



CITY OF DELAND
REGULAR MEETING OF THE CITY COMMISSION
AUGUST 5, 2024 AT 7:00 PM
CITY HALL, COMMISSION CHAMBERS
120 SOUTH FLORIDA AVENUE

AGENDA

CALL TO ORDER

INVOCATION-Chaplain Reggie May, DeLand Police Department

PLEDGE OF ALLEGIANCE

ROLL CALL

PUBLIC HEARING

1. Resolution Certifying and Adopting Assessment Roll for Fiscal Year 2024-2025, Blue Lake Woods Street Lighting District.

It is recommended that the City Commission approve the resolution to certify and adopt the assessment roll for Fiscal Year 2024-2025 for the Blue Lake Woods Street Lighting District.

2. Resolution Certifying and Adopting Assessment Roll for Fiscal Year 2024-2025, Glenwood Springs Street Lighting District.

It is recommended that the City Commission approve the resolution to certify and adopt the assessment roll for Fiscal Year 2024-2025 for the Glenwood Springs Street Lighting District.

PRESENTATIONS

1. Resolution No. 2024-60, Honoring the Retirement of Detective Joey Sanchez.
2. Introduction of New Police Officer Kevin Welty and Promotion of Corporal Lamar Phillips.

CONSENT AGENDA

1. Resolution Approving Surplus of Glock Firearm for Detective Joey Sanchez Upon His Retirement.

It is recommended that the City Commission adopt the Resolution declaring the referenced Glock firearm as surplus and present it to Detective Joey Sanchez for his years of service to the City of DeLand.

2. Resolution Approving FY 2023-2024 Budget Amendment.

Presentation of a budget amendment for FY 2023/2024.

3. Resolution Approving the Amendment of the Community Development Block Grant Project List for Fiscal Year 2024-2025.

Amendment to 2024-2025 CDBG project list to change lift station locations that will receive a standby generator with CDBG funds.

4. Consideration re Utility Service Agreement and Fair Share Agreement for the Dean River Subdivision, Located on the South West Corner of Old New York Avenue and Shell Road.

Staff recommends that the City Commission approve the Utility Service Agreement and Fair Share Agreement for the Dean River subdivision.

5. Consideration re Utility Service Agreement for DeLand Free Standing Emergency Room (FSER), Located at 2400 and 2490 South Woodland Boulevard.

Staff recommends that the City Commission approve the Utility Service Agreement for DeLand FSER.

6. Consideration re First Amendment to Water Management District Test Well Easement Agreement.

Approval of amendment to monitoring well easement with the St. Johns River Water Management District.

7. Consideration re Award of Bid for River Booster Pump Station Construction.

Staff recommends that the City Commission award the River Booster Pump Station construction project to McMahon Construction in the amount of \$1,539,000.00.

8. Consideration re Extension of Concession Agreement Between Stetson University and the City of DeLand for Services at Spec Martin Stadium.

It is recommended that the City Commission extend the concession agreement between the City of DeLand and Stetson University for a period through July 2026.

9. Consideration re First Amendment to Employee Assistance Program (EAP) Services Agreement to CuraLinc, LLC.

Renewal agreement with EAP provider.

10. Consideration re Renewal of Contract with Florida Health Care (FHC) Plans for FY 2024-2025.

Renewal of contract with Florida Health Care Plans.

11. Consideration re Midyear Waiver Request for OneBlood Highschool Volusia/Flagler Volunteer Workshop.

Consideration of a Midyear Waiver Request for OneBlood Highschool Volusia/Flagler Volunteer Workshop.

PETITIONS AND REQUESTS FROM THE PUBLIC PRESENT

OLD BUSINESS

1. Second Reading of Ordinance No. 2024-35, Increasing the Salaries for City Commissioners and the Mayor-Commissioner (1st Rdg. 07/15/2024).

Approval of ordinance increasing the salaries of the Mayor and Commissioners.

NEW BUSINESS

1. Resolution Approving Towns at Summit Preliminary Plat, Located at I-4 and North Summit Avenue (County Road 4139).

The applicant is requesting approval of a Preliminary Plat for a 300-lot townhome subdivision, open space areas, stormwater tracts, and tree protection areas.

2. First Reading of Ordinance Amending Chapter 21, Section 21-12, Trespass Warnings on Public Property.

Ordinance to create an appeal process for trespass warnings related to city owned property.

3. First Reading of Ordinance Amending Chapter 2A , Section 2A-4, Establishing Airport Fees.

Adoption of ordinance allowing for the imposition of user fees at the DeLand Municipal Airport.

4. Resolution Approving Final Subdivision Plat for Delaney Reserve, Located at 610 North Spring Garden Avenue.

The applicant, Garrett George, CESO Inc., is seeking approval to subdivide a 14.75-acre parcel into 90 townhomes, stormwater, common area/open space tracts, tree protection areas and right of way.

5. Resolution Approving the Removal of One Historic Tree, Located at 201 West Minnesota Avenue.

The applicant, William Adams, has requested that one historic tree located at 201 West Minnesota Avenue be allowed to be removed.

6. Change of Meeting Date, Labor Day Holiday.

It is recommended that the City Commission reschedule the Monday, September 2, 2024 regular City Commission meeting to **Wednesday, September 4, 2024**. This would be the date of the City's first budget hearing.

CITY MANAGER REPORT

CITY ATTORNEY REPORT

CITY CLERK REPORT

CITY COMMISSION

ADJOURNMENT

The DeLand City Commission holds its regular meetings on the first and third Mondays of each month at 7:00 p.m. in the DeLand City Commission Chambers, 120 South Florida Avenue, DeLand. Notice of special meetings, workshops, changes in dates, times or locations are provided by separate Public Notices, which are posted at City Hall and on the City's web site.

The City of DeLand may take action on any matter during this meeting, including items that are not set forth within this agenda.

Public participation is encouraged on any matter on the agenda. If you desire to be recognized by the Mayor, please fill out a Speaker's Card and present it to the City Clerk.

Minutes of the DeLand City Commission meetings are not transcribed verbatim. If any person decides to appeal a decision made by the City Commission with respect to any matter considered at a public meeting or hearing, he/she will need a record of the proceedings including all testimony and evidence upon which the appeal is to be based. To that end, such person will want to ensure that a verbatim record of the proceedings is made by a court reporter, at the person's own expense.

In accordance with the American Disabilities Act, persons needing a special accommodation in order to participate in the proceedings should notify the City Clerk's Office at least 48 hours in advance of the meeting: 626-7132.

Assisted Listening System receivers are available for the hearing impaired, and can be obtained from the City Clerk.

If you wish to obtain information regarding the City Commission's Agenda, please call the City Clerk's Office: 626-7132.

We respectfully request that all pagers and cell phones be turned OFF during City Commission meetings.

Electronic Information! City Commission agendas and short form minutes are now available on the City's web page: www.deland.org.

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Certifying and Adopting Assessment Roll for Fiscal Year 2024-2025, Blue Lake Woods Street Lighting District.

DEPARTMENT: Finance

PREPARED BY: Daniel Stauffer, Finance Director

ATTACHMENTS: Resolution - Blue Lake Woods, Blue Lake Woods 2024 - Exhibit A

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The City Commission previously created the Blue Lake Woods Street Lighting District which allows the residents and lot owners in the Blue Lake Woods subdivision to pay for their street lights through their tax bills. With this method, all residents will be assured of having the street lights kept on regardless of whether the home owner's association is able to collect assessments from its membership. The Florida Statutes requires the City of DeLand to certify to the Volusia County Property Appraiser the assessment roll each year by September 15th. The attached resolution fulfills that requirement.

A resolution certifying the assessment roll for the Blue Lake Woods Street Lighting District is adopted by the City of DeLand each year. Each resident and lot owner of the Blue Lake Woods subdivision/special assessment district will be assessed \$112.04. There are 50 parcels in the Blue Lake Woods subdivision/special assessment district for a total of \$5,602.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

N/A

SUSTAINABILITY:

N/A

FISCAL IMPACT:

This item should be revenue neutral. However, to the extent that this assessment will ensure that street lights in one of the city's subdivisions remain lit, it may arguably reduce public safety costs.

RECOMMENDATION:

It is recommended that the City Commission approve the attached resolution.

BACKGROUND/DISCUSSION:

This action is the final step in putting the assessments, more particularly set forth in the attached resolution and assessment roll, on the tax bills for the Blue Lake Woods subdivision.

RESOLUTION NO. 2024 -

**A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA,
CERTIFYING THE ASSESSMENT ROLL FOR FISCAL YEAR 2024-2025
FOR THE BLUE LAKE WOODS STREET LIGHTING SPECIAL
ASSESSMENT DISTRICT AND PROVIDING FOR AN EFFECTIVE
DATE.**

WHEREAS, the City of DeLand has created the Blue Lake Woods Street Lighting Special Assessment District for the purposes of funding street lighting within the Blue Lake Woods subdivision; and

WHEREAS, the City of DeLand is required by Section 197.3632(5)(a), Florida Statutes, to certify to the Volusia County Property Appraiser the assessment roll for the said special assessment district by September 15 of each year; and

WHEREAS, the City of DeLand desires to certify to the Volusia County Property Appraiser the assessment roll attached hereto as Exhibit "A".

**NOW, THEREFORE BE IT RESOLVED BY THE CITY COMMISSION OF
DELAND, FLORIDA:**

Section 1. The City Commission of the City of DeLand hereby certifies the assessment roll for fiscal year 2024-2025 for the Blue Lake Woods Street Lighting District attached hereto as Exhibit "A".

Section 2. The unit of measurement for the assessment shall be platted single family residential lots and the amount of the assessment shall be as per the attached Exhibit "A".

Section 3. The City Manager is hereby directed to immediately transmit this Resolution to the office of the Volusia County Property Appraiser.

Section 4. This Resolution shall be effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy
City Clerk-Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

"EXHIBIT A"

Volusia County Property Appraiser

June 1st Statutory NAVA List for Blue Lake Woods Streetlighting - 2024 Tax Roll

SL Project	ProjName	SL Units	2023 Rate	New Rate	AltKey	ParcelID	PC	PC_DESC	RES_BLDGS	OWN1	OWN2	ADDR1	CITYNAME	ZIPCODE	LEGAL1
3370	BLUE LAKE WOODS	1	111.07	112.04	6519897	701039000010	100	SINGLE FAMILY	1	ABIGAIL BONNIE J		1359 PUP FISH LN	DELAND	32724	LOT 1 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6018 PGS 08
3370	BLUE LAKE WOODS	1	111.07	112.04	6519901	701039000020	100	SINGLE FAMILY	1	KOENKE LEIGH ANN		1355 PUP FISH LN	DELAND	32724	LOT 2 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6008 PGS 37
3370	BLUE LAKE WOODS	1	111.07	112.04	6519919	701039000030	100	SINGLE FAMILY	1	STAGE JULIET FLEMING		1351 PUP FISH LN	DELAND	32724	LOT 3 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5738 PGS 07
3370	BLUE LAKE WOODS	1	111.07	112.04	6519927	701039000040	100	SINGLE FAMILY	1	ANDERSON MARCUS CHRISTOPHER		1347 PUP FISH LN	DELAND	32724	LOT 4 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5941 PG 209
3370	BLUE LAKE WOODS	1	111.07	112.04	6519935	701039000050	100	SINGLE FAMILY	1	NEWBOULD GAVIN		1343 PUP FISH LN	DELAND	32724	LOT 5 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5843 PGS 46
3370	BLUE LAKE WOODS	1	111.07	112.04	6519943	701039000060	100	SINGLE FAMILY	1	WHITENER LINDA		1339 PUP FISH LN	DELAND	32724	LOT 6 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5859 PG 041
3370	BLUE LAKE WOODS	1	111.07	112.04	6519951	701039000070	100	SINGLE FAMILY	1	CASTELBLANCO VIOLETA A		1335 PUP FISH LN	DELAND	32724	LOT 7 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5694 PG 409
3370	BLUE LAKE WOODS	1	111.07	112.04	6519960	701039000080	100	SINGLE FAMILY	1	BODA MATTHEW		1331 PUP FISH LN	DELAND	32724	LOT 8 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5825 PGS 49
3370	BLUE LAKE WOODS	1	111.07	112.04	6519978	701039000090	100	SINGLE FAMILY	1	RAINES ANTHONY E		1327 PUP FISH LN	DELAND	32724	LOT 9 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5847 PG 078
3370	BLUE LAKE WOODS	1	111.07	112.04	6519986	701039000100	100	SINGLE FAMILY	1	MCGONIGLE JOSHUA		1323 PUP FISH LN	DELAND	32724	LOT 10 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5799 PGS 4
3370	BLUE LAKE WOODS	1	111.07	112.04	6519994	701039000110	100	SINGLE FAMILY	1	CONFIDENTIAL DATA F.S.119.071					LOT 11 BLUE LAKE WOODS MB 52 PGS 64-66 INC
3370	BLUE LAKE WOODS	1	111.07	112.04	6520003	701039000120	100	SINGLE FAMILY	1	DOUGLASS ALLAN J JR		1315 PUP FISH LANE	DELAND	32724	LOT 12 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6017 PG 16
3370	BLUE LAKE WOODS	1	111.07	112.04	6520011	701039000130	100	SINGLE FAMILY	1	GONZALES GIANNE C		1311 PUP FISH LN	DELAND	32724	LOT 13 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5793 PGS 0
3370	BLUE LAKE WOODS	1	111.07	112.04	6520020	701039000140	100	SINGLE FAMILY	1	HULL CHRISTOPHER A		1307 PUP FISH LN	DELAND	32724	LOT 14 BLUE LAKE WOODS MB 52 PGS 64-66 PER OR 5902 PGS 2144-
3370	BLUE LAKE WOODS	1	111.07	112.04	6520038	701039000150	100	SINGLE FAMILY	1	MOORE SARAH DAWN	MARTINEZ ROBERT EDWARD	1303 PUP FISH LN	DELAND	32724	LOT 15 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5813 PGS 3
3370	BLUE LAKE WOODS	1	111.07	112.04	6520046	701039000160	100	SINGLE FAMILY	1	MERCADO NEPTALI		1306 PUP FISH LN	DELAND	32724	LOT 16 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6009 PGS 0
3370	BLUE LAKE WOODS	1	111.07	112.04	6520054	701039000170	100	SINGLE FAMILY	1	HILAIRE MICHEL EMILE		1310 PUP FISH LN	DELAND	32724	LOT 17 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5829 PGS 0
3370	BLUE LAKE WOODS	1	111.07	112.04	6520062	701039000180	100	SINGLE FAMILY	1	CAHILL RYAN		1314 PUP FISH LN	DELAND	32724	LOT 18 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5821 PG 39
3370	BLUE LAKE WOODS	1	111.07	112.04	6520071	701039000190	100	SINGLE FAMILY	1	ANDERSON WILLIAM A		1318 PUP FISH LN	DELAND	32724	LOT 19 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6014 PGS 2
3370	BLUE LAKE WOODS	1	111.07	112.04	6520089	701039000200	100	SINGLE FAMILY	1	BLONDELL CHRISTOPHER W		1322 PUP FISH LN	DELAND	32724	LOT 20 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5862 PG 39
3370	BLUE LAKE WOODS	1	111.07	112.04	6520097	701039000210	100	SINGLE FAMILY	1	HENSHAW RALPH NELSON III		1326 PUP FISH LANE	DELAND	32724	LOT 21 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5851 PG 23
3370	BLUE LAKE WOODS	1	111.07	112.04	6520101	701039000220	100	SINGLE FAMILY	1	OSTROWSKI STEVEN J		1330 PUP FISH LN	DELAND	32724	LOT 22 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5834 PG 07
3370	BLUE LAKE WOODS	1	111.07	112.04	6520119	701039000230	100	SINGLE FAMILY	1	CRABTREE SHANNON R		1334 PUP FISH LN	DELAND	32724	LOT 23 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5807 PGS 2
3370	BLUE LAKE WOODS	1	111.07	112.04	6520127	701039000240	100	SINGLE FAMILY	1	MALLEY JOSEPH M		1338 PUP FISH LN	DELAND	32724	LOT 24 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5670 PGS 4
3370	BLUE LAKE WOODS	1	111.07	112.04	6520135	701039000250	100	SINGLE FAMILY	1	DUZADUPA LLC		3N279 N EMROY AVE	ELMHURST	60126	LOT 25 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5868 PG 26
3370	BLUE LAKE WOODS	1	111.07	112.04	6520143	701039000260	100	SINGLE FAMILY	1	BRIAN RASQUINHA INVESTMENTS LLC		11728 OSPREY POINTE BLVD	CLERMONT	34711	LOT 26 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5849 PG 46
3370	BLUE LAKE WOODS	1	111.07	112.04	6520151	701039000270	100	SINGLE FAMILY	1	WESEMANN MATTHAUS		7072 156TH PL NE	REDMOND	98052	LOT 27 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5847 PG 07
3370	BLUE LAKE WOODS	1	111.07	112.04	6520160	701039000280	100	SINGLE FAMILY	1	HENDERSHOT RUSSELL A TR	HENDERSHOT FAMILY TRUST	1321 TILAPIA TRL	DELAND	32724	LOT 28 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5805 PGS 0
3370	BLUE LAKE WOODS	1	111.07	112.04	6520178	701039000290	100	SINGLE FAMILY	1	MCGINN TERENCE M		1317 TILAPIA TRL	DELAND	32724	LOT 29 BLUE LAKE WOODS MB 52 PGS 64-66 PER OR 6017 PGS 0672-
3370	BLUE LAKE WOODS	1	111.07	112.04	6520186	701039000300	100	SINGLE FAMILY	1	CATALANO PETER R		1313 TILAPIA TRL	DELAND	32724	LOT 30 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5918 PG 47
3370	BLUE LAKE WOODS	1	111.07	112.04	6520194	701039000310	100	SINGLE FAMILY	1	ESTAVILLO JORGE	DORIS GEORGINA ESTAVILLO	1309 TILAPIA TRL	DELAND	32724	LOT 31 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5853 PG 37
3370	BLUE LAKE WOODS	1	111.07	112.04	6520208	701039000320	100	SINGLE FAMILY	1	BECCARIS THOMAS J		1305 TILAPIA TRIAL	DELAND	32724	LOT 32 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5887 PG 44
3370	BLUE LAKE WOODS	1	111.07	112.04	6520216	701039000330	100	SINGLE FAMILY	1	HILDERBRANDT KELLY ANN	HILDERBRANDT SAMANTHA	1300 TILAPIA TRL	DELAND	32724	LOT 33 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5911 PG 39
3370	BLUE LAKE WOODS	1	111.07	112.04	6520224	701039000340	100	SINGLE FAMILY	1	RUTH MICHELLE J		1304 TILAPIA TRL	DELAND	32724	LOT 34 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5889 PG 16
3370	BLUE LAKE WOODS	1	111.07	112.04	6520232	701039000350	100	SINGLE FAMILY	1	QUINTON JUDY P		1308 TILAPIA TRL	DELAND	32724	LOT 35 BLUE LAKE WOODS MB 52 PGS 64-66 PER OR 5904 PGS 3195-
3370	BLUE LAKE WOODS	1	111.07	112.04	6520241	701039000360	100	SINGLE FAMILY	1	CHOWDHURY SYED		1312 TILAPIA TRL	DELAND	32724	LOT 36 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5971 PG 19
3370	BLUE LAKE WOODS	1	111.07	112.04	6520259	701039000370	100	SINGLE FAMILY	1	2018-2 IH BORROWER LP		1717 MAIN ST STE 2000	DALLAS	75201	LOT 37 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5911 PG 28
3370	BLUE LAKE WOODS	1	111.07	112.04	6520267	701039000380	100	SINGLE FAMILY	1	COPSON SANDRA		1320 TILAPIA TRL	DELAND	32724	LOT 38 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5887 PG 48
3370	BLUE LAKE WOODS	1	111.07	112.04	6520275	701039000390	100	SINGLE FAMILY	1	INGRAM CLARENCE E		1324 TILAPIA TRL	DELAND	32724	LOT 39 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5933 PG 40
3370	BLUE LAKE WOODS	1	111.07	112.04	6520283	701039000400	100	SINGLE FAMILY	1	CALDERON BOLIVAR A		1328 TILAPIA TRL	DELAND	32724	LOT 40 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5967 PG 11
3370	BLUE LAKE WOODS	1	111.07	112.04	6520291	701039000410	100	SINGLE FAMILY	1	ALEJO JOSE JR		1332 TILAPIA TRL	DELAND	32724	LOT 41 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6035 PG 01
3370	BLUE LAKE WOODS	1	111.07	112.04	6520305	701039000420	100	SINGLE FAMILY	1	STEWART-VLASOV MARK SERGEI		1336 TILAPIA TRL	DELAND	32724	LOT 42 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5988 PGS 1
3370	BLUE LAKE WOODS	1	111.07	112.04	6520313	701039000430	100	SINGLE FAMILY	1	ESTAVILLO JORGE		1340 TILAPIA TRL	DELAND	32724	LOT 43 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5977 PGS 0
3370	BLUE LAKE WOODS	1	111.07	112.04	6520321	701039000440	100	SINGLE FAMILY	1	RODRIGUEZ JOSEPH		1344 TILAPIA TRL	DELAND	32724	LOT 44 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5969 PG 05
3370	BLUE LAKE WOODS	1	111.07	112.04	6520330	701039000450	100	SINGLE FAMILY	1	PARRISH JOHN K		1348 TILAPIA TRL	DELAND	32724	LOT 45 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5973 PG 11
3370	BLUE LAKE WOODS	1	111.07	112.04	6520348	701039000460	100	SINGLE FAMILY	1	NGUYEN KENNY BINH		1352 TILAPIA TRL	DELAND	32724	LOT 46 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5976 PG 08
3370	BLUE LAKE WOODS	1	111.07	112.04	6520356	701039000470	100	SINGLE FAMILY	1	MITCHELL DEREK MICHAEL		1345 TILAPIA TRL	DELAND	32724	LOT 47 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5938 PGS 1
3370	BLUE LAKE WOODS	1	111.07	112.04	6520364	701039000480	100	SINGLE FAMILY	1	SLAGLE KIMBERLY J		1341 TILAPIA TRL	DELAND	32724	LOT 48 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 6009 PGS 4
3370	BLUE LAKE WOODS	1	111.07	112.04	6520372	701039000490	100	SINGLE FAMILY	1	HURST BRIAN KEITH		1337 TILAPIA TRL	DELAND	32724	LOT 49 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5948 PG 03
3370	BLUE LAKE WOODS	1	111.07	112.04	6520381	701039000500	100	SINGLE FAMILY	1	ELASSAL KEVIN		3056 W ROME AVE	ANAHEIM	92804	LOT 50 BLUE LAKE WOODS MB 52 PGS 64-66 INC PER OR 5967 PG 18
Total Parcels		50		\$ 5,602.00											

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Certifying and Adopting Assessment Roll for Fiscal Year 2024-2025, Glenwood Springs Street Lighting District.

DEPARTMENT: Finance

PREPARED BY: Daniel Stauffer, Finance Director

ATTACHMENTS: Resolution - Glenwood Springs, Glenwood Springs 2024 - Exhibit A

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The City Commission previously created the Glenwood Springs Lighting District which allows the residents and lot owners in the Glenwood Springs subdivision to pay for their street lights through their tax bills. With this method, all residents will be assured of having the street lights kept on regardless of whether the home owner's association is able to collect assessments from its membership. The Florida Statutes requires the City of DeLand to certify to the Volusia County Property Appraiser the assessment roll each year by September 15. The attached resolution fulfills that requirement.

A resolution certifying the assessment roll for the Glenwood Springs Street Lighting District, is adopted by the City of DeLand each year. Each resident and lot owner with the Glenwood Springs subdivision/special assessment district will be assessed \$59.79. There are 213 parcels in the Glenwood Springs subdivision/special assessment district for a total of \$12,735.27.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

N/A

SUSTAINABILITY:

N/A

FISCAL IMPACT:

This item should be revenue neutral. However, to the extent that this assessment will ensure that street lights in one of the City's subdivision remain lit, it may arguably reduce public safety costs.

RECOMMENDATION:

It is recommended that the City Commission approve the attached resolution.

BACKGROUND/DISCUSSION:

This action is the final step in putting the assessments, more particularly set forth in the attached resolution and assessment roll, on the tax bills for the Glenwood Springs subdivision.

RESOLUTION NO. 2024 -

**A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA,
CERTIFYING THE ASSESSMENT ROLL FOR FISCAL YEAR 2024-2025
FOR THE GLENWOOD SPRINGS STREET LIGHTING SPECIAL
ASSESSMENT DISTRICT AND PROVIDING FOR AN EFFECTIVE
DATE.**

WHEREAS, the City of DeLand has created the Glenwood Springs street lighting special assessment district for the purposes of funding street lighting within the Glenwood Springs subdivision; and

WHEREAS, the City of DeLand is required by Section 197.3632(5)(a), Florida Statutes, to certify to the Volusia County Property Appraiser the assessment roll for the said special assessment district by September 15 of each year; and

WHEREAS, the City of DeLand desires to certify to the Volusia County Property Appraiser the assessment roll attached hereto as Exhibit "A".

**NOW, THEREFORE BE IT RESOLVED BY THE CITY COMMISSION OF
DELAND, FLORIDA:**

Section 1. The City Commission of the City of DeLand hereby certifies the assessment roll for fiscal year 2024-2025 for the Glenwood Springs Street Lighting District attached hereto as Exhibit "A".

Section 2. The unit of measurement for the assessment shall be platted single family residential lots and the amount of the assessment shall be as per the attached Exhibit "A".

Section 3. The City Manager is hereby directed to immediately transmit this Resolution to the office of the Volusia County Property Appraiser.

Section 4. This Resolution shall be effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy
City Clerk-Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

"EXHIBIT A"

Volusia County Property Appraiser

June 1st Statutory NAVA List for Blue Lake Woods Streetlighting - 2024 Tax Roll

SL Project	ProjName	SL Units	2023 Rate	New Rate	AltKey	ParcelID	PC_DESC	RES_BLDGS	OWN1	OWN2	ADDR1	CITYNAME	ZIPCODE	LEGAL1
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572461	700605000010	SINGLE FAMILY	1	CALVIN MARLENE		1525 LOUGHTON ST	DELAND	32720	LOT 1 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572470	700605000020	SINGLE FAMILY	1	GANDHI MEHUL		1529 LOUGHTON ST	DELAND	32720	LOT 2 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 5840
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572488	700605000030	SINGLE FAMILY	1	KUHKLE JEFFREY		1533 LOUGHTON ST	DELAND	32720	LOT 3 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572496	700605000040	SINGLE FAMILY	1	BIRNHAK SHERRY L		1537 LOUGHTON ST	DELAND	32720	LOT 4 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 5916
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572500	700605000050	SINGLE FAMILY	1	DANGIOLILLO VICTOR J		1541 LOUGHTON ST	DELAND	32720	LOT 5 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572518	700605000060	SINGLE FAMILY	1	HOWELL CHAD B		1524 LOUGHTON ST	DELAND	32720	LOT 6 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572526	700605000070	SINGLE FAMILY	1	HOLTON WILLIAM		1520 LOUGHTON ST	DELAND	32720	LOT 7 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 5840
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572534	700605000080	SINGLE FAMILY	1	ARIAS JUAN LUIS		1529 ALDRIDGE LN	DELAND	32720	LOT 8 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572542	700605000090	SINGLE FAMILY	1	ALEXANDRE JOSEPH J		1533 ALDRIDGE LN	DELAND	32720	LOT 9 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 5916
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572551	700605000100	SINGLE FAMILY	1	ALBITREZ ALFREDO ARTURO		1537 ALDRIDGE LN	DELAND	32720	LOT 10 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572569	700605000110	SINGLE FAMILY	1	SANFORD JUSTIN ALLEN		1541 ALDRIDGE LN	DELAND	32720	LOT 11 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572577	700605000120	SINGLE FAMILY	1	MASON LEAH CHRISTINE		1232 BEXLEY CT	DELAND	32720	LOT 12 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572585	700605000130	SINGLE FAMILY		BENITEZ LYDIA JIMENEZ TR	LYDIA JIMENEZ BENITEZ REV TRUST 8-16-17	1128 BEXLEY CT	DELAND	32720	LOT 13 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572593	700605000140	SINGLE FAMILY	1	GAVIRIA LUZ VERLY		1224 BEXLEY CT	DELAND	32720	LOT 14 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572607	700605000150	SINGLE FAMILY	1	FARNSWORTH JAMES NEAL		1220 BEXLEY CT	DELAND	32720	LOT 15 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572615	700605000160	SINGLE FAMILY	1	JOHNSON THOMAS E JR		1216 BEXLEY CT	DELAND	32720	LOT 16 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572623	700605000170	SINGLE FAMILY	1	RIVERA ANGEL F		3701 TCU BLVD	ORLANDO	32817	LOT 17 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572631	700605000180	SINGLE FAMILY	1	AR CHIN INVESTMENTS INC		201 W TARRINGTON DR	DELAND	32724	LOT 18 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572640	700605000190	SINGLE FAMILY	1	THR FLORIDA LP		1717 MAIN ST STE 2000	DALLAS	75201	LOT 19 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572658	700605000200	SINGLE FAMILY	1	HAIDER LATIFUL		1200 BEXLEY CT	DELAND	32720	LOT 20 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572666	700605000210	SINGLE FAMILY	1	2018-2 IH BORROWER LP		1717 MAIN ST STE 2000	DALLAS	75201	LOT 21 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572674	700605000220	SINGLE FAMILY	1	PARDO RODOLFO		1205 BEXLEY CT	DELAND	32720	LOT 22 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572682	700605000230	SINGLE FAMILY	1	ORIE BERNARD A		1209 BEXLEY CT	DELAND	32720	LOT 23 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572691	700605000240	SINGLE FAMILY	1	OTERO ENOELIO		2988 DEER CREEK COUNTRY CLUB BLVD	DEERFIELD	33442	LOT 24 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572704	700605000250	SINGLE FAMILY	1	RICHARDS JASMINE M		1217 BEXLEY CT	DELAND	32720	LOT 25 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572712	700605000260	SINGLE FAMILY	1	PRYMAK MARIA		1221 BEXLEY CT	DELAND	32720	LOT 26 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572721	700605000270	SINGLE FAMILY	1	PATEL RAMESHBHAI C		1225 BEXLEY CT	DELAND	32720	LOT 27 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572739	700605000280	SINGLE FAMILY	1	COULSON FITZROY DAMION		1229 BEXLEY CT	DELAND	32720	LOT 28 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572747	700605000290	SINGLE FAMILY	1	MONCELSI RAYMOND EDWARD		1233 BEXLEY CT	DELAND	32720	LOT 29 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572755	700605000300	SINGLE FAMILY	1	PEETS MARIA L		1232 BRAMLEY LN	DELAND	32720	LOT 30 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572763	700605000310	SINGLE FAMILY	1	PRY LAURIE G		6813 E THUNDERBIRD DR	TUCSON	85708	LOT 31 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572771	700605000320	SINGLE FAMILY	1	RESIDENTIAL HOME BUYER ORLANDO LLC		PO BOX 4090	SCOTTSDAI	85261	LOT 32 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572780	700605000330	SINGLE FAMILY	1	RODRIGUEZ KIRK F JR		1220 BRAMLEY LN	DELAND	32720	LOT 33 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572798	700605000340	SINGLE FAMILY	1	BAHM AARON V		1216 BRAMLEY LN	DELAND	32720	LOT 34 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572801	700605000350	SINGLE FAMILY	1	NACLERIO VINCENT J		1212 BRAMLEY LN	DELAND	32720	LOT 35 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572810	700605000360	SINGLE FAMILY	1	EDGOMB ROBERT		1208 BRAMLEY ROBERT	DELAND	32720	LOT 36 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572828	700605000370	SINGLE FAMILY	1	PERRINO EUGENE L JR		1201 BRAMLEY LN	DELAND	32720	LOT 37 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572836	700605000380	SINGLE FAMILY	1	MARTIN TIMOTHY		1205 BRAMLEY LN	DELAND	32720	LOT 38 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572844	700605000390	SINGLE FAMILY	1	KENNEDY JOHN STUART		1209 BRAMLEY LN	DELAND	32720	LOT 39 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572852	700605000400	SINGLE FAMILY	1	FRENDO CAROL J TR	CAROL J FRENDO REV TRUST 11-13-14	1217 BRAMLEY LN	DELAND	32720	LOT 40 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572861	700605000410	SINGLE FAMILY	1	MERLI KEVIN		1221 BRAMLEY LN	DELAND	32720	LOT 41 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572879	700605000420	SINGLE FAMILY	1	MARTINEZ DAVID		1225 BRAMLEY LN	DELAND	32720	LOT 42 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572887	700605000430	SINGLE FAMILY	1	FAIN RUSSELL MICHAEL		1229 BRAMLEY LN	DELAND	32720	LOT 43 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572895	700605000440	SINGLE FAMILY	1	DIAZ-LOPEZ BORIS		1233 BRAMLEY LN	DELAND	32720	LOT 44 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572909	700605000450	SINGLE FAMILY	1	HALL MELODY M TR	MELODY M HALL REV TRUST 2006	1241 BRAMLEY LN	DELAND	32720	LOT 45 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572917	700605000460	SINGLE FAMILY	1	BERGERON SUSAN		1252 BRAMLEY LN	DELAND	32724	LOT 46 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 599
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572925	700605000470	SINGLE FAMILY	1	ANDERSON PATRICIA B		1253 BRAMLEY LN	DELAND	32720	LOT 47 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572933	700605000480	SINGLE FAMILY	1	TEPPER PETER W		1257 BRAMLEY LN	DELAND	32720	LOT 48 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572941	700605000490	SINGLE FAMILY	1	COOK JOSEPH R		1261 BRAMLEY LN	DELAND	32720	LOT 49 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572950	700605000500	SINGLE FAMILY	1	COKER CHARLES L		1265 BRAMLEY LN	DELAND	32720	LOT 50 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572968	700605000510	SINGLE FAMILY	1	CONFIDENTIAL DATA F.S.119.071					LOT 51 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572976	700605000520	SINGLE FAMILY	1	PAUL DEBRA C		1273 BRAMLEY LN	DELAND	32720	LOT 52 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572984	700605000530	SINGLE FAMILY	1	WASHER JANICE TR	JANICE A WASHER FAMILY REV TRUST	1277 BRAMLEY LN	DELAND	32720	LOT 53 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6572992	700605000540	SINGLE FAMILY	1	BOWMAN LARRY W		PO BOX 1892	DELAND	32721	LOT 54 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC 5616 P
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573000	700605000550	SINGLE FAMILY	1	LINTZ STEVEN		1285 BRAMLEY LN	DELAND	32720	LOT 55 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573018	700605000560	SINGLE FAMILY	1	THOMPSON BERYL E		1289 BRAMLEY LN	DELAND	32720	LOT 56 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573026	700605000570	SINGLE FAMILY	1	FRANCIS MONALISA		1293 BRAMLEY LN	DELAND	32720	LOT 57 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573034	700605000580	SINGLE FAMILY	1	JONES KEVIN		1297 BRAMLEY LN	DELAND	32720	LOT 58 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573042	700605000590	SINGLE FAMILY	1	TOOLAN REYAN		1301 BRAMLEY LN	DELAND	32720	6-17-30 LOT 59 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 IN
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573051	700605000600	SINGLE FAMILY	1	ESTRADA MARVEL		1305 BRAMLEY LN	DELAND	32750	LOT 60 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573069	700605000610	SINGLE FAMILY	1	LEWICKI EDWARD E JR		1304 BRAMLEY LN	DELAND	32720	LOT 61 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573077	700605000620	SINGLE FAMILY	1	DYE TODD JAY		1300 BRAMLEY LN	DELAND	32720	LOT 62 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573085	700605000630	SINGLE FAMILY	1	CAMPBELL TROY BRADLEY		1292 BRAMLEY LN	DELAND	32720	LOT 63 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573093	700605000640	SINGLE FAMILY	1	GOLD BRUCE R		1288 BRAMLEY LN	DELAND	32720	LOT 64 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573107	700605000650	SINGLE FAMILY	1	SWEARINGEN SARAH ANGELA		1301 ISLINGTON RD	DELAND	32720	LOT 65 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573115	700605000660	SINGLE FAMILY	1	TATANG JULIA		1540 CLAPTON DR	DELAND	32720	LOT 66 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573123	700605000670	SINGLE FAMILY	1	LOTT PATRICK S		1536 CLAPTON DR	DELAND	32720	LOT 67 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573131	700605000680	SINGLE FAMILY	1	BRADLEY TROY A		1532 CLAPTON DR	DELAND	32720	LOT 68 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573140	700605000690	SINGLE FAMILY	1	COATS BEN		1528 CLAPTON DR	DELAND	32720	LOT 69 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573158	700605000700	SINGLE FAMILY	1	GARRETSON TYLER L		1524 CLAPTON DR	DELAND	32720	LOT 70 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573166	700605000710	SINGLE FAMILY	1	MANAOIS ANITA F		1520 CLAPTON DR	DELAND	32720	LOT 71 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 591

"EXHIBIT A"

Volusia County Property Appraiser

June 1st Statutory NAVA List for Blue Lake Woods Streetlighting - 2024 Tax Roll

SL Project	ProjName	SL Units	2023 Rate	New Rate	AltKey	ParcelID	PC_DESC	RES_BLDGS	OWN1	OWN2	ADDR1	CITYNAME	ZIPCODE	LEGAL1
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573182	700605000730	SINGLE FAMILY	1	TAH HOLDING LP		15771 RED HILL AVE STE 100	TUSTIN	92780	LOT 73 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573191	700605000740	SINGLE FAMILY	1	IH3 PROPERTY FLORIDA LP		1717 MAIN ST STE 2000	DALLAS	75201	LOT 74 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 584
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573204	700605000750	SINGLE FAMILY	1	SCHRIER MICHAEL H		1504 CLAPTON DR	DELAND	32720	LOT 75 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 584
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573212	700605000760	SINGLE FAMILY	1	CROSBY JOHN L JR		1500 CLAPTON DR	DELAND	32720	LOT 76 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 581
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573221	700605000770	SINGLE FAMILY	1	CONFIDENTIAL DATA F.S.119.071					LOT 77 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573239	700605000780	SINGLE FAMILY	1	CARRASQUILLO SUSAN M		1320 WEYMOUTH DR	DELAND	32720	LOT 78 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573247	700605000790	SINGLE FAMILY	1	BAXTER CHARLES		1316 WEYMOUTH DR	DELAND	33720	LOT 79 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 584
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573255	700605000800	SINGLE FAMILY	1	BOLEY KYLE DEAN		1312 WEYMOUTH DR	DELAND	32720	LOT 80 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573263	700605000810	SINGLE FAMILY	1	FEIJO LISA MARIE		1308 WEYMOUTH DR	DELAND	32720	LOT 81 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 576
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573271	700605000820	SINGLE FAMILY	1	LANDRUM CHARLES		1304 WEYMOUTH DR	DELAND	32720	LOT 82 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573280	700605000830	SINGLE FAMILY	1	MARZULLO FRANCIS X JR		1300 WEYMOUTH DR	DELAND	32720	LOT 83 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573298	700605000840	SINGLE FAMILY	1	BHAGWANDASS RAJESH		1301 WEYMOUTH DR	DELAND	32720	LOT 84 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 581
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573301	700605000850	SINGLE FAMILY	1	JOHNSON JEFFREY PAUL		1313 WEYMOUTH DR	DELAND	32720	LOT 85 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 584
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573310	700605000860	SINGLE FAMILY	1	FEIBLES ARMANDO		1317 WEYMOUTH DR	DELAND	32720	LOT 86 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573328	700605000870	SINGLE FAMILY	1	PRONOVOST DANIEL		1321 WEYMOUTH DR	DELAND	32720	LOT 87 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573336	700605000880	SINGLE FAMILY	1	CONFROY ANDREA M		1505 CLAPTON DR	DELAND	32720	LOT 88 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573344	700605000890	SINGLE FAMILY	1	VAN HOUTTEGHEM KIRSTEN		1509 CLAPTON DR	DELAND	32720	LOT 89 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573352	700605000900	SINGLE FAMILY	1	JACKSON GLORIA D		1513 CLAPTON DR	DELAND	32720	LOT 90 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 581
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573361	700605000910	SINGLE FAMILY	1	KAZURI CAPITAL INC		6724 THORNHILL CIR	WINDERMI	34786	LOT 91 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573379	700605000920	SINGLE FAMILY	1	FKH SFR L L P		1850 PARKWAY PL STE 900	MARIETTA	30067	LOT 92 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573387	700605000930	SINGLE FAMILY	1	PENTON SCOTT FENNON		1525 CLAPTON DR	DELAND	32720	LOT 93 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573395	700605000940	SINGLE FAMILY	1	CASUL VICTOR M II		1529 CLAPTON DR	DELAND	32720	LOT 94 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 570
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573409	700605000950	SINGLE FAMILY	1	MALDONADO ABNER JOSE FIGUEROA		1533 CLAPTON DR	DELAND	32720	LOT 95 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573417	700605000960	SINGLE FAMILY	1	FISHER DEBBIE H		PO BOX 4601	DELAND	32721	LOT 96 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 584
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573425	700605000970	SINGLE FAMILY	1	LAWSON MARLA		1534 CLAPTON DR	DELAND	32720	LOT 97 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573433	700605000980	SINGLE FAMILY	1	VALENCIA FABIO		1545 CLAPTON DR	DELAND	32720	LOT 98 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 576
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573441	700605000990	SINGLE FAMILY	1	ABRAHAM LEILA		1549 CLAPTON DR	DELAND	32720	LOT 99 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573450	700605001000	SINGLE FAMILY	1	SHENNETT STEVEN J TR	SHENNETT TERESA SUE TR	1553 CLAPTON DR	DELAND	32720	LOT 100 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573468	700605001010	SINGLE FAMILY	1	NEWCOMB CHARLES C		1272 BRAMLEY LN	DELAND	32720	LOT 101 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573476	700605001020	SINGLE FAMILY	1	MUELLER GABRIEL THOMAS TR		1268 BRAMLEY LN	DELAND	32720	LOT 102 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573484	700605001030	SINGLE FAMILY	1	GRAY RITA MCKINNON		1264 BRAMLEY LN	DELAND	32720	LOT 103 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573492	700605001040	SINGLE FAMILY	1	WEST TERRY L		1260 BRAMLEY LN	DELAND	32720	LOT 104 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573506	700605001050	SINGLE FAMILY	1	DAVIS MARIO		1256 BRAMLEY LN	DELAND	32720	LOT 105 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573514	700605001060	SINGLE FAMILY	1	BERGERON DAVID		1252 BRAMLEY LN	DELAND	32724	LOT 106 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 57
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573522	700605001070	SINGLE FAMILY	1	CURTIS ALFRED E TR	ALFRED E CURTIS REV TRUST 8-24-04	1248 BRAMLEY LN	DELAND	32720	LOT 107 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573531	700605001080	SINGLE FAMILY	1	SHUTTLE STEPHEN D		1566 HACKNEY TER	DELAND	32720	LOT 108 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573549	700605001090	SINGLE FAMILY	1	PARKER KAITLIN M		1562 HACKNEY TER	DELAND	32720	LOT 109 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573557	700605001100	SINGLE FAMILY	1	KAWSAR ABU		1558 HACKNEY TER	DELAND	32720	LOT 110 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 57
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573565	700605001110	SINGLE FAMILY	1	HUTCHINSON TIFFANY DENISE		1554 HACKNEY TER	DELAND	32720	LOT 111 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573573	700605001120	SINGLE FAMILY	1	VISHKURTI LAMIKA		1550 HACKNEY TERR	DELAND	32720	LOT 112 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 59
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573581	700605001130	SINGLE FAMILY	1	ZARMATI MAURICE M TR	MAURICE M ZARMATI TRUST 2-14-24	1000 S POINTE DR UNIT 602	MIAMI BEA	33139	LOT 113 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573590	700605001140	SINGLE FAMILY	1	GORDON VADRICKA DORKESE		1545 HACKNEY TER	DELAND	32720	LOT 114 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573603	700605001150	SINGLE FAMILY	1	HARMS PATRICIA A		1549 HACKNEY TER	DELAND	32720	LOT 115 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573611	700605001160	SINGLE FAMILY	1	EDWARDS LINDA L		1553 HACKNEY TER	DELAND	32720	LOT 116 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573620	700605001170	SINGLE FAMILY	1	AMERICAN HOMES 4 RENT PROPERTIES	SEVEN LLC	23975 PARK SORRENTO STE 300	CALABASA	91302	LOT 117 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573638	700605001180	SINGLE FAMILY	1	DIFAZIO LISA MICHELLE		1561 HACKNEY TER	DELAND	32720	LOT 118 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573646	700605001190	SINGLE FAMILY	1	CASSIDY DEBORAH K		1565 HACKNEY TER	DELAND	32720	LOT 119 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 63
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573654	700605001200	SINGLE FAMILY	1	RIKER CHARLES E		1569 HACKNEY TER	DELAND	32720	LOT 120 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573662	700605001210	SINGLE FAMILY	1	POWELL BRENDA G		1574 ALDRIDGE LN	DELAND	32720	LOT 121 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 60
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573671	700605001220	SINGLE FAMILY	1	SCHNELL ELINOR K		1570 ALDRIDGE LN	DELAND	32720	LOT 122 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573689	700605001230	SINGLE FAMILY	1	HANSON MIKE		1566 ALDRIDGE LN	DELAND	32720	LOT 123 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573697	700605001240	SINGLE FAMILY	1	FANCHER CAROL S		1562 ALDRIDGE LN	DELAND	32720	LOT 124 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573701	700605001250	SINGLE FAMILY	1	AR CHIN INVESTMENTS INC		201 W TARRINGTON DR	DELAND	32724	LOT 125 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573719	700605001260	SINGLE FAMILY	1	REINECKE JOANNE M		1554 ALDRIDGE LN	DELAND	32720	LOT 126 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573727	700605001270	SINGLE FAMILY	1	ZAVOSKEY TAHNEE LAYNE		1552 ALDRIDGE LN	DELAND	32720	LOT 127 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 67
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573735	700605001280	SINGLE FAMILY	1	DEKOYER DANIEL E		1548 ALDRIDGE LN	DELAND	32720	LOT 128 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573743	700605001290	SINGLE FAMILY	1	REMY KALEB L		1544 ALDRIDGE LN	DELAND	32720	LOT 129 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573751	700605001300	SINGLE FAMILY	1	HARRIS VICKI L		1540 ALDRIDGE LN	DELAND	32720	LOT 130 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 57
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573760	700605001310	SINGLE FAMILY	1	PETERSON JOYCE MARY		1536 ALDRIDGE LN	DELAND	32720	LOT 131 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573778	700605001320	SINGLE FAMILY	1	HOBBS PHILIP W		1532 ALDRIDGE LN	DELAND	32720	LOT 132 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573786	700605001330	SINGLE FAMILY	1	CONFIDENTIAL DATA F.S.119.071					LOT 133 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573794	700605001340	SINGLE FAMILY	1	HILL CATHERINE J		1520 ALDRIDGE LN	DELAND	32720	LOT 134 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573808	700605001350	SINGLE FAMILY	1	ACKERMAN EMILY C		1509 LAKESIDE DR	DELAND	32720	LOT 135 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573816	700605001360	SINGLE FAMILY	1	SEARS ERIC T		1512 ALDRIDGE LN	DELAND	32720	LOT 136 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573824	700605001370	SINGLE FAMILY	1	CORMIER MARILYN		1508 ALDRIDGE LN	DELAND	32720	LOT 137 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573832	700605001380	SINGLE FAMILY	1	LOVELAND ILEEN C		1504 ALDRIDGE LN	DELAND	32720	LOT 138 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573841	700605001390	SINGLE FAMILY	1	LENNON DANIEL		1500 ALDRIDGE LN	DELAND	32720	LOT 139 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573859	700605001400	SINGLE FAMILY	1	JABBAR MOHAMMED		1505 ALDRIDGE LN	DELAND	32720	LOT 140 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 58
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573867	700605001410	SINGLE FAMILY	1	GRANT ERIC L		1509 ALDRIDGE LN	DELAND	32720	LOT 141 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573875	700605001420	SINGLE FAMILY	1	PINKERTON ROSS ALAN		1513 ALDRIDGE LN	DELAND	32720	LOT 142 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 59
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573883	700605001430	SINGLE FAMILY	1	OTOOLE					

"EXHIBIT A"

Volusia County Property Appraiser

June 1st Statutory NAVA List for Blue Lake Woods Streetlighting - 2024 Tax Roll

SL Project	ProjName	SL Units	2023 Rate	New Rate	AltKey	ParcelID	PC_DESC	RES_BLDGS	OWN1	OWN2	ADDR1	CITYNAME	ZIPCODE	LEGAL1
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573905	700605001450	SINGLE FAMILY	1	SRENG GREYBOTH HRYNKIEWICH		1516 LOUGHTON ST	DELAND	32720	LOT 145 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573913	700605001460	SINGLE FAMILY	1	LEE RYAN C		1512 LOUGHTON ST	DELAND	32720	LOT 146 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573921	700605001470	SINGLE FAMILY	1	CARLSON SABANIA C		1508 LOUGHTON ST	DELAND	32720	LOT 147 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 67
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573930	700605001480	SINGLE FAMILY	1	ABANDO MARICHU C		1504 LOUGHTON ST	DELAND	32720	LOT 148 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 57
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573948	700605001490	SINGLE FAMILY	1	FERUKU BUJAR		1505 LOUGHTON ST	DELAND	32720	LOT 149 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573956	700605001500	SINGLE FAMILY	1	JELONEK ASHLEY B		1509 LOUGHTON ST	DELAND	32720	LOT 150 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 67
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573964	700605001510	SINGLE FAMILY	1	DIMES SALEM J		1513 LOUGHTON ST	DELAND	32720	LOT 151 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 INC PER O
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573972	700605001520	SINGLE FAMILY	1	TINDAL STEVEN NEAL		1517 LOUGHTON ST	DELAND	32720	LOT 152 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 67
3360	GLENWOOD SPRINGS	1	58.96	59.79	6573981	700605001530	SINGLE FAMILY	1	POULTRY PRIDE INC		381 CADDIE DR	DEBARY	32713	LOT 153 GLENWOOD SPRINGS PHASE 1 MB 52 PGS 104-110 PER OR 57
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786925	700607001540	SINGLE FAMILY	1	KIMBLE TERRI LEE		1309 BRAMLEY LN	DELAND	32720	LOT 154 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786933	700607001550	SINGLE FAMILY	1	BERNARDO MARY JANE JULIAN		1308 BRAMLEY LN	DELAND	32720	LOT 155 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786941	700607001560	SINGLE FAMILY	1	CHUA JINKY		1319 ISLINGTON RD	DELAND	32720	LOT 156 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786950	700607001570	SINGLE FAMILY	1	PEEL STEPHANIE J		1315 ISLINGTON RD	DELAND	32720	LOT 157 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786968	700607001580	SINGLE FAMILY	1	BARBUITO ANTHONY J		1309 ISLINGTON RD	DELAND	32720	LOT 158 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786976	700607001590	SINGLE FAMILY	1	JONES ISAAC		1305 ISLINGTON RD	DELAND	32720	LOT 159 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786984	700607001600	SINGLE FAMILY	1	PAGAYA SMARTRESI F1 FUND PROPERTY	OWNER IV LLC	90 PARK AVE 31ST FLOOR	NEW YORK	10016	LOT 160 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6786992	700607001610	SINGLE FAMILY	1	AR CHIN INVESTMENTS INC		201 W TARRINGTON DR	DELAND	32724	LOT 161 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6045 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787000	700607001620	SINGLE FAMILY	1	HOTTINGER COLLEEN		1535 TEDDINGTON ST	DELAND	32720	LOT 162 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787018	700607001630	SINGLE FAMILY	1	GLICK CRAIG ALLEN		1531 TEDDINGTON ST	DELAND	32720	LOT 163 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787026	700607001640	SINGLE FAMILY	1	GEORGE GWENDELYN F		1527 TEDDINGTON ST	DELAND	32720	LOT 164 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787034	700607001650	SINGLE FAMILY	1	PARTE ROBERT G		1523 TEDDINGTON ST	DELAND	32720	LOT 165 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787042	700607001660	SINGLE FAMILY	1	HELTON MARLON		1519 TEDDINGTON ST	DELAND	32720	LOT 166 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787051	700607001670	SINGLE FAMILY	1	GONZALEZ RAUL JR		1515 TEDDINGTON ST	DELAND	32720	LOT 167 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787069	700607001680	SINGLE FAMILY	1	RILEY TERENCE C		1511 TEDDINGTON ST	DELAND	32720	LOT 168 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787077	700607001690	SINGLE FAMILY	1	CHEN DENGKE		1507 TEDDINGTON ST	DELAND	32720	LOT 169 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787085	700607001700	SINGLE FAMILY	1	LEWIS ANN MARIE		1503 TEDDINGTON ST	DELAND	32720	LOT 170 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787093	700607001710	SINGLE FAMILY	1	GRACZYK RICHARD E		1328 WEYMOUTH DR	DELAND	32720	LOT 171 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787107	700607001720	SINGLE FAMILY	1	LIPARI FRANK		1332 WEYMOUTH DR	DELAND	32720	LOT 172 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787115	700607001730	SINGLE FAMILY	1	PENNEKAMP JOHN D III		1336 WEYMOUTH DR	DELAND	32720	LOT 173 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787123	700607001740	SINGLE FAMILY	1	JACOBS MICHAEL D		1304 WEYMOUTH DR	DELAND	32720	LOT 174 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787131	700607001750	SINGLE FAMILY	1	BECK JOSEPH LLOYD MOORE		1502 TEDDINGTON ST	DELAND	32720	LOT 175 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787140	700607001760	SINGLE FAMILY	1	DUGAN SARAH M		1506 TEDDINGTON ST	DELAND	32720	LOT 176 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787158	700607001770	SINGLE FAMILY	1	DEMO ANNE M		1510 TEDDINGTON ST	DELAND	32720	LOT 177 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787166	700607001780	SINGLE FAMILY	1	KNOP STEVEN B		1514 TEDDINGTON ST	DELAND	32720	LOT 178 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787174	700607001790	SINGLE FAMILY	1	CROSBY LORRAINE E		1518 TEDDINGTON ST	DELAND	32720	LOT 179 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787182	700607001800	SINGLE FAMILY	1	RAYMOND ROBERT W		1522 TEDDINGTON ST	DELAND	32720	LOT 180 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787191	700607001810	SINGLE FAMILY	1	ADKINS DANNY E & DENISE TR		1528 TEDDINGTON ST	DELAND	32720	LOT 181 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787204	700607001820	SINGLE FAMILY	1	GARCIA-CRESPO ANGEL A		1530 TEDDINGTON ST	DELAND	32720	LOT 182 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787212	700607001830	SINGLE FAMILY	1	PUGH JOHN W		1534 TEDDINGTON ST	DELAND	32720	LOT 183 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787221	700607001840	SINGLE FAMILY	1	FRAGE RACHELLE		1538 TEDDINGTON ST	DELAND	32720	LOT 184 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6045 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787239	700607001850	SINGLE FAMILY	1	KOPPERNOLLE CHARLES		1542 TEDDINGTON ST	DELAND	32720	LOT 185 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787247	700607001860	SINGLE FAMILY	1	BOZEMAN MICHAEL		1541 LANCASTHIRE WAY	DELAND	32720	LOT 186 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787255	700607001870	SINGLE FAMILY	1	BANTNER BRITTANY N		1537 LANCASTHIRE WAY	DELAND	32720	LOT 187 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787263	700607001880	SINGLE FAMILY	1	ZBOROWSKI EDWARD		1533 LANCASTHIRE WAY	DELAND	32720	LOT 188 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787271	700607001890	SINGLE FAMILY	1	RIVAS ARLENE		1529 LANCASTHIRE WAY	DELAND	32720	LOT 189 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787280	700607001900	SINGLE FAMILY	1	BLACKWELL MARGARET		1525 LANCASTHIRE WAY	DELAND	32720	LOT 190 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6098 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787298	700607001910	SINGLE FAMILY	1	GONZALEZ CARLO		1521 LANCASTHIRE WAY	DELAND	32720	LOT 191 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787301	700607001920	SINGLE FAMILY	1	DISTEFANO CRAIG J		1517 LANCASTHIRE WAY	DELAND	32720	LOT 192 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787310	700607001930	SINGLE FAMILY	1	SFR JV-2 NTL BORROWER LLC		15771 RED HILL AVE STE 100	TUSTIN	92780	LOT 193 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787328	700607001940	SINGLE FAMILY	1	ROTTMANN GISELA J		1509 LANCASTHIRE WAY	DELAND	32720	LOT 194 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787336	700607001950	SINGLE FAMILY	1	COWSERT LISA M		1505 LANCASTHIRE WAY	DELAND	32720	LOT 195 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787344	700607001960	SINGLE FAMILY	1	BEINHAEUER RICHARD C		2820 WASHINGTON RD	CANONSBL	15317	LOT 196 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787352	700607001970	SINGLE FAMILY	1	PRICE JAMES WAYNE		1500 LANCASTHIRE WAY	DELAND	32720	LOT 197 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6045 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787361	700607001980	SINGLE FAMILY	1	POWERS STEPHANIE Y		1504 LANCASTHIRE WAY	DELAND	32720	LOT 198 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6098 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787379	700607001990	SINGLE FAMILY	1	PEACOCK PATRICIA M		1508 LANCASTHIRE WAY	DELAND	32720	LOT 199 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787387	700607002000	SINGLE FAMILY	1	RILEY CAROL J		112 WATERFORD LN	NORTH SPF	5150	LOT 200 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787395	700607002010	SINGLE FAMILY	1	KNOP STEVEN B		1514 TEDDINGTON ST	DELAND	32720	LOT 201 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787409	700607002020	SINGLE FAMILY	1	FORBES KIMBERLY		1520 LANCASTHIRE WAY	DELAND	32720	LOT 202 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787417	700607002030	SINGLE FAMILY	1	GOLDEN MARY E		1524 LANCASTHIRE WAY	DELAND	32720	LOT 203 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787425	700607002040	SINGLE FAMILY	1	KEIN SHIRLEY LARUE TR		1528 LANCASTHIRE WAY	DELAND	32720	LOT 204 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787433	700607002050	SINGLE FAMILY	1	CESPEDES JOSE		5722 SW 30TH ST	MIAMI	33155	LOT 205 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787441	700607002060	SINGLE FAMILY	1	BRAUER MARY PAMELA		1536 LANCASTHIRE WAY	DELAND	32720	LOT 206 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787450	700607002070	SINGLE FAMILY	1	RENTERIA MOJICA OLIVERIO		1540 LANCASTHIRE WAY	DELAND	32720	LOT 207 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787468	700607002080	SINGLE FAMILY	1	ROSA EDGARDO		1544 LANCASTHIRE WAY	DELAND	32720	LOT 208 GLENWOOD SPRINGS PHASE 2 MB 54 PG 93 PER OR 6703 PG
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787476	700607002090	SINGLE FAMILY	1	KING SHANNON ZABELE		1548 LANCASTHIRE WAY	DELAND	32720	LOT 209 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787484	700607002100	SINGLE FAMILY	1	BAGGETT THOMAS H		1332 BRAMLEY LN	DELAND	32720	LOT 210 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787492	700607002110	SINGLE FAMILY	1	CATES MICHAEL J		1336 BRAMLEY LN	DELAND	32720	LOT 211 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787506	700607002120	SINGLE FAMILY	1	GINES MARY L		1319 BRAMLEY LN	DELAND	32720	LOT 212 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
3360	GLENWOOD SPRINGS	1	58.96	59.79	6787514	700607002130	SINGLE FAMILY	1	JOHNSON ADAM L		1315 BRAMLEY LN	DELAND	32720	LOT 213 GLENWOOD SPRINGS PHASE 2 MB 54 PGS 93-95 INC PER OR
Total Parcels		213		\$ 12,735.27										



The CITY OF DELAND

Volusia County, Florida

RESOLUTION NO. 2024-60

A RESOLUTION OF APPRECIATION AND RECOGNITION BY THE CITY COMMISSION OF THE CITY OF DELAND, FLORIDA, TO JOEY SANCHEZ UPON HIS RETIREMENT AFTER TWENTY-EIGHT YEARS OF SERVICE TO THE CITY OF DELAND; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Police Detective Joey Sanchez has dedicated his career to the safety and protection of our community and to the DeLand Police Department, and has been loyal to his fellow officers and the community throughout his career; and

WHEREAS, Detective Sanchez was hired as a Police Officer by the City of DeLand on June 19, 1996. He was transferred to the Criminal Investigative Unit as a Detective on December 16, 2000. He represented DeLand Police Department as a Detective in two Volusia County multi-agency combined drug task forces. Detective Joey Sanchez was assigned to the West Volusia Narcotics Task Force beginning June 23, 2007 and then he was assigned to the Volusia Bureau of Investigations Task Force February 8, 2008, where he worked for 15 years before transferring back to the Criminal Investigations Division on January 3, 2023. The Florida Narcotic Officers' Association presented the Volusia Bureau of Investigations Task Force with the Region IV Unit of the Year award in 2010. Detective Joey Sanchez also earned numerous letters of commendation from various DeLand Police Department command staff throughout his career. He received letters of appreciation and recognition from the Mayor, Volusia Sheriff's Office, City of Port Orange PD, City of Sanford PD, and Stetson University.; and

WHEREAS, Detective Joey Sanchez, will retire as a sworn Police Detective after twenty-eight years of service to this community; and

WHEREAS, Detective Sanchez's dedication and commitment to the City of DeLand and to the DeLand Police Department and has earned the respect, admiration, and high regard of his superiors and his fellow officers, as well as that of the citizens of this community; and

NOW THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. That the City Commission of the City of DeLand does hereby honor Detective Joey Sanchez for his twenty-eight years of service to the City of DeLand and the DeLand Police Department for the duty, honor, courage, integrity, caring, respect, and loyalty he has devoted to the community.

Section 2. This resolution shall be spread upon the minutes of the City Commission of the City of DeLand as part of the permanent memento of the City's thanks and appreciation to Detective Joey Sanchez.

Section 3. This Resolution shall become effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August 2024.

Christopher M. Cloudman
Mayor - Commissioner

Attest:

Julie A. Hennessy, City Clerk - Auditor

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving Surplus of Glock Firearm for Detective Joey Sanchez Upon His Retirement.

DEPARTMENT: Police

PREPARED BY: Rebecca Ackerman, Project Cord.

ATTACHMENTS: Glock Resolution- Det. J. Sanchez

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The DeLand Police Department requests the following firearm be declared as surplus: One Glock Model 17, Gen 5, 9mm. This firearm will be presented to Detective Joey Sanchez upon his retirement as a token of appreciation in honor of his twenty-eight years of service to the City of DeLand.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government/Maintaining a Safe Community

SUSTAINABILITY:

Safety and Security

FISCAL IMPACT:

The cost of this item at the time of purchase was \$500.50.

RECOMMENDATION:

It is recommended that the City Commission adopt the Resolution declaring the referenced Glock firearm as surplus and present it to Detective Joey Sanchez for his years of service to the City of DeLand.

BACKGROUND/DISCUSSION:

N/A

RESOLUTION NO. 2024 -

**A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA,
DECLARING ONE GLOCK FIREARM TO BE SURPLUS;
AUTHORIZING RETIREMENT OF THE FIREARM; AND PROVIDING
AN EFFECTIVE DATE.**

WHEREAS, The City of DeLand owns a Glock, Model 17, Gen 5, 9mm gun bearing serial number BTWS773; and

WHEREAS, the City Commission of the City of DeLand wishes to retire this weapon; and

WHEREAS, the City Commission of the City of DeLand wishes to present this weapon as a token of appreciation to Detective Joey Sanchez for his years of service to the DeLand Police Department.

**NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF
DELAND, FLORIDA AS FOLLOWS:**

Section 1. The Glock, Model 17, Gen 5, 9mm gun bearing serial number BTWS773, is hereby declared surplus and retired.

Section 2. The Glock, Model 17, Gen 5, 9mm gun bearing serial number BTWS773, is hereby presented to Detective Joey Sanchez as a token of appreciation for his years of service to the DeLand Police Department.

Section 3. This Resolution shall take effect immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August 2024.

Christopher M. Cloudman
Mayor-Commissioner

ATTEST:

Julie A. Hennessy
City Clerk – Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving FY 2023-2024 Budget Amendment.

DEPARTMENT: Finance

PREPARED BY: Daniel Stauffer, Finance Director

ATTACHMENTS: Resolution, FY23-24 Budget Amendment - August 5th Details

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The budget amendments proposed are detailed in the attached summary and recommended after review of actual expenditures to date. The amendments proposed are primarily revisions to reflect anticipated actual revenues and expenditures.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

N/A

SUSTAINABILITY:

N/A

FISCAL IMPACT:

The Resolution amends the budget to reflect recommended changes with the impact on each fund itemized in the attached summary.

Operating Contingency balances after these amendments are as follows:

General Fund	\$143,934
Water & Sewer Fund	\$147,566
Airport Fund	\$0
Stormwater Fund	\$0
Permits & Inspections Fund	\$0

RECOMMENDATION:

Staff recommends the City Commission adopt the Resolution amending the FY 23/24 budget as presented.

BACKGROUND/DISCUSSION:

The significant budget amendments in the General Fund are increased transfers to the Capital Project Fund for Fortinet Ethernet Switch (\$14,500), Compressor replacement at Spec Martin (\$10,973) and Compressor replacement at Sanborn Center (\$13,064).

The significant budget amendments in the Water and Sewer Fund are for the Downtown Water Improvements Phase #1 (\$312,585), a Circuit Breaker replacement (\$27,300), and two air conditioner replacements at Water

Plants 9 and 12 (\$7,830 each).

The significant budget amendment in the Wastewater Trust Fund is to fund the East Regional Force Main Part A1 & A2. This will be funded from Use of Reserves (\$1,644,846), a reduction in Reserve Contingency (\$1,800,00) and an increase in Impact Fees (\$750,000).

RESOLUTION NO. 2024 -

A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA, AMENDING THE BUDGET FOR THE GENERAL FUND, GOVERNMENT IMPACT FEES TRUST FUND, GRANT AND SPECIAL REVENUE FUND, DEBT SERVICE FUND, CAPITAL FUND, WATER AND SEWER FUND, WASTEWATER TRUST FUND, AIRPORT FUND, REFUSE COLLECTION FUND, STORMWATER FUND, PERMITS AND INSPECTIONS FUND AND HEALTH INSURANCE COST CONTAINMENT FUND FOR THE FISCAL YEAR 2023-2024; AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, it is necessary to amend the budget for the City of DeLand for fiscal year 2023-2024; and

WHEREAS, the City Commission is vested by the Charter of the City of DeLand with the authority to amend the budget.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The budget of the City of DeLand for fiscal year 2023-2024 is amended in the following manner:

GENERAL FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		51,081,394	307,542	50,824	51,338,112
	Miscellaneous Revenue				
001-0000-361-100	INTEREST EARNINGS	777,841	267,147	0	1,044,988
001-0000-369-900	MISCELLANEOUS REVENUE	166,500	10,000	0	176,500
001-0000-369-920	INSURANCE PROCEEDS	71,888	17,652	0	89,540
001-0000-369-930	DOWNTOWN CRA CONTRACT SERVICES	85,287	12,743	0	98,030
001-9999-381-430	TRANSFER FROM AIRPORT FUND	275,986	0	50,824	225,162
EXPENDITURES		51,081,394	430,602	173,884	51,338,112
	City Commission				
001-0100-540-100	TRAVEL & PER DIEM	24,185	0	1,000	23,185
001-0100-548-100	PROMOTIONAL ACTIVITIES	1,100	900	0	2,000
001-0100-552-100	OPERATING SUPPLIES	60	100	0	160
	City Clerk				
001-0102-413-100	OTHER SALARIES & WAGES	3,000	7,500	0	10,500
001-0102-547-100	PRINTING & BINDING	44,500	0	8,000	36,500
001-0102-554-100	BOOKS & MEMBERSHIPS	900	500	0	1,400
	Administrative Services				
001-0106-414-110	O/T-DOWNTOWN WAIVED	69,257	12,743	0	82,000
001-0106-414-120	O/T-DOWNTOWN NON WAIVED	14,000	8,000	0	22,000
001-0106-414-130	O/T-OTHER WAIVED	19,600	2,000	0	21,600
001-0106-531-100	PROFESSIONAL SERVICES	116,660	1,500	0	118,160
001-0106-534-100	CONTRACTUAL SERVICES	2,944	650	0	3,594
001-0106-543-100	POWER	169,138	0	11,050	158,088
001-0106-546-100	BUILDING MAINTENANCE	13,160	3,000	0	16,160
001-0106-546-200	PEST CONTROL	530	900	0	1,430
001-0106-549-100	OTHER OBLIGATIONS	12,845	5,000	0	17,845
	Information Technology				
001-0110-546-400	EQUIPMENT MAINTENANCE	994,004	0	14,500	979,504

GENERAL REVENUE FUND (continued)

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
EXPENDITURES		51,081,394	430,602	173,884	51,338,112
	Human Resources				
001-0115-540-100	TRAVEL & PER DIEM	8,500	0	3,000	5,500
001-0115-552-100	OPERATING SUPPLIES	31,500	3,000	0	34,500
	Fire				
001-1222-546-100	BUILDING MAINTENANCE	16,000	10,000	0	26,000
001-1222-546-300	A/C MAINTENANCE	6,825	1,200	0	8,025
001-1222-546-400	EQUIPMENT MAINTENANCE	69,500	14,020	0	83,520
001-1222-549-100	OTHER OBLIGATIONS	40,325	25,000	0	65,325
001-1222-552-000	HARDWARE/SOFTWARE	28,253	15,000	0	43,253
	Fire Prevention				
001-1223-542-100	FREIGHT & POSTAGE	500	0	500	0
001-1223-547-100	PRINTING & BINDING	2,100	0	1,800	300
001-1223-552-140	OPERATING SUPPLIES-UNIFORMS	6,100	0	700	5,400
001-1223-552-400	GAS/OIL	1,500	3,000	0	4,500
	Police				
001-1226-540-100	TRAVEL & PER DIEM	47,593	0	16,000	31,593
001-1226-534-300	JANITORIAL SERVICES	43,900	900	0	44,800
001-1226-543-200	WATER/SEWER/GARBAGE/SW	24,011	8,000	0	32,011
001-1226-544-100	RENTALS & LEASES	48,880	12,000	0	60,880
001-1226-549-100	OTHER OBLIGATIONS	86,170	40,000	0	126,170
001-1226-552-000	HARDWARE/SOFTWARE	90,451	15,277	0	105,728
001-1226-552-400	GAS/OIL	281,503	0	20,000	261,503
001-1226-555-100	TRAINING	73,575	0	16,920	56,655
	Parking Services				
001-1228-551-100	OFFICE SUPPLIES	75	1,200	0	1,275
001-1228-552-100	OPERATING SUPPLIES	2,100	0	1,200	900
	Streets				
001-1302-543-100	POWER	453,600	0	17,500	436,100
001-1302-549-100	OTHER OBLIGATIONS	12,000	17,500	0	29,500
	Trees				
001-1303-552-200	OPERATING CAPITAL	3,000	0	2,600	400
001-1303-555-100	TRAINING	7,200	2,600	0	9,800
	Urban Beautification				
001-1304-546-100	BUILDING MAINTENANCE	22,500	0	16,000	6,500
001-1304-549-100	OTHER OBLIGATIONS	12,000	16,000	0	28,000
	Recreation				
001-1402-552-100	OPERATING SUPPLIES	60,910	0	4,000	56,910
001-1402-552-160	OPERATING SUPPLIES-CONCESSION	12,000	4,000	0	16,000
	Parks				
001-1403-413-100	OTHER SALARIES & WAGES	135,367	0	16,000	119,367
001-1403-544-100	RENTALS & LEASES	4,200	2,105	0	6,305
001-1403-546-400	EQUIPMENT MAINTENANCE	31,550	11,000	0	42,550
001-1403-552-100	OPERATING SUPPLIES	46,800	10,000	0	56,800
001-1403-552-200	OPERATING CAPITAL	98,588	12,455	0	111,043
	DeLand House				
001-1406-546-100	BUILDING MAINTENANCE	29,000	7,000	0	36,000
001-1406-552-100	OPERATING SUPPLIES	1,300	1,000	0	2,300
	Sanborn Center				
001-1407-546-100	BUILDING MAINTENANCE	8,000	6,400	0	14,400
001-1407-546-300	A/C MAINTENANCE	9,168	2,000	0	11,168
001-1407-546-400	EQUIPMENT MAINTENANCE	4,315	1,500	0	5,815
001-1407-552-100	OPERATING SUPPLIES	32,700	1,500	0	34,200

GENERAL REVENUE FUND (continued)

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
EXPENDITURES		51,081,394	430,602	173,884	51,338,112
	Stadium				
001-1408-543-200	WATER/SEWER/GARBAGE/SW	19,777	14,699	0	34,476
	Special Events				
001-1409-534-100	CONTRACTUAL SERVICES	183,000	0	1,000	182,000
001-1409-552-100	OPERATING SUPPLIES	11,000	1,000	0	12,000
	Chisholm Center				
001-1410-413-100	OTHER SALARIES & WAGES	34,424	16,000	0	50,424
001-1410-543-200	WATER/SEWER/GARBAGE/SW	28,186	0	1,200	26,986
001-1410-546-100	BUILDING MAINTENANCE	12,350	1,200	0	13,550
	Conrad/Melching				
001-1412-546-100	BUILDING MAINTENANCE	47,573	2,000	0	49,573
001-1412-552-100	OPERATING SUPPLIES	49,375	3,500	0	52,875
	Transfers				
001-9999-991-190	TRANSFER TO GRANTS & SPEC REV	1,002,884	9,820	4,737	1,007,967
001-9999-991-200	TRANSFER TO DEBT SERVICE FUND	1,210,600	37,165	0	1,247,765
001-9999-991-300	TRANSFER TO CAPITAL PROJECT FUND	6,649,896	58,768	16,177	6,692,487

GOVERNMENT IMPACT FEES TRUST FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		2,135,766	0	37,165	2,098,601
	Other Sources Revenue				
170-0000-380-200	FUNDS C/O FROM PRIOR YEAR	415,434	0	37,165	378,269
EXPENDITURES		2,135,766	0	37,165	2,098,601
	Homeless Shelter				
170-9999-991-200	TRANSFER TO DEBT SERVICE FUND	901,845	0	37,165	864,680

GRANT AND SPECIAL REVENUE FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		4,406,143	11,320	4,738	4,412,725
	Intergovernmental Revenue				
190-0000-343-700	TREE REPLACEMENT	25,000	1,500	0	26,500
190-0000-331-500-PW2101	CDBG 2021 - ROW ADA IMPROV	1	0	1	0
	Transfers				
190-9999-381-001	TRANSFER FROM GENERAL FUND	753,481	9,820	4,737	758,564
EXPENDITURES		4,406,143	19,226	12,644	4,412,725
	Trees				
190-1302-663-000-PW2101	CDBG 2021 - ROW ADA IMPROV	4,738	0	4,738	0
	Streets				
190-1303-552-120	PROFESSIONAL SERVICES	25,000	1,500	0	26,500
	Parks				
190-1403-552-200	CDBG 21&22 - TRA THOMAS PARK IMPROVEMENT	0	7,906	0	7,906
190-1403-664-000-PR2302	CDBG 21&22 - TRA THOMAS PARK IMPROVEMENT	20,000	9,820	0	29,820
190-1403-664-000-PR2401	CDBG 21&22 - TRA THOMAS PARK IMPROVEMENT	6,000	0	3,953	2,047
190-1403-664-000-PR2421	CDBG 21&22 - TRA THOMAS PARK IMPROVEMENT	6,000	0	3,953	2,047

DEBT SERVICE FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		5,356,444	37,165	37,165	5,356,444
	Transfers				
200-9999-381-001	TRANSFER FROM GENERAL FUND	1,210,600	37,165	0	1,247,765
200-9999-381-170	TRANSFER FROM GIFT FUND	901,845	0	37,165	864,680
EXPENDITURES		5,356,444	309,457	309,457	5,356,444
	Debt Service				
200-0106-771-100	PRINCIPAL	290,255	0	187,966	102,289
200-0106-772-200	INTEREST EXPENSE	92,182	0	84,326	7,856
200-1120-771-100	PRINCIPAL	0	48,394	0	48,394
200-1120-772-200	INTEREST EXPENSE	0	17,299	0	17,299
200-1222-771-100	PRINCIPAL	660,922	20,343	0	681,265
200-1222-772-200	INTEREST EXPENSE	143,146	24,231	0	167,377
200-1301-771-100	PRINCIPAL	82,164	16,961	0	99,125
200-1301-772-200	INTEREST EXPENSE	64,751	20,204	0	84,955
200-1403-771-100	PRINCIPAL	415,838	0	16,961	398,877
200-1403-772-200	INTEREST EXPENSE	285,113	0	20,204	264,909
200-1600-771-100	PRINCIPAL	0	28,098	0	28,098
200-1600-772-200	INTEREST EXPENSE	0	8,288	0	8,288
200-1800-771-100	PRINCIPAL	58,912	91,131	0	150,043
200-1800-772-200	INTEREST EXPENSE	28,292	34,508	0	62,800

CAPITAL FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		12,404,150	58,768	16,177	12,446,741
	Transfers				
300-9999-381-001	TRANSFER FROM GENERAL FUND	6,649,896	58,768	16,177	6,692,487
EXPENDITURES		12,404,150	58,768	16,177	12,446,741
	Admin Services				
300-0106-664-000-AD2302	GENERATOR FOR CITY HALL	291,000	9,995	0	300,995
	Information Technology				
300-0110-664-000-IT2411	FORTINET 1048E ETHERNET SWITCH	0	14,500	0	14,500
	Fire				
300-1222-664-0000-FR2408	18" BATTERY OPERATED PPV	0	5,118	0	5,118
300-1222-664-0000-FR2409	18" BATTERY OPERATED PPV	0	5,118	0	5,118
	Police				
300-1226-664-000-PD2412	DRONE	31,176	0	7,177	23,999
	Urban Beautification				
300-1304-662-000-PW2405	NEW SHED FOR DOWNTOWN EVENTS	16,623	0	9,000	7,623
	Parks and Recreation				
300-1403-664-000-PR2424	COMPRESSOR REPLACEMENT AT SPEC MARTIN	0	10,973	0	10,973
300-1403-664-000-PR2425	COMPRESSOR REPLACEMENT AT SANBORN	0	13,064	0	13,064

WATER & SEWER FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		135,473,392	322,785	0	135,796,177
	Miscellaneous Revenue				
401-0000-361-100	INTEREST EARNINGS	827,498	312,785	0	1,140,283
401-9998-382-440	CONTRIBUTION FROM REFUSE FUND	100,000	10,000	0	110,000
EXPENDITURES		135,473,392	366,670	43,885	135,796,177
	Water Production				
401-4203-663-000-UT2404	WP#9 GROUND STORAGE TANK FENCING REPLACE	18,572	0	15,660	2,912
401-4203-664-000-UT2457	A/C REPLACEMENT AT WATER PLANT #9	0	7,830	0	7,830
401-4203-664-000-UT2458	A/C REPLACEMENT AT WATER PLANT #12	0	7,830	0	7,830
	Water Distribution				
401-4204-531-100	PROFESSIONAL SERVICES	21,900	4,200	0	26,100
401-4204-663-000-UT2410	DOWNTOWN WATER IMPROVEMENTS PHASE 1	0	312,585	0	312,585
	Wastewater Treatment				
401-4205-663-000-UT2310	RECLAIM WATER EXPANSION PHASE 6 DESIGN	219,698	405	0	220,103
401-4205-664-000-UT2224	WWTP ADMIN BUILD ROOF A/C REPLACEMENT #1	18,875	0	3,000	15,875
401-4205-664-000-UT2226	WWTP ADMIN BUILD ROOF A/C REPLACEMENT #2	16,875	0	3,000	13,875
401-4205-664-000-UT2314	BIOSOLIDS DUMP TRUCK	220,000	0	21,300	198,700
401-4205-664-000-UT2414	GATOR MAINTENANCE VEHICLE	12,365	0	405	11,960
401-4205-664-000-UT2459	CIRCUIT BREAKER REPLACEMENT	0	27,300	0	27,300
	Utilities Maintenance				
401-4206-664-000-UT2324	6" DRI-PRIME DIESEL PUMP	65,250	0	520	64,730
401-4206-664-000-UT2430	NEW FORD TRANSIT VAN	50,182	520	0	50,702
	Customer Service				
401-4209-549-100	OTHER OBLIGATIONS	20,100	6,000	0	26,100

WASTEWATER TRUST FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		5,623,447	2,394,846	0	8,018,293
404-0000-324-215	IMPACT FEES - SEWER RESIDENTIAL	1,800,000	750,000	0	2,550,000
404-0000-380-000	USE OF RESERVES	259,713	1,644,846	0	1,904,559
EXPENDITURES		5,623,447	4,194,846	1,800,000	8,018,293
404-4240-663-000-WW2205	EAST REGIONAL FORCE MAIN PART A1 & A2	29,076	427	0	29,503
404-4240-663-000-WW2302	EAST REGIONAL FORCE MAIN PART A1 & A3	259,713	4,194,419	0	4,454,132
404-9990-999-200	EAST REGIONAL FORCE MAIN PART A1 & A4	1,800,000	0	1,800,000	0

AIRPORT FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		8,208,141	0	58,724	8,149,417
	Intergovernmental Revenue				
430-0000-389-320-AP2404	DESIGN RUNWAY 5/23 REHAB	280,000	0	6,320	273,680
	Other Sources Revenue				
430-0000-380-000	USE OF RESERVES	54,425	0	52,404	2,021
EXPENDITURES		8,208,141	25,000	83,724	8,149,417
430-4300-549-100	OTHER OBLIGATIONS	78,455	0	25,000	53,455
430-4300-663-000-AP2404	DESIGN RUNWAY 5/23 REHAB	350,000	0	7,900	342,100
430-4300-663-000-AP2408	JOHN DEERE ZERO TURN MOWER	0	25,000	0	25,000
430-9999-991-001	JOHN DEERE ZERO TURN MOWER	275,986	0	50,824	225,162

REFUSE COLLECTION FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		5,160,000	340,000	0	5,500,000
440-0000-343-400	GARBAGE/SOLID WASTES	5,160,000	340,000	0	5,500,000
EXPENDITURES		5,160,000	340,000	0	5,500,000
440-4400-534-100	CONTRACTUAL SERVICES	5,060,000	330,000	0	5,390,000
440-9998-992-401	CONTRIBUTION TO W&S FUND	100,000	10,000	0	110,000

STORMWATER FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		3,749,395	33,070	0	3,782,465
	Other Sources Revenue				
450-0000-364-000	DISPOSITION OF FIXED ASSETS	0	33,070	0	33,070
EXPENDITURES		3,749,395	33,070	0	3,782,465
450-4500-546-400	EQUIPMENT MAINTENANCE	40,900	15,000	0	55,900
450-4500-664-000-SW2412	72" FLAIL MOWER	0	9,565	0	9,565
450-4500-664-000-SW2413	MK960 WIDE AREA MOWER	0	8,505	0	8,505

PERMITS & INSPECTIONS FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		4,726,440	80,000	0	4,806,440
	Charges for Services				
480-0000-322-000	BUILDING PERMIT FEES	1,813,854	80,000	0	1,893,854
EXPENDITURES		4,726,440	135,870	55,870	4,806,440
480-4800-531-100	PROFESSIONAL SERVICES	622,125	0	55,870	566,255
480-4800-534-100	CONTRACTUAL SERVICES	81,000	80,000	0	161,000
480-4800-663-000-PI2404	ACCELA CITIZEN ACCESS REDESIGN	0	25,900	0	25,900
480-4800-663-000-PI2405	ACCELA MASTER PLANNING ESTIMATE SOFTWARE	0	29,970	0	29,970

HEALTH INSURANCE COST CONTAINMENT FUND

Account Number	Account Description	Current Budget	Increase	Decrease	Revised Budget
REVENUES		715,605	7,000	0	722,605
	Miscellaneous Revenue				
500-0000-361-100	INTEREST EARNINGS	0	7,000	0	7,000
EXPENDITURES		715,605	7,000	0	722,605
500-5000-552-100	OPERATING SUPPLIES	150,200	7,000	0	157,200

Section 2. In all other respects the Budget of the City of DeLand, Florida for fiscal year 2023-2024 is hereby ratified and confirmed as adopted by Resolutions 2023-68, 2023-102, 2024-06, 2024-22, 2024-39, 2024-54 & 2024-56.

Section 3. This Resolution shall become effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor-Commissioner

ATTEST:

Julie A. Hennessy
City Clerk-Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

FY 23-24 Budget Amendment Details

ACCOUNT	Account Description	Increase	Decrease	Description
GENERAL FUND				
REVENUES		307,542	50,824	
001-0000-361-100	INTEREST EARNINGS	267,147		Increase funding from Interest Earnings
001-0000-369-900	MISCELLANEOUS REVENUE	10,000		increase funding from Miscellaneous Revenue
001-0000-369-920	INSURANCE PROCEEDS	17,652		increase funding for Tower 81 repair (\$14,020) and Fire Truck Repair (\$3,632)
001-0000-369-930	DOWNTOWN CRA CONTRACT SERVICES	12,743		increase funding from Downtown CRA for O/T - Downtown Waived Events
001-9999-381-430	TRANSFER FROM AIRPORT FUND		44,574	eliminate transfer for Airport Road Repayment
001-9999-381-430	TRANSFER FROM AIRPORT FUND		6,250	eliminate transfer for Airport Road Repayment - Debt Issuance
EXPENDITURES		430,602	173,884	
001-0100-540-100	TRAVEL & PER DIEM		1,000	decrease appropriation for Travel & Per Diem
001-0100-548-100	PROMOTIONAL ACTIVITIES	900		increase appropriation for Promotional Activities
001-0100-552-100	OPERATING SUPPLIES	100		increase appropriation for Operating Supplies
001-0102-413-100	OTHER SALARIES & WAGES	7,500		increase appropriation for Other Salaries & Wages
001-0102-547-100	PRINTING & BINDING		8,000	decrease appropriation for Printing & Binding
001-0102-554-100	BOOKS & MEMBERSHIPS	500		increase appropriation for Books & Memberships
001-0106-414-110	O/T-DOWNTOWN WAIVED	12,743		increase appropriation for O/T - Downtown Waived Events
001-0106-414-120	O/T-DOWNTOWN NON WAIVED	8,000		increase appropriation for O/T - Downtown Non-Waived Events
001-0106-414-130	O/T-OTHER WAIVED	2,000		increase appropriation for O/T - Other Waived Events
001-0106-531-100	PROFESSIONAL SERVICES	1,500		increase appropriation for Annual Tax Roll Review
001-0106-534-100	CONTRACTUAL SERVICES	650		increase appropriation for Contractual Services
001-0106-543-100	POWER		11,050	decrease appropriation for Power
001-0106-546-100	BUILDING MAINTENANCE	3,000		increase appropriation for Building Maintenance
001-0106-546-200	PEST CONTROL	900		increase appropriation for Pest Control
001-0106-549-100	OTHER OBLIGATIONS	5,000		increase appropriation for Other Obligations
001-0110-546-400	EQUIPMENT MAINTENANCE		14,500	decrease appropriation for Fortinet Ethernet Switch
001-0115-540-100	TRAVEL & PER DIEM		3,000	decrease appropriation for Travel & Per Diem
001-0115-552-100	OPERATING SUPPLIES	3,000		increase appropriation for Operating Supplies
001-1222-546-100	BUILDING MAINTENANCE	10,000		increase appropriation for Building Maintenance
001-1222-546-300	A/C MAINTENANCE	1,200		increase appropriation for A/C Maintenance
001-1222-546-400	EQUIPMENT MAINTENANCE	14,020		increase appropriation for Tower 81 repair
001-1222-549-100	OTHER OBLIGATIONS	25,000		increase appropriation for Fire Truck Repair
001-1222-552-000	HARDWARE/SOFTWARE	15,000		increase appropriation for Operative IQ
001-1223-542-100	FREIGHT & POSTAGE		500	decrease appropriation for freight and postage
001-1223-547-100	PRINTING & BINDING		1,800	decrease appropriation for printing and binding
001-1223-552-140	OPERATING SUPPLIES-UNIFORMS		700	decrease appropriation for Uniform costs
001-1223-552-400	GAS/OIL	3,000		increase appropriation for Gas/Oil
001-1226-540-100	TRAVEL & PER DIEM		16,000	decrease appropriation for Travel & Per Diem
001-1226-534-300	JANITORIAL SERVICES	900		increase appropriation for Janitorial Services
001-1226-543-200	WATER/SEWER/GARBAGE/SW	8,000		increase appropriation for Water/Sewer/Garbage
001-1226-544-100	RENTALS & LEASES	12,000		increase appropriation for Rentals & Leases
001-1226-549-100	OTHER OBLIGATIONS	40,000		increase appropriation for deductible billing
001-1226-552-000	HARDWARE/SOFTWARE	15,277		increase appropriation for cell phones for PD (\$8,100) and Drone (\$7,177)
001-1226-552-400	GAS/OIL		20,000	decrease appropriation for Gas/ Oil
001-1226-555-100	TRAINING		16,920	decrease appropriation for Training
001-1228-551-100	OFFICE SUPPLIES	1,200		increase appropriation for Office Supplies
001-1228-552-100	OPERATING SUPPLIES		1,200	decrease appropriation for Operating Supplies
001-1302-543-100	POWER		17,500	decrease appropriation for Power
001-1302-549-100	OTHER OBLIGATIONS	17,500		increase appropriation for deductible billing
001-1303-552-200	OPERATING CAPITAL		2,600	decrease appropriation for Operating Capital
001-1303-555-100	TRAINING	2,600		increase appropriation for Training
001-1304-546-100	BUILDING MAINTENANCE		16,000	decrease appropriation for Building Maintenance
001-1304-549-100	OTHER OBLIGATIONS	16,000		increase appropriation for deductible billing
001-1402-552-100	OPERATING SUPPLIES		4,000	decrease appropriation for Operating Supplies
001-1402-552-160	OPERATING SUPPLIES-CONCESSION	4,000		increase appropriation for Operating Supplies - Concession
001-1403-413-100	OTHER SALARIES & WAGES		16,000	decrease appropriation for Other Salaries & Wages
001-1403-544-100	RENTALS & LEASES	2,105		increase appropriation for Rentals & Leases
001-1403-546-400	EQUIPMENT MAINTENANCE	11,000		increase appropriation for Equipment Maintenance

FY 23-24 Budget Amendment Details

ACCOUNT	Account Description	Increase	Decrease	Description
001-1403-552-100	OPERATING SUPPLIES	10,000		increase appropriation for Operating Supplies
001-1403-552-200	OPERATING CAPITAL	12,455		increase appropriation for Roof Coating - Boy Scout Hut
001-1406-546-100	BUILDING MAINTENANCE	7,000		increase appropriation for Building Maintenance
001-1406-552-100	OPERATING SUPPLIES	1,000		increase appropriation for Operating Supplies
001-1407-546-100	BUILDING MAINTENANCE	6,400		increase appropriation for Building Maintenance
001-1407-546-300	A/C MAINTENANCE	2,000		increase appropriation for A/C Maintenance
001-1407-546-400	EQUIPMENT MAINTENANCE	1,500		increase appropriation for Equipment Maintenance
001-1407-552-100	OPERATING SUPPLIES	1,500		increase appropriation for Operating Supplies
001-1408-543-200	WATER/SEWER/GARBAGE/SW	14,699		increase appropriation for Stadium water bills
001-1409-534-100	CONTRACTUAL SERVICES		1,000	decrease appropriation for Contractual Services
001-1409-552-100	OPERATING SUPPLIES	1,000		increase appropriation for Operating Supplies
001-1410-413-100	OTHER SALARIES & WAGES	16,000		increase appropriation for Other Salaries & Wages
001-1410-543-200	WATER/SEWER/GARBAGE/SW		1,200	decrease appropriation for Water/Sewer/Garbage
001-1410-546-100	BUILDING MAINTENANCE	1,200		increase appropriation for Building Maintenance
001-1412-546-100	BUILDING MAINTENANCE	2,000		increase appropriation for Building Maintenance
001-1412-552-100	OPERATING SUPPLIES	3,500		increase appropriation for Operating Supplies
001-9999-991-190	TRANSFER TO GRANTS & SPEC REV	9,820		increase appropriation for Chisholm Center Marquee Board (\$9,820)
001-9999-991-190	TRANSFER TO GRANTS & SPEC REV		4,737	decrease appropriation for CDBG 2021 ROW ADA Improvements
001-9999-991-200	TRANSFER TO DEBT SERVICE FUND	37,165		increase appropriation for Lake Moore to Road Resurface (correction)
001-9999-991-300	TRANSFER TO CAPITAL PROJECT FUND	58,768		increase transfer for Fortinet Ethernet Switch (\$14,500), Tank Liner for Generator (\$9,995) and Compressor Replacement at Spec Martin (\$10,973) and Sanborn (\$13,064)
001-9999-991-300	TRANSFER TO CAPITAL PROJECT FUND		16,177	decrease transfer for new Shed (\$9,000) and Drone (\$7,177)
GOVERNMENT IMPACT FEES TRUST FUND				
REVENUES		0	37,165	
170-0000-380-200	FUNDS C/O FROM PRIOR YEAR		37,165	decrease Use of Reserves (C/O Funds from PY)
EXPENDITURES		0	37,165	
170-9999-991-200	TRANSFER TO DEBT SERVICE FUND		37,165	decrease appropriation for Lake Moore to Road Resurface (correction)
GRANTS & SPECIAL REVENUE FUND				
REVENUES		11,320	4,738	
190-0000-343-700	TREE REPLACEMENT	1,500		increase funding from Tree Replacement
190-0000-331-500-PW2101	CDBG 2021 - ROW ADA IMPROV		1	decrease funding for CDBG 2021 ROW ADA Improvements
190-9999-381-001	TRANSFER FROM GENERAL FUND		4,737	decrease funding for CDBG 2021 ROW ADA Improvements
190-9999-381-001	TRANSFER FROM GENERAL FUND	9,820		increase funding for Chisholm Center Marquee Board
EXPENDITURES		19,226	12,644	
190-1302-663-000-PW2101	CDBG 2021 - ROW ADA IMPROV		4,738	decrease appropriation for CDBG 2021 ROW ADA Improvements
190-1303-552-120	OPERATING SUPPLIES-TREE RESERVE	1,500		increase appropriation for Operating Supplies - Tree Reserve
190-1403-552-200	OPERATING CAPITAL	7,906		increase appropriation for two Chisholm Scoreboards
190-1403-664-000-PR2302	CDBG 2023 - CHISHOLM MARQUEE BOARD	9,820		increase appropriation for Chisholm Center Marquee Board
190-1403-664-000-PR2401	CDBG 2024 - CHISHOLM REPLACE SCOREBOARD		3,953	decrease appropriation Chisholm replacement scoreboard
190-1403-664-000-PR2421	CDBG 2024 - CHISHOLM ADD 2ND SCOREBOARD		3,953	decrease appropriation for 2nd Chisholm scoreboard

FY 23-24 Budget Amendment Details

ACCOUNT	Account Description	Increase	Decrease	Description
DEBT SERVICE FUND				
REVENUES		37,165	37,165	
200-9999-381-001	TRANSFER FROM GENERAL FUND	37,165		increase funding for Lake Moore to Road Resurface (correction)
200-9999-381-170	TRANSFER FROM GIFT FUND		37,165	decrease funding for Lake Moore to Road Resurface (correction)
EXPENDITURES		309,457	309,457	
200-0106-771-100	PRINCIPAL		187,966	decrease appropriation for Homeless Shelter, FS #83 Improvements, SHRC, Downtown Parking & Voorhis Ave
200-0106-772-200	INTEREST EXPENSE		84,326	decrease appropriation for Homeless Shelter, FS #83 Improvements, SHRC, Downtown Parking & Voorhis Ave
200-1120-771-100	PRINCIPAL	48,394		increase appropriation for Homeless Shelter
200-1120-772-200	INTEREST EXPENSE	17,299		increase appropriation for Homeless Shelter
200-1222-771-100	PRINCIPAL	20,343		increase appropriation for Fire Station #83 Improvements
200-1222-772-200	INTEREST EXPENSE	24,231		increase appropriation for Fire Station #83 Improvements
200-1301-771-100	PRINCIPAL	16,961		increase appropriation for Lake Moore to Resurface
200-1301-772-200	INTEREST EXPENSE	20,204		increase appropriation for Lake Moore to Resurface
200-1403-771-100	PRINCIPAL		16,961	decrease appropriation for Lake Moore to Resurface
200-1403-772-200	INTEREST EXPENSE		20,204	decrease appropriation for Lake Moore to Resurface
200-1600-771-100	PRINCIPAL	28,098		increase appropriation for SHRC
200-1600-772-200	INTEREST EXPENSE	8,288		increase appropriation for SHRC
200-1800-771-100	PRINCIPAL	91,131		increase appropriation for Downtown Parking & Voorhis Ave
200-1800-772-200	INTEREST EXPENSE	34,508		increase appropriation for Downtown Parking & Voorhis Ave
CAPITAL PROJECT FUND				
REVENUES		58,768	16,177	
300-9999-381-001	TRANSFER FROM GENERAL FUND	58,768		increase funding for Fortinet Ethernet Switch (\$14,500), Tank Liner for Generator (\$9,995) and Compressor Replacement at Spec Martin (\$10,973) and Sanborn (\$13,064)
300-9999-381-001	TRANSFER FROM GENERAL FUND		16,177	decrease funding for new Shed (\$9,000) and Drone (\$7,177)
EXPENDITURES		58,768	16,177	
300-0106-664-000-AD2302	GENERATOR FOR CITY HALL	9,995		increase appropriation for Tank Liner for Generator
300-0110-664-000-IT2411	FORTINET 1048E ETHERNET SWITCH	14,500		increase appropriation for Fortinet Ethernet Switch
300-1222-664-0000-FR2408	18" BATTERY OPERATED PPV	5,118		increase appropriation for 18" Battery Operated PPV
300-1222-664-0000-FR2409	18" BATTERY OPERATED PPV	5,118		increase appropriation for 18" Battery Operated PPV
300-1226-664-000-PD2412	DRONE		7,177	decrease appropriation for Drone
300-1304-662-000-PW2405	NEW SHED FOR DOWNTOWN EVENTS		9,000	decrease appropriation for new shed
300-1403-664-000-PR2424	COMPRESSOR REPLACEMENT AT SPEC MARTIN	10,973		increase appropriation for Compressor Replacement at Spec Martin
300-1403-664-000-PR2425	COMPRESSOR REPLACEMENT AT SANBORN	13,064		increase appropriation for Compressor Replacement at Sanborn

FY 23-24 Budget Amendment Details

ACCOUNT	Account Description	Increase	Decrease	Description
WATER & SEWER FUND				
REVENUES		322,785	0	
401-0000-361-100	INTEREST EARNINGS	312,785		increase funding for interest earnings
401-9998-382-440	CONTRIBUTION FROM REFUSE FUND	10,000		increase contribution to W&S Fund
EXPENDITURES		366,670	43,885	
401-4203-663-000-UT2404	WP#9 GROUND STORAGE TANK FENCING REPLACE		15,660	decrease appropriation for Ground Storage Tank Fence
401-4203-664-000-UT2457	A/C REPLACEMENT AT WATER PLANT #9	7,830		increase appropriation for new air conditioner at Water Plant #9
401-4203-664-000-UT2458	A/C REPLACEMENT AT WATER PLANT #12	7,830		increase appropriation for new air conditioner at Water Plant #12
401-4204-531-100	PROFESSIONAL SERVICES	4,200		increase appropriation for Professional Services
401-4204-663-000-UT2410	DOWNTOWN WATER IMPROVEMENTS PHASE 1	312,585		increase appropriation for Downtown Water Main Improvements Design
401-4205-663-000-UT2310	RECLAIM WATER EXPANSION PHASE 6 DESIGN	405		increase appropriation for Reclaim Water Expansion Phase 6 Design
401-4205-664-000-UT2224	WWTP ADMIN BUILD ROOF A/C REPLACEMENT #1		3,000	decrease appropriation for A/C Replacement #1
401-4205-664-000-UT2226	WWTP ADMIN BUILD ROOF A/C REPLACEMENT #2		3,000	decrease appropriation for A/C Replacement #2
401-4205-664-000-UT2314	BIOSOLIDS DUMP TRUCK		21,300	decrease appropriation for Biosolids Dump Truck
401-4205-664-000-UT2414	GATOR MAINTENANCE VEHICLE		405	decrease appropriation for Gator Maintenance Vehicle
401-4205-664-000-UT2459	CIRCUIT BREAKER REPLACEMENT	27,300		increase appropriation for emergency Circuit Breaker replacement
401-4206-664-000-UT2324	6" DRI-PRIME DIESEL PUMP		520	decrease appropriation for Diesel Pump
401-4206-664-000-UT2430	NEW FORD TRANSIT VAN	520		increase appropriation for new Ford Transit Van
401-4209-549-100	OTHER OBLIGATIONS	6,000		increase appropriation for deductible billing
WASTEWATER TRUST FUND				
REVENUES		2,659,613	0	
404-0000-324-215	IMPACT FEES - SEWER RESIDENTIAL	900,000		increase funding from Water Impact Fees
404-0000-361-100	INTEREST EARNINGS	200,000		increase funding from Interest Earnings
404-0000-380-000	USE OF RESERVES	1,559,613		increase funding for East Regional Force Main A-1 & A-2 Construction
EXPENDITURES		4,459,613	1,800,000	
404-4240-663-000-WW2205	EAST REGIONAL FORCE MAIN SEWER DESIGN	427		increase appropriation for East Regional Force Main Sewer Design
404-4240-663-000-WW2301	SJRWMD - RECLAIM WATER EXP CONST PHASE 5	264,767		increase appropriation for Reclaim Water Expansion Phase 5
404-4240-663-000-WW2302	EAST REGIONAL FORCE MAIN PART A1 & A2	4,194,419		increase appropriation for East Regional Force Main A-1 & A-2 Construction
404-9990-999-200	RESERVE CONTINGENCY	-	1,800,000	decrease appropriation for East Regional Force Main A-1 & A-2 Construction
AIRPORT FUND				
REVENUES		0	58,724	
430-0000-389-320-AP2404	DESIGN RUNWAY 5/23 REHAB		6,320	decrease funding for Design Runway 5/23 Rehab
430-0000-380-000	USE OF RESERVES		52,404	decrease funding from Use of Reserves
EXPENDITURES		25,000	83,724	
430-4300-549-100	OTHER OBLIGATIONS		25,000	decrease appropriation for New Admin Building Furnishings
430-4300-663-000-AP2404	DESIGN RUNWAY 5/23 REHAB		7,900	decrease appropriation for Design Runway 5/23 Rehab
430-4300-663-000-AP2408	JOHN DEERE ZERO TURN MOWER	25,000		increase appropriation for John Deere Zero Turn Mower
430-9999-991-001	TRANSFER TO GENERAL FUND		44,574	eliminate transfer for Airport Road Repayment
430-9999-991-001	TRANSFER TO GENERAL FUND		6,250	eliminate transfer for Airport Road Repayment - Debt Issuance
REFUSE COLLECTION FUND				
REVENUES		340,000	0	
440-0000-343-400	GARBAGE/SOLID WASTES	340,000		increase funding from Garbage/Solid Waste Fees
EXPENDITURES		340,000	0	
440-4400-534-100	CONTRACTUAL SERVICES	330,000		increase appropriation for Contractual Services
440-9998-992-401	CONTRIBUTION TO W&S FUND	10,000		increase contribution to W&S Fund

FY 23-24 Budget Amendment Details

ACCOUNT	Account Description	Increase	Decrease	Description
STORMWATER FUND				
REVENUES		33,070	0	
450-0000-364-000	DISPOSITION OF FIXED ASSETS	33,070		Increase funding from Disposition of Fixed Assets
EXPENDITURES		33,070	0	
450-4500-546-400	EQUIPMENT MAINTENANCE	15,000		increase appropriation for Equipment Maintenance
450-4500-664-000-SW2412	72" FLAIL MOWER	9,565		increase appropriation for 72" Flail Mower
450-4500-664-000-SW2413	MK960 WIDE AREA MOWER	8,505		increase appropriation for Wide Area Mower
PERMITS & INSPECTIONS FUND				
REVENUES		80,000	0	
480-0000-322-000	BUILDING PERMIT FEES	80,000		increase funding from Building Permit Fees
EXPENDITURES		135,870	55,870	
480-4800-531-100	PROFESSIONAL SERVICES		29,970	decrease appropriation for Accela Master Planning Estimate Software (reclassify)
480-4800-531-100	PROFESSIONAL SERVICES		25,900	decrease appropriation for Accela Citizen Access Redesign (reclassify)
480-4800-534-100	CONTRACTUAL SERVICES	80,000		increase appropriation for Bank Fees
480-4800-663-000-PI2404	ACCELA CITIZEN ACCESS REDESIGN	25,900		increase appropriation for Accela Citizen Access Redesign (reclassify)
480-4800-663-000-PI2405	ACCELA MASTER PLANNING ESTIMATE SOFTWARE	29,970		increase appropriation for Accela Master Planning Estimate Software (reclassify)
HEALTH INSURNACE COST CONTAINMENT FUND				
REVENUES		7,000	0	
500-0000-361-100	INTEREST EARNINGS	7,000		increase from Interest Earnings
EXPENDITURES		7,000	0	
500-5000-552-100	OPERATING SUPPLIES	7,000		increase appropriation for Operating Supplies

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving the Amendment of the Community Development Block Grant Project List for Fiscal Year 2024-2025.

DEPARTMENT: Legal

PREPARED BY: Darren Elkind, City Attorney

ATTACHMENTS: Resolution

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The CDBG budget adopted for fiscal year 2024-2025 included the purchase and installation of a standby generator for the lift station at Division and Kentucky Avenues. That lift station no longer qualifies for use of CDBG funds so staff will place the generator at the lift station at East Beresford and Hill Avenues. There is no change to the budget.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High value government.

SUSTAINABILITY:

NA

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve the resolution.

BACKGROUND/DISCUSSION:

Following adoption of the 2024-2025 CDBG budget and submittal of the project list, the County advised the City that due to a change in calculations, the area of the originally chosen lift station no longer qualified for the use of CDBG funds. As such, the City needed to choose a different location that was eligible.

RESOLUTION NO. 2024 -

A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA, AMENDING THE COMMUNITY DEVELOPMENT BLOCK GRANT PROJECT LIST FOR FISCAL YEAR 2024-2025; PROVIDING FOR CONFLICTS, SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the City of DeLand annually adopts a Community Development Block Grant (“CDBG”) Budget which includes a list of projects that the CDBG funds will be spent on; and

WHEREAS, the City Commission adopted Resolution Number 2024-51 which adopted the CDBG budget for fiscal year 2024-2025 and the said resolution included a specific list of projects; and

WHEREAS, due to a change at the County, one of the projects on the project list (stand by generator for Lift Station #61 (Division / Kentucky)) is no longer eligible for CDBG funding due to the location of the that lift station, and the City will use the same funds for a standby generator at different lift station (Lift Station #16 (E. Beresford Avenue / Hill)) which lift station is eligible for CDBG funding; and

WHEREAS, the County of Volusia does not need any additional documentation regarding this change, but this Resolution is being adopted in order to memorialize the change and authorize the use of the funds as set forth herein.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The City Commission of the City of DeLand hereby adopts and incorporates into this Resolution, as the findings and intent of the City Commission, the recitals (whereas clauses) to this Resolution.

Section 2. The City Commission hereby amends the project list included in Exhibit “A” to Resolution Number 2024-51 by substitution a standby generator for City of DeLand Lift Station #16 (E. Beresford Avenue / Hill) for Lift Station #61 at the same dollar amount.

Section 3. Other than as amended by this Resolution, the remainder of Resolution Number 2024-51 shall remain in full force and effect.

Section 4. All resolutions or parts of resolutions and other actions of the City Commission in conflict with this Resolution are hereby repealed.

Section 5. If any section, sentence, phrase, word or portion of this Resolution is determined to be invalid, unlawful or unconstitutional, said determination shall not be held to invalidate or impair the validity, force or effect of any other section, sentence, phrase, word or portion of this Resolution not otherwise determined to be invalid, unlawful or unconstitutional.

Section 6. This Resolution shall become effective immediately upon adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy
City Clerk - Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Utility Service Agreement and Fair Share Agreement for the Dean River Subdivision, Located on the South West Corner of Old New York Avenue and Shell Road.

DEPARTMENT: Utilities

PREPARED BY: Jim Ailes, Deputy Public Serv. Director/Utilities Director

ATTACHMENTS: Dean River Fair Share Agreement, Dean River Utility Service Agreement, Dean River Exhibit B

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

The Dean River subdivision complex project is located on the south west corner of Old New York Ave and Shell Road. The proposed subdivision will equate to two hundred and twenty-nine (229) residential units. The attached Utility Service Agreement contains the usual terms and conditions required by the City for utility service. No reimbursement for oversizing of offsite utilities is provided.

The project is also in the West Side Interceptor Force Main service area. Thus, as is consistent with City policy, the developer has executed a West Side Interceptor Force Main Concurrency and Fair Share Agreement which is intended to compensate the City for use of the West Side Interceptor Force Main in proportion to the capacity of that pipeline used by the developer.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government.

SUSTAINABILITY:

Infrastructure.

FISCAL IMPACT:

At buildout, the City will receive water and impact fees and ongoing utility revenue from the two hundred and twenty-nine equivalent residential units constructed. In addition, the City will receive payment for the West Side Interceptor Fair Share contribution in the amount of \$205,871 (\$899 per unit x 229 units).

RECOMMENDATION:

Staff recommends that the City Commission approve the attached Utility Service Agreement and Fair Share Agreement for the Dean River subdivision.

BACKGROUND/DISCUSSION:

N/A

**WESTSIDE INTERCEPTOR FORCE MAIN
CONCURRENCY AND FAIR SHARE AGREEMENT
FOR
DEAN RIVER**

This Westside Interceptor Force Main Concurrency and Fair Share Agreement (the "Agreement") is made and entered into this ____ day of _____, 2024, by and between the City of DeLand, Florida, a Chartered Florida Municipality located in Volusia County, Florida, ("City") and STRADA DEVELOPMENT, LLC with its principal office located at 3400 Johns Parkway, Sanford, FL, 32771 ("Developer").

Tax Parcel ID. Numbers:
792301100010

22 & 23-17-29 ALL BLKS 10 TO 15 INC S OF OLD NEW YORK AVE ST JOHNS RIVER
LAND CO SUB MB 14 PG 163 PER OR 5001 PGS 2983-2984 PER OR 6340 PGS 4439-4440
PER OR 8377 PG 4452

792300000080

23-17-29 ALL GOVT LOT 5 DB 352 PG 116 PER OR 2404 PG 1996 PER OR 6006 PGS 2918-
2919 PER OR 6340 PGS 4439-4440 PER OR 8377 PG 4452

RECITALS

WHEREAS, attached to this Concurrency and Fair Share Agreement ("Agreement"), are exhibits describing in greater detail the parties hereto, real property, Westside Force Main and Master Pump Station Impact Fee Surcharge Study and the sanitary sewer utility improvements which are referenced throughout this Agreement. The parties agree that all attached exhibits have been reviewed by the parties and their respective professional consultants, and all information set forth or otherwise referenced therein is deemed incorporated herein by reference; and

WHEREAS, unless otherwise stated, the Developer is the owner of the real property described in the attached Exhibit "A." Developer desires to permit, develop and, if appropriate, plat the real property for an approximately 217.91-acre single-family subdivision (**DEAN RIVER**); and, in addition to other requirements, is seeking to comply with the City's concurrency requirements for wastewater utilities; and

WHEREAS, the City would not have sufficient wastewater transmission lines in the vicinity of the Project without the installation of the Westside Interceptor Force Main such that the Project could not be built without the Westside Interceptor Force Main; and

WHEREAS, the Westside Interceptor Force Main, as more particularly described in the attached Exhibits, is required in order for the Project to meet minimum concurrency requirements for wastewater to support the proposed Project; and

WHEREAS, it would not be feasible for the Developer to install the entire Westside Interceptor Force Main at its sole expense; and

WHEREAS, the Westside Interceptor Force Main will provide sanitary sewer transmission capacity to other developments in the vicinity of the Project such that it is more practical and fair that the City install the Westside Interceptor Force Main and collect from the Developer only its fair share cost of the said Westside Interceptor Force Main; and

WHEREAS, the City is desirous of including the Concurrency Improvements described below in the City's Comprehensive Plan Capital Improvement Element in the next annual amendment; and

WHEREAS, the City and the Developer desire to enter into this Agreement in order to utilize the provisions of Section 163.3180(11) Florida Statutes (2005) to implement the "fair share" process.

NOW, THEREFORE, in consideration of the mutual covenants contained herein and other valuable considerations, the receipt and sufficiency of which are hereby acknowledged, the City and Developer, hereby agree as follows:

1. **Incorporation of Recitals.** The presumptions and facts stated above in the recitals are incorporated by reference herein and deemed by the parties to be true, correct and constitute a material part of this Agreement.
2. **Construction.** The City agrees to construct, or to have constructed, the Westside Interceptor Force Main in accordance with the plans and specifications for the said project, which plans may be amended from time to time in the normal course of construction. Construction of the Westside Interceptor Force Main will commence and be complete to meet concurrency requirements, unless delay is caused for reasons outside of City's control, in which case construction will commence or recommence as soon as is reasonably practical. For purposes of this Agreement, "reasons outside of City's control" shall mean: delays or stoppage caused by acts of God, war, inability to obtain labor or materials or reasonable substitutes therefore, inability to receive governmental permits and approvals newly enacted governmental regulations or controls, the application of existing regulations or controls in a manner which City could not have foreseen or other similar matters or causes.
3. **Payment of Fair Share Assessment Amount.** In connection with the City's construction of the Westside Interceptor Force Main and as a requirement for receiving preliminary plat approval for the Project(s), Developer shall pay to the City a fair share assessment, ("Fair Share Payment"). The Fair Share Payment shall be an amount determined by multiplying the number of lots/units in the subdivision or equivalent residential units for a non-residential project times \$899.00 which is the per residential dwelling unit determined by the Westside Force Main and Master Pump Impact Fee Surcharge Study attached hereto as Exhibit "B". For this project, the number of equivalent residential units is mutually agreed to be 229. The Developer shall be required to make payment for the total amount of its

Fair Share Payment at the time of approval of the preliminary plat or site plan for the Project, and must be received by the City prior to issuance of any development permits by the City. The requirement to make the Fair Share Payment shall be deemed to be a condition of approval of the preliminary plat or site plan for the project, regardless of whether any resolution or other action of the City evidencing approval of the preliminary plat or site plan specifically references such condition. In the event that the actual number of lots approved by way of approval of the final plat exceeds those approved in preliminary plat, then Developer shall pay, as a condition of approval of the final plat, the additional fee for those lots, or be entitled to a refund, as the case may be.

4. **Vested Rights in Wastewater Concurrency.** The City agrees that by paying the City the Fair Share Payment, and by receiving a Development Order for the Project, Developer will be deemed to have satisfied the City's wastewater concurrency requirements for the Project and that the Project shall be fully vested with wastewater concurrency for purposes of development and related Project construction, subject only to the requirement to pay sewer impact fees which become due and payable in accordance with the City's wastewater impact fee ordinance, as the same may be amended from time to time.
5. **No Entitlement to Impact Fee Credits.** Nothing herein is intended to entitle the Developer to any credit toward, or to otherwise reduce its obligation to pay sewer impact fees pursuant to the City's sewer impact fee ordinance, as the same may be amended from time to time.
6. **Miscellaneous.**
 - A. **Attorney's Fees.** In the event of litigation to enforce the terms of this Agreement, the prevailing party shall be entitled to collect from the other party reasonable attorney's fees and costs of suit.
 - B. **Venue and Choice of Law.** In the event of litigation regarding the terms of this Agreement or documents executed as a result of this Agreement, venue of the action shall be in Volusia County and Florida law shall apply. Trial shall be non-jury for any issues subject to trial.
 - C. **Waiver.** The waiver by a party of any terms or conditions of this Agreement or any breach hereof shall not constitute a waiver of any other term or condition or any subsequent breach of this Agreement.
 - D. **Successors.** This Agreement shall be binding on the parties hereto, their heirs, administrators, executors, successors in interest and assigns.
 - E. **Construction of Contract.** The parties hereto agree that they have all participated in the drafting of this Agreement. Therefore, the presumption that any ambiguity or vagueness in the construction of this Agreement shall be construed against the drafter shall not apply. The terms and provisions of the Agreement shall be applied equally to each party and the interpretation of the Agreement shall be guided by the express intent of the parties as determined by the overall effect of the provisions herein.

G. Amendments. Amendment to this Agreement shall not be effective unless in writing and signed by all record title property owners of the land for which the amendment is to be applied (but excluding the record title property owners for land that is unaffected by the amendment), and the City. Before amending this Agreement, the City shall conduct at least one public hearing. At the City's option, one of these public hearings may be held by the City Planning Board.

i. Notice of intent to consider an amendment to this Agreement shall be published by the City at the Developer's expense in a newspaper of general circulation and readership in Volusia County, Florida.

ii. If applicable, notice of intent to consider an amendment shall comply with the requirements of Section 166.041(3)(c), Florida Statutes (2005), as amended from time to time.

iii. Notices of intent to consider an amendment shall specify the location of the Property subject to the proposed amendment, the nature of the proposed amendment and such other information as the City Staff shall reasonably deem pertinent and appropriate.

iv. All notices shall specify a place where a copy of the proposed amendment can be obtained.

H. Conflicts. Developer agrees to be bound by all City codes and ordinances that are not in conflict with the provisions of this Agreement.

I. Recording. This Agreement shall be recorded by the City in the Public Records of Volusia County, Florida.

J. Binding Nature and Covenants Running With the Land. The provisions of this Agreement shall be binding upon the parties hereto, and upon all successors in interest in the subject real property. And further, the provisions of this Agreement shall constitute covenants running with the land applicable to all of the subject real property comprising the Project.

K. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same instrument. The delivery by facsimile of an executed copy of this Agreement shall be deemed valid as if an original signature was delivered.

IN WITNESS WHEREOF, the parties affix their signatures and seals on the dates set forth below:

WITNESSES:

CITY OF DELAND, a Florida
Municipal Corporation

Printed Name: _____

Printed Name: _____
Christopher M. Cloudman, Mayor

Printed Name: _____

Printed Name: _____

Attest: _____
Julie A. Hennessey, City Clerk

Printed Name: _____

Date: _____

(Corporate Seal)

STATE OF FLORIDA
COUNTY OF VOLUSIA

The foregoing instrument was acknowledged before me this _____ day of _____, 2024, by Christopher M. Cloudman and Julie A. Hennessey, as Mayor and City Clerk, respectively, of the City of DeLand, a Florida municipality, on behalf of the City. They are personally known to me or have produced as _____ identification.

Notary Public, State of Florida at Large Commission Number

WITNESSES:

STRADA DEVELOPMENT, LLC

[Signature]
Printed Name: Stacy Rhoades

[Signature]
Printed Name: Viviana Anderson

[Signature]
Printed Name: Arthi Bannister

[Signature]
Printed Name: Diana Perez

By: [Signature]
Name/Title: Joe Strada Manager

Attest: _____
Name/Title: _____

Date: _____

STATE OF Florida
COUNTY OF Seminole

The foregoing instrument was acknowledged before me this 16 day of July, 2024,
by Joe Strada and _____, in their respective
official capacities as Manager and _____, respectively, on
behalf of Strada Development, a Florida _____. They are ☒ personally known to me, or ☐ have produced _____ as
identification.



Marcia Wood
Notary Public
State of Florida
Comm# HH102413
Expires 3/9/2025

NOTARY PUBLIC: [Signature]
Notary Public, State of Florida at Large
Seal, Term Expiration and Commission Number

**UTILITY SERVICE AGREEMENT
FOR
DEAN RIVER**

THIS AGREEMENT is entered into this ____ day of _____, 2024, between the City of DeLand (City) and STRADA DEVELOPMENT, LLC (Developer) regarding utility service for the, DEAN RIVER project. In consideration of the mutual covenants and conditions in this Agreement, and subject to any necessary approval by any other governmental agency having jurisdiction, the parties agree as follows:

Section 1. City to furnish service. Upon the terms and conditions in this Agreement, and in accordance with the City's rules and regulations, the City shall provide and shall have the exclusive right to furnish potable water, domestic sewer and reuse irrigation services to the real property located to the SW of the intersection of S Shell Rd and the (2700-2800 block) of Old New York Ave, DeLand, FL and described as:

TAX PARCEL NUMBERS
79230000080

23-17-29 ALL GOVT LOT 5 DB 352 PG 116 PER OR 2404 PG 1996 PE
R OR 6006 PGS 2918-2919 PER OR 6340 PGS 4439-4440 PER OR 837
7 PG 4452 PER OR 8528 PG 0832

792301100011

22 & 23-17-29 PORTION OF PARCEL AS DESCRIBED IN OR 8528 PG 0
832 MEAS 2139.68 FT ON E/L & BEING PART OF BLKS 10 THRU 15 L
YING S OF OLD NEW YORK AVE ST JOHNS RIVER LAND CO SUB MB 14

Section 2. Service conditioned on construction and acceptance of systems. No water, wastewater or reuse service shall be provided to any part of the property, and no connections to such systems shall be allowed, until the Developer has installed system facilities and improvements in accordance with approved plans and specifications and the City has accepted the conveyance of the systems in writing. The Developer shall apply in writing to the City Engineer for acceptance of the systems. Upon acceptance of the systems, all construction guarantees in favor of the City shall be released.

Section 3. Installation of improvements. The Developer shall install, at its own initial cost and expense (including engineering costs), all lines, pipes, manholes, lift stations, generators, RTU, machinery and other facilities which may be required on and off Developer's property to provide the buildings and occupants with water, wastewater or reuse service and to connect the property to existing City facilities and systems. Upon completion, all off-site and onsite utility improvements shall be conveyed and dedicated to the City. The improvements to be constructed by the Developer off the Developer's property (off-site improvements) shall include:

- Connect to existing Water Main with a 12"x12"x10" stainless steel tapping sleeve and one 10" Gate Valve, and approximately 5600 LF +/- of 10" PVC piping, 138 LF +/- 12" HDPE piping, five additional inline 10" Gate Valves, one 10"x10"x8" TEE with an 8" Gate Valve and a 2" Blow Off.

- Connect to existing Force Main with a 10"x10"x6" Stainless Steel tapping sleeve and 6" gate valve, one inline 6" Gate Valve and approximately 2700 LF +/- of 6" PVC piping.
- All connections to City facilities shall be made at Developer's expense. All water meters 2" and smaller will be installed by the City at the Developer's expense. All onsite water and sewer improvements shall be conveyed and dedicated to the City.
- Any other installations required in accordance with the plans and specifications for the subject development or which are otherwise required in accordance with sound utility engineering practices.

Section 4. Approval of design and plans. The design and construction of all facilities to be transferred to and owned and operated by the City shall be subject to prior approval by the City Engineer. The Developer's engineer shall incorporate all applicable standards and specifications of the City into the Developer's engineering design, plans and specifications. The City shall provide assistance to the Developer's engineers as to design and construction requirements and must approve all construction plans and specifications in writing prior to any construction being commenced. The Developer shall obtain all necessary state, county and local permits required for construction, acceptance and operation of the improvements.

Section 5. Access to construction; approval of work and materials. The City may inspect the construction to ensure compliance with the approved plans and specifications and shall retain the power of final approval of work and materials.

Section 6. Testing during and after construction. The Developer's engineer shall properly supervise construction and shall certify to the City Engineer that the systems are installed in accordance with the approved design plans and specifications. The Developer shall conduct at its own expense whatever tests are deemed by the City Engineer to be necessary and reasonable to ensure that the systems are being constructed in accordance with the approved engineering plans and specifications.

Section 7. Conveyance of easements and improvements. The Developer shall at its expense grant to the City adequate transferable easements for water, sewer and reuse lines, for access to lift stations and water stations and related appurtenances as may be deemed necessary by the City.

Section 8. Evidence of conveyance of facilities. By this Agreement Developer hereby transfers to the City the title to the water, wastewater and reuse systems, facilities and improvements to be installed pursuant to this Agreement, effective without further action upon the completion and acceptance by the City of the installation of those systems. As further evidence of this transfer of title, the Developer shall provide to the City a copy of the recorded plat, if any; a bill of sale for the facilities; written easements; deeds to the land on which lift stations, water stations or similar facilities are located; and other evidences of conveyance required by the City.

Section 9. Additional documents to be provided before acceptance of facilities. In addition to the documents of title listed in the previous paragraph, the Developer shall provide to the City the following documents prior to acceptance of the facilities: As-built drawings of utility improvements, (one hard copy signed and sealed, one PDF and one AUTOCAD delivered on a USB drive) furnished one week prior to final inspection; an accounting of the actual costs (schedule of values) for on-site and off-site construction; letters of acceptance from the appropriate regulatory agency for the systems; certification by the design engineer that the system was constructed as designed; and right-of-way use permits and other permits and licenses obtained from applicable government agencies.

Section 10. Uninterrupted supply not guaranteed. The City does not guarantee an uninterrupted supply of water or reuse at any particular pressure, nor does it assume any duty or obligation to furnish water for extinguishing fires. The City reserves the right to shut off the water in its mains temporarily for necessary purposes. The City shall not be responsible for any damage caused by low pressure, interruption of service or variations in water quality or content.

Section 11. Connections subject to rates and fees. All connections to the water, wastewater and reuse systems shall be subject to the continuing operating rules and regulations of the City including, without limitation, the periodic payment of water, wastewater and reuse charges and fees as provided in the City's rate schedule, and payment of all deposits, meter charges and other fees, rates and charges, including development fees. The rates charged by the City for water, sewer, or reuse service shall be in accordance with its rate schedule, which shall be subject to change from time to time.

Section 12. Reimbursement for oversizing of off-site improvements. This Section Not Used

Section 13. Surcharge for non-domestic waste. The terms wastewater or sanitary sewage used in this agreement are meant to include only human waste, including liquids and solid matter carried from plumbing fixtures normally carried off by drains and sewers, and, except where specifically excluded, bath and toilet wastes, laundry wastes, kitchen wastes and other similar wastes. This service agreement, and any charges contained in this agreement, is based on normal domestic sewage, defined herein as containing not more than two hundred (200) parts per million biochemical oxygen demand or two hundred (200) parts per million suspended solids. Whenever water which contains more than these amounts is to be admitted to the sewers the City and all other pollution control agencies must specifically agree to the connection and an additional charge shall be imposed in accordance with City regulations.

Section 14. Developer to obtain permits. The Developer shall obtain all governmental approvals, licenses and permits necessary for the design, routing, construction, connection and use of the water, wastewater and reuse systems to be installed under this agreement. The City shall render assistance to the Developer in obtaining these approvals, licenses and permits.

Section 15. Service of other properties. The City reserves the right to service other properties through the facilities conveyed by the Developer, and nothing in this Agreement shall be deemed to prohibit or prevent the City from extending its water, wastewater or reuse facilities to any other area.

Section 16. Default by Developer. The Developer's failure to carry out any provision in this agreement shall relieve the City from its obligation to provide water, wastewater or reuse service to the property.

Section 17. Covenant to support annexation. As a condition of supplying potable water, sanitary sewer or reuse service to the proposed DEAN RIVER, Developer agrees to sign a covenant to support annexation to the City of DeLand. This covenant shall be recorded and shall be binding upon all successors and assigns.

Section 18. Entire Agreement; amendment. It is expressly agreed and understood that this is the entire Agreement between the Developer and the City, and that there are no other written or verbal agreements applicable to the subject of this Agreement between the Developer and the City. This Agreement may be amended and modified from time to time by written agreement of the parties.

Section 19. Miscellaneous

- A. Successors. This Agreement shall be binding on the parties hereto, their heirs, administrators, executors, successors in interest and assigns.
- B. Binding Nature and Covenants Running With the Land. The provisions of this Agreement shall be binding upon the parties hereto, and upon all successors in interest in the subject real property. And further, the provisions of this Agreement shall constitute covenants running with the land applicable to all of the subject real property comprising the project.
- C. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same instrument. The delivery by email copy of an executed copy of this Agreement shall be deemed valid as if an original signature was delivered.
- D. Governing Law; Venue. This Agreement shall be construed and interpreted according to the laws of the State of Florida, and all duly adopted ordinances, regulations, and policies of the City now in effect and those hereinafter adopted. The location for settlement of any and all claims, controversies, or disputes, arising out of or relating to any part of this Agreement, or any breach hereof, shall be Volusia County, Florida.
- E. Severability. If any word, phrase, sentence, paragraph or other portion of this Agreement is finally determined by a court of competent jurisdiction to be void or unenforceable then such word, phrase, sentence, paragraph or other portion shall be severed from this Agreement and the balance shall remain in full force and effect to the greatest extent permitted by law.
- F. Effective Date. The effective date of this agreement shall be the date that it is last executed by a party as set forth below.

STRADA DEVELOPMENT, LLC

Joe Strada
Name: Joe Strada
Title: Manager

ATTEST:

Name: _____
Secretary

[Signature]
Witness
[Signature]
Witness

CITY OF DELAND

Christopher M. Cloudman
Mayor

ATTEST:

Julie A. Hennessy
City Clerk - Auditor

Witness

Witness

STATE OF FLORIDA
COUNTY OF VOLUSIA

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this ____ day of _____, 2024 by Christopher M. Cloudman, Mayor-Commissioner of the City of DeLand, Florida who is ☐ personally known to me or ☐ who has produced, _____ as identification

Notary Public - State of Florida

Name: _____
My Commission expires: _____

STATE OF FLORIDA
COUNTY OF VOLUSIA

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 16 day of July, 2024 by Joe Strada the Manager of STRADA DEVELOPMENT, LLC who is ☒ personally known to me or ☐ who has produced, _____ as identification.

 Marcia Wood
Notary Public
State of Florida
Comm# HH102413
Expires 3/9/2025

Marcia Wood
Notary Public - State of Florida
Name: Marcia Wood
My Commission expires: 3/9/25

Contact Information:

OWNER(S):

DEAN RIVER LLC
P.O. BOX 700173
ST. CLOUD, FL 34770
PHONE: (321) 624-3126

APPLICANT / DEVELOPER:

DEAN RIVER LLC
P.O. BOX 700173
ST. CLOUD, FL 34770
PHONE: (321) 624-3126

ENGINEER:

MADDEN, MOORHEAD, & STOKES, LLC
431 E HORATIO AVE., SUITE 260
MAITLAND, FLORIDA 32751
PHONE: (407) 629-8330

GEOTECHNICAL:

UNIVERSAL ENGINEERING SCIENCES
911 BEVILLE ROAD, SUITE 3
SOUTH DAYTONA, FLORIDA 32119
PHONE: (386) 756-1105

SURVEYOR:

HAMILTON ENGINEERING & SURVEYING, LLC
3409 W. LEMON STREET
TAMPA, FLORIDA 33609
PHONE: (813) 250-3535

ENVIRONMENTAL:

BIO-TECH CONSULTING INC.
3205 EAST SOUTH STREET
ORLANDO, FL 32803
PHONE: (407) 894-5969

Utility Contact

WATER & WASTEWATER:

CITY OF DELAND UTILITIES
120 S FLORIDA AVE.
DELAND, FL 32720
PHONE: (386) 626-7051

PHONE:

AT&T
268 RIDGEWOOD AVE, 2ND FLR
DAYTONA BEACH, FL 32114
PHONE: (386)-281-6954
EMAIL: DR5686@CHPK.COM

POWER:

DUKE ENERGY
PHONE: 407-938-6602
EMAIL: DEFUDT@DUKE-ENERGY.COM

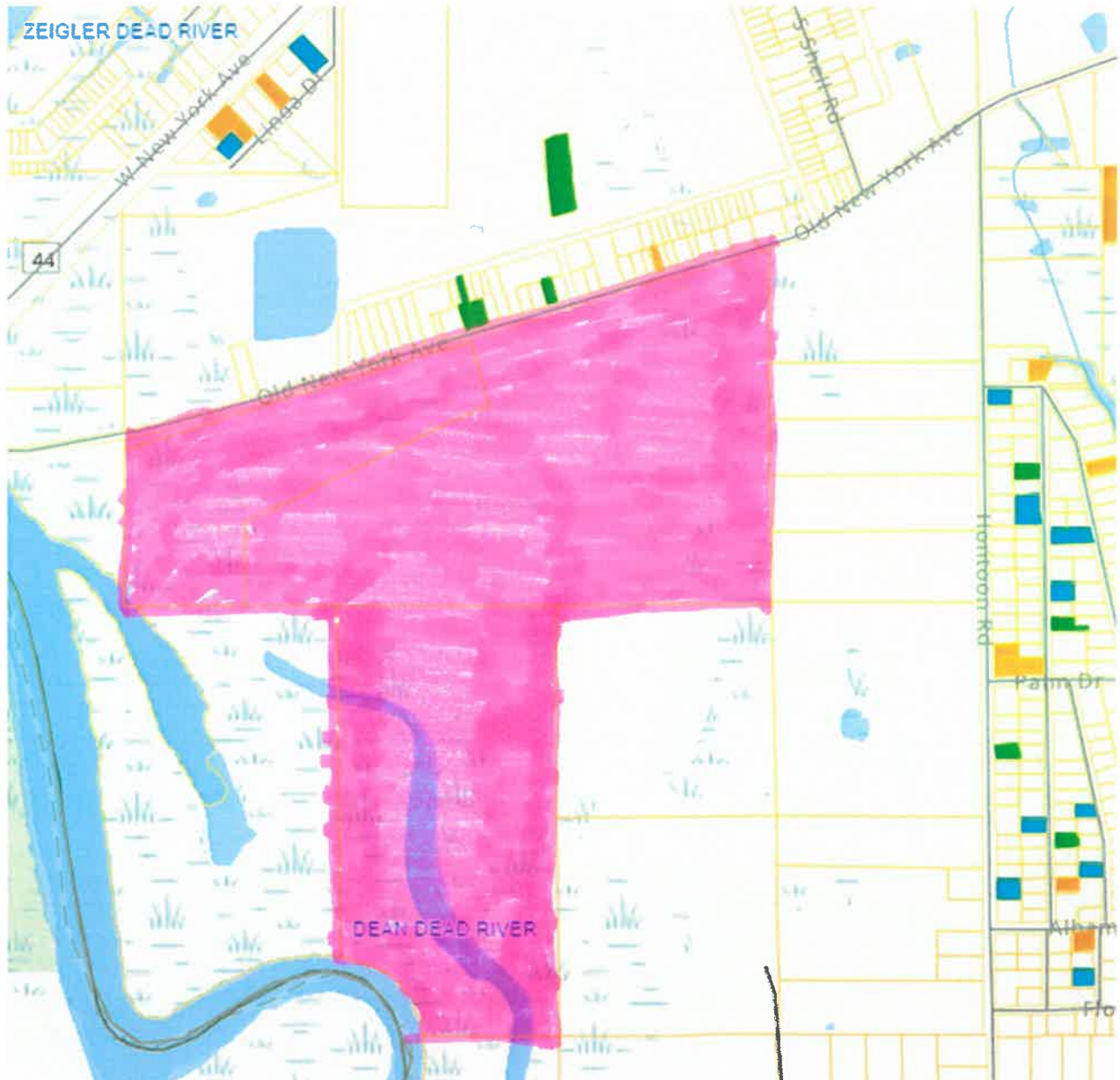
CABLE:

SPECTRUM
1195 S. WOODLAND BLVD.
DELAND, FL
PHONE: (407) 532-8814
EMAIL: STACY.STAFFORD@CHARTER.COM

GAS:

FLORIDA PUBLIC UTILITIES COMPANY
450 SOUTH HWY 17-82
DEBARY, FL 32713
PHONE: (863) 220-1510
EMAIL: KBLADES@CHPK.COM

Exhibit B
DEAN RIVER



CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Utility Service Agreement for DeLand Free Standing Emergency Room (FSER), Located at 2400 and 2490 South Woodland Boulevard.

DEPARTMENT: Utilities

PREPARED BY: Jim Ailes, Deputy Public Serv. Director/Utilities Director

ATTACHMENTS: DeLand FSER USA

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

The DeLand FSER commercial project will be located at 2400 & 2490 S. Woodland Boulevard in DeLand. The proposed commercial project will provide a free-standing emergency room building facility at the previous Checkers site, when completed. The attached Utility Service Agreement contains the usual terms and conditions required by the city for utility service. No reimbursement for oversizing of offsite utilities is provided.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government.

SUSTAINABILITY:

Infrastructure.

FISCAL IMPACT:

At buildout, the city will receive water and sewer impact fees and ongoing utility revenue from the commercial project once constructed.

RECOMMENDATION:

Staff recommends that the City Commission approve the attached Utility Service Agreement for DeLand FSER.

BACKGROUND/DISCUSSION:

N/A

**UTILITY SERVICE AGREEMENT
FOR
DELAND FSER**

THIS AGREEMENT is entered into this ____ day of June, 2024, between the City of DeLand (City) and CENTRAL FLORIDA REGIONAL HOSPITAL, INC., a Florida corporation (Developer) regarding utility service for the DeLand FSER project. In consideration of the mutual covenants and conditions in this Agreement, and subject to any necessary approval by any other governmental agency having jurisdiction, the parties agree as follows:

Section 1. City to furnish service. Upon the terms and conditions in this Agreement, and in accordance with the City's rules and regulations, the City shall provide and shall have the exclusive right to furnish potable water, domestic sewer and reuse irrigation services to the real property located at 2400 & 2490 S. Woodland Boulevard on the North West corner of the intersection of Highway 17-92 and McGregor Rd, FL and described as:

TAX PARCEL NUMBERS
702800000340

28-17-30 PER OR 5761 PG 442 A PORTION OF THE SOUTHWEST 1/4 DESCRIBED AS PARCELS 1 & 2 LYING NORTH OF MCGREGOR ROAD & WEST OF US HIGHWAY 17-92

Section 2. Service conditioned on construction and acceptance of systems. No water, wastewater or reuse service shall be provided to any part of the property, and no connections to such systems shall be allowed, until the Developer has installed system facilities and improvements in accordance with approved plans and specifications and the City has accepted the conveyance of the systems in writing. The Developer shall apply in writing to the City Engineer for acceptance of the systems. Upon acceptance of the systems, all construction guarantees in favor of the City shall be released.

Section 3. Installation of improvements. The Developer shall install, at its own initial cost and expense (including engineering costs), all lines, pipes, manholes, lift stations, generators, RTU, machinery and other facilities which may be required on and off Developer's property to provide the buildings and occupants with water, wastewater or reuse service and to connect the property to existing City facilities and systems. Upon completion, all off-site and onsite utility improvements shall be conveyed and dedicated to the City. The improvements to be constructed by the Developer off the Developer's property (off-site improvements) shall include:

- Connect to existing Water Main with a stainless steel 12" X 12" X 4" tapping saddle, 4" Gate Valve and approximately 25 LF +/- of 4" HDPE or C-900 PVC Piping.
- Connect to existing Water Main with a stainless steel 12" X 12" X 2" tapping saddle, 2" Gate Valve and approximately 30 LF +/- of 2" Polyethylene or PVC Piping.
- Connect to existing Sewer Manhole with a 6" core drilled opening and rubber boot placed in manhole and approximately 30 LF +/- 6" SDR 35 PVC Piping.
- Connect to existing Reclaim Main with a stainless steel 12" X 12" X 12" tapping saddle, 12" Gate Valve and approximately 96 LF +/- of 12" HDPE Piping.
- The City will maintain the water service connections and piping from the connection point to the meters and Double Detector Check, reclaim piping from the connection point to the master meter, and sewer lateral connection and piping from the manhole to the cleanout.

- All other onsite piping will remain privately owned, operated and maintained in perpetuity by the Developer or its assigns.
- All connections to City facilities shall be made at Developer's expense. All water and reuse meters 2" and below will be installed by the City at the Developer's expense.
- Any other installations required in accordance with the plans and specifications for the subject development or which are otherwise required in accordance with sound utility engineering practices.

Section 4. Approval of design and plans. The design and construction of all facilities to be transferred to and owned and operated by the City shall be subject to prior approval by the City Engineer. The Developer's engineer shall incorporate all applicable standards and specifications of the City into the Developer's engineering design, plans and specifications. The City shall provide assistance to the Developer's engineers as to design and construction requirements and must approve all construction plans and specifications in writing prior to any construction being commenced. The Developer shall obtain all necessary state, county and local permits required for construction, acceptance and operation of the improvements.

Section 5. Access to construction; approval of work and materials. The City may inspect the construction to ensure compliance with the approved plans and specifications and shall retain the power of final approval of work and materials.

Section 6. Testing during and after construction. The Developer's engineer shall properly supervise construction and shall certify to the City Engineer that the systems are installed in accordance with the approved design plans and specifications. The Developer shall conduct at its own expense whatever tests are deemed by the City Engineer to be necessary and reasonable to ensure that the systems are being constructed in accordance with the approved engineering plans and specifications.

Section 7. Conveyance of easements and improvements. The Developer shall at its expense grant to the City adequate transferable easements for water, sewer and reuse lines, for access to lift stations and water stations and related appurtenances as may be deemed necessary by the City.

Section 8. Evidence of conveyance of facilities. By this Agreement Developer hereby transfers to the City the title to the water, wastewater and reuse systems, facilities and improvements to be installed pursuant to this Agreement, effective without further action upon the completion and acceptance by the City of the installation of those systems. As further evidence of this transfer of title, the Developer shall provide to the City a copy of the recorded plat, if any; a bill of sale for the facilities; written easements; deeds to the land on which lift stations, water stations or similar facilities are located; and other evidences of conveyance required by the City.

Section 9. Additional documents to be provided before acceptance of facilities. In addition to the documents of title listed in the previous paragraph, the Developer shall provide to the City the following documents prior to acceptance of the facilities: As-built drawings of utility improvements, (one hard copy signed and sealed, one PDF and one AUTOCAD delivered on a USB drive) furnished one week prior to final inspection; an accounting of the actual costs

(schedule of values) for on-site and off-site construction; letters of acceptance from the appropriate regulatory agency for the systems; certification by the design engineer that the system was constructed as designed; and right-of-way use permits and other permits and licenses obtained from applicable government agencies.

Section 10. Uninterrupted supply not guaranteed. The City does not guarantee an uninterrupted supply of water or reuse at any particular pressure, nor does it assume any duty or obligation to furnish water for extinguishing fires. The City reserves the right to shut off the water in its mains temporarily for necessary purposes. The City shall not be responsible for any damage caused by low pressure, interruption of service or variations in water quality or content.

Section 11. Connections subject to rates and fees. All connections to the water, wastewater and reuse systems shall be subject to the continuing operating rules and regulations of the City including, without limitation, the periodic payment of water, wastewater and reuse charges and fees as provided in the City's rate schedule, and payment of all deposits, meter charges and other fees, rates and charges, including development fees. The rates charged by the City for water, sewer, or reuse service shall be in accordance with its rate schedule, which shall be subject to change from time to time.

Section 12. Reimbursement for oversizing of off-site improvements. This Section Not Used

Section 13. Surcharge for non-domestic waste. The terms wastewater or sanitary sewage used in this agreement are meant to include only human waste, including liquids and solid matter carried from plumbing fixtures normally carried off by drains and sewers, and, except where specifically excluded, bath and toilet wastes, laundry wastes, kitchen wastes and other similar wastes. This service agreement, and any charges contained in this agreement, is based on normal domestic sewage, defined herein as containing not more than two hundred (200) parts per million biochemical oxygen demand or two hundred (200) parts per million suspended solids. Whenever water which contains more than these amounts is to be admitted to the sewers the City and all other pollution control agencies must specifically agree to the connection and an additional charge shall be imposed in accordance with City regulations.

Section 14. Developer to obtain permits. The Developer shall obtain all governmental approvals, licenses and permits necessary for the design, routing, construction, connection and use of the water, wastewater and reuse systems to be installed under this agreement. The City shall render assistance to the Developer in obtaining these approvals, licenses and permits.

Section 15. Service of other properties. The City reserves the right to service other properties through the facilities conveyed by the Developer, and nothing in this Agreement shall be deemed to prohibit or prevent the City from extending its water, wastewater or reuse facilities to any other area.

Section 16. Default by Developer. The Developer's failure to carry out any provision in this agreement shall relieve the City from its obligation to provide water, wastewater or reuse service to the property.

Section 17. Covenant to support annexation. As a condition of supplying potable water, sanitary sewer or reuse service to the proposed, DeLand FSER, Developer agrees to sign a covenant to support annexation to the City of DeLand. This covenant shall be recorded and shall be binding upon all successors and assigns.

Section 18. Entire Agreement; amendment. It is expressly agreed and understood that this is the entire Agreement between the Developer and the City, and that there are no other written or verbal agreements applicable to the subject of this Agreement between the Developer and the City. This Agreement may be amended and modified from time to time by written agreement of the parties.

Section 19. Miscellaneous.

A. Successors. This Agreement shall be binding on the parties hereto, their heirs, administrators, executors, successors in interest and assigns.

B. Binding Nature and Covenants Running with the Land. The provisions of this Agreement shall be binding upon the parties hereto, and upon all successors in interest in the subject real property. And further, the provisions of this Agreement shall constitute covenants running with the land applicable to all of the subject real property comprising the Project.

C. Counterparts. This Agreement may be executed in one or more counterparts, each of which shall be deemed to be an original but all of which together shall constitute one and the same instrument. The delivery by email copy of an executed copy of this Agreement shall be deemed valid as if an original signature was delivered.

D. Governing Law; Venue. This Agreement shall be construed and interpreted according to the laws of the State of Florida, and all duly adopted ordinances, regulations, and policies of the City now in effect and those hereinafter adopted. The location for settlement of any and all claims, controversies, or disputes, arising out of or relating to any part of this Agreement, or any breach hereof, shall be Volusia County, Florida.

E. Severability. If any word, phrase, sentence, paragraph or other portion of this Agreement is finally determined by a court of competent jurisdiction to be void or unenforceable then such word, phrase, sentence, paragraph or other portion shall be severed from this Agreement and the balance shall remain in full force and effect to the greatest extent permitted by law.

F. Effective Date. The effective date of this agreement shall be the date that it is last executed by a party as set forth below.

[SIGNATURES ON FOLLOWING PAGE]

CENTRAL FLORIDA REGIONAL
HOSPITAL, INC., a Florida corporation

By: [Signature]
Todd Maxwell, Vice President

ATTEST:
[Signature]
John M. Franck II
Vice President and Assistant Secretary

[Signature] **Sy Taylor**
Witness
Address: One Park Plaza, Nashville, TN 37203

[Signature]
Witness
Address: One Park Plaza, Nashville, TN 37203

CITY OF DELAND

By: _____
Christopher M. Cloudman, Mayor

ATTEST:

Julie A. Hennessy
City Clerk - Auditor

Witness
Address: _____

Witness
Address: _____

STATE OF FLORIDA
COUNTY OF VOLUSIA

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 2024 by Christopher M. Cloudman, Mayor-Commissioner of the City of DeLand, Florida who is ☐ personally known to me or ☐ who has produced, _____ as identification

Notary Public - State of Florida
Name: _____
My Commission expires: _____

STATE OF TENNESSEE
COUNTY OF DAVIDSON

The foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 2nd day of June, 2024 by Todd Maxwell, Vice President, who is personally known to me.



[Signature]
Notary Public - State of Tennessee
Name: Maureen W. Schuler
My Commission expires: July 6, 2026

Development Team

Architect

HD

205 17th Avenue North, Suite 203

Nashville, TN 37203

615-244-7399

Developer

HCA Florida

Lake Monroe Hospital

HCA Healthcare

1401 W Seminole Blvd

Sanford Fl, 32771

Civil Engineer / Landscape Architect

Catalyst Design

Group 1085 W

Morse Blvd Winter

Park, Fl 32789 615-

622-7200

Utilities

City of DeLand

1101 South Amelia Ave

DeLand, Fl 32724

386-626-7250

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re First Amendment to Water Management District Test Well Easement Agreement.

DEPARTMENT: Legal

PREPARED BY: Darren Elkind, City Attorney

ATTACHMENTS: First Amendment to Monitoring Well Easement, Current Monitoring Well Easement

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The St. Johns River Water Management District (the "District") has four monitoring wells at the DeLand Municipal Airport. The District uses those wells to monitor groundwater levels in the area as part of its groundwater monitoring network. The District obtained an easement from the City to access the wells and place testing equipment on the wells last December, but now needs to modify the easement to cover all four of its wells rather than just the three that were covered by the current easement. This item amends the easement for that purpose.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High value government.

SUSTAINABILITY:

The District's groundwater monitoring is crucial to efforts to preserve and protect groundwater.

FISCAL IMPACT:

None.

RECOMMENDATION:

Approve the attached First Amendment to Easement Agreement.

BACKGROUND/DISCUSSION:

The District will install monitoring and other scientific equipment on the subject wells in order to collect data for research and scientific purposes, including the monitoring of groundwater levels.

**Prepared by and Return
Recorded Document to:**

Karen Ferguson, Esquire
St. Johns River Water
Management District
4049 Reid Street
Palatka, FL 32177

A portion of Volusia County Parcel #603400000020

Clerk: Please cross reference with Instrument #2024030973
OR Book: 8518 and Page: 4177

FIRST AMENDMENT TO EASEMENT AGREEMENT

THIS FIRST AMENDMENT TO EASEMENT AGREEMENT is entered into this ____ day of _____, 2024 by CITY OF DELAND, whose mailing address is 120 South Florida Avenue, Deland, FL 32720 (“Grantor”), and ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, a public body existing under Chapter 373 of the Florida Statutes, whose address is 4049 Reid Street, Palatka, Florida 32177 (“Grantee”).

(Wherever used herein, the terms “Grantor” and “Grantee” include all the parties to this instrument and the successors and assigns of corporations, partnerships, state agencies and public bodies.)

WITNESSETH

WHEREAS, Grantor and Grantee entered into that certain Easement Agreement dated December 4, 2023, and recorded in Official Records Book 8518, Page 4177 of the Public Records of Volusia County, Florida, for the purpose of granting to Grantee a perpetual, non-exclusive easement across Grantor’s property to install monitoring and other scientific equipment on three (3) existing monitoring wells for research and scientific purposes, including the construction, installation, operation, maintenance, and repair of the three wells (the “Easement”), by Grantee, or its employees, agents or designees; and

WHEREAS, Grantor and Grantee desire to amend the Easement to include a fourth existing monitoring well (the four monitoring wells are collectively referred to as the “Wells”) as described in Exhibit “A” attached hereto and incorporated herein to assist Grantee in monitoring water levels as part of its monitoring network.

NOW THEREFORE, in consideration of the mutual covenants, promises, terms and conditions set forth herein, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the parties hereto agree as follows:

1. Recitals. The above recitals are true and correct, form a material part of this First Amendment to Easement Agreement, and are incorporated herein by reference.

2. Exhibit "A" of the Easement is hereby deleted in its entirety and is replaced with Exhibit "A" attached to this First Amendment to Easement Agreement.

3. All other provisions of the Easement shall remain in full force and effect and shall not be disturbed by this amendment.

IN WITNESS WHEREOF, the Grantor has subscribed their names and have caused this Easement to be executed as of the day and year first above written.

GRANTOR

CITY OF DELAND, FLORIDA
a Florida municipal corporation

By: _____
Christopher M. Cloudman, Mayor

(SEAL)

ATTEST:

By: _____
Julie A. Hennessy, MMC
City Clerk – Auditor

STATE OF FLORIDA
COUNTY OF VOLUSIA

I HEREBY CERTIFY that the foregoing instrument was acknowledged before me **by means of** ☐ **physical presence or** ☐ **online notarization**, this ____ day of _____, 2024, by Christopher M. Cloudman, as Mayor of the City of Deland, Florida, on behalf of the City, who is personally known to me, and who did not take an oath.

NOTARY PUBLIC, State of Florida
My Commission Expires:_____
My Commission No.:_____

GRANTEE

**ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT, a public body existing under
Chapter 373, Florida Statutes**

By: _____
Michael A. Register, P.E.
Executive Director

ATTEST:

By: _____
Erin Preston
General Counsel
St. Johns River Water Management District
4049 Reid Street
Palatka, Florida 32177

**For use and reliance only by
St. Johns River Water Management District,
Legal Form and Content Approved:**

By: _____
Karen Ferguson, Esq.
Office of General Counsel

**STATE OF FLORIDA
COUNTY OF PUTNAM**

I HEREBY CERTIFY that the foregoing instrument was acknowledged before me **by means of** ☐ **physical presence** or ☐ **online notarization**, this ____ day of _____, 2024, by Michael A. Register, P.E., as Executive Director of the St. Johns River Water Management District, on behalf of the District, who is personally known to me, and who did not take an oath.

NOTARY PUBLIC, State of Florida
My Commission Expires:_____
My Commission No.:_____

SKETCH OF DESCRIPTION

Ingress/egress easement (SEE PAGE 3)

An ingress/egress easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida.

A variable width ingress/egress easement, with portions being ten-foot-wide lying five feet (5.0') on both sides and a five-foot-wide portion lying two- and one-half feet (2.50') on both sides, both portions being parallel and continuous to the following described centerline, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West and the **POINT OF BEGINNING** of a ten foot wide Ingress/Egress Easement; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet to Reference point "A"; Thence South 43°59'51" West, 34.40 feet to the **POINT OF TERMINUS "A"**; Returning to Reference point "A"; Thence North 46°00'09" West continuing said ten foot wide easement for a distance of 96.28 feet to a point of width change to a five foot wide ingress/egress easement; Thence North 52°16'35" West, a distance of 40.27 feet; Thence Continue North 52°16'35" West, a distance of 2.54 feet; Thence South 48°07'43" West, a distance of 14.79 feet to the **POINT OF TERMINUS "B"**

CONTAINING 2223.64 sq ft. or 0.05 ACRES, MORE OR LESS.

V-0815 LFA WELL SITE EASEMENT (SEE PAGE 4)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet; Thence South 43°59'51" West, a distance of 34.40 feet; Thence South 46°00'09" East, a distance of 5.00 feet to the **POINT OF BEGINNING**; Thence South 43°59'51" West, a distance of 10.00 feet; Thence North 46°00'09" West, a distance of 10.00 feet; Thence North 43°59'51" East, a distance of 10.00 feet; Thence South 46°00'09" East, 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 100.00 sq ft. or 0.002 ACRES, MORE OR LESS.

- NOTES:
1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983, ADJUSTMENT 1990 (NAD83/1990). UNITS ARE IN SURVEY FEET.
 2. THIS SKETCH MAY HAVE BEEN SHRUNKEN OR ENLARGE FROM THE ORIGINAL AND MAY NOT BE TO SCALE.
 3. THIS SKETCH IS NOT VALID WITHOUT PAGES 1 THRU 7.
 4. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
 5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28,2005, WORK ORDER # 6-391-05

LEGEND:	ABBREVIATIONS:
WELL	LOWER FLORIDIAN AQUIFER LFA
CENTERLINE	
NOT TO SCALE	
NAIL & DISK	

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST VOLUSIA COUNTY, FLORIDA	
--	--

REVISION DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:	
<i>[Signature]</i>	
FLORIDA LICENSE NO. 10114	
DATE: 5-18-23	

FILE NAME: 7671-23.dwg
WORK ORDER NO.: 7671-23
SHEET: 1 of 7

EXHIBIT "A", PAGE 1 OF 7

SKETCH OF DESCRIPTION

V-1155 WELL SITE EASEMENT (SEE PAGE 5)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 164.16 feet; Thence North 52°16'35" West a distance of 40.27 feet; Thence North 48°07'43" East a distance of 2.50 feet to the **POINT OF BEGINNING**; Thence South 48°07'43" West a distance of 7.50 feet; Thence North 41°52'17" West a distance of 10.00 feet; Thence North 48°07'43" East a distance of 7.50 feet; Thence South 41°52'17" East a distance of 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 75.00 sq ft. or 0.0017 ACRES, MORE OR LESS.

V-1154 WELL SITE EASEMENT (SEE PAGE 6)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 164.16 feet; Thence North 52°16'35" West a distance of 40.27 feet; Thence continue North 52°16'35" West a distance of 2.54 feet; Thence South 48°07'43" West a distance of 14.79 feet; Thence South 41°52'17" East a distance of 2.50 feet to the **POINT OF BEGINNING**; Thence South 48°07'43" West a distance of 10.00 feet; Thence North 41°52'17" West a distance of 10.00 feet; Thence North 48°07'43" East a distance of 10.00 feet; Thence South 41°52'17" East a distance of 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 100.00 sq ft. or 0.002 ACRES, MORE OR LESS.

V-1263 WELL SITE EASEMENT (SEE PAGE 7)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet; Thence South 43°59'51" West, a distance of 24.69 feet; Thence North 46°00'09" West, a distance of 5.00 feet to the **POINT OF BEGINNING**; Thence continue North 46°00'09" West, a distance of 10.00 feet; Thence North 43°59'51" East, a distance of 10.00 feet; Thence South 46°00'09" East, a distance of 10.00 feet; Thence South 43°59'51" West, a distance of 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 100.00 sq ft. or 0.002 ACRES, MORE OR LESS.

NOTES:

- ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983, ADJUSTMENT 1990 (NAD83/1990). UNITS ARE IN SURVEY FEET.
- THIS SKETCH MAY HAVE BEEN SHRUNKEN OR ENLARGE FROM THE ORIGINAL AND MAY NOT BE TO SCALE.
- THIS SKETCH IS NOT VALID WITHOUT PAGES 1 THRU 7.
- THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05

LEGEND:

WELL 
CENTERLINE 
NOT TO SCALE 
NAIL & DISK 

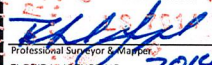
ABBREVIATIONS:

LOWER FLORIDIAN AQUIFER LFA

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

REVISION DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:	
	
Professional Surveyor & Mapper	
FLORIDA LICENSE NO. 7014	
DATE: 5-18-23	

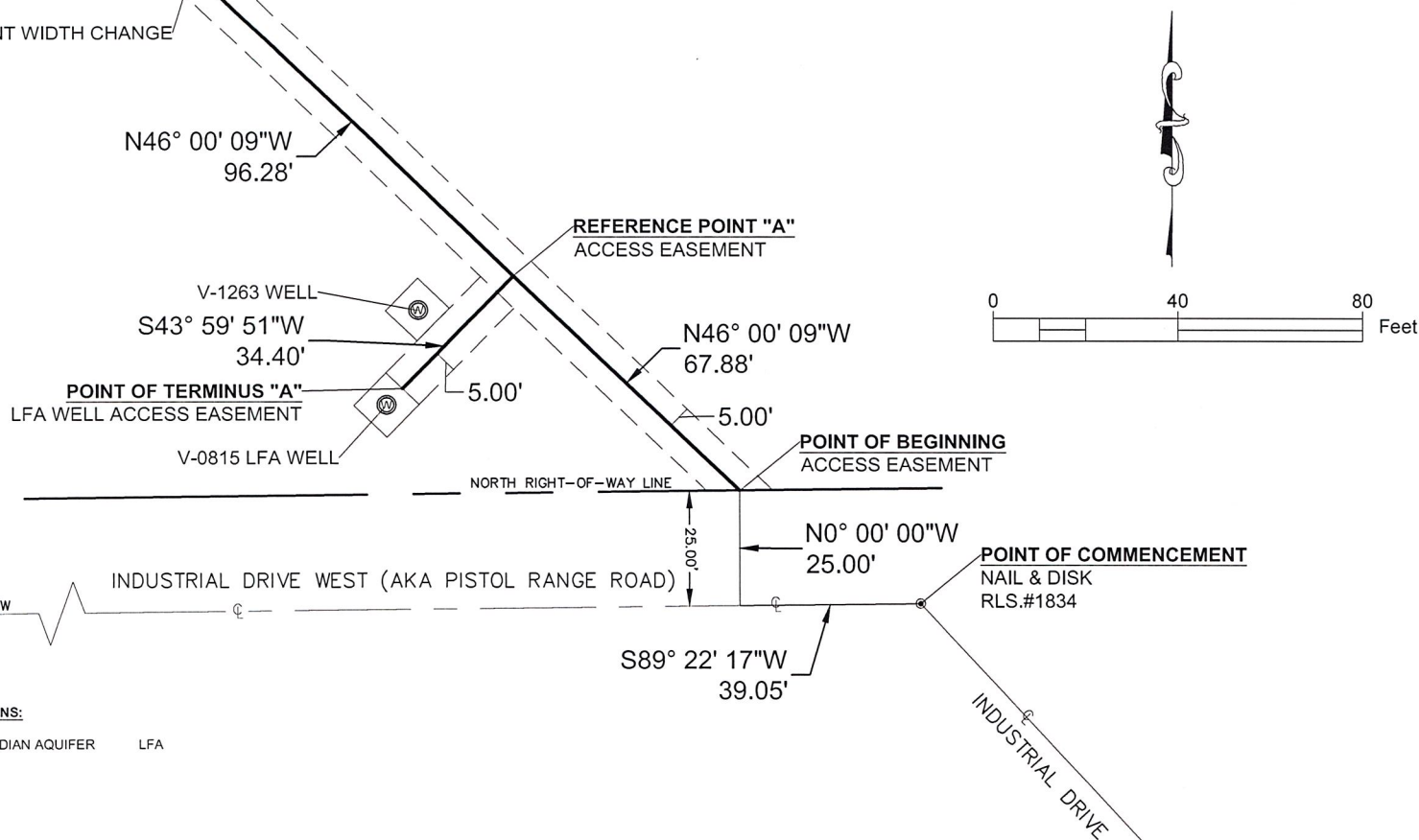
FILE NAME: 767-23.dwg
WORK ORDER NO.: 767-23
SHEET: 2 of 7

EXHIBIT "A", PAGE 2 OF 7

EXHIBIT "A", PAGE 3 OF 7

Diagram illustrating the Point of Terminus "B" for the V-1154 Well Access Easement. The diagram shows the intersection of the V-1154 Well Access Easement and the Access Easement Width Change. Key features include:

- V-1155 WELL** and **V-1154 WELL** locations.
- S48° 07' 43" W** bearing and **14.79'** distance from the V-1155 Well to the Point of Terminus "B".
- N52° 16' 35" W** bearing and **2.54'** distance from the Point of Terminus "B" to the V-1154 Well.
- N52° 16' 35" W** bearing and **40.27'** distance along the Access Easement Width Change from the Point of Terminus "B".
- 2.50'** distance from the Point of Terminus "B" to the V-1154 Well.
- POINT OF TERMINUS "B"** is the intersection point.
- V-1154 WELL ACCESS EASEMENT** and **ACCESS EASEMENT WIDTH CHANGE** are the two easements.



WELL
CENTERLINE
NOT TO SCALE
NAIL & DISK

LOWER FLORIDIAN AQUIFER LFA

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983, ADJUSTMENT 1990 (NAD83/1990). UNITS ARE IN SURVEY FEET.

2. THIS SKETCH MAY HAVE BEEN SHRUNKEN OR ENLARGE FROM THE ORIGINAL AND MAY NOT BE TO SCALE.

3. THIS SKETCH IS NOT VALID WITHOUT PAGES 1 THRU 7.

4. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.

5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 14279 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

REVISION DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:
Robert L. ...
Professional Surveyor & Mapper
FLORIDA LICENSE NO. *7014*
DATE: *5-18-23*

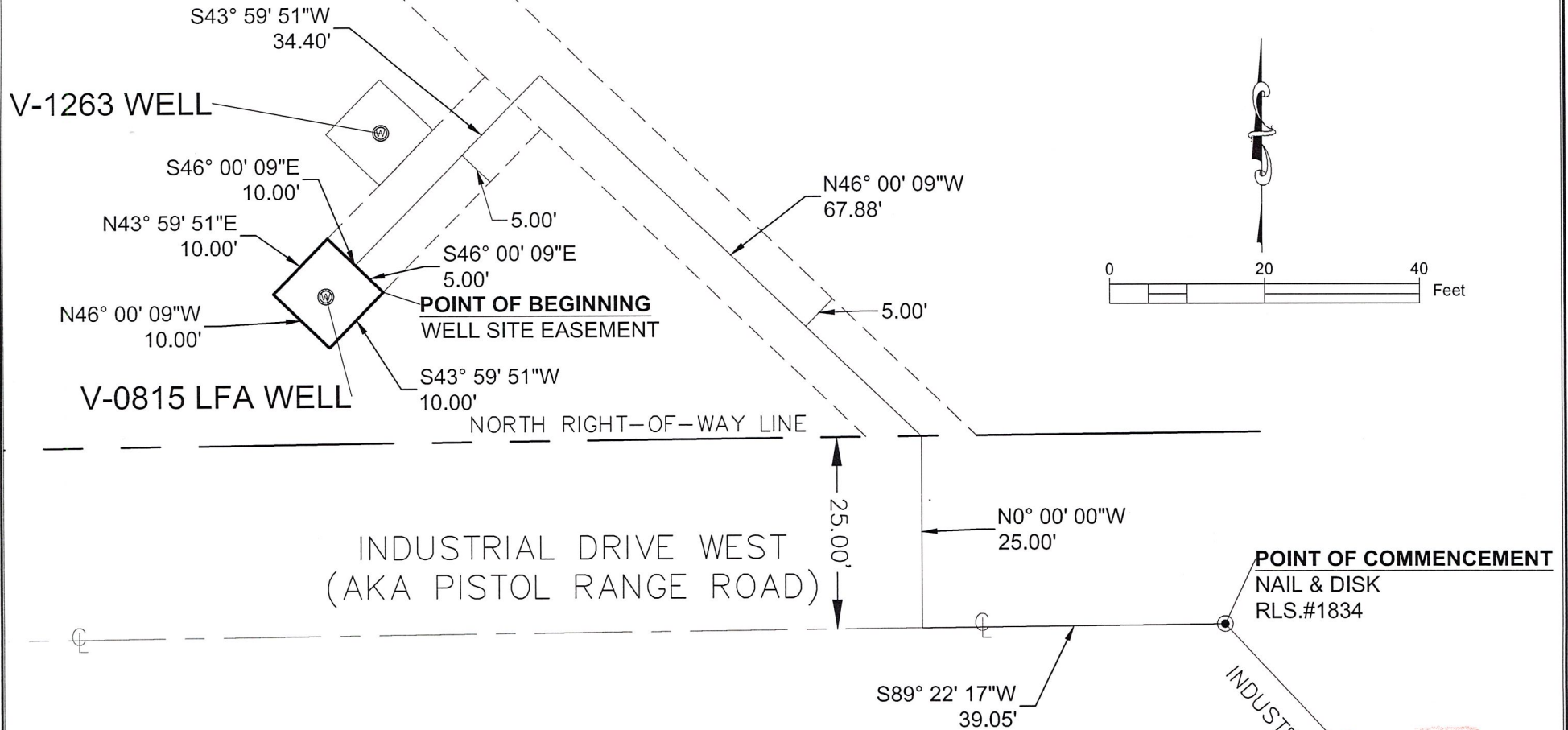
FILE NAME:
7671-23.dwg

WORK ORDER NO.:
7671-23

SHEET:
3 of 7

SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



NOTES:

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983, ADJUSTMENT 1990 (NAD83/1990), UNITS ARE IN SURVEY FEET.
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5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

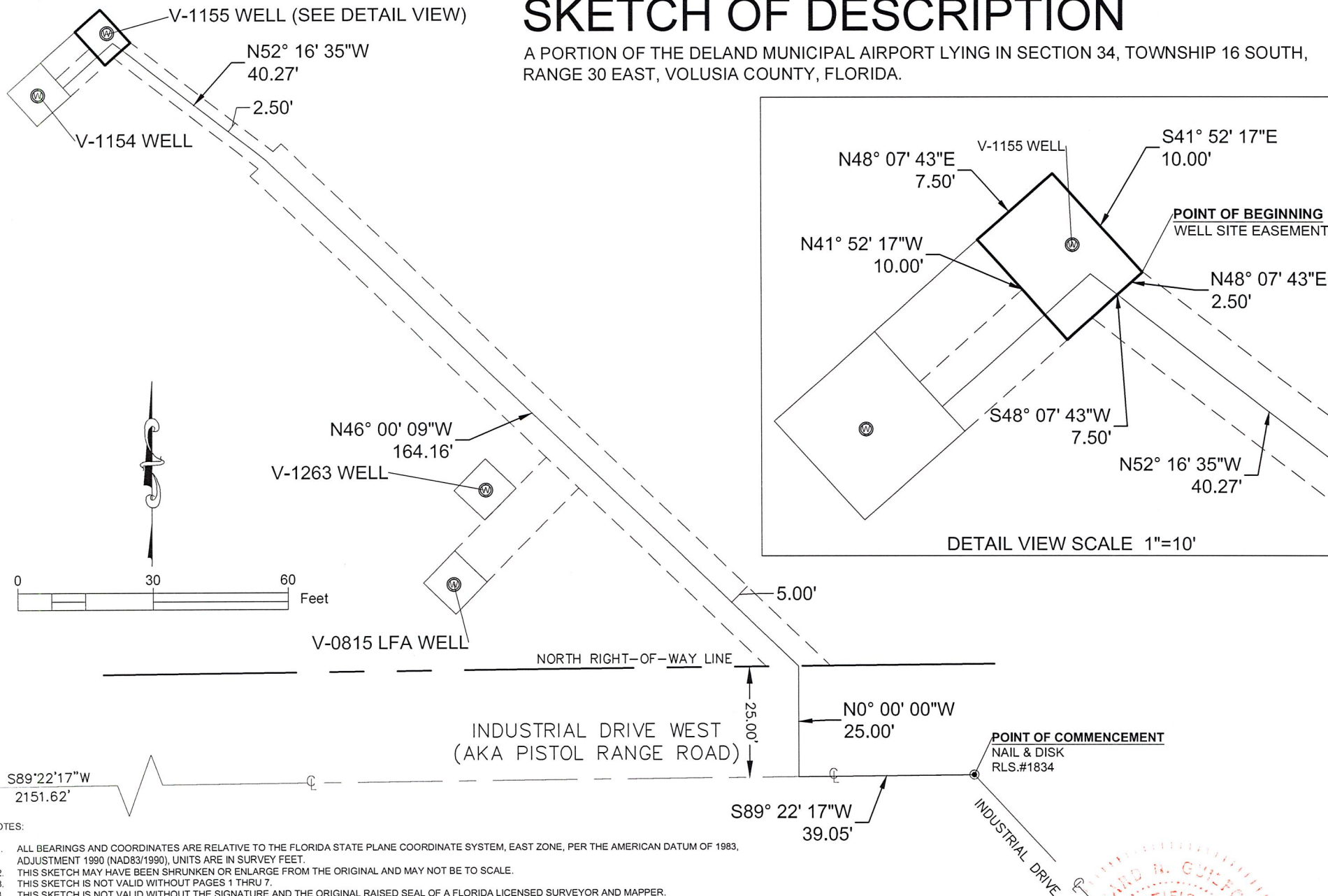
REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:  Professional Surveyor & Mapper FLORIDA LICENSE NO. 7014 DATE 5-18-23		FILE NAME: 7671-23.dwg WORK ORDER NO.: 7671-23 SHEET: 4 of 7
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EXHIBIT "A", PAGE 4 OF 7

SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



NOTES:

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983, ADJUSTMENT 1990 (NAD83/1990). UNITS ARE IN SURVEY FEET.
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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

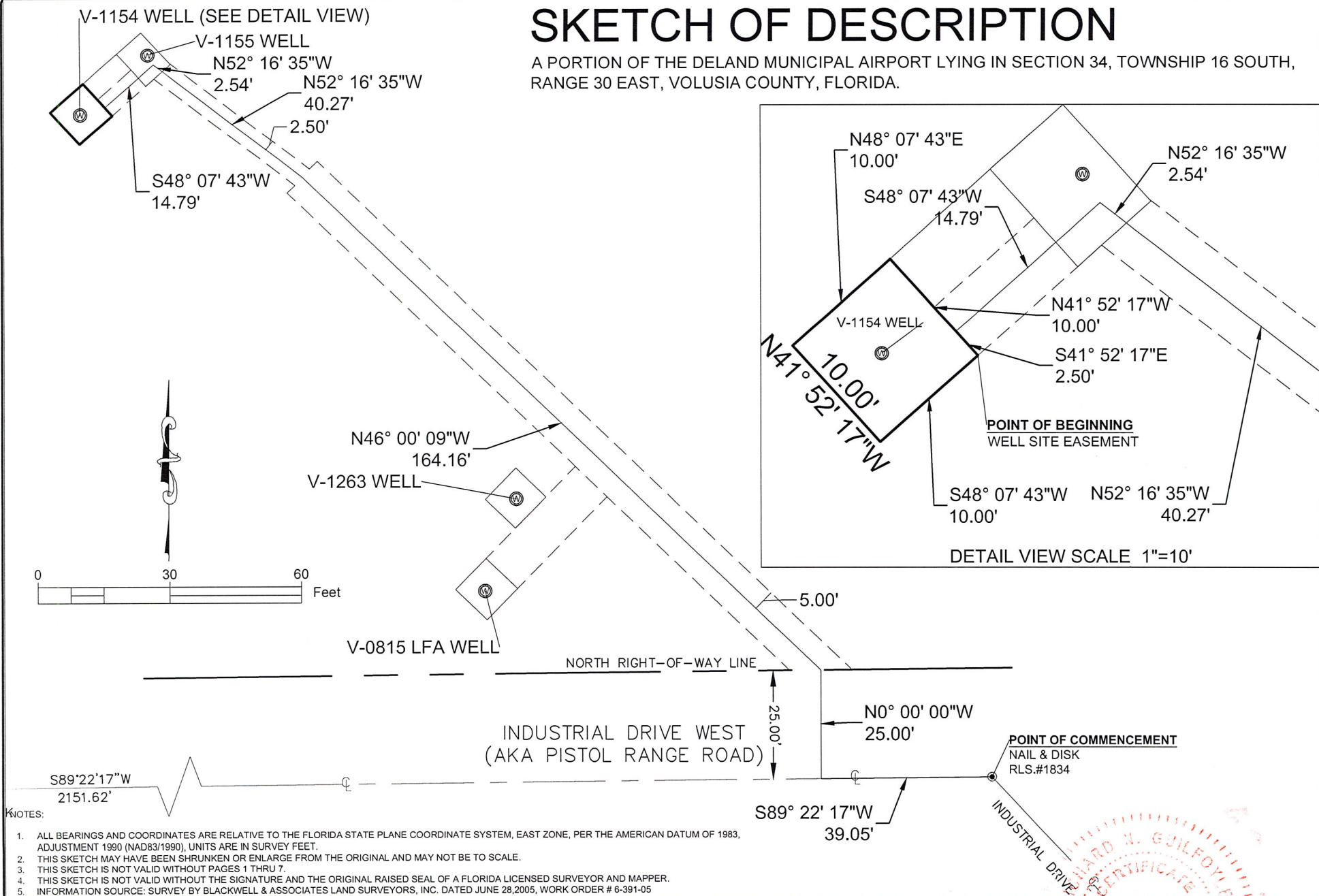
REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:	
<i>[Signature]</i>	
Professional Surveyor & Mapper	
FLORIDA LICENSE NO. 12345	
DATE: 5-15-23	

FILE NAME:	7671-23.dwg
WORK ORDER NO.:	7671-23
SHEET:	5 of 7

SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-3-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

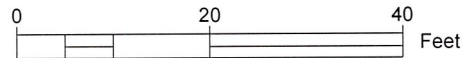
DELAND AIRPORT WELL SITES	
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST	
VOLUSIA COUNTY, FLORIDA	

REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:		FILE NAME: 7671-23.dwg
Professional Surveyor & Mapper FLORIDA LICENSE NO. 1014 DATE: 5-3-23		WORK ORDER NO.: 7671-23
		SHEET: 6 of 7

SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



V-1263 WELL

POINT OF BEGINNING
WELL SITE EASEMENT

N46° 00' 09"W
5.00'

S43° 59' 51"W
24.69'

N46° 00' 09"W
67.88'

V-0815 LFA WELL

NORTH RIGHT-OF-WAY LINE

INDUSTRIAL DRIVE WEST
(AKA PISTOL RANGE ROAD)

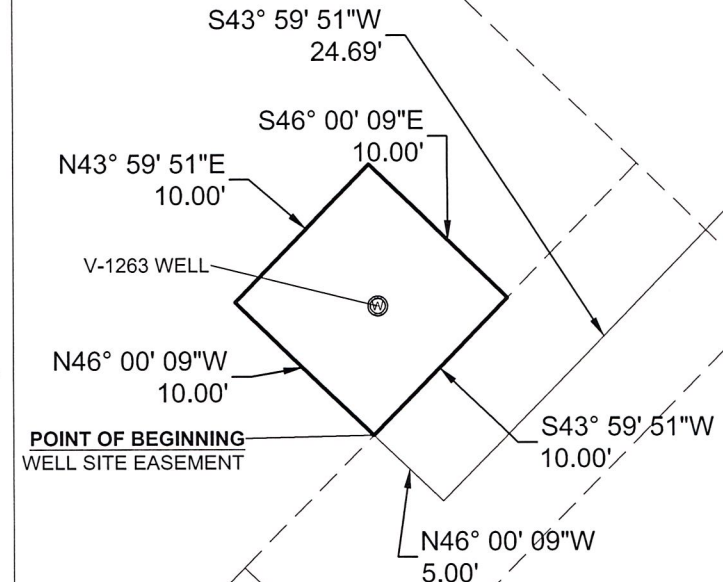
25.00'

N0° 00' 00"W
25.00'

S89° 22' 17"W
39.05'

POINT OF COMMENCEMENT
NAIL & DISK
RLS.#1834

DETAIL VIEW SCALE 1"=10'



NOTES:

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ST. JOHNS RIVER WATER MANAGEMENT DISTRICT P.O. BOX 1429 PALATKA, FLORIDA			
DATE DRAWN: 5-18-2023	FIELD WORK DATE: NONE	FIELD BOOK & PAGE NONE	
DRAWN BY: RG	CHECKED BY: RG	APPROVED BY: RG	SCALE: AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

REVISION	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION:	
<i>Richard N. Guilfoyle</i>	
Professional Surveyor & Mapper	FLORIDA LICENSE NO. 7844
DATE: 5-18-23	

FILE NAME: 7671-23.dwg
WORK ORDER NO.: 7671-23
SHEET: 7 of 7

EXHIBIT "A", PAGE 7 OF 7

PREPARED BY AND RETURNED TO:

Karen Ferguson, Esq.
Office of General Counsel
St. Johns River Water Management District
4049 Reid Street
Palatka, Florida 32177-2529

A portion of
Volusia County Parcel #: 603400000020

EASEMENT AGREEMENT

THIS EASEMENT AGREEMENT ("Easement") is made effective the 4th day of December, 2023, by the CITY OF DELAND, whose mailing address is 120 S. Florida Ave., Deland, FL 32720 ("Grantor"), for the benefit of ST. JOHNS RIVER WATER MANAGEMENT DISTRICT, a public body existing under Chapter 373 of the Florida Statutes, whose mailing address is Post Office Box 1429, Palatka, Florida 32177 ("Grantee"), collectively referred to herein as the "Parties."

(Wherever used herein, the terms "Grantor" and "Grantee" include all the parties to this instrument and their heirs, legal representatives and assigns of the individuals, and the successors and assigns of corporations, partnerships, state agencies and public bodies.)

WITNESSETH

WHEREAS, Grantor is the owner of that certain real property located in Volusia County, Florida, as more particularly described in Exhibit "A" attached hereto (the "Easement Area"), to; and

WHEREAS, there are three (3) existing monitoring wells ("Wells") in the Easement Area; and

WHEREAS, Grantee desires to install monitoring and other scientific equipment ("Equipment") on the Wells to collect data for research and scientific purposes, including to assist Grantee in monitoring water levels as part of its monitoring network; and

WHEREAS, Grantor desires to grant and convey upon Grantee a non-exclusive easement to, over, under, upon, across and through the Easement Area to install monitoring and other scientific equipment for research and scientific purposes, including the construction, installation, operation, maintenance and repair by Grantee, or its employees, agents or designees of said Equipment; and

WHEREAS, Grantor warrants that it has the full authority to grant this Easement.

NOW THEREFORE, in consideration of the mutual covenants, promises, terms and conditions set forth herein, and for other good and valuable considerations, the receipt and sufficiency of which are hereby acknowledged, the parties hereto agree as follows:

1. Recitals. The above recitals are true and correct, form a material part of this Easement, and are incorporated herein by reference.

2. Grant of Easement. Grantor hereby gives, grants, bargains, sells and conveys to Grantee, its invitees, contractors and agents a perpetual non-exclusive Easement for access over, on, under and upon the Easement Area, with full right and authority of ingress and egress over, on, upon and across the Easement Area at any time required for the limited purpose of access, construction, installation, operation, maintenance, and repair of the Equipment.

3. Reservation of Use by Grantor. This Easement is non-exclusive and the Grantor reserves unto itself, and its successors and assigns, the right to utilize the Easement Property for any purpose which does not unreasonably interfere with the use of the Easement Property by Grantee for the purposes set forth herein. Each party shall use the rights granted and reserved by this Easement with due regard for the rights of the other party to use and enjoy the Easement Property.

4. No Dedication. No right of access by the general public to any portion of the Property is conveyed by this Easement.

5. Grantee's Liability. Grantee's liability is limited as provided in Section 768.28, F.S. Additionally, Grantee shall not be responsible for any costs or liabilities related to the operation, upkeep, or maintenance of the Easement Area.

6. Reversion. This Easement is subject to termination and reversion to upon Grantee's written notice to Grantor that Grantee has abandoned its use. Upon termination and reversion of this Easement, Grantee shall remove all Equipment, accessories, and materials owned by Grantee from the Easement Area.

7. Notice. All notices, consents, approvals, waivers and elections which any party is required to make or otherwise provide under this Easement shall be in writing and shall be deemed given and received on the date of mailing or transmission under any of the following: (i) mailed by certified mail, postage prepaid, return receipt requested; (ii) delivered by private parcel delivery services for which receipt is provided; (iii) sent via email for which receipt is acknowledged. Notices, including notice of change of address, shall be addressed, or transmitted to the addresses set forth below.

Grantor

Utilities Director
City of Deland Airport
120 S. Florida Ave.
Deland, FL 32720
ailesj@deland.org

Grantee

Real Estate Services Program
St. Johns River Water Management District
PO Box 1429
Palatka, FL 32178-1429
realestateservices@sjrwmd.com

8. Modification. This Easement may be modified or amended only upon the mutual written consent of Grantor and Grantee and such amendment shall be recorded in the public records of Volusia County, Florida.

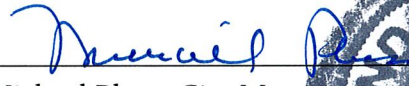
IN WITNESS WHEREOF, the Grantor has subscribed their names and have caused this Easement to be executed as of the day and year first above written.

GRANTOR

CITY OF DELAND, FLORIDA
a Florida municipal corporation

By: 
Christopher M. Cloudman, Mayor

ATTEST:

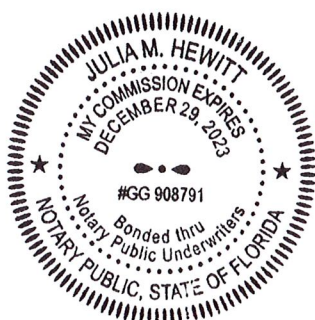
By: 
Michael Pleus, City Manager

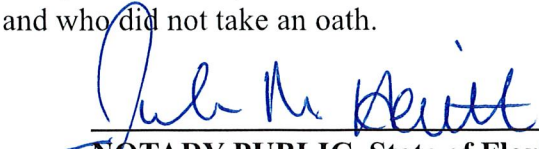
ATTEST:


Julie A. Hennessy, MMC
City Clerk - Auditor

STATE OF FLORIDA
COUNTY OF VOLUSIA

I HEREBY CERTIFY that the foregoing instrument was acknowledged before me by means of ☒ physical presence or ☐ online notarization, this 4th day of December, 2023, by Christopher M. Cloudman, as Mayor of the City of Deland, Florida, on behalf of the City, who is personally known to me, and who did not take an oath.




NOTARY PUBLIC, State of Florida

My Commission Expires: 12/29/2023

My Commission No.: GG 908791

GRANTEE

**ST. JOHNS RIVER WATER MANAGEMENT
DISTRICT, a public body existing under
Chapter 373, Florida Statutes**

By: 

Michael A. Register, P.E.
Executive Director

ATTEST:

By: 

Erin Preston
General Counsel

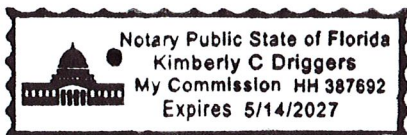
**For use and reliance only by
St. Johns River Water Management District,
Legal Form and Content Approved:**

By: 

Karen Ferguson
Senior Assistant General Counsel

**STATE OF FLORIDA
COUNTY OF PUTNAM**

I HEREBY CERTIFY that the foregoing instrument was acknowledged before me by
means of ☒ physical presence or ☐ online notarization, this 12th day of February,
2024, by Michael A. Register, P.E., as Executive Director of the St. Johns River Water
Management District, on behalf of the District, who is personally known to me, and who did not
take an oath.




NOTARY PUBLIC, State of Florida
My Commission Expires: 5/14/27
My Commission No.: HH 387692

EXHIBIT A
LEGAL DESCRIPTION AND SKETCH OF EASEMENT

SKETCH OF DESCRIPTION

Ingress/egress easement (SEE PAGE 3)

An ingress/egress easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida.

A variable width ingress/egress easement, with portions being ten-foot-wide lying five feet (5.0') on both sides and a five-foot-wide portion lying two- and one-half feet (2.50') on both sides, both portions being parallel and continuous to the following described centerline, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West and the **POINT OF BEGINNING** of a ten foot wide Ingress/Egress Easement; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet to Reference point "A"; Thence South 43°59'51" West, 34.40 feet to the **POINT OF TERMINUS** for the Lower Floridian Aquifer Ingress/Egress easement; Returning to Reference point "A"; Thence North 46°00'09" West continuing said ten foot wide easement for a distance of 96.28 feet to a point of width change to a five foot wide ingress/egress easement; Thence North 52°16'35" West, a distance of 40.27 feet; Thence Continue North 52°16'35" West, a distance of 2.54 feet; Thence South 48°07'43" West, a distance of 14.79 feet to the **POINT OF TERMINUS** for the V-1154 well Ingress/Egress easement.

CONTAINING 2223.64 sq ft. or 0.05 ACRES, MORE OR LESS.

LFA WELL SITE EASEMENT (SEE PAGE 4)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet; Thence South 43°59'51" West, a distance of 34.40 feet; Thence South 46°00'09" East, a distance of 5.00 feet to the **POINT OF BEGINNING**; Thence South 43°59'51" West, a distance of 10.00 feet; Thence North 46°00'09" West, a distance of 10.00 feet; Thence North 43°59'51" East, a distance of 10.00 feet; Thence South 46°00'09" East, 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 100.00 sq ft. or 0.002 ACRES, MORE OR LESS.

NOTES:

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- THIS SKETCH IS NOT VALID WITHOUT PAGES 1 THRU 6.
- THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005. WORK ORDER # 6-391-05

LEGEND:

WELL  CENTERLINE  NOT TO SCALE  NAIL & DISK 

ABBREVIATIONS:

LOWER FLORIDIAN AQUIFER LFA

ST. JOHNS RIVER	
WATER MANAGEMENT DISTRICT	
DATE DRAWN 5-3-2023	FIELD WORK DATE NONE
DRAWN BY HFG	CHECKED BY HFG
SCALE: AS NOTED	

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

REVISION DATE	DESCRIPTION	WORK ORDER NUMBER

SURVEYOR CERTIFICATION	
<i>[Signature]</i>	
FLORIDA LICENSE NO.	DATE
	5-4-23

FILE NAME 7671-23.dwg	WORK ORDER NO. 7671-23	SHEET 1 of 6
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SKETCH OF DESCRIPTION

V-1155 WELL SITE EASEMENT (SEE PAGE 5)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet; Thence Continue North 46°00'09" West a distance of 96.28 feet; Thence North 52°16'35" West a distance of 40.27 feet; Thence North 48°07'43" East a distance of 2.50 feet to the **POINT OF BEGINNING**; Thence South 48°07'43" West a distance of 7.50 feet; Thence North 41°52'17" West a distance of 10.00 feet; Thence North 48°07'43" East a distance of 7.50 feet; Thence South 41°52'17" East a distance of 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 75.00 sq ft. or 0.0017 ACRES, MORE OR LESS.

V-1154 WELL SITE EASEMENT (SEE PAGE 6)

An easement situated in Section 34, Township 16 South, Range 30 East, Volusia County, Florida, being more particularly described as follows:

COMMENCING at the point of intersection of the centerline of Industrial Drive West (aka Pistol Range Road) with the centerline of Industrial Drive; Thence South 89°22'17" West along the centerline of Industrial Drive West a distance of 39.05 feet; Thence North 00°00'00" West, a distance of 25.00 feet to the Northerly Right-of-way line of Industrial Drive West; Thence North 46°00'09" West, departing said Northerly Right-of-way line, a distance of 67.88 feet; Thence Continue North 46°00'09" West a distance of 96.28 feet; Thence North 52°16'35" West a distance of 40.27 feet; Thence continue North 52°16'35" West a distance of 2.54 feet; Thence South 48°07'43" West a distance of 14.79 feet; Thence South 41°52'17" East a distance of 2.50 feet to the **POINT OF BEGINNING**; Thence South 48°07'43" West a distance of 10.00 feet; Thence North 41°52'17" West a distance of 10.00 feet; Thence North 48°07'43" East a distance of 10.00 feet; Thence South 41°52'17" East a distance of 10.00 feet to the **POINT OF BEGINNING**.

CONTAINING 100.00 sq ft. or 0.002 ACRES, MORE OR LESS.

NOTES:

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983. ADJUSTMENT 1980 (NAD83/1983) UNITS ARE IN DECIMAL DEGREES AND FEET.
2. THIS SKETCH MAY BE USED FOR EASEMENT OR EMBARGE FROM THE ORIGINAL AND MAY NOT BE TO SCALE.
3. THIS SKETCH IS NOT VALID WITHOUT PAGES 4 THRU 6.
4. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05

LEGEND:

WELL  **ABBREVIATIONS:** LOWER FLORIDIAN AQUIFER LFA

CENTERLINE  

NOT TO SCALE 

NAIL & DISK 

ST. JOHNS RIVER	
WATER MANAGEMENT DISTRICT	
DATE: 06/20/07	FIELD WORK DATE: 06/20/07
DRAWN BY: [signature]	CHECKED BY: [signature]
APPROVED BY: [signature]	SCALE: AS NOTED

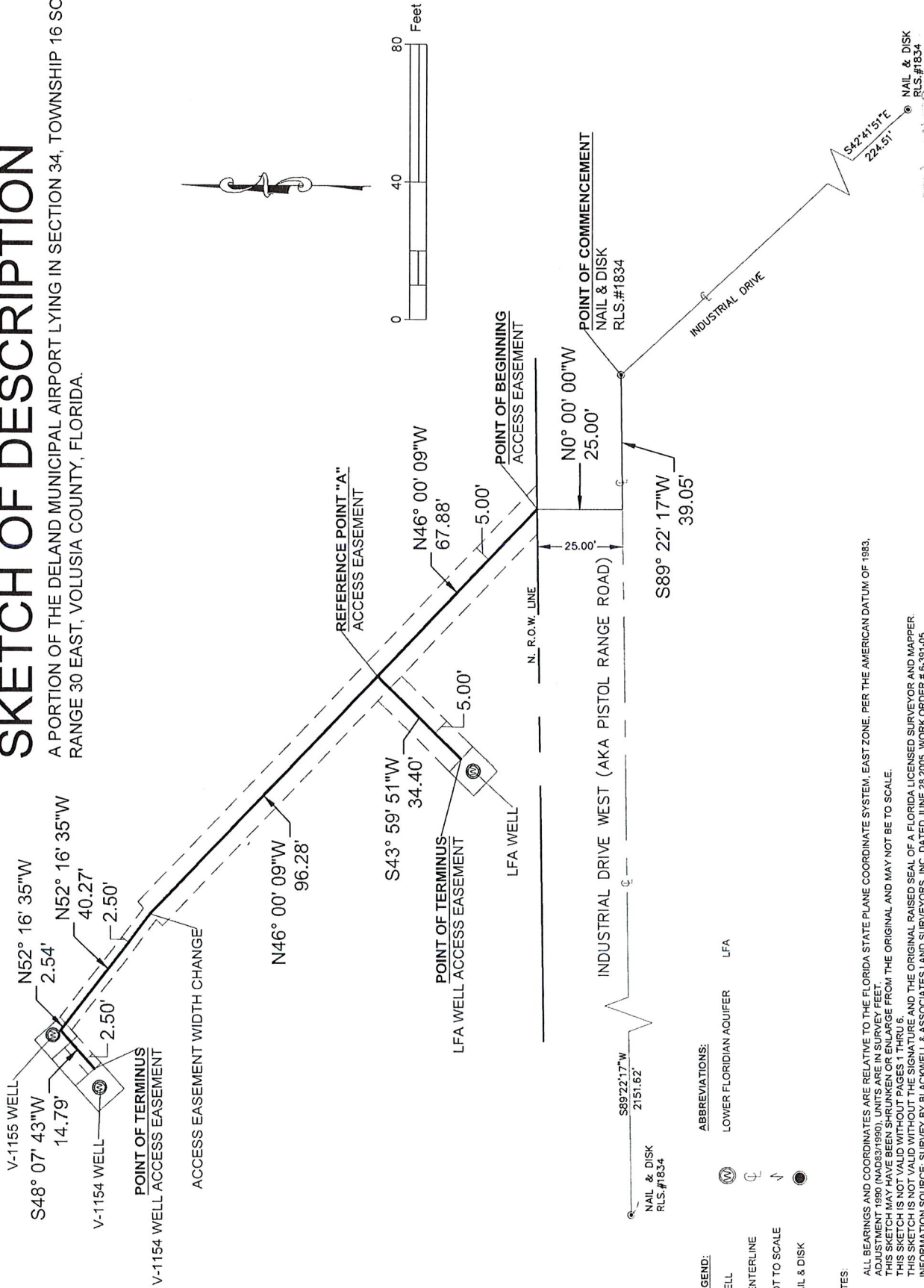
DELAND AIRPORT WELL SITES	
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST	
VOLUSIA COUNTY, FLORIDA	

REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER

FILE NAME: 7871-23.dwg	WORK ORDER NO.: 7871-23	SHEET: 2 of 6
DATE: 6-4-23		

SKETCH OF DESCRIPTION

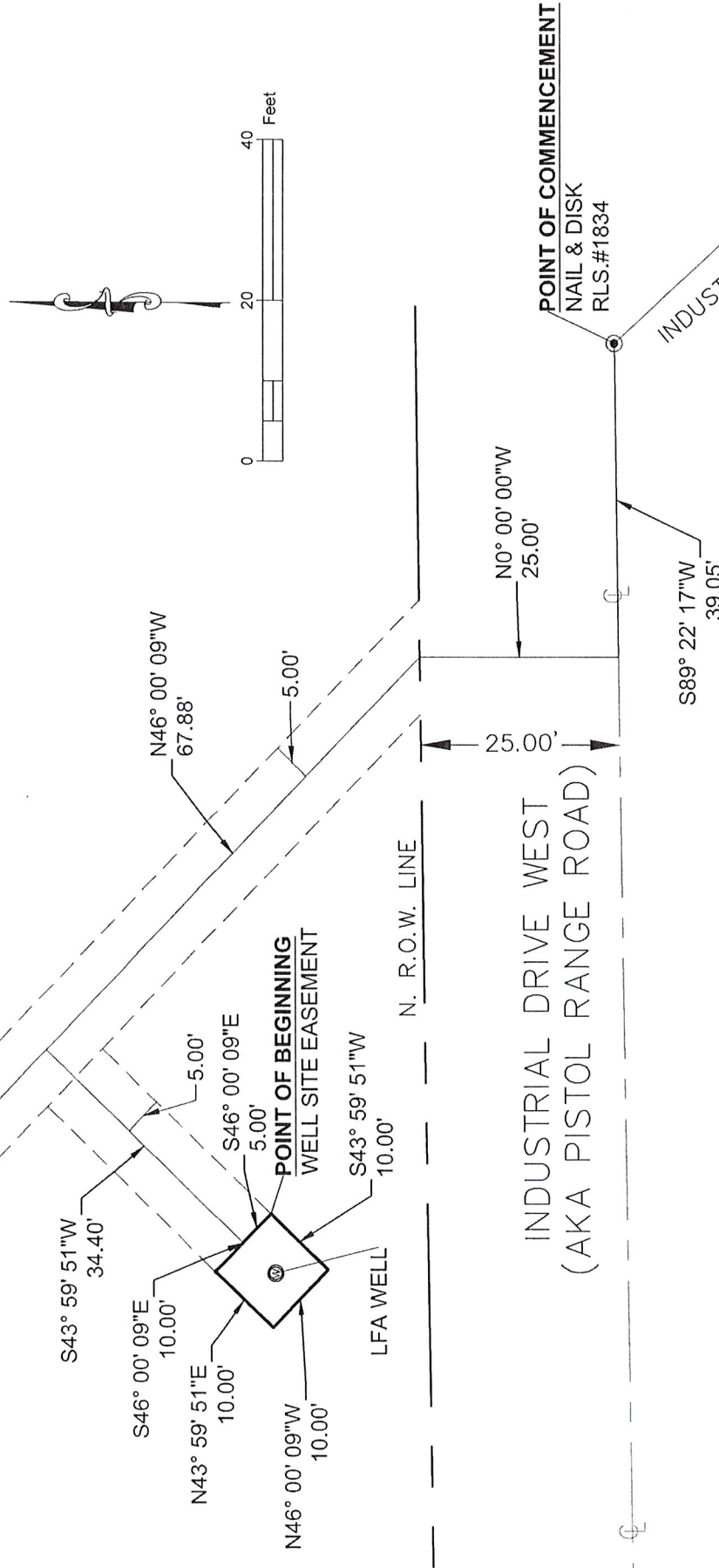
A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



ST. JOHNS RIVER WATER MANAGEMENT DISTRICT DATE DRAWN: 5-3-2023 FIELD WORK DATE: NONE SCALE: AS SHOWN DRAWN BY: (signature) CHECKED BY: (signature) APPROVED BY: (signature)		SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST VOLUSIA COUNTY, FLORIDA	SURVEYOR CERTIFICATION (signature) FLORIDA LICENSE NO. 7671-23 DATE: 5-3-23	FILE NAME: 7671-23.dwg WORK ORDER NO: 7671-23 SHEET: 3 of 6
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SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



NOTES:

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983. ADJUSTMENT 1990 (NAD83/1980). UNITS ARE IN SURVEY FEET.
2. THIS SKETCH MAY HAVE BEEN SUBMITTED TO THE FLORIDA DEPARTMENT OF REVENUE FOR REVIEW AND MAY NOT BE TO SCALE.
3. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
4. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05.

ST. JOHNS RIVER		WATER MANAGEMENT DISTRICT	
DATE: 5-23-2023	CHECKED BY: [Signature]	APPROVED BY: [Signature]	SCALE: AS NOTED
FIELD WORK DATE: 5-23-2023		FIELD WORK & PRICE: NONE	

DELAND AIRPORT WELL SITES	
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST	
VOLUSIA COUNTY, FLORIDA	

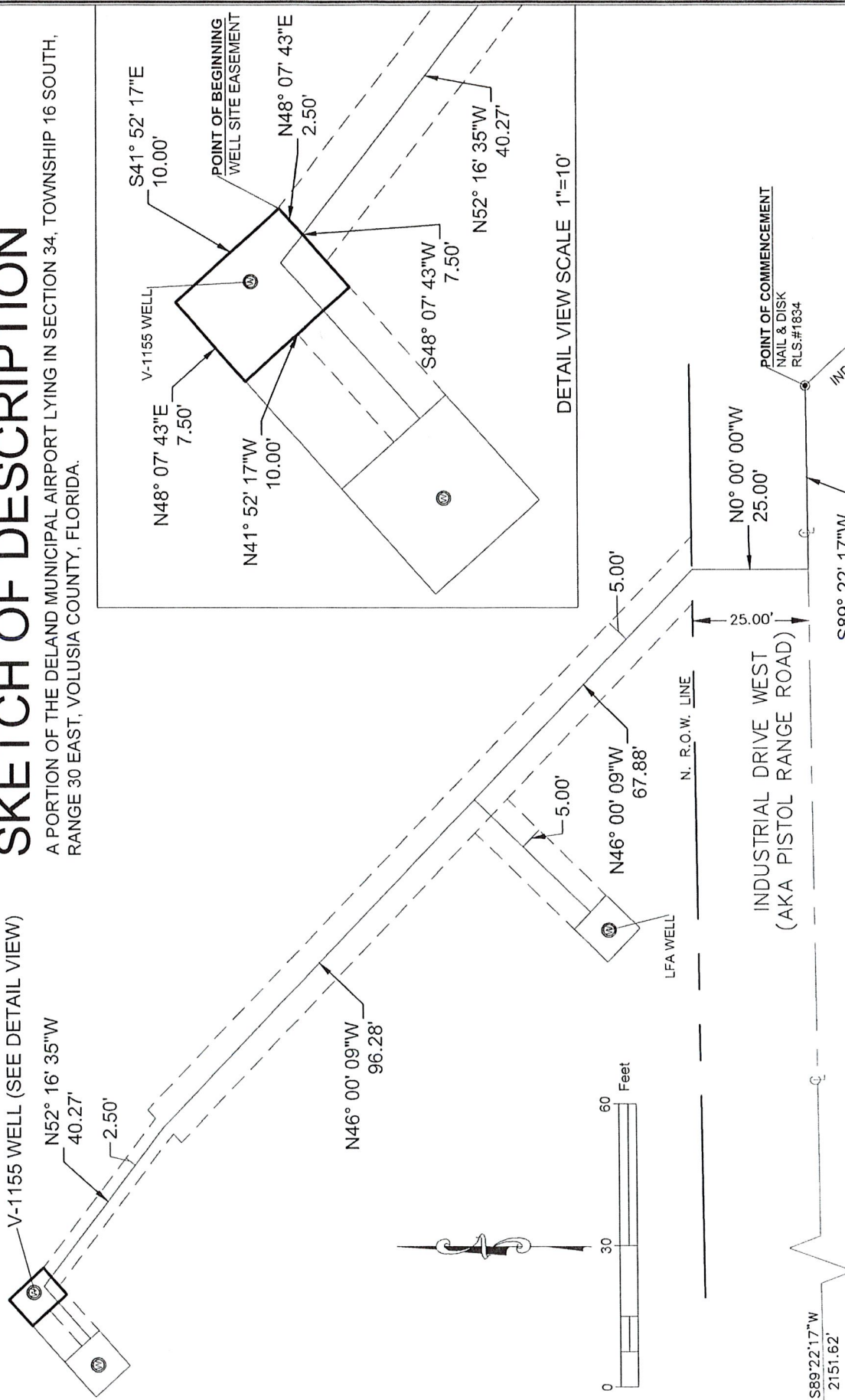
REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER

FILE NAME: 7871-23.dwg	WORK ORDER NO.: 7871-23	SHEET: 4 of 6
DATE: 5-23-2023		



SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.



NOTES:

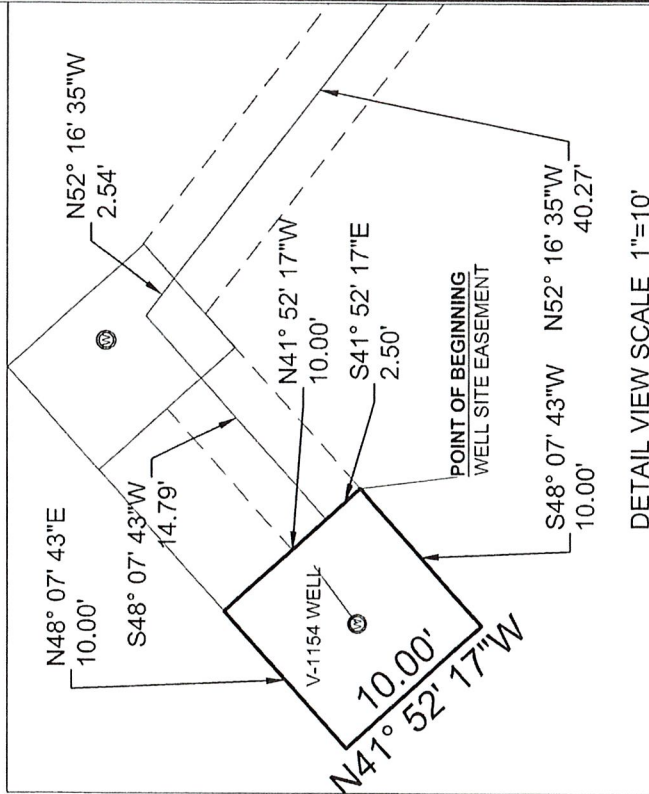
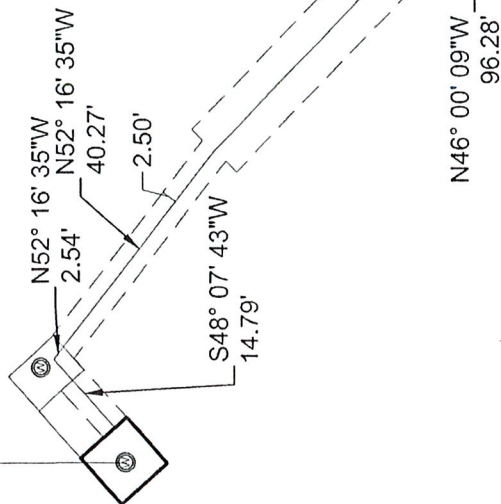
1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983.
2. THIS SKETCH MAY HAVE BEEN SHRUNKEN OR ENLARGED FROM THE ORIGINAL AND MAY NOT BE TO SCALE.
3. THIS SKETCH IS NOT VALID WITHOUT PAGES 1 THRU 5.
4. THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
5. INFORMATION SOURCE: SURVEY BY BLACKWELL & ASSOCIATES LAND SURVEYORS, INC. DATED JUNE 28, 2005, WORK ORDER # 6-391-05

ST. JOHNS RIVER WATER MANAGEMENT DISTRICT DATE DRAWN: 5-3-2023 FIELD BOOK DATE: NONE FIELD BOOK & PRICE: NONE DRAWN BY: [Signature] CHECKED BY: [Signature] APPROVED BY: [Signature] SCALE: AS NOTED R/C: [Signature]		DELAND AIRPORT WELL SITES SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST VOLUSIA COUNTY, FLORIDA		SURVEYOR CERTIFICATION [Signature] FLORIDA LICENSE NO. 12014 DATE: 5-4-23	FILE NAME: 187123.DWG WORK ORDER NO.: 187123 SHEET: 5 of 6
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SKETCH OF DESCRIPTION

A PORTION OF THE DELAND MUNICIPAL AIRPORT LYING IN SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.

V-1154 WELL (SEE DETAIL VIEW)



DETAIL VIEW SCALE 1"=10'

LFA WELL

N. R.O.W. LINE

INDUSTRIAL DRIVE WEST
(AKA PISTOL RANGE ROAD)

POINT OF COMMENCEMENT
NAIL & DISK
RLS.#1834

S89°22'17"W
2151.62'

NOTES:

1. ALL BEARINGS AND COORDINATES ARE RELATIVE TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, EAST ZONE, PER THE AMERICAN DATUM OF 1983.
2. ADJUSTMENT 1990 (NAD83/1990). UNITS ARE IN SURVEY FEET.
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ST. JOHNS RIVER		WATER MANAGEMENT DISTRICT	
DATE DRAWN	FIELD WORK DATE	FIELD BOOK #	PAGE
5-3-2007	NONE	NONE	NONE
DRAWN BY	CHECKED BY	APPROVED BY	SCALE
ING	ING	ING	AS NOTED

DELAND AIRPORT WELL SITES
SECTION 34, TOWNSHIP 16 SOUTH, RANGE 30 EAST
VOLUSIA COUNTY, FLORIDA

SURVEYOR CERTIFICATION		FILE NAME	WORK ORDER NO.	SHEET
[Signature]		7871-23.dwg	7871-23	6 OF 6
FLORIDA LICENSE NO. 7017		DATE 5-3-23		
REVISION	DATE	DESCRIPTION	WORK ORDER NUMBER	

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Award of Bid for River Booster Pump Station Construction.

DEPARTMENT: Utilities

PREPARED BY: Jim Ailes, Deputy Public Serv. Director/Utilities Director

ATTACHMENTS: Bid Tabulation, Recommendation of Award, McMahan Construction Letter

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

On April 3, 2023, the City Commission authorized Mead & Hunt to design the River Booster Pump Station project. The plans and specification were completed and the project put out to bid recently. Bids were opened on June 27, 2024 for this project. This pump station would be installed about at the mid-range point of the effluent piping between the WWTP and the river, in order to reduce the total dynamic head and allow increased water flow from the river to the Wiley M. Nash Water Reclamation Facility.

This project will provide services to construct and install the necessary piping, fittings, pumps, flushing, testing, pressure testing, restoration work that will be required, and building to house the pump and controls. In addition, the air release valves will be replaced along the route and a few automated valves at each end to assure the system will function properly when needed. The major delay in putting this project together was the size of the pump station caused the city to relocate outside of the Volusia County right away. The city reached out to a developer for land to accommodate this larger structure and they have been willing to accommodate us and provide a tract in their proposed subdivision. The Volusia County process is much slower than the cities and is just now reaching the final development order for construction.

The project was advertised for bid via the local newspaper and the internet-based Demand Star System. Bids were received from five firms and the results are presented in the attached bid tabulation. The proposed contractor did recently complete the South Reclaim Pump Station that was delayed and was charged liquidated damages. A letter of explanation by them is attached.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government.

SUSTAINABILITY:

Facilities & Infrastructure.

FISCAL IMPACT:

The current FY 23/24 budget in the Wastewater Trust Fund includes \$3,478,560.00 for the Reclaim Phase 5 project, which had Part (A) Crosscreek and Part (B) River Booster Pump Station. Part (A) has been awarded and construction completed at this time for a cost of \$1,961,827.25. Additionally, \$160,659.00 has been awarded for ongoing CEI Services and \$91,826.00 for the pump station. This leaves \$1,274,233.87 for the remainder of the project. Award to the lowest bidder, McMahan Construction, will result in an obligation of \$1,539,000.00. Additional required funding of \$264,766.13 is available from excess current revenues generated

in the Wastewater Trust Fund during FY 23/24 and has been included in a corresponding budget amendment presented to the City Commission for approval.

RECOMMENDATION:

Staff recommends that the City Commission award the River Booster Pump Station construction project to McMahon Construction in the amount of \$1,539,000.00.

BACKGROUND/DISCUSSION:

This is an important part of the Utilities System Master planning effort. It will improve efficiency and capacity both pumping from the river for reclaim augmentation or discharging from the Wiley M. Nash WWTP.

B-24-11 / River Booster Pump Station

Tabulation

ITEM	DESCRIPTION	QTY	All State Civil Const. Inc.		McMahan Construction Co., Inc.		Prime Construction Group, Inc.		Sawcross, Inc.		SGS Contracting Services, Inc.	
			UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Mobilization/Demobilization	1	\$180,000.00	\$180,000.00	\$70,000.00	\$70,000.00	\$200,000.00	\$200,000.00	\$80,000.00	\$80,000.00	\$50,000.00	\$50,000.00
2	Clearing, Grubbing, Soil, & Erosi	1	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$32,000.00	\$32,000.00	\$60,000.00	\$60,000.00	\$20,000.00	\$20,000.00
3	Pre-Construction Video	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
4	Field Locate & Expose Existing U	1	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	\$5,031.00	\$5,031.00	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
5	Yard Piping/Valves	1	\$150,000.00	\$150,000.00	\$315,000.00	\$315,000.00	\$530,000.00	\$530,000.00	\$552,000.00	\$552,000.00	\$393,200.00	\$393,200.00
6	Pump Station	1	\$835,000.00	\$835,000.00	\$226,000.00	\$226,000.00	\$612,500.00	\$612,500.00	\$425,000.00	\$425,000.00	\$240,000.00	\$240,000.00
7	Tie-Ins	1	\$30,000.00	\$30,000.00	\$100,000.00	\$100,000.00	\$25,004.00	\$25,004.00	\$80,000.00	\$80,000.00	\$100,000.00	\$100,000.00
8	Electrical & Instrumental	1	\$240,000.00	\$240,000.00	\$400,000.00	\$400,000.00	\$659,155.00	\$659,155.00	\$478,000.00	\$478,000.00	\$500,000.00	\$500,000.00
9	Concrete Driveway 6" Thick	1	\$3,500.00	\$3,500.00	\$15,000.00	\$15,000.00	\$7,193.00	\$7,193.00	\$20,000.00	\$20,000.00	\$15,000.00	\$15,000.00
10	Sitework/Restoration	1	\$28,000.00	\$28,000.00	\$25,000.00	\$25,000.00	\$30,000.00	\$30,000.00	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
11	Outfall Main ARV Replacement	13	\$5,000.00	\$65,000.00	\$7,000.00	\$91,000.00	\$10,500.00	\$136,500.00	\$4,000.00	\$52,000.00	\$14,000.00	\$182,000.00
12	Electric Valve Actuator Replace	3	\$110,000.00	\$330,000.00	\$49,000.00	\$147,000.00	\$25,000.00	\$75,000.00	\$20,000.00	\$60,000.00	\$50,000.00	\$150,000.00
13	Chain Link Fencing & Manual Er	1	\$8,500.00	\$8,500.00	\$15,000.00	\$15,000.00	\$9,000.00	\$9,000.00	\$20,000.00	\$20,000.00	\$20,000.00	\$20,000.00
14	Permit Fees & Miscellaneous Al	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
15	Layout & As-Built Drawings	1	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
TOTAL				\$1,997,000.00		\$1,539,000.00		\$2,383,383.00		\$1,994,000.00		\$1,755,700.00

Tabulation represents the lowest-responsive bidder and the recommended awardee of the City of DeLand. Bid tabulations are posted to DemandStar at www.demandstar.com & VendorLink at www.vendorlink.com.



July 19, 2024

Jim Ailes
Utilities Director
City of DeLand
1102 S. Garfield Ave.
DeLand, Florida 32724

Email: ailesj@deland.org
Hard Copy Mailed Only on Request

**RE: RIVER BOOSTER PUMP STATION
BID NO. B-24-11**

Dear Jim,

The City received five (5) bids on the above referenced project on June 27, 2024. McMahan Construction Co., Inc. of DeLand, Florida was the low bidder with a bid totaling \$1,539,000.00 (bid tabulation attached).

We have worked with McMahan Construction Co., Inc. on numerous projects of a similar nature in the past. John Justus with McMahan Construction has committed to serving as the PM for this project. We have checked their bid for conformance, and they have submitted all the required documentation. Therefore, we recommend that the City award this project, in its entirety, to McMahan Construction Co., Inc. in the total amount of \$1,539,000.00.

Do not hesitate to contact the office if you have questions. Thank you.

Sincerely,

A handwritten signature in blue ink, appearing to read "Brad T. Blais".

Brad T. Blais, P.E.
Project Manager

BTB:bf

Attachment: Bid Tabulation

cc: Whitney Zittle – City of DeLand
Matt Guzinski – Mead & Hunt

B-24-11 / River Booster Pump Station

Tabulation

			All State Civil Const. Inc.		McMahan Construction Co., Inc.		Prime Construction Group, Inc.		Sawcross, Inc.		SGS Contracting Services, Inc.	
ITEM	DESCRIPTION	QTY	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE	UNIT PRICE	EXTENDED PRICE
1	Mobilization/Demobilization	1	\$180,000.00	\$180,000.00	\$70,000.00	\$70,000.00	\$200,000.00	\$200,000.00	\$80,000.00	\$80,000.00	\$50,000.00	\$50,000.00
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3	Pre-Construction Video	1	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
4	Field Locate & Expose Existing Utilities	1	\$18,000.00	\$18,000.00	\$20,000.00	\$20,000.00	\$5,031.00	\$5,031.00	\$50,000.00	\$50,000.00	\$15,000.00	\$15,000.00
5	Yard Piping/Valves	1	\$150,000.00	\$150,000.00	\$315,000.00	\$315,000.00	\$530,000.00	\$530,000.00	\$552,000.00	\$552,000.00	\$393,200.00	\$393,200.00
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14	Permit Fees & Miscellaneous Allowance	1	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00	\$50,000.00
15	Layout & As-Built Drawings	1	\$25,000.00	\$25,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00	\$15,000.00	\$15,000.00	\$5,000.00	\$5,000.00
TOTAL			\$1,997,000.00		\$1,539,000.00		\$2,383,383.00		\$1,994,000.00		\$1,755,700.00	

Tabulation represents the lowest-responsive bidder and the recommended awardee of the City of DeLand. Bid tabulations are posted to DemandStar at www.demandstar.com & VendorLink at www.vendorlink.com.



DEAN KELLOGG, *President*
#CGC1532692 and #CBC1259026

JOHN JUSTUS, JR., *Exec. Vice President*
#CGC059437 and #CUC057309

SHERRY VAUGHN
Secretary-Treasurer

July 19, 2024

City of DeLand
1101 S Amelia Ave
DeLand, FL 32724
Attn: Mr. Jim Ailes

Re: WRF Reuse South Pump Station

Jim,

I would like to address the management on this project by McMahan Construction. During the timeline of this project I personally failed to timely secure a long lead critical component required to complete this contract. The result of this oversight placed completion of this project well past the contract date and subsequently dissatisfied you and your personnel. I realize this event has jeopardized your confidence in me, and in McMahan's ability to successfully complete future projects on time. I assure both you and the City of DeLand that this is not a true representation of how this company operates.

McMahan Construction has a long history with the City of DeLand, having had a multitude of successful and mutually beneficial projects over multiple decades. As you know from our past performance this event is not a valid representation of how my company usually operates or what our working relationship with the city is. I look forward to having the opportunity to prove to you that we take our operations and reputation seriously and we will not allow such oversights on any future projects that we are awarded. Moving forward part of our solution to this issue will be to utilize my most experienced project management team of John Justus and Donnie Ramsey on future projects with the city.

As a native resident of DeLand, with a business operating in DeLand, the city is and always has been our preferred client. We have enjoyed the mutually beneficial relationship that we have had here. We fight harder to get contracts with you above any other municipality, as evidenced most recently by our bid on the River Booster Pump Station.

I greatly appreciate your consideration of this apology for the above-mentioned error. We look forward to the opportunity to continue the longstanding symbiotic relationship between McMahan and the City of DeLand.

Sincerely,
McMahan Construction Co., Inc.

Dean Kellogg
President

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Extension of Concession Agreement Between Stetson University and the City of DeLand for Services at Spec Martin Stadium.

DEPARTMENT: Parks & Recreation

PREPARED BY: rick hall, P&R Director

ATTACHMENTS: Concession Agreement Extension

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

Stetson University and the City of DeLand entered into an agreement for Stetson University to provide concession services at Spec Martin Stadium in July 2022. Stetson University has requested that the agreement be extended an additional two years through July 2026.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

N/A

SUSTAINABILITY:

N/A

FISCAL IMPACT:

The City of DeLand is to receive seven percent of the first \$80,000 of gross revenue, plus 10% of all gross sales over \$80,000.

RECOMMENDATION:

It is recommended that Commission approve the extension of the agreement with Stetson University for concession services at Spec Martin Stadium through July 2026.

BACKGROUND/DISCUSSION:

Stetson University and the City of DeLand entered into an agreement for Stetson University to provide concession services at Spec Martin Stadium in July 2022. Stetson University has requested that the agreement be extended an additional two years through July 2026.

**EXTENSION OF CONCESSION AGREEMENT BETWEEN
STETSON UNIVERSITY AND THE CITY OF DELAND**

This Extension Agreement is made and entered into between the City of DeLand, a municipality of the State of Florida, whose mailing address is City Hall, 120 South Florida Avenue, DeLand, Florida 32720 (hereinafter referred to as the "City") and Stetson University, Inc., a Florida not-for-profit corporation, with a principal place of business at 421 North Woodland Boulevard, Unit 8278, DeLand, Florida 32723 (hereinafter referred to as "Stetson").

WHEREAS, the parties to this Extension Agreement previously entered an agreement entitled Stetson University/City of DeLand Concession Agreement, the term of which commenced on July 18, 2022, and which relates to concession services at Spec Martin Stadium (the "Original Agreement"); and

WHEREAS, the parties to this Extension Agreement desire to extend the term of the Original Agreement until July 31, 2026, *nunc pro tunc* to its original termination date.

NOW, THEREFORE, in consideration of the foregoing recitals, and for the other good and valuable consideration, the receipt of which is acknowledged, the parties agree and understand as follows:

1. The above recitals are true and correct and form a material part of this Extension Agreement upon which the parties have relied.
2. The term of the Original Agreement, as set forth in Section 1 of the Original Agreement, is extended until July 31, 2026, *nunc pro tunc* from its original termination date.
3. Except as modified in this Extension Agreement, all other terms and conditions of the Original Agreement remain in full force and effect.

IN WITNESS WHEREOF, the parties have hereunto set their hands and seals on the days and year set forth herein.

SIGNATURE BLOCKS ON FOLLOWING PAGE

STETSON UNIVERSITY, INC.,
a Florida not for profit corporation.

By: 
Ricky Ray, Athletic Director
Date: 7/16/24

CITY OF DELAND

By: _____
Christopher M. Cloudman, Mayor
Date: _____

ATTEST:

Julie A. Hennessy, MMC
City Clerk – Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind, Esquire
City Attorney

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re First Amendment to Employee Assistance Program (EAP) Services Agreement to CuraLinc, LLC.

DEPARTMENT: Human Resources

PREPARED BY: Mark Hayward, HR Director

ATTACHMENTS: CuraLinc Healthcare - First EAP Amendment for City of Deland

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The City provides a well-rounded package for employee benefits and one of the items in the City's benefit package is EAP. Curalinc has returned a renewed three-year extension of the agreement from October 1, 2024-September 30, 2027.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

The fiscal impact of this three-year agreement is a total of \$19,500 or \$6,500 per year, which is included in the FY 2024-2025 budget.

RECOMMENDATION:

Staff recommends approval of this extended agreement with Curalinc for FY 2024-2027 for a total amount of \$19,500 or \$6,500 per year, which is a reduction from the City's last agreement. This amount is included in the FY 2024-2025 budget.

BACKGROUND/DISCUSSION:

N/A

First Amendment to Employee Assistance Program (EAP) Services Agreement

As of **July 24, 2024**, the **AGREEMENT** dated **October 5, 2021**, by and between **City of DeLand**, a Florida corporation (herein after referred to as Company), located at 120 S. Florida Avenue, DeLand, FL 32720, and CuraLinc, LLC, otherwise known as CuraLinc Healthcare, an Illinois corporation (herein after referred to as CuraLinc), located at 314 West Superior Street, Suite 601, Chicago, IL 60654, shall be **AMENDED**.

CIEBDs shall enjoy the rights and privileges in the Agreement fully executed on **October 5, 2021**, whose terms are hereby, referenced, restated, repeated and incorporated by reference in full as a part of this Amendment.

I. CONTRACT TERM

The following paragraph shall be **AMENDED** to delete and replace the dates:

The Term of this Agreement shall commence on **November 1, 2024** (the "Effective Date") and continue through **September 30, 2027**. Thereafter, this Agreement shall automatically be renewed for successive one (1) year terms, unless either party has notified the other in writing of its intention not to renew this Agreement at least 90 days prior to the anniversary.

VI. PAYMENT

The following paragraph shall be **AMENDED** to delete and replace the payment and guaranteed date:

In Consideration for the above-mentioned services, Company agrees to pay CuraLinc a sum of **one dollar and twenty-four cents (\$1.24)** per Covered Employee per month, based on the Employee Count referenced in Appendix A. ***The aforementioned price(s) will be guaranteed to the Company until September 30, 2027.***

IN WITNESS WHEREOF, the parties hereto have executed this Amendment, which amends the Agreement dated **October 5, 2021**, between Company and CuraLinc.

City of DeLand

CuraLinc, LLC (d.b.a. CuraLinc Healthcare)

By: _____

By: Krista Morris
Krista Morris

Its:

Its: Senior Vice President of Client Success

Date

7/12/24
Date

APPENDIX A
COVERED EMPLOYEE HEADCOUNT

The following paragraph shall be **AMENDED** to read as the following:

As of the ***July 24, 2024***, the number of Covered Employees eligible for the Program (the “Employee Count”) is as follows:

United States: 540

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Renewal of Contract with Florida Health Care (FHC) Plans for FY 2024-2025.

DEPARTMENT: Human Resources

PREPARED BY: Mark Hayward, HR Director

ATTACHMENTS: Letter, DeLand Housing Authority, City of DeLand

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

Each year the City of DeLand holds its annual insurance open enrollment of the city's insurance benefits. The City's insurance committee met between February and June this year to discuss the medical plan. The insurance committee decided to recommend the City continue with FHC.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government

SUSTAINABILITY:

N/A

FISCAL IMPACT:

The cost of health insurance will increase 6% for FY 2024-2025 across the board for all three health insurance plans offered by the City. Per the proposed budget, the portion of the monthly premium paid by the City per employee will go up to \$685.00 in FY 2024-2025. The total cost of health insurance included in the proposed FY 2024-2025 budget is \$4,134,020.

RECOMMENDATION:

It is recommended the City Commission renew the contract for medical insurance with Florida Health Care for Fiscal Year 2024-2025.

BACKGROUND/DISCUSSION:

The City will continue to provide three types of medical plans with three tiers in each plan of coverage for our employees. Basic HMO, HMO and POS.

HMO Basic coverage (City pays the employee rate)

HMO (City pays up to the basic rate)

POS (City pays up to the basic rate)

The employee pays the difference for the higher level coverage and to cover qualified dependents. This contract continues with four county area of coverage with high-end facilities in Seminole and Orange County.

All three plans will provide the following:

1. Expanded provider access under BCBS for Volusia, Flagler, Orange and Seminole counties.
2. Accept the My Health on Site Physician as a FHC PCP and referring physicians to an expanded network.

3. Wellness Rider with free membership to many fitness centers, i.e. YMCA, Planet Fitness etc.
4. Pre-authorization for medical care for processing of enhanced quality of care for medical needs for our employee workforce.
5. Work Force Wellness workshops for employees and dependents.
6. Extended network for medical facilities: Orlando Regional Medical Center, Winnie and Arnold Palmer Children's Hospital, Lake Monroe HCA hospital, Shands, Mayo, Moffat Cancer and MD Anderson Cancer and Research Centers.

May 13, 2024

Dear Mayor Christopher M. Cloudman,

It is Florida Health Care Plans' continued pleasure to provide health care coverage to **City of DeLand & DeLand Housing Authority**, employees.

FHCP is proud to once again claim top honors in the News-Journal Reader's Choice Award as the "Best HMO Around". This honor reflects our commitment to offer the highest quality medical care and service to our members' at the most affordable price.

FHCP strives to provide the most competitive rates available. Please be advised that the renewal rates for this organization were determined based on the cost factors for the current employee census. If the actual census or employees who participate in FHCP changes significantly, this could have a material impact on rates, either positive or negative. If based on actual enrollment, rates reflect a greater than 10% variance; FHCP reserves the right to make necessary adjustments.

I have attached the following contract documents for your group for this renewal period.

- FHCP Large Group Insurance Contract
- Employer Application
- Group Contract Information Page that provides the plan rates
- Applicable Rider(s)
- Summary of Benefit and Coverage (SBC) Document(s)

Please confirm **City of DeLand & DeLand Housing Authority's** acceptance of FHCP coverage by:

- 1) **Reviewing and signing** the attached FHCP Large Group Insurance Contract.
- 2) **Completing and signing** the attached Employer Application.
- 3) **Reviewing and signing** the attached Group Contract Information page.

Please return these documents to me **as soon as possible**, along with your member enrollment spreadsheet or applications. You can scan and email the signed contract documents to jen.ferreira@bcbsfl.com.

If you have any questions, please feel free to contact me at 386-615-5076, or **David Miller**, your Account Management Specialist at **386-615-5074**.

Sincerely,

Jen Ferreira, Sales Resource Specialist

Attachments

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Sincerely,

Jen Ferreira, Sales Resource Specialist

Attachments

FLORIDA HEALTH CARE PLAN, INC.
2450 Mason Avenue
Daytona Beach, FL 32114

Group Insurance Contract
(herein called the Contract)

Florida Health Care Plan, Inc., (hereinafter called FHCP), agrees to provide the health care services described under the provisions of the Group Plan as further described in the applicable Certificate of Coverage, Schedule of Benefits, and other applicable documents, to all Covered Employees of the Employer and their Covered Dependents. The provision of services is subject to all of the terms on this page and those that follow, including any limitations, restrictions or exclusions, as well as any amendments made a part of this Group Plan.

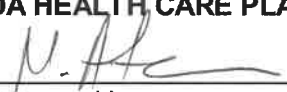
The Employer may act on behalf of all eligible employees and dependents. Every act by, agreement made with, or notice given to the Employer will be binding on all Covered Employees and Covered Dependents.

This Group Plan is issued in consideration of the application of the Employer and payment of Premium in advance by the Employer at FHCP's corporate office in Daytona Beach, FL 32114.

This Group Plan is effective on the Group Effective Date shown on the Group Plan Information Page. The first Premium covers the period starting on the Group Effective Date.

The parties hereto have caused this Agreement to be executed by their duly authorized officers or agents.

FLORIDA HEALTH CARE PLAN, INC.

By:  Date: 05/13/2024
Marie Atanasoski
CFO
Florida Health Care Plan, Inc.

GROUP / EMPLOYER

By: _____ Date: _____
Authorized Representative

City of DeLand - DeLand Housing Authority Group #: 732/733 Effective Date: 10/01/2024
Company Name

1. Responsibilities of the Employer

The Employer acknowledges and warrants that is eligible for the health care coverage provided under this Group Plan by virtue of being an Employer, as defined in the Florida Statutes and applicable law, at the time this Group Plan is issued. The Employer shall offer to all eligible employees the opportunity to become a Covered Employee under this Group Plan. Such offer shall be made in such a fashion that employees are made aware, and understand, that this Group Plan contains a benefit structure that may require the use of a Primary Care Physician and/or Participating Providers.

The Employer shall pay FHCP the applicable Premium as further described herein. The Employer may require an employee to pay some portion of the Premium. However, the Employer must contribute the same percentage toward the cost of all health benefit plans established and maintained by the Employer.

2. Responsibilities of FHCP

In consideration of the payment of Premium by the Employer, FHCP shall provide coverage for Covered Employees and, if applicable, their Covered Dependents. In doing so, FHCP may enter into agreements with providers of health care, one or more other Group Policies or insurers and such other individuals and entities as may be necessary to enable FHCP to fulfill its obligations under this Group Plan.

FHCP agrees to provide coverage without discrimination because of race, color, national origin, age, disability, religion, or sex or any other basis prohibited by law.

3. Employee Eligibility

Subject to any Eligibility Exceptions noted on the Group Plan Information Page or other applicable documents, an individual becomes eligible for coverage on the date they complete any applicable waiting period established by the Employer, as shown on the Group Plan Information Page or other applicable documents. The waiting period is the length of time an individual must wait before becoming eligible for coverage.

If an eligible person is currently covered under any other Plan issued by FHCP, or any other health benefit plan established and maintained by the Employer, they will not be considered eligible for coverage under this Group Plan.

4. Commencement of Coverage

On the Group Plan Effective Date as shown on the Group Plan Information Page, FHCP agrees to provide the coverage stipulated in this Group Plan, Certificates of Coverage, Schedule of Benefits, and other applicable documents to all Covered Employees and, if applicable, their Covered Dependents, if any. Such coverage begins on the Covered Person's effective date, which will be the first of the month after the receipt and approval of the application by FHCP, unless this Group Plan specifies a date other than the first of the month (See Special Enrollees, Late Enrollees, and Dependent Effective Date provisions of the Certificate of Coverage). FHCP accepts no liability for benefits related to expenses incurred prior to the Covered Person's effective date or after the Covered Person's termination date, which will be on the last day of the coverage month, except as described in the Extension of Benefits provision or as specified in the Terms of Renewal and Termination provisions.

5. Minimum Participation Requirements

Employer must maintain a minimum enrollment agreed upon by FHCP. If these participation requirements are not satisfied, FHCP reserves the right to terminate this Group Plan after giving the Employer forty-five (45) days written notice prior to the Group's anniversary date.

FHCP reserves the right to request evidence of employee and dependent coverage under other plans to verify eligibility and compliance with this Provision.

6. Termination of this Plan by the Employer

The Employer may terminate this Group Plan as of any Premium due date and should give FHCP at least forty-five (45) days prior written notice. In such event, no benefits will be provided on or after such termination date, except as specifically set forth in this Group Plan.

7. Termination of this Plan by FHCP

FHCP may terminate this Group Plan as of any Premium due date if the Employer has not paid the entire required Premium by the end of the Grace Period as set forth herein. However, if the Employer has given FHCP prior written notice in advance of an earlier date of termination, this Group Plan will terminate as of that earlier date. The Employer is liable to FHCP for any unpaid Premium for the time the Group Plan was in force, or for any amounts otherwise due FHCP.

If the Group's coverage is terminated for any reason set forth in this Group Plan, FHCP will mail the Employer a written notification that this Group Plan has terminated. This notification will disclose the date of termination and the reason(s) for termination. It is the Employer's obligation to immediately notify each Covered Person of any such termination.

8. Terms of Renewal

This Group Plan is a guaranteed renewable Plan. This means the Plan renews each year on the Group Plan Anniversary Date shown on the Group Plan Information Page. FHCP guarantees the Employer the right to renew the Group Plan each year, at the Employer's option, with the exception of non-payment of Premium or loss of eligibility. FHCP will give the Group at least forty-five (45) days advance written notice of our intent to non-renew this Group Plan, if one of the following circumstances has occurred:

- A. The Employer fails to timely pay Premium or contributions in accordance with the terms of this Group Plan;
- B. The Employer fails to comply with material provisions of this Group Plan which relates to rules for contribution or participation;
- C. FHCP ceases offering this Plan to all policyholders;
- D. The Employer and enrollees no longer work or reside in the service area of FHCP or in the area in which FHCP is authorized to do business;
- E. The Employer has performed an act or practice that constitutes fraud or made an intentional misrepresentation of material fact under the terms of this Group Plan;
- F. FHCP is required to by applicable law.

9. Discontinuance of this Plan

FHCP may discontinue offering this particular Group Plan if:

- A. FHCP provides at least ninety (90) days notice to each policyholder and to participants

- and beneficiaries covered under the Plan prior to renewal; and
- B. FHCP offers each policyholder the option to purchase other coverage currently being offered by FHCP.

10. Discontinuance of all Coverage in the GroupMarket

FHCP may discontinue offering all coverage in Florida if:

- A. We provide notice to the Office of Insurance Regulation (hereinafter called Office) and each Employer and enrollee 180 days prior to renewal; and
- B. All health coverage issued or delivered for issuance in Florida is discontinued and coverage under such health coverage is not renewed.

11. PREMIUM.

Employer shall pay FHCP Premium for services rendered in accordance with this Agreement.

- A. **Premium:** means any payments or amounts required by a health contract for coverage, by whatever name called. This includes but is not limited to any monthly subscription fee.
- B. **Premium Due Date**
After the Group Effective Date shown on the Group Plan Information Page, the Premium due date will be the first day of each month.
- C. **Payment of Premium**
The first Premium payment is due on the Effective Date shown on the Plan Information Page. Each following Premium payment is due monthly unless the Employer and FHCP agree on some other method and/or frequency of payment. Premium payments should be sent to FHCP's home office or the billing address provided by FHCP.

12. The Grace Period

This Plan has a 10-day grace period. A grace period means that if any required Premium is not paid on or before the date it is due, it may be paid during the grace period immediately following that Premium due date. During the grace period, the Plan will stay in force. The grace period does not apply to the Premium due on the Effective Date, or if the Employer has given FHCP written notice that the Plan is to be terminated prior to the Premium due date. If the Premium is not paid by the end of the grace period, the Plan may terminate as of the date the payment was due. Any late payment penalties are subject to Department of Insurance approval.

13. Monthly Premium Statement

FHCP will prepare a monthly statement of the Premium due on or before the Premium due date. This monthly statement will also reflect any pro rata Premium charges and credits resulting from changes in the number of Covered Persons and changes in the amounts of coverage that took place in the previous month. If a Covered Person becomes ineligible for coverage under this Group Plan for any reason, the Employer shall, if possible, provide FHCP with prior written notice of such ineligibility. However, in any event, written notice of such ineligibility shall be provided by the Employer to FHCP no later than thirty (30) days after such ineligibility. In the event that notice of termination of a Covered Person, or a decrease in coverage, is received by FHCP more than one month after the termination or decrease, retroactive credit will be limited to premium paid after date of termination or decrease in coverage.

FHCP's billing cycle is as follows:

1. If members are added on or before the 15th of the month, they are billed for the

whole month. If members are added on or after the 16th of the month, they are not billed for that month.

2. If members are canceled on or before the 15th of the month, they will not be billed for that month. If members are canceled on or after the 16th of the month, they are billed for the whole month.

This is called the “wash cycle”. If you have any questions, please call the FHCP Enrollment Department at 386-676-7176 or 1-800-352-9824 ext. 7176 during business hours, Monday through Friday, 8:00 a.m. to 5:00 p.m.

[This provision is subject to FHCP billing policies, protocols, and procedures which may change from time to time.]

14. Simplified Accounting

Premium adjustments will be made on the monthly Premium statement date that is the same as or next follows the date:

- A. A person becomes covered;
- B. The amount of coverage on a Covered Person changes, but not due to a revision of the coverage plan; or
- C. A person ceases to be covered.

15. Changes in Premium

No change in Premium rates will be made for the first twelve (12) months that this Group Plan is in effect. A change in Premium rates will not be made more often than once in a twelve

(12) month period. FHCP will give the Employer written notice of any changes in Premium rates at least thirty (30) days prior to the Group's renewal date.

16. Incorrect Premium Payment

Any Premium adjustment made due to the correction of an error in the Premium payment will be made without interest on the next Premium due date after the facts are made known to FHCP.

17. Entire Plan

The entire agreement is made up of this document, the Employer's application for coverage, Certificate of Coverage, Schedule of Benefits, and any amendments, riders, or certificates attached hereto along with the applications for all Covered Employees and their covered dependents, or any other documents mutually agreeable by both FHCP and Employer to be incorporated herein. All statements made by the Employer or by a Covered Employee are considered to be representations, not warranties. This means that the statements are considered to have been made in good faith. No such statement will void this Plan, reduce the benefits it provides, or be used in defense to a claim for coverage unless it is contained in a written application and a copy is furnished to the person making such statement.

18. Time Limits for Certain Defenses

After two years from the effective date of this Plan, no misstatement made by the Employer, except a fraudulent misstatement made in the Employer's application for this Plan, may be used to

void this Plan. After two years from a Covered Person's effective date, no misstatement made by the Covered Person, except a fraudulent misstatement on his or her application, may be used to deny a claim for any benefit which begins after the end of the two- year period from the Covered Person's effective date.

19. Employer as FHCP's Agent for Limited Purposes

The Employer is considered to be an agent of FHCP only for the following purposes:

- A. Collecting employee enrollment information;
- B. Collecting any required employee contribution; and
- C. Giving out Certificates of Coverage or other coverage information to the Covered Employees.

20. Administration

The Employer must provide FHCP with the information it needs to administer this Group Plan and to compute the Premium due. Failure of the Employer to provide this information will not void or continue a Covered Person's coverage. FHCP has the right to examine the Employer's records on any issues necessary for the proper administration of this Group Plan at any reasonable time while this Group Plan is in force.

21. Financial Responsibilities of the Employer

FHCP reserves the right to recover any benefit payments made to or on behalf of any individual whose coverage has been terminated. Recovery efforts will relate to benefit payments made for services or supplies rendered subsequent to the Covered Person's termination date and prior to the date notice of coverage termination by the Employer. The Employer shall cooperate with and support such recovery efforts.

In the event that the Employer does not comply with the notice requirements set forth in the Premium Statement section, the Employer shall be solely liable to FHCP to the extent of any payment made on behalf of such individual for services or supplies rendered subsequent to the date notice of a Covered Person's termination was due.

22. Certificates of Coverage

FHCP will issue Certificates of Coverage for each Covered Employee. The certificate will describe the benefits provided and the limitations of this Group Plan. Nothing in the certificate will change or void the terms of this Group Plan.

The Employer agrees that, if requested by FHCP, the Employer will distribute to Covered Persons, the Certificate of Coverage and any amendments or endorsements to it, other coverage materials and notices applicable to all or any Covered Persons.

23. Changes to this Group Plan

FHCP may change this Group Plan from time to time as required by applicable state and federal laws and subject to Office approval. No change to this Group Plan will be effective unless made by an amendment or rider that has been signed by an officer of FHCP. No agent may change this Group Plan or waive any of its provisions.

If FHCP increase the cost share for any benefit or delete, amend or limit any of the benefits to

which a Covered Person is entitled to under this plan, We will give the Group forty-five (45) days written notice prior to renewal. The Group will not be notified if benefits are increased or if the Group requests any changes, deletions or limitations.

24. Misstatements

If information about a Covered Person is misstated, FHCP may adjust the Premium to correctly reflect the true information. If the misstatement affects the amount of the Covered Person's coverage, the true information may be used to determine the correct amount of coverage.

25. Worker's Compensation

This Plan does not affect or take the place of Workers' Compensation.

26. Assignment

Neither this Plan, nor the benefits provided under this Plan, may be assigned except as otherwise specifically described in this Plan.

27. Certificate of Coverage Provisions made part of this GroupPlan

The remainder of the Group Plan consists of the provisions shown in the Certificate of Coverage issued to Covered Employees under this Group Plan. These provisions are made a part of the Group Plan. Amendments, if any, changing the provisions of the Certificate of Coverage are also made a part of the Group Plan.

28. Service Area

The Service Area shall consist of the counties in which FHCP is authorized and licensed to do business.

29. Blue Cross Blue Shield Association

Subscriber, or Group Subscriber on behalf of itself and its participants hereby expressly acknowledges its understanding this policy/Agreement constitutes a contract solely between Subscriber and Florida Health Care Plans, which is an independent corporation operating under a license from the Blue Cross and Blue Shield Association, an association of independent Blue Cross and Blue Shield Plans, (the "Association") permitting Florida Health Care Plans to use the Blue Cross and/or Blue Shield Service Mark[s] in Florida and that Florida Health Care Plans is not contracting as the agent of the Association. Subscriber, or Group Subscriber on behalf of itself and its participants further acknowledges and agrees that it has not entered into this policy/Agreement based upon representations by any person other than Florida Health Care Plans and that no person, entity, or organization other than Florida Health Care Plans shall be held accountable or liable to Subscriber, or Group Subscriber for any of Florida Health Care Plans obligations to Subscriber, or Group Subscriber created under this policy/Agreement. This paragraph shall not create any additional obligations whatsoever on the part of Florida Health Care Plans other than those obligations created under other provisions of this agreement.

30. Retroactive Enrollment Activity

Requests for retroactive enrollment activity shall be submitted in writing to FHCP's Enrollment Department and shall include an explanation for the retroactive request. Such requests are only granted in FHCP's sole discretion. Parties acknowledge that granting of requests may be subject to certain reporting requirements under state or federal guidelines. FHCP reserves the right, in its sole discretion, to process reversal of any claims payments made during the retroactive termination period. Parties acknowledge that individual members may be billed for reversed claims.

EMPLOYER APPLICATION

PLEASE FORWARD COMPLETED APPLICATION TO:
FLORIDA HEALTH CARE PLANS, ATTN.: MARKETING DEPARTMENT, 1340 RIDGEWOOD AVENUE, HOLLY HILL, FL 32117
IF YOU SHOULD HAVE ANY QUESTIONS, PLEASE GIVE US A CALL AT 386-676-7110 or 1-800-232-0578.

I. GROUP INFORMATION: (PLEASE PRINT)

Application and all necessary requirements must be received by the 15th of the month prior to effective date.

LEGAL GROUP NAME CITY OF DELAND / DELAND HOUSING AUTHORITY
"DOING BUSINESS AS" (DBA), IF DIFFERENT _____ GROUP NO(S) 732 / 733
STREET ADDRESS 120 SOUTH FLORIDA AVE
CITY/STATE/ZIP DELAND, FL 32720 PHONE # 386-626-7096
MAILING ADDRESS _____
(IF DIFFERENT FROM ABOVE)
CITY/STATE/ZIP _____ EMAIL _____
GROUP CONTACT PERSON MARK HAYWARD TITLE DIRECTOR OF HR FAX # 386-626-7138
FEDERAL TAX ID # 59-6000307 NATURE OF BUSINESS MUNICIPALITY SIC# 91112 EXCLUSIVE: ☒ Yes ☐ No
IF NO. OTHER CARRIER _____ AND # OF EMPLOYEES ENROLLED _____
WORKER'S COMP CARRIER _____

CURRENT CARRIER FLORIDA HEALTH CARE PLANS EFFECTIVE DATE 10/01/2023 TERM DATE 09/30/2024

PRIOR CARRIER _____ EFFECTIVE DATE _____ TERM DATE _____

II(a). EMPLOYMENT DATA:

Number of employees choosing:	Number of employees:
HMO Coverage _____	Employed part-time _____
POS Coverage _____	Serving new hire period _____
Triple Option Coverage _____	Residing out-of-area _____
Waive Coverage _____	Retired _____
Total number of eligible employees: _____	Eligible for Cobra _____

II(b). ELIGIBILITY RULES:

- A. Employee must work 30 or more hours per week to be eligible.
B. Retirees Covered: ☒ Yes ☐ No
C. Eligibility Waiting Period: 1ST of month following 30 days of eligible employment.
D. Have you employed 20 or more employees for 20 weeks or more during the last calendar year? ☒ Yes ☐ No

III. COVERAGE SELECTION FOR ALL ELIGIBLE EMPLOYEES:

EFFECTIVE DATE 10 / 01 / 2024 (mm/dd/yyyy)
EMPLOYER CONTRIBUTION TO FHCP: (MINIMUM 50% REQUIRED) SINGLE 100/76 % DEPENDENT 49 %

LARGE GROUP: (51+ employees)
50% Participation Required

PLAN CODE(S)
HMO TD7, TD8
POS T08
Triple Option _____
HDHP _____

APPLICABLE RIDERS

- ☐ Dental
☐ Vision
☒ Pharmacy
☒ Wellness (Gym)
☒ WFW 10/01/2012
☐ Other _____

SMALL GROUP COMPLETE
☐ One Life ☐ 2-50

- ☐ I reviewed state mandated plans available to small groups, I elect to choose other coverage for my business.
☐ Domestic Partnership Coverage
☒ COBRA Administration (Available to groups with 20+ employees)

IV. AGENT INFORMATION:

AGENT NAME (please print) LINDSEY MCCLAMMY E-mail Address: lindsey.mcclammy@bbrown.com
STATE OF FLORIDA LICENSE NO. P211837
EMPLOYER/AGENCY (if commissions are paid to entity) BROWN & BROWN
ADDRESS 300 NORTH BEACH STREET
CITY / STATE / ZIP DAYTONA BEACH, FL 32114
PHONE # 386-239-7227 FAX # _____
SIGNATURE _____ DATE _____

V. EMPLOYER CERTIFICATION:

The Employer named above hereby applies for Employer Group Health Benefit Plan membership in FHCP on behalf of its eligible members and their eligible dependents who elect to enroll in FHCP. If accepted, this Employer Enrollment Form, Employee Enrollment Forms, the executed FHCP Employer Group Health Benefit Plan Contract, and Certificates of Coverage for the selected benefit plan, constitute the entire Contract between the Group and FHCP. The Employer agrees to pay any and all monthly subscription fees associated with the coverage chosen for their employees. The Employer is a group employer and eligible for coverage under the applicable section of the Florida Statutes and approved by the Department of Financial Services. I certify that I have read the statements on this form or that they have been read to me, and that all the information was provided by me and is true and complete to the best of my

CONTRACT INFORMATION PAGE

Employer Name: DeLand Housing Authority

Group Number(s): 733

Group Plan(s): HMO'S & POS PLAN YEAR

Group Effective Date: 10/01/2012 PLAN YEAR

Contract Anniversary Date: 10/01/2024 - 09/30/2025

Eligibility Exceptions: N/A

of Eligible Employees:

Employer Contribution Method: Percentage

Applicable Options:

- ☐ Vision Rider
☐ Dental Rider
☒ Pharmacy Rider \$3/10/30/55
☒ COBRA Coverage
☒ WFW effective 10/1/2012 Co-pay \$10.00
☐ Wellness Services Rider effective
☒ Preferred Fitness Gym Rider 10/1/2012
☐ Religious/Moral Contraception
Objection

(% or flat) Employee 100/76% Dependent 49%

Waiting Period: First of the month following 30 days of eligible employment. **Terminate:** Last day of billing cycle.

Rate Schedule

Group Plan	HMO TD7	HMO TD8	POS T08	
Rx & Rx Code	\$3/10/30/55 RX (G5)	\$3/10/30/55 RX (G5)	\$3/10/30/55 RX (G7)	
Single	\$849.02	\$657.94	\$985.93	
SP w/ any # Children	\$1,315.99	\$1,019.81	\$1,528.18	
Couple	\$1,315.99	\$1,019.81	\$1,528.18	
Family	\$1,655.61	\$1,282.99	\$1,922.54	

Florida Health Care Plan, Inc. (hereinafter called FHCP) agrees to provide the health care services described under the provisions of this Group Insurance Contract (herein called the Contract) and the FHCP Group Member Handbook (which by reference thereto is made a part thereof) for all Covered Employees o Employer and their covered dependents. The provision of services is subject to all of the terms on this page, those that follow, and the FHCP Group Member Handbook, including any limitations, restrictions or exclusions, as well as any amendments made a part of this Contract.

The Employer may act on behalf of all eligible employees and dependents. Every act by, agreement made with, or notice given to the Employer will be binding on all Covered Employees and Covered Dependents.

The contract is issued in consideration of the application of the Employer and payment of subscription fees in advance by the Employer. This Contract is effective on the Contract Anniversary Date shown above. The first subscription fees cover the period starting on the Contract Anniversary Date.

Signed for Florida Health Care Plan, Inc., Florida to take effect on the Contract Anniversary Date for delivery in the State of Florida.

BY:



Marie Atanasoski

CFO

Florida Health Care Plan, Inc.

Jenevieve Ferreira

Witness

Date: 05/13/2024

BY:



Name : Millie Quinones

Title: Executive Director

Group Name: DeLand Housing Authority



Witness

Date: 5/13/2024



**Florida
Health Care
Plans®**



An Independent Licensee of the Blue Cross and Blue Shield Association

POINT OF SERVICE RIDER

Florida Health Care Plans Group HMO Contract is hereby amended and supplemented by the terms and conditions of this Rider.

Nothing contained in this Rider will be held to vary, alter, waive, or extend any of the terms, conditions, provisions, exclusions or limitations of the Contract to which this Rider is attached, other than as specifically stated herein.

Additionally, this Rider in no way extends benefits beyond what has been stated in the HMO Contract (Certificate of Coverage, Schedule of Benefits and Coverage and Summary of Benefits and Coverage) in terms of specific service limits or benefit maximums. This Rider does not create any duplication of coverage or coordination of benefits contained in the FHCP Plan or any other Riders you may elect.

Please read this Rider carefully and keep it with your FHCP Plan Contract.

HOW THE POINT OF SERVICE RIDER WORKS...

PLAN DESIGN

This rider is designed to complement FHCP's existing HMO benefit plans. FHCP members are still members of our HMO, and are encouraged to utilize their HMO network for lowest out of pocket costs, however they have the added benefit of choosing to have their medical care rendered, at the point of service, by an HMO provider or a non-participating provider. With this rider, the plan is open access in that the member may self-refer to any provider.

OUT-OF-POCKET EXPENSE

A major feature of the POS rider is that the amount of the member's out-of-pocket expense (cost sharing) is determined by the member's choice of provider at the point of service. Members choosing HMO providers will be responsible for the lowest cost sharing amounts. Members choosing out-of-network providers will pay higher cost sharing in the form of higher deductibles and co-insurance and will also be at risk for non-participating providers fees that are in excess of allowable charges, commonly referred to as Balance Billing. Fees that are in excess of allowable charges are not a covered benefit and therefore do not apply to your deductible or annual out-of-pocket expense limit. These amounts can add up to considerable costs to members.

This Rider gives you options as described below:

In-Network

You can self-refer to any provider listed in FHCP's HMO Participating Provider Network. When you go directly to one of these participating providers without a referral you will be responsible for cost sharing as noted in the Schedule of Benefits and Coverage (SOB) or Summary of Benefits and Coverage (SBC).

Out-of-Network

You can self-refer to any provider outside of FHCP's HMO provider listing without a referral. When you choose a physician, provider or hospital outside the network, you pay a portion of your medical expenses through a separate deductible and coinsurance. Certain benefit limitations apply. You will also be responsible for the portion of nonparticipating provider/hospital fees that are in excess of FHCP's allowable charges (balance billing). These charges can be significant. We recommend whenever possible that you check with out-of-network providers to determine fees in advance.

This Rider provides **separate** deductibles between HMO and Out-of-Network benefits. Before FHCP will begin paying for Covered Services, a Member must satisfy the applicable Calendar or Benefit Year Deductible, which is set forth in the SOB and SBC.

PRIOR AUTHORIZATION

While this is an open access plan, certain services must have prior authorization. Prior Authorization requests require medical necessity and must be made PRIOR to you receiving any services. Services rendered without prior authorization will not be covered. You or your requesting physician may contact Florida Health Care Plans Referral/Prior Authorization Department by calling (386) 238-3230 or 1-800-729-8349 for instructions.

Prior Authorization is required for services rendered by certain types of Specialists, certain tests, services, and for certain injections and infusion therapy drugs administered in the physician's office. For a list of drugs requiring prior authorization please refer to FHCP's website at www.fhcp.com

The following are examples of health services that require prior authorization and are subject to change:

- Inpatient Hospital Services
- Outpatient Surgical Procedure (Ambulatory Surgery Center/Hospital/Provider's Office)
- Residential/Rehabilitation Facility
- Skilled Nursing Facility
- Home Health Care
- Advanced Imaging (MRI, MRA, PET, CT and Nuclear Med)
- Genetic Testing
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- Chemotherapy
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- Dental Anesthesia
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- Treatment for Temporomandibular Joint Disorders
- Congenital Anomaly, including Cleft Lip/Palate
- Durable Medical Equipment
- Hyperbaric Oxygen Therapy
- Wound Vac
- Nutrition and Formulas

Should you be unable to keep a scheduled appointment with a Non-Participating Provider, you must cancel the appointment within twenty-four (24) hours of the scheduled time. If you fail to notify the provider within this time frame, sometimes referred to as a "no call - no show," 100% of the cost of the service will be your responsibility.

DEFINITIONS...

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If you go to a provider who does not participate, you may be asked to pay for health care services first, and file claims yourself for reimbursement from FHCP. In order to file a claim, submit a copy of the bill and receipt to Florida Health Care Plans at P.O. Box 10348, Daytona Beach, FL 32120-0348.

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Reimbursement for Network Provider Services: FHCP will pay the Provider directly for all care received. The Member will not have to submit a claim for payment. Whenever HMO network services are utilized and FHCP's authorization procedure is followed HMO cost sharing will apply. This is a significant cost savings to you.

In the event the Member requires Emergency Services and Care for an Emergency Medical Condition from a Non-Participating Provider while inside or outside the Service Area; or, if FHCP authorizes a referral of the Member to a Non-Participating Provider, and the Member is required to pay the Non-Participating Provider directly for such services, the Member will be reimbursed for the allowed cost of the services less any applicable HMO co-payments for each date of service.

In the event a Member requires Emergency Services and Care for an Emergency Medical Condition from a Non-Participating Provider, call the FHCP Medical Claims Department at (386) 615-5010 to report the emergency as soon as medically possible. Before leaving the hospital or provider's office, obtain a copy of any dictation or sign a medical release form to give legal permission to release the records to the FHCP Medical Claims Department upon their request. Bring or send all claims, bills and medical records to the FHCP Medical Claims Department at 475 S Nova Rd, Ormond Beach, FL 32174, or mail the information to FHCP Medical Claims Department, P.O. Box 10348, Daytona Beach, Florida 32120-0348. For additional information, please refer to the Claims Review section of the Certificate of Coverage.

Medical Payment Guidelines for Non-Participating Provider Care: Whenever utilizing Non-Participating Providers for other than an Emergency Medical Condition, Out-of-Network benefits, deductibles and coinsurance and fees that exceed allowable charges will apply. FHCP's payment for services covered by this Rider will be determined according to the FHCP allowance guidelines (usual and customary rate – UCR) in effect at the time the service was rendered. These guidelines apply to Covered Services only and are not in addition to all of the other provisions, limitations and exclusions contained in the Contract and this Rider. Utilization of services rendered by non-participating providers and/or facilities may result in the member being responsible for significant balance billing in addition to their out-of-network deductible and coinsurance.

INFORMATION LINES

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EXCLUSIONS AND LIMITATIONS...

All services covered under this Rider must be Medically Necessary as defined in your Certificate of Coverage (COC). The benefit exclusions and limitations specified in the COC, SOB and SBC are also applicable to the benefits specified in this Point of Service Rider. Additionally, the following services are not covered or are limited under this Rider:

1. Emergency Services and Care administered by any provider for an Emergency Medical Condition will be covered under the HMO Provider Network. In order for care to be covered, FHCP must be notified as described in the Emergency Services and Care section of the Certificate of Coverage. If notification is not provided as specified in the Certificate of Coverage, services for an Emergency Medical Condition may be payable under the Rider if the service or supply is a covered service as specified in the Certificate of Coverage and not specifically excluded herein.
2. Hearing examinations for hearing aids are available only under the HMO Provider Network and are not an out-of-network benefit.
3. Telehealth services are available only under the HMO Provider Network and are not an out-of-network benefit.
4. Vision examinations are available only under the HMO Provider Network, if vision rider is purchased, and are not an out-of-network benefit.
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6. The maximum number of days/visits for a Skilled Nursing Facility, Residential or Rehabilitation Facility in any calendar year is a combined number of days/visits provided under BOTH your HMO (in-network) and this POS (out-of-network) benefits.

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This Preferred Fitness Certificate is designed to complement your FHCP benefit plan and provide fitness center access and other services to further members' wellness which include:

Fitness Center (Gym) access for eligible members:

Covered members will have access to FHCP contracted fitness centers in our service areas. Please refer to the FHCP Certificate of Coverage for a listing of our service areas.

- FHCP members have access to all contracted fitness centers.
- FHCP members may visit as many contracted fitness centers as they would like and are not restricted on the number of facilities they may join or the number of times they may visit.
- FHCP members must provide their FHCP insurance card to check in and register at contracted facilities.
- FHCP members must abide by all rules and policies of the contracted fitness centers.
- Please check with the specific fitness center for the ages accepted at the fitness facility.
- A list of contracted fitness centers can be found on our website at fhcp.com, or you can contact FHCP's Member Services Department at the contact information below.

Member Portal including Welcome to Wellness:

Members are offered online health information through the Member Portal that includes a large variety of general health and wellness topics. Included are:

- Online Personal Health assessment
- Interactive tools
- Preventive care information
- Quizzes
- Online access to programs and information
- A comprehensive library of health-related topics in English and Spanish

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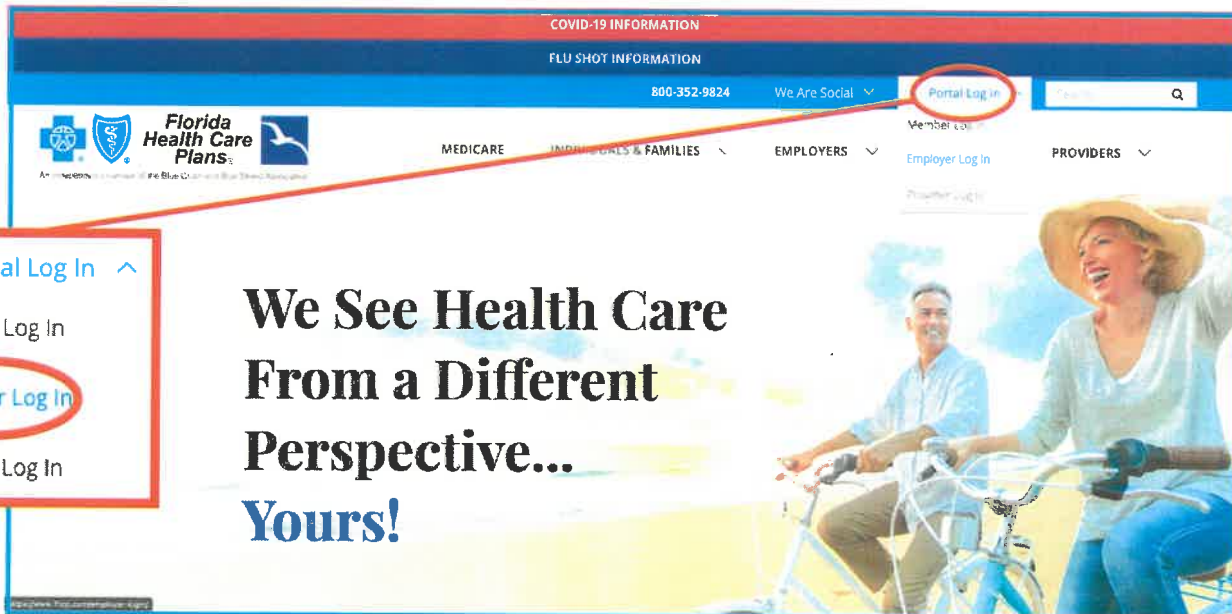


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OR YOU CAN LOOK FOR THIS BUTTON UNDER **EMPLOYERS**:

Portal Log In

2

Employer Group Log In

* Indicates Required field

Username* Password*

[FORGOT PASSWORD](#) | [FORGOT USERNAME](#)

[Trouble Logging In?](#) | [Help](#) | [Email Customer Service](#) | Call 1-877-814-9909

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YOU WILL NEED YOUR GROUP TAX ID NUMBER TO REGISTER FOR YOUR ACCOUNT. ONCE YOU FOLLOW THE STEPS, FHCP WILL CONFIRM YOUR REGISTRATION. YOU WILL NOW BE ACTIVATED AND ABLE TO USE YOUR ACCOUNT!

TIPS

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FEATURES AVAILABLE IN THE EMPLOYER PORTAL

- SELECT AN EMPLOYEE AND VIEW THEIR DEMOGRAPHICS
- VERIFY BENEFITS AND ELIGIBILITY COVERAGE AND DEDUCTIBLE AND OUT-OF-POCKET ACCUMULATORS FOR AN EMPLOYEE AND/OR DEPENDENTS
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THREE WAYS TO GET SUPPORT:

4



1- CLICK **SUPPORT** TO FIND IMPORTANT FHCP PHONE NUMBERS

2- **ACCESS** THE ENROLLMENT USER GUIDE FOR INSTRUCTIONS ON EACH FUNCTION

3- **ACCESS** VIDEO TUTORIALS FOR INSTRUCTIONS ON EACH FUNCTION

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CONTRACT INFORMATION PAGE

Employer Name: City of DeLand Group Number(s): 732
Group Plan(s): HMO'S & POS PLAN YEAR

Group Effective Date: 10/01/2012 PLAN YEAR
Contract Anniversary Date: 10/01/2024 - 09/30/2025
Eligibility Exceptions: N/A
of Eligible Employees:

Applicable Options:
☐ Vision Rider
☐ Dental Rider
☒ Pharmacy Rider \$3/10/30/55
☒ COBRA Coverage
☒ WFW effective 10/1/2012 Co-pay \$10.00
☐ Wellness Services Rider effective
☒ Preferred Fitness Gym Rider 10/1/2012
☐ Religious/Moral Contraception
 Objection

Employer Contribution Method: Percentage (% or flat) Employee 100/76% Dependent 49%

Waiting Period: First of the month following 30 days of eligible employment. **Terminate:** Last day of billing cycle.

Rate Schedule

Group Plan	HMO TD7	HMO TD8	POS T08	
Rx & Rx Code	\$3/10/30/55 RX (G5)	\$3/10/30/55 RX (G5)	\$3/10/30/55 RX (G7)	
Single	\$849.02	\$657.94	\$985.93	
SP w/ any # Children	\$1,315.99	\$1,019.81	\$1,528.18	
Couple	\$1,315.99	\$1,019.81	\$1,528.18	
Family	\$1,655.61	\$1,282.99	\$1,922.54	

Florida Health Care Plan, Inc. (hereinafter called FHCP) agrees to provide the health care services described under the provisions of this Group Insurance Contract (herein called the Contract) and the FHCP Group Member Handbook (which by reference thereto is made a part thereof) for all Covered Employees o Employer and their covered dependents. The provision of services is subject to all of the terms on this page, those that follow, and the FHCP Group Member Handbook, including any limitations, restrictions or exclusions, as well as any amendments made a part of this Contract.

The Employer may act on behalf of all eligible employees and dependents. Every act by, agreement made with, or notice given to the Employer will be binding on all Covered Employees and Covered Dependents.

The contract is issued in consideration of the application of the Employer and payment of subscription fees in advance by the Employer. This Contract is effective on the Contract Anniversary Date shown above. The first subscription fees cover the period starting on the Contract Anniversary Date.

Signed for Florida Health Care Plan, Inc., Florida to take effect on the Contract Anniversary Date for delivery in the State of Florida.

BY:


Marie Atanasoski
CFO
Florida Health Care Plan, Inc.

Jenevieve Ferreira

Witness

Date: 05/13/2024

BY:

Name : Christopher M. Cloudman
Title: Mayor
Group Name: City of DeLand

Witness

Date:



**Florida
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POINT OF SERVICE RIDER

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Florida Health Care Plans Group HMO Contract is hereby amended and supplemented by the terms and conditions of this Rider.

Nothing contained in this Rider will be held to vary, alter, waive, or extend any of the terms, conditions, provisions, exclusions or limitations of the Contract to which this Rider is attached, other than as specifically stated herein.

Additionally, this Rider in no way extends benefits beyond what has been stated in the HMO Contract (Certificate of Coverage, Schedule of Benefits and Coverage and Summary of Benefits and Coverage) in terms of specific service limits or benefit maximums. This Rider does not create any duplication of coverage or coordination of benefits contained in the FHCP Plan or any other Riders you may elect.

Please read this Rider carefully and keep it with your FHCP Plan Contract.

HOW THE POINT OF SERVICE RIDER WORKS...

PLAN DESIGN

This rider is designed to complement FHCP's existing HMO benefit plans. FHCP members are still members of our HMO, and are encouraged to utilize their HMO network for lowest out of pocket costs, however they have the added benefit of choosing to have their medical care rendered, at the point of service, by an HMO provider or a non-participating provider. With this rider, the plan is open access in that the member may self-refer to any provider.

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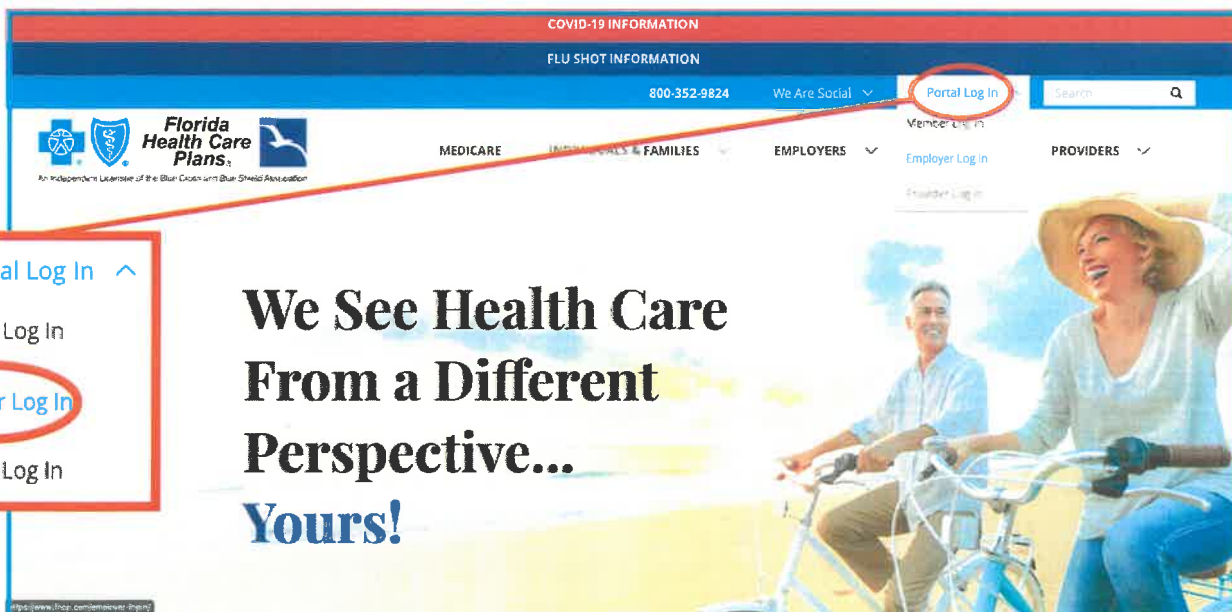


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Portal Log In

2

Employer Group Log In

* Indicates Required Field

Username* Password*

[FORGOT PASSWORD](#) | [FORGOT USERNAME](#)

[Trouble Logging In?](#) | [Help](#) | [Email Customer Service](#) | Call 1-877-814-9909

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- SELECT AN EMPLOYEE AND VIEW THEIR DEMOGRAPHICS
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THREE WAYS TO GET SUPPORT:

4



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MY EMPLOYEES

MY HUMAN RESOURCES

MY HEALTH PLANS

ADMINISTRATION



1- CLICK **SUPPORT** TO FIND IMPORTANT FHCP PHONE NUMBERS

2- **ACCESS** THE ENROLLMENT USER GUIDE FOR INSTRUCTIONS ON EACH FUNCTION

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CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Consideration re Midyear Waiver Request for OneBlood Highschool Volusia/Flagler Volunteer Workshop.

DEPARTMENT: Admin Services

PREPARED BY: Michael Grebosz, Asst. City Manager

ATTACHMENTS: Midyear Waiver One Blood

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The staff from OneBlood Big Red Bus hosts an annual workshop for Volusia/Flagler county high school students whom organize their school's blood drives. This workshop celebrates the students' successes, provides learning opportunities and allows them to network amongst other peers. This year, the workshop will be held at the Wayne G. Sanborn Activity Center on Tues., September 17th, 2024.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

Preserving Sense of Community.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

Up to \$500 from the midyear waiver fund. Funds are available to cover the cost of this request.

RECOMMENDATION:

It is recommended that the City Commission approve the midyear waiver request in the amount of up to \$500 for the OneBlood Volusia/Flagler High School Volunteer Workshop event. This amount would cover the cost of the rental of Ballroom A.

BACKGROUND/DISCUSSION:

In 2015 the City Commission approved a policy for one-time sponsorships and midyear event waivers to allow the city to provide financial support for events and organizations that provide and promote positive interactions within the city.



City of DeLand Midyear Waiver Request Application

Revised December 2015

Please print or type application. All sections must be completed for the application to be accepted. Any questions should be directed to the Administrative Services Department at the City of DeLand, at (386) 626-7000. Please return in person, fax: 386-626-7140 or email: greboszm@deland.org.

Date of Submission of Application:

Friday, July 19th 2024

Applicant:

OneBlood (BigRed Bus)

Indiv. ☐

Corp. ☐

501c3 ☒

Contact:

Michelle Pagan

Address:

1730 S. Woodland Blvd.

City/State/Zip:

DeLand FL 32720

Contact:

Bus/Home Phone

Cell Phone

386-868-7601

Email

michelle.pagan@oneblood.org

Fax Number

Name of Event to be Sponsored:

High School Volunteer Workshop

Date(s) Requested:

Tuesday, September 17th 2024

Location of Event:

Sanborn Center

Description of Event:

a workshop for our Volusia/Flagler county High School Students who run their blood drives. We celebrate their success, learn best practices and network between schools.

What service(s) is/are requested:

Ballroom/event room A (-8am - 4:30pm) - \$500

-- Please note a max of \$750 can be requested--

Has the City Commission declared or established a sponsorship role by the City:

YES ☐

NO ☒

Has this event been waived or sponsored by the City in the past:

YES ☐

NO ☒

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Second Reading of Ordinance No. 2024-35, Increasing the Salaries for City Commissioners and the Mayor-Commissioner (1st Rdg. 07/15/2024).

DEPARTMENT: Legal

PREPARED BY: Darren Elkind, City Attorney

ATTACHMENTS: ORD-2024-35, Business Impact Estimate

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The proposed ordinance provides for an increase in compensation of the Mayor and City Commissioners. Staff conducted a survey of the salaries paid to city elected officials in Volusia County and determined that DeLand's salaries for the Mayor and Commissioner were low. The last time they were adjusted was in 2016. This ordinance adjusts the annual compensation for Commissioners to \$15,002 and for the Mayor to \$20,020. If approved, the new salaries would go into effect after the general election in November.

On July 15, 2024, the City Commission approved the Ordinance Increasing the Salaries for City Commissioners and the Mayor-Commissioner on First Reading.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High value government.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

The increase in salaries would cost \$18,651 annually.

RECOMMENDATION:

It is recommended that the City Commission approve the attached Ordinance on second reading.

BACKGROUND/DISCUSSION:

The current salary for the mayor is \$16,302.00 and for the commissioners is \$11,601.20 which is well below the average salary for mayors and commissioners of various municipalities in Volusia County. In light of the extensive time and expense it takes to fulfill the official duties of each respective office it is recommended that the City Commission approve a salary increase for the Mayor and Commissioners to \$20,020 annually and \$15,002, respectively.

ORDINANCE NO. 2024-35

**AN ORDINANCE OF THE CITY COMMISSION OF DELAND, FLORIDA
INCREASING THE SALARIES FOR CITY COMMISSIONERS AND THE
MAYOR-COMMISSIONER IN ORDER TO BE COMMENSURATE WITH
CURRENT COMPENSATION RATES, PURSUANT TO THE CHARTER
OF THE CITY OF DELAND, ARTICLE II, SECTION 11 “SALARY”;
PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE.**

WHEREAS, Pursuant to Article II, Section 11 of the Charter of the City of DeLand, the City Commission shall determine the salaries for the City Commission and Mayor-Commissioner, with an effective date after the next general election; and

WHEREAS, staff has surveyed the salaries paid to other elected officials in Volusia County and have concluded that on an average daily basis, as well as a salary per capita basis, the salaries paid to elected officials of the City of DeLand are very low; and

WHEREAS, the City of DeLand finds that the time demands placed on elected officials to fulfill their official duties is extensive; and

WHEREAS, a salary established at a level that does not compensate for the time and expense involved in fulfilling those official responsibilities creates a disincentive for citizens to serve as elected officials.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The City Commission hereby finds that pursuant to Article II, Section 11, of the Charter of the City of DeLand, the salary for individual members of the City Commission and Mayor-Commissioner shall be as follows:

Individual City Commission members	\$15,002 annually
Mayor-Commissioner	\$20,020 annually

Section 2. If any section, sentence, clause or phrase of this Ordinance is held to be invalid or unconstitutional by any court of competent jurisdiction, that holding shall in no way affect the validity of the remaining portions of this Ordinance.

Section 3. This Ordinance shall take effect to change the salaries of the Mayor-Commissioner and City Commissioners on November 30, 2024, such that the salaries will be adjusted starting on that date.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy, MMC
City Clerk-Auditor

Passed on first reading: July 15, 2024
Adopted on second reading: August 05, 2025

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

Business Impact Estimate

Proposed ordinance's title/reference:

ORDINANCE NO. 2024-

AN ORDINANCE OF THE CITY COMMISSION OF DELAND, FLORIDA, AMENDING CHAPTER 2A "AIRPORTS" OF THE CODE OF ORDINANCES OF THE CITY OF DELAND BY ADOPTING A NEW SECTION 2A-4, TO ESTABLISH THE IMPLEMENTATION OF FEES FOR USE OF THE PUBLIC AIRPORT; AND BY PROVIDING FOR CODIFICATION, SEVERABILITY AND AN EFFECTIVE DATE.

This Business Impact Estimate is provided in accordance with section 166.041(4), Florida Statutes. If one or more boxes are checked below, this means the City is of the view that a business impact estimate is not required by state law¹ for the proposed ordinance, but the City is, nevertheless, providing this Business Impact Estimate as a courtesy and to avoid any procedural issues that could impact the enactment of the proposed ordinance. This Business Impact Estimate may be revised following its initial posting.

- ☐ The proposed ordinance is required for compliance with Federal or State law or regulation;
- ☐ The proposed ordinance relates to the issuance or refinancing of debt;
- ☐ The proposed ordinance relates to the adoption of budgets or budget amendments, including revenue sources necessary to fund the budget;
- ☐ The proposed ordinance is required to implement a contract or an agreement, including, but not limited to, any Federal, State, local, or private grant or other financial assistance accepted by the municipal government;
- ☐ The proposed ordinance is an emergency ordinance;
- ☐ The ordinance relates to procurement; or
- ☐ The proposed ordinance is enacted to implement the following:
 - a. Part II of Chapter 163, Florida Statutes, relating to growth policy, county and municipal planning, and land development regulation, including zoning, development orders, development agreements and development permits;
 - b. Sections 190.005 and 190.046, Florida Statutes, regarding community development districts;
 - c. Section 553.73, Florida Statutes, relating to the Florida Building Code; or
 - d. Section 633.202, Florida Statutes, relating to the Florida Fire Prevention Code.

In accordance with the provisions of controlling law, even notwithstanding the fact that an exemption noted above may apply, the City hereby publishes the following information:

¹ See Section 166.041(4)(c), Florida Statutes.

1. Summary of the proposed ordinance (must include a statement of the public purpose, such as serving the public health, safety, morals and welfare):

The proposed ordinance authorizes the City to assess fees for aircraft using the City's airport.

2. An estimate of the direct economic impact of the proposed ordinance on private, for-profit businesses in the City, if any:

(a) An estimate of direct compliance costs that businesses may reasonably incur:

There is no cost to existing businesses, unless they land aircraft at the DeLand Municipal Airport. The city does not consider this to be a compliance cost.

(b) Any new charge or fee imposed by the proposed ordinance or for which businesses will be financially responsible:

None, unless a business lands an aircraft at the DeLand Municipal Airport.

(c) An estimate of the City's regulatory costs, including estimated revenues from any new charges or fees to cover such costs.

The City does not anticipate any regulatory costs associated with this ordinance.

3. Good faith estimate of the number of businesses likely to be impacted by the proposed ordinance:

The estimated number of businesses that may be impacted by the proposed ordinance is unknown, but minimal if at all.

4. Additional information the governing body deems useful (if any):

N/A

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving Towns at Summit Preliminary Plat, Located at I-4 and North Summit Avenue (County Road 4139).

DEPARTMENT: Planning

PREPARED BY: Emily Kunkel, Planner II

ATTACHMENTS: Resolution, Preliminary Plat, Engineering Plans, Landscape Plans, Elevations, Elevation colors and map, Staff Report PSB23-029_Towns at Summit_Preliminary Plat, PSB23-029 Aerial Map , PSB23-029 Zoning Map

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

The applicant is requesting approval of a Preliminary Plat for a 300-lot townhome subdivision, open space areas, stormwater tracts, and tree preservation areas. The undeveloped, wooded 59.90-acre site is located southwest of Daytona State College, at the northwest corner of I-4 and N. Summit Avenue (County Road 4139) and includes Tatum Lake. The property is zoned First Amended and Restated Summit Place Planned Development (PD amendment approved by the City Commission on May 20, 2024).

Volusia County School Board approved the school concurrency determination on April 13, 2023. Volusia County is still reviewing the TIA as of July 31, 2024. St. John's River Water Management District (SJRWMD) permit has been obtained and Florida Department of Environmental Protection (FDEP) applications are under review.

At the April 18, 2024, Technical Review Committee meeting, members recommended the Preliminary Plat be forwarded on to the Planning Board, subject to addressing staff comments.

On June 12, 2024, the Planning Board recommended continuance of the preliminary plat, due to the outstanding staff comments. A special meeting of the Planning Board was held on June 27, 2024, and the Planning Board recommended approval of the preliminary plat.

Since March 9, 2023, staff has requested the applicant to revise the elevations and has provided examples of additional architectural details to reduce the monotonous appearance and the canyon-like feel on this linear site. The applicant has modified their plans since the initial submittal (2/17/2023) to include concrete paver driveways, slightly varied front setbacks, additional color pallets, varied number of units in each building, minor revisions to the front facades, and reoriented some of the buildings to help mitigate the monotonous appearance. While these revised elevations represent an improvement from the initial submittal, which included only one (1) 8-unit model, staff still contends that, due to the linear nature of the site and the large number of individual buildings, the similar architecture of 54 buildings does not fully mitigate the monotonous appearance and additional revisions are needed to further improve the overall site design. In addition to the architectural details, staff has also suggested that street trees be planted along all streets that can be applied toward tree replacement mitigation and which will become the maintenance responsibility of the HOA.

The applicant is proposing three different building models (Farmhouse Inspired, Cape Cod Inspired, & French Provincial Inspired) and has provided a colored key map outlining the details. The site will consist of 54 buildings made up of Farmhouse Inspired: 11 total buildings (8-units), Cape Cod Inspired: 20 total buildings

(6-units), & French Provincial Inspired: 22 total buildings (4-unit and 5-units) and a clubhouse. The applicant contends that they have met the land development regulations with the latest elevation set dated June 18, 2024.

The City's contracted architect has reviewed the plans for consistency with the community design standards and per the approved Planned Development (PD), all architecture must be consistent with community design standards. Although the architecture meets the technical requirements of the Community Design Standards, the standards were written to address projects with only a few individual buildings and were not intended to accommodate a large townhome project with over 50 buildings. As currently designed, staff finds the applicant has not adequately addressed the monotony of identical structures on a site (LDR Sec. 33-94.04(a)(5)).

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

One of the principles of the Strategic Plan is to institute Smart Growth Principles. Developing a “missing middle” housing strategy is a key component of Smart Growth because it allows for a range of housing types that can fit into communities. This proposed 300-unit townhome community will allow for additional “missing middle” housing options within the City, with proximity to the State College, interstate, and future City park.

SUSTAINABILITY:

This project is implementing low impact design standards, DarkSky lighting, and conservation of Lake Tatum to allow for a more sustainable community.

FISCAL IMPACT:

The recording of this plat will allow for the individual lots to be added to the City's ad-valorem tax roll.

RECOMMENDATION:

It is recommended that the City Commission consider staff's recommendation for the additional architectural modifications and street trees and approve the Preliminary Plat for the Towns at Summit subdivision.

BACKGROUND/DISCUSSION:

The City Commission approved the request for rezoning of the subject property from Summit Place Planned Development to First Amended and Restated Summit Place Planned Development on May 20, 2024.

RESOLUTION NO. 2024 -

A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA, APPROVING THE PRELIMINARY SUBDIVISION PLAT FOR TOWNS AT SUMMIT LOCATED SOUTHWEST OF DAYTONA STATE COLLEGE, ON THE NORTHWEST CORNER OF INTERSTATE 4 AND NORTH SUMMIT AVENUE; PROVIDING FOR SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the applicant, Mark Watts, Esq., of Cobb Cole have submitted a proper and complete application under Chapter 33, Article 13 of the City of DeLand Code of Ordinances (hereinafter the “Code”) for approval of a preliminary subdivision plat for Towns at Summit located southwest of Daytona State College, on the northwest corner of Interstate 4 and North Summit Avenue; and

WHEREAS, the applicant intends to develop a 300-lot townhome subdivision; and

WHEREAS, on June 27, 2024, the Planning Board recommended approval of the preliminary subdivision plat for Towns at Summit.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The City Commission hereby approves the preliminary subdivision plat for Towns at Summit, located southwest of Daytona State College, on the northwest corner of Interstate 4 and North Summit Avenue.

Section 2. If any section, sentence, clause or phrase of this Resolution is held to be invalid or unconstitutional by any court of competent jurisdiction, that holding shall in no way affect the remaining portions of this Resolution.

Section 3. This Resolution shall become effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor-Commissioner

ATTEST:

Julie A. Hennessy
City Clerk – Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

SUMMIT PLACE

A PARCEL OF LAND LYING WITHIN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

SHEET 1 OF 12

LEGAL DESCRIPTION

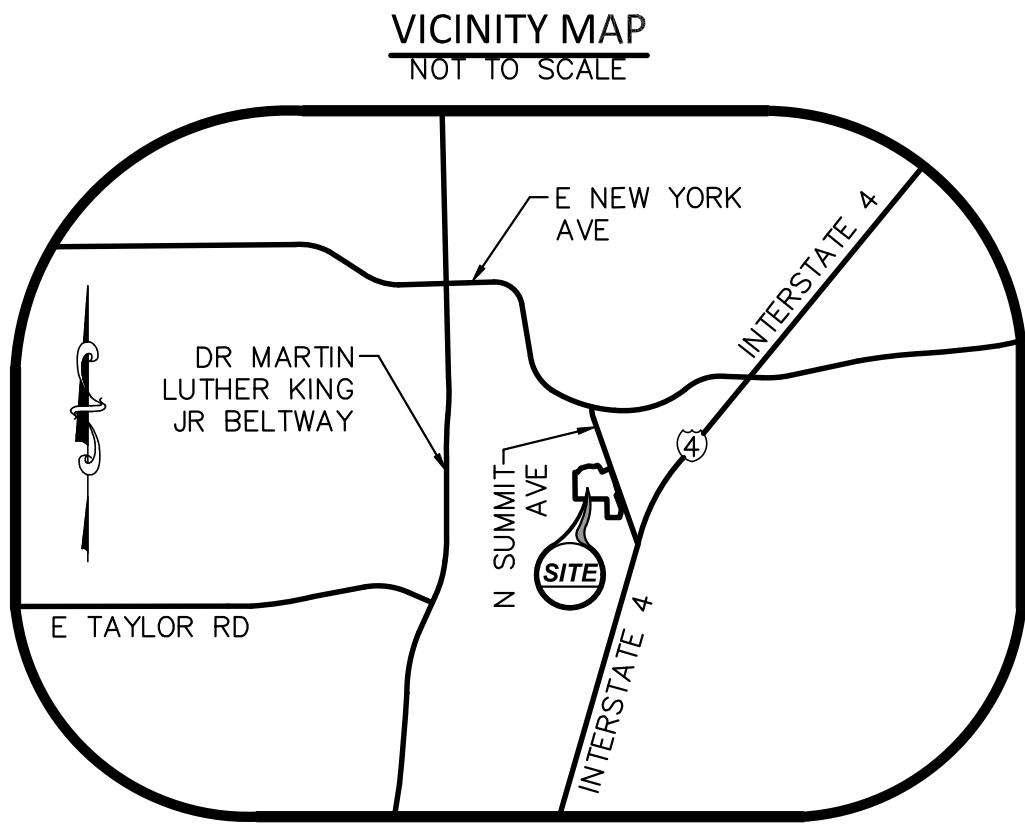
A PARCEL OF LAND LYING WITHIN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, CITY OF DELAND, VOLUSIA COUNTY, FLORIDA AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGINNING AT THE SOUTHEAST CORNER OF LAKEWOOD PARK VILLAGE PHASE 2, AS RECORDED IN PLAT BOOK 64, PAGES 22 THROUGH 27; THENCE ALONG THE WEST RIGHT-OF-WAY LINE OF C.R. 439 RUN THE FOLLOWING SEVEN (7) COURSES AND DISTANCES: (1) RUN SOUTH 20°11'51" EAST A DISTANCE OF 732.35 FEET; (2) THENCE RUN SOUTH 70°09'26" WEST A DISTANCE OF 14.99 FEET; (3) THENCE RUN SOUTH 17°49'12" EAST A DISTANCE OF 420.88 FEET; (4) THENCE RUN SOUTH 69°48'09" WEST A DISTANCE OF 106.54 FEET; (5) THENCE RUN SOUTH 20°11'50" EAST A DISTANCE OF 496.17 FEET TO A POINT OF CURVATURE WITH A CURVE TO THE RIGHT, CONCAVE SOUTHWESTERLY, HAVING A RADIUS OF 522.96 FEET, A CENTRAL ANGLE OF 35°24'07", A CHORD DISTANCE OF 318.01 FEET WHICH BEARS SOUTH 02°27'54" EAST; (6) THENCE ALONG THE ARC OF SAID CURVE RUN FOR A LENGTH OF 323.13 FEET TO A POINT OF TANGENCY WITH A LINE; (7) THENCE ALONG SAID TANGENT LINE RUN SOUTH 15°21'02" WEST A DISTANCE OF 177.31 FEET; THENCE RUN SOUTH 89°45'13" WEST A DISTANCE OF 520.33 FEET TO A POINT ON THE EAST LINE OF THE NORTHWEST QUARTER OF THE SOUTHEAST QUARTER OF SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE ALONG SAID EAST LINE RUN NORTH 00°58'20" WEST A DISTANCE OF 791.66 FEET; THENCE RUN SOUTH 89°51'41" WEST A DISTANCE OF 1342.83 FEET TO A POINT ON THE WEST LINE OF THE NORTHEAST QUARTER OF SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE ALONG SAID WEST LINE RUN NORTH 00°35'13" WEST A DISTANCE OF 1119.72 FEET TO A POINT ON THE SOUTH LINE OF THE PLAT OF LAKEWOOD PARK VILLAGE PHASE 2, AS RECORDED IN PLAT BOOK 64, PAGES 22 THROUGH 27; THENCE ALONG SAID SOUTH LINE OF SAID PLAT LAKEWOOD PARK VILLAGE PHASE 2 RUN THE FOLLOWING EIGHT (8) COURSES AND DISTANCES: (1) RUN NORTH 89°34'48" EAST A DISTANCE OF 115.05 FEET; (2) THENCE RUN NORTH 39°17'47" EAST A DISTANCE OF 235.21 FEET; (3) THENCE RUN NORTH 73°15'46" EAST A DISTANCE OF 328.99 FEET; (4) THENCE RUN SOUTH 83°18'20" EAST A DISTANCE OF 228.92 FEET; (5) THENCE RUN NORTH 73°43'09" EAST A DISTANCE OF 159.10 FEET; (6) THENCE RUN SOUTH 47°32'08" EAST A DISTANCE OF 117.55 FEET; (7) THENCE RUN SOUTH 26°56'41" EAST A DISTANCE OF 216.76 FEET; (8) THENCE RUN NORTH 65°18'26" EAST A DISTANCE OF 372.43 FEET RETURNING TO THE POINT OF BEGINNING.

CONTAINING 2,609,383 SQUARE FEET OR 59.903 ACRES, MORE OR LESS.

SURVEYOR'S NOTES

- BEARINGS SHOWN HEREON ARE BASED ON THE EAST LINE OF LAKEWOOD PARK VILLAGE PHASE 2, BEING SOUTH 19°47'16" EAST AS RECORDED IN PLAT BOOK 64, PAGES 22 THROUGH 27 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.
- ALL LOT LINES INTERSECTING CURVILINEAR LOT LINES ARE RADIAL UNLESS OTHERWISE NOTED AS NON-RADIAL (NR).
- ALL PLATTED UTILITY EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES PROVIDED, HOWEVER, NO SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES SHALL INTERFERE WITH THE FACILITIES AND SERVICES OF AN ELECTRIC, TELEPHONE, GAS OR OTHER PUBLIC UTILITY. IN THE EVENT A CABLE TELEVISION COMPANY DAMAGES THE FACILITIES OF A PUBLIC UTILITY, IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES. THIS SECTION SHALL NOT APPLY TO THOSE PRIVATE EASEMENTS GRANTED TO OR OBTAINED BY A PARTICULAR ELECTRIC, TELEPHONE, GAS OR OTHER PUBLIC UTILITY. SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION SHALL COMPLY WITH THE NATIONAL ELECTRICAL SAFETY CODE AS ADOPTED BY THE FLORIDA PUBLIC SERVICE COMMISSION. (SECTION 177.091 (28), FLORIDA STATUTES).
- THERE IS A 10.00 FOOT WIDE UTILITY EASEMENT ALONG ALL FRONT LOT AND TRACT LINES ADJACENT TO ALL RIGHT OF WAY LINES.
- TRACT AM-1 IS AN AMENITY TRACT AND SHALL BE OWNED AND MAINTAINED BY THE SUMMIT PLACE HOMEOWNERS ASSOCIATION, INC., A FLORIDA NON PROFIT CORPORATION (HEREAFTER REFERRED TO AS THE "ASSOCIATION")
- TRACT OS-1 THROUGH OS-5 ARE OPEN SPACE TRACTS AND SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
- TRACTS SMA-1 AND SMA-2 ARE RETENTION AND OPEN SPACE TRACTS AND SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
- TRACT UB-1 IS AN UPLAND BUFFER TRACT AND SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION. NO CLEARING, GRADING, CONSTRUCTION, OR OTHER ACTIVITIES WHICH DISTURB THE NATURAL STATE OF THE LANDS WITHIN TRACT UB-1 SHALL OCCUR WITHOUT PRIOR WRITTEN CONSENT FROM THE SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT AND/OR ANY OTHER APPLICABLE JURISDICTIONAL AGENCY.
- TRACT W-1 IS A WETLAND TRACT, AND SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION. NO CLEARING, GRADING, CONSTRUCTION, OR OTHER ACTIVITIES WHICH DISTURB THE NATURAL STATE OF THE LANDS WITHIN TRACT UB-1 SHALL OCCUR WITHOUT PRIOR WRITTEN CONSENT FROM THE SAINT JOHNS RIVER WATER MANAGEMENT DISTRICT AND/OR ANY OTHER APPLICABLE JURISDICTIONAL AGENCY.
- TRACTS M-1 AND M-1 ARE MEDIAN AND LANDSCAPE TRACTS, AND SHALL BE OWNED AND MAINTAINED BY THE ASSOCIATION.
- THE RIGHT-OF-WAY UTILIZATION EASEMENTS (RUE) SHOWN HEREON SHALL BE MAINTAINED BY THE ASSOCIATION.
- THE TREE PRESERVATION EASEMENTS SHOWN HEREON ARE IN FAVOR OF THE CITY OF DELAND AND SAID EASEMENTS SHALL BE FOR THE PURPOSE OF INGRESS/EGRESS AND INSPECTION OF THESE EASEMENT AREAS.
- STREET TREES MAY BE PLANTED WITHIN THE RIGHTS OF WAY WITHIN THE PROPERTY AND SAID TREES MAY BE INCLUDED IN MITIGATION CALCULATIONS. HOWEVER, IF ANY SUCH TREES ARE PLANTED, THE ASSOCIATION SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID TREES. MOREOVER, THE ASSOCIATION SHALL ALSO BE RESPONSIBLE TO REPAIR ANY AND ALL IMPACTS UPON THE RIGHT OF WAY INFRASTRUCTURE CREATED BY THE PRESENCE OF SAID TREES, INCLUDING ANY ROAD OR SIDEWALK FACILITY.



LEGEND

- = SET 4"x4" CM (CONCRETE MONUMENT) INSCRIBED 'PRM LB 6393' IN ACCORDANCE WITH F.S. 177.091(7) (UNLESS OTHERWISE NOTED)
- = SET NAIL AND DISK ('PCP LB 6393') IN ACCORDANCE WITH F.S. 177.091 (8) (UNLESS OTHERWISE NOTED)
- = CENTERLINE
- R = RADIUS
- Δ = CENTRAL ANGLE (DELTA)
- CB = CHORD DISTANCE
- L = CHORD BEARING
- CCR# = ARC LENGTH
- CCR# = CERTIFIED CORNER RECORD
- CM = CONCRETE MONUMENT
- DOC# = OFFICIAL RECORDS DOCUMENT NUMBER OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA
- DE = DRAINAGE EASEMENT
- F.S. = FLORIDA STATUTES
- ID = IDENTIFICATION
- IR = IRON ROD
- LB = LICENSED BUSINESS
- (OA) = OVERALL
- ORB = OFFICIAL RECORDS BOOK
- PAE = PUBLIC ACCESS EASEMENT
- PC = POINT OF CURVATURE
- PC = PAGE(S)
- PNT = POINT OF NON-TANGENCY
- PRM = PERMANENT REFERENCE MONUMENT
- PSM = PROFESSIONAL SURVEYOR AND MAPPER
- PT = POINT OF TANGENCY
- RUE = RIGHT-OF-WAY UTILIZATION EASEMENT
- UE = UTILITY EASEMENT
- ▨ = TREE PRESERVATION EASEMENT

NOTICE

THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

MAP
BOOK

PAGE

SUMMIT PLACE

DEDICATION

KNOW ALL MEN BY THESE PRESENTS, D.R. HORTON, INC., A DELAWARE CORPORATION, BEING THE OWNER IN FEE SIMPLE OF THE LANDS DESCRIBED HEREBY DEDICATED SAID LANDS AND PLAT FOR THE USES AND PURPOSES THEREIN EXPRESSED AND DEDICATES:

- TRACT LS-1 (LIFT STATION) AND TRACT RW-1 (RIGHT-OF-WAY) TO THE CITY OF DELAND AND THE PERPETUAL USE OF THE PUBLIC.
- TRACT RW-1 (RIGHT-OF-WAY DEDICATION) TO THE PERPETUAL USE OF THE PUBLIC.
- UTILITY EASEMENTS (UE) AND DRAINAGE EASEMENTS (DE) SHOWN HEREON TO THE PERPETUAL USE OF THE PUBLIC.
- THE PUBLIC ACCESS EASEMENT (PAE) SHOWN HEREON TO THE PERPETUAL USE OF THE PUBLIC.

IN WITNESS WHEREOF, THE UNDERSIGNED HAS CAUSED THESE PRESENTS TO BE SIGNED BY THE OFFICER NAMED BELOW AND ITS SEAL AFFIXED HERETO ON THIS ____ DAY OF _____, 2024.

D.R. HORTON, BEING A CENTRAL, FLORIDA COMPANY
BY:

SIGNATURE _____ DIVISION PRESIDENT
TITLE

PRINT NAME _____

SIGNED AND SEALED IN THE PRESENCE OF:

WITNESS _____ PRINT NAME _____

WITNESS _____ PRINT NAME _____

ACKNOWLEDGEMENT

STATE OF FLORIDA
COUNTY OF _____

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY MEANS OF [] PHYSICAL PRESENCE OR [] ONLINE NOTARIZATION. THIS DAY OF _____, 2024, BY _____, AS D.R. HORTON, INC., A DELAWARE CORPORATION, THEY ARE PERSONALLY KNOWN TO ME OR [] HAS PRODUCED _____ AS IDENTIFICATION.

WITNESS MY HAND AND OFFICIAL SEAL IN THE COUNTY AND STATE LAST AFORESAID THIS ____ DAY OF _____, 2024

NOTARY PUBLIC, STATE OF FLORIDA

PRINTED NAME _____

STATE OF FLORIDA

MY COMMISSION EXPIRES: _____

COMMISSION #: _____

CERTIFICATE OF APPROVAL BY CITY SURVEYOR

PURSUANT TO CHAPTER 177, FLORIDA STATUTES, I HEREBY CERTIFY THAT I HAVE REVIEWED THIS PLAT FOR CONFORMITY TO CHAPTER 177, FLORIDA STATUTES, AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE PLAT COMPLIES WITH THE TECHNICAL REQUIREMENTS OF THAT CHAPTER; PROVIDED, HOWEVER, THAT THIS CERTIFICATION DOES NOT CONFIRM PHYSICAL LOCATION, FIELD VERIFICATION OF MONUMENTS, MATHEMATICAL CORRECTNESS OF SURVEY DATA, PLAT DIMENSIONS, OR COORDINATE GEOMETRY.

REVIEWING SURVEYOR _____ DATE _____

PRINT NAME _____
PROFESSIONAL SURVEYOR & MAPPER NUMBER: _____

CERTIFICATE OF CLERK

I HEREBY CERTIFY THAT I HAVE EXAMINED THE FOREGOING PLAT AND FIND IT COMPLIES IN FORM WITH ALL THE REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES, AND WAS FILED FOR RECORD ON THIS ____ DAY OF _____, 2024 IN THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

CLERK OF THE CIRCUIT COURT _____ FILE NUMBER _____
IN AND FOR VOLUSIA COUNTY, FLORIDA

PRINT NAME _____

CERTIFICATION OF APPROVAL BY CITY COMMISSION OF THE CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

THIS IS TO CERTIFY THAT ON THE ____ DAY OF _____, 2024 THE CITY COMMISSION OF THE CITY OF DELAND APPROVED THE FOREGOING PLAT.

ATTEST:

CITY CLERK _____ MAYOR _____

PRINT NAME _____ PRINT NAME _____

CERTIFICATE OF APPROVAL BY CITY ENGINEER

I HEREBY CERTIFY THAT ALL STREETS, UTILITIES AND OTHER REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO CITY SPECIFICATION AND STANDARDS AND ALL APPLICABLE REGULATIONS IN THE SUMMIT PLACE SUBDIVISION OR THAT A GUARANTEE OF THE INSTALLATION OF THE REQUIRED IMPROVEMENTS IN A MANNER ACCORDING TO SECTION 33-147 HAS BEEN RECEIVED.

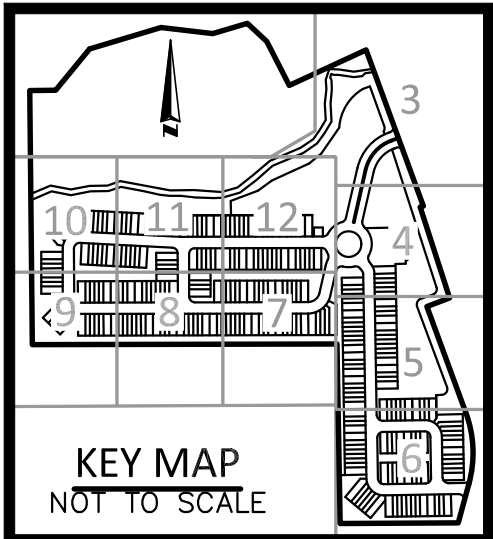
CITY ENGINEER _____

PRINT NAME _____

CERTIFICATE OF SURVEYOR

KNOW ALL MEN BY THESE PRESENTS, THAT I, THE UNDERSIGNED, BEING A PROFESSIONAL SURVEYOR AND MAPPER THAT HAS PREPARED THE FOREGOING PLAT, STATE THAT IT WAS MADE UNDER MY DIRECTION AND SUPERVISION AND THAT THE PLAT COMPLIES WITH ALL OF THE SURVEY REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES, AND THAT SAID LAND IS LOCATED IN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA.

SURVEYOR: E. GLENN TURNER, PSM _____ DATE _____
REGISTRATION NUMBER: LS#5643
PROFESSIONAL LAND SURVEYOR
REGISTRATION NUMBER OF LEGAL ENTITY: LB#6393
AMERICAN SURVEYING & MAPPING, INC.



KEY MAP
NOT TO SCALE

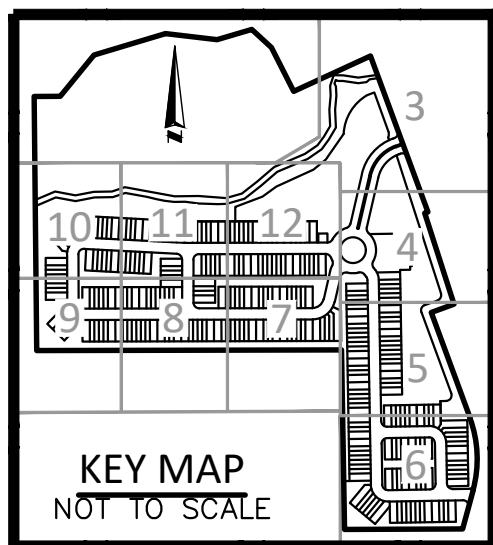
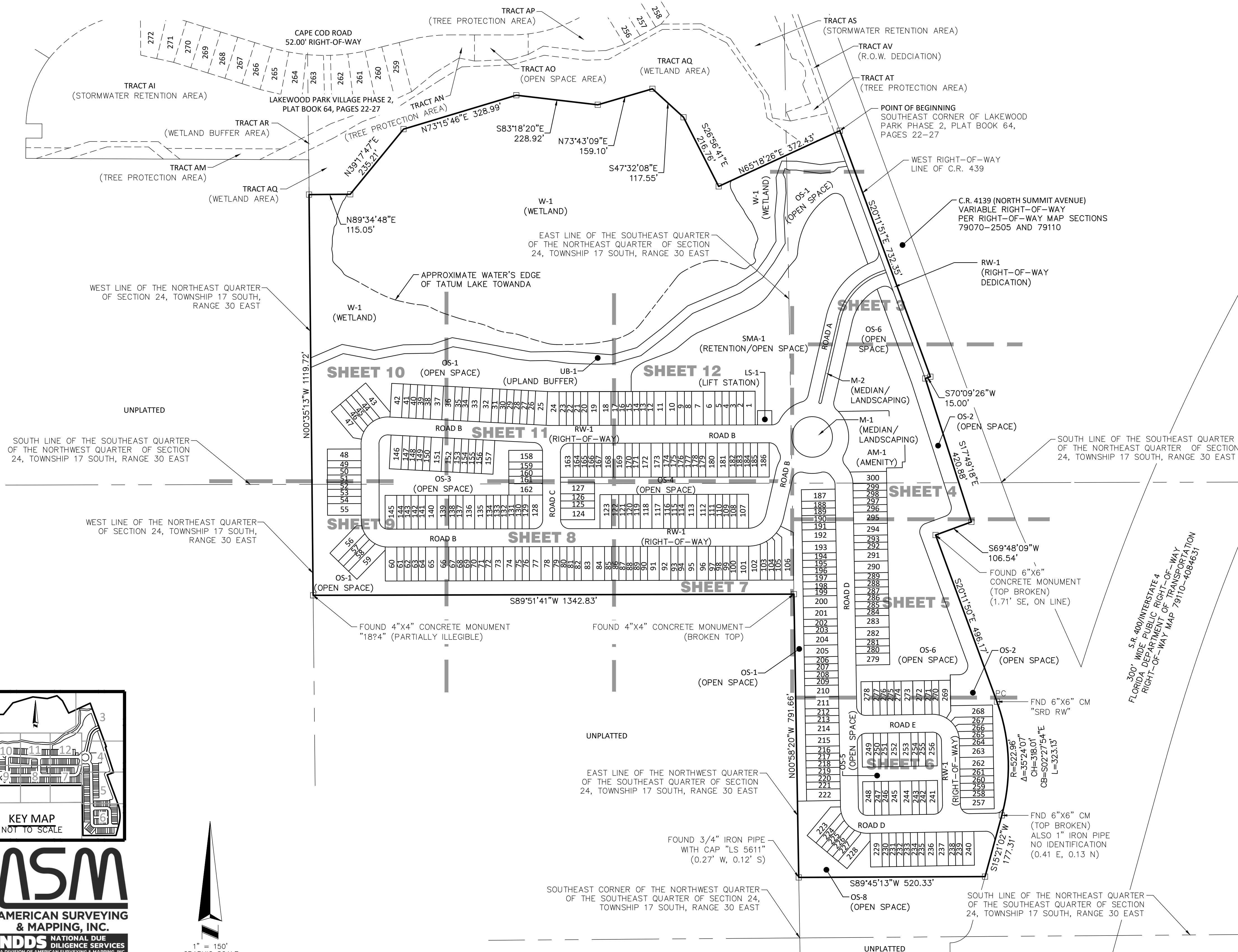
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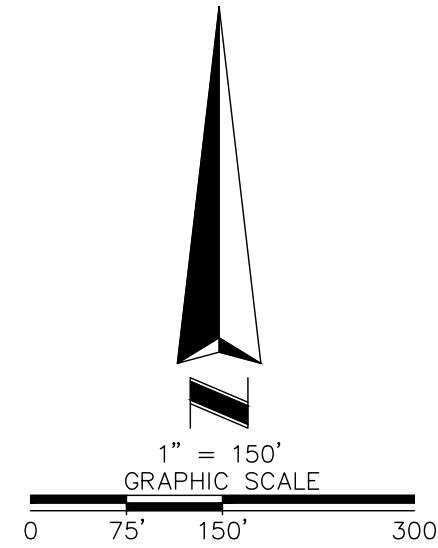
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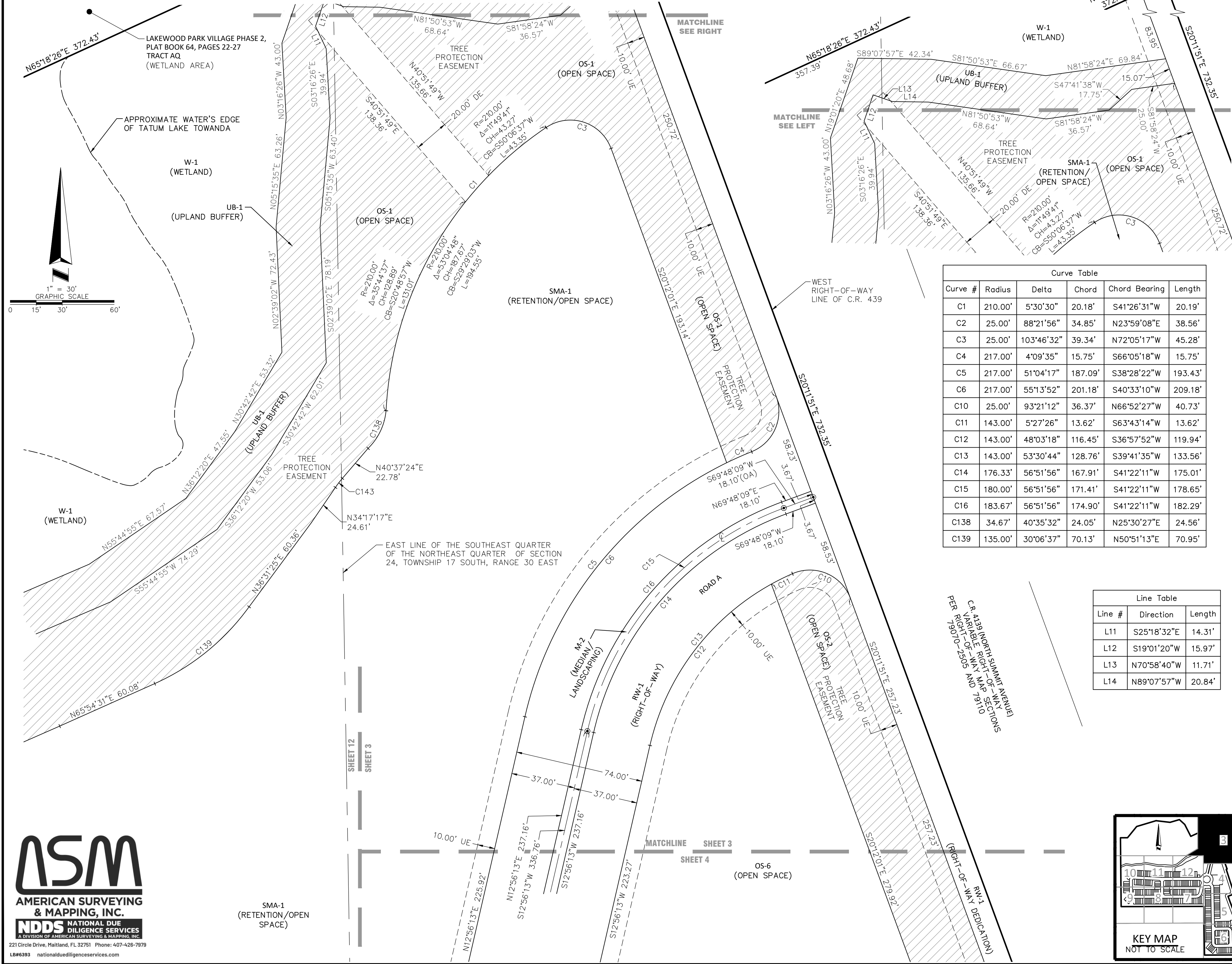
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SHEET 3 OF 12

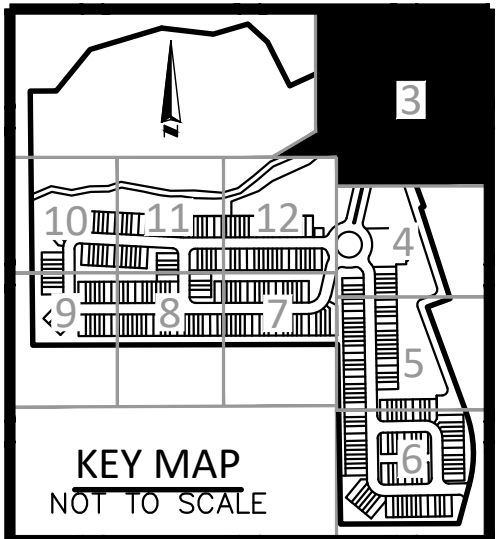
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C1	210.00'	5°30'30"	20.18'	S41°26'31\"W	20.19'
C2	25.00'	88°21'56"	34.85'	N23°59'08\"E	38.56'
C3	25.00'	103°46'32"	39.34'	N72°05'17\"W	45.28'
C4	217.00'	4°09'35"	15.75'	S66°05'18\"W	15.75'
C5	217.00'	51°04'17"	187.09'	S38°28'22\"W	193.43'
C6	217.00'	55°13'52"	201.18'	S40°33'10\"W	209.18'
C10	25.00'	93°21'12"	36.37'	N66°52'27\"W	40.73'
C11	143.00'	5°27'26"	13.62'	S63°43'14\"W	13.62'
C12	143.00'	48°03'18"	116.45'	S36°57'52\"W	119.94'
C13	143.00'	53°30'44"	128.76'	S39°41'35\"W	133.56'
C14	176.33'	56°51'56"	167.91'	S41°22'11\"W	175.01'
C15	180.00'	56°51'56"	171.41'	S41°22'11\"W	178.65'
C16	183.67'	56°51'56"	174.90'	S41°22'11\"W	182.29'
C138	34.67'	40°35'32"	24.05'	N25°30'27\"E	24.56'
C139	135.00'	30°06'37"	70.13'	N50°51'13\"E	70.95'

Line Table		
Line #	Direction	Length
L11	S25°18'32\"E	14.31'
L12	S19°01'20\"W	15.97'
L13	N70°58'40\"W	11.71'
L14	N89°07'57\"W	20.84'

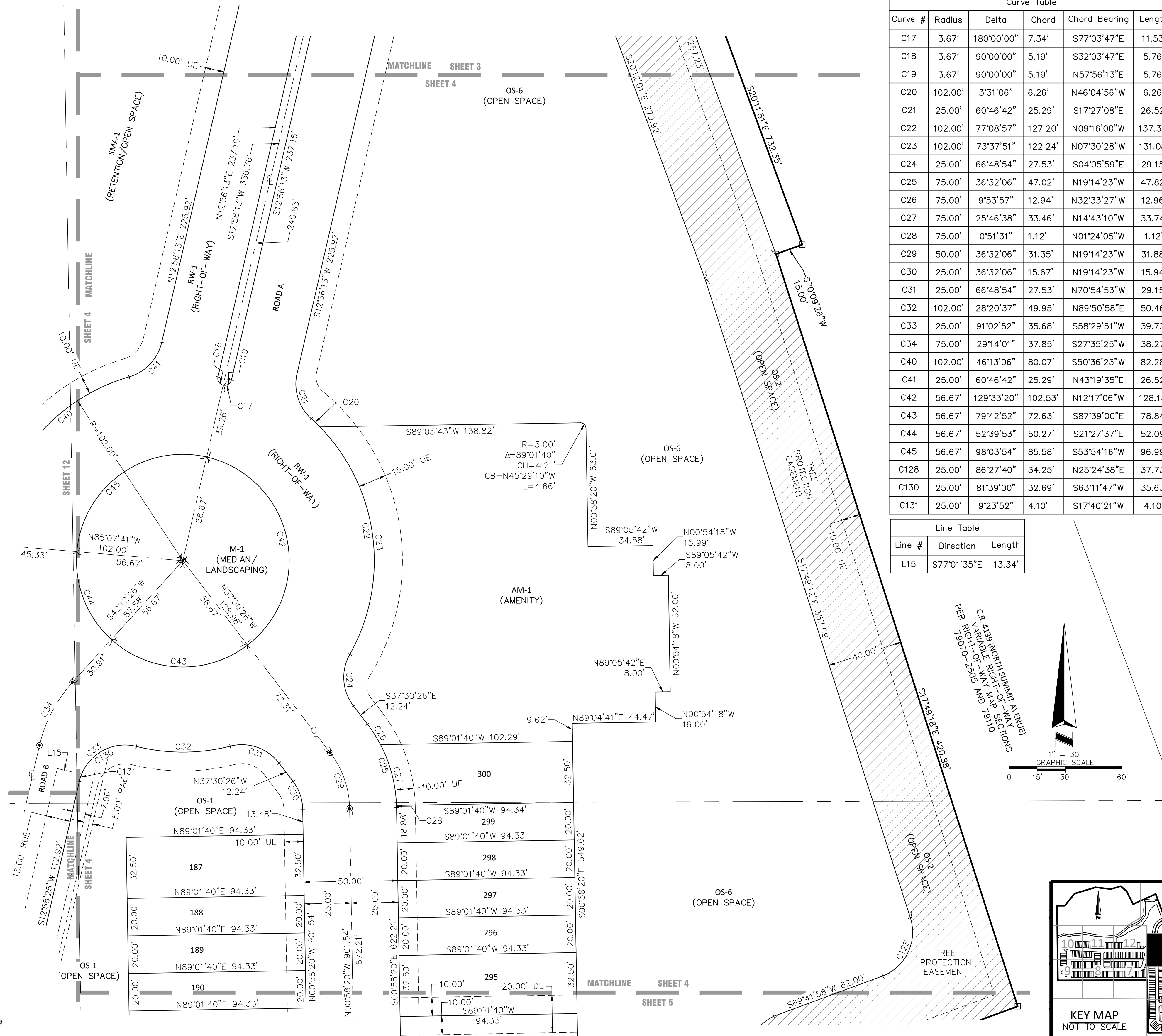


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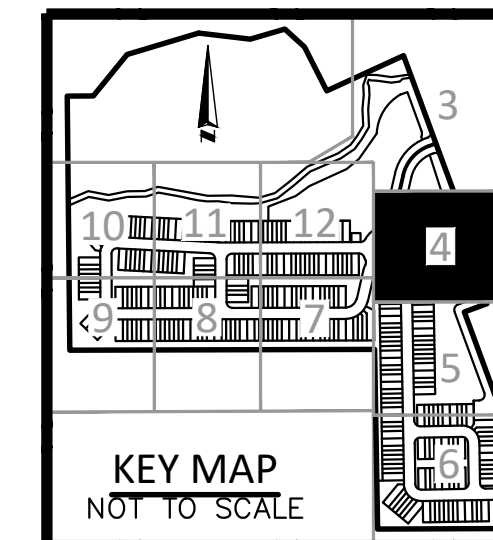
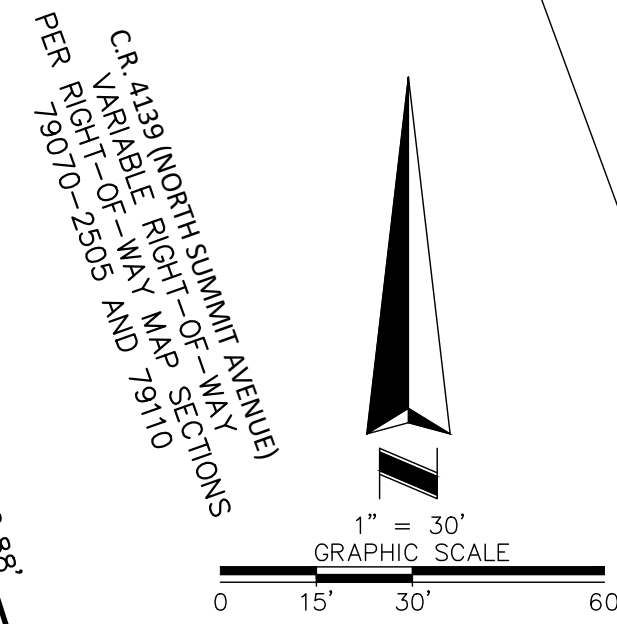
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C17	3.67'	180°00'00"	7.34'	S77°03'47"E	11.53'
C18	3.67'	90°00'00"	5.19'	S32°03'47"E	5.76'
C19	3.67'	90°00'00"	5.19'	N57°56'13"E	5.76'
C20	102.00'	3°31'06"	6.26'	N46°04'56"W	6.26'
C21	25.00'	60°46'42"	25.29'	S17°27'08"E	26.52'
C22	102.00'	77°08'57"	127.20'	N09°16'00"W	137.33'
C23	102.00'	73°37'51"	122.24'	N07°30'28"W	131.00'
C24	25.00'	66°48'54"	27.53'	S04°05'59"E	29.15'
C25	75.00'	36°32'06"	47.02'	N19°14'23"W	47.82'
C26	75.00'	9°53'57"	12.94'	N32°33'27"W	12.96'
C27	75.00'	25°46'38"	33.46'	N14°43'10"W	33.74'
C28	75.00'	0°51'31"	1.12'	N01°24'05"W	1.12'
C29	50.00'	36°32'06"	31.35'	N19°14'23"W	31.88'
C30	25.00'	36°32'06"	15.67'	N19°14'23"W	15.94'
C31	25.00'	66°48'54"	27.53'	N70°54'53"W	29.15'
C32	102.00'	28°20'37"	49.95'	N89°50'58"E	50.46'
C33	25.00'	91°02'52"	35.68'	S58°29'51"W	39.73'
C34	75.00'	29°14'01"	37.85'	S27°35'25"W	38.27'
C40	102.00'	46°13'06"	80.07'	S50°36'23"W	82.28'
C41	25.00'	60°46'42"	25.29'	N43°19'55"E	26.52'
C42	56.67'	129°33'20"	102.53'	N121°17'06"W	128.11'
C43	56.67'	79°42'52"	72.63'	S87°39'00"E	75.84'
C44	56.67'	52°39'53"	50.27'	S21°27'37"E	52.05'
C45	56.67'	98°03'54"	85.58'	S53°54'16"W	96.95'
C128	25.00'	86°27'40"	34.25'	N25°24'38"E	37.73'
C130	25.00'	81°39'00"	32.69'	S63°11'47"W	35.63'
C131	25.00'	9°23'52"	4.10'	S17°40'21"W	4.10'

Line Table		
Line #	Direction	Length
L15	S77°01'35"E	13.34'



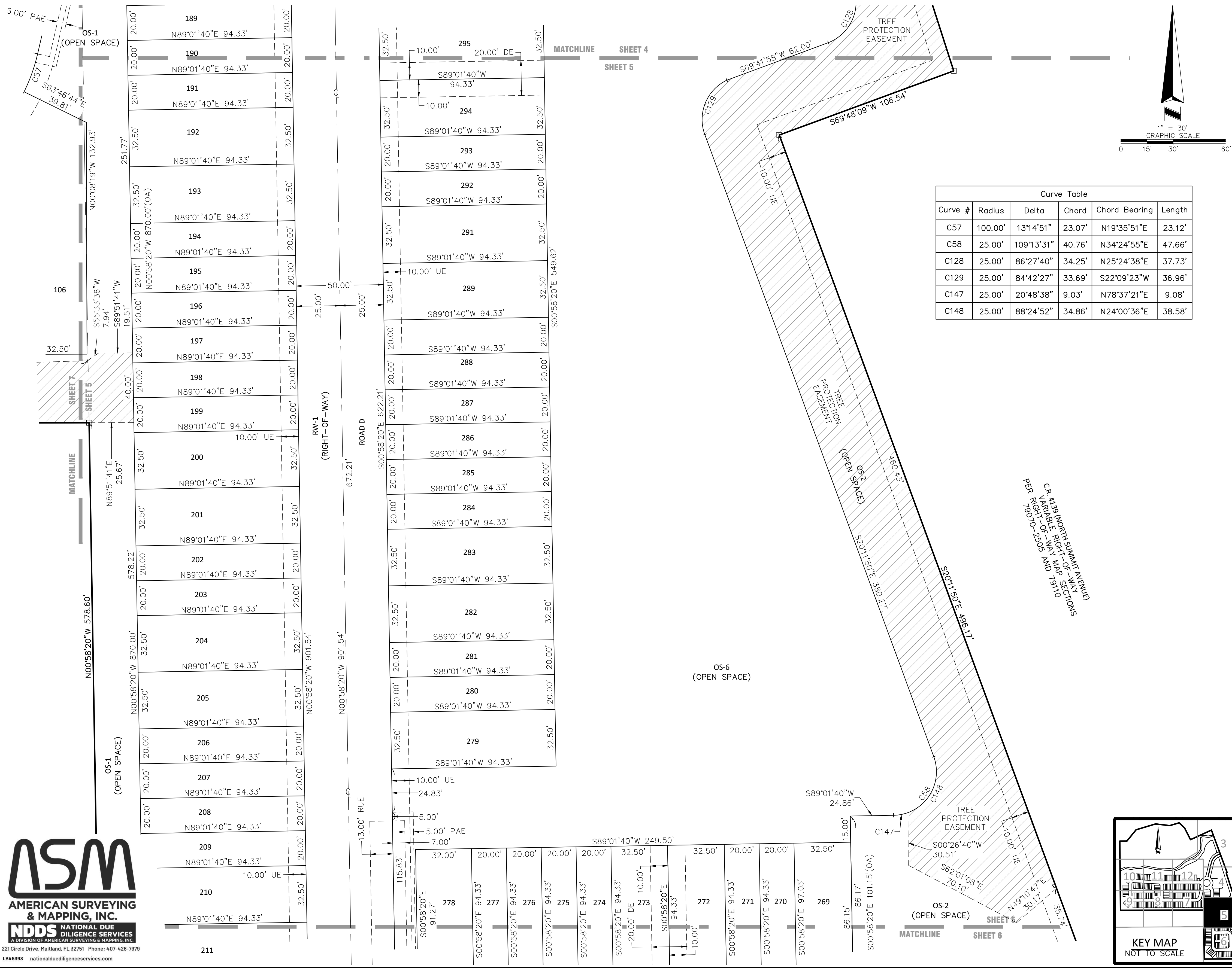
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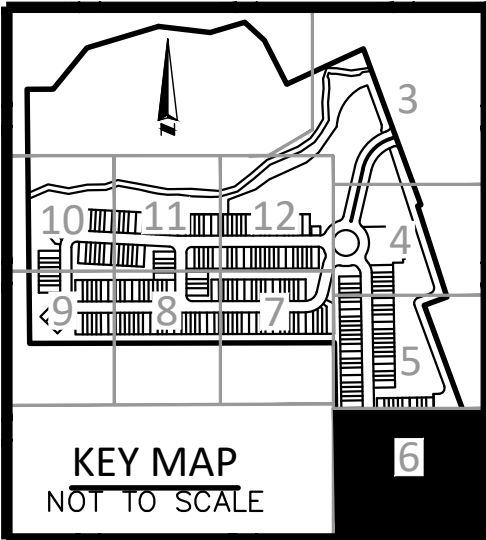
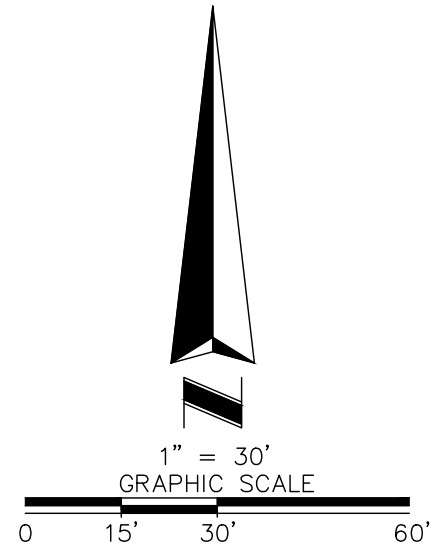
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Line Table		
Line #	Direction	Length
L17	N45°58'20"W	1.92'
L18	S45°58'20"E	1.92'
L19	N44°01'40"E	3.99'



Curve Table				
Curve#	Radius Delta	Chord	Chord Bearing	Length
C59	25.00'	90'00"00"	S45°58'20"E	39.27'
C61	25.00'	28'41"07"	S76°37'46"E	12.52'
C62	25.00'	90'00"00"	S45°58'20"W	39.27'
C63	25.00'	28'41"07"	N76°37'46"W	12.52'
C64	25.00'	61'18"53"	N31°37'46"W	26.75'
C65	50.00'	90'00"00"	N45°58'20"W	78.54'
C66	75.00'	90'00"00"	N45°58'20"W	117.81'
C67	75.00'	15'27"50"	S83°14'21"W	20.24'
C68	75.00'	16'47'34"	N67°06'35"W	21.98'
C69	75.00'	11'54'56"	N52°45'20"W	15.60'
C70	75.00'	13'51'19"	N39°52'12"W	18.14'
C71	75.00'	12'49'13"	N26°31'56"W	16.78'
C72	75.00'	14'49'01"	N19°34'22"W	19.40'
C73	75.00'	4'19'59"	N03°08'19"W	5.67'
C74	25.00'	90'00"00"	S45°58'20"E	39.27'
C75	25.00'	39'15'39"	S18°39'30"W	17.13'
C76	25.00'	28'41"07"	S74°41'07"W	12.52'
C77	25.00'	90'00"00"	S45°58'20"W	39.27'
C78	25.00'	28'41"07"	N74°41'07"E	12.52'
C79	25.00'	39'15'39"	N18°39'30"E	17.13'
C80	25.00'	90'00"00"	S45°58'20"E	39.27'
C81	25.00'	30'00"00"	S15°58'20"E	13.09'
C82	25.00'	60'00"00"	S80°58'20"E	26.18'
C83	25.00'	76'30'58"	N50°46'11"E	33.39'
C84	522.96'	2'54'02"	N1°34'09"E	26.47'
C85	25.00'	106'19'22"	N37°48'39"W	46.39'
C86	75.00'	90'00"00"	S45°58'20"E	117.81'
C87	75.00'	14'08'12"	S83°25'00"E	19.78'
C88	75.00'	16'51'51"	S73°29'27"E	22.08'
C89	75.00'	14'26'24"	S39°08'34"E	18.90'
C90	75.00'	15'21'25"	S54°02'28"E	20.10'
C91	75.00'	14'08'31"	S68°47'26"E	18.51'
C92	75.00'	15'06'39"	S83°25'00"E	19.78'
C93	50.00'	90'00"00"	S45°58'20"E	78.54'
C94	25.00'	90'00"00"	S45°58'20"E	39.27'
C95	25.00'	61'18'53"	S31°37'46"E	26.75'
C96	25.00'	28'41"08"	S76°37'46"E	12.52'
C132	25.00'	22'03'14"	S49°18'56"E	9.62'
C133	25.00'	22'03'14"	N49°18'56"E	9.62'
C144	540.25'	11'11'30"	N11°42'07"E	11.24'
C145	522.92'	24'04'42"	N00°55'59"W	219.76'
C146	522.96'	7'11'36"	N16°34'09"W	65.66'
C149	25.00'	31'19'56"	S13°50'16"E	13.67'
C150	25.00'	7'55'43"	S36°16'07"E	3.46'
C151	25.00'	11'28'42"	S45°58'20"E	5.01'
C152	25.00'	11'03'32"	S56°59'56"E	4.61'

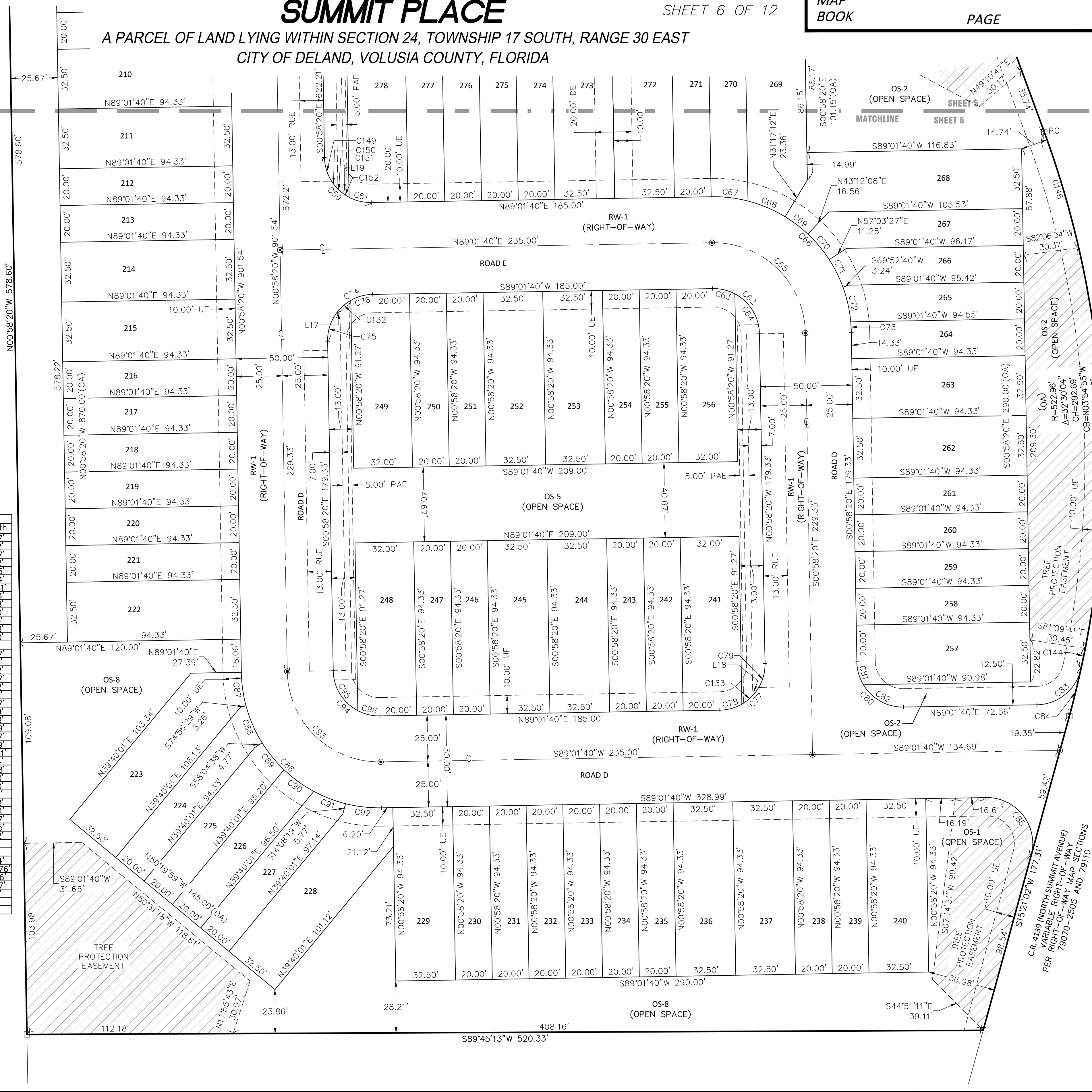
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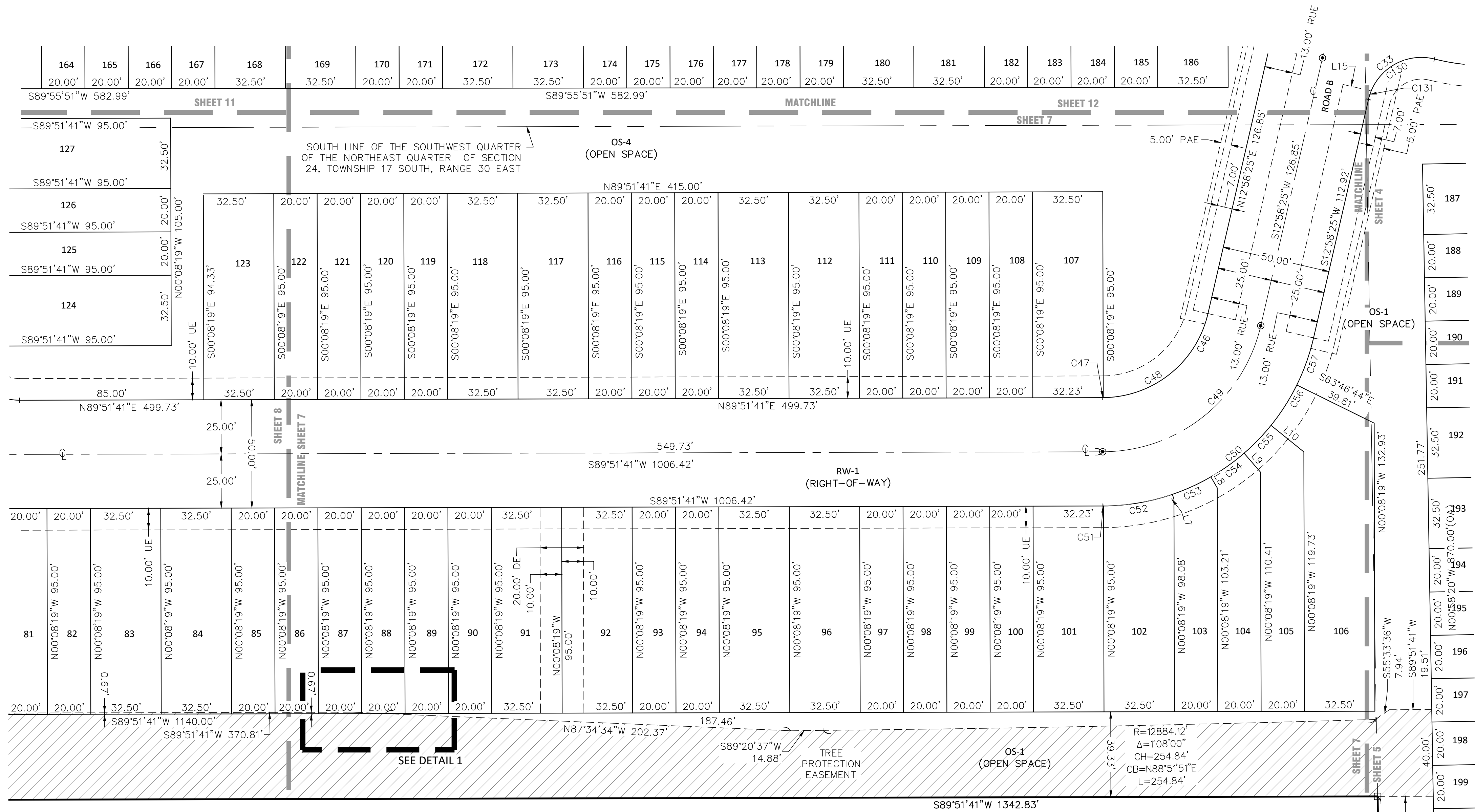
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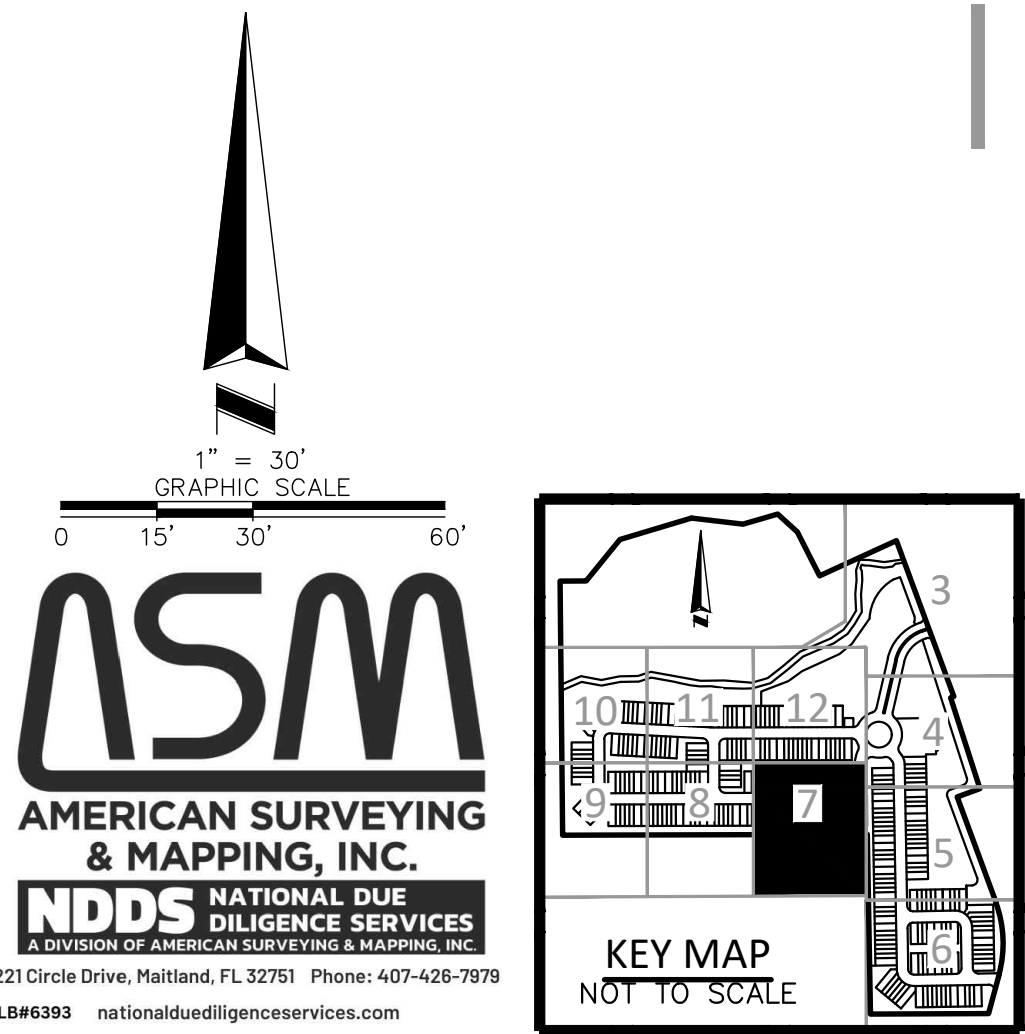
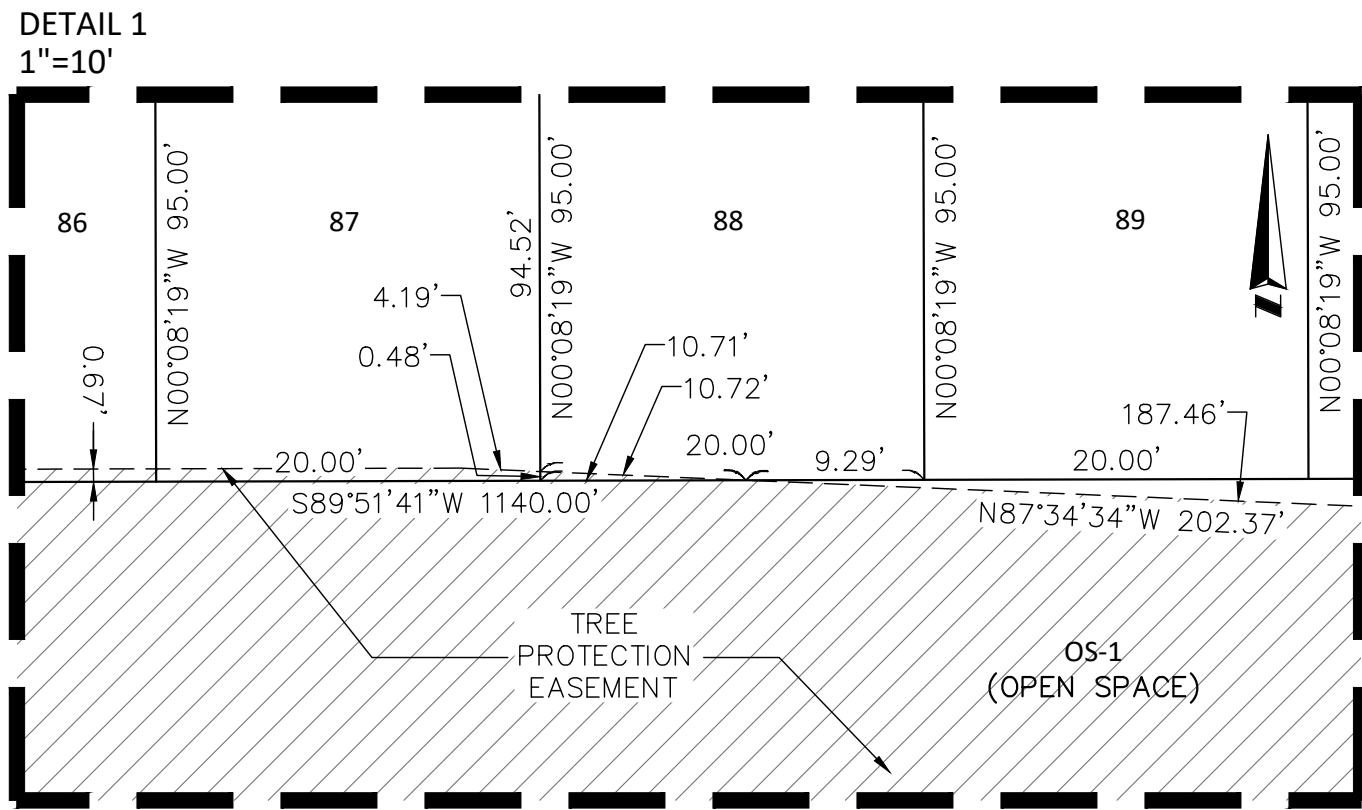
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C33	25.00'	91°02'52"	35.68'	S58°29'51"W	39.73'
C46	50.00'	76°53'17"	62.17'	N51°25'03"E	67.10'
C47	50.00'	0°18'36"	0.27'	N89°42'24"E	0.27'
C48	50.00'	76°34'41"	61.96'	N51°15'45"E	66.83'
C49	75.00'	76°53'17"	93.26'	N51°25'03"E	100.65'
C50	100.00'	76°53'17"	124.35'	N51°25'03"E	134.19'
C51	100.00'	0°09'18"	0.27'	N89°47'03"E	0.27'
C52	100.00'	18°31'35"	32.19'	N80°26'36"E	32.33'
C53	100.00'	11°12'45"	19.54'	N65°34'26"E	19.57'
C54	100.00'	10°48'43"	18.84'	N54°33'42"E	18.87'
C55	100.00'	10°14'21"	17.85'	N44°02'10"E	17.87'
C56	100.00'	12°41'43"	22.11'	N32°34'08"E	22.16'
C57	100.00'	13°14'51"	23.07'	N19°35'51"E	23.12'



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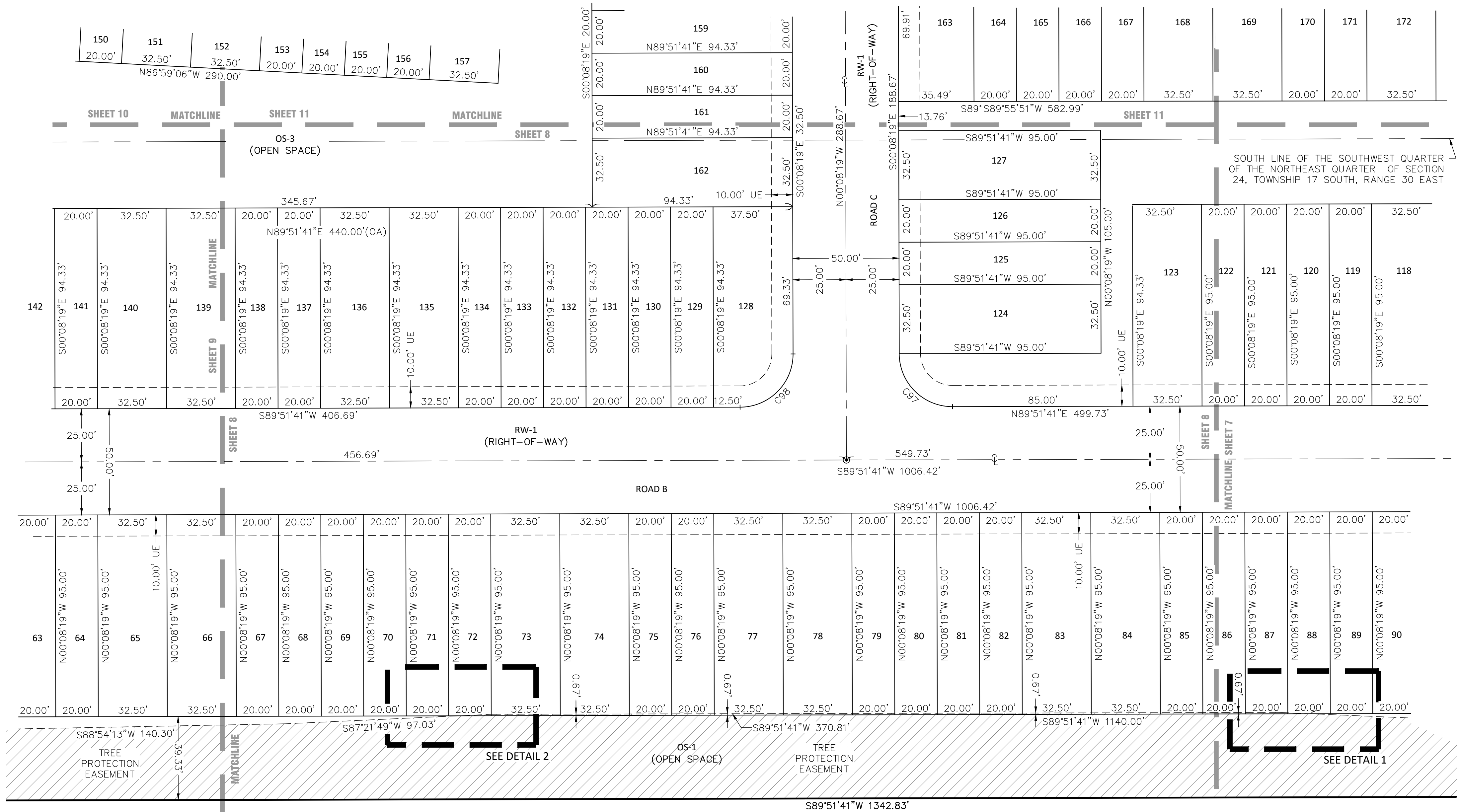
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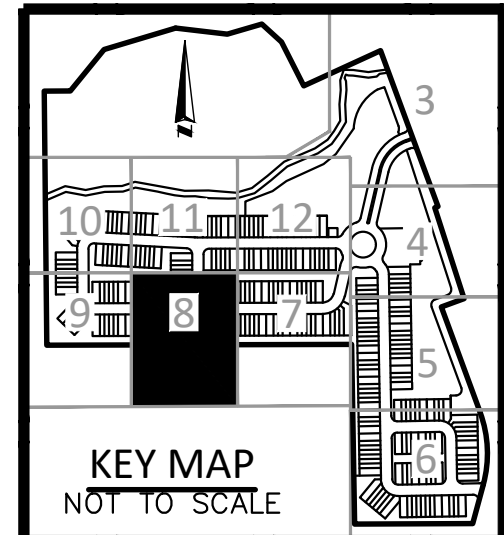
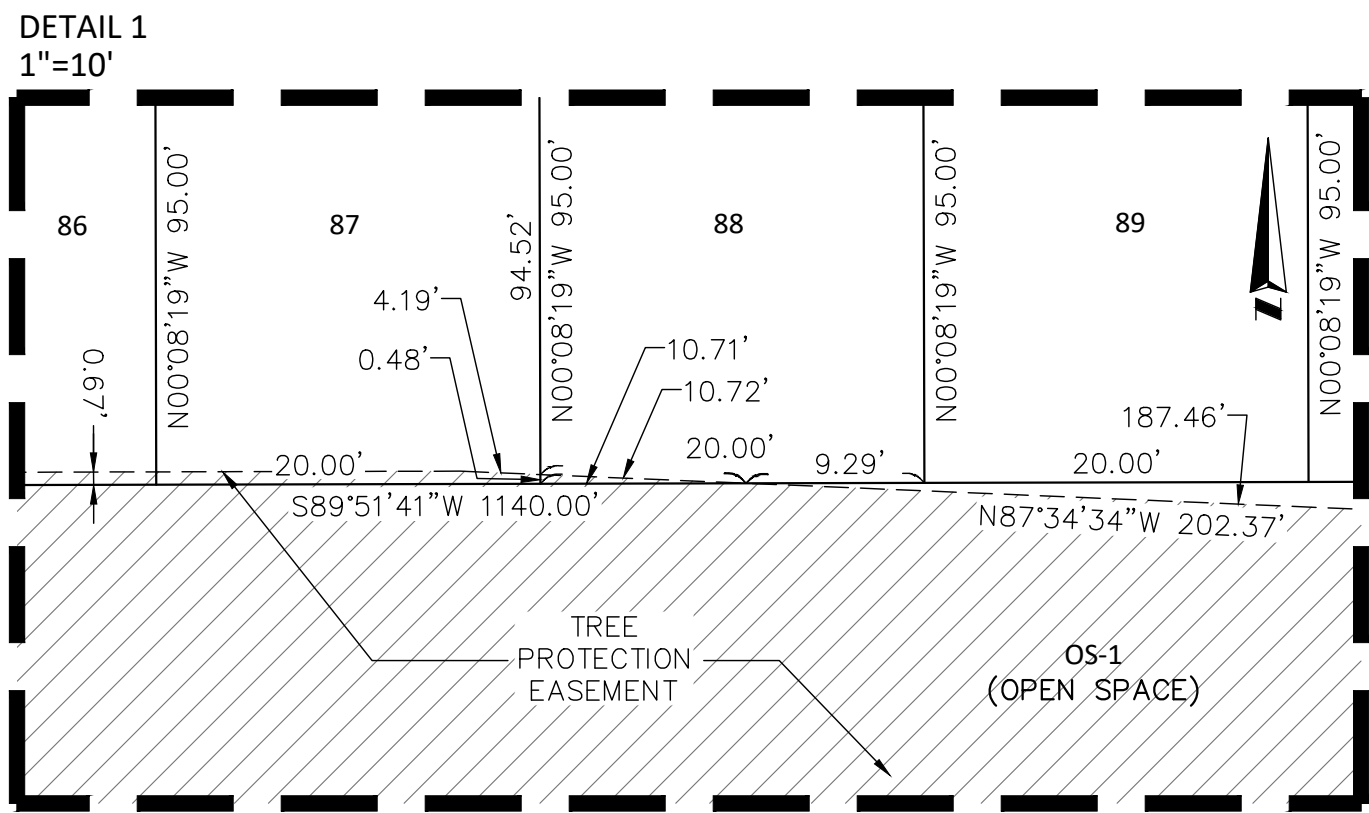
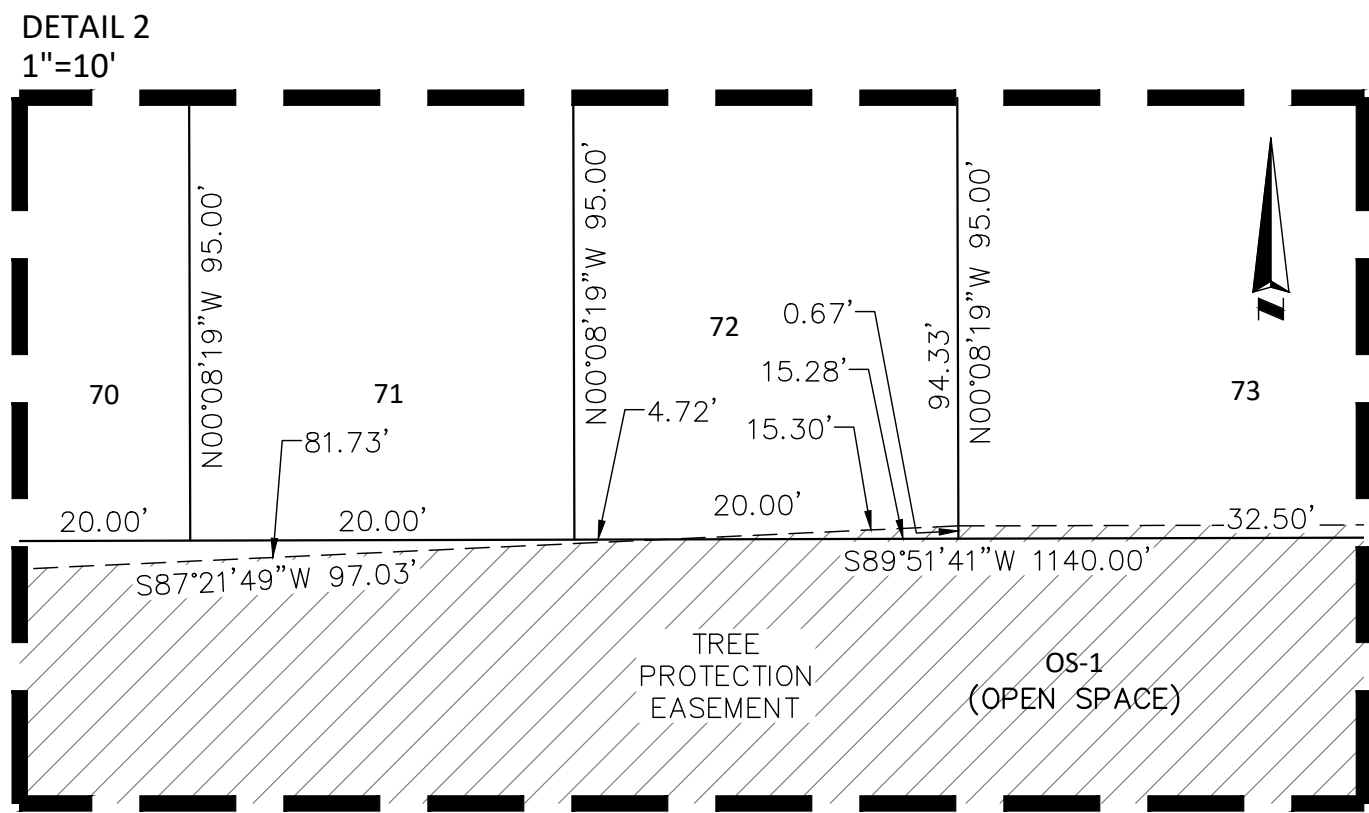
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C97	25.00'	90°00'00"	35.36'	S45°08'19"E	39.27'
C98	25.00'	90°00'00"	35.36'	N44°51'41"E	39.27'



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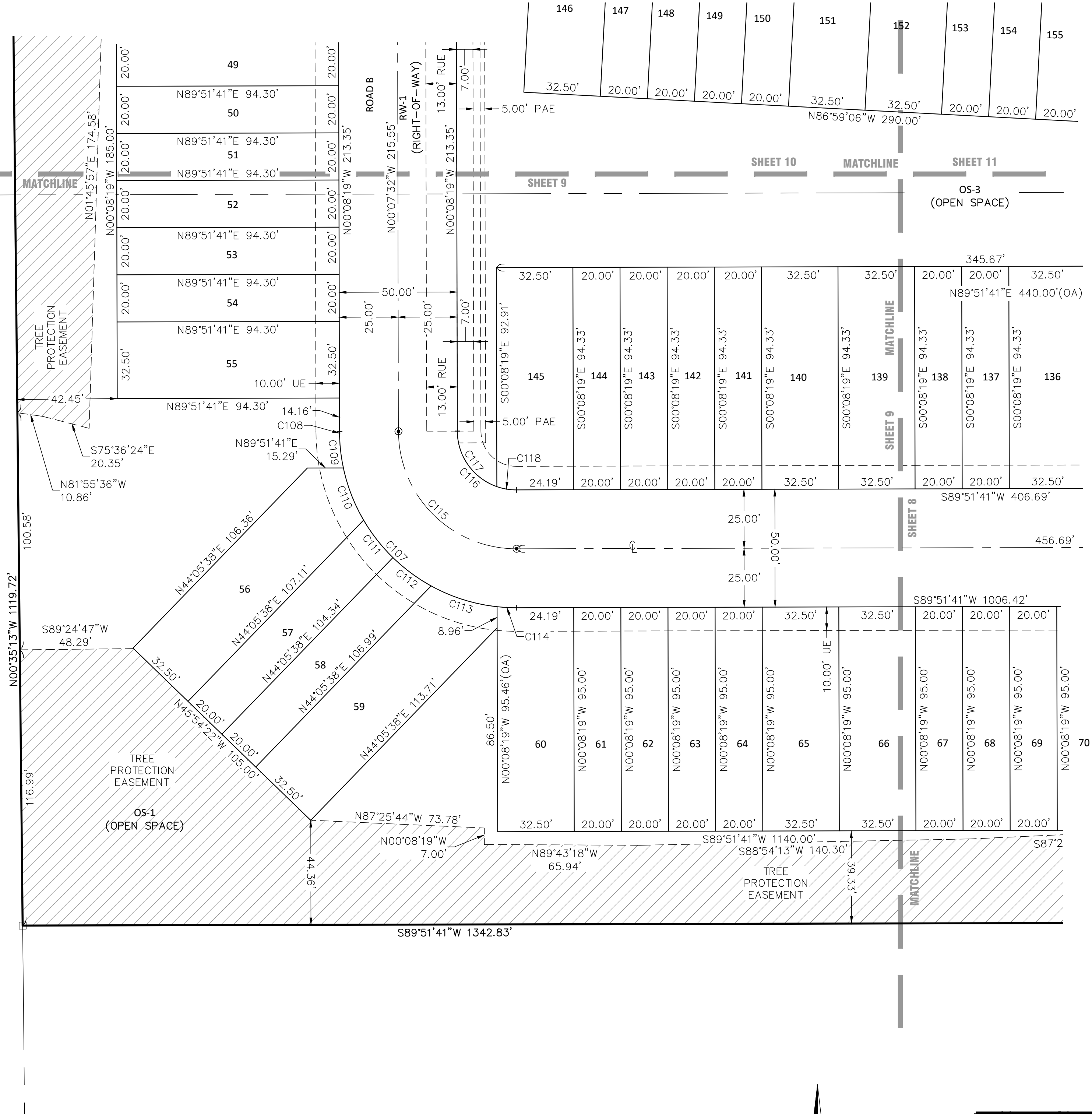
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C107	75.00'	89°59'59"	106.07'	S45°08'18"E	117.81'
C108	75.00'	11°56'32"	15.60'	S06°06'35"E	15.63'
C109	75.00'	11°56'32"	15.60'	S06°06'35"E	15.63'
C110	75.00'	18°11'40"	23.72'	S21°10'41"E	23.82'
C111	75.00'	15°28'19"	20.19'	S38°00'41"E	20.25'
C112	75.00'	15°27'36"	20.18'	S53°28'38"E	20.24'
C113	75.00'	22°34'05"	29.35'	S72°29'29"E	29.54'
C114	75.00'	6°21'46"	8.32'	S86°57'25"E	8.33'
C115	50.00'	90°00'00"	70.71'	S45°08'19"E	78.54'
C116	25.00'	90°00'00"	35.36'	S45°08'19"E	39.27'
C117	25.00'	70°34'50"	28.89'	S35°25'44"E	30.80'
C118	25.00'	19°25'10"	8.43'	S80°25'44"E	8.47'



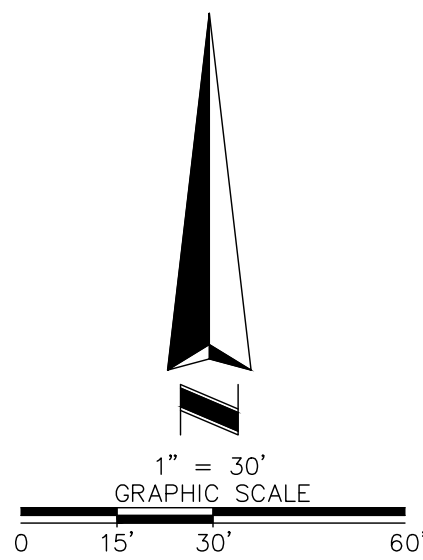
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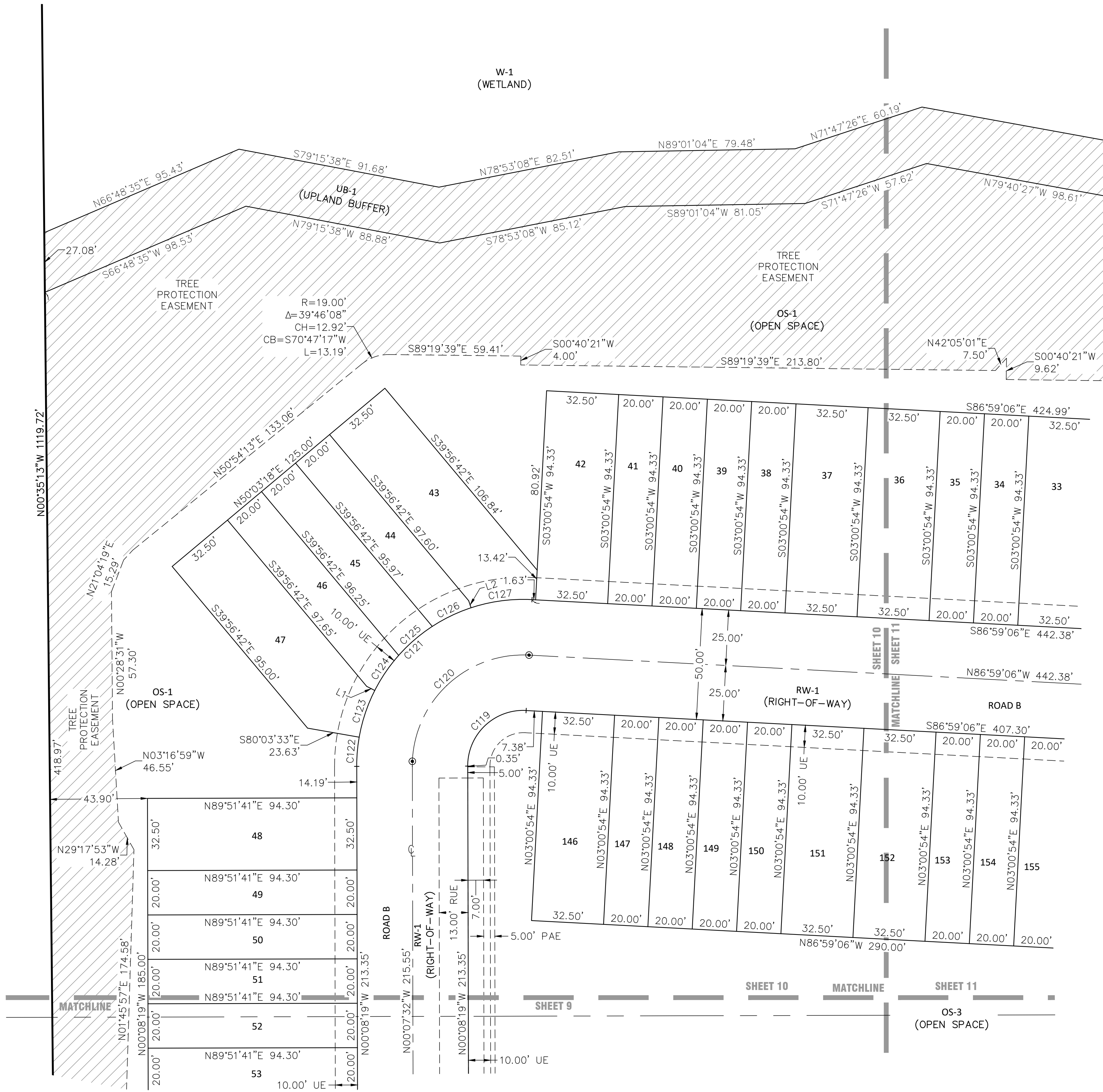
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Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C119	25.00'	93°09'13"	36.31'	S46°26'18"W	40.65'
C120	50.00'	90°37'55"	71.10'	S47°41'57"W	79.09'
C121	75.00'	93°09'13"	108.94'	S46°26'18"W	121.94'
C122	75.00'	10°04'45"	13.18'	S04°54'04"W	13.19'
C123	75.00'	17°00'32"	22.18'	S18°26'43"W	22.26'
C124	75.00'	14°37'58"	19.10'	S34°15'58"W	19.15'
C125	75.00'	15°19'34"	20.00'	S49°14'44"W	20.06'
C126	75.00'	14°49'29"	19.35'	S64°19'15"W	19.41'
C127	75.00'	21°16'54"	27.70'	S82°22'27"W	27.86'



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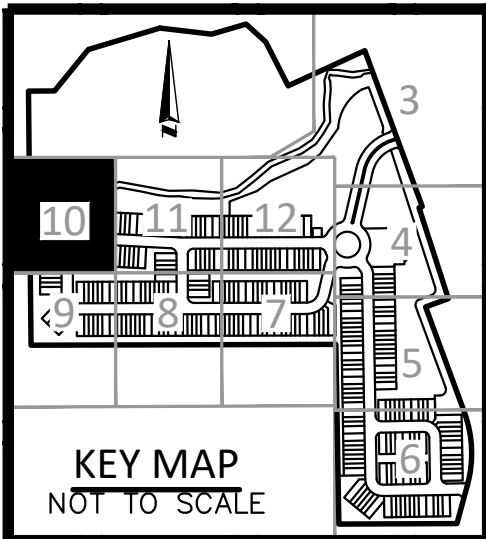
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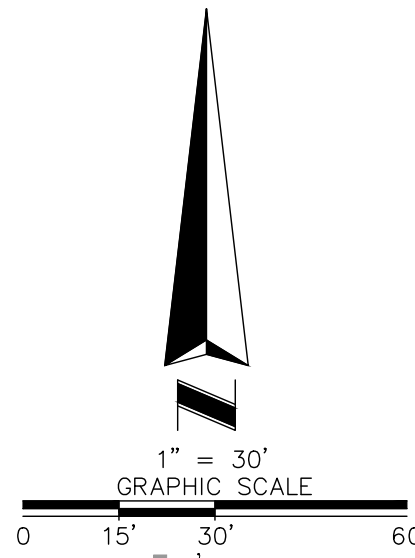
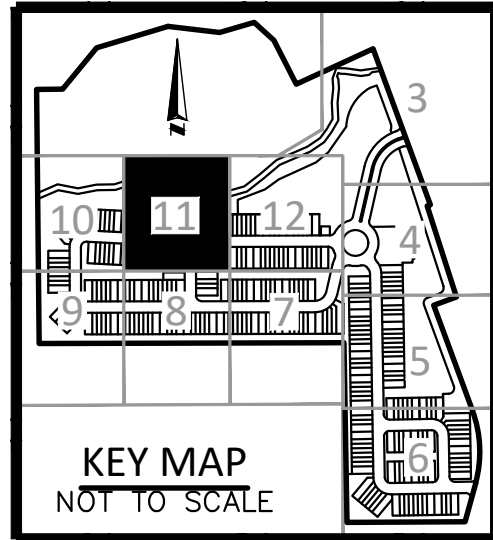
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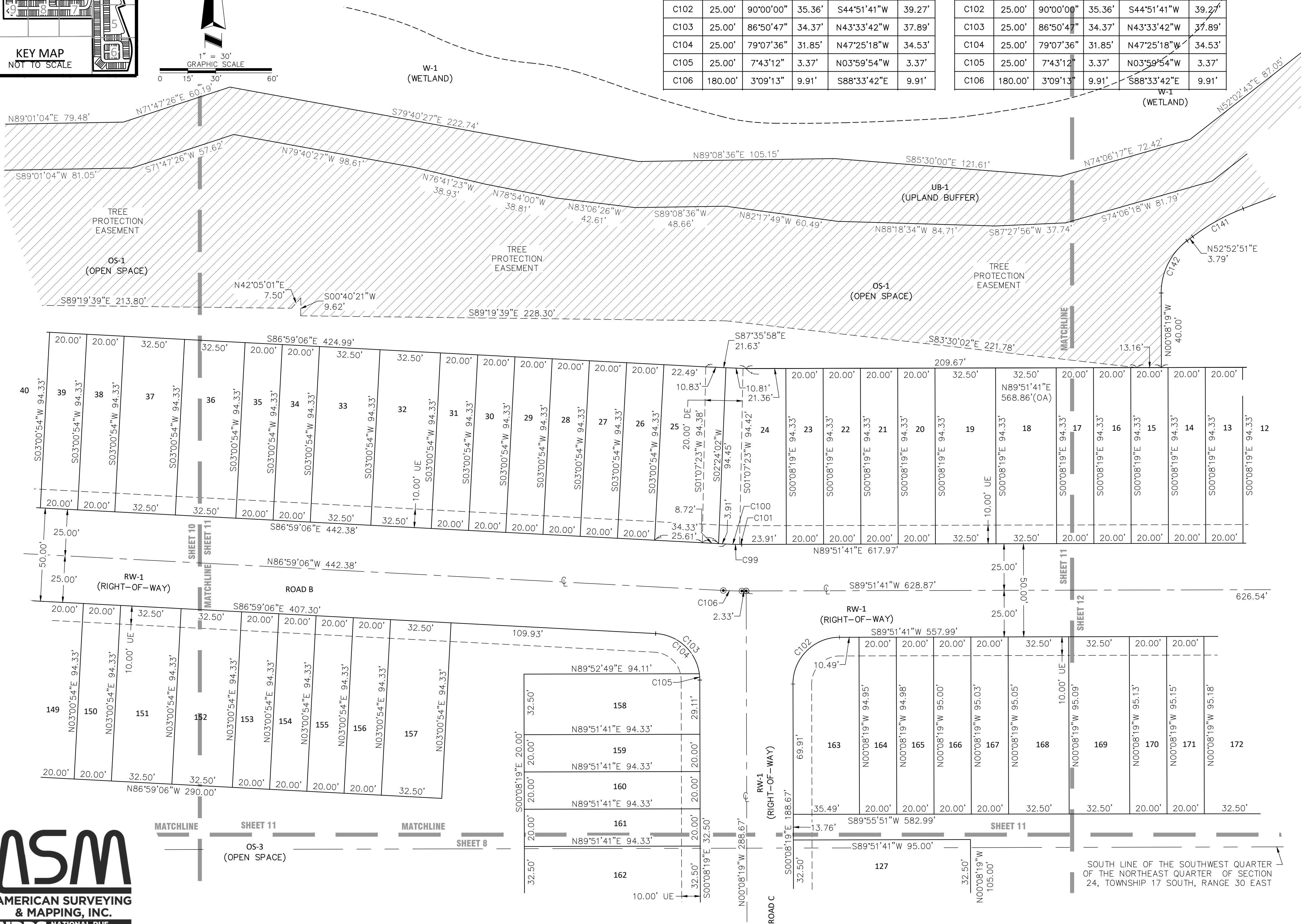
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Curve Table				
Curve #	Radius	Delta	Chord	Chord Bearing
C99	155.00'	3°09'13"	8.53'	S88°33'42"E
C100	155.00'	2°43'32"	7.37'	S88°20'52"E
C101	155.00'	0°25'41"	1.16'	S89°55'28"E
C102	25.00'	90°00'00"	35.36'	S44°51'41"W
C103	25.00'	86°50'47"	34.37'	N43°33'42"W
C104	25.00'	79°07'36"	31.85'	N47°25'18"W
C105	25.00'	7°43'12"	3.37'	N03°59'54"W
C106	180.00'	3°09'13"	9.91'	S88°33'42"E

Curve Table				
Curve #	Radius	Delta	Chord	Chord Bearing
C109	155.00'	3°09'13"	8.53'	S88°33'42"E
C110	155.00'	2°43'32"	7.37'	S88°20'52"E
C101	155.00'	0°25'41"	1.16'	S89°55'28"E
C102	25.00'	90°00'00"	35.36'	S44°51'41"W
C103	25.00'	86°50'47"	34.37'	N43°33'42"W
C104	25.00'	79°07'36"	31.85'	N47°25'18"W
C105	25.00'	7°43'12"	3.37'	N03°59'54"W
C106	180.00'	3°09'13"	9.91'	S88°33'42"E



SUMMIT PLACE

A PARCEL OF LAND LYING WITHIN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

SHEET 12 OF 12

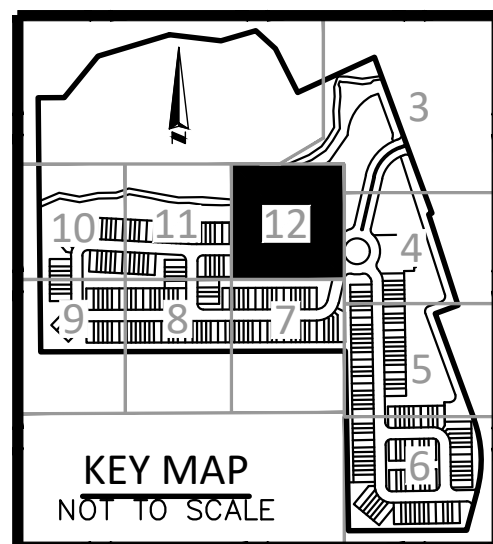
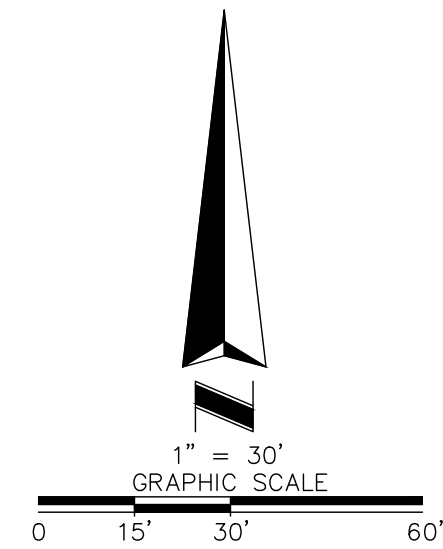
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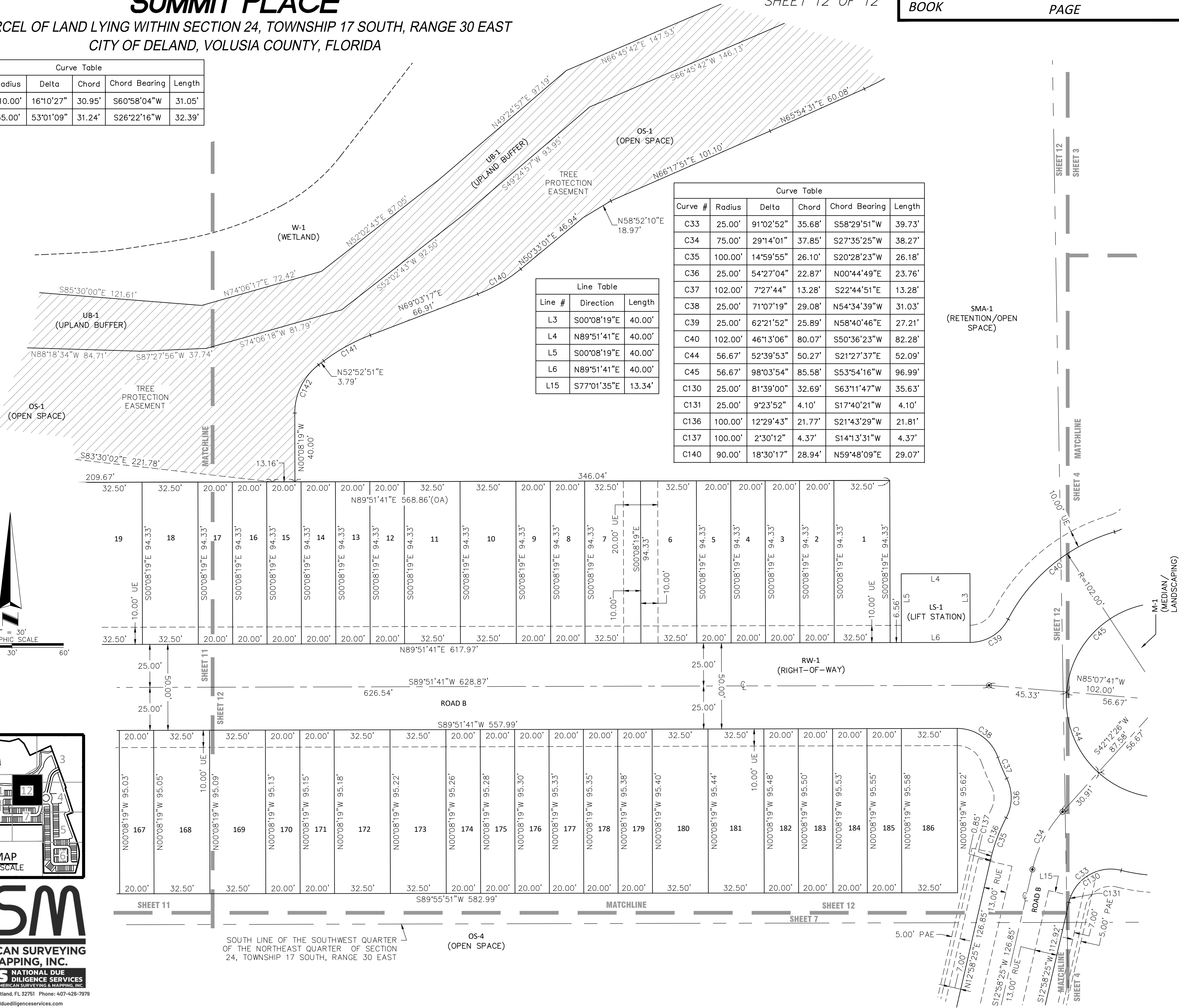
Curve Table				
Curve #	Radius	Delta	Chord	Chord Bearing
C141	110.00'	16°10'27"	30.95'	S60°58'04"W
C142	35.00'	53°01'09"	31.24'	S26°22'16"W

Curve Table					
Curve #	Radius	Delta	Chord	Chord Bearing	Length
C33	25.00'	91°02'52"	35.68'	S58°29'51"W	39.73'
C34	75.00'	29°14'01"	37.85'	S27°35'25"W	38.27'
C35	100.00'	14°59'55"	26.10'	S20°28'23"W	26.18'
C36	25.00'	54°27'04"	22.87'	N00°44'49"E	23.76'
C37	102.00'	7°27'44"	13.28'	S22°44'51"E	13.28'
C38	25.00'	71°07'19"	29.08'	N54°34'39"W	31.03'
C39	25.00'	62°21'52"	25.89'	N58°40'46"E	27.21'
C40	102.00'	46°13'06"	80.07'	S50°36'23"W	82.28'
C44	56.67'	52°39'53"	50.27'	S21°27'37"E	52.09'
C45	56.67'	98°03'54"	85.58'	S53°54'16"W	96.99'
C130	25.00'	81°39'00"	32.69'	S63°11'47"W	35.63'
C131	25.00'	9°23'52"	4.10'	S17°40'21"W	4.10'
C136	100.00'	12°29'43"	21.77'	S21°43'29"W	21.81'
C137	100.00'	2°30'12"	4.37'	S14°13'31"W	4.37'
C140	90.00'	18°30'17"	28.94'	N59°48'09"E	29.07'

Line Table		
Line #	Direction	Length
L3	S00°08'19"E	40.00'
L4	N89°51'41"E	40.00'
L5	S00°08'19"E	40.00'
L6	N89°51'41"E	40.00'
L15	S77°01'35"E	13.34'



221 Circle Drive, Maitland, FL 32751 Phone: 407-428-7878
LB#6393 nationalduediligenceservices.com



LEGAL DESCRIPTION:

A PARCEL OF LAND LYING IN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS:

COMMENCE AT SOUTHEAST CORNER OF THE NORTH 7 CHAINS OF THE SOUTHEAST 1/4 OF THE NORTHWEST 1/4 OF SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, AND RUN SOUTH 00°22'01" EAST ALONG THE WEST LINE OF THE NORTHEAST 1/4 OF SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, A DISTANCE OF 97.23 FEET TO THE POINT OF BEGINNING; THENCE DEPARTING SAID WEST LINE, RUN NORTH 89° 34'48" EAST, A DISTANCE OF 115.05 FEET; THENCE RUN NORTH 39°30'34" EAST, A DISTANCE OF 234.81 FEET; THENCE RUN NORTH 73°28'58" EAST, A DISTANCE OF 328.99 FEET; THENCE RUN SOUTH 83°07'08" EAST, A DISTANCE OF 228.92 FEET; THENCE RUN NORTH 73°54'21" EAST, A DISTANCE OF 159.10 FEET; THENCE RUN SOUTH 47°20'56" EAST, A DISTANCE OF 117.55 FEET; THENCE RUN SOUTH 26°45'29" EAST, A DISTANCE OF 216.76 FEET; THENCE RUN NORTH 65°29'38" EAST, A DISTANCE OF 327.31 FEET TO A POINT ON THE WESTERLY RIGHT OF WAY LINE OF COUNTY ROAD 4139 AS RECORDED ON RIGHT OF WAY MAP SECTIONS 79070-2505 AND 79110 OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA; THENCE RUN THE FOLLOWING 6 COURSES ALONG SAID WESTERLY RIGHT OF WAY: SOUTH 19°57'26" EAST, A DISTANCE OF 1100.55 FEET; SOUTH 70°04'49" WEST, A DISTANCE OF 14.60 FEET; SOUTH 19°57'36" EAST, A DISTANCE OF 50.00 FEET; SOUTH 70°02'24" WEST, A DISTANCE OF 124.00 FEET; SOUTH 19°57'36" EAST, A DISTANCE OF 495.89 FEET TO A POINT OF CURVATURE OF A CURVE CONCAVE TO THE WEST HAVING A RADIUS OF 522.96 FEET AND A CENTRAL ANGLE OF 35°32'20", THENCE RUN SOUTHEAST ALONG THE ARC OF SAID CURVE A DISTANCE OF 324.38 FEET; THENCE DEPARTING SAID RIGHT OF WAY LINE, RUN SOUTH 89°59'28" WEST ALONG THE NORTH LINE OF THE SOUTH 235.00 FEET OF THE NORTHEAST 1/4 OF THE SOUTHEAST 1/4 OF THE AFOREMENTIONED SECTION 24, A DISTANCE OF 517.99 FEET TO A POINT ON THE EAST LINE OF SAID NORTHWEST 1/4 OF THE SOUTHEAST 1/4 OF SAID SECTION 24; THENCE RUN NORTH 00°45'20" WEST ALONG SAID EAST LINE, A DISTANCE OF 791.90 FEET; THENCE DEPARTING SAID EAST LINE, RUN NORTH 89°53'53" WEST, A DISTANCE OF 1342.71 FEET TO A POINT ON THE AFORESAID WEST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE RUN NORTH 00°22'01" WEST ALONG SAID WEST LINE, A DISTANCE OF 1119.50 FEET TO THE POINT OF BEGINNING.

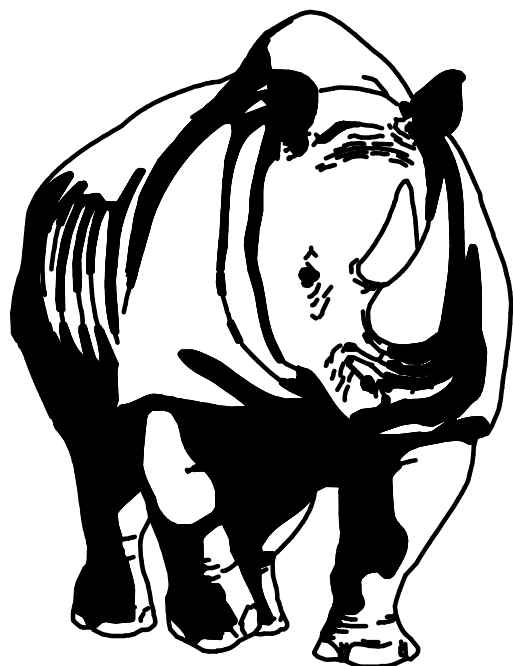
LESS AND EXCEPT ANY LAND CONTAINED IN THE WARRANTY DEED RECORDED IN OFFICIAL RECORDS BOOK 5551, PAGE 2688, PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA.

TOGETHER WITH

A PARCEL OF LAND LYING IN SECTION 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS:

FOR A POINT OF REFERENCE, BEGIN AT THE INTERSECTION OF THE WESTERLY RIGHT-OF-WAY LINE OF INTERSTATE HIGHWAY 4, AND THE EASTERLY RIGHT-OF-WAY LINE OF COUNTY ROAD 4139, AND RUN NORTH 24°27'12" WEST, ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 434.81 FEET; THENCE RUN NORTH 19°05'23" WEST, CONTINUING ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 99.02 FEET; THENCE RUN NORTH 20°00'50" WEST, CONTINUING ALONG SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 371.26 FEET; THENCE RUN SOUTH 89°00'48" EAST, DEPARTING SAID EASTERLY RIGHT-OF-WAY LINE, A DISTANCE OF 671.24 FEET, TO THE AFOREMENTIONED WESTERLY RIGHT-OF-WAY INE OF INTERSTATE HIGHWAY 4 AND A POINT ON A NON-TANGENT CURVE CONCAVE TO THE SOUTHEAST, HAVING A RADIUS OF 5879.85 FEET AND A CHORD WHICH BEARS SOUTH 21°51'47" WEST, FOR A DISTANCE OF 604.73 FEET; THENCE RUN ALONG THE ARC OF SAID CURVE THROUGH A CENTRAL ANGLE OF 08°41'18" FOR A LENGTH OF 891.59 FEET TO THE POINT OF BEGINNING.

SUMMIT PLACE	
Sheet Number	Sheet Title
C001	COVER
C002	SYMBOLS AND ABBREVIATIONS
C003	GENERAL NOTES
C010	DEMOLITION PLAN
C100	OVERALL SITE PLAN
C101	SITE PLAN
C102	SITE PLAN
C103	SITE PLAN
C201	UTILITY PLAN
C202	UTILITY PLAN
C203	UTILITY PLAN
C301	DRAINAGE PLAN
C302	DRAINAGE PLAN
C303	DRAINAGE PLAN
C401	GRADING PLAN
C402	GRADING PLAN
C403	GRADING PLAN
C501	OFFSITE DIMENSION, SIGNING, AND STRIPING PLAN
C502	OFFSITE SECTIONS
C601	STREET A PLAN & PROFILE
C602	STREET B-1 PLAN & PROFILE
C603	STREET B-2 PLAN & PROFILE
C604	STREET B-3 PLAN & PROFILE
C605	STREET C PLAN & PROFILE
C606	STREET D-1 PLAN & PROFILE
C607	STREET D-2 PLAN & PROFILE
C608	STREET E PLAN & PROFILE
C609	SUMMIT AVENUE OFF-SITE PLAN & PROFILE
C610	SUMMIT AVENUE OFF-SITE PLAN & PROFILE
C700	EROSION CONTROL PLAN
C701	EROSION CONTROL NOTES AND DETAILS
C800	VEHICLE CIRCULATION PLAN
C900	CONSTRUCTION DETAILS
C901	CONSTRUCTION DETAILS
C902	CONSTRUCTION DETAILS
C903	CONSTRUCTION DETAILS
C904	CONSTRUCTION DETAILS
C910	CITY DETAILS
C911	CITY DETAILS
C912	CITY DETAILS
C913	CITY DETAILS
C914	CITY DETAILS
C915	CITY DETAILS
C916	CITY DETAILS
C917	CITY DETAILS
C918	CITY DETAILS



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MOORHEAD & STOKES, LLC
CIVIL ENGINEERS

431 E. HORATIO AVENUE, SUITE 260
MAITLAND, FLORIDA 32751
PHONE (407) 629-8330
FAX (407) 629-8336

FINAL ENGINEERING PLAN FOR SUMMIT PLACE

PARCELS: 702400000010,
702400000020

SECTIONS 24, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

FOR

DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
PHONE: (407) 850-5200

PROJECT TEAM MEMBERS:

OWNER:

D.R HORTON
10192 DOWDEN RD
ORLANDO, FL 32832
PHONE:(407) 850-5200

SURVEYOR:

AMERICAN SURVEYING & MAPPING, INC
3191 MAGUIRE BLVD, STREET 200.
ORLANDO, FL 32803
PHONE: (407) 426-7979

ENGINEER:

MADDEN, MOORHEAD, & STOKES, LLC.
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MAITLAND, FL 32751
PHONE: (407) 629-8330
CONTACT: CHAD MOORHEAD, PE

GEOTECHICAL:

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911 BEVILLE ROAD, SUITE 3
SOUTH DAYTONA, FL 32119
PHONE: (386) 756-1105

POWER:

DUKE ENERGY
PHONE: (407) 938-6602
CONTACT: JENNIFER NAZARIAN

GAS:

FLORIDA PUBLIC UTILITIES
450 S. HIGHWAY 17-92
DEBARY, FL 32713
PHONE: (561) 402-2523
CONTACT: MICHELLE MCMURTRY

WATER & WASTE WATER:

CITY OF DELAND
1101 S. AMELIA AVE.
DELAND, FL 32724
PHONE: (386) 626-7250

PHONE: (NORTH OF BERESFORD)

268 RIDGEWOOD AVE., 2ND FL
DAYTONA BEACH, FL 32114
PHONE: (386) 281-6954
CONTACT: DUANE REYNOLDS

CABLE:

QUARTER COMMUNICATIONS
1195 S. WOODLAND BLVD,
DELAND, FL 32720
PHONE: (407) 532-8614
CONTACT: STACY STAFFORD

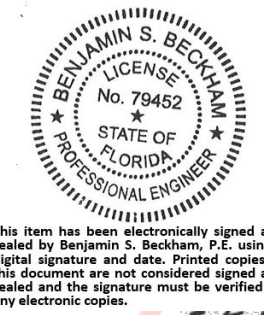
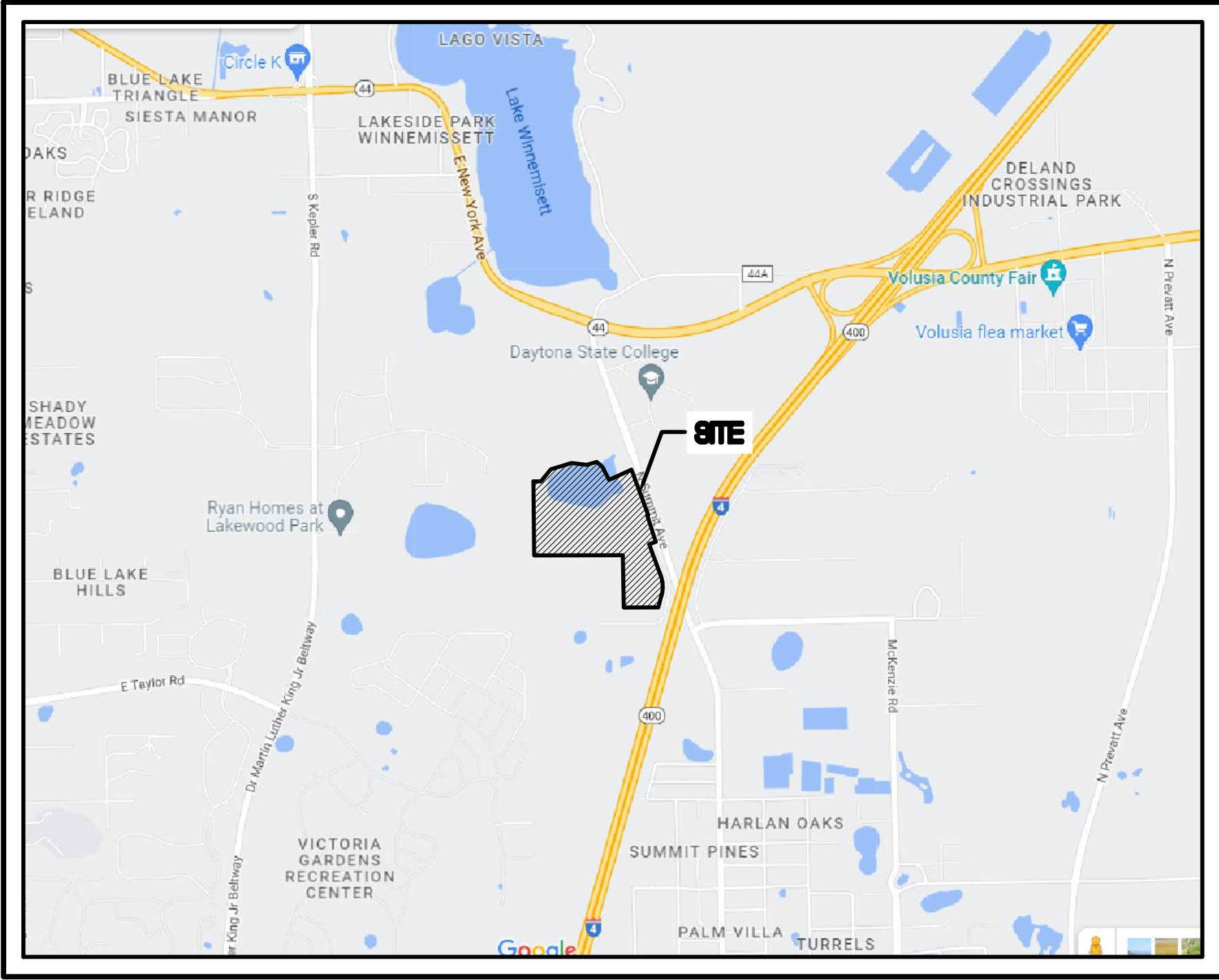
PHONE: (SOUTH OF BERESFORD)

CENTURY LINK
1290 MT. HOMER RD.
EUSTIS, FL 32726
PHONE: (352) 326-1410
CONTACT: JOY BRITIAN

ENVIRONMENTAL:

ECOLOGICAL CONSULTING SOLUTIONS, INC.
235 HUNT CLUB BOULEVARD, SUITE 202
LONGWOOD FLORIDA
PHONE: (407) 869-9436

VICINITY MAP
1" = 2,000'



Digitally signed
by Benjamin S.
Beckwith
Date: 2024.06.20
08:44:44 -0400

ABBREVIATIONS

A	AREA ANCHOR BOLT ABANDON(ED) ACRE(S) AC-FT ACFT ADSL ADT AL ALT AM AMP APPROX ARV ARV ASPH ASSY AVE AVG AZ	F F&C FD FDN FDOT FF FG FIRE HYDRANT F&I FIG FIN FIT FL FLOOR FLEX FLG FM FND FPH FPM FPS FT	P PC PCD PEP PPGP PI P/L POB PUSH ON JOINT PP PR PRESS PROJ PROP PRVC PSF PSI PT PVC PWT PWR
B BFP BL BLDG BLVD BM BND BOW BOC BOT BRG BS BV	BACKFLOW PREVENTER BASELINE BUILDING BOULEVARD BENCH MARK BOUNDARY BLOWOFF BACK OF CURB BOTTOM BEARING BOTTOM OF SLOPE BUTTERFLY VALVE	G GA GAL GALV GM GPD GPH GPM GPS GR GRD GSP GV GV&B GW GWT	Q FLOW RATE R R RCP RCPA RD RDY RED REF REINF RECD REV RPM RST RV R/W RWM
C CAP CB CC CEM CF CFM CFS C&G CI CIP CJ C/L CLP CLR CLS CM CMP CMPA CND CO COL COMP CONC CONN CONST CONT COORD COR CPLG CPL CS CTG CTR CTV CULV CY CYL	CAPACITY CATCH BASIN CENTER TO CENTER CEMENT CUBIC FEET CUBIC FEET PER MINUTE CUBIC FEET PER SECOND CURB AND GUTTER CAST IRON CAST IRON PIPE CONSTRUCTION JOINT CENTER LINE CONCRETE LIGHT POLE CLEAR/CLEARANCE CLASS CONCRETE MONUMENT CORRUGATED METAL PIPE CORRUGATED METAL PIPE ARCH CONDUIT COUNTY CLEANOUT COLUMN ID COMPLETE CONCRETE CONNECTION CONSTRUCT(ION) CONTINUOUS COORDINATE(S) CORNER CORNER COUPLING CONCRETE POWER POLE CONTROL STRUCTURE COATING CENTER CABLE TELEVISION CULVERT CUBIC YARD CYLINDER	H HB HDPE HDW HOA HORIZ HP HR HT HW HWL HWN HYD	S S SAN SPLASH BLOCK SCH SD SE SE SEC SECTION SHEET SHGWT SIMILAR S/L SL SPEC SQ SQ IN SQ FT SQ YD SP SS ST STATION STD STL STR STS SUP SUSPEND/SUSPENSION SVC SW SWK SYM SYS
D DBL DEG OR DEFL DEPT DET DHWL DI DIA DIAG DIM DIP DISCH DIST DMH DN DRN DWG DWY	DOUBLE DEGREE DEFLECT(ION) DEPARTMENT DETAIL DESIGN HIGH WATER LEVEL DUCTILE IRON DIAMETER DIAGONAL DIMENSION DUCTILE IRON PIPE DISCHARGE DISTANCE DROP MANHOLE DOWN DRAIN DRAWING DRIVEWAY	I I-4 IA ID IF IN INCHES INLET INS INST IRON PIPE IR INT INV	T T TB TAB TBM TC TD TDH TECH TEMP TL TOB TOC TOS TOT TS TWP TYP
E EA EC ED EF EFF EG E/L ELB ELEC ELEV ELLIP ENC ENG EOP EQ EQUIP EQUIV ESMT EST EW EXC EXIST EXP EXT	EAST EACH EDGE OF CONCRETE ENERGY DISSIPATOR EACH FACE EFFLUENT EXISTING GRADE EASEMENT LINE ELBOW ELECTRIC ELEVATION ELLIPSE/ELLIPTICAL ENCASMENT ENGINEER(ING) EDGE OF PAVEMENT EQUAL/EQUATION EQUIPMENT EQUIVALENT EASEMENT ESTIMATE EACH WAY ENDWALL EXCAVATE/EXCAVATION EXISTING EXPAND/EXPANSION EXTEND/EXTENSION	M MAINT MATL MAX MECH ME MFR MGD MH MHC MHWL MIN MISC MJ MLP MLWL MON MPH MSL MTG	U UD UG UON UTC V VB VC VCP VERT VPC VPI VPT W W W/ WM W/O WP WPP WS WSWT WT WV WWF WWM
N NAWTH N N/A N&C NE NE NIC NO OR # NOM NTS NW NWL	NORTH NORTH NOT APPLICABLE NAIL AND CAP NORTHWEST NATURAL GROUND NOT IN CONTRACT NUMBER NOMINAL NOT TO SCALE NORTHWEST NORMAL WATER LEVEL	O OC OD OE OPNG OPP ORCP OS OVFL OVHD	Y YD YR MISC AND AT DELTA

EXISTING SYMBOLS

	CENTER LINE		BUILDING LINE
	WIRE FENCE		CONTOURS
	CHAIN LINK FENCE		RAILROAD TRACKS
	WOOD FENCE		GAS MAIN
	GUARDRAIL		UNDERGROUND ELECTRIC
	EXISTING PLATS		UNDERGROUND TELEPHONE
	RETAINING WALL		OVERHEAD ELECTRIC
	RIGHT-OF-WAY LINE		OVERHEAD TELEPHONE
	SHORELINE		UNDERGROUND CABLE TELEVISION
	SWALE		EASEMENT

SANITARY

	SANITARY SEWER LINE		FORCE MAIN
	CLEANOUT		MANHOLE

WATER & REUSE WATER

	WATER MAIN DIP PIPE		WATER VALVE
	REUSE WATER MAIN		FIRE HYDRANT
	BACKFLOW PREVENTOR		WATER METER

STORM DRAIN

	STORM SEWER		FDOT TYPE 1 INLET
	MANHOLE		FDOT TYPE 2 INLET
	MITERED END		FDOT TYPE 3 INLET
	STORM INLET		FDOT TYPE 4 INLET
	FDOT TYPE 6 INLET		FDOT TYPE 5 INLET

HIGHWAY & UTILITIES

	BENCHMARK		GUY POLE		BRICK PAVERS
	RECOVERED 4x4 CM		WOOD UTILITY POLE		DIRT ROAD
	SET 4x4 CM		CONCRETE UTILITY POLE		8" MAPLE TREE
	SET IRON ROD		ELECTRIC MANHOLE		8" OAK TREE
	RECOVERED IRON ROD		TELEPHONE MANHOLE		8" PINE TREE
	CONCRETE		TELEPHONE RISER		8" PALM TREE
	COUNTY ROADS		ELECTRIC BOX / TRANSFORMER		8" MISC. TREE
	INTERSTATE ROADS		WELL		
	STATE ROADS		MONITORING WELL		
	WOOD AND/OR METAL LIGHT POLE		DUMPSTER		
	CONCRETE LIGHT POLE		RR CROSSING SIGN		
	YARD LIGHT		RR CROSSING GATE		
	MISCELLANEOUS SIGN		TRAFFIC SIGNAL POLE		
	SECTION CORNER		SATELLITE DISH		
	EDGE OF PAVEMENT W/O CURB		GUY WIRE		
	EDGE OF PAVEMENT W/CURB		HANDICAP PARKING		
			SPOT ELEVATION		

PROPOSED SYMBOLS

	PROPERTY LINE		STORM DRAIN
	CONSERVATION SETBACK		100 LF STS 24 HDPE @ 0.20%
	CENTER LINE		100 LINEAR FEET STORM PIPE
	CHAIN LINK FENCE		24" HIGH DENSITY POLYETHYLENE PIPE @ 0.20%
	CONTOUR		UNDERDRAIN 6" HDPE PIPE
	EASEMENT		DRAINAGE FLOW DIRECTION
	FENCE		FDOT INLET TYPE 1
	GUARDRAIL		FDOT INLET TYPE 2
	LOT LINE		FDOT INLET TYPE 3
	RETAINING WALL		FDOT INLET TYPE 4
	RIGHT-OF-WAY LINE		FDOT INLET TYPE 5
	SETBACK LINE		FDOT INLET TYPE 6
	SHORELINE		MANHOLE
	SWALE		MITERED END SECTION
	TREE LINE		SLOPE DIRECTION ARROW FOR POND SIDE SLOPE
			SPOT ELEVATION
			STORM INLET

SANITARY

	100 LF SAN 8 PVC 0.40%		100 LINEAR FEET SANITARY 8" PVC PIPE @ 0.40% SLOPE
	CLEANOUT		DOUBLE SANITARY SERVICE
	FORCE MAIN PVC PIPE		MANHOLE

WATER & REUSE WATER

	WATER MAIN PVC PIPE		BOUND CORNER
	11 1/2" BEND		CONCRETE
	22 1/2" BEND		COUNTY ROADS
	45" BEND		DETAIL REFERENCE
	90" BEND		DUMPSTER
	TEE		FINISHED FLOOR ELEVATION W/ FHA LOT TYPE
	CROSS		GUY POLE
	CHECK VALVE		HANDICAP PARKING
	DOUBLE DETECTOR CHECK VALVE		INTERSTATE ROADS
	DOUBLE WATER SERVICE		LIGHT POLE
	GATE VALVE		SIGNS
	FIRE HYDRANT		SECTION CORNER
	METER		STATE ROADS
	REDUCER		SILT FENCE
	BLOWOFF		TRAFFIC FLOW PAVEMENT MARKING
	BACKFLOW PREVENTER		UTILITY POLE
	SAMPLE POINT		BLDG OR STRUCTURE
	CEANOUT		TYPE F CURB & GUTTER
	RECLAIM WATER MAIN		MIAMI CURB
	DOUBLE RECLAIM WATER SERVICE		CROSS SECTION DETAIL

MADDEN
WOODHEAD & STOKES, LLC
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Suite 260
Maitland, Florida 32751
(407) 629-8330

SYMBOLS AND ABBREVIATIONS

FOR

SUMMIT PLACE

CITY OF DELAND

FLORIDA

DR. HORTON

10193 DOWNEY ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BECKHAM, No. 19452

STATE OF FLORIDA

DATE: 02/20/23

CERTIFICATE OF AUTHORIZATION NO. CA-0007723

NO.	DATE	REVISIONS
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		

JOB # 21086

DATE: 02/20/23

SCALE: N/A

DESIGNED BY: JTT

DRAWN BY: JTT

APPROVED BY: BSB

GENERAL NOTES

- ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE LATEST LOCAL AGENCY DETAILS, THE FOOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED IN 1981 BY THE STATE OF FLORIDA, AND ALL SUPPLEMENTS THERETO, AND THE FOOT "STANDARD PLANS" WHICHEVER IS MORE STRINGENT.
- ALL FOOT DESIGN INDICES ARE HEREBY INCORPORATED AS PLAN REFERENCES HEREIN. CONTRACTOR IS RESPONSIBLE FOR OBTAINING COMPLETE COPIES OF ALL APPLICABLE INLET DRAWINGS AND CONSTRUCTING ALL WORKS IN CONFORMANCE WITH THE FOOT STANDARD PLANS, LATEST EDITION.
- THE LOCATIONS OF EXISTING UTILITIES SUCH AS WATER MAINS, SEWER MAINS, GAS LINES, ETC., AS SHOWN ON THE PLANS, WITH THE EXCEPTION OF THE LOCATIONS OF EXISTING UTILITIES AT ALL POINTS OF CONNECTION TO AND AT ALL AREAS OF CONFLICT WITH UTILITY PROVIDER MAINS, WHICH HAVE BEEN FIELD VERIFIED, HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. HOWEVER, THE ENGINEER AND OWNER DO NOT ASSUME RESPONSIBILITY FOR THE SIZES AND LOCATIONS SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE SIZE AND LOCATION OF ALL EXISTING UTILITIES SHOWN AND NOT SHOWN ON THESE PLANS.
- IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR(S) TO ENSURE THAT ALL REQUIRED PERMITS ARE OBTAINED AND ARE IN HAND AT THE JOB SITE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR SHALL ABIDE BY ALL CONDITIONS CONTAINED THEREIN, PERMITS INCLUDED (BUT NOT NECESSARILY LIMITED TO) ARE:
 - ACOE NATIONWIDE OR INDIVIDUAL DREDGE AND FILL
 - FDEP WATER SOIL DISTRIBUTION
 - FDEP SANITARY SEWER COLLECTION AND TRANSMISSION
 - FDEP REUSE
 - FDEP DREDGE AND FILL
 - FDEP NPDES GENERIC PERMIT FOR STORMWATERDISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES
 - FDEP DRIVEWAY CONNECTION
 - FDEP WATER SOIL DISTRIBUTION
 - FDEP STORMWATER DISCHARGE CONNECTION
 - FLORIDA FISH AND WILDLIFE CONSERVATION COMMISSION PERMIT FOR IMPACTS TO PROTECTED SPECIES
 - LOCAL RIGHT OF WAY USE
 - LOCAL UNDERGROUND UTILITIES
 - WATER MANAGEMENT DISTRICT CONSUMPTIVE USE FOR CONSTRUCTION Dewatering (CWP)
 - WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT (ERP)
- CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL SETBACKS AND EASEMENTS BEFORE BEGINNING CONSTRUCTION.
- BENCHMARKS AND OTHER REFERENCE POINTS SHALL BE CAREFULLY MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. IF DISTURBED OR DESTROYED, THESE POINTS SHALL BE REPLACED BY A LICENSED FLORIDA PROFESSIONAL LAND SURVEYOR (P.L.S.) AT CONTRACTOR'S EXPENSE.
- DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HEREON, WHETHER ABOVE, ON, OR BELOW THE SURFACE OF THE GROUND, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER. ENGINEER HAS RELIED ON THE GEOLOGICAL EXPENSES INCURRED BY THE CONTRACTOR DUE TO DIFFERING SITE CONDITIONS WILL BE ALLOWED IF CONTRACTOR CAN PROVIDE THE REQUIRED WRITTEN NOTIFICATION OF SUCH CONDITIONS TO THE ENGINEER AND OWNER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEMOLITION AND REMOVAL OF ALL EXISTING STRUCTURES, ETC., UNLESS OTHERWISE NOTED. ALL SOIL STRIPPING AND ANY UNSUITABLE MATERIAL SHALL BE REMOVED FROM THE SITE AND DISPOSED OF BY THE CONTRACTOR UNLESS OTHERWISE DIRECTED BY THE OWNER.
- THE CONTRACTOR SHALL PROTECT ALL EXISTING STRUCTURES AND UTILITIES NOTED TO REMAIN FROM DAMAGE OR DISPLACEMENT DURING CONSTRUCTION. IN THE EVENT OF SUCH DAMAGE OR DISPLACEMENT, CONTRACTOR SHALL BE RESPONSIBLE FOR THE ENGINEER AND THE UTILITY COMPANY. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL COSTS INCURRED TO REPAIR DAMAGE OR CORRECT DISPLACEMENT.
- CONTRACTOR SHALL BE EXTREMELY CAUTIOUS WHEN WORKING NEAR TREES WHICH ARE TO BE REMOVED. WHEN REMOVING TREES, CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTRACTOR SHALL BECOME FAMILIAR WITH AND CONFORM WITH ALL TREE PROTECTION/PRESERVATION PROVISIONS OF THE PRELIMINARY SUBDIVISION PLAN / DEVELOPMENT PLAN AND LOCAL GOVERNMENT. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT AND MITIGATION COSTS FOR ANY TREES REMOVED THAT WERE DESIGNATED TO BE PRESERVED.
- WHEN DETAILS ARE PROVIDED, CONTRACTOR SHALL CONSTRUCT JOB PER SPECIFIC DETAILS, AND NOT BY SCALING FROM THESE PLANS.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ANY REQUIRED TRAFFIC CONTROL PLANS. ALL WORK SHALL BE EXECUTED UNDER THE ESTABLISHED PLAN AND FOOT, AND LOCAL AGENCY APPROVED PROCEDURES.
- THE CONTRACTOR SHALL RESTORE OFF SITE CONSTRUCTION AREAS TO EQUAL OR BETTER CONDITION THAN EXISTING PRIOR TO COMMENCEMENT OF CONSTRUCTION. INVENTS SUBMITTED TO AND APPROVED BY THE LOCAL AGENCY'S ENGINEER.
- AS-BUILT DRAWINGS SHALL BE KEPT BY THE CONTRACTOR AND SUBMITTED TO THE PROJECT ENGINEER UPON PROJECT COMPLETION.
- CONTRACTOR SHALL COMPLY WITH ALL LOCAL AGENCY REQUIREMENTS FOR INSPECTION AND TESTING.
- ALL NEW UTILITIES AND UPGRADED UTILITIES PROVIDED TO OR ON THE SITE MUST BE INSTALLED UNDERGROUND.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RESTORATION OF ANY TRAFFIC SIGNAL EQUIPMENT INCLUDING, BUT NOT LIMITED TO FIBER LOOP SENSORS, PULL BOXES, CONDUIT TRAFFIC SIGNALS, AND CABINETS, ANY ITEMS DAMAGED BY THE CONTRACTOR SHALL BE RESTORED TO THEIR ORIGINAL CONDITIONS UNLESS OTHERWISE AGREED UPON BY THE COUNTY TRAFFIC ENGINEER.
- ALL CONSTRUCTION MUST BE IN ACCORDANCE WITH UTILITY PROVIDER'S STANDARDS AND CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
- CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES OF PROPOSED START OF WORK IN ACCORDANCE WITH THEIR STANDARD REQUIREMENTS, INCLUDING BUT NOT LIMITED TO WATER, RECLAIMED WATER, SEWER, POWER, TELEPHONE, GAS AND CABLE TV COMPANIES.
- PRIOR TO COMMENCEMENT, CONTRACTOR SHALL PROVIDE ENGINEER WITH CONSTRUCTION SCHEDULE FOR VARIOUS SITE WORK ELEMENTS SO THAT PERIODIC SITE VISITS MAY BE COORDINATED TO ENSURE TIMELY CERTIFICATION OF COMPLETION TO AGENCIES AND AVOID DELAYS IN ISSUANCE OF CERTIFICATES OF OCCUPANCY/COMPLETION.
- ALL RECOMMENDATIONS AND REQUIREMENTS OF INSPECTION PERSONNEL OTHER THAN OWNER/OWNER'S REPRESENTATIVE SHALL BE REPORTED TO ENGINEER/OWNER/OWNER'S REPRESENTATIVE PRIOR TO IMPLEMENTATION. COMPENSATION WILL NOT BE ALLOWED FOR WORK THAT IS NOT AUTHORIZED BY ENGINEER/OWNER/OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL CONFIRM COMPATIBILITY OF PIPE SIZES AND INVERTS DURING SHOP DRAWING AND MATERIALS ORDERING PHASE OF PROJECT AND ADVISE ENGINEER OF ANY DISCREPANCIES.
- NO EXISTING MATERIAL SHALL BE USED IN NEW CONSTRUCTION UNLESS APPROVED DURING THE SHOP DRAWING APPROVAL PROCESS BY ENGINEER/OWNER/OWNER'S REPRESENTATIVE IN WRITING.
- CONTRACTOR SHALL STAKE ALL IMPROVEMENTS USING THE PLATS(S), GRID CENTERLINE GEOMETRY, AND BUILDING COORDINATES PROVIDED IN THESE PLANS. CONTRACTOR SHALL CONFIRM WITH THE ENGINEER THAT THE PLAT IS CURRENT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL CONFIRM THE BUILDING DIMENSIONS SHOWN HEREIN WITH THOSE IN THE FINAL ARCHITECTURAL DRAWINGS PRIOR TO STAKEOUT. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLETELY STAKE AND CHECK ALL IMPROVEMENTS TO ENSURE ADEQUATE POSITIONING, BOTH HORIZONTAL AND VERTICAL, INCLUDING MINIMUM BUILDING SETBACKS PRIOR TO THE INSTALLATION OF ANY IMPROVEMENT.

PAVING AND DRAINAGE

- THE CONTRACTOR SHALL CONSTRUCT PAVEMENT IN ACCORDANCE WITH TYPICAL PAVEMENT SECTIONS AND LOCAL AGENCY SPECIFICATIONS. THE FINISHED PAVEMENT GRADES SHALL CONFORM TO THOSE SPECIFIED ON THE GRADING PLAN.
- FLORIDA LAW (F.S. 553.85) PROTECTION OF UNDERGROUND PIPELINES MANDATES THAT "NO EXCAVATOR SHALL COMMENCE OR PERFORM ANY EXCAVATION IN ANY PUBLIC OR PRIVATE STREET, ALLEY, RIGHT-OF-WAY DEDICATED TO THE PUBLIC USE, OR GAS UTILITY EASEMENT WITHOUT FIRST OBTAINING INFORMATION CONCERNING THE POSSIBLE LOCATION OF GAS PIPELINES IN THE AREA OF THE PROPOSED EXCAVATION." THIS INCLUDES ANY OPERATION UTILIZING HAND TOOLS OR POWER TOOLS WHICH MOVES OR REMOVES ANY STRUCTURE, EARTH, ROCK, OR OTHER MASS OF MATERIAL BY SUCH METHODS AS DIGGING, BACKFILLING, DEMOLITION, GRADING, DITCHING, DRILLING, BORING AND CABLE PLACING. THE EXCAVATOR MUST NOTIFY THE GAS UTILITY A MINIMUM OF 48 HOURS AND A MAXIMUM OF 5 DAYS PRIOR TO EXCAVATING (EXCLUDING SATURDAYS, SUNDAYS, AND LEGAL HOLIDAYS).
- EXCAVATION, PAVING, AND STORM SEWER WORK SHALL BE DONE IN ACCORDANCE WITH FOOT "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, AND LOCAL AGENCY SPECIFICATIONS.
- UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATIONS AT PROPERTY LINES. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE OF THE SITE TO THE RETENTION PONDS AS SHOWN BY PROPOSED GRADES AND FLOW ARROWS.
- DURING CONSTRUCTION, THE CONTRACTOR SHALL PROVIDE ADEQUATE DRAINAGE AND PROPER SOIL EROSION CONTROL MEASURES FOR PROTECTION OF ALL DRAINAGE AND SEWER STRUCTURES AND AT ALL ADJACENT LANDS AND ROADS.
- THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY AND ALL GEOTECHNICAL REPORTS PREPARED FOR THE SITE. GEOTECHNICAL RECOMMENDATIONS ARE NOT THE RESPONSIBILITY OF ENGINEER. ENGINEER HAS RELIED ON THE GEOLOGICAL REPORT(S) IN PREPARATION OF THE DRAWINGS. ANY CONFLICT BETWEEN INFORMATION IN THE REPORT AND THESE DRAWINGS SHALL BE REPORTED TO ENGINEER/OWNER/OWNER'S REPRESENTATIVE. ENGINEER ASSUMES NO RESPONSIBILITY FOR THE CORRECTNESS, COMPLETENESS, OR ACCURACY OF GEOTECHNICAL INFORMATION.
- THE SITE SHALL BE CLEARED OF ALL TREES EXCEPT THOSE WHICH ARE DESIGNATED TO REMAIN. NEW OR RELOCATED, BEFORE CONSTRUCTION, THE CONTRACTOR SHALL MEET AT THE SITE WITH THE OWNER. AT THAT TIME, ANY TREES TO BE SAVED SHALL BE POINTED OUT AND TAGGED. THESE TREES SHALL BE PROTECTED FROM DAMAGE.
- THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE SUPERVISING ENGINEER IF A PAVEMENT OR FOUNDATION SHALE IS DISTURBED.
- THE CONTRACTOR SHALL INSTALL DROP CURBS AND HANDICAP RAMPS AT ALL INTERSECTIONS OF THE SIDEWALK WITH THE PROPOSED PAVEMENT, UNLESS OTHERWISE SPECIFIED.
- FOR HORIZONTAL AND VERTICAL CLEARANCES BETWEEN STORM PIPES AND WATER MAINS/SERVICES, SEE WATER NOTES ON THIS SHEET AND FDEP SEPARATION TABLE ON UTILITY PLAN.
- ALL PUBLIC STORM PIPE MATERIALS SHALL BE REINFORCED CONCRETE PIPE (RCP) ASTM C-76 CLASS III, UNLESS OTHERWISE SPECIFIED. LIFTING HOLES ARE PROHIBITED.
- ALL PRIVATE STORM PIPE MATERIALS SHALL BE AS FOLLOWS:
 - 12.1. DIAMETERS LESS THAN OR EQUAL TO 12-INCH SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) CONVEYING RECLAIMED WATER SHALL BE 12-INCH.
 - 12.2. DIAMETERS GREATER THAN OR EQUAL TO 15-INCH SHALL BE HIGH PERFORMANCE POLYPROPYLENE (HP) PIPE.
- MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- ALL STORM SYSTEM MANHOLE AND INLET STRUCTURES SHALL BE PRECAST CONCRETE.
- THE CONTRACTOR SHALL USE CONCRETE WITH A MINIMUM 28 DAY STRENGTH OF 3,000 P.S.I..
- ALL SIDEWALK WIDTHS SHALL BE AS NOTED ON THE SITE PLAN AND SHALL HAVE 1-INCH DEEP CONSTRUCTION JOINTS EVERY 5-FEET AND AN EXPANSION JOINT EVERY 20-FEET (MINIMUM). MAXIMUM SIDEWALK CROSS SLOPES SHALL BE 2.00% AND MAXIMUM SIDEWALK RUNNING SLOPES SHALL BE 5.00% EXCEPT AT RAMP LOCATIONS. MAXIMUM RAMP SLOPES SHALL BE 8.33%.
- PROVIDE FOOT PATH III SILT FENCE ALONG THE PROPERTY LINES AND PHASE LINES AS WELL AS ANY CONSTRUCTION WITHIN THE OTHER PHASES THAT IS DEEMED NECESSARY.
- ALL TEST REPORTS GENERATED BY A TESTING FIRM ARE TO HAVE COPIES SENT DIRECTLY TO THE LOCAL AGENCY AS THEY ARE GENERATED. CLEARANCE FROM THE LOCAL AGENCY SHALL BE RECEIVED PRIOR TO PAVING.
- THE BASE COURSE SHALL NOT BE CONSTRUCTED UNTIL AFTER SUBGRADE CONSTRUCTION HAS BEEN COMPLETED AND REQUIRED SUBSURFACE TEST RESULTS HAVE BEEN SUBMITTED TO AND APPROVED BY THE LOCAL AGENCY'S ENGINEER.
- THE FINISHED BASE COURSE SHALL BE PRISMED WITHOUT DELAY, PROTECTED FROM HEAVY TRAFFIC, AND CONTINUOUSLY MAINTAINED FREE OF DAMAGE UNTIL THE WEAR SURFACE IS APPLIED. ALL BAD AREAS SHALL BE CUT OUT AND REPLACED PRIOR TO APPLYING WEARING SURFACE.
- ASSUMING ACCELERATED CURING, THE WEARING SURFACE SHALL BE APPLIED NO SOONER THAN SEVEN (7) DAYS AND NO LATER THAN THIRTY (30) DAYS AFTER BASE COMPLETION.
- ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED IN FILTER FABRIC.
- ROADWAY MARKING, STRIPING, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITION, AND ANY LOCAL AGENCY ADDENDUMS, AS PUBLISHED BY THE USDOT FEDERAL HIGHWAY ADMINISTRATION AS WELL AS FOOT AND LOCAL AGENCY STANDARDS AND SPECIFICATIONS.
- REGULATORY SIGNS AND MARKINGS SHALL BE IN PLACE PRIOR TO FINAL INSPECTION FOR PAVING AND DRAINAGE IMPROVEMENTS.
- PAVEMENT RETURN RADI SHALL BE MEASURED TO THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.
- POND SLOPES AND BERMS SHALL BE SLOODED TO TWO (2) FEET BELOW THE NORMAL WATER LINE (N.W.L.), IN THE CASE OF DRY BOTTOM PONDS, THE BOTTOM WILL BE SEEDD AND MULCHED UNLESS OTHERWISE SPECIFIED.
- ALL PRECAST DRAINAGE STRUCTURES SHALL HAVE STEEL FRAME, ALL STRUCTURES IN PAVED AREAS TO HAVE STEEL RECTANGULAR GRATES WITH H=20 LOADING.
- CONTRACTOR SHALL NOT COMPACT, STABILIZE, OR CONSTRUCT BASE COURSE WITHIN LANDSCAPE ISLANDS, TRACTS OR MEDIAN. WHERE SUCH TREATMENT DOES OCCUR, IT SHALL BE REMOVED AND REPLACED WITH SUITABLE PLANTING SOLS ACCEPTABLE TO LANDSCAPE ARCHITECT.
- YARD DRAINS SHALL BE NYOPLAST INLINE DRAINS AND DRAIN BASINS, OR APPROVED EQUIV. WITH CAST IRON GRATES AND WATERTIGHT ADAPTER CONNECTIONS. DOME GRATES SHALL BE PROVIDED IN NON-SLOODED AREAS.
- ALL FIRE HYDRANT LOCATIONS SHALL BE MARKED BY PLACING BLUE REFLECTIVE PAVEMENT MARKERS IN THE CENTER OF THE NEAREST TRAVEL LANE.
- MINIMUM LONGITUDINAL SLOPE OF CURB SHALL BE 0.30% UNLESS SPECIFIED OTHERWISE.
- FINISHED FLOOR ELEVATION IS TYPICALLY 8" INCHES ABOVE DESIGN FINISHED GRADE AT OUTSIDE PERIMETER OF BUILDINGS EXCEPT AT ENTRIES AND WHERE OTHERWISE SHOWN.
- CONTRACTOR SHALL REMOVE ALL MUCK DEPOSITS IN CONSTRUCTION AREAS AND AREAS TO BE FILLED. SEE GEOTECHNICAL REPORT.
- DRAINAGE MANHOLES AND INLETS (NOT INCLUDING CURB STRUCTURES) IN THE PLANS ARE IDENTIFIED BY TOP TYPE ONLY. CONTRACTOR SHALL PROVIDE STANDARD DITCH BOTTOM INLET TOPS AND TYPE "J" OR "P" STRUCTURE BOTTOMS, SIZES AS REQUIRED TO ACCOMMODATE PIPE SIZES AND ORIENTATIONS SHOWN. SHOP DRAWINGS SHALL BE SUBMITTED WHICH CLEARLY REPRESENT SUCH DATA.
- CONTRACTOR SHALL STABILIZE AND PROTECT ALL END WALL, MITERED END SECTION, FLARED END SECTION, ETC. STRUCTURES THROUGHOUT THE PROJECT UNTO THE BANK SLOPES OF THE RECEIVING WATER BODY ARE STABILIZED AND ACCEPTED BY OWNER.
- ALL STORM SEWER LINES TO BE TELEVIEWED AND THUMB DRIVE PROVIDED TO THE CITY FOR REVIEW AND ACCEPTANCE.

SANITARY SEWER

- ROOF DRAINS, FOUNDATION DRAINS OR OTHER STORM WATER CONNECTIONS TO THE SANITARY SEWER ARE PROHIBITED.
- GRAVITY SEWER PIPE SHALL BE SDR35 PVC AND SHALL MEET ASTM D3034, UNLESS OTHERWISE SPECIFIED.
- ALL SANITARY SEWER LATERALS SHALL BE 6-INCH DIAMETER PVC AND SHALL END WITH A CLEAN OUT.
- ALL SANITARY SEWER PIPE SHALL BE COLORED GREEN.
- ALL SANITARY SEWER MANHOLES SHALL HAVE A MINIMUM DIAMETER OF 48-INCHES AND A MINIMUM ACCESS DIAMETER OF 22-INCHES.
- MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- FOR HORIZONTAL AND VERTICAL CLEARANCES BETWEEN SANITARY SEWER MAINS/ LATERALS AND WATER MAINS/SERVICES, SEE WATER NOTES ON THIS SHEET AND FDEP SEPARATION TABLE ON UTILITY PLAN.
- WHERE SOIL REPORT INDICATES THE POSSIBILITY OF UNSUITABLE MATERIAL IN THE VICINITY OF SANITARY LINES, THE CONTRACTOR SHALL DETERMINE THE NATURE AND EXTENT OF THIS UNSUITABLE MATERIAL, PREPARE TRENCH, AND INSTALL THE SEWER LINE IN ACCORDANCE WITH ASTM D-2321. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE ENGINEER OF THIS UNSUITABLE MATERIAL.
- THE CONTRACTOR SHALL BE REQUIRED TO PERFORM INFILTRATION OR EXFILTRATION TEST, WHICHEVER IS APPLICABLE. INFILTRATION SHALL NOT EXCEED 50 GALLONS PER DAY PER INCH OF DIAMETER PER MILE OF LENGTH, OR THE COMPUTED EQUIVALENT FOR SHORTER LENGTHS OF TIME. THE CONTRACTOR SHALL MEET ALL REQUIREMENTS, CODES, AND ORDINANCES OF THE WASTEWATER TRANSMISSION AUTHORITY INCLUDING ADVANCED NOTIFICATION PRIOR TO CONSTRUCTION AND TESTING.
- MADDEN, MOORHEAD & STOKES, INC. SHALL BE NOTIFIED A MINIMUM OF FIVE (5) FULL WORKING DAYS PRIOR TO CONSTRUCTION AND TESTING OF THE SANITARY SEWER, PHONE (407)-629-8330.
- THE CONTRACTOR SHALL SUPPLY COMPLETE "AS BUILT" INFORMATION RELATIVE TO INVERTS, RIM ELEVATIONS, LOCATION OF MANHOLES AND LENGTHS OF PIPE. LATERALS SHALL BE LOCATED FROM THE CENTERLINE OF THE NEAREST DOWNSTREAM MANHOLE. THE INFORMATION SHALL BE SUBMITTED ON LEGIBLY MARKED-UP PRINTS TO THE ENGINEER WITHIN TWO (2) WEEKS OF COMPLETION OF SEWER CONSTRUCTION.
- CONTRACTOR SHALL RECEIVE SEWER CERTIFICATION PRIOR TO PLACEMENT OF BASE COURSE.
- MINIMUM SLOPE ON ALL SANITARY SEWER GRAVITY MAINS SHALL BE IN ACCORDANCE WITH UTILITY PROVIDER'S STANDARDS AND CONSTRUCTION SPECIFICATIONS, LATEST EDITION.
- ALL SANITARY SERVICE LOCATIONS SHALL BE MARKED BY CUTTING AN "S" INTO THE CURB.
- MARK RESIDENTIAL LATERALS WITH 6-FOOT HIGH PIECE OF 2"x4" PLANK PAINTED GREEN WITH LOT NUMBER CLEARLY MARKED AND AN "S" IMPRESSED IN THE CURB.
- AIR RELEASE VALVES SHALL BE REQUIRED AT ALL HIGH POINTS ALONG THE FORCE MAIN.
- THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT AN EVEN TRANSITION IS MAINTAINED WHERE ASPHALT PAVING ABANDON VALVE COVERS IN PAVED AREAS. AT EACH OF THESE LOCATIONS THE CONTRACTOR SHALL POUR AN 8-INCH THICK CONCRETE APRON AROUND THE MANHOLE/VALVE COVER A MINIMUM OF 4'x4' AT MANHOLES, AND 2'x2' AT VALVE COVERS LEVEL WITH THE FINAL FILL OF ASPHALT.
- PIPE LENGTHS SHOWN REPRESENT SCALED DISTANCES BETWEEN MANHOLE CENTERLINE.
- INVERTS OF SANITARY SEWER LATERALS AT THEIR CONNECTION TO SANITARY MANHOLES SHALL BE NO MORE THAN ONE (1) FOOT ABOVE THE MANHOLE INVERT.
- PRIOR TO PAVING, CONTRACTOR SHALL VERIFY THE AS-BUILT SANITARY SEWER PIPE SLOPES. MINIMUM SLOPES SHALL BE IN ACCORDANCE WITH THE GREATER OF FDEP OR THE UTILITY PROVIDER'S MINIMUM CRITERIA. ANY LINE NOT MEETING MINIMUM SLOPES SHALL BE RELAYED BY CONTRACTOR TO MEET THE MINIMUM SLOPE REQUIREMENT AT NO ADDITIONAL COST.
- MANHOLE LIFT HOLES AND GRADE ADJUSTMENT RINGS SHALL BE SEALED WITH NON-SHRINKING MORTAR OR OTHER APPROPRIATE MATERIAL.
- INLET AND OUTLET PIPES SHALL BE JOINED TO THE MANHOLE WITH A GASKETED FLEXIBLE WATER-TIGHT CONNECTION OR ANOTHER WATER-TIGHT CONNECTION ARRANGEMENT THAT ALLOWS DIFFERENTIAL SETTLEMENT OF THE PIPE AND MANHOLE WALL.
- WATER-TIGHT MANHOLE COVERS SHALL BE USED WHEREVER THE MANHOLE TOPS MAY BE FLOODED BY STREET RUNOFF OF HIGH WATER.
- ALL PVC FORCE MAINS SHALL BE CLASS 200, SDR 21, COLOR GREEN, WITH A GREEN MAGNETIC TAPE A MIN. OF 2" WIDE, PLACED 1' FOOT BELOW THE PROPOSED GRADE. THE PRINTING ON THE MAGNETIC TAPE SHOULD READ "FORCE MAIN".
- ALL DUCTILE IRON PIPE SHALL BE PRESSURE CLASS 350 IN ACCORDANCE WITH ANSI A 215-91 (AWWA C151). DUCTILE IRON PIPE SHALL RECEIVE EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH 21-51 (AWWA C151) AND BE CEMENT MORTAR LINED, STANDARD THICKNESS IN ACCORDANCE WITH ANSI 21.4 (AWWA C104).
- ALL SANITARY SEWER GRAVITY MAINS OR SANITARY SEWER FORCE MAINS THAT REQUIRE DUCTILE IRON PIPE ARE TO BE POLYUNED OR EPOXY LINED.
- LOCATE BALLS NEED TO BE INSTALLED ON SEWER LATERALS.
- ALL SEWER MAIN TO BE AIR TESTED.

WATER

- ALL MATERIALS AND CONSTRUCTION REQUIREMENTS FOR THE FIRE SERVICE, WATER LINES, CHECK VALVES, BACKFLOW PREVENTERS, GATE VALVES, ETC., SHALL BE IN ACCORDANCE WITH LOCAL AGENCY STANDARD SPECIFICATIONS AND STANDARDS.
- ALL CONSTRUCTION AND MATERIALS SHALL BE IN COMPLIANCE WITH AWWA STANDARDS AND IN ACCORDANCE WITH LOCAL AGENCY STANDARDS.
- ALL PUBLIC WATER SYSTEM COMPONENTS, EXCLUDING FIRE HYDRANTS, THAT WILL BE INSTALLED UNDER THIS PROJECT AND THAT WILL COME INTO CONTACT WITH DRINKING WATER THROUGH 12-INCH AND CONFORM TO ANSI/AWWA C150/A21.50 (LATEST EDITION). ALL DUCTILE IRON PIPE SHALL HAVE CEMENT MORTAR LINING AS SPECIFIED IN ANSI/AWWA C104/A21.4 (LATEST EDITION). PIPE JOINTS SHALL BE OF THE PUSH-ON RUBBER GASKET TYPE CONFORMING TO ANSI/AWWA C111/A21.11 (LATEST EDITION).
- CONTRACTOR SHALL VERIFY SIZE AND TYPE OF EXISTING MAIN PRIOR TO ORDERING TAPPING MATERIALS FOR TE-INCS.
- SITE CONTRACTOR SHALL COORDINATE AND VERIFY ALL UTILITY SERVICES WITH FINAL ARCHITECTURAL DRAWINGS AND BUILDING CONTRACT.
- SITE UTILITY WORK SHALL TERMINATE 5-FEET FROM BUILDINGS UNLESS OTHERWISE STATED.
- MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- THE WATER MAIN SHALL BE LOCATED ABOVE THE STORMWATER AND SANITARY MAINS AT CONFLICTS, WHERE POSSIBLE.
- VERTICAL SEPARATION BETWEEN UNDERGROUND POTABLE WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES:
 - 9.1. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE SANITARY PIPE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
 - 9.2. NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWER TREATMENT AND DISPOSAL SYSTEMS:
 - 10.1. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM SEWER, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-810, F.A.C.
 - 10.2. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET AND, PREFERABLY, TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORM SEWER, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-810, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE THREE FEET BETWEEN THE BOTTOM OF THE WATER MAIN AND LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.
 - 10.4. NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST TEN FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND ALL PARTS OF ANY EXISTING OR PROPOSED ON-SITE SEWER TREATMENT AND DISPOSAL SYSTEM AS DEFINED IN SECTION 390.00(2)(a), F.S., AND RULE 6A-6.002, F.A.C.
- AT THE UTILITY CROSSINGS DESCRIBED IN NOTES 8 AND 9 ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN PIPE SHALL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN WATER-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-810, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-810, F.A.C.
- WATER LINES 4-INCH TO 12-INCH IN DIAMETER SHALL BE NSF L000 PVC PIPE CONFORMING TO AWWA C-900 AND BE DR-18.
- ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) OR GRAY IRON MECHANICAL JOINTS WITH A MINIMUM PRESSURE RATING OF 150 PSI. CONFORMING TO ANSI A-21.2 (AWWA C-110, OR D.I. COMPACT FITTINGS FOR DIAMETERS 4-INCH TO 12-INCH CONFORMING TO ANSI A-2153 / J. COMPACT C-153).
- FROM THE POINT OF SERVICE (P.O.S.) FORWARD AS DESIGNATED BY F.S. 633, FIRE SURVEY PIPE SHALL BE INSTALLED UNDER THE ROADWAY AND SHALL BE 12-INCH DIAMETER.
- GATE VALVES SHALL CONFORM TO AWWA C-509-87, WITH WRENCH NUT EXTENSION STEMS AND OTHER APPURTENANCES AS REQUIRED AND SHALL BE IRON BODY, FULL BORE, FLANGE MOUNTED, DOUBLE DISK, PARALLEL SEAT, NON-RISING STEM VALVES WITH O-RING SEALS AND TWO CONNECTIONS AS CALLED. ALL TEES, CAPS, FLANGES, BENDS, VALVES, ETC., SHALL BE PROVIDED WITH GRP RING RESTRAINTS.
- ALL NON-METALLIC WATER MAINS SHALL BE INSTALLED WITH A CONTINUOUS, INSULATED 10 GAUGE COPPER WIRE INSTALLED DIRECTLY ON TOP OF THE PIPE FOR LOCATION PURPOSES. IN ADDITION, ALL PVC WATER MAINS SHALL BE A SAID BLUE COLOR. ALL LETTERING SHALL BE APPLIED LEGIBLY ON PIPE AND SHALL RUN THE ENTIRE LENGTH OF THE PIPE. LETTERING SHALL READ AS IS ACCEPTABLE TO THE UTILITY ENGINEER.
- SERVICE MAINS FOR FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 24, LATEST EDITION.
- NEW FIRE HYDRANTS SHALL BE INSTALLED SO THAT 5'-1/4" INCH PIPE IS FACING THE ROADWAY BY WHICH IT IS ACCESSSED. HYDRANTS SHALL BE POSITIONED NOT MORE THAN 5 FEET AWAY FROM THE CURB OR SIDEWALK.
- HYDROSTATIC TESTING AND THE DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL BE DONE IN ACCORDANCE WITH AWWA STANDARDS. HYDROSTATIC TESTING TO BE DONE IN ACCORDANCE WITH AWWA C-800 FOR DUCTILE IRON PIPE AND C-805 FOR PVC PIPE. DISINFECTION AND BACTERIOLOGICAL EVALUATION TO BE DONE IN ACCORDANCE WITH AWWA C-851 AND RULE 62-555.340 F.A.C.
- THE CONTRACTOR SHALL SUPPLY COMPLETE AS-BUILT INFORMATION RELATIVE TO LOCATION AND ELEVATION OF ALL WATER LINES AND SERVICES. THE INFORMATION SHALL BE SUBMITTED ON LEGIBLY MARKED-UP PRINTS TO THE ENGINEER WITHIN TWO (2) WEEKS OF THE COMPLETION OF THE WATER LINE CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE ALL UTILITIES SYSTEMS TEST SCHEDULING TO ALLOW ENGINEER'S ATTENDANCE PROVIDING MINIMUM NOTICE OF FIVE (5) WORKING DAYS. CONTRACTOR'S FAILURE TO PROPERLY NOTIFY ENGINEER MAY RESULT IN RETESTING AT ENGINEER'S OPTION AND AT CONTRACTOR'S EXPENSE.
- NEW HYDRANTS SHALL BE TESTED AND IN PROPER WORKING ORDER WITH UTILITY PROMOTION/STATION SUPPLIED TO THE FIRE MARSHAL PRIOR TO ANY COMBUSTIBLE CONSTRUCTION, I.E. FIRE FLOW TEST SHALL BE PERFORMED.
- DEFLECTIONS AT PIPE JOINTS SHALL NOT EXCEED THE LESSOR OF THOSE RECOMMENDED BY THE PIPE MANUFACTURER OR UTILITY PROVIDER'S CONSTRUCTION SPECIFICATIONS.
- ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR CODED IN ACCORDANCE WITH SUB PARAGRAPH 62-555.320(2)(b)(3), F.A.C. USING BLUE AS A PREDOMINANT COLOR. ALL DUCTILE IRON WATER MAINS SHALL BE MARKED WITH A CONTINUOUS STRIPE LOCATED WITHIN THE TOP 90 DEGREES OF THE PIPE. SAID STRIPE SHALL BE A MINIMUM 2 INCHES IN WIDTH AND SHALL BE BLUE IN COLOR. BACKFILL SHALL NOT BE PLACED FOR 30 MINUTES FOLLOWING PAINT APPLICATION FOR PIPE WITH AN INTERNAL DIAMETER OF 24" OR GREATER. TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES A LONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE.
- MARK RESIDENTIAL SERVICES WITH 6-FOOT HIGH PIECE OF 2"x4" PLANK PAINTED BLUE WITH LOT NUMBER CLEARLY MARKED AND A "W" IMPRESSED IN THE CURB. IT IS THE INTENT THAT EVERY LOT IS PROVIDED WITH A WATER SERVICE; THEREFORE IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSTALL A WATER SERVICE TO EACH LOT.
- PIPE MATERIALS:
 - PVC - ALL PIPE, PIPE FITTINGS, PIPE JOINT PACKING AND JOINTING MATERIALS, VALVES, FIRE HYDRANTS, AND METERS INSTALLED UNDER THIS PROJECT SHALL CONFORM TO APPLICABLE AWWA STANDARDS AND SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C300, LATEST EDITION. PVC SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA STANDARD C300. THE PVC SHALL HAVE A MINIMUM BORING PRESSURE OF 160 PSI AND SHALL HAVE A DIMENSION RATIO (DR) OF 18. PIPE SHALL BE THE SAME O.D. AS DUCTILE IRON PIPE. PVC JOINT - SHALL BE IN ACCORDANCE WITH ASTM D3126.
 - DUCTILE IRON - SHALL CONFORM TO ANSI/AWWA C151/C151.1, A MINIMUM OF CLASS 50 PIPE SHALL BE SUPPLIED.
 - DUCTILE IRON JOINT - SHALL BE IN ACCORDANCE WITH ANSI A21.11 AND AWWA C111.
 - SERVICES - SHALL BE IN ACCORDANCE WITH AWWA C90/C900 STANDARDS FOR POLYETHYLENE TUBING, CLASS 160.
- WATER MAIN CONNECTION SHALL BE MADE UNDER THE SUPERVISION OF THE UTILITY PROVIDER. ALL VALVES SHALL BE OPERATED BY UTILITY PROVIDER PERSONNEL ONLY.
- ALL PIPE AND PIPE FITTINGS INSTALLED UNDER THIS PROJECT SHALL LEAD-FREE FITTINGS.
- NEW OR ALTERED FIRE HYDRANT LEADS SHALL HAVE A MINIMUM INSIDE DIAMETER OF 6-INCH AND SHALL INCLUDE AN AUXILIARY VALVE.
- A CONTINUOUS AND UNIFORM BEDDING WILL BE PROVIDED IN TRENCHES FOR UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT. BACKFILL MATERIAL WILL BE TAPPED IN LAYERS AROUND UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT AND TO A SUFFICIENT HEIGHT ABOVE THE PIPE TO ADEQUATELY SUPPORT AND PROTECT THE PIPE, AND UNSUITABLY SIZED STONES (AS DESCRIBED IN APPLICABLE AWWA STANDARDS OR MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES) FOUNDATION MATERIALS WILL BE REMOVED FOR A DEPTH OF AT LEAST SIX INCHES BELOW THE BOTTOM OF UNDERGROUND PIPE INSTALLED UNDER THIS PROJECT.
- CONTRACTOR SHALL NOT ACTIVATE WATER SERVICE UNTIL FDEP HAS CLEARED THE SYSTEM FOR USE AND THE CLEARANCE LETTER HAS BEEN RECEIVED BY THE OWNER.
- ENGINEER RESERVES THE RIGHT TO WITHHOLD AUTHORIZATION OF PAYMENT FOR ANY PORTION OF THE UTILITIES PIPE WORK WHICH HAS NOT BEEN TESTED, OBSERVED BY ENGINEER, AND REFERRED TO CONFORM TO PROJECT SPECIFICATIONS.
- RECLAIMED LOCATE BALLS NEED INSTALLED ON BOTH THE MAINS AND SERVICE. 10 GA LOCATE WIRE IS REQUIRED TO BE USED AS WELL.

RECLAIMED WATER

- POLYVINYL CHLORIDE PLASTIC PIPE (PVC) 4-INCH THROUGH 12-INCH SHALL BE MANUFACTURED IN ACCORDANCE WITH ANSI/AWWA C900 (LATEST EDITION) AND SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI AND HAVE A DR (DIMENSION RATIO) OF 18. PIPE SHALL BE PURPLE AND LABELED "RECLAIMED WATER" OR "NON POTABLE WATER" PROMINENTLY ON EACH PIPE JOINT. JOINTS SHALL BE OF THE PUSH-ON TYPE AND COUPLINGS SHALL CONFORM TO ASTM D3139 DR18 PIPE.
- DUCTILE IRON PIPE (DIP) SHALL BE STANDARD PRESSURE CLASS 350 IN SIZES 4-INCH THROUGH 12-INCH AND CONFORM TO ANSI/AWWA C150/A21.50 (LATEST EDITION). ALL DUCTILE IRON PIPE SHALL HAVE CEMENT MORTAR LINING AS SPECIFIED IN ANSI/AWWA C104/A21.4 (LATEST EDITION). PIPE JOINTS SHALL BE OF THE PUSH-ON RUBBER GASKET TYPE CONFORMING TO ANSI/AWWA C111/A21.11 (LATEST EDITION).
- PIPE SIZES GREATER THAN 12" IN BOTH PVC AND DUCTILE IRON PIPE SHALL BE SEPARATELY SPECIFIED ON THE PLANS, WITH THICKNESS CLASSES TO BE SHOWN BASED ON WORKING PRESSURES, PIPE DEPTH AND TRENCH CONDITIONS.
- COMPACT FITTINGS FOR DUCTILE IRON PIPE AND PVC C900 PIPE SHALL BE DUCTILE IRON AND SHALL CONFORM TO ANSI/AWWA C153/A21.53 (LATEST EDITION) AND SHALL BE CEMENT LINED IN CONFORMANCE WITH ANSI/AWWA C104/A21.4 (LATEST EDITION). 350 PSI MINIMUM PRESSURE RATING.
- GATE VALVES SHALL BE RESILIENT SEAT AND SHALL CONFORM TO ANSI/AWWA C509 (LATEST EDITION) WITH 2-INCH SQUARE WRENCH NUT, EXTENSION STEMS AND OTHER APPURTENANCES AS REQUIRED. MANUFACTURER'S CERTIFICATION OF THE VALVES' COMPLIANCE WITH AWWA C509 (LATEST EDITION) AND TESTS LISTED THEREIN WILL BE REQUIRED. VALVES SHALL BE CLOW, MUELLER, KENNEDY, MAH, AMERICAN DARLING, OR APPROVED EQUAL.
- VALVE BOX PADS SHALL BE CONSTRUCTED PER CITY STANDARDS. PAD IS TO BE SET AT FINISH GRADE.
- UNDERGROUND VALVE IDENTIFICATION (UVI) MARKERS SHALL BE PROVIDED AT EACH VALVE LOCATION. MARKERS SHALL BE 3-INCH DIAMETER AND 1/8-INCH THICK SOLID HARD BRASS WITH 1/4-INCH ROD ANCHOR WITH "TAMPER-PROOF" HOOK END. SURFACE SHALL BE ENGRAVED WITH 1/4-INCH TO 3/8-INCH CAPITAL LETTERS APPROXIMATELY .015-INCH DEEP - HAND PUNCHED LETTERS NOT ACCEPTABLE. FOR OTHER PIPELINE, HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.
- BUTTERFLY VALVES SHALL MEET OR EXCEED THE DESIGN STRENGTH TESTING AND PERFORMANCE REQUIREMENTS OF AWWA C504 (LATEST EDITION). CLASS 150. VALVES SHALL BE DUCTILE IRON, RESILIENT SEAT, AND BE MANUFACTURED BY KENNEDY, MUELLER, MAH, AMERICAN DARLING, OR APPROVED EQUAL. BUTTERFLY VALVES TO BE GRADE 150 OR SIZES GREATER THAN 12-INCH SHALL BE GRADE 150.
- AIR RELEASE VALVES SHALL BE PLACED AT HIGH POINTS OF THE TRANSMISSION MAIN TO PERMIT ESCAPE OF TRAPPED AIR. THE VALVE SIZE, LOCATION, AND METHOD OF INSTALLATION SHALL BE INDICATED ON THE DRAWINGS, OR AS DIRECTED BY THE ENGINEER. AIR RELEASE VALVES SHALL BE VALVATIC OR APPROVED EQUAL.
- VALVE BOXES ON BURIED RECLAIMED WATER SHALL BE ADJUSTABLE, CAST IRON CONSTRUCTION, WITH A MINIMUM INTERIOR DIAMETER OF 5-INCH WITH COVERS CAST WITH THE DISTRIBUTION IN LEGIBLE LETTERS. VALVE BOXES SHALL BE SUITABLE FOR THE APPLICABLE SURFACE LOADING AND VALVE SIZE, AND SHALL BE MANUFACTURED BY MUELLER COMPANY, MODEL 1036A, OR APPROVED EQUAL.
- PIPE INSTALLATION OF PVC RECLAIMED WATER MAIN SHALL BE IN CONFORMANCE WITH ASTM D2774 (LATEST EDITION). INSTALLATION OF DUCTILE IRON PIPE RECLAIMED WATER MAIN SHALL BE IN CONFORMANCE WITH AWWA C600 (LATEST EDITION).
- RECLAIMED WATER SYSTEM PIPES SHALL BE INSTALLED SO AS TO GIVE A MINIMUM HORIZONTAL SEPARATION OF 3 FEET (CENTER OF PIPE TO CENTER OF PIPE) FROM POTABLE WATER LINES AND MANHOLE VALVE LINES. SEPARATION FROM OUTSIDE WALL TO OUTSIDE WALL AS WELL AS 18-INCH VERTICAL SEPARATION. IN THE CASE OF A CONFLICT WHERE THESE SEPARATIONS CANNOT BE MAINTAINED THE REUSE MAIN SHALL BE UPGRADED TO DIP.
- COMPACTED BACKFILL SHALL BE TO 98 % MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 UNDER ALL PAVEMENTS WITH 12-INCH MAXIMUM LIFT THICKNESS. OTHER COMPACTION OF BACKFILL SHALL BE TO 95% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180 WITH 12-INCH MAXIMUM LIFT THICKNESS. SEE PIPE TRENCHING DETAILS.
- MINIMUM COVER OVER ALL PIPE SHALL BE 36-INCHES FROM TOP OF PIPE TO FINISHED GRADE, UNLESS OTHERWISE NOTED.
- INDICATOR TAPE SHALL BE BURIED IN THE RECLAIMED WATER MAIN TRENCH 18-INCH DIRECTLY ABOVE THE MAIN. A CONTINUOUS COPPER DETECTOR WIRE SHALL BE ATTACHED AS SHOWN ON THE PIPE DETECTOR WIRE MARKER DETAIL. INDICATOR TAPE SHALL CALL OUT THAT RECLAIMED OR NON POTABLE SYSTEM IS BELOW. PIPE SHALL BE COLOR CODED PURPLE IN ADDITION TO MARKINGS, SIGNS IN ENGLISH, SPANISH, AND INTERNATIONAL SYMBOLS SHALL BE INSTALLED NOTING THAT NO DRINKING IS ALLOWED. CONTINUITY CHECK WILL BE PERFORMED AND MUST BE ACCEPTABLE.
- ALLOWABLE LEAKAGE FOR PVC PRESSURE MAINS WILL BE IN ACCORDANCE WITH AWWA M22.
- THE CONTRACTOR SHALL PROVIDE AT HIS OWN EXPENSE ALL NECESSARY TEST PUMPING EQUIPMENT, WATER, WATER METERS, PRESSURE GAUGES, AND OTHER EQUIPMENT, MATERIAL AND FACILITIES REQUIRED FOR ALL HYDROSTATIC AND LEAKAGE TESTING. CONTRACTOR SHALL CONTACT LOCAL AGENCY, UTILITY PROVIDER, AND ENGINEER IN WRITTEN FORM, FORTY-EIGHT (48) HOURS IN ADVANCE OF PROPOSED TESTING. THE CONTRACTOR SHALL PERFORM SATISFACTORY PRETESTING PRIOR TO NOTIFICATION. NO TESTING WILL BE SCHEDULED ON A MONDAY OR FRIDAY.
- THE RECLAIMED WATER SYSTEM SHALL BE TESTED FOR LEAKAGE AT 150 PSI FOR TWO (2) HOURS PER UTILITY PROVIDER STANDARDS.
- ALL RECLAIMED WATER PIPE SHALL BE INSTALLED USING WATER PIPE CRITERIA. MAINS SHALL BE CLASS 52 D.I. PIPE. IF 24-INCHES TO 30-INCHES OF COVER IS PROVIDED AND CLASS 51 IF 30-INCHES TO 36-INCHES OF COVER IS PROVIDED.
- SIGNS SHALL BE POSTED IN THE VICINITY OF PUBLIC RECLAIMED WATER RECLAIMED WATER IRRIGATION SYSTEMS, ADVISING THE PUBLIC THAT RECLAIMED WATER IS PRACTICED.
- RECLAIMED LOCATE BALLS NEED INSTALLED ON BOTH THE MAINS AND SERVICE WHIPS. 10 GA LOCATE WIRE IS REQUIRED TO BE USED AS WELL.

FIRE

- PLANS SHALL BE IN ACCORDANCE WITH THE 8TH EDITION OF THE FLORIDA FIRE PREVENTION CODE
- NFPA 101, 2015 EDITION
NFPA 1, 2015 EDITION
NFPA 13, 2013 EDITION

DEMOLITION NOTES

- EXISTING UNDERGROUND UTILITIES, UNLESS OTHERWISE NOTED, MAY BE CAPPED/PLUGGED AND ABANDONED IN PLACE EXCEPT WITHIN 30 FT. OF BUILDING. CAPPED AND PLUGGED PIPE ENDS SHALL BE ENCASED IN CONCRETE, 8" MINIMUM THICKNESS AROUND PIPE. MANHOLE BASES MAY BE LEFT IN PLACE PROVIDED THAT PIPE OPENINGS ARE PLUGGED AND REMAINING BASES ARE FILLED WITH CONCRETE 6" MINIMUM ABOVE HIGHEST INVERT.
- CONTRACTOR SHALL BE KNOWLEDGEABLE OF THE CONSTRUCTION DOCUMENTS AND BE RESPONSIBLE FOR PROTECTING ANY EXISTING FACILITY SO DESIGNATED OR DESIGNATED TO BE UTILIZED IN THE WORK.
- CONTRACTOR SHALL REMOVE ALL FOUNDATIONS, CONCRETE SLABS, AND UNDERGROUND STRUCTURES EXISTING ON THE SITE AT THE TIME OF BIDDING UNLESS OTHERWISE DIRECTED.
- CONTRACTOR SHALL COORDINATE WITH APPLICABLE UTILITY COMPANIES AND BE RESPONSIBLE FOR THE TERMINATION, LIFTING-OFF AND REMOVAL OF ALL UNDERGROUND AND ABOVE-GROUND UTILITY SERVICES EXISTING AT THE TIME OF BIDDING UNLESS DIRECTED TO BID OTHERWISE.
- CONTRACTOR IS RESPONSIBLE FOR IDENTIFYING AND DISPOSING ALL WASTE MATERIALS CONFORM WITH ALL RULES AND REGULATIONS APPLICABLE TO THE SPECIFIC MATERIAL FOUND.

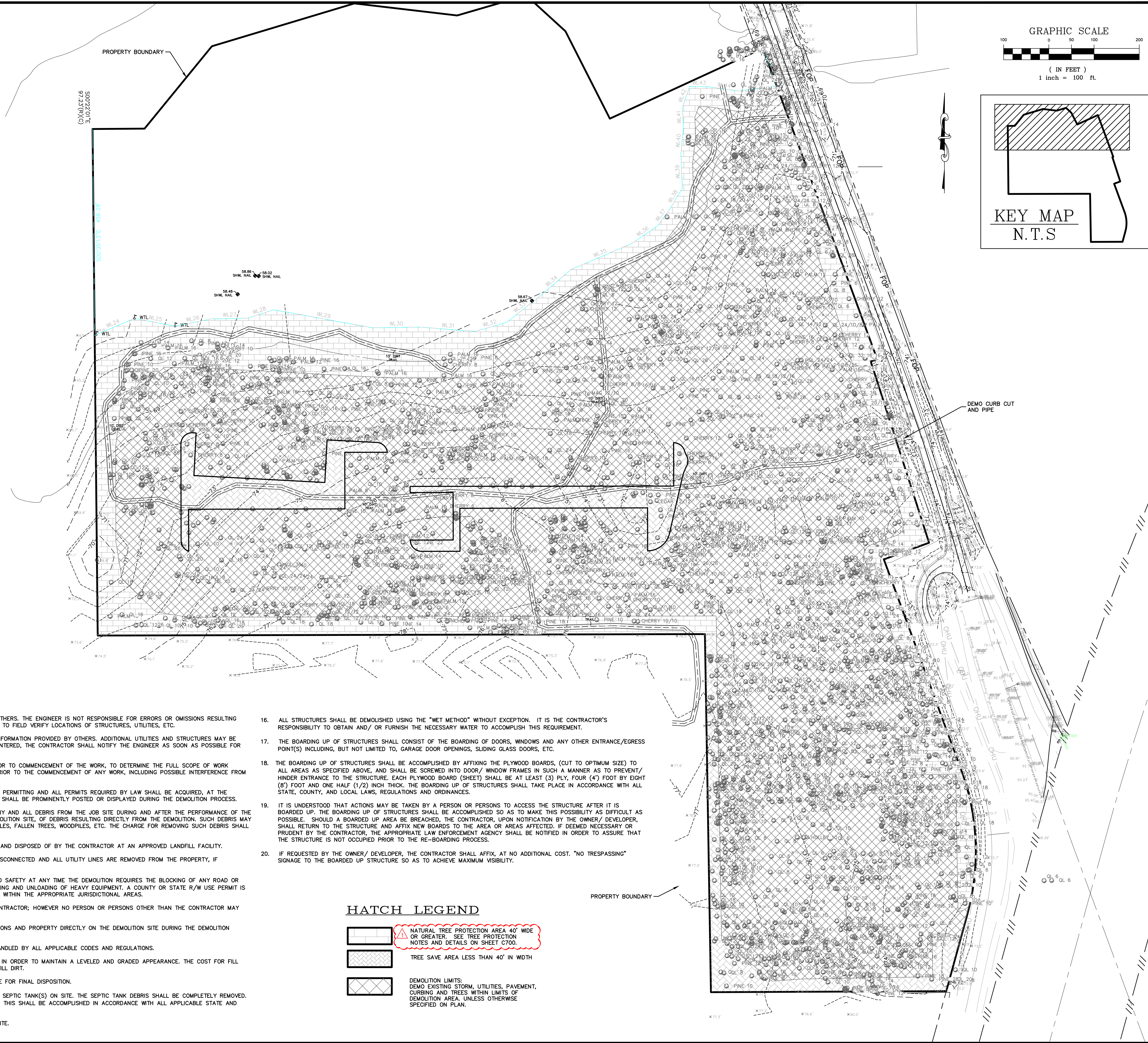
SPECIAL PURPOSE

- THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SUCH UTILITIES. CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND AVOID DAMAGE TO SUCH UTILITIES. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.

UTILITY AND COMMERCIAL USE

PERMIT REQUIREMENTS:

- NOTIFY VOLUSIA COUNTY DEVELOPMENT ENGINEERING DIVISION AT (386) 736-5926 A MINIMUM OF 24 HOURS PRIOR TO THE START OF CONSTRUCTION. FAILURE OF THE PERMITTEE TO OBTAIN THE APPROPRIATE INSPECTIONS PRIOR TO PROCEEDING WITH WORK SHALL NOT RELIEVE THE PERMITTEE FROM REEXCAVATION OR OTHER MEASURES NECESSARY FOR THE INSPECTION OF WORK.
- VOLUSIA COUNTY TRAFFIC ENGINEER (386) 736-5968 IS NOT A MEMBER OF SUNSHINE ONE CALL. WHEN REQUESTING LOCATES, PLEASE PROVIDE A MINIMUM ADVANCED NOTIFICATION OF TWO (2) BUSINESS DAYS PRIOR TO PROPOSED WORK. COORDINATION WITH VOLUSIA COUNTY ENGINEERING INSPECTOR AN PRIOR AT (386) 561-8666 IS REQUIRED WITH A MINIMUM ADVANCED NOTICE OF SEVEN (7) DAYS PRIOR TO ANY SIDEWALK, LANE OR ROAD CLOSURE (INCLUDING FLAGGING OPERATIONS). OPERATIONS WITHIN THE COUNTY RIGHT-OF-WAY SHALL NORMALLY BE CONDUCTED 7:00 A.M. TO 7:00 P.M. MONDAY THROUGH FRIDAY. ANY DEVIATION FROM THESE HOURS WILL REQUIRE PRIOR APPROVAL FROM THE COUNTY DEVELOPMENT ENGINEER. EMERGENCY REPAIRS ARE EXCLUDED FROM THIS TIME RESTRICTION.
- ALL EXISTING SIDEWALKS WITHIN COUNTY RIGHT-OF-WAY SHALL EITHER REMAIN OPEN OR BE PROVIDED A TEMPORARY WALKWAY IN ACCORDANCE WITH THE CURRENT VERSION OF FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD NOD 660. ANY DAMAGE TO SIDEWALKS SHALL BE REPAIRED AND/OR REPLACED IN LIKE KIND BY THE CONTRACTOR. NEW SIDEWALKS AND SECTIONS THROUGH DRIVEWAYS MUST BE AT A 1.5% CROSS SLOPE AND 2% MAXIMUM CROSS SLOPE PER ADA STANDARDS.
- DRIVING OR STAGING OF CONSTRUCTION VEHICLES OR MATERIALS IS NOT PERMITTED WITHIN THE COUNTY RIGHT-OF-WAY OR ON PEDESTRI

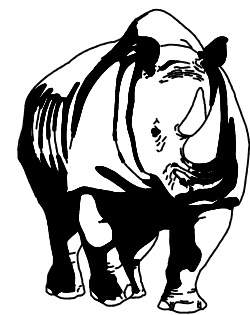


DEMOLITION NOTES:

1. THE LOCATION OF STRUCTURES, UTILITIES, ETC. ARE PROVIDED BY OTHERS. THE ENGINEER IS NOT RESPONSIBLE FOR ERRORS OR OMISSIONS RESULTING FROM INACCURACY OF THE INFORMATION OBTAINED. CONTRACTOR IS TO FIELD VERIFY LOCATIONS OF STRUCTURES, UTILITIES, ETC.
2. ALL EXISTING UTILITY AND STRUCTURE LOCATIONS ARE BASED ON INFORMATION PROVIDED BY OTHERS. ADDITIONAL UTILITIES AND STRUCTURES MAY BE PRESENT. SHOULD UNCHARTED UTILITIES OR STRUCTURES BE ENCOUNTERED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AS SOON AS POSSIBLE FOR INSTRUCTIONS.
3. THE SITE SHALL BE VISUALLY INSPECTED BY THE CONTRACTOR, PRIOR TO COMMENCEMENT OF THE WORK, TO DETERMINE THE FULL SCOPE OF WORK INVOLVED AND ITS RELATION TO ANY OTHER WORK IN THE AREA, PRIOR TO THE COMMENCEMENT OF ANY WORK, INCLUDING POSSIBLE INTERFERENCE FROM OTHER SIDE ACTIVITIES.
4. ALL ACTIONS REQUIRED BY LAW SHALL BE ACCOMPLISHED PRIOR TO PERMITTING AND ALL PERMITS REQUIRED BY LAW SHALL BE ACQUIRED, AT THE EXPENSE OF THE CONTRACTOR, PRIOR TO DEMOLITION. ALL PERMITS SHALL BE PROMINENTLY POSTED OR DISPLAYED DURING THE DEMOLITION PROCESS.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF ANY AND ALL DEBRIS FROM THE JOB SITE DURING AND AFTER THE PERFORMANCE OF THE WORK. DEBRIS REMOVAL IS DEFINED AS THE REMOVAL FROM A DEMOLITION SITE, OF DEBRIS RESULTING DIRECTLY FROM THE DEMOLITION. SUCH DEBRIS MAY CONSIST, BUT NOT BE LIMITED TO, PILES OF TRASH, BOARDS, SHINGLES, FALLEN TREES, WOODPILES, ETC. THE CHARGE FOR REMOVING SUCH DEBRIS SHALL INCLUDE ALL EXPENSES ASSOCIATED WITH ITS REMOVAL.
6. ALL MATERIALS DEEMED NON-HAZARDOUS SHALL BE TRANSPORTED AND DISPOSED OF BY THE CONTRACTOR AT AN APPROVED LANDFILL FACILITY.
7. THE CONTRACTOR SHALL ASSURE THAT ALL UTILITIES HAVE BEEN DISCONNECTED AND ALL UTILITY LINES ARE REMOVED FROM THE PROPERTY, IF APPLICABLE, PRIOR TO COMMENCEMENT OF ANY WORK.
8. THE CONTRACTOR SHALL PROVIDE FLAGMAN'S TRAFFIC CONTROL AND SAFETY AT ANY TIME THE DEMOLITION REQUIRES THE BLOCKING OF ANY ROAD OR HIGHWAY FOR ANY LENGTH OF TIME. THIS SHALL INCLUDE THE LOADING AND UNLOADING OF HEAVY EQUIPMENT, A COUNTY OR STATE R/W USE PERMIT IS REQUIRED FOR ANY WORK, INCLUDING EQUIPMENT CIRCULATION, ETC. WITHIN THE APPROPRIATE JURISDICTIONAL AREAS.
9. SALVAGING OF ANY PROPERTY SHALL BE THE PRIVILEGE OF THE CONTRACTOR; HOWEVER NO PERSON OR PERSONS OTHER THAN THE CONTRACTOR MAY SALVAGE ANY PROPERTY WHILE DEMOLITION IS IN PROCESS.
10. THE CONTRACTOR SHALL ASSUME ANY AND ALL LIABILITY FOR PERSONS AND PROPERTY DIRECTLY ON THE DEMOLITION SITE DURING THE DEMOLITION PROCESS.
11. ANY KNOWN WATER WELL LOCATED ON THE PROPERTY SHALL BE HANDLED BY ALL APPLICABLE CODES AND REGULATIONS.
12. THE CONTRACTOR SHALL FILL THE PROPERTY WITH CLEAN FILL DIRT IN ORDER TO MAINTAIN A LEVELED AND GRADED APPEARANCE. THE COST FOR FILL DIRT SHALL INCLUDE ALL COSTS ASSOCIATED WITH PROVIDING THE FILL DIRT.
13. ALL FILL DIRT REMAINING AFTER DEMOLITION SHALL BE LEFT ON SITE FOR FINAL DISPOSITION.
14. THE CONTRACTOR SHALL LOCATE, DRAIN AND CRUSH IN PLACE ANY SEPTIC TANK(S) ON SITE. THE SEPTIC TANK DEBRIS SHALL BE COMPLETELY REMOVED. SEPTIC TANK(S) REMOVAL SHALL INCLUDE PUMPING OF DRAIN FIELD. THIS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL REGULATIONS, CODES AND ORDINANCES.
15. THE CONTRACTOR SHALL ENSURE THAT NO RUBBLE IS BURIED ON SITE.
16. ALL STRUCTURES SHALL BE DEMOLISHED USING THE "WET METHOD" WITHOUT EXCEPTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN AND/ OR FURNISH THE NECESSARY WATER TO ACCOMPLISH THIS REQUIREMENT.
17. THE BOARDING UP OF STRUCTURES SHALL CONSIST OF THE BOARDING OF DOORS, WINDOWS AND ANY OTHER ENTRANCE/EGRESS POINT(S) INCLUDING, BUT NOT LIMITED TO, GARAGE DOOR OPENINGS, SLIDING GLASS DOORS, ETC.
18. THE BOARDING UP OF STRUCTURES SHALL BE ACCOMPLISHED BY AFFIXING THE PLYWOOD BOARDS, (CUT TO OPTIMUM SIZE) TO ALL AREAS AS SPECIFIED ABOVE, AND SHALL BE SCREWED INTO DOOR/ WINDOW FRAMES IN SUCH A MANNER AS TO PREVENT/ HINDER ENTRANCE TO THE STRUCTURE. EACH PLYWOOD BOARD (SHEET) SHALL BE AT LEAST (3) PLY, FOUR (4) FOOT BY EIGHT (8) FOOT AND ONE HALF (1/2) INCH THICK. THE BOARDING UP OF STRUCTURES SHALL TAKE PLACE IN ACCORDANCE WITH ALL STATE, COUNTY, AND LOCAL LAWS, REGULATIONS AND ORDINANCES.
19. IT IS UNDERSTOOD THAT ACTIONS MAY BE TAKEN BY A PERSON OR PERSONS TO ACCESS THE STRUCTURE AFTER IT IS BOARDED UP. THE BOARDING UP OF STRUCTURES SHALL BE ACCOMPLISHED SO AS TO MAKE THIS POSSIBILITY AS DIFFICULT AS POSSIBLE. SHOULD A BOARDED UP AREA BE BREACHED, THE CONTRACTOR, UPON NOTIFICATION BY THE OWNER/ DEVELOPER, SHALL RETURN TO THE STRUCTURE AND AFFIX NEW BOARDS TO THE AREA OR AREAS AFFECTED. IF DEEMED NECESSARY OR PRUDENT BY THE CONTRACTOR, THE APPROPRIATE LAW ENFORCEMENT AGENCY SHALL BE NOTIFIED IN ORDER TO ASSURE THAT THE STRUCTURE IS NOT OCCUPIED PRIOR TO THE RE-BOARDING PROCESS.
20. IF REQUESTED BY THE OWNER/ DEVELOPER, THE CONTRACTOR SHALL AFFIX, AT NO ADDITIONAL COST, "NO TRESPASSING" SIGNAGE TO THE BOARDED UP STRUCTURE SO AS TO ACHIEVE MAXIMUM VISIBILITY.

HATCH LEGEND

- NATURAL TREE PROTECTION AREA 40' WIDE OR GREATER. SEE TREE PROTECTION NOTES AND DETAILS ON SHEET C700.
- TREE SAVE AREA LESS THAN 40' IN WIDTH
- DEMOLITION LIMITS: DEMO EXISTING STORM, UTILITIES, PAVEMENT, CURBING AND TREES WITHIN LIMITS OF DEMOLITION AREA, UNLESS OTHERWISE SPECIFIED ON PLAN.



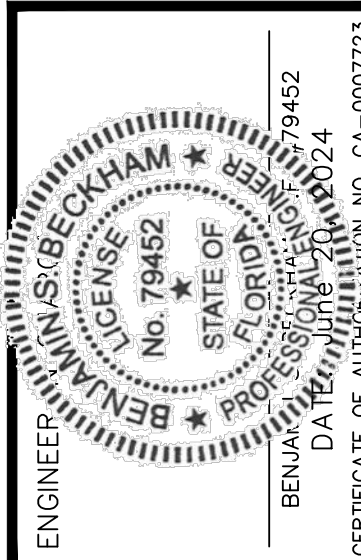
MADDEN
MOORHEAD & STOKES, LLC
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

DEMOLITION PLAN
FOR

SUMMIT PLACE

CITY OF BELAND FLORIDA

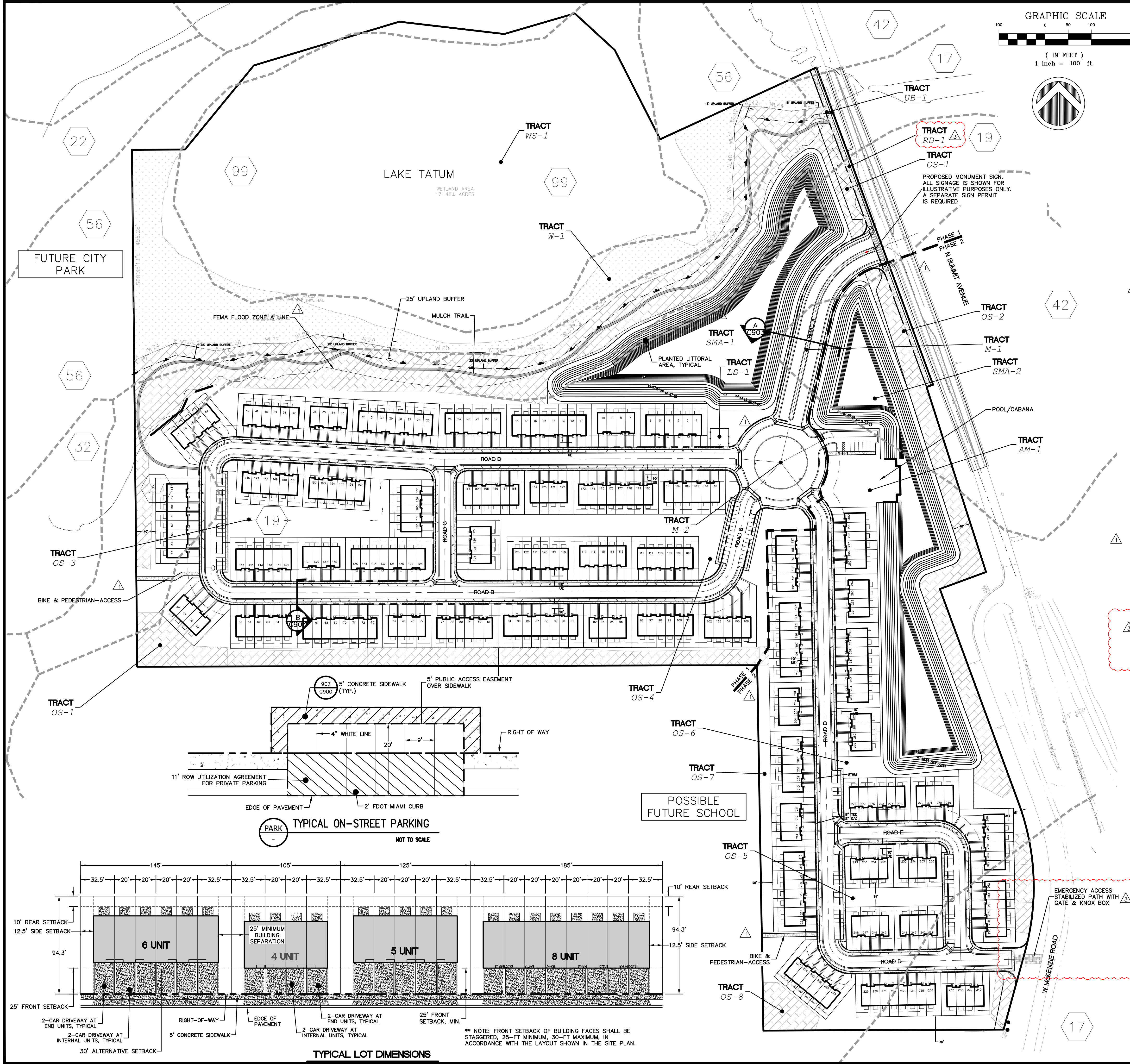
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



DATE	REVISIONS
05/04/24	REVISED PER CITY COMMENTS
02/20/23	DATE

JOB # 21086
DATE: 02/20/23
SCALE: 1"=100'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C010



HATCH LEGEND

- NATURAL TREE PROTECTION AREA 40' WIDE OR GREATER
- PAVEMENT
- HEAVY DUTY PAVEMENT
- FEMA FLOOD ZONE

SITE DATA:

- TOTAL NUMBER OF UNITS:
PHASE 1: 186
PHASE 2: 114
TOTAL: 300
- PROJECT AREA: 59.90 AC
- LAKE AREA: 13.59 AC
- WETLAND AREA: 3.56 AC
- UPLAND AREA: 42.75 AC
- MIN. TREE PROTECTION AREA: 15% = 6.41 AC, 7.10 AC. SHOWN
- BUILDING SETBACKS:
FRONT: 25'
SIDE: 0'
REAR: 10'
MIN. DISTANCE BETWEEN BUILDINGS SIDE TO SIDE: 25'
MIN. DISTANCE BETWEEN BUILDINGS SIDE TO REAR: 25'
MIN. DISTANCE BETWEEN BUILDINGS REAR TO REAR: 50'
- IMPERVIOUS SURFACE RATIO (ISR), 70% MAX:
ROADWAY: 3.98 ACRES/ 6.6%
SIDEWALK: 1.34 ACRES/ 2.2%
BUILDINGS: 6.20 ACRES/ 10.4%
DRIVEWAYS: 3.54 ACRES/ 5.9%
TOTAL IMPERVIOUS: 15.06 ACRES/ 25.1%
PERVIOUS = 52.2%
LAKE TATUM : 13.6 ACRES/ 22.7%
TOTAL: 100.00%
- PARKING REQUIREMENTS: TWO SPACES PER UNIT (GARAGE AND DRIVEWAY SPACE ARE PROVIDED)
VISITOR PARKING: 1 SPACE/3 UNITS = 100 SPACES REQUIRED
100 SPACES AVAILABLE
AMENITY PARKING PROVIDED: 6 REGULAR SPACES
2 HANDICAP SPACES
AMENITY BUILDING = 2,168 SQ.FT.
- GROSS DENSITY = UNITS/ PROJECT AREA - LAKE TATUM = 300 / 59.90 AC = 13.57 AC = 6.48 DU/AC
MAX. GROSS DENSITY = 16 UNITS/ AC
- PROPOSED SITE IMPROVEMENTS SHALL NOT ENCR OACH ONTO FEMA FLOODZONE A LIMITS THROUGH GRADING AND/OR FILL.
- FUTURE LAND USE: GATEWAY
- EMERGING GATEWAY OVERLAY: SUMMIT AVENUE (CR4139)
- MAINTAINING AUTHORITY OVER ADJOINING ROADS: VOLUSIA COUNTY
- ALL LIGHTING WILL BE FULL CUT-OFF AND DARK SKY.
- A MANDATORY HOMEOWNERS ASSOCIATION SHALL BE CREATED TO PROVIDE FOR MANAGEMENT FOR ALL COMMON AREAS AND FACILITIES.
- PROPOSED SITE IMPROVEMENTS SHALL NOT ENCR OACH ONTO FEMA FLOODZONE A LIMITS THROUGH GRADING AND/OR FILL.
- STREET TREES MAY BE PLANTED WITHIN THE RIGHTS OF WAY WITHIN THE PROPERTY AND SAID TREES MAY BE INCLUDED IN MITIGATION CALCULATIONS. HOWEVER, IF ANY SUCH TREES ARE PLANTED, THE HOA SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID TREES. MOREOVER, THE HOA SHALL ALSO BE RESPONSIBLE TO REPAIR ANY AND ALL IMPACTS UPON THE RIGHT OF WAY INFRASTRUCTURE CREATED BY THE PRESENCE OF SAID TREES, INCLUDING ANY ROAD OR SIDEWALK FACILITY.

SOILS LEGEND

SOIL NUMBER	SOIL NAME
17	POMELLO FINE SAND, 0 TO 5 PERCENT SLOPES
19	DELAND FINE SAND, 0 TO 5 PERCENT SLOPES
37	ORSINO FINE SAND, 0 TO 5 PERCENT SLOPES
42	PAOLA FINE SAND, 0 TO 8 PERCENT SLOPES
56	SAMSULA MUCK FREQUENTLY PONDED 0 TO 1 PERCENT SLOPES
99	WATER

Tract / Land Use Table				
Tract Name	Use	Ownership / Maint.	Acres	(%)
WS-1	Water Surface	HOA	13.59	22.69
W-1	Wetland	HOA	3.55	5.92
UB-1	Upland Buffer	HOA	1.00	1.67
OS-1	Open Space/Tree Protection	HOA	6.63	11.07
OS-2	Open Space/Tree Protection	HOA	1.58	2.63
OS-3	Open Space	HOA	0.72	1.20
OS-4	Open Space	HOA	0.78	1.30
OS-5	Open Space	HOA	0.32	0.54
OS-6	Open Space	HOA	0.20	0.33
OS-7	Open Space	HOA	0.34	0.57
OS-8	Open Space/Tree Protection	HOA	0.83	1.39
LS-1	Lift Station	City of Deland	0.04	0.06
RW-1	Right of Way	City of Deland	6.81	11.37
SMA-1	Retention/Open Space	HOA	3.59	5.99
SMA-2	Retention/Open Space	HOA	3.53	5.90
AM-1	Amenity	HOA	0.56	0.93
M-1	OPEN SPACE	HOA	0.23	0.38
M-2	OPEN SPACE	HOA	0.07	0.12
RD-1	Right of Way Dedication	Volusia County	0.25	0.42
Single Family Lots			15.29	25.52

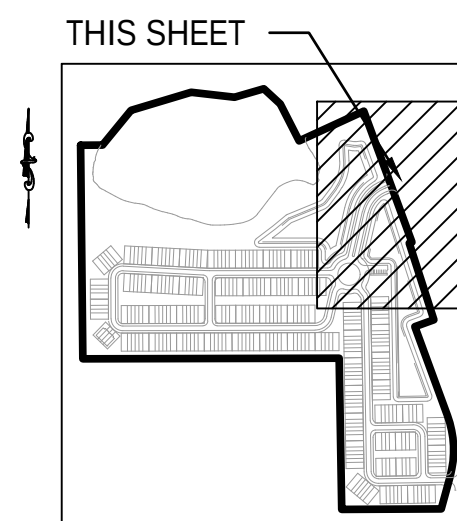
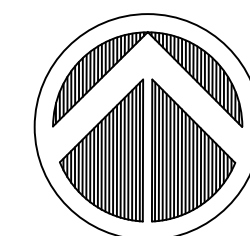
MADDEN
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Suite 260
Maitland, Florida 32751
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OVERALL SITE PLAN
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

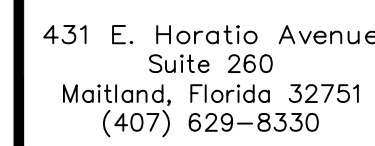
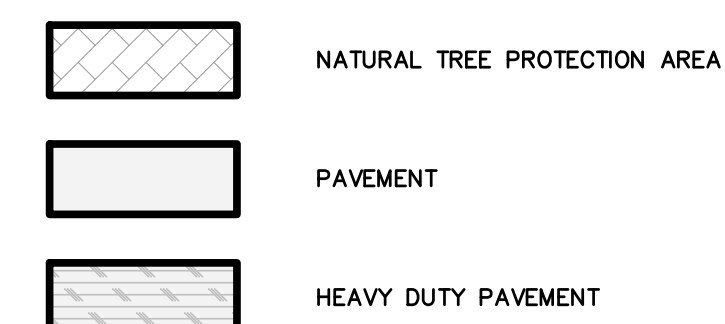
DR. HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BECKHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE: 02/20/23
C100

REVISIONS
DATE: 02/20/23
JOB # 21086
DATE: 02/20/23
SCALE: 1" = 100'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB



KEY MAP
N.T.S.



SUMMIT PLACE

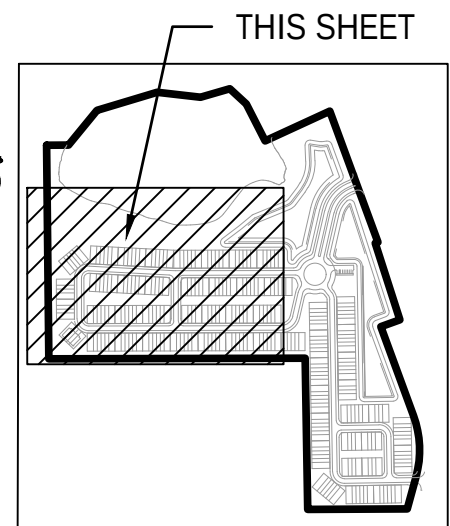
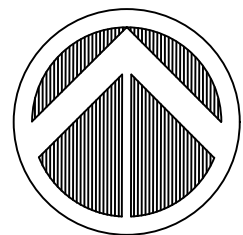
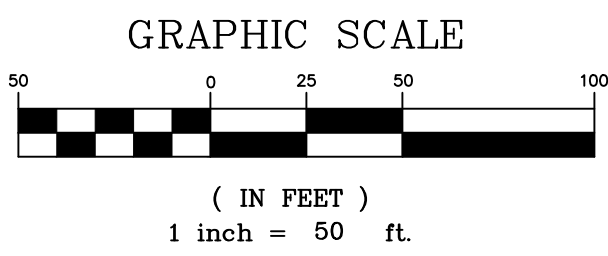
CITY OF DE LAND
FLORIDA



	REV PER CITY OF DELAND COMMENTS DATED 07/09/23
1	3/15/23
2	9/7/23 REV. PER SRWMD
3	1/23/24 REV. PER CC REVIEW
4	04/23/24 REV. PER CITY OF DELAND COMMENTS
5	
6	
7	
8	
9	
10	
11	
	DATE DEVISIONS

JOB # _____ 2108
DATE: _____ 02/20/23
SCALE: _____ 1"=56'
DESIGNED BY: _____ JT
DRAWN BY: _____ JT
APPROVED BY: _____ BSI

C101



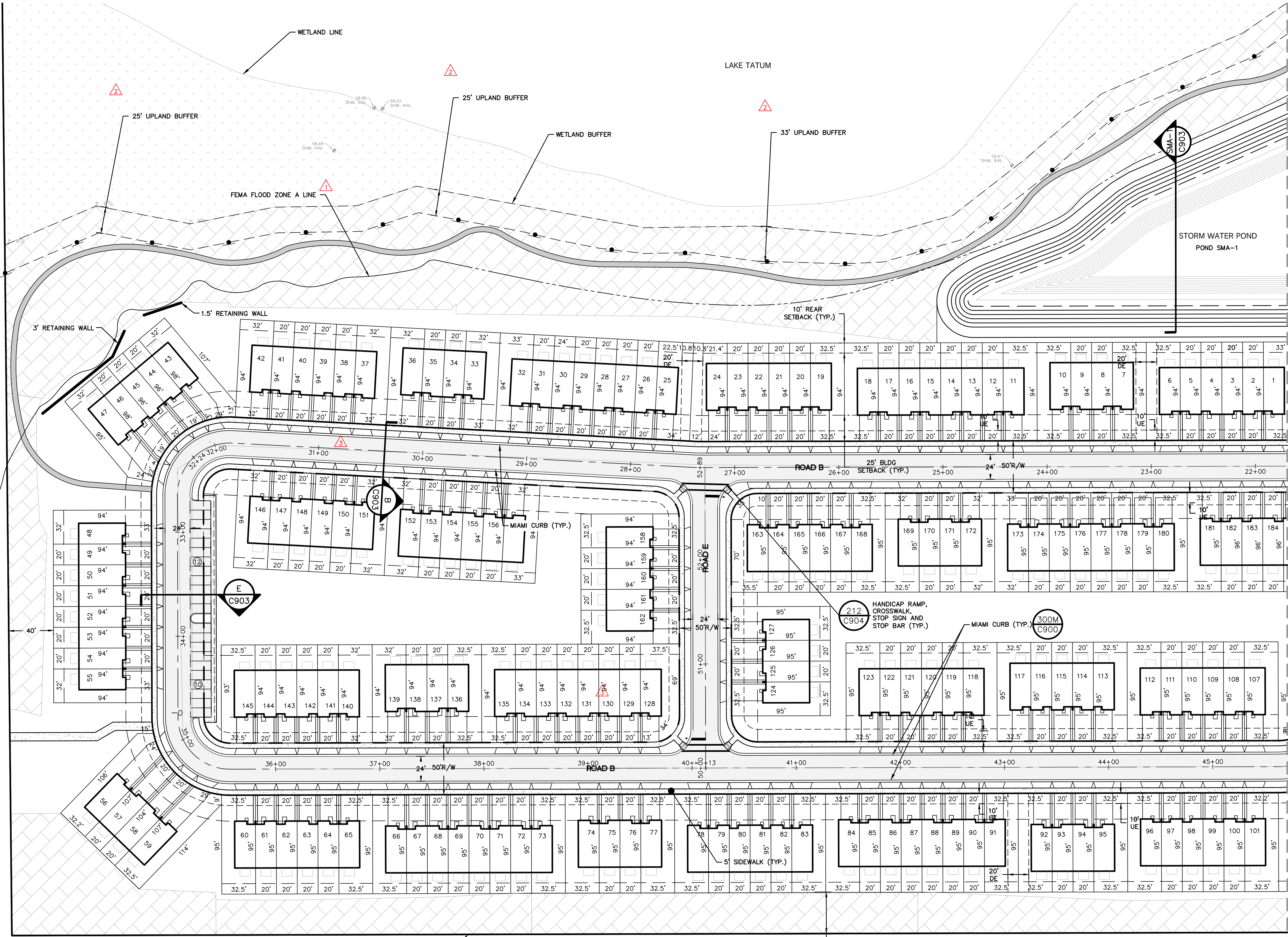
KEY MAP
N.T.S.

MATCH LINE - SEE SHEET C101

MATCH LINE - SEE SHEET C103

HATCH LEGEND

- NATURAL TREE PROTECTION AREA
- PAVEMENT



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SITE PLAN
FOR
SUMMIT PLACE
CITY OF BELAND
FLORIDA

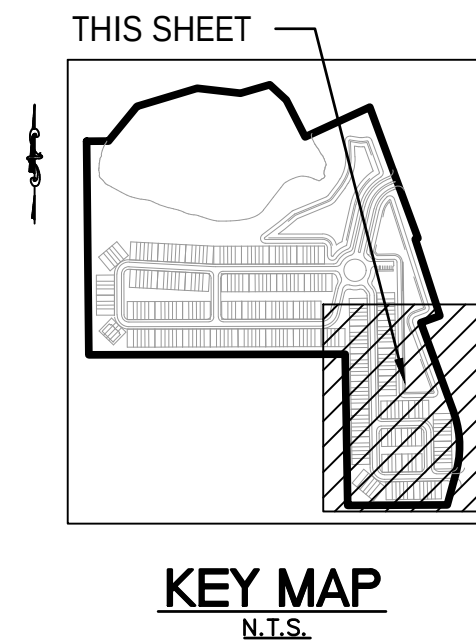
DR. HORTON
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ORLANDO, FL 32832
(407) 850-5200

ENGINEER
BENJAMIN S. BECKHAM
STATE OF FLORIDA
LICENSE NO. 79452
DATE 07/23/24
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

REV.	DATE	REV. PER CITY OF BELAND COMMENTS DATED
1	3/15/23	REV. PER CITY OF BELAND COMMENTS DATED 3/9/23
2	9/7/23	REV. PER CITY OF BELAND COMMENTS DATED 9/7/23
3	04/23/24	REV. PER CITY OF BELAND COMMENTS DATED 04/23/24
4		
5		
6		
7		
8		
9		
10		
11		

DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C102

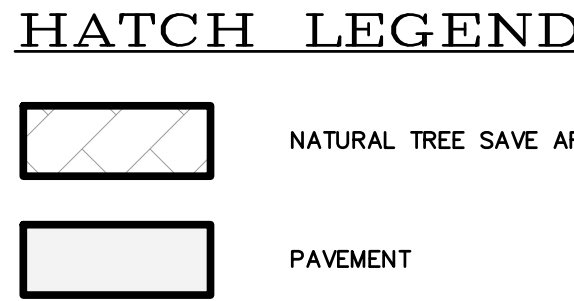


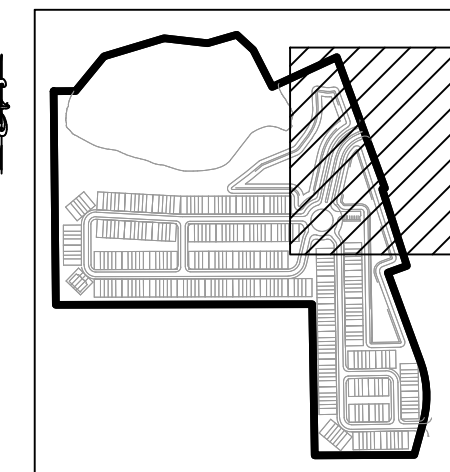
SITE PLAN FOR SUMMIT PLACE

1	3/15/23	REV. PER CITY OF DELAND	COMMENTS DATED 3/9/23
2	04/23/24	REV. PER CITY OF DELAND	COMMENTS
3			
4			
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10			
11			

JOB # _____ 210
DATE: _____ 02/20/20____
SCALE: _____ 1"=5'
DESIGNED BY: _____ J
DRAWN BY: _____ J
APPROVED BY: _____ B

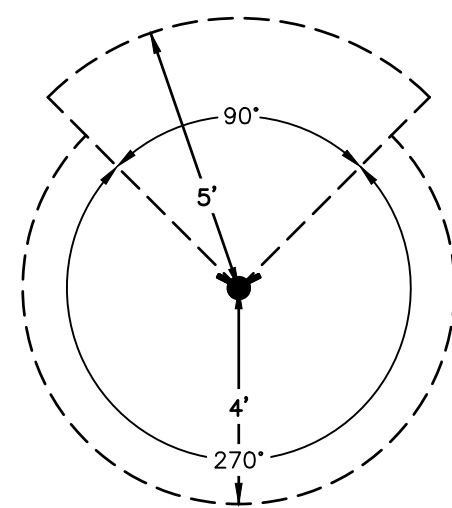
C103





KEY MAP
N.T.S.

TYPICAL UTILITY LEGEND	
	DESCRIPTION
	FIRE HYDRANT ASSEMBLY
	DOUBLE SANITARY SERVICE
	SINGLE SANITARY SERVICE
	DOUBLE WM SERVICE
	SINGLE WM SERVICE
	DOUBLE RWM SERVICE
	SINGLE RWM SERVICE
	GATE VALVE
	WM OR RWM CROSS
	WM OR RWM TEE
	BLOW-OFF AND VALVE
	WATER MAIN
	RECLAIM WATER MAIN



- NOTES:
1. NO OBSTRUCTIONS SHALL BE PLACED WITHIN A 4' CLEARANCE DISTANCE FROM THE REAR AND SIDES OF A FIRE HYDRANT.
 2. NO OBSTRUCTIONS SHALL BE PLACED OR GROWN IN FRONT OF A FIRE HYDRANT.

FIRE HYDRANT CLEARANCE DETAIL

FDEP SEPARATION REQUIREMENTS UNDER 62-555.314 EFFECTIVE 8-28-2003				
HAZARD	HORIZONTAL SEPARATION	VERTICAL SEPARATION		JOINT SPACING
		WATER ABOVE	WATER BELOW	
STORM SEWER	3FT MIN	12IN PREF, 6IN MIN	12IN MIN	3FT MIN
STORM FORCE MAIN	3FT MIN	12IN MIN	12IN MIN	3FT MIN
RECLAIMED WATER IF REGULATED UNDER 62-610	3FT MIN	12IN MIN	12IN MIN	3FT MIN
RECLAIMED WATER IF NOT REGULATED UNDER 62-610	10FT PREF, 6FT MIN	12IN MIN	12IN MIN	6FT MIN
VACUUM SANITARY SEWER	10FT PREF, 3FT MIN	12IN PREF, 6IN MIN	12IN MIN	3FT MIN
GRAVITY SANITARY SEWER	10FT PREF, 6FT MIN, 3FT MIN IF WATER MAIN IS 6IN ABOVE GRAVITY SANITARY SEWER	12IN PREF, 6IN MIN	12IN MIN	6FT MIN
SANITARY SEWER FORCE MAIN	10FT PREF, 6FT MIN	12IN MIN	12IN MIN	6FT MIN
SEWAGE TREATMENT & DISPOSAL SYSTEM	10FT MIN	NONE	NONE	NONE

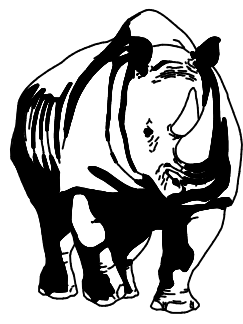
UTILITY NOTES:

1. FIRE FLOW REQUIREMENTS FOR BUILDINGS SHALL BE IN ACCORDANCE WITH NFPA 1 SECTION 18.4
 2. FIRE HYDRANT LOCATIONS AND DISTRIBUTION SHALL FOLLOW NFPA 1, APPENDIX I.
 3. FIRE HYDRANT LOCATIONS SHALL BE IDENTIFIED BY A BLUE REFLECTIVE PAVEMENT MARKER. (NFPA 1, CHAPTER 18.5.7)
 4. NEEDED FIRE FLOW FOR SINGLE FAMILY DWELLINGS SHALL BE AS FOLLOWS: HOMES 5,000 SF OR LESS SHALL PROVIDE 1,000 GPM FOR 1 HOUR, HOMES EXCEEDING 5,000 SF SHALL PROVIDE FIRE FLOW IN ACCORDANCE WITH TABLE 18.4.5.1.2 OF NFPA 1 (FFPC 2012).
- THEREFORE, THE NEEDED FIRE FLOW FOR THIS PROJECT SHALL BE 1,000 GPM SINCE NO HOMES EXCEED 5,000 SF.
5. ELEVATIONS SHOWN ARE BASED ON NAVD 88 DATUM.
 6. VALVES SHALL NOT BE LOCATED IN SIDEWALKS OR CURBS.
 7. WATER, RECLAIMED WATER (UPSTREAM OF THE MASTER METER), AND WASTEWATER WILL BE OWNED AND MAINTAINED BY THE CITY OF DELAND.
- ALL WATER MAINS AND HYDRANTS TO BE INSTALLED AND IN SERVICE PRIOR TO COMBUSTIBLE CONSTRUCTION MATERIALS BEING BROUGHT ON SITE.
- 3M LOCATE BALLS TO BE PLACED PER CITY OF DELAND SPECIFICATIONS.
10. VALVES SHALL NOT BE LOCATED IN SIDEWALKS OR CURBS.

ALL WATER MAINS AND HYDRANTS TO BE INSTALLED AND IN SERVICE PRIOR TO COMBUSTIBLE CONSTRUCTION MATERIALS BEING BROUGHT ON SITE.

3M LOCATE BALLS TO BE PLACED PER CITY OF DELAND SPECIFICATIONS.

10. VALVES SHALL NOT BE LOCATED IN SIDEWALKS OR CURBS.



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UTILITY PLAN

SUMMIT PLACE

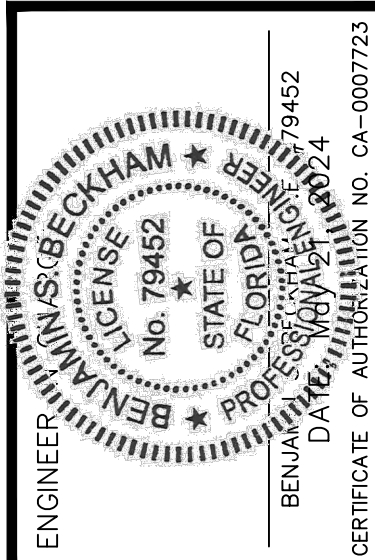
FLORIDA

CITY OF DELAND

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ORLANDO, FL 32832
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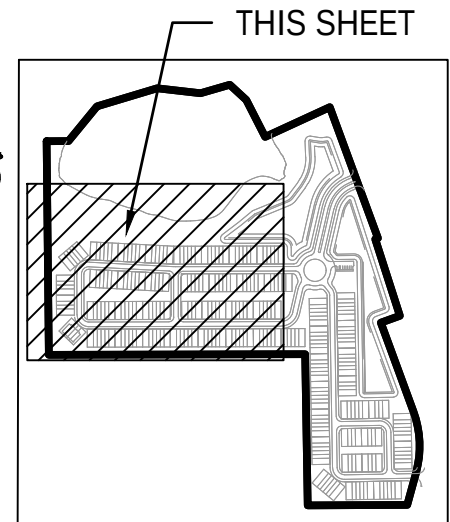
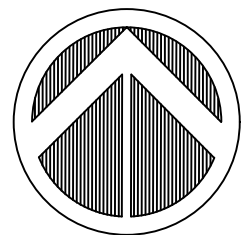
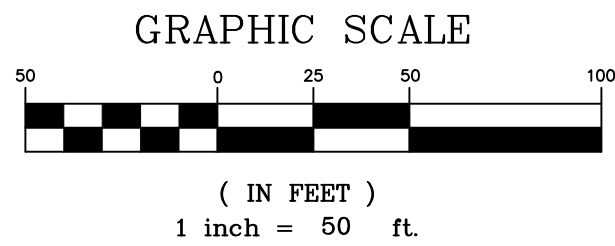
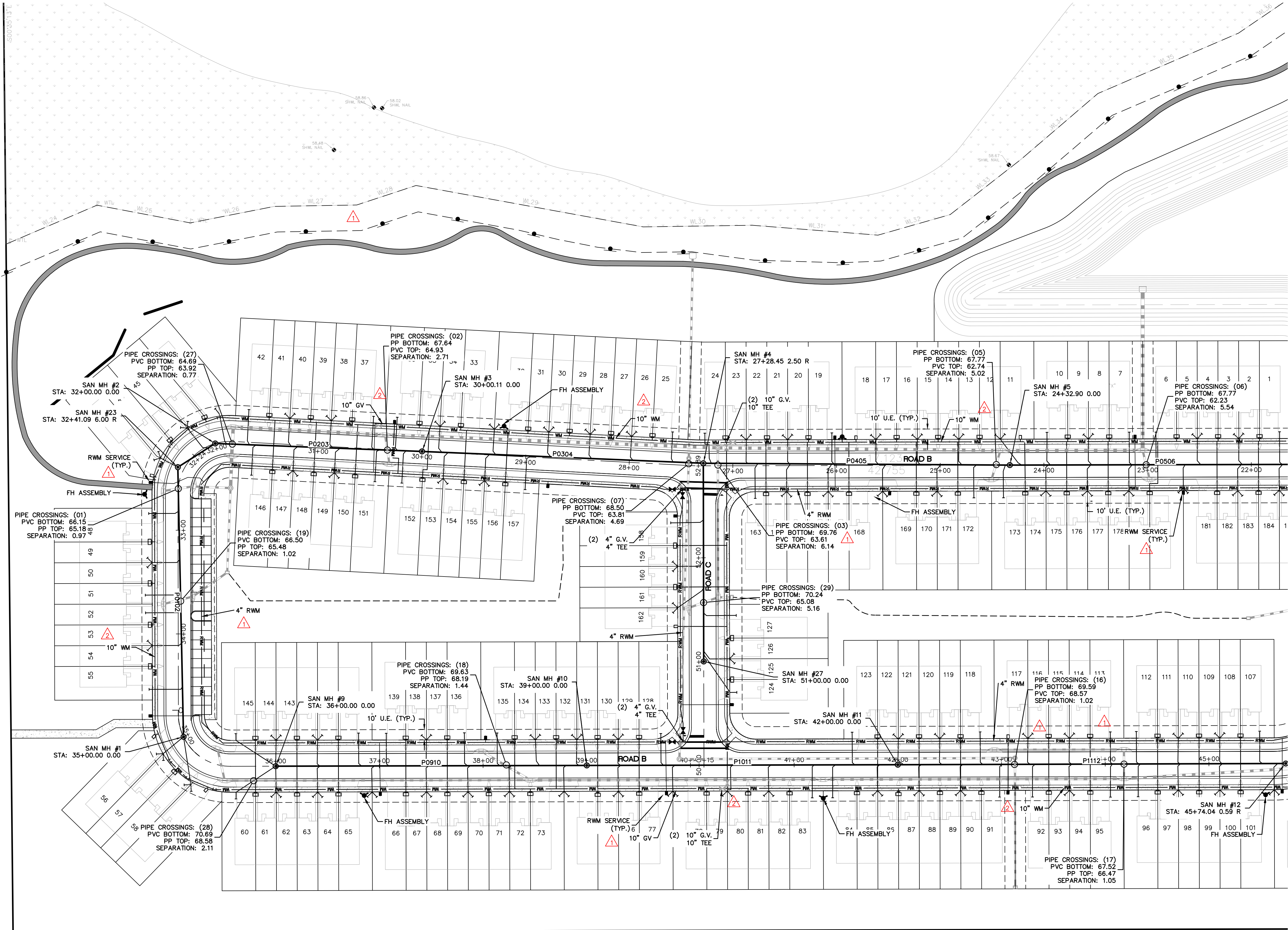
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ORLANDO, FL 32832
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	REV. PER. CITY OF BELMONT COMMENTS DATED 03/09/23
	REV. PER. Q3 REVIEW
1	3/15/23
2	1/23/24
3	
4	
5	
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10	
11	
	DATE REVISIONS

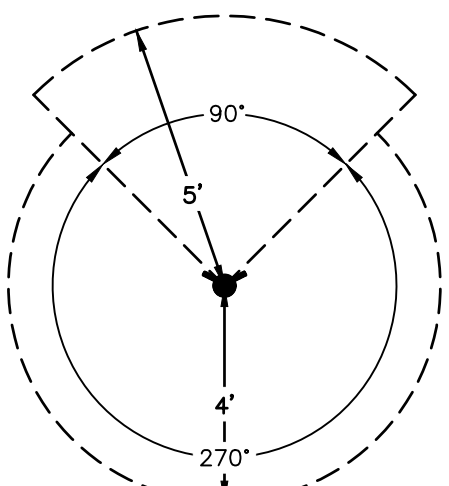
JOB # _____ 21086
DATE: _____ 02/20/23
SCALE: _____ 1"=50'
DESIGNED BY: _____ JT
DRAWN BY: _____ JT
APPROVED BY: _____ BSE

C201



KEY MAP
N.T.S.

TYPICAL UTILITY LEGEND	
DESCRIPTION	
FIRE HYDRANT ASSEMBLY	
DOUBLE SANITARY SERVICE	
SINGLE SANITARY SERVICE	
DOUBLE WM SERVICE	
SINGLE WM SERVICE	
DOUBLE RWM SERVICE	
SINGLE RWM SERVICE	
GATE VALVE	
WM OR RWM CROSS	
WM OR RWM TEE	
BLOW-OFF AND VALVE	
WATER MAIN	
RECLAIM WATER MAIN	

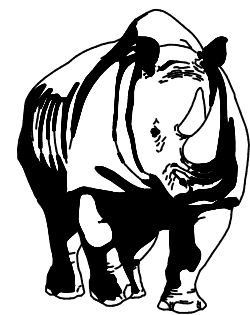


- NOTES:
1. NO OBSTRUCTIONS SHALL BE PLACED WITHIN A 4' CLEARANCE DISTANCE FROM THE REAR AND SIDES OF A FIRE HYDRANT.
 2. NO OBSTRUCTIONS SHALL BE PLACED OR GROWN IN FRONT OF A FIRE HYDRANT.

FIRE HYDRANT CLEARANCE DETAIL

NOTES:

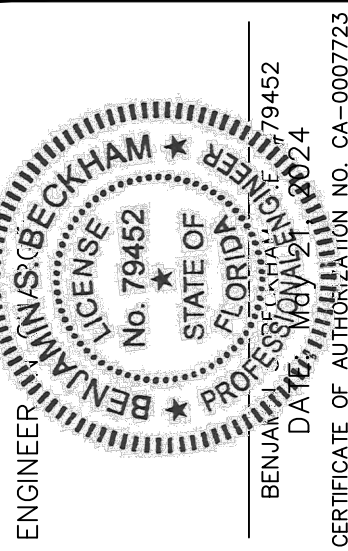
1. VALVES SHALL NOT BE LOCATED IN SIDEWALKS OR CURBS.
2. ALL WM SERVICES UNDER THE ROADWAY SHALL BE INSTALLED IN 2" SCHEDULE 40 PVC CASING PIPE.
3. KEPLER OR MLK RECLAIM LINE HAS BEEN INSTALLED PREVIOUS TO CONSTRUCTION.



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UTILITY PLAN
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

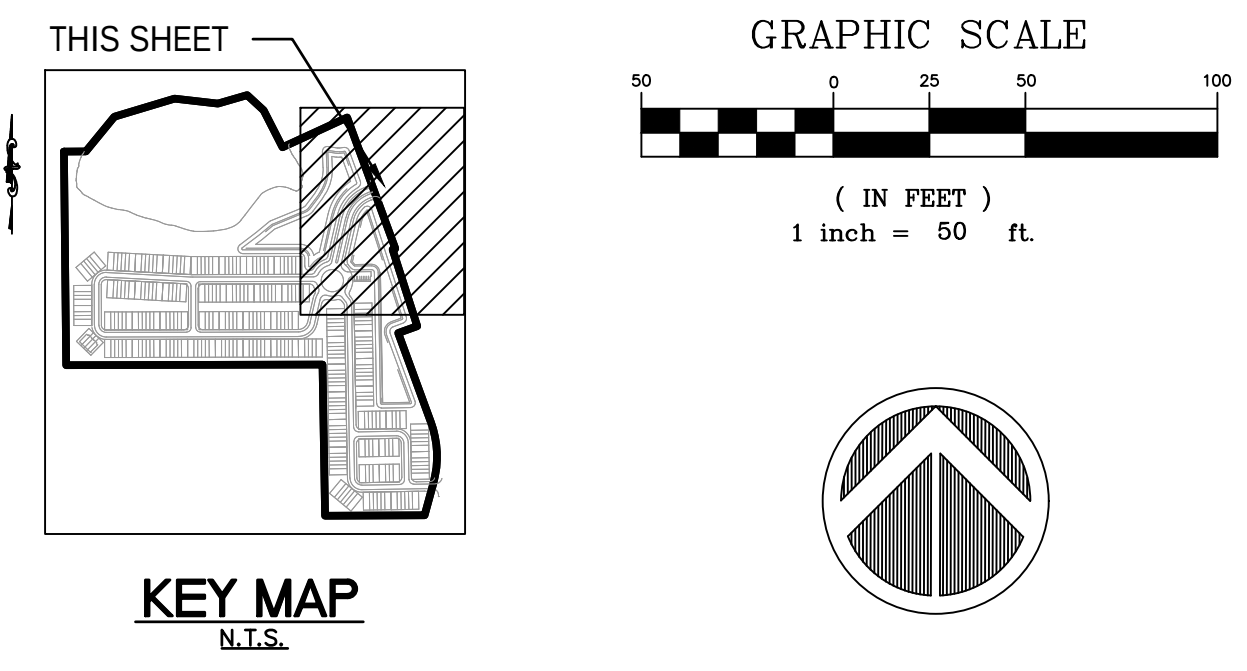
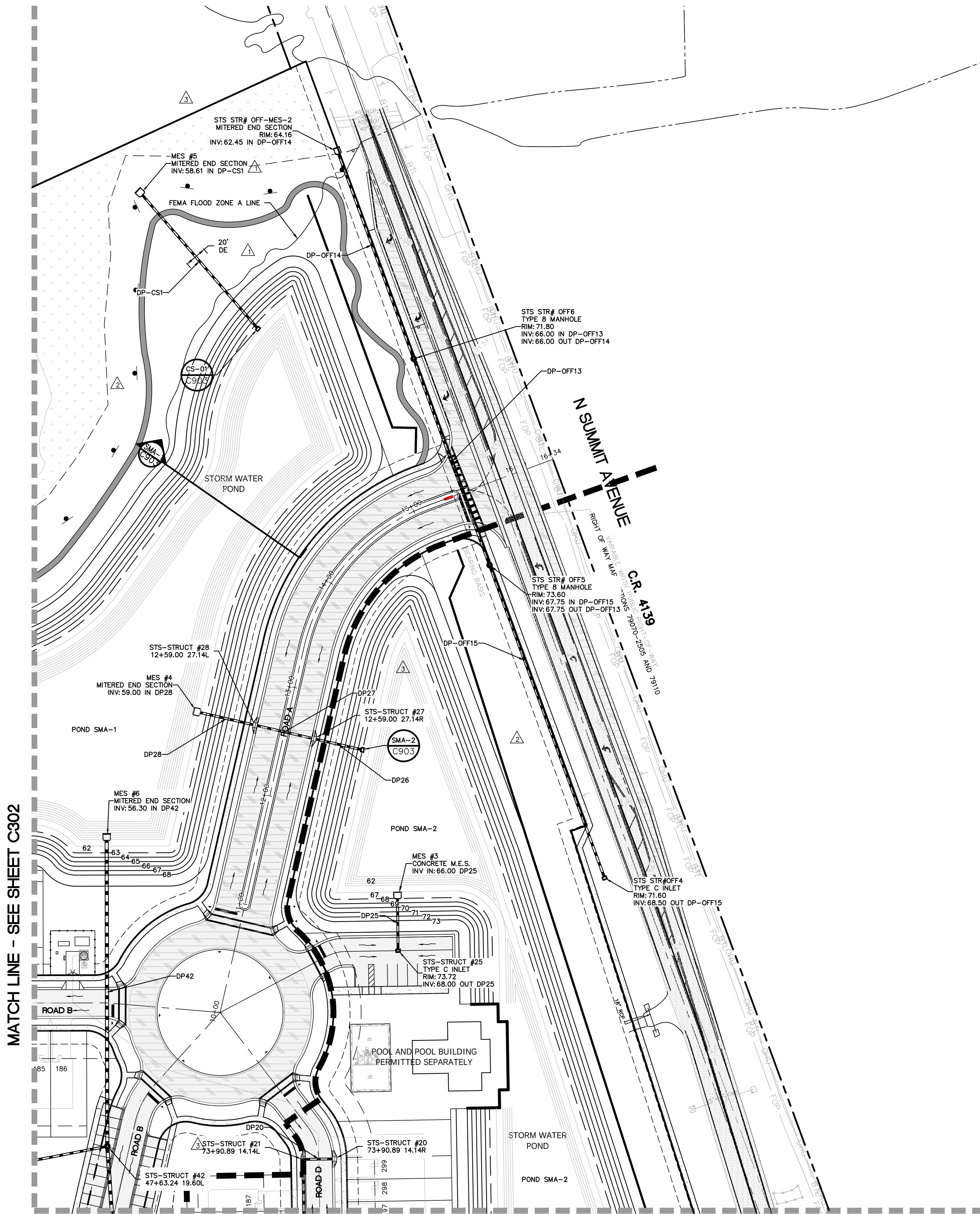
DR. HORTON
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ORLANDO, FL 32832
(407) 850-5200



DATE	REVISIONS
03/09/23	REV. PER CITY OF DELAND COMMENTS DATED 03/09/23
07/23/24	REV. PER QC REVIEW
08/09/24	REV. PER QC REVIEW
09/09/24	REV. PER QC REVIEW
10/09/24	REV. PER QC REVIEW
11/09/24	REV. PER QC REVIEW

JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C202



STRUCTURE TABLE		STRUCTURE TABLE		STRUCTURE TABLE		STRUCTURE TABLE	
STRUCTURE:	DETAILS:	STRUCTURE:	DETAILS:	STRUCTURE:	DETAILS:	STRUCTURE:	DETAILS:
MES #1	RM = 64.71	STS-STRUCT #18	RM = 75.66	STS-STRUCT #42	RM = 73.65	STS STR# OFF-MES-1	RM = 71.16
MITERED END SECTION	INV. IN = 62.00 (DP17)	TYPE V INLET	INV. OUT = 70.99 (DP18)	FOOT TYPE J MANHOLE	INV. IN = 62.53 (DP40)	MITERED END SECTION	INV. IN = 69.53 (DP-OFF4)
MES #2	RM = 66.15	STS-STRUCT #19	RM = 75.34	STS-STRUCT #43	RM = 71.94	STS STR# OFF-1	RM = 75.30
MITERED END SECTION	INV. IN = 64.00 (DP24)	TYPE V INLET	INV. IN = 70.60 (DP19)	TYPE V INLET	INV. OUT = 62.53 (DP42)	12" DOME GRATE	INV. OUT = 70.11 (DP-OFF1)
MES #3	RM = 67.63	STS-STRUCT #20	RM = 73.47	TYPE V INLET	INV. OUT = 63.90 (DP43)	STS STR# OFF-2	RM = 73.30
MITERED END SECTION	INV. IN = 66.00 (DP25)	TYPE V INLET	INV. OUT = 68.92 (DP20)	STS-STRUCT #44	RM = 71.90	TYPE PB MANHOLE	INV. IN = 69.70 (DP-OFF1)
MES #6	RM = 59.01	STS-STRUCT #21	RM = 73.47	TYPE V INLET	INV. IN = 63.80 (DP44)	STS STR# OFF-3	RM = 71.11
MITERED END SECTION	INV. IN = 56.30 (DP42)	TYPE V INLET	INV. IN = 68.86 (DP21)	TYPE V INLET	INV. OUT = 63.80 (DP44)	TYPE PB MANHOLE	INV. IN = 69.21 (DP-OFF2)
MES #7	RM = 59.21	STS-STRUCT #22	RM = 74.07	STS-STRUCT #45	RM = 71.50	STS STR# OFF-4	RM = 75.27
MITERED END SECTION	INV. IN = 56.00 (DP80)	TYPE V INLET	INV. OUT = 68.82 (DP22)	FOOT TYPE C INLET	INV. OUT = 63.64 (DP45)	TYPE PB MANHOLE	INV. IN = 68.63 (DP-OFF4)
STS-STRUCT #1	RM = 75.54	STS-STRUCT #23	RM = 74.07	STS-STRUCT #46	RM = 71.03	STS STR# OFF-MES-2	RM = 64.16
TYPE V INLET	INV. OUT = 72.00 (DP1)	TYPE V INLET	INV. IN = 68.20 (DP23)	TYPE V INLET	INV. IN = 63.57 (DP46)	MITERED END SECTION	INV. IN = 62.45 (DP-OFF14)
STS-STRUCT #2	RM = 75.54	STS-STRUCT #24	RM = 75.00	STS-STRUCT #47	RM = 70.99	STS STR# OFF5	RM = 73.60
TYPE V INLET	INV. IN = 71.91 (DP1)	TYPE V INLET	INV. IN = 68.14 (DP24)	TYPE V INLET	INV. IN = 63.51 (DP47)	TYPE 8 MANHOLE	INV. IN = 67.75 (DP-OFF15)
STS-STRUCT #3	RM = 75.58	STS-STRUCT #25	RM = 73.72	STS-STRUCT #48	RM = 71.19	STS STR# OFF6	RM = 71.80
FOOT TYPE J MANHOLE	INV. IN = 69.67 (DP2)	FOOT TYPE J MANHOLE	INV. OUT = 67.92 (DP24)	FOOT TYPE J MANHOLE	INV. IN = 63.39 (DP48)	TYPE 8 MANHOLE	INV. IN = 66.00 (DP-OFF13)
STS-STRUCT #4	RM = 75.58	STS-STRUCT #26	RM = 73.98	STS-STRUCT #49	RM = 70.51	STS STR# OFF7	RM = 71.60
FOOT TYPE J MANHOLE	INV. IN = 69.56 (DP3)	TYPE C INLET	INV. OUT = 67.07 (DP25)	1" type V INLET	INV. OUT = 63.35 (DP49)	STS STR# OFF8	RM = 71.60
STS-STRUCT #5	RM = 75.58	STS-STRUCT #29	RM = 73.27	STS-STRUCT #50	RM = 70.51	STS STR# OFF9	RM = 71.60
TYPE V INLET	INV. IN = 71.50 (DP5)	TYPE V INLET	INV. OUT = 67.07 (DP29)	TYPE V INLET	INV. OUT = 61.23 (DP49)	TYPE C INLET	INV. OUT = 68.50 (DP-OFF15)
STS-STRUCT #7	RM = 75.93	STS-STRUCT #30	RM = 73.37	STS-STRUCT #51	RM = 72.02		
TYPE V INLET	INV. IN = 68.35 (DP4)	TYPE V INLET	INV. IN = 67.00 (DP29)	TYPE V INLET	INV. OUT = 67.80 (DP51)		
STS-STRUCT #8	RM = 75.96	STS-STRUCT #31	RM = 75.42	STS-STRUCT #52	RM = 72.02		
TYPE V INLET	INV. IN = 71.50 (DP5)	TYPE V INLET	INV. OUT = 66.53 (DP31)	TYPE V INLET	INV. IN = 67.74 (DP52)		
STS-STRUCT #9	RM = 74.00	STS-STRUCT #32	RM = 75.75	STS-STRUCT #53	RM = 74.87		
TYPE V INLET	INV. OUT = 69.96 (DP8)	TYPE V INLET	INV. IN = 66.43 (DP32)	STS-STRUCT #54	RM = 74.50		
STS-STRUCT #10	RM = 74.00	STS-STRUCT #33	RM = 75.75	STS-STRUCT #55	RM = 74.87		
TYPE V INLET	INV. OUT = 69.96 (DP8)	TYPE V INLET	INV. OUT = 66.43 (DP33)	STS-STRUCT #56	RM = 75.29		
STS-STRUCT #11	RM = 75.38	STS-STRUCT #34	RM = 75.84	STS-STRUCT #57	RM = 72.81		
FOOT TYPE J MANHOLE	INV. IN = 67.01 (DP7)	TYPE V INLET	INV. IN = 65.85 (DP34)	FOOT TYPE J MANHOLE	INV. IN = 69.84 (DP56)		
STS-STRUCT #12	RM = 75.70	STS-STRUCT #35	RM = 73.98	STS-STRUCT #58	RM = 71.48		
FOOT TYPE C INLET	INV. IN = 67.70 (DP9)	TYPE V INLET	INV. OUT = 65.35 (DP35)	TYPE V INLET	INV. IN = 67.80 (DP57)		
STS-STRUCT #17	RM = 76.71	STS-STRUCT #36	RM = 72.57	STS-STRUCT #59	RM = 72.81		
FOOT TYPE C INLET	INV. OUT = 67.01 (DP10)	TYPE V INLET	INV. IN = 64.87 (DP36)	TYPE V INLET	INV. OUT = 70.34 (DP55)		
STS-STRUCT #18	RM = 74.77	STS-STRUCT #37	RM = 72.57	STS-STRUCT #60	RM = 72.81		
TYPE V INLET	INV. IN = 69.42 (DP11)	TYPE V INLET	INV. IN = 65.27 (DP34)	STS-STRUCT #61	RM = 73.01		
STS-STRUCT #19	RM = 75.75	STS-STRUCT #38	RM = 74.07	STS-STRUCT #62	RM = 73.01		
TYPE V INLET	INV. OUT = 69.75 (DP12)	TYPE V INLET	INV. IN = 64.79 (DP37)	TYPE V INLET	INV. IN = 67.80 (DP58)		
STS-STRUCT #23	RM = 75.40	STS-STRUCT #39	RM = 73.01	STS-STRUCT #63	RM = 72.81		
FOOT TYPE J MANHOLE	INV. IN = 66.25 (DP13)	TYPE V INLET	INV. OUT = 64.20 (DP38)	STS-STRUCT #64	RM = 71.48		
STS-STRUCT #25	RM = 75.50	STS-STRUCT #40	RM = 73.01	STS-STRUCT #65	RM = 72.81		
FOOT TYPE J MANHOLE	INV. OUT = 66.00 (DP15)	FOOT TYPE J MANHOLE	INV. IN = 64.41 (DP39)	TYPE V INLET	INV. IN = 67.80 (DP59)		
STS-STRUCT #31	RM = 76.11	STS-STRUCT #40A	RM = 73.00	STS-STRUCT #69	RM = 75.60		
TYPE V INLET	INV. OUT = 67.00 (DP16)	FOOT TYPE C INLET	INV. OUT = 62.86 (DP40A)	TYPE V INLET	INV. IN = 67.80 (DP60)		
STS-STRUCT #37	RM = 75.87	STS-STRUCT #41	RM = 71.50	STS-STRUCT #70	RM = 75.87		
TYPE V INLET	INV. IN = 65.75 (DP15)	FOOT TYPE C INLET	INV. OUT = 67.12 (DP41)	STS-STRUCT #71	RM = 75.87		
STS-STRUCT #38	RM = 75.87			STS-STRUCT #72	RM = 75.87		
TYPE V INLET	INV. IN = 65.75 (DP15)			STS-STRUCT #73	RM = 75.87		
STS-STRUCT #39	RM = 75.87			STS-STRUCT #74	RM = 75.87		
TYPE V INLET	INV. IN = 65.75 (DP15)			STS-STRUCT #75	RM = 75.87		
STS-STRUCT #40	RM = 75.87			STS-STRUCT #76	RM = 75.87		
TYPE V INLET	INV. OUT = 65.50 (DP17)			STS-STRUCT #77	RM = 75.87		

PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MAT'L
DP1	18"	28.94'	0.32%	PP
DP2	18"	40.45'	0.20%	PP
DP3	18"	53.46'	0.20%	PP
DP4	18"	131.98'	0.92%	PP
DP5	18"	28.80'	0.87%	PP
DP7	24"	145.02'	0.92%	PP
DP8	18"	28.31'	0.20%	PP
DP9	18"	69.97'	0.14%	PP
DP10	24"	199.57'	0.20%	PP
DP11	18"	49.50'	2.28%	PP
DP12	18"	28.22'	2.07%	PP
DP13	30"	83.22'	0.43%	PP
DP14	30"	28.72'	0.87%	PP
DP15	30"	86.44'	0.28%	PP
DP16	18"	46.60'	0.51%	PP
DP17	30"	154.18'	0.32%	PP
DP18	18"	65.04'	0.60%	PP
DP19	18"	237.43'	1.01%	PP
DP20	18"	28.24'	0.21%	PP
DP21	24"	105.95'	0.21%	PP

PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MAT'L
DP22	24"	28.75'	0.20%	PP
DP23	24"	107.72'	0.20%	PP
DP24	24"	46.03'	8.52%	PP
DP25	18"	48.98'	4.08%	PP
DP29	18"	31.84'	0.20%	PP
DP30	18"	294.65'	0.19%	PP
DP31	18"	55.19'	0.18%	PP
DP33	24"	282.27'	0.17%	PP
DP34	24"	290.32'	0.20%	PP
DP35	18"	124.82'	0.39%	PP
DP36	18"	28.26'	0.30%	PP
DP37	24"	188.11'	0.20%	PP
DP38	18"	28.10'	0.71%	PP
DP39	24"	59.03'	0.68%	PP
DP40	30"	120.85'	0.27%	PP
DP40A	18"	42.66'	1.17%	PP
DP41	18"	102.77'	3.79%	PP
DP42	30"	277.29'	2.25%	PP
DP43	18"	28.98'	0.35%	PP
DP44	18"	40.59'	0.39%	PP

PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MAT'L
DP45	18"	81.46'	0.31%	PP
DP46	18"	29.85'	0.20%	PP
DP47	18"	33.20'	0.38%	PP
DP48	30"	30.82'	0.20%	PP
DP49	30"	28.25'	0.20%	PP
DP50	30"	146.63'	0.20%	PP
DP51	18"	28.83'	0.21%	PP
DP52	30"	321.16'	0.20%	PP
DP53	18"	29.88'	0.20%	PP
DP54	18"	13.15'	0.23%	PP
DP55	18"	144.12'	0.35%	PP
DP56	30"	272.52'	0.20%	PP
DP57	18"	29.66'	0.67%	PP
DP58	30"	137.18'	0.21%	PP
DP59	18"	28.90'	0.68%	PP
DP60	36"	154.28'	2.21%	PP

PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MAT'L
DP-OFF1	18"	124.66'	0.33%	PP
DP-OFF2	18"	323.65'	0.20%	PP
DP-OFF3	18"	290.18'	0.20%	PP
DP-OFF4	18"	194.67'	0.18%	PP
DP-OFF13	18"	197.80'	0.88%	PP
DP-OFF14	18"	198.37'	1.79%	PP
DP-OFF15	18"	300.00'	0.25%	PP

PIPE TABLE				
NAME	SIZE	LENGTH	SLOPE	MAT'L
DP-CS1	18"	161.31'	0.20%	PP
DP26	18"	44.86'	3.34%	PP
DP27	18"	54.27'	0.92%	PP
DP28	18"	52.95'	7.55%	PP

MATCH LINE - SEE SHEET C302

MATCH LINE - SEE SHEET C303

MADDEN
WOODHEAD & STOKES, LLC
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

DRAINAGE PLAN
FOR
SUMMIT PLACE
CITY OF DELAND, FLORIDA

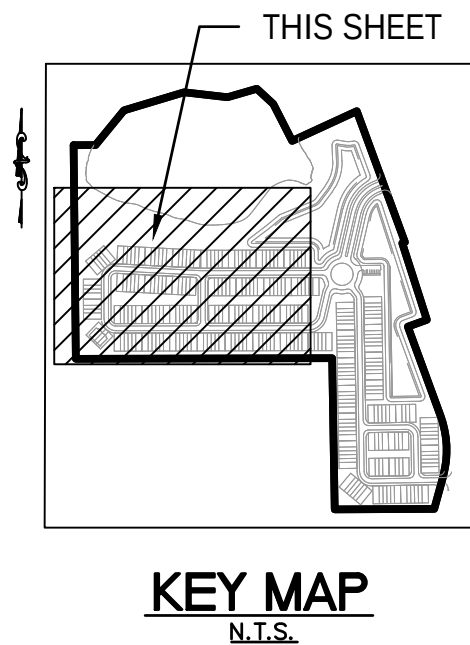
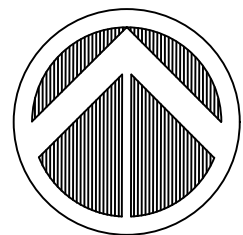
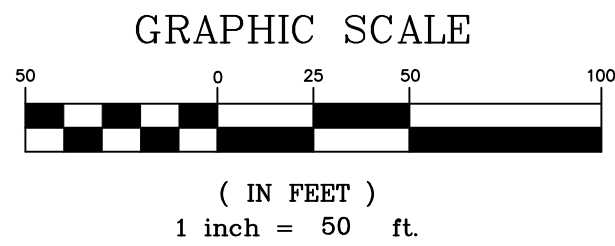
DR. HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BECKHAM
STATE OF FLORIDA
NO. 19452
DATE: 07/20/24
CITY OF DELAND, FLORIDA
PROJECT: SUMMIT PLACE
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

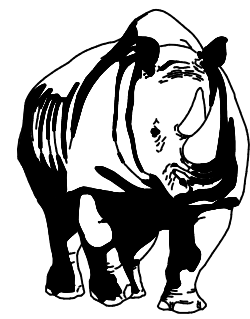
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2	10/27/23	REVISED PER SHAWMUT COMMENTS
3	02/07/24	CONTRACTOR RFI
4	07/20/24	DATE
5	07/20/24	DATE
6	07/20/24	DATE
7	07/20/24	DATE
8	07/20/24	DATE
9	07/20/24	DATE
10	07/20/24	DATE
11	07/20/24	DATE

JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C301



KEY MAP
N.T.S.



MADDEN
MOORHEAD & STOKES, LLC
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

DRAINAGE PLAN

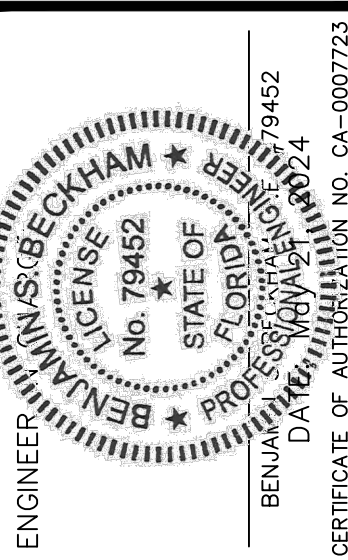
FOR

SUMMIT PLACE

FLORIDA

CITY OF DELAND

DR HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

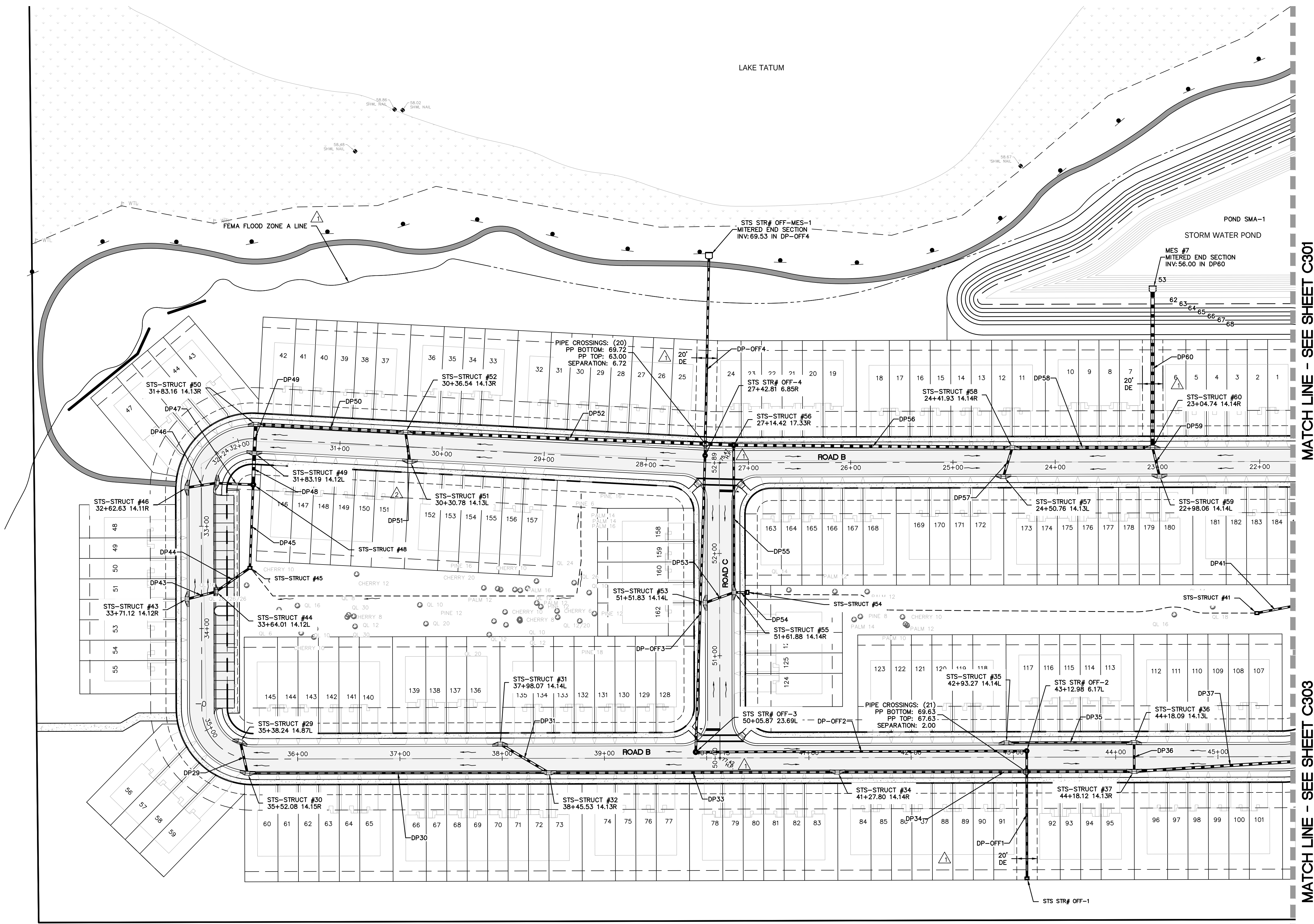


REV	DATE	REVISIONS
1	3/15/23	REV PER CITY OF DELAND COMMENTS DATED 03/09/23
2	1/23/24	REV PER QC REVIEW
3	02/02/2024	CONTRACTOR RT
4		
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

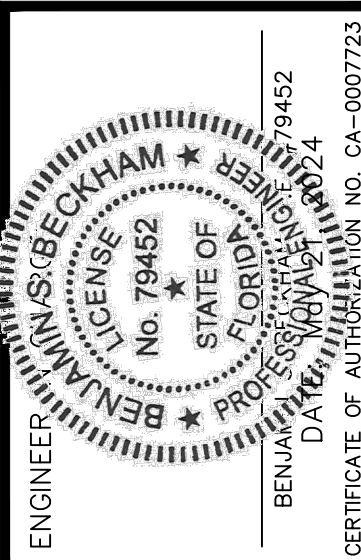


C302



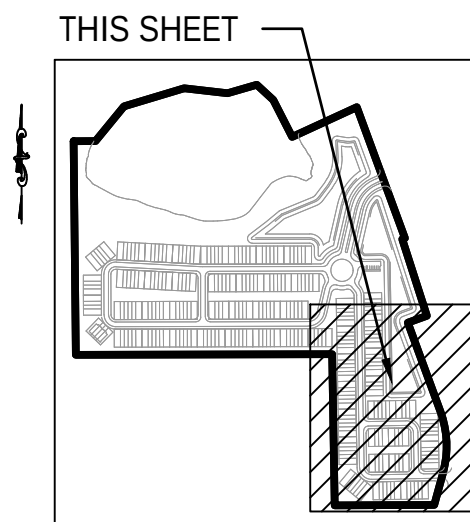
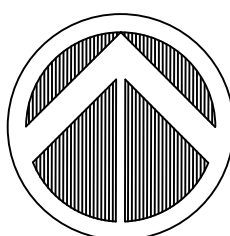
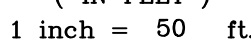
FLORIDA

0192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



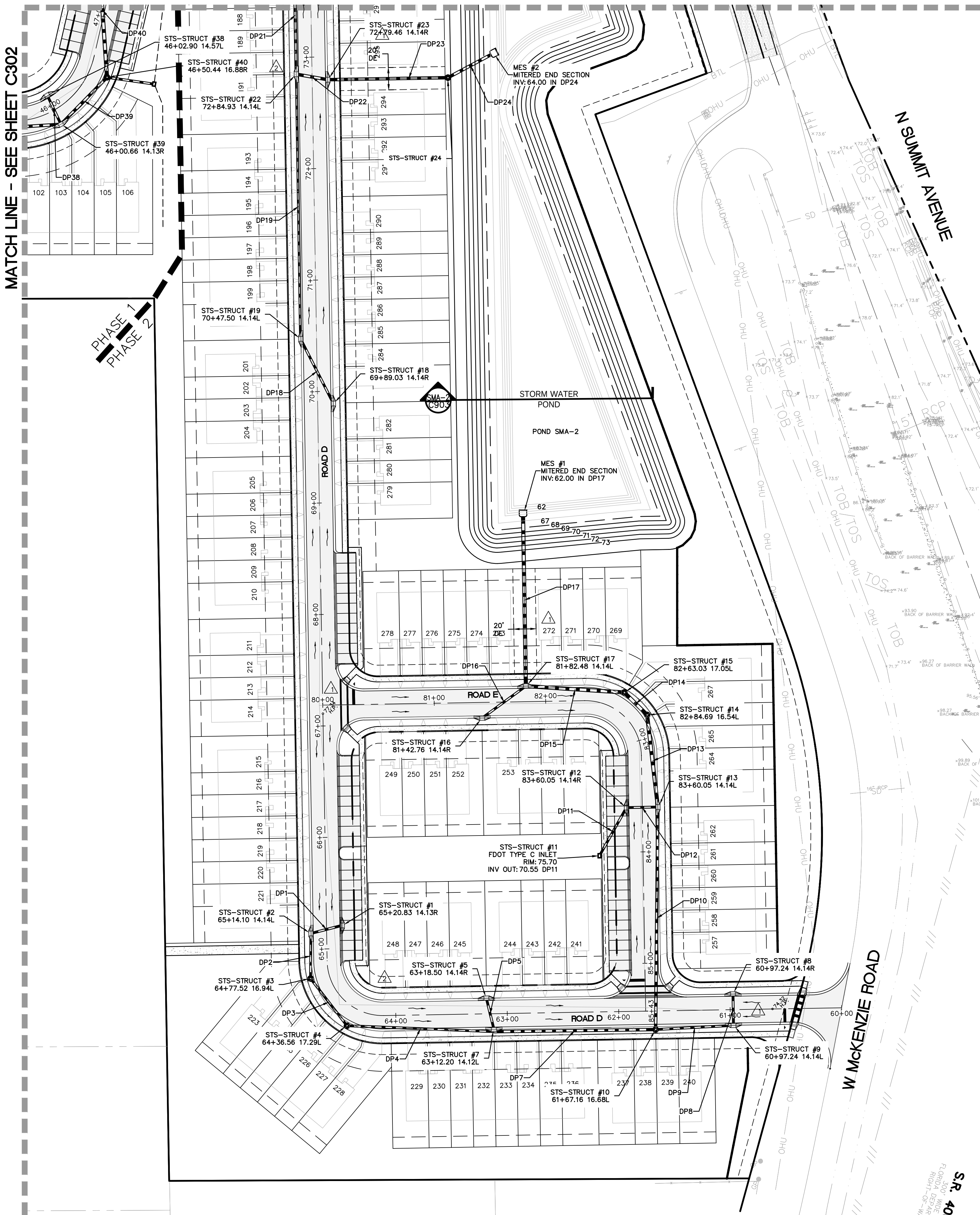
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2	1/23/24	REV. PER QC REVIEW
3	02/02/2024	CONTRACTOR RFI
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11		

JOB # _____ 2108
DATE: _____ 02/20/23
SCALE: _____ 1"=56'
DESIGNED BY: _____ JT
DRAWN BY: _____ JT
APPROVED BY: _____ BS



KEY MAP
N.T.S.

MATCH LINE - SEE SHEET C302



S.R. 40
300' WIDE
FLORIDA DEPAR
RIGHT-OF-WAY



GRADING PLAN

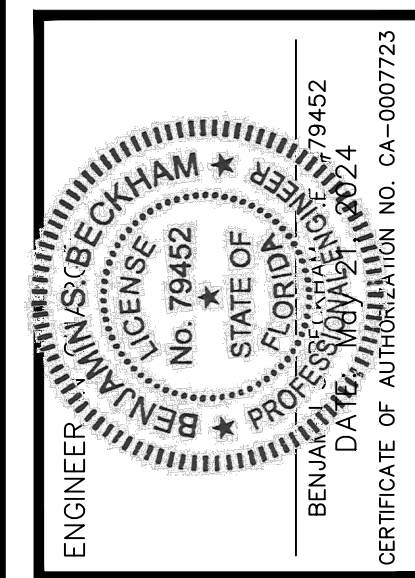
FOR

SUMMIT PLACE

CITY OF DELAND

FLORIDA

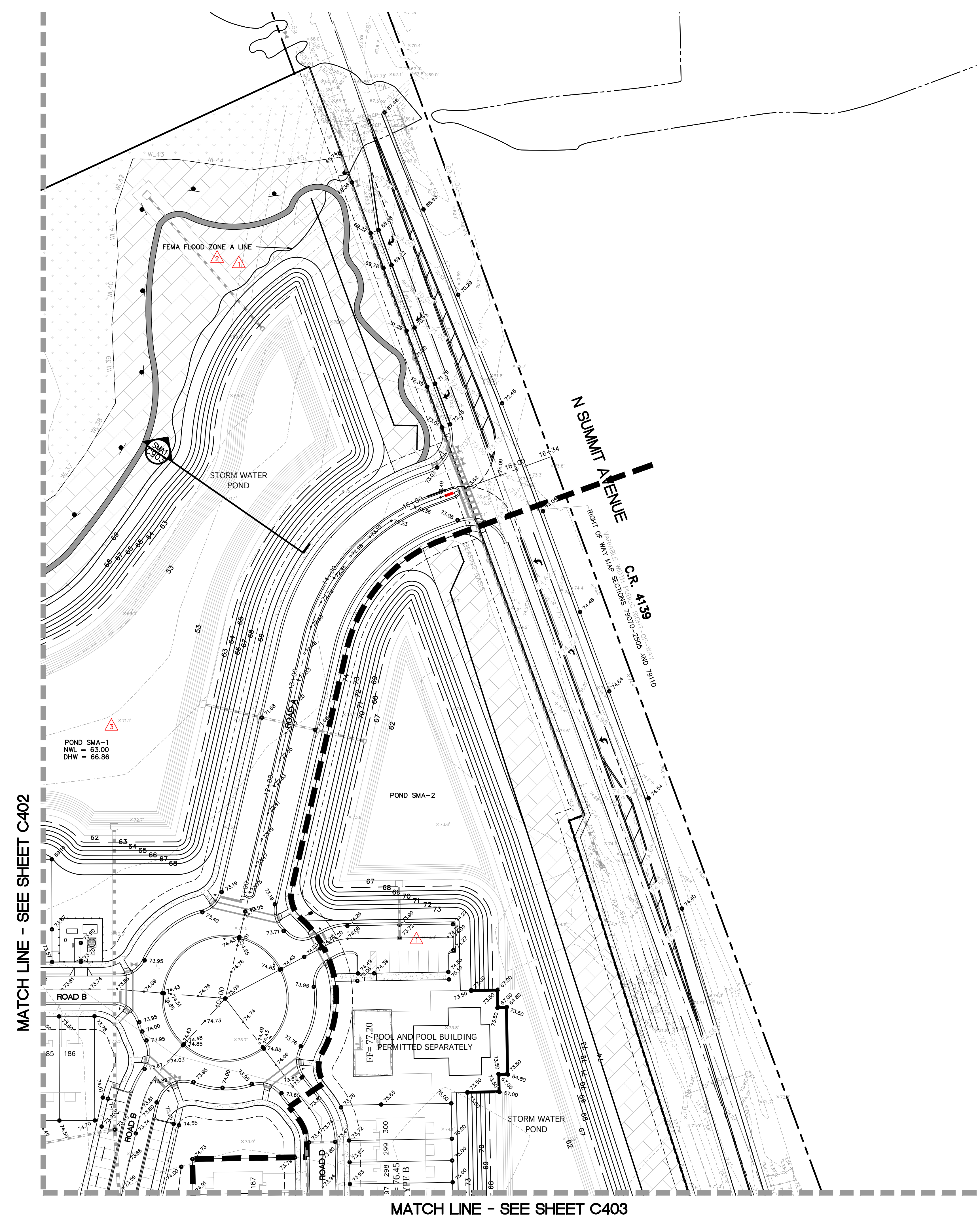
DR HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



1	3/15/23	REV. PER CITY OF DELAND COMMENTS DATED 3/9/23
2	6/13/23	REV. PER SRMDO
3	1/25/24	REV. PER OC REVIEW
4	02/03/2024	CONTRACTOR RFI
5		
6		
7		
8		
9		
10		
11		
	DATE	REVISIONS

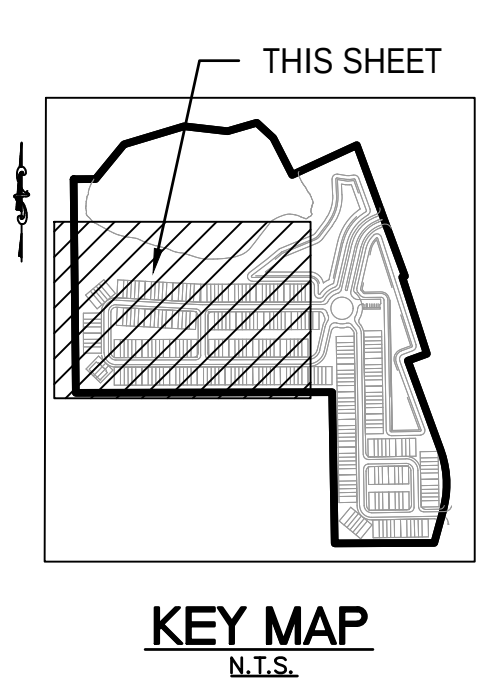
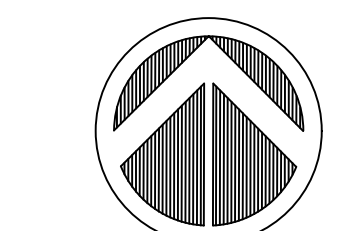
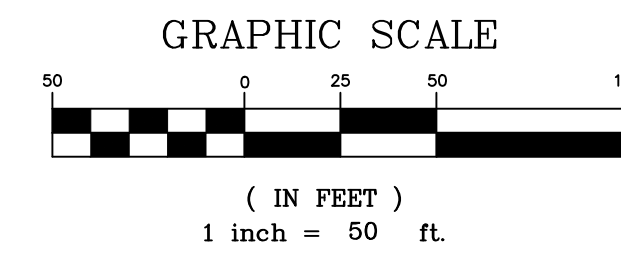
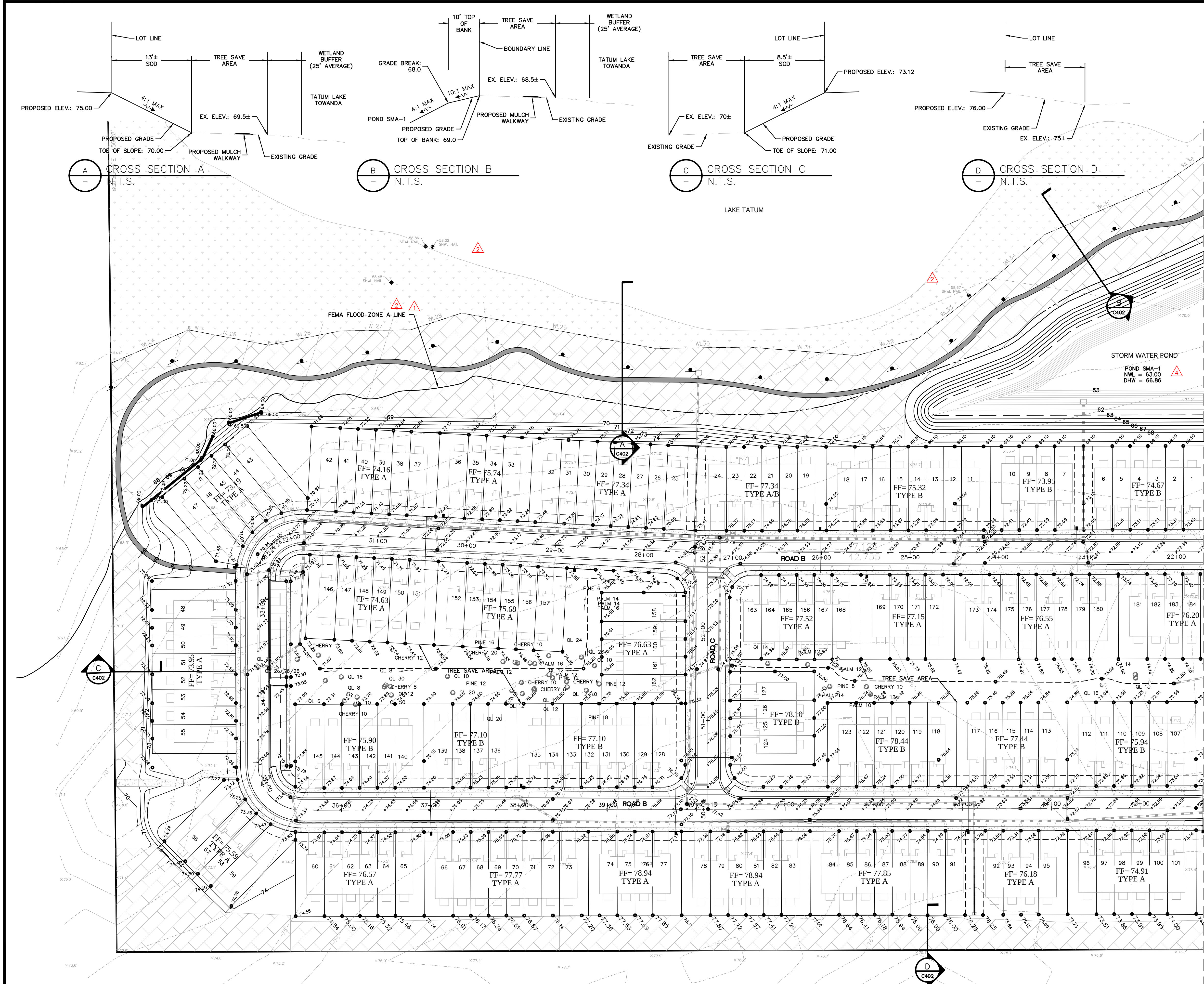
JOB # _____ 21086
DATE: _____ 02/20/23
SCALE: _____ 1"=50'
DESIGNED BY: _____ JTT
DRAWN BY: _____ JTT
APPROVED BY: _____ BSB

C401



NOTES:

1. ALL LOTS THAT HAVE SLOPES GREATER THAN 20% FROM FFE TO SIDE LOT LINE WILL REQUIRE A THICKENED EDGE SLAB.
2. ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 12" ABOVE THE CENTER LINE ELEVATION OF THE ADJACENT ROADWAY.
3. ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 12" ABOVE THE ESTABLISHED BASE FLOOR ELEVATION AND/OR 12" ABOVE THE 100 YR 24HR DESIGN HIGH WATER ELEVATION OF THE ADJACENT DETENTION AREA.
4. MAXIMUM GRADE TRANSITION SLOPE AND SWALE SIDE SLOPE IS 4:1 (H:V)
5. MINIMUM GUTTER SLOPE IS 0.24%.
6. SEE SHEET C701 FOR PROPOSED SEDIMENTATION CONTROL TECHNIQUES.
7. CONTRACTOR TO GRADE LOT PAD 10" (0.83') LOWER THAN FINISHED FLOOR ELEVATION.



MATCH LINE - SEE SHEET C401

MATCH LINE - SEE SHEET C403

- NOTES:
1. ALL LOTS THAT HAVE SLOPES GREATER THAN 20% FROM FFE TO SIDE LOT LINE WILL REQUIRE A THICKENED EDGE SLAB.
 2. ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 12" ABOVE THE CENTER LINE ELEVATION OF THE ADJACENT ROADWAY.
 3. ALL FINISHED FLOOR ELEVATIONS SHALL BE A MINIMUM OF 12" ABOVE THE ESTABLISHED BASE FLOOD ELEVATION AND/OR 12" ABOVE THE 100 YR 24HR DESIGN HIGH WATER ELEVATION OF THE ADJACENT DETENTION AREA.
 4. MAXIMUM GRADE TRANSITION SLOPE AND SWALE SIDE SLOPE IS 4:1 (H:V)
 5. MINIMUM GUTTER SLOPE IS 0.24%.
 6. SEE SHEET C701 FOR PROPOSED SEDIMENTATION CONTROL TECHNIQUES.
 7. NO CLEARING OR GRADING WITHIN TREE SAVE AREA

MADDEN
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CIVIL ENGINEERS
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GRADING PLAN
FOR
SUMMIT PLACE
CITY OF BELAND
FLORIDA

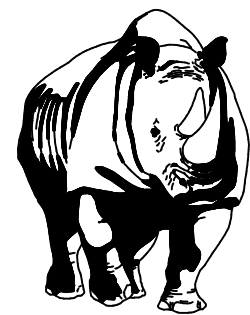
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BLOCHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE: 07/20/23
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

REV.	DATE	DESCRIPTION
1	03/05/23	REV. PER CITY OF BELAND COMMENTS DATED 03/09/23
2	07/20/23	REV. PER SRWMD
3	07/20/23	REV. PER QC REVIEW

DATE	REVISIONS
07/20/23	21886
07/20/23	02/20/23
07/20/23	1"=50'
07/20/23	JTT
07/20/23	JTT
07/20/23	BSB

C402

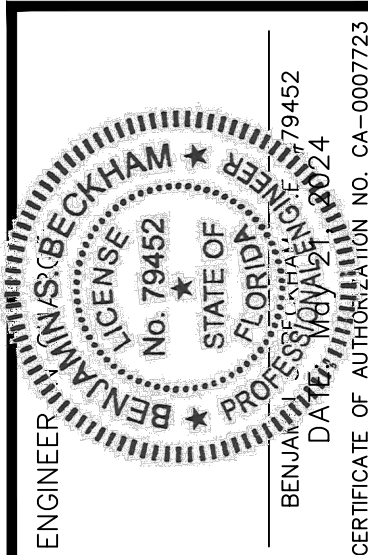


MADDEN
MOORHEAD & STOKES, LLC
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

OFF-SITE DIMENSION, STRIPING, AND SIGNAGE PLAN
FOR
SUMMIT PLACE
CITY OF BELAND FLORIDA

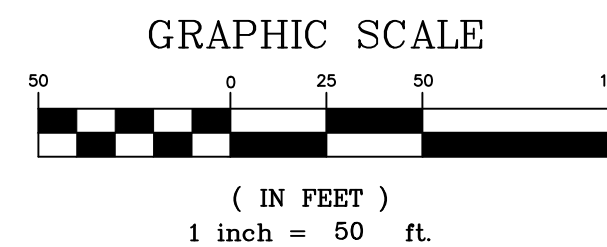
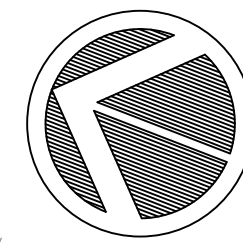
DR. HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200



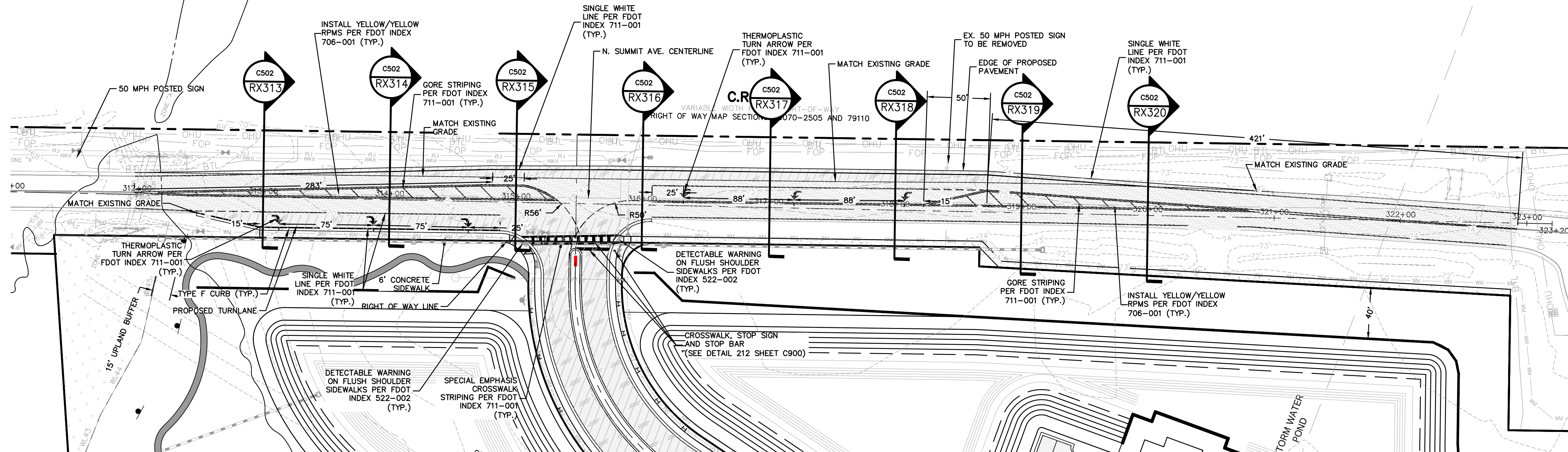
NO.	DATE	REVISIONS
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

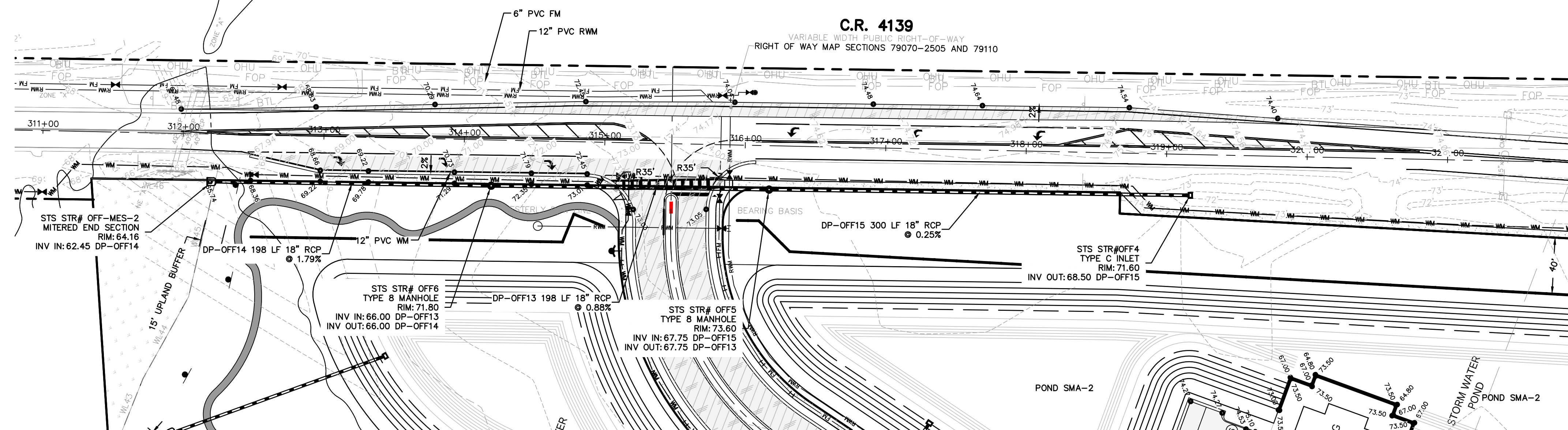
C501



HATCH LEGEND



OFFSITE DEMINESION, STRIPING AND SIGNAGE PLAN
N SUMMIT AVENUE



OFFSITE GRADING AND DRAINAGE PLAN
N SUMMIT AVENUE

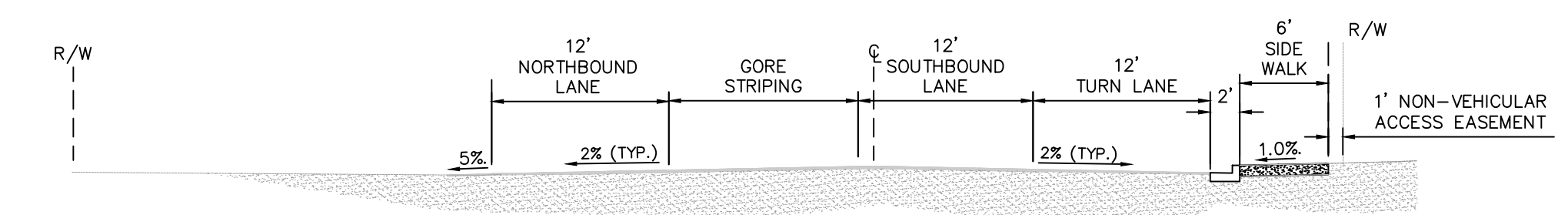
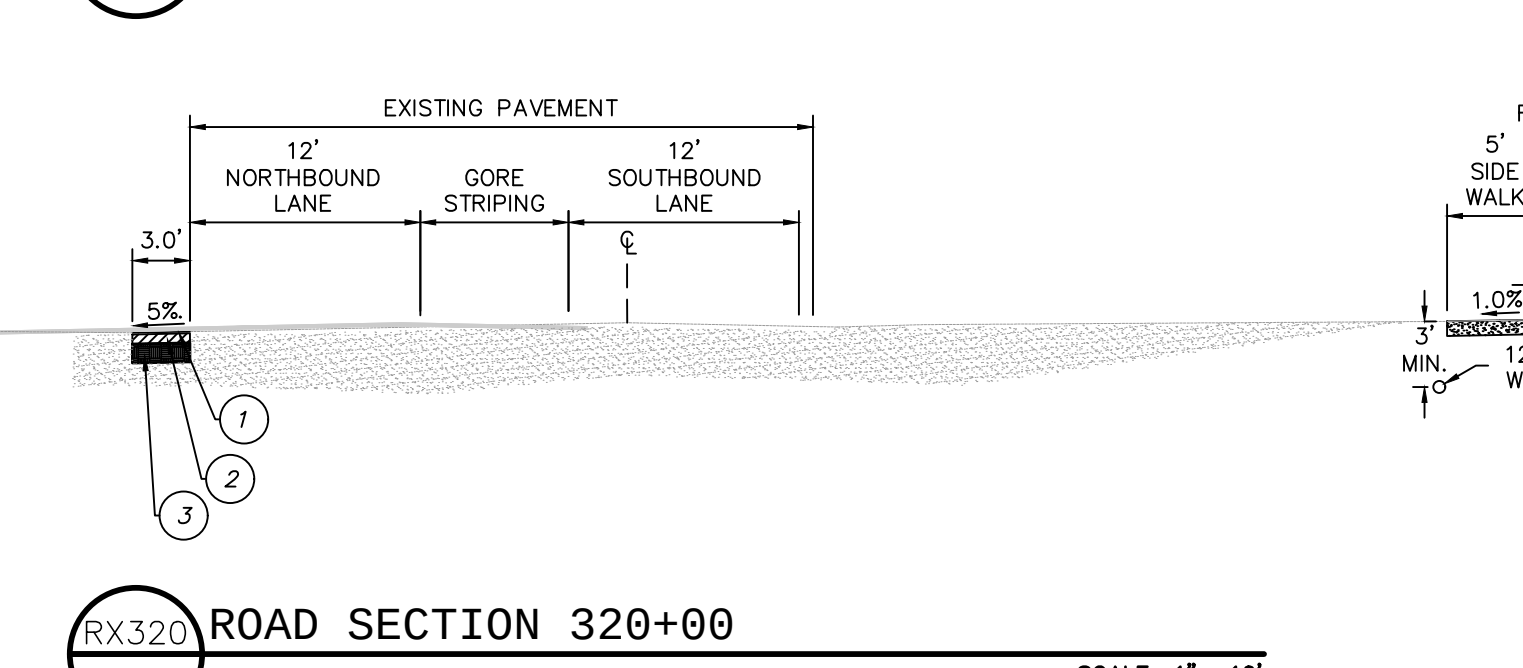
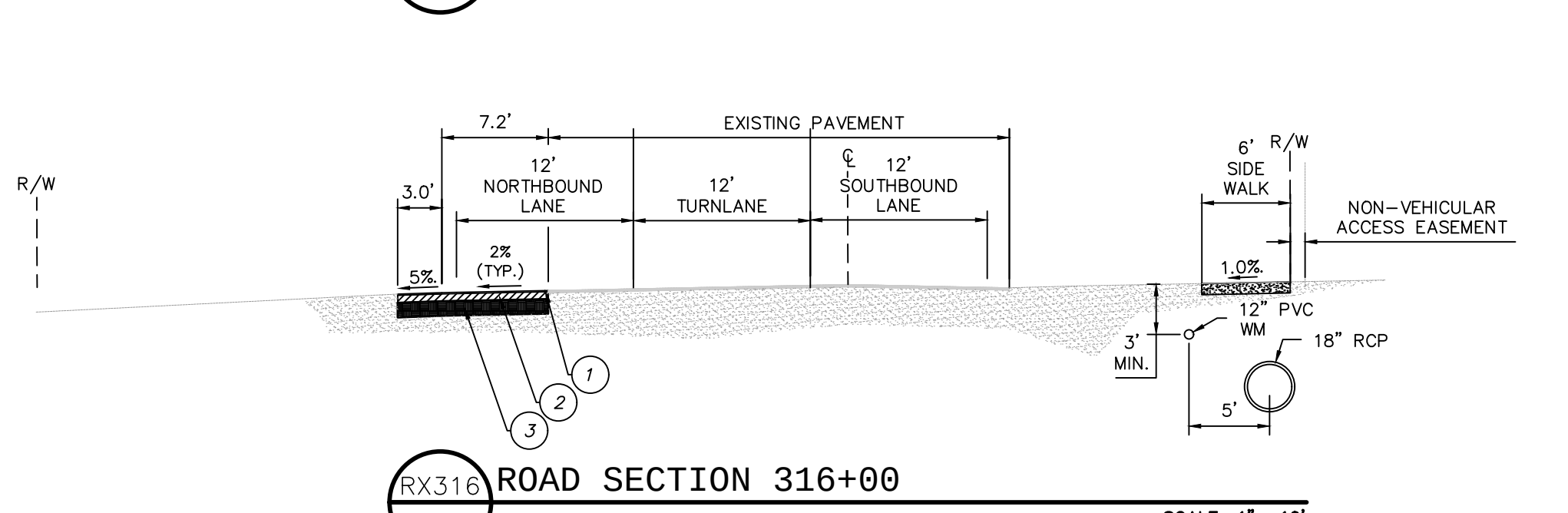
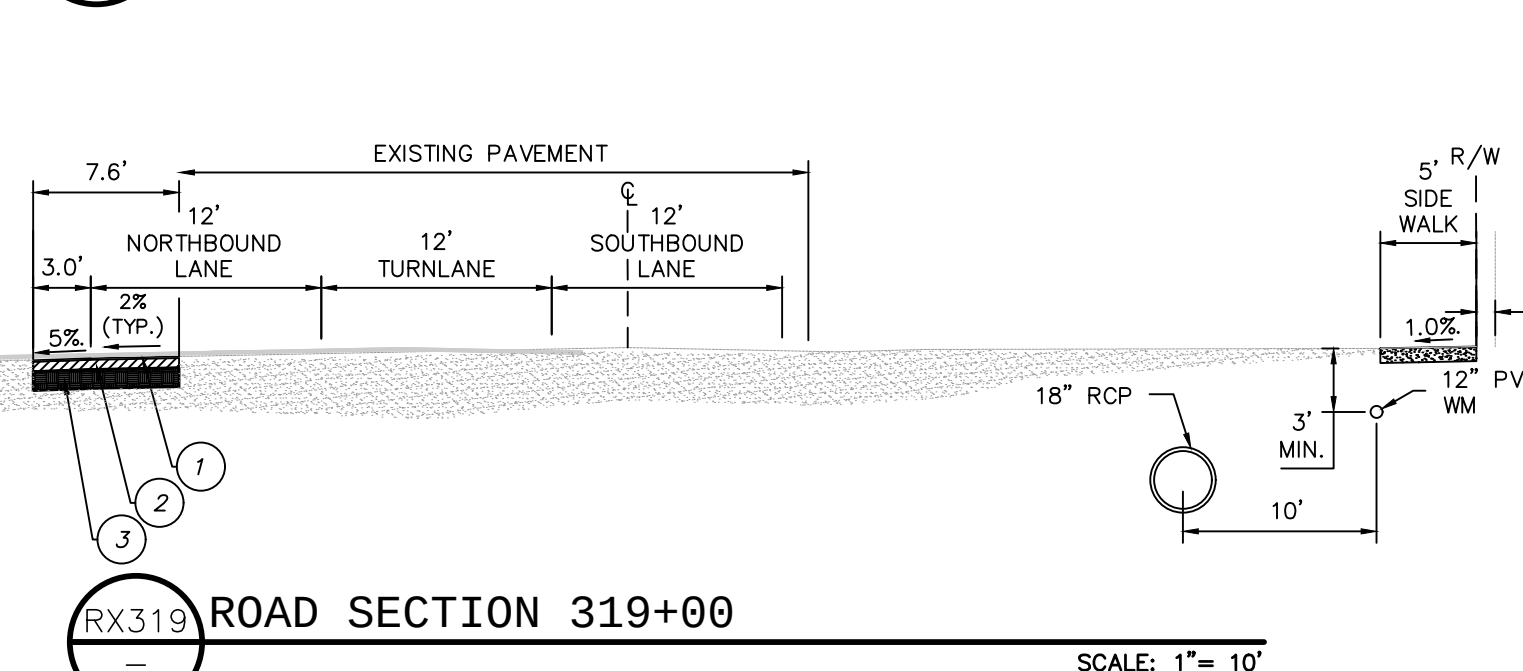
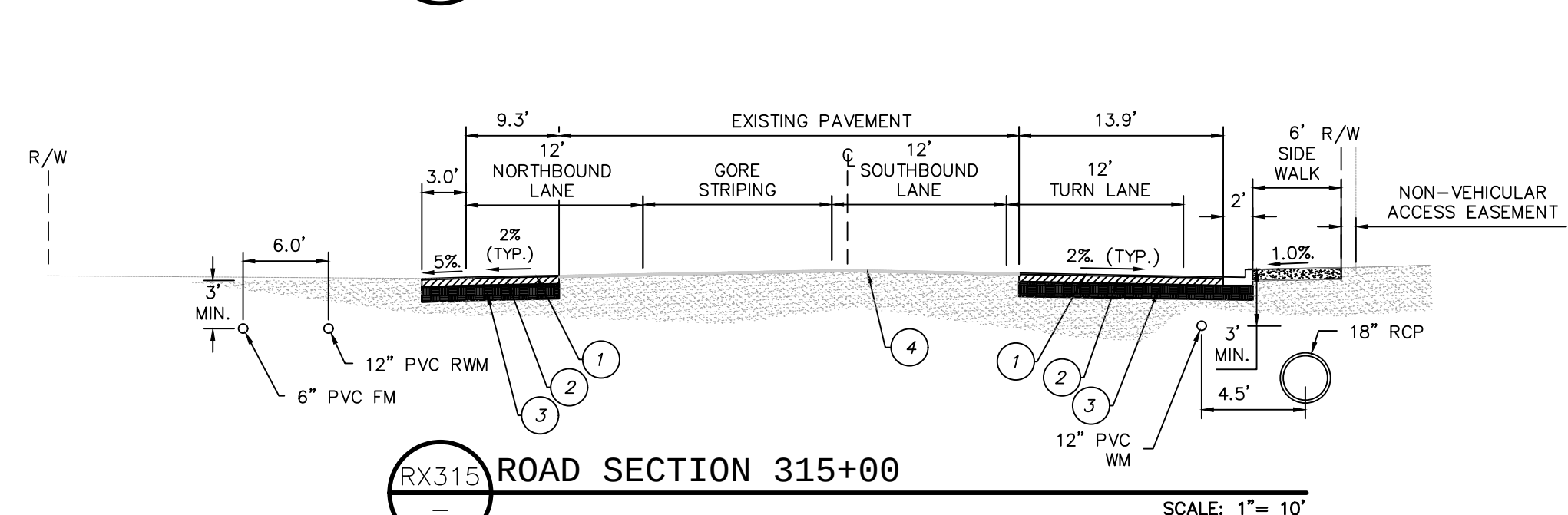
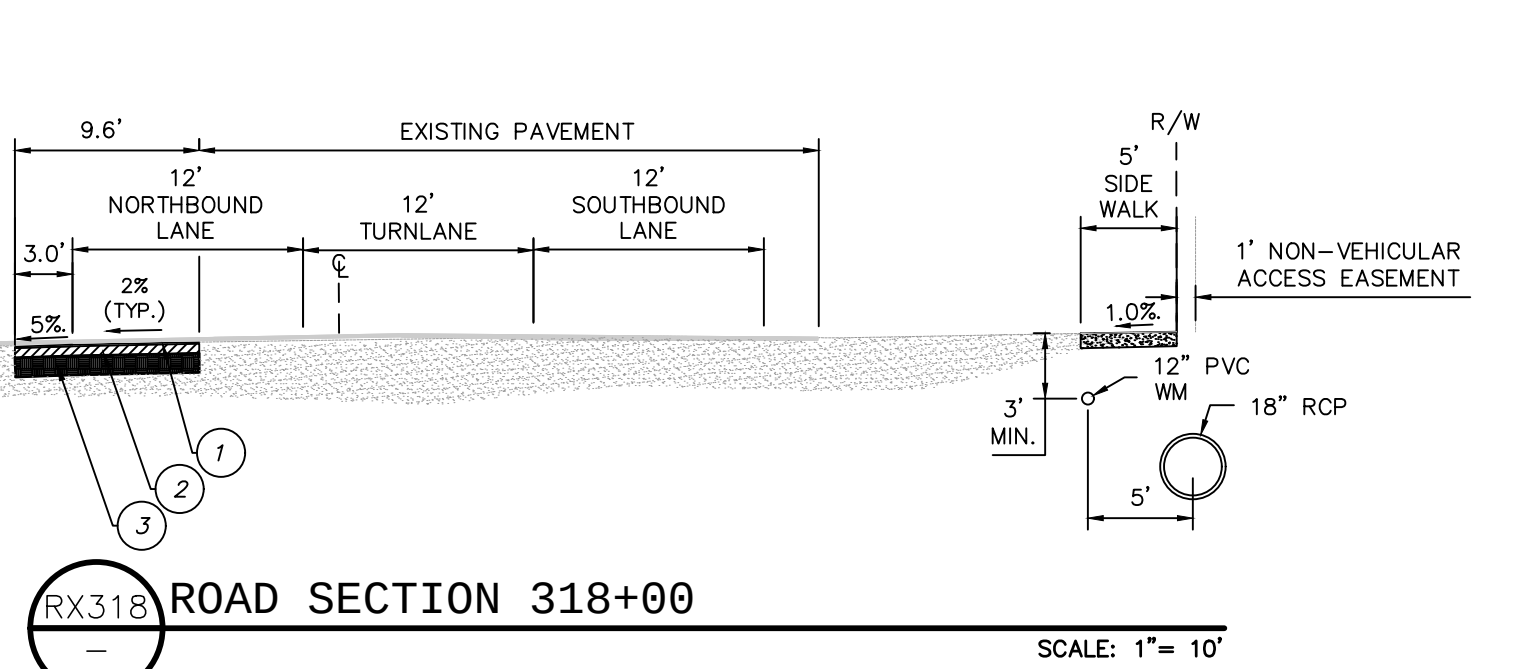
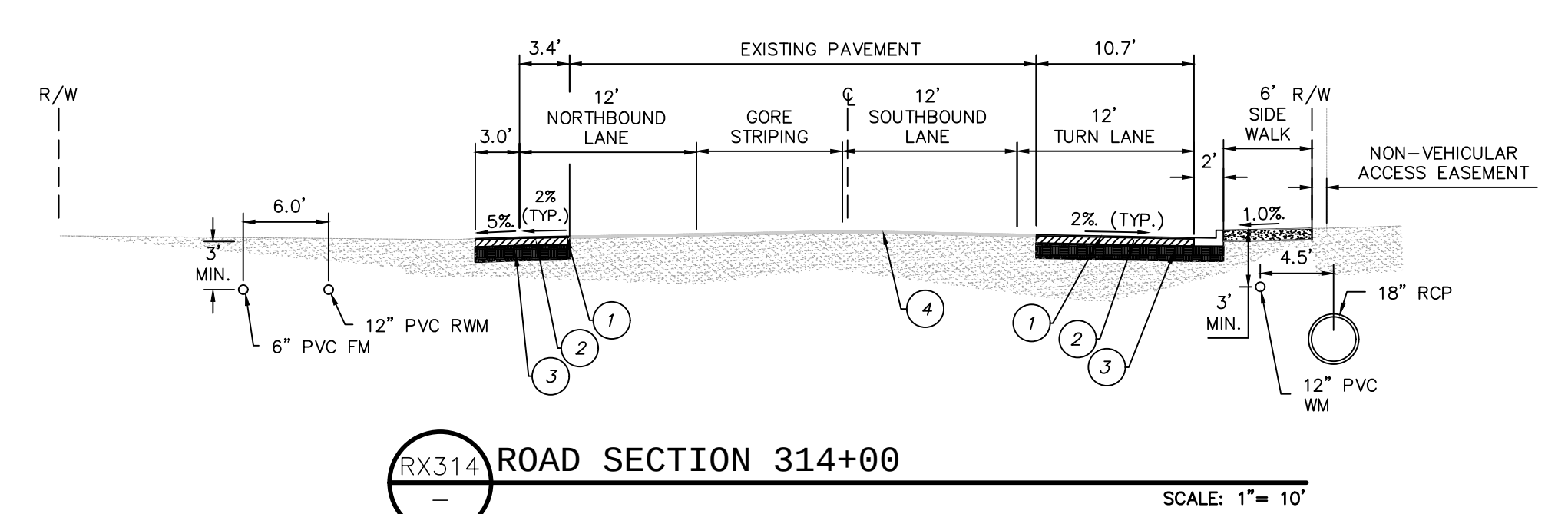
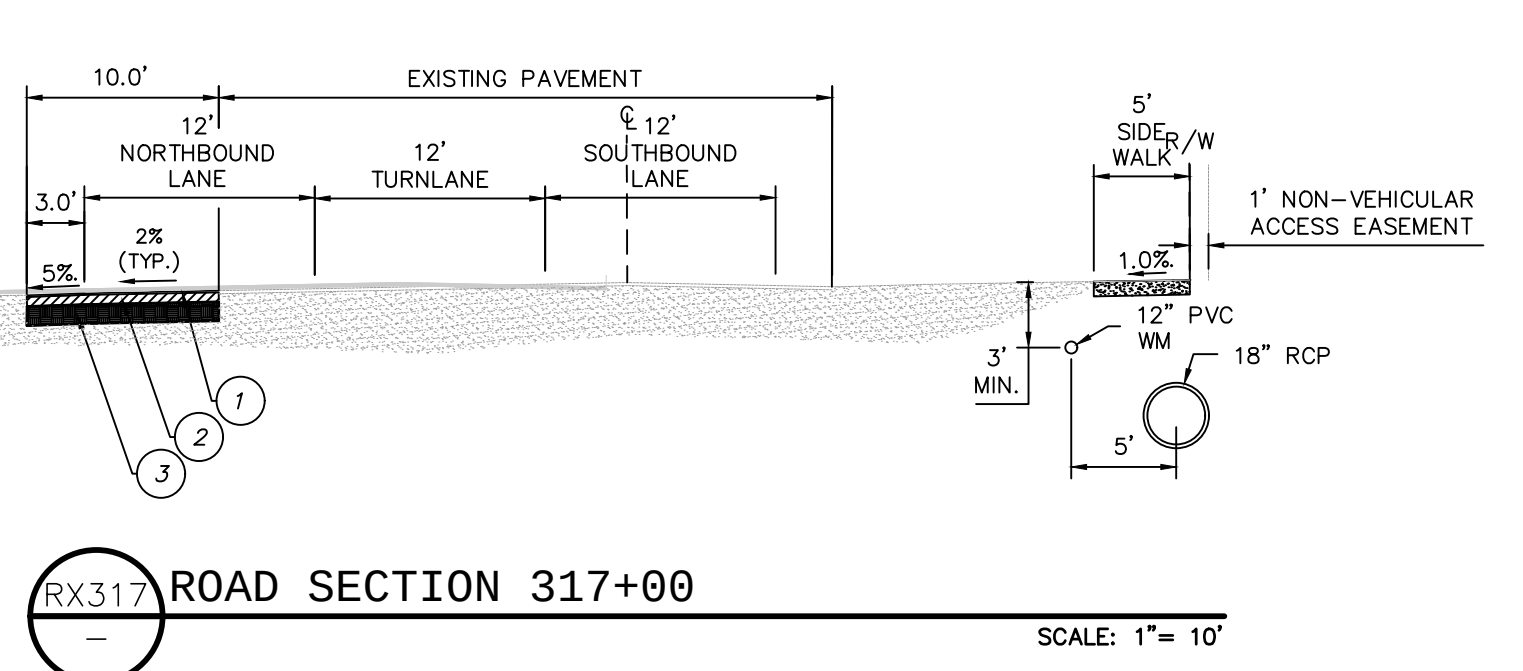
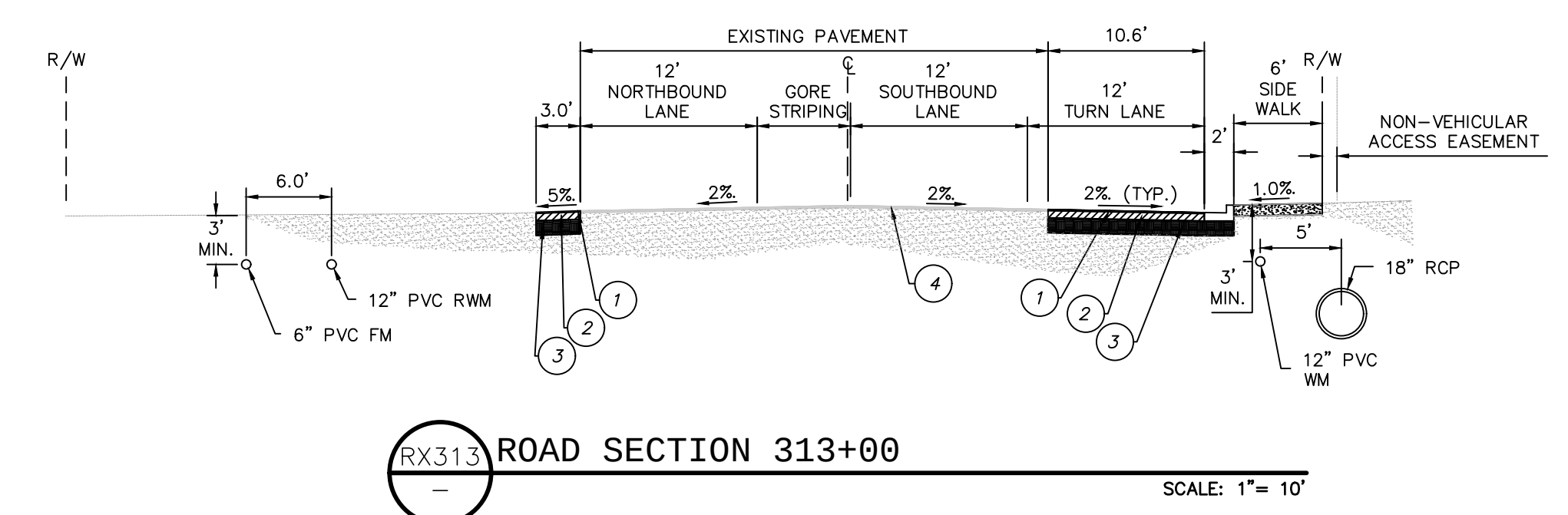
NOTES:

- ALL WORK PER 2023 FDOT STANDARD PLANS AND 2023 FDOT DESIGN MANUAL
- INSTALL THERMOPLASTIC STRIPING AND ARROWS PER FDOT STD. PLAN 711-001
- INSTALL RAISED PAVEMENT MARKERS PER FDOT STD. PLAN 706-001
- INSTALL SOD AT ALL AREAS DISTURBED BY CONSTRUCTION
- ALL AFFECTED SIDEWALKS, RAMPS, AND CROSSWALKS ARE TO BE BUILT AND INSPECTED TO MEET CURRENT ADA REQUIREMENTS.
- MAXIMUM SLOPE IN SWALE AREAS IS 4:1
- INTERSECTION CLEAR SIGHT AREAS ARE TO BE MAINTAINED PER FDOT FDM 212.11
- MAINTENANCE OF TRAFFIC SHALL BE PER FDOT STD. PLANS 102-600, 102-601, 102-602, AND 102-603
- STRUCTURAL SECTION OF THE EXISTING PAVED SHOULDERS WILL NEED TO BE FIELD VERIFIED. SAW CUTTING AT THE LANE LINE SHALL BE REQUIRED IF EXISTING PAVED SHOULDERS WERE NOT CONSTRUCTED TO THE FULL DEPTH ROADWAY PAVEMENT SECTION.
- ALL ASPHALT MIX DESIGNS MUST BE PREAPPROVED BY VOLUSIA COUNTY BEFORE PLACEMENT.
- ANY NECESSARY OVERBUILD GREATER THAN THE STANDARD MILL AND RESURFACING WILL NEED APPROVAL IN THE FIELD BY COUNTY INSPECTOR.
- NOTIFY VOLUSIA COUNTY DEVELOPMENT ENGINEERING DIVISION AT (386) 736-5926 A MINIMUM OF 24 HOURS PRIOR TO THE START OF CONSTRUCTION. FAILURE OF THE PERMITTEE TO OBTAIN THE APPROPRIATE INSPECTIONS PRIOR TO PROCEEDING WITH WORK SHALL NOT RELIEVE THE PERMITTEE FROM REEXCAVATION OR OTHER MEASURES NECESSARY FOR THE INSPECTION OF WORK.
- VOLUSIA COUNTY TRAFFIC ENGINEERING (386) 736-5968 IS NOT A MEMBER OF SUNSHINE ONE CALL. WHEN REQUESTING LOCATES, PLEASE PROVIDE A MINIMUM ADVANCED NOTIFICATION OF TWO (2) BUSINESS DAYS PRIOR TO PROPOSED WORK.
- COORDINATION WITH VOLUSIA COUNTY TRAFFIC OPERATIONS (386) 239-6535 IS REQUIRED WITH A MINIMUM ADVANCED NOTICE OF SEVEN (7) DAYS PRIOR TO ANY SIDEWALK, LANE OR ROAD CLOSURE (INCLUDING FLAGGING OPERATIONS).
- OPERATIONS WITHIN THE COUNTY RIGHT-OF-WAY SHALL NORMALLY BE CONDUCTED 7:00 AM TO 7:00 PM, MONDAY THROUGH FRIDAY. ANY DEVIATION FROM THESE HOURS REQUIRES PRIOR APPROVAL FROM THE COUNTY DEVELOPMENT ENGINEER. EMERGENCY REPAIRS ARE EXCLUDED FROM THIS TIME RESTRICTION.
- DRIVING OR STAGING OF CONSTRUCTION VEHICLES OR MATERIALS IS NOT PERMITTED WITHIN THE COUNTY RIGHT-OF-WAY OR ON PEDESTRIAN WALKWAYS AND PATHS. THERE SHALL BE NO OVERNIGHT CONSTRUCTION VEHICLE RELATED PARKING, CONSTRUCTION MATERIAL PLACEMENT OR STORAGE OF ANY KIND PERMITTED WITHIN THE COUNTY RIGHT-OF-WAY.
- NO TRENCH OR EXCAVATION SHALL BE LEFT OPEN OR UNATTENDED OVERNIGHT, UNLESS APPROVED BY THE COUNTY DEVELOPMENT ENGINEERING INSPECTOR. EXCAVATIONS SHALL MEET THE DROP OFF PROTECTION REQUIREMENTS OF THE LATEST FDOT DESIGN STANDARD INDEX NO. 600.
- RESTORATION SHALL BE REQUIRED FOR ANY DAMAGE TO SIDEWALKS, CURBS, OR OTHER EXISTING STRUCTURES IN THE RIGHT-OF-WAY. ALL DISTURBED AREAS WITHIN THE COUNTY RIGHT OF WAY SHALL BE RE-GRADED AND SODDED. SEED AND MULCH IS NOT AN ACCEPTABLE ALTERNATIVE TO SODDING.
- FOR EXISTING STRIPING TO BE REMOVED VIA GRINDING, THE LATEST, LEAST AGGRESSIVE METHODS SHALL BE USED.

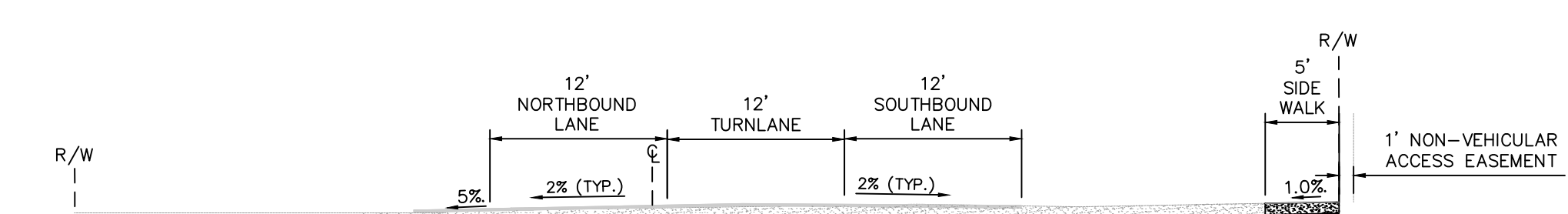
NO.	DATE	REVISIONS
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JOB # 21886
DATE: 02/20/23
SCALE: NA
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C502

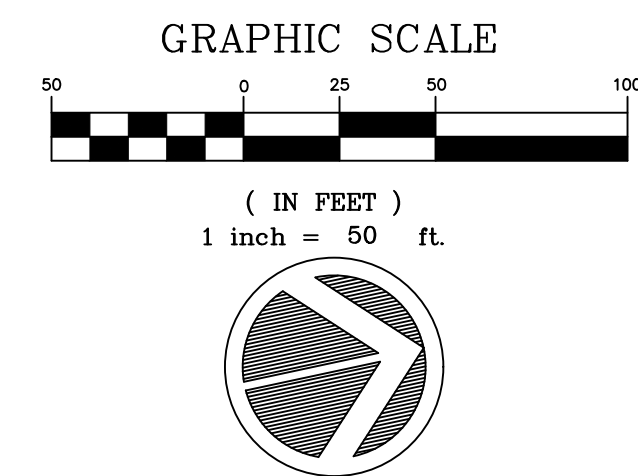


TYPICAL RIGHT TURN ROAD SECTION
SCALE: 1"= 10'

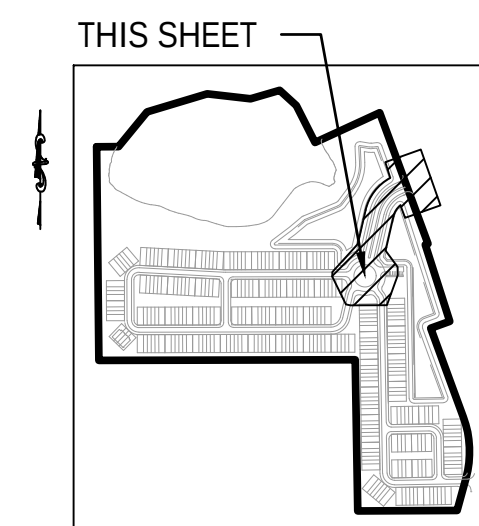


TYPICAL LEFT TURN ROAD SECTION
SCALE: 1"= 10'

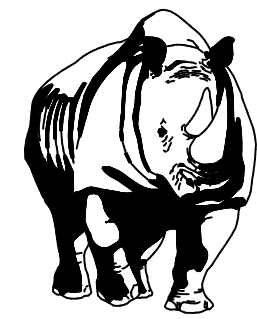
- ROADWAY PAVEMENT SECTIONS**
- 1.25" MIN. FDOT FRICTION COURSE TYPE FC-9.5 (TRAFFIC LEVEL C) ASPHALT @ MAX 20% RECYCLED MATERIALS.
 - 2.0" MIN. FDOT SUPERPAVE STRUCTURE COURSE TYPE SP-12.5 (TRAFFIC LEVEL C) ASPHALT @ MAX. 30% RECYCLED MATERIALS.
 - 10" LIMEROCK OR OTHER APPROVED BASE GROUP 9 COMPACTED TO A 98% MAXIMUM DRY DENSITY PER AASHTO T-180 AND CONSTRUCTED IN TWO LIFTS.
 - 12" STABILIZED SUBGRADE LBR 40 COMPACTED TO A 98% MAXIMUM DRY DENSITY PER AASHTO T-180.
 - MILL AND RESURFACE. WHEN RESURFACING, A 2.0% SLOPE MUST BE MAINTAINED OR CREATED.



TYPICAL UTILITY LEGEND	
	DESCRIPTION
	FIRE HYDRANT ASSEMBLY
	DOUBLE SANITARY SERVICE
	SINGLE SANITARY SERVICE
	DOUBLE WM SERVICE
	SINGLE WM SERVICE
	DOUBLE RWM SERVICE
	SINGLE RWM SERVICE
	GATE VALVE
	WM OR RWM CROSS
	WM OR RWM TEE
	BLOW-OFF AND VALVE
	WATER MAIN
	RECLAIM WATER MAIN



KEY MAP
N.T.S.



MADDEN
MOORHEAD & STOKES, LLC
CIVIL ENGINEERS

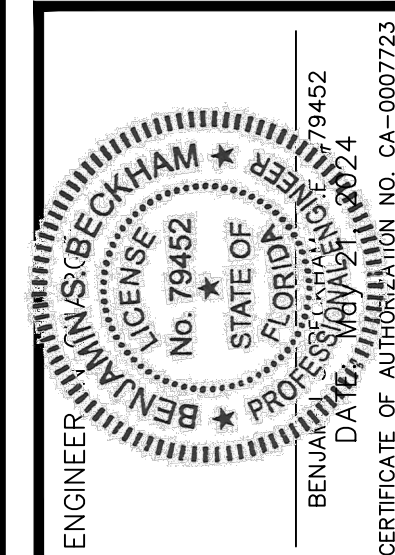
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

STREET A PLAN + PROFILE

FOR
SUMMIT PLACE

CITY OF DELAND
FLORIDA

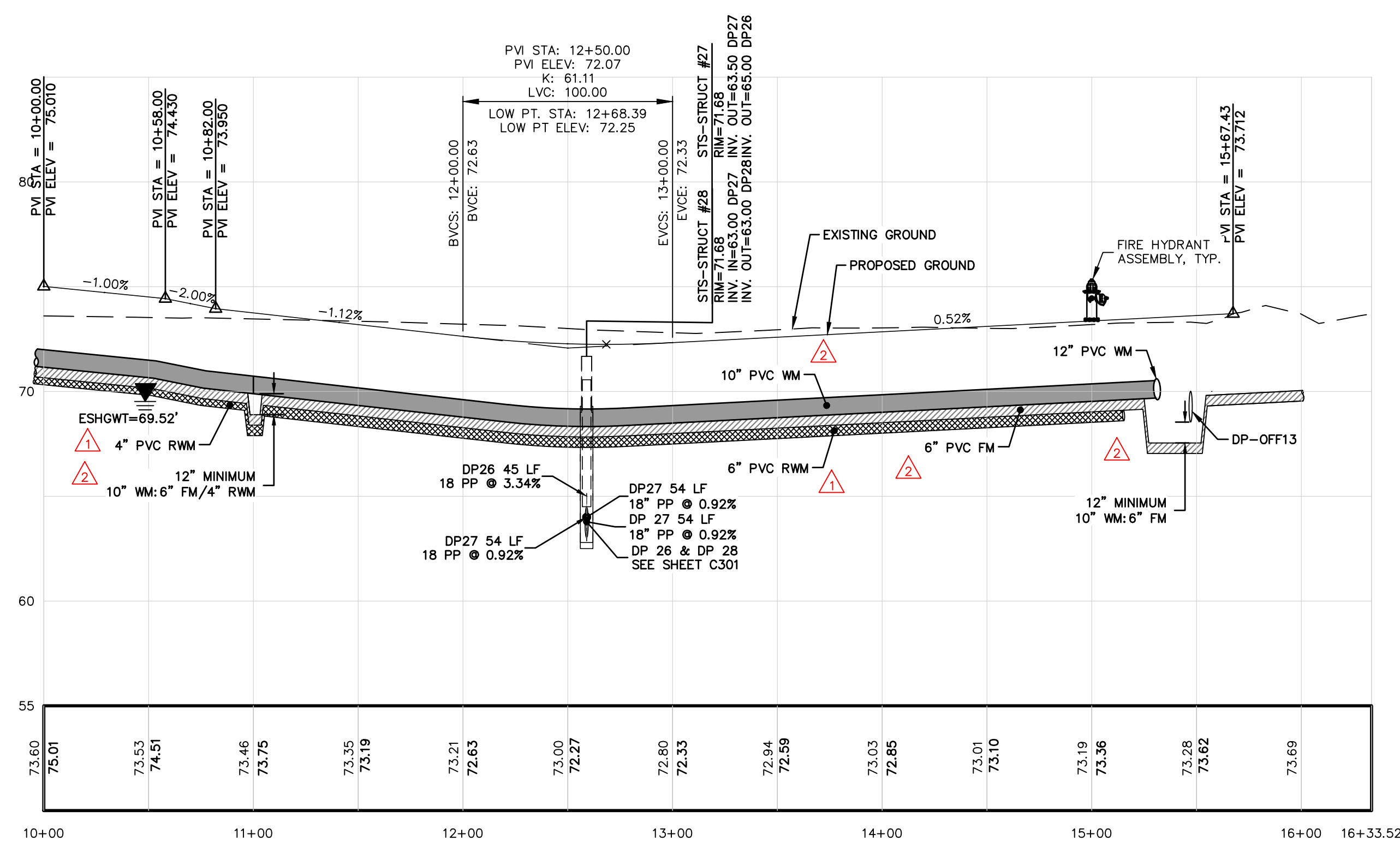
DR HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

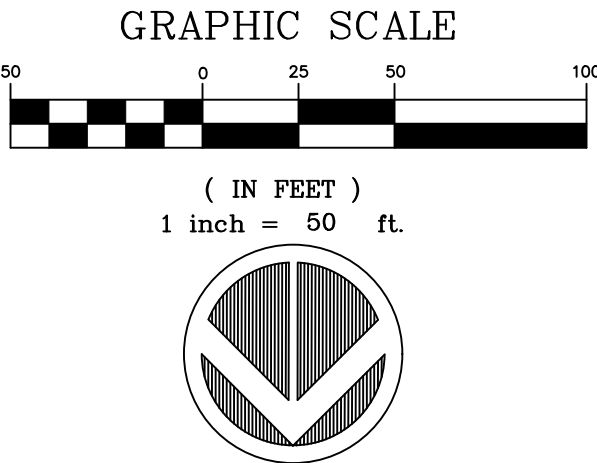
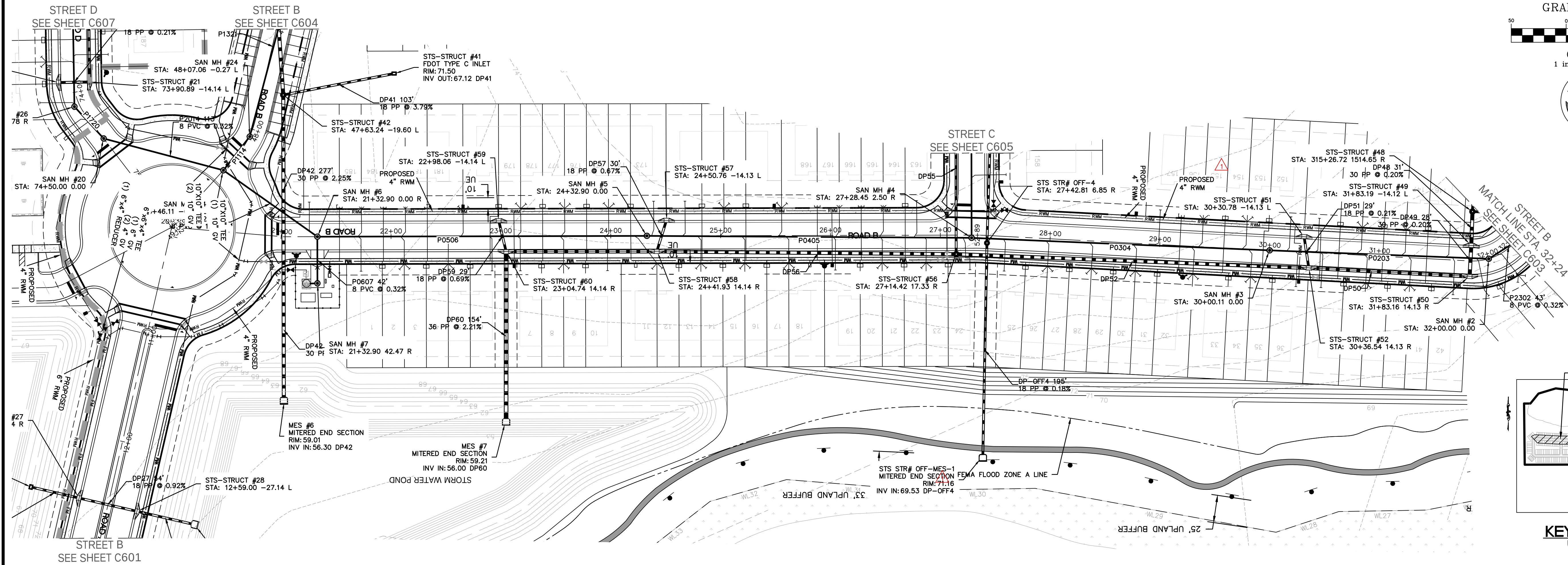


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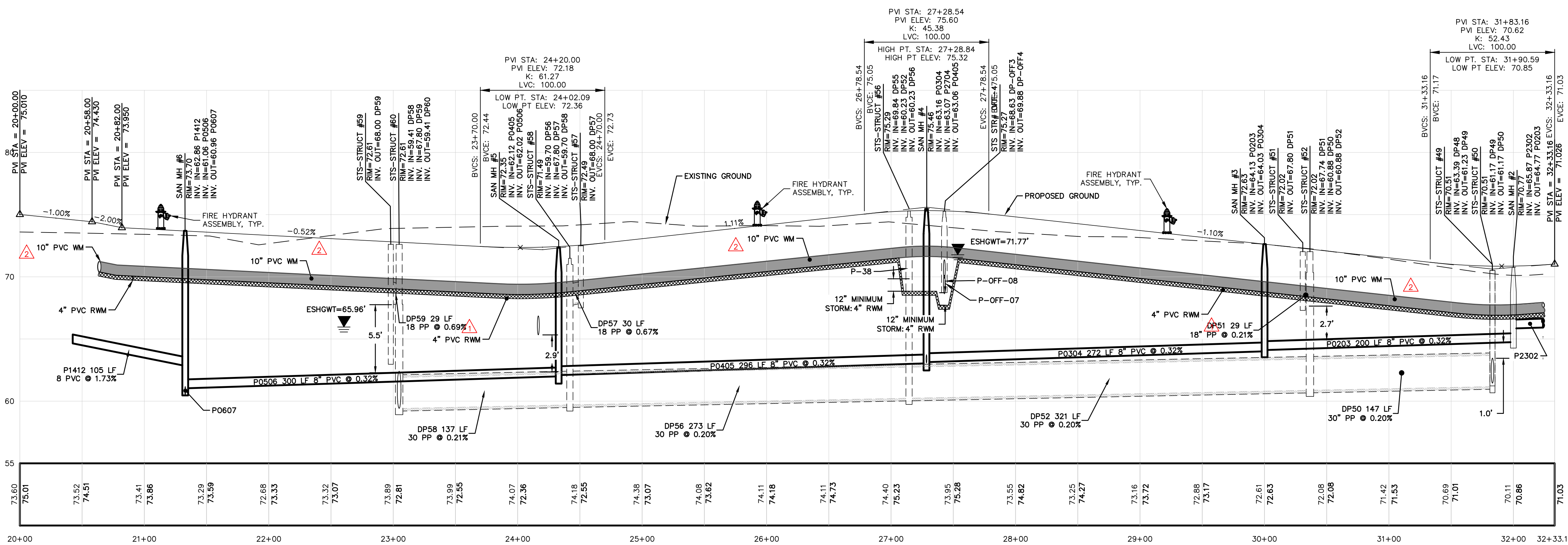
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DATE: _____ 02/20/23
SCALE: _____ 1"=50'
DESIGNED BY: _____ JT
DRAWN BY: _____ JT
APPROVED BY: _____ BSI

C601





ROAD B



MADDEN
WOODHEAD & STOKES, LLC
CIVIL ENGINEERS

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Suite 260
Maitland, Florida 32751
(407) 629-8330

STREET B-1 PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

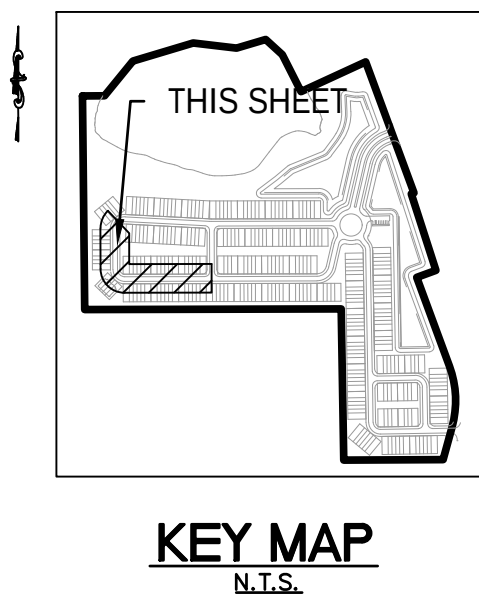
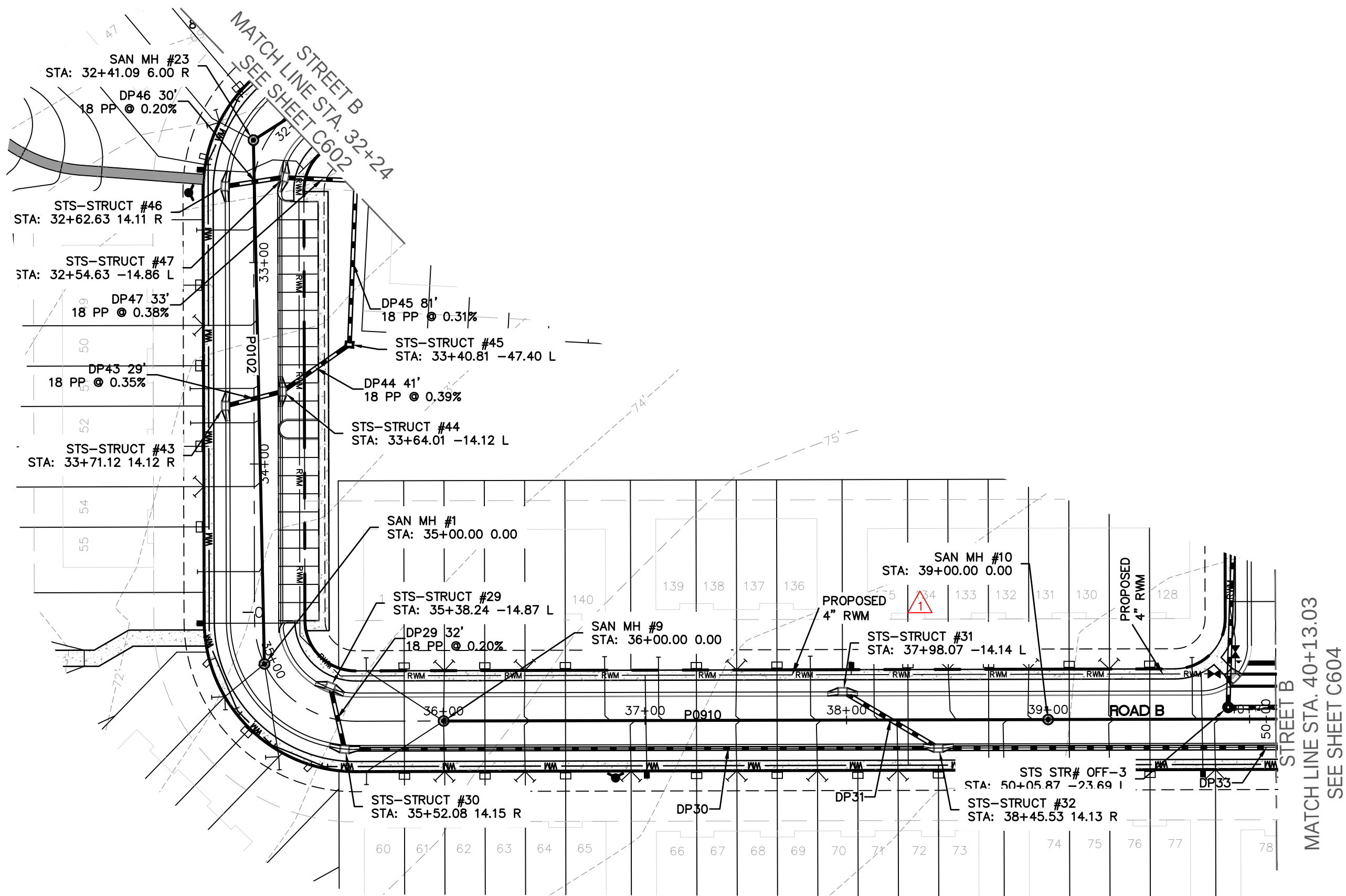
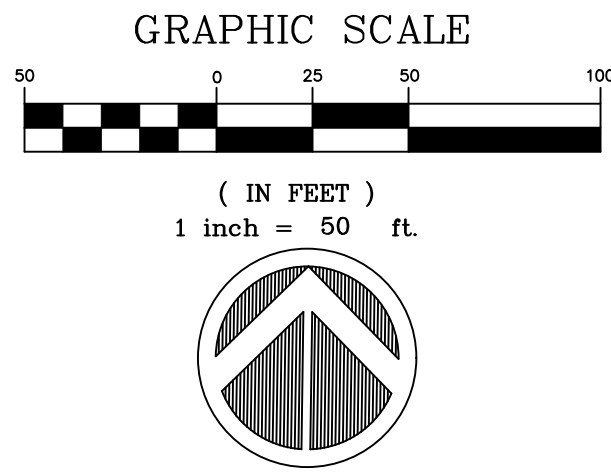
DR. HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BLACKHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE: 02/20/23
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

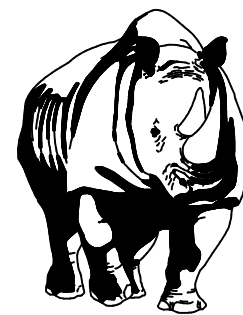
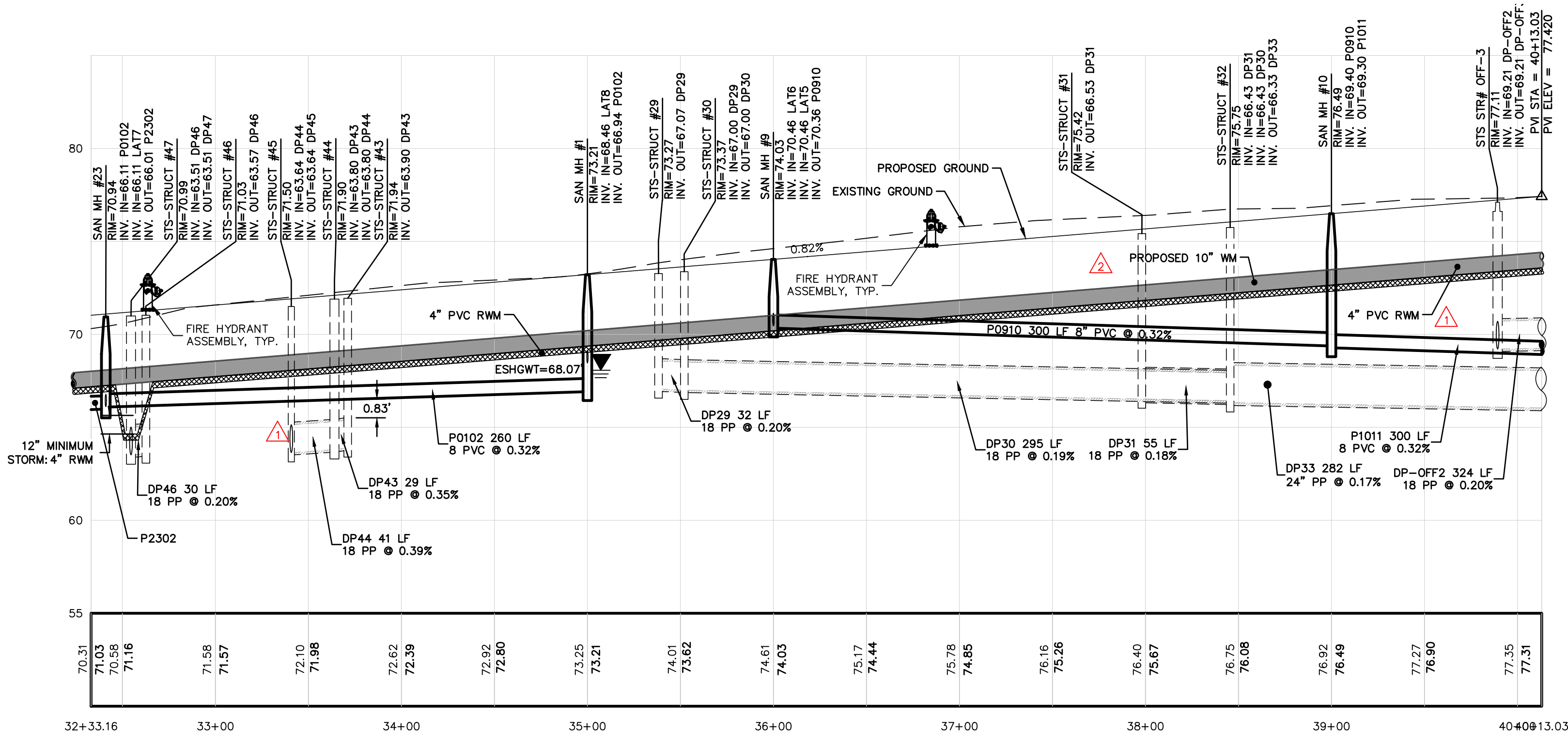
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2	1/23/24	REV. PER QC REVIEW

JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C602



ROAD B



MADDEN
WOODHEAD & STOKES, LLC
CIVIL ENGINEERS

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Suite 260
Maitland, Florida 32751
(407) 629-8330

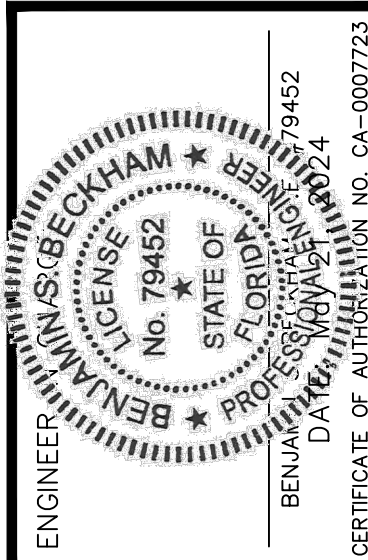
STREET B-2 PLAN + PROFILE

FOR
SUMMIT PLACE

FLORIDA

CITY OF DELAND

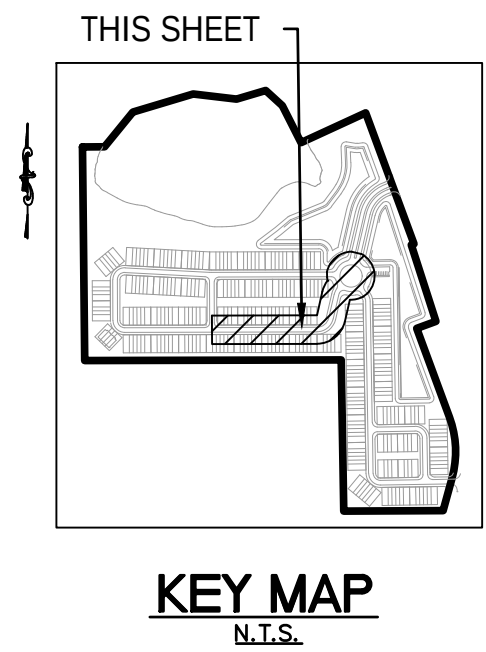
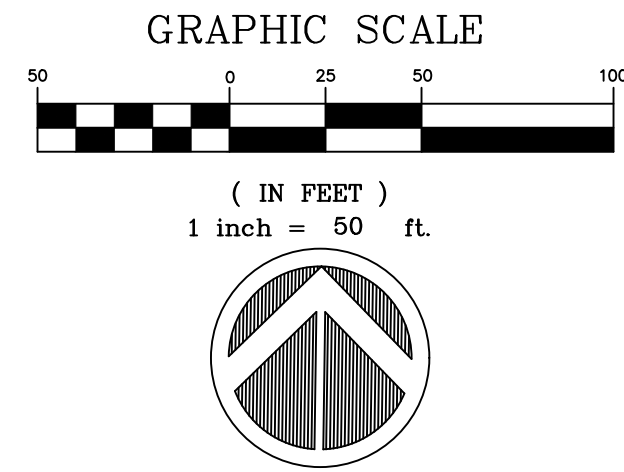
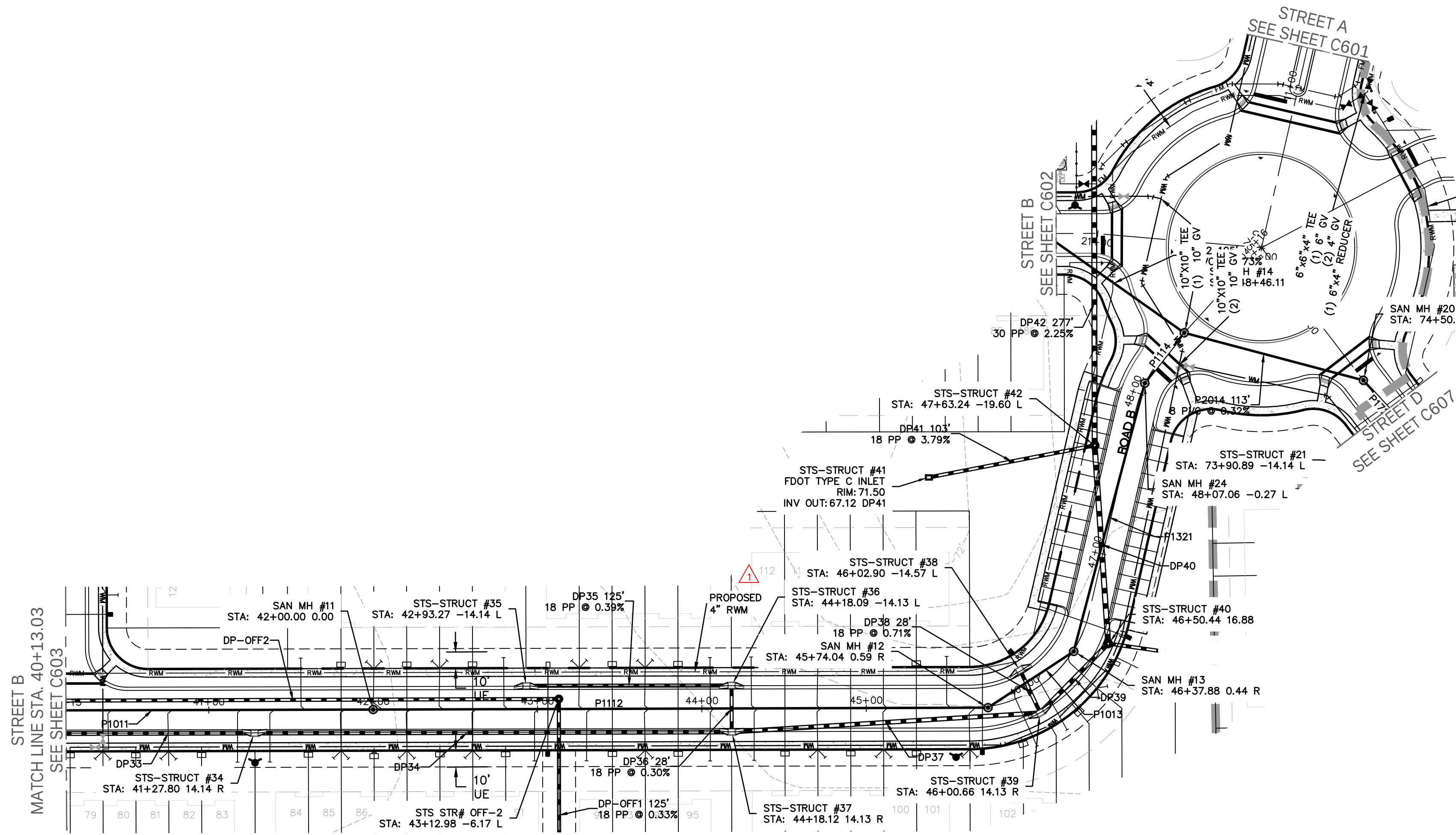
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



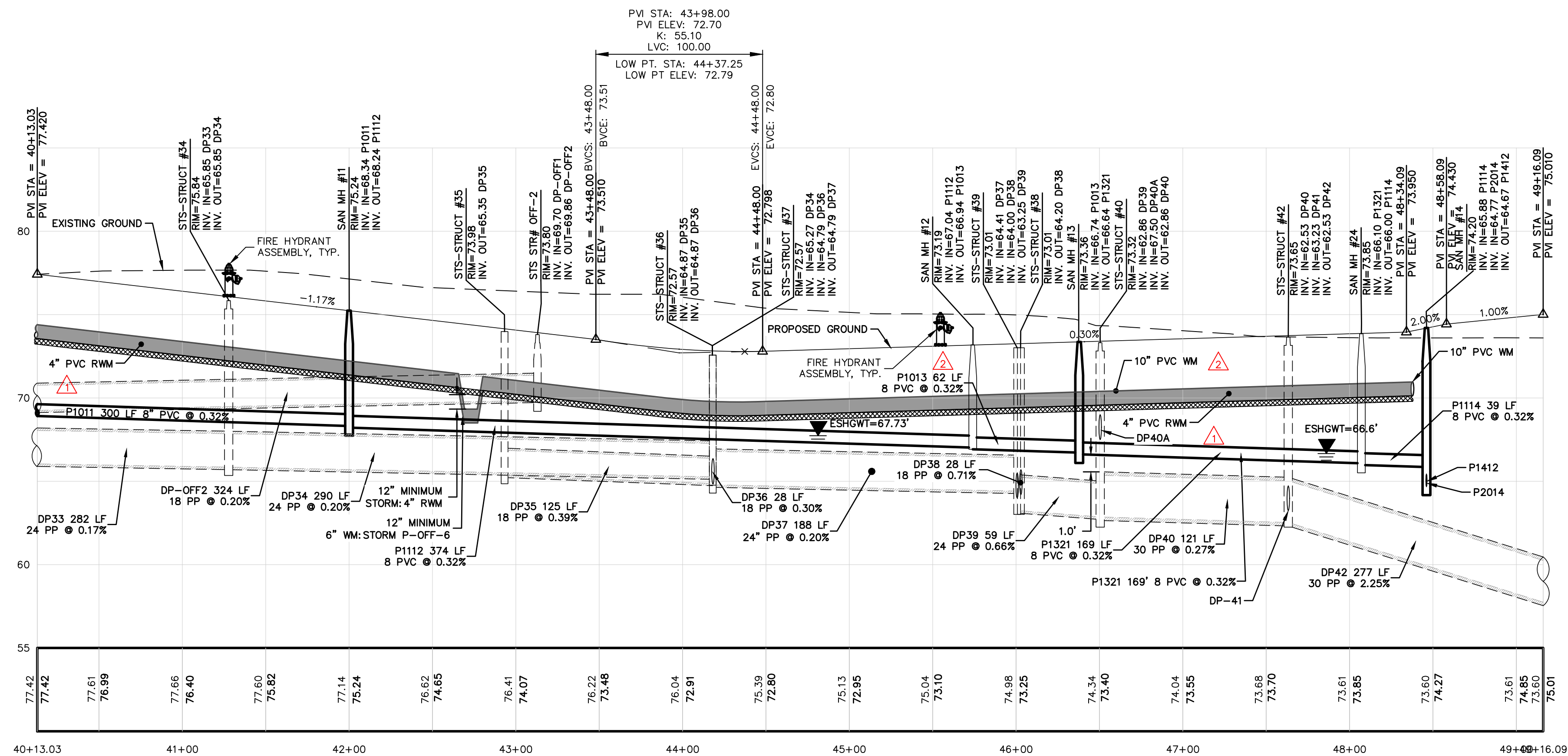
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C603



ROAD B



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CIVIL ENGINEERS
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Suite 260
Maitland, Florida 32751
(407) 629-8330

STREET B-3 PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

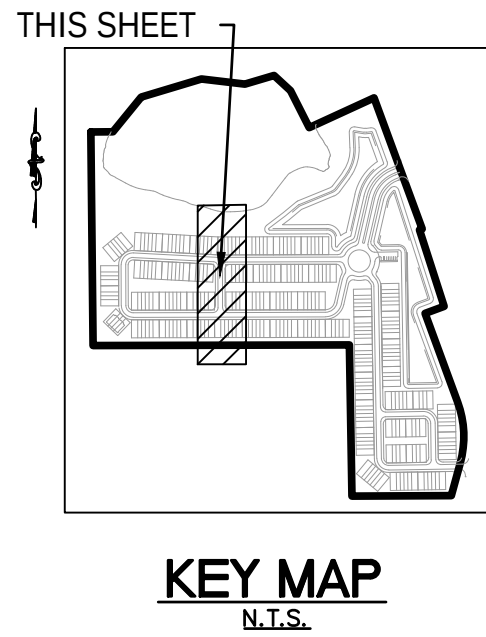
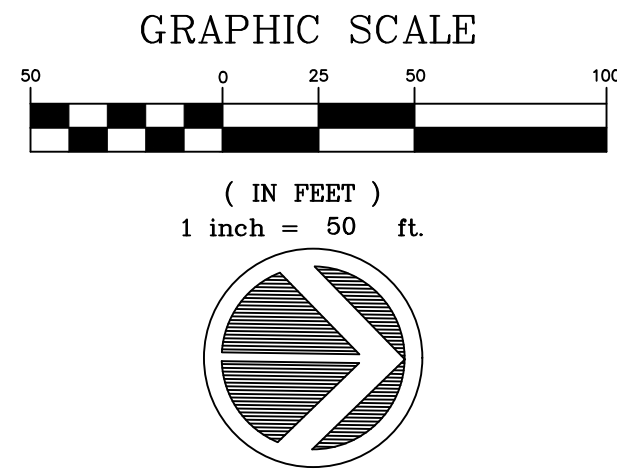
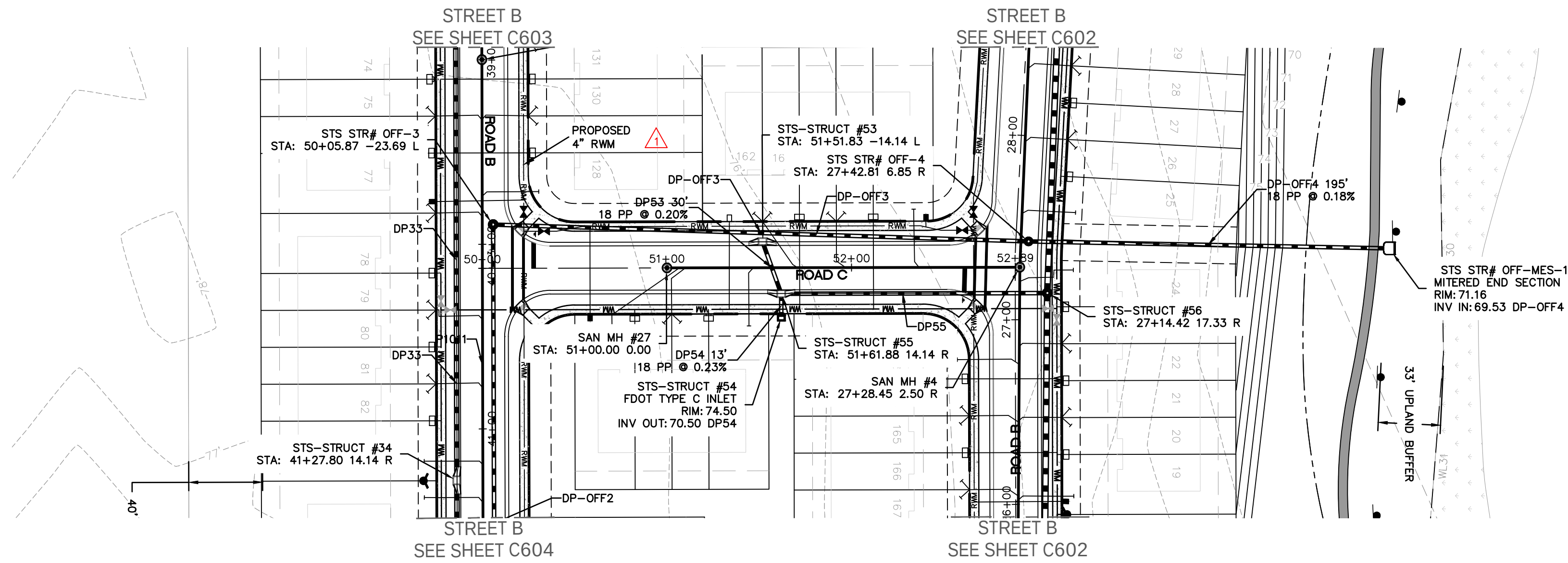
DR. HORTON
10192 DOWNEY ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER: BENJAMIN S. BUCKHAM
No. 79452
STATE OF FLORIDA
DATE: 02/20/23
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

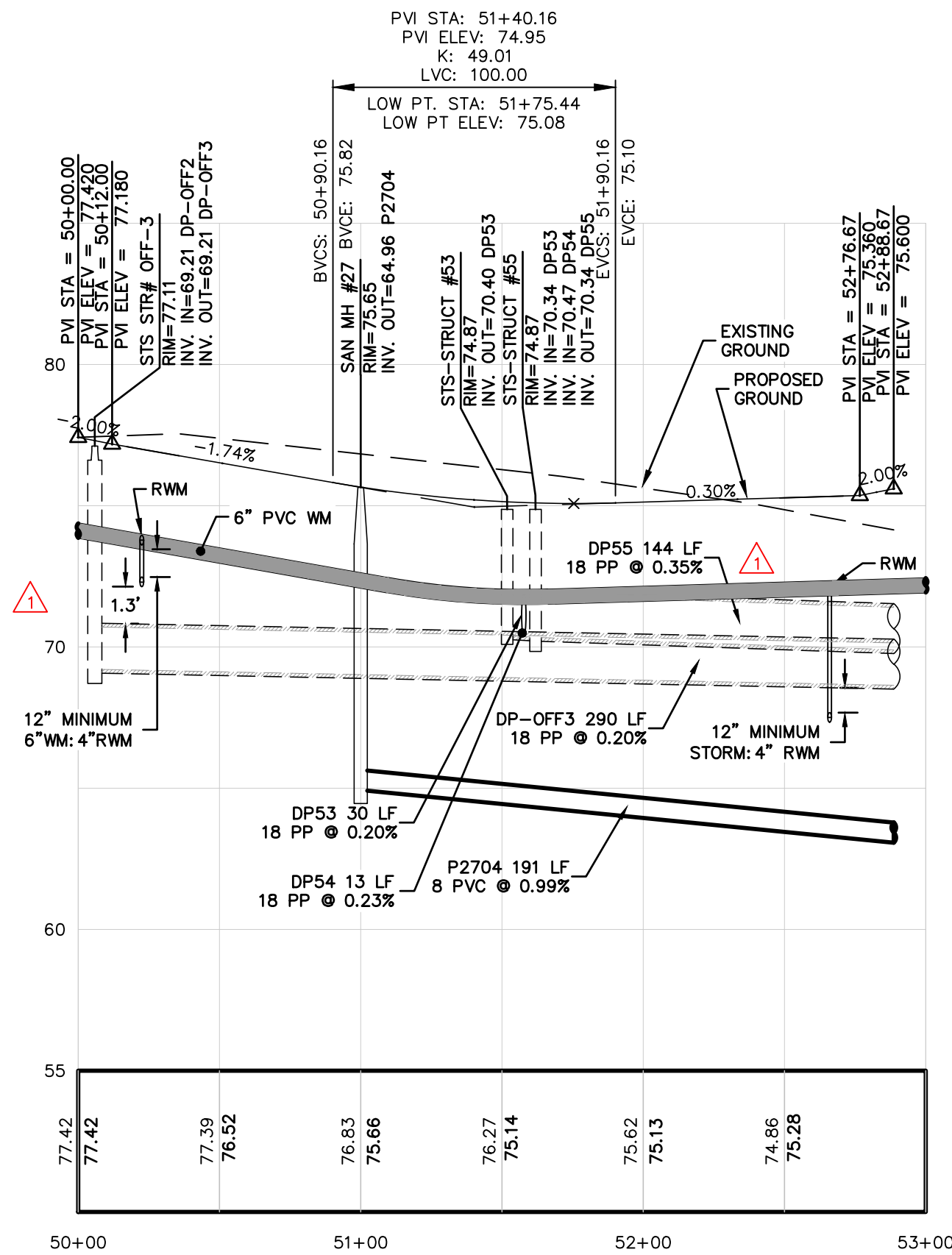
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2	1/23/24	REV. PER QC REVIEW
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C604



ROAD C



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MOORHEAD & STOKES, LLC
CIVIL ENGINEERS
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Suite 260
Maitland, Florida 32751
(407) 629-8330

STREET C PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

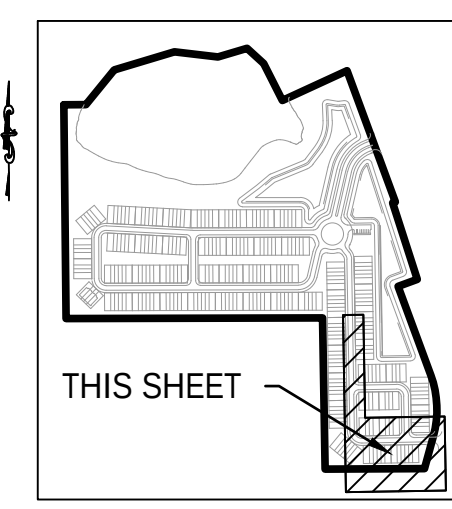
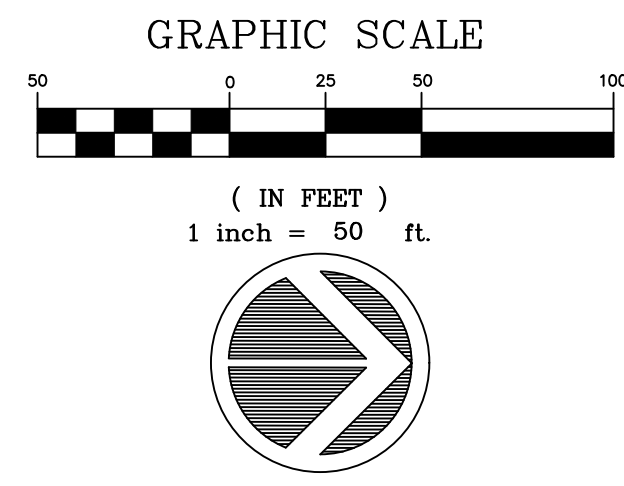
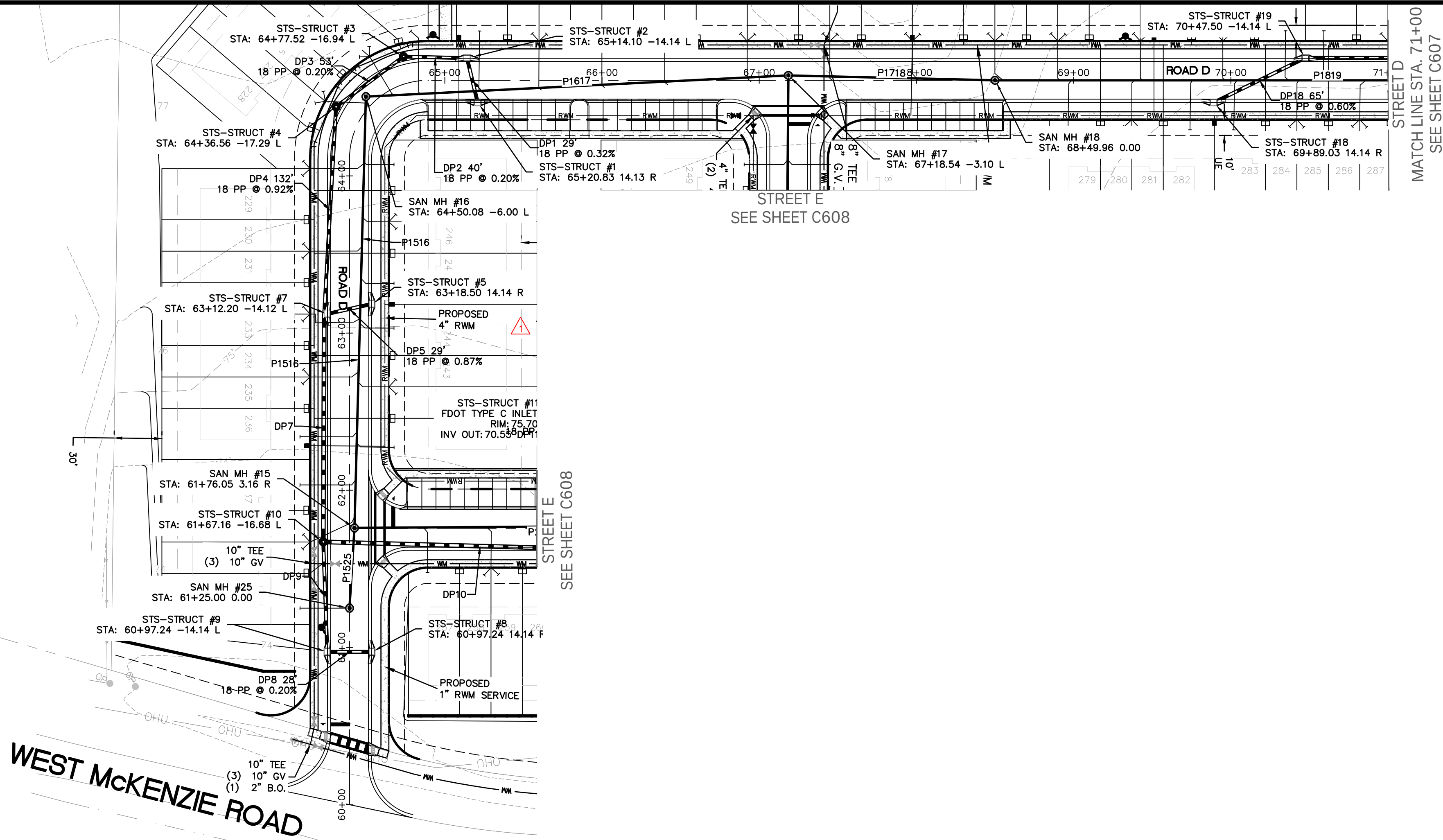
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER BENJAMIN S. BLACKHAM
LICENSE No. 79452
STATE OF FLORIDA
BENJAMIN S. BLACKHAM
DATE: 02/20/23
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

NO.	DATE	REVISIONS
1	3/15/23	REV. PER CITY OF DELAND COMMENTS DATED 3/9/23
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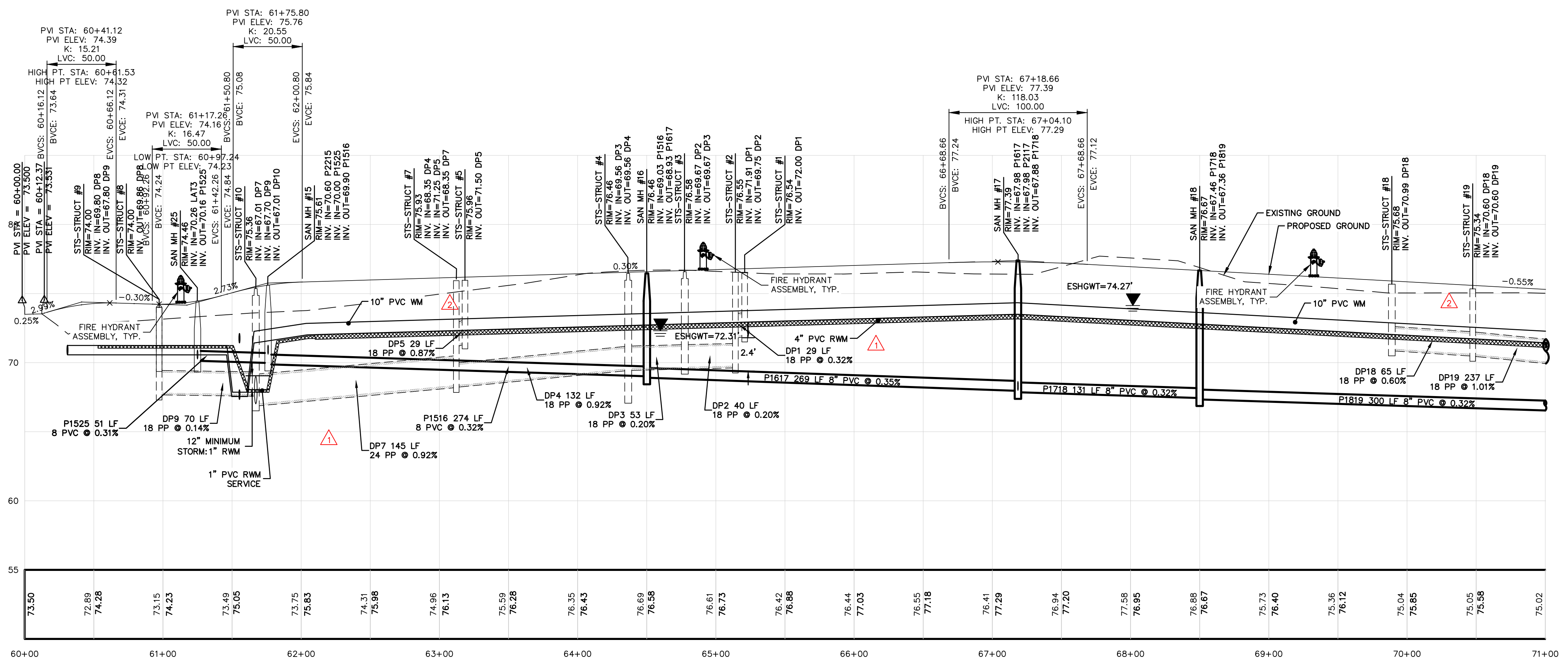
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SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C605



KEY MAP
N.T.S.

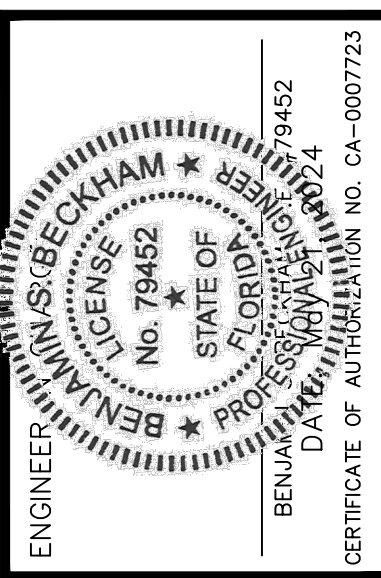
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STREET D-1 PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND, FLORIDA

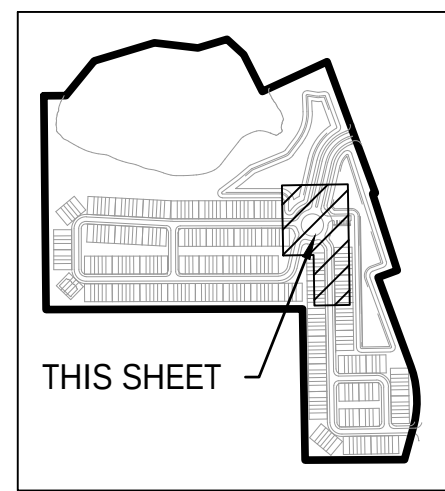
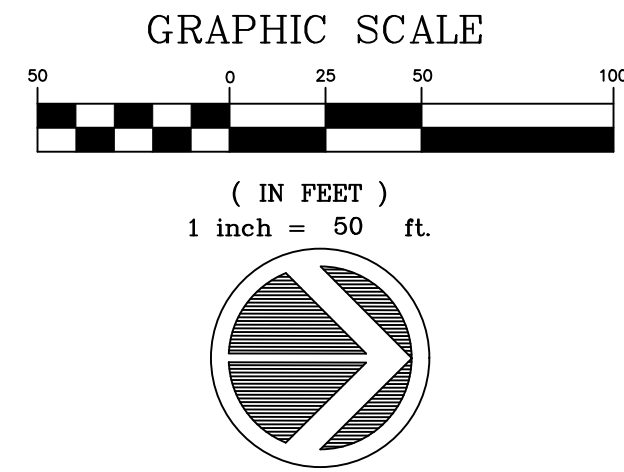
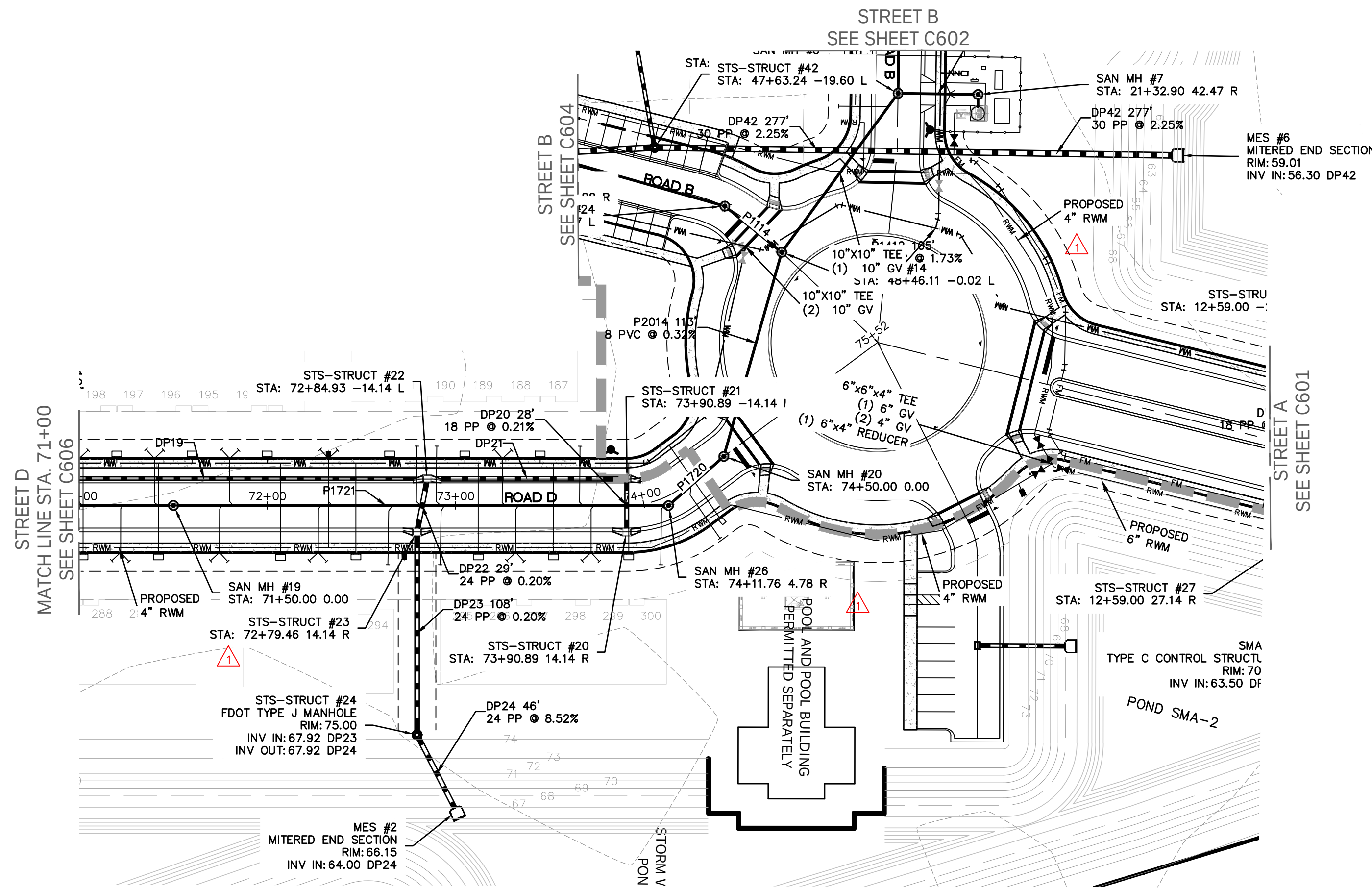
DR. HORTON
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ORLANDO, FL 32832
(407) 850-5200



REV.	DATE	REVISIONS
1	3/05/23	REV. PER CITY OF DELAND COMMENTS DATED 3/9/23
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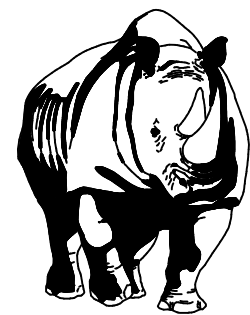
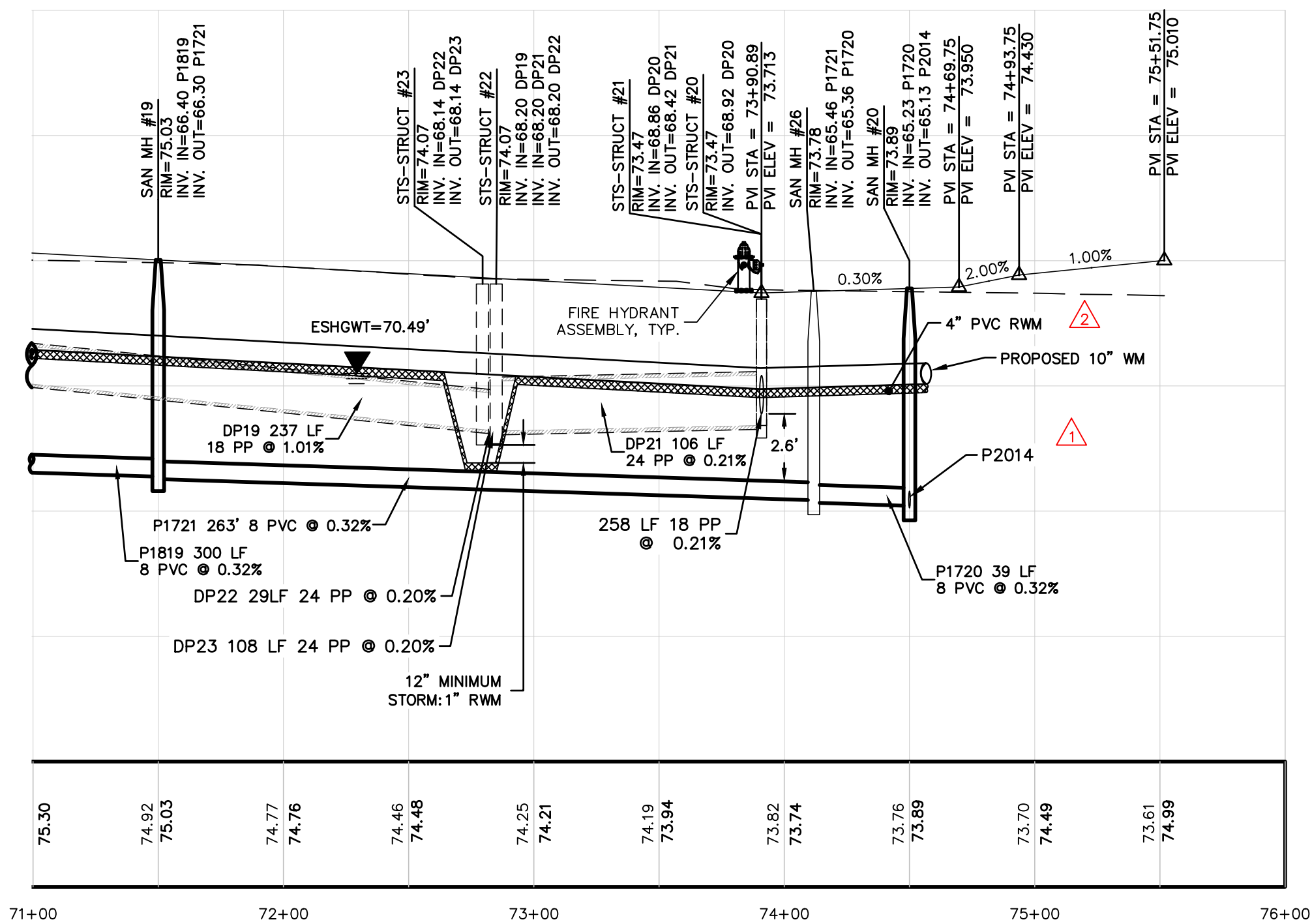
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SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C606



KEY MAP
N.T.S.

ROAD D

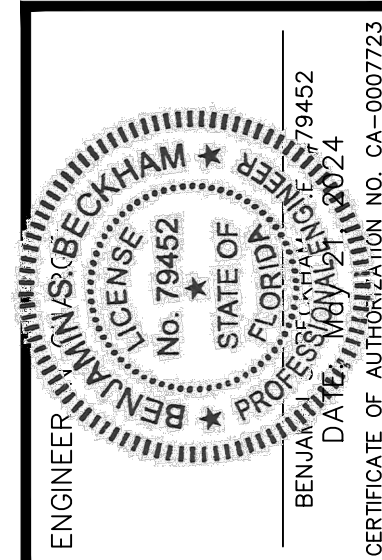


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STREET D-2 PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

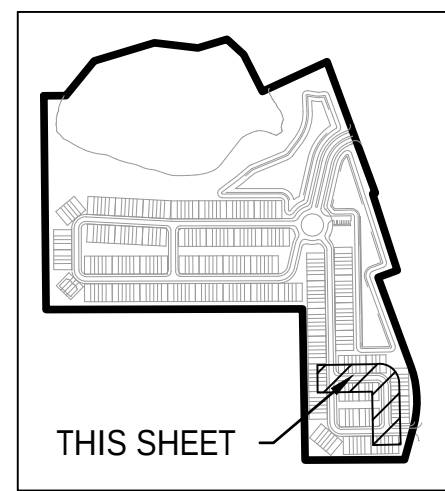
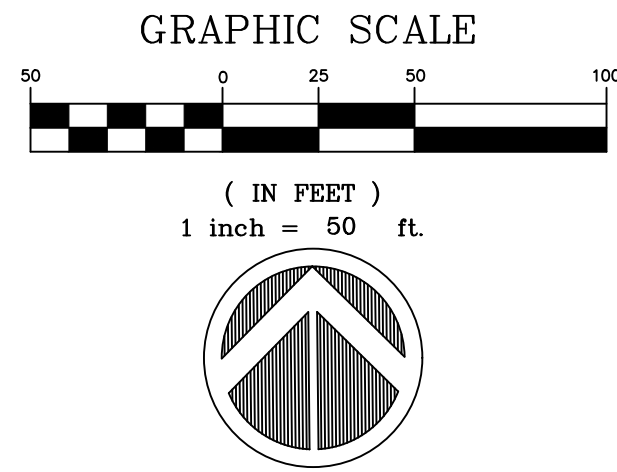
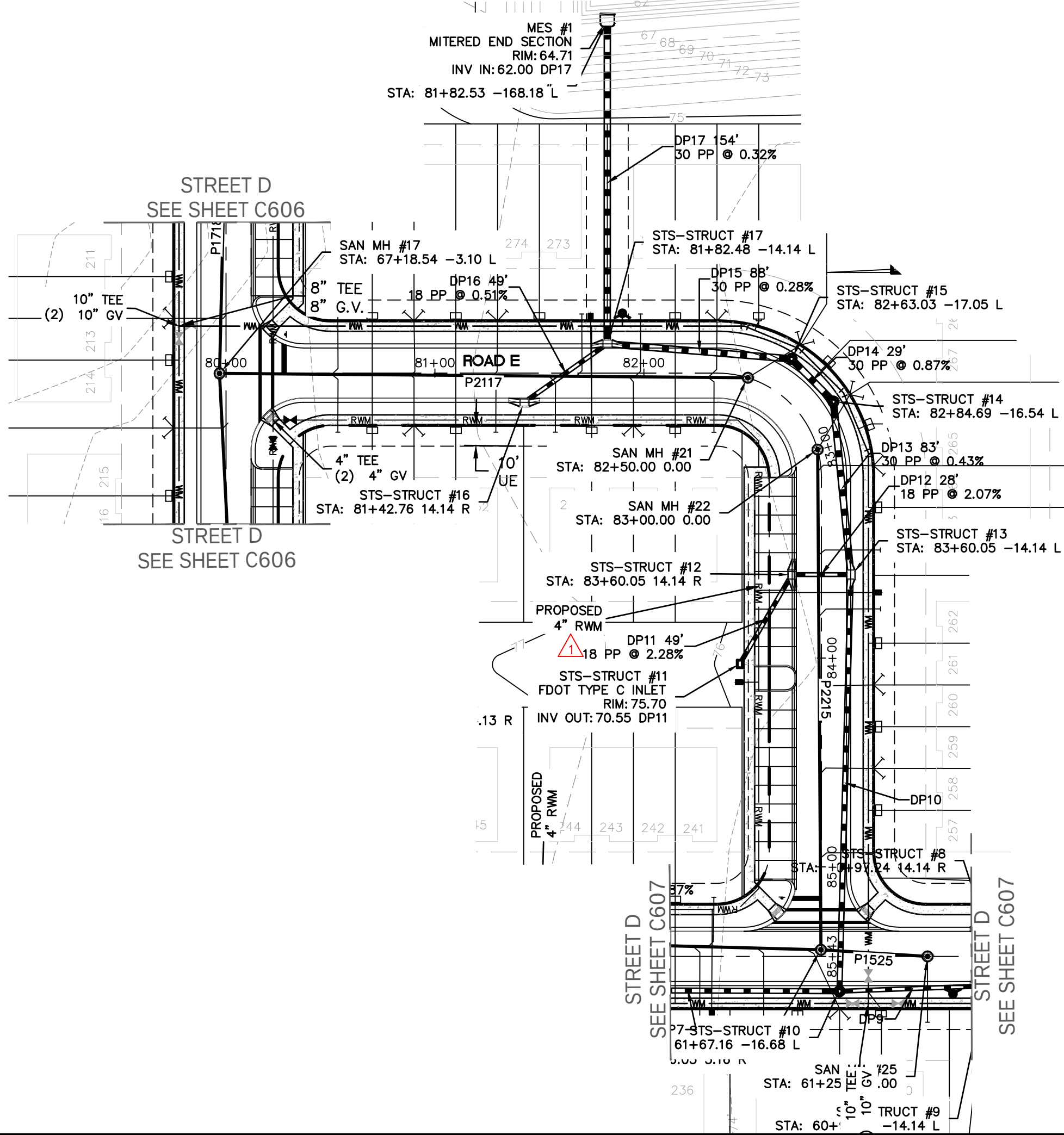
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



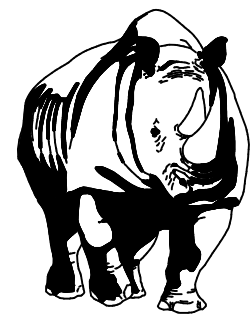
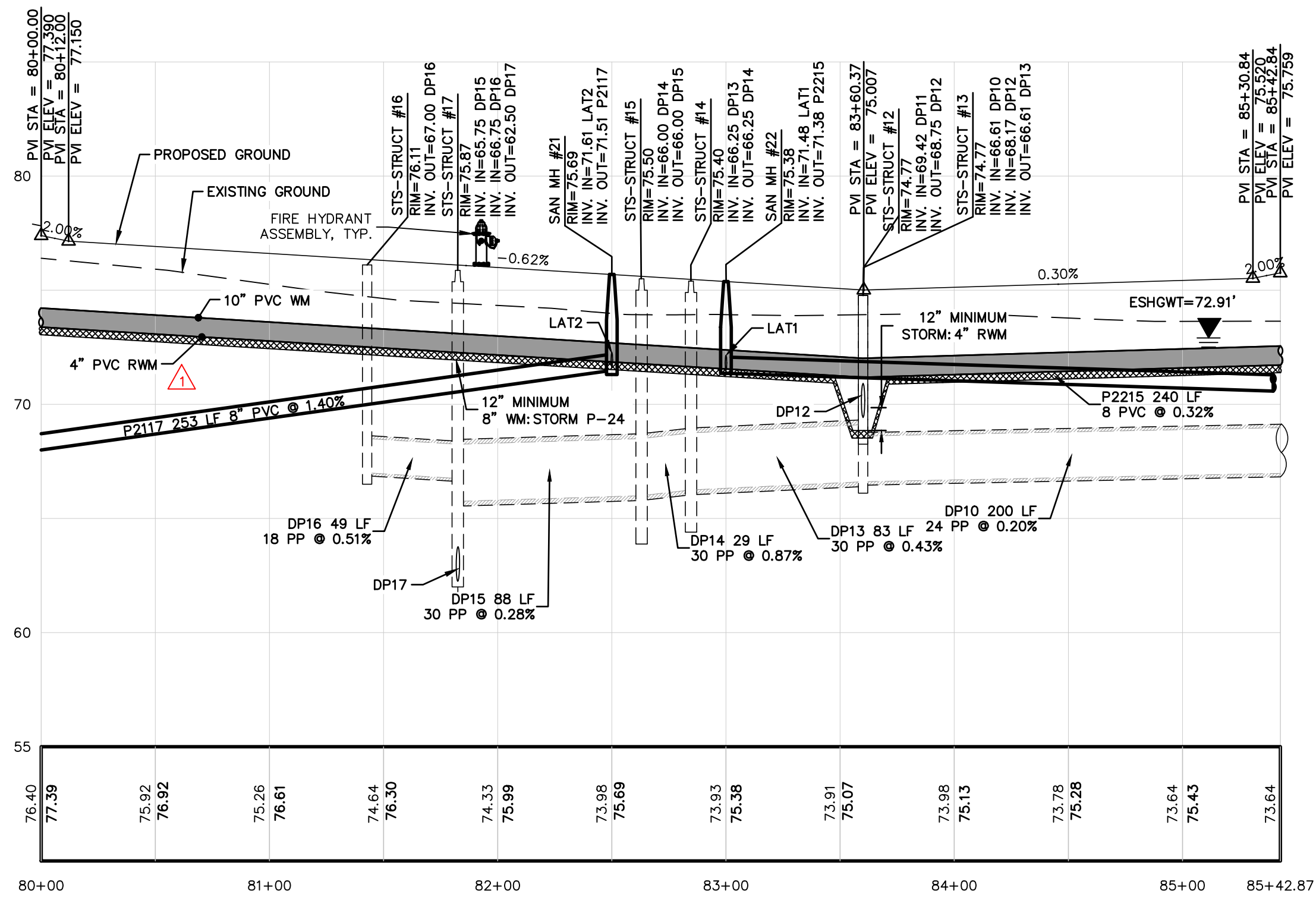
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C607



ROAD E



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WOODHEAD & STOKES, LLC
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

STREET E PLAN + PROFILE

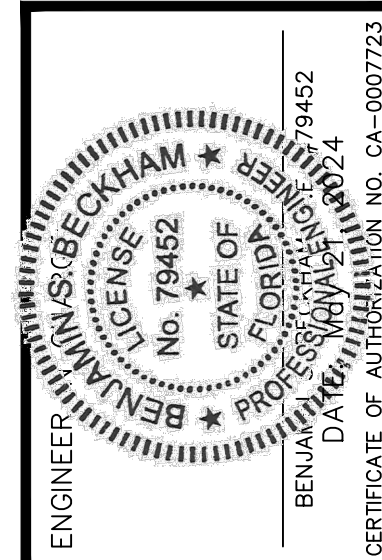
FOR

SUMMIT PLACE

FLORIDA

CITY OF BELAND

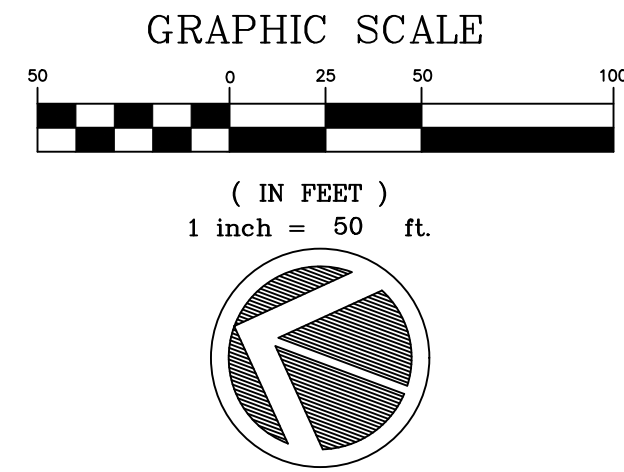
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



NO.	DATE	REVISIONS
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSS

C608



MADDEN
WOODHEAD & STOKES, LLC
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

SUMMIT AVENUE OFF-SITE PLAN + PROFILE
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

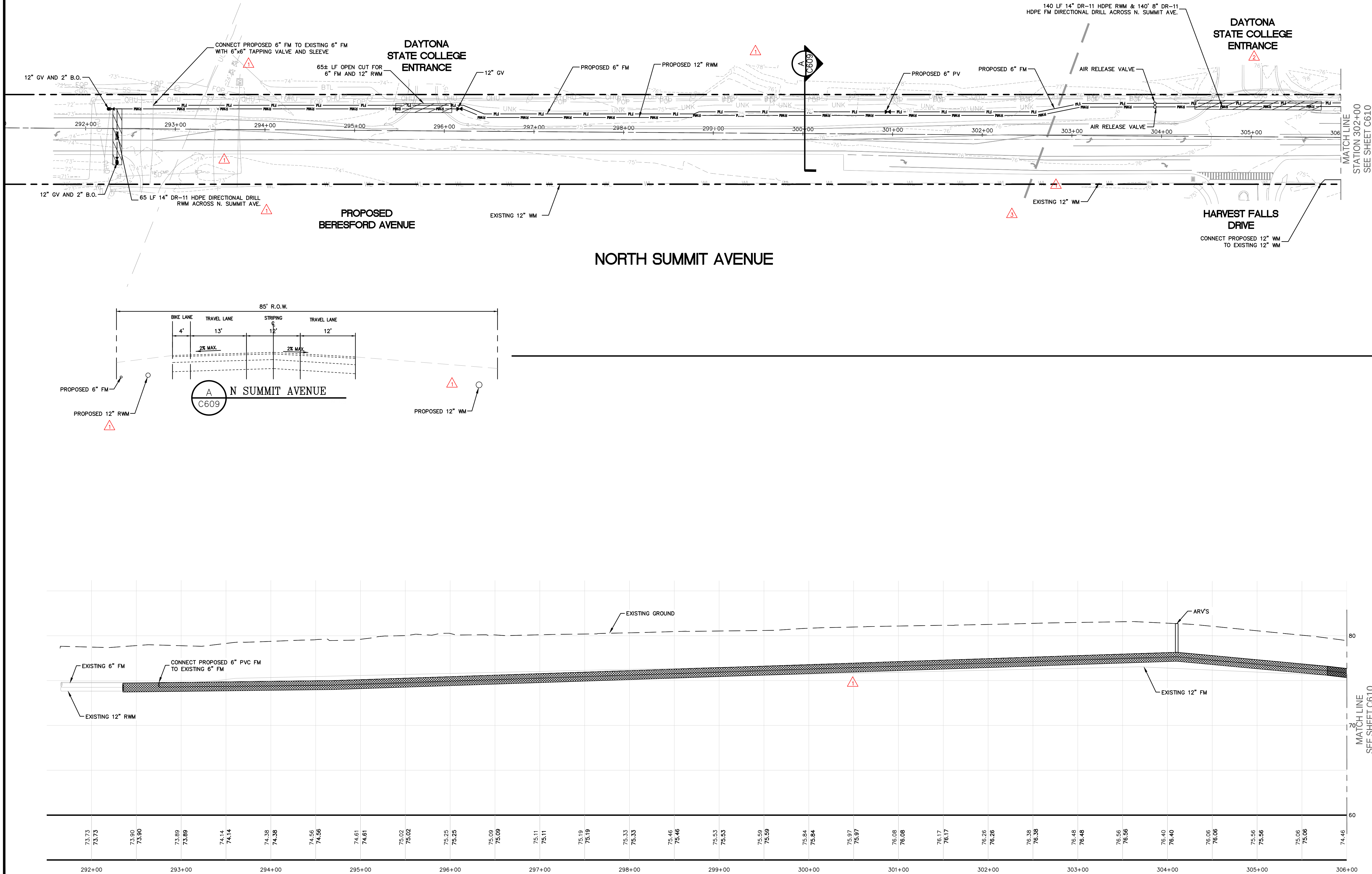
DR HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

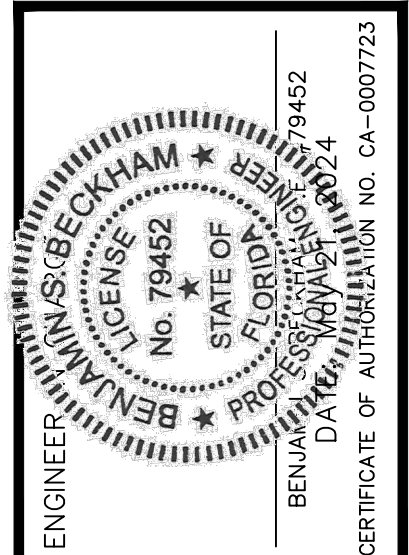
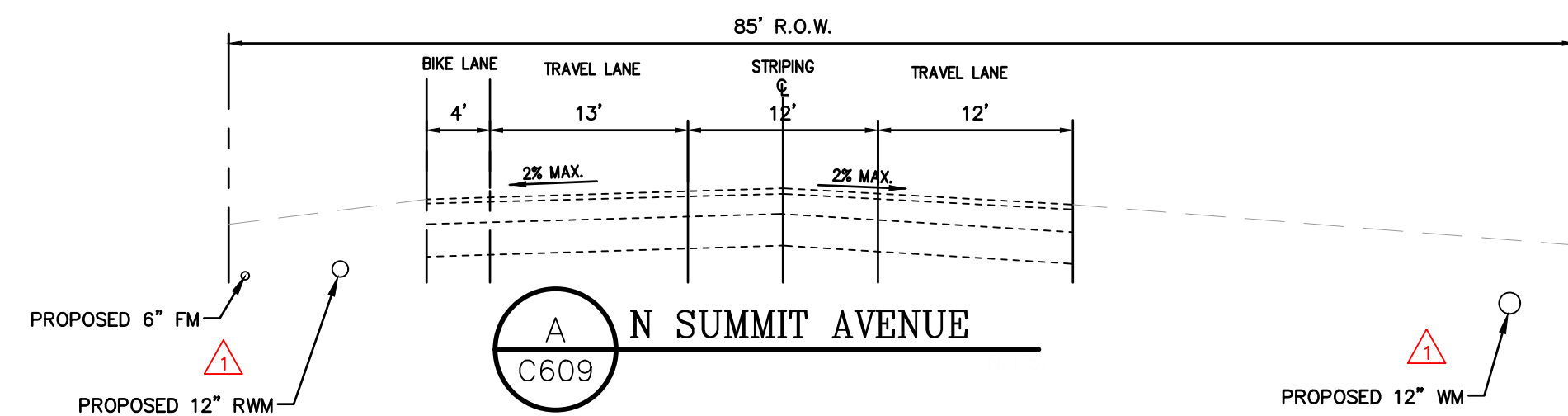
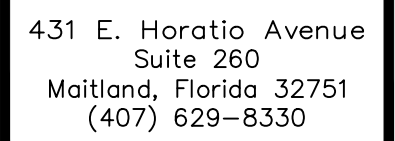
ENGINEER BENJAMIN S. BECKHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE 02/20/23
CITY OF DELAND
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

NO.	DATE	REVISIONS
1	3/15/23	REV PER CITY OF DELAND COMMENTS DATED 03/09/23
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=50'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

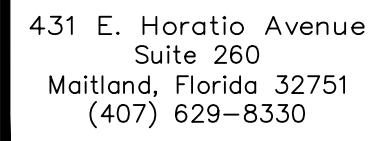
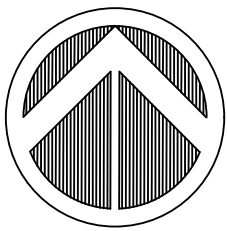
C609





JOB # _____ 21086
DATE: _____ 02/20/23
SCALE: _____ 1"=50'
DESIGNED BY: _____ JTT
DRAWN BY: _____ JTT
APPROVED BY: _____ BSB

of 265



C700



EROSION CONTROL:

THE CONTRACTOR SHALL PERFORM EROSION CONTROL MEASURES IN ACCORDANCE WITH LOCAL MUNICIPALITY AND THE WATER MANAGEMENT DISTRICT, DETAILS CONTAINED IN THE PLANS, THE FOLLOWING NOTES AND AS DIRECTED BY THE ENGINEER.

A. TEMPORARY EROSION CONTROL

- STOCKPILING MATERIAL: NO EXCAVATING MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATERBODY OR STORMWATER COLLECTION FACILITY.
- INLET PROTECTION – INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT- LADEN STORM RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATERBODY OR STORMWATER COLLECTION FACILITY.
- TEMPORARY SEEDING / STRIP SODDING – AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN THIRTY DAYS SHALL BE STRIP-SODDED ALONG ALL DEDICATED ROW's. THIS WILL PREVENT SEDIMENT RUNOFF FROM INDIVIDUAL LOTS INTO THE ROW AND DRAINAGE SYSTEMS, AND WILL NOT LATER COMPETE WITH THE PERMANENT LOT GRASSING.
- TEMPORARY SEEDING AND MULCHING – SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN NOTE 3 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA TO A DEPTH OF 4 INCHES.
- TEMPORARY GRASSING – THE SEEDED OR THE SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED AS REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
- TEMPORARY REGRASSING – IF AFTER FOURTEEN DAYS, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75% GOOD GRASS COVER THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATION COVER.
- THE CONTRACTOR SHALL PLACE HAY BALES AROUND ALL EXISTING AND NEWLY CONSTRUCTED INLETS TO CONTROL EROSION DURING CONSTRUCTION.
- MAINTENANCE – ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
- PERMANENT EROSION CONTROL

THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON OFF-SITE FACILITIES. ALL STORMWATER DISCHARGE FROM THE PROJECT LIMITS SHALL BE ROUTED THROUGH DETENTION BASINS TO TRAP SUSPENDED SEDIMENTS AND DISCHARGE FACILITIES FROM THESE BASINS SHALL BE PROVIDED WITH A SKIMMER DEVICE TO TRAP FLOATABLE DEBRIS.

- PERMANENT SEEDING – ALL AREAS WHICH HAVE BEEN DISTURBED BY THE CONSTRUCTION WILL, AS A MINIMUM, BE FERTILIZED AND SEED.
- PERMANENT SEEDING AND MULCHING – SLOPES OF 6:1 TO 4:1 INCLUSIVE WILL BE MULCHED WITH A UNIFORM THICKNESS OF APPROXIMATELY TWO INCHES, LOOSE MEASURE, OF MULCH MATERIAL INCORPORATED INTO THE SOIL BY MIXING TO A DEPTH OF FOUR INCHES.
- PERMANENT SODDING – ALL RETENTION/DETENTION BASINS SHALL BE SODDED WITHIN THEIR LIMITS. ALL EXPOSED AREAS WITHIN PUBLIC RIGHT-OF-WAYS WILL BE SOID SODDED. OTHER AREAS WITH AREAS WITH SLOPES STEEPER THAN 4:1 WILL BE SODDED.
- STRIP SODDING – STRIP SOD SHALL BE PLACED ADJACENT TO ALL CURBS, WALKS AND PAVEMENTS AT A MINIMUM 4 FEET WIDTH.
- REGRASSING – ALL GRASSED AREAS WILL BE MAINTAINED TO ASSURE A GOOD STAND AND SUFFICIENT GROUND COVER TO MINIMIZE EROSION. IF, AFTER 60 DAYS AN ADEQUATE GROUND COVER HAS NOT BEEN ESTABLISHED, THE AREA WILL BE REGRASSED.
- ADDITIONAL FERTILIZATION – GRASSED AREAS NOT ACCEPTED WITHIN 90 DAYS OF THEIR COMPLETION SHALL BE FERTILIZED IN ACCORDANCE WITH THE COUNTY'S FERTILIZER ORDINANCE.
- FOR ADDITIONAL SODDING REQUIREMENTS, REFER TO THE LANDSCAPE PLANS.

STORMWATER POLLUTION PREVENTION NOTES:

- THE CONTRACTOR SHALL EXECUTE ALL MEASURES NECESSARY TO LIMIT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT TO THE VOLUME AND AMOUNT THAT ARE EXISTING PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THIS CONDITION WILL BE SATISFIED FOR THE TOTAL ANTICIPATED CONSTRUCTION PERIOD. PROVISION MUST BE MADE TO PRESERVE THE INTEGRITY GRADING PATTERNS, ETC. REQUIRED TO MEET THIS PROVISION THROUGHOUT THE LIFE OF THE CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE SILT BARRIERS, TEMPORARY GRASSING, ETC. AS REQUIRED TO FULLY COMPLY WITH THE INTENT OF THIS SPECIFICATION.
- NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.
- THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING AND GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL BE CONTROLLED, SO THAT THIS OPERATION WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
- INLETS AND CATCH BASINS SHALL BE PROTECTED FROM SEDIMENT LADEN STORMWATER RUNOFF UNTIL THE COMPLETION OF ALL CONSTRUCTION OPERATIONS THAT MAY CONTRIBUTE SEDIMENT TO THE INLET.
- AREAS OPENED BY CONSTRUCTION OPERATIONS THAT ARE NOT ANTICIPATED TO BE DRESSED OR RECEIVE FINAL GRASSING TREATMENT WITHIN THIRTY DAYS SHALL BE SEED WITH A QUICK GROWING GRASS SPECIES WHICH WILL PROVIDE AN EARLY COVER, DURING THE SEASON IN WHICH IT IS PLANTED. TEMPORARY SEEDING SHALL BE CONTROLLED SO AS TO NOT ALTER OR COMPETE WITH PERMANENT GRASSING. THE RATE OF SEEDING SHALL BE 30 POUNDS PER ACRE.
- THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED AS REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
- IF AFTER 14 DAYS, THE TEMPORARY GRASSES AREAS HAVE NOT ATTAINED A MINIMUM OF 75% GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED TO ESTABLISH THE DESIRED VEGETATION COVER.
- ALL FEATURES OF THE PROJECT SHALL BE CONSTRUCTED TO PREVENT EROSION AND SEDIMENT AND SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION PROPERLY WITHOUT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT.
- ALL DISTURBED AREAS OUTSIDE THE EXCAVATION AND FILL LIMITS WILL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN THEIR CONDITION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE OF ALL NEWLY PLANTED GRASSES OR VEGETATION AND RETENTION/DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE CITY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILITY OF EMBANKMENTS AND SHALL REPLACE ANY PORTION, WHICH IN THE OPINION OF THE ENGINEER, HAS BECOME DISPLACED DUE TO EROSION OR DUE TO CARELESSNESS OR NEGLIGENCE ON THE PART OF THE CONTRACTOR.
- THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS CONTROLLING POLLUTION OF THE ENVIRONMENT. MEASURES SHALL BE TAKEN BY THE CONTRACTOR TO CONTROL EROSION AND SEDIMENT RUNOFF FROM THE SITE DURING CONSTRUCTION. SUCH METHODS SHALL BE IN ACCORDANCE WITH THE CURRENT FLORIDA DEPARTMENT OF TRANSPORTATION STANDARDS.
- ABSOLUTELY NO WORK WILL BE ALLOWED WITHIN ANY CONSERVATION AREA, BUFFER AREA, MITIGATION AREA OR DESIGNATED WETLAND AREA UNLESS SO SPECIFICALLY DESCRIBED BY THE PLANS AND GRANTED BY REASON OF PERMIT FROM THE GOVERNMENTAL ENTITY HAVING JURISDICTION OVER SAID AREA.
- PRIOR TO CLEARING AND GRUBBING, THE LIMITS OF WETLANDS, BUFFERS WETLANDS, BUFFERS AND MITIGATION AREAS SHALL BE CLEARLY MARKED ALONG THE PROPOSED RIGHT OF WAY LINE TO PROTECT THESE AREAS FROM ENCRoCHMENT FROM CONSTRUCTION ACTIVITIES.
- ALL FILL EMBANKMENT AND GRADED AREAS SHALL BE PROTECTED AGAINST EROSION BY METHODS STATED IN SECTION 104. F.D.O.T. STANDARD SPECIFICATIONS FOR BRIDGE AND ROAD CONSTRUCTION. SIDE SLOPE MAY BE SEED AND MULCHED, PROVIDED THAT THE MULCH MATERIAL IS DISC HARROWED AND THE SIDE SLOPES ARE NEITHER GREATER THAN 3:1 NOR PART OF A DRAINAGE CONVEYANCE.
- DELETED.
- EROSION CONTROL AT ALL INLET DRAINAGE STRUCTURES DURING CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH FDOT INDEX NO. 102.
- INSPECTIONS ON EROSION CONTROL MEASURES WILL BE PERFORMED BY THE CONTRACTOR ONCE PER WEEK AND WITHIN 24 HOURS AFTER 1/2 INCH OF RAINFALL. THE INSPECTIONS MUST BE LOGGED BY THE CONTRACTOR AND KEPT WITH THE APPROVED PLANS AND SWPPP.
- GRAVEL CONSTRUCTION ENTRANCES SHALL BE PROVIDED TO MINIMIZE EXPORT OF ONSITE DIRT. IF GRAVEL IS NOT ALLOWED, THE CONSTRUCTION ENTRANCES SHALL BE SWEEP PERIODICALLY AND LOGGED BY THE CONTRACTOR.

CERTIFICATION FOR CONTRACTORS AND SUB-CONTRACTORS

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND TERMS AND CONDITIONS OF THE GENERIC STORMWATER PERMIT ISSUED PURSUANT TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

NAME: _____ SIGNATURE: _____ DATE: _____

ADDRESS: _____ TELEPHONE: _____

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND TERMS AND CONDITIONS OF THE GENERIC STORMWATER PERMIT ISSUED PURSUANT TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

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ADDRESS: _____ TELEPHONE: _____

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NAME: _____ SIGNATURE: _____ DATE: _____

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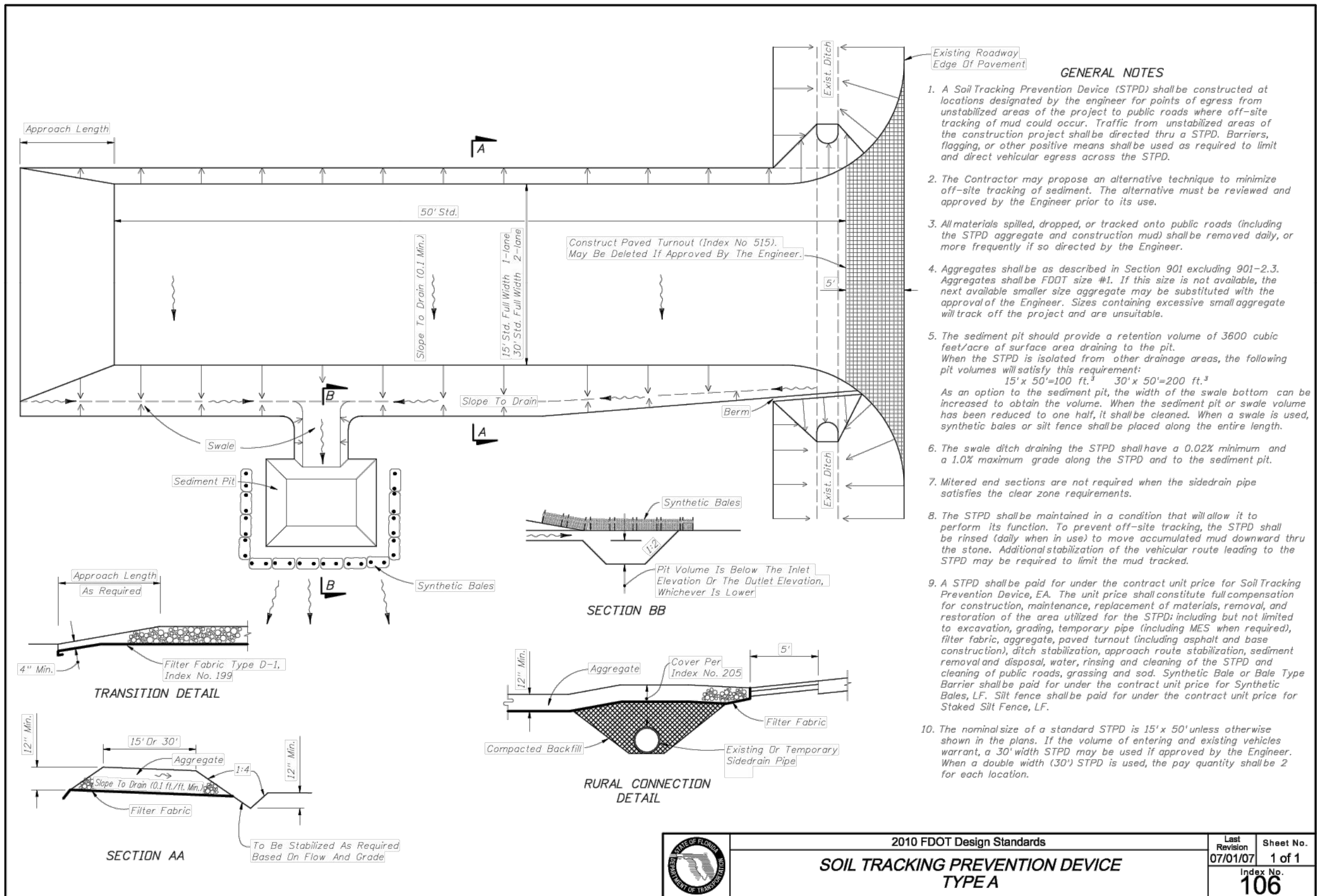
NAME: _____ SIGNATURE: _____ DATE: _____

ADDRESS: _____ TELEPHONE: _____

I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND TERMS AND CONDITIONS OF THE GENERIC STORMWATER PERMIT ISSUED PURSUANT TO SECTION 403.0885, F.S., THAT AUTHORIZES THE STORMWATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION.

NAME: _____ SIGNATURE: _____ DATE: _____

ADDRESS: _____ TELEPHONE: _____



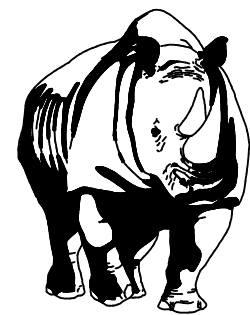
DEWATERING NOTE:

DISCHARGE OF GROUNDWATER FROM DEWATERING OPERATIONS REQUIRES APPROVAL FROM FDEP AND THE APPLICABLE WATER MANAGEMENT DISTRICT. THE DEVELOPER/CONTRACTOR SHALL OBTAIN AND FDEP GENERIC PERMIT FOR THE DISCHARGE OF GROUND WATER FROM DEWATERING OPERATIONS PURSUANT TO THE REQUIREMENTS OF 62-621.300(2)(A) AND 62-620 F.A.C. AND FLORIDA STATUTES CHAPTER 403. APPROPRIATE BMPs MUST BE IMPLEMENTED TO ENSURE THAT DISCHARGES DO NOT EXCEED SURFACE WATER QUALITY STANDARDS PER THE CCP. IF DEWATERING OFF SITE OR INTO THE COUNTY MS4, TURBIDITY MUST BE MONITORED TO ENSURE THAT DISCHARGES DO NOT EXCEED 29 NTU OVER BACKGROUND PER 62-302.530 FAC. DISCHARGES DIRECTED TO THE COUNTYS MS4 REQUIRE AN ORANGE COUNTY RIGHT-OF-WAY UTILIZATION PERMIT FOR DEWATERING PRIOR TO THE START OF ANY DISCHARGES. TO OBTAIN RIGHT-OF-WAY APPROVAL, COPIES OF THE FDEP PERMIT, NO. DOCUMENTATION SHOWING DEWATERING AT THE SITE IS NOT WITHIN 500 FT OF KNOWN CONTAMINATION, AND A DEWATERING PLAN SHALL BE SUBMITTED TO ALEXIS CLARK, ORANGE COUNTY ENVIRONMENTAL PROTECTION DIVISION (407-836- 1433) AND ORANGE COUNTY PUBLIC WORKS DEVELOPMENT ENGINEERING PERMITTING SECTION. ANALYTICAL SAMPLING OF GROUNDWATER MAY BE REQUESTED BY ORANGE COUNTY ON A CASE-BY-CASE BASIS TO CONFIRM SITE CONTAMINATION STATUS.

Figure V-2: Illustration of a Silt Fence Barrier

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V-7

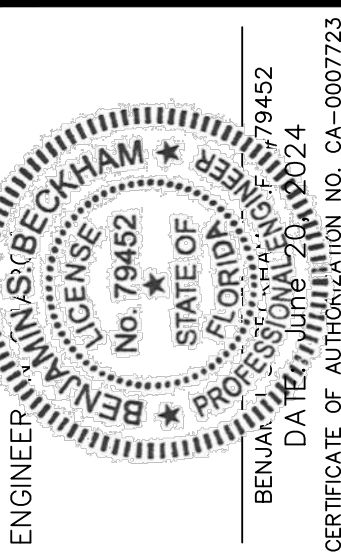


MADDEN
MOORHEAD & STOKES, LLC
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

EROSION CONTROL NOTES AND DETAILS
FOR
SUMMIT PLACE
CITY OF BELAND
FLORIDA

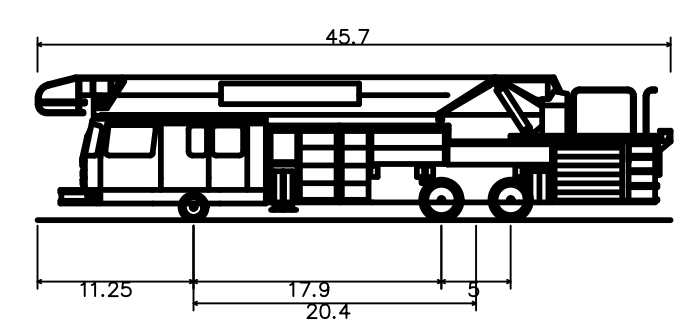
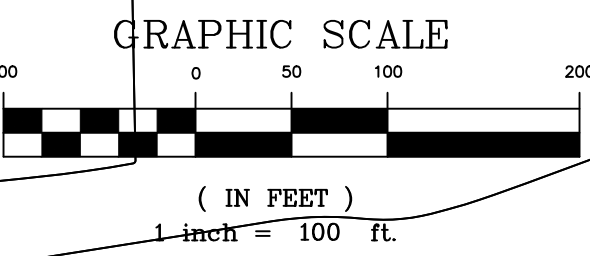
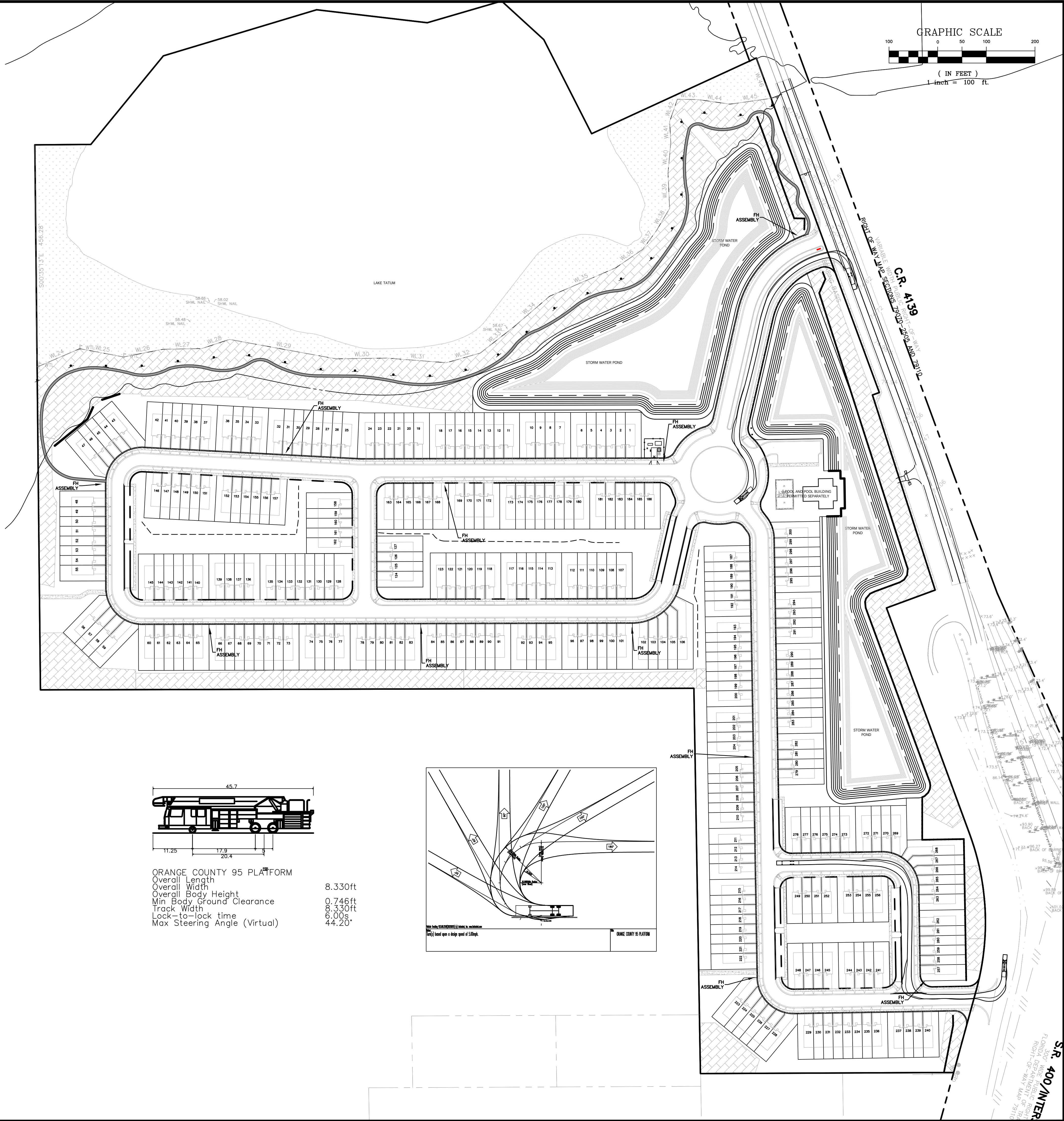
DR. HORTON
10192 DOWNEY ROAD
ORLANDO, FL 32832
(407) 850-5200



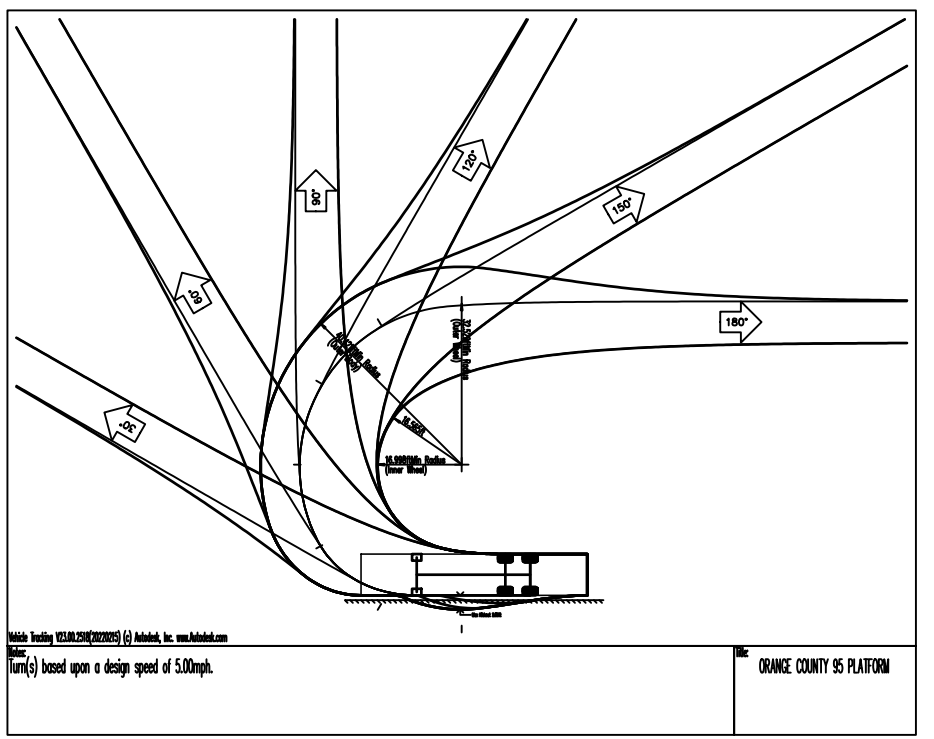
NO.	DATE	REVISION	REVISIONS
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JOB # _____ 21086
DATE: _____ 02/20/23
SCALE: 1"=100'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C701



ORANGE COUNTY 95 PLATFORM
Overall Length 45.70ft
Overall Width 11.25ft
Overall Body Height 8.330ft
Min Body Ground Clearance 0.746ft
Track Width 6.330ft
Lock-to-lock time 6.00s
Max Steering Angle (Virtual) 44.20°



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VEHICLE CIRCULATION PLAN
FOR
SUMMIT PLACE
CITY OF BELAND
FLORIDA

DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER BENJAMIN S. BLACKHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE: 02/20/23
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

NO.	DATE	REVISIONS
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JOB # 21886
DATE: 02/20/23
SCALE: 1"=100'
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C800

FLORIDA DEPARTMENT OF TRANSPORTATION
RIGHT-OF-WAY MAP 78113
DATE: 02/20/23
S.R. 400/INTER

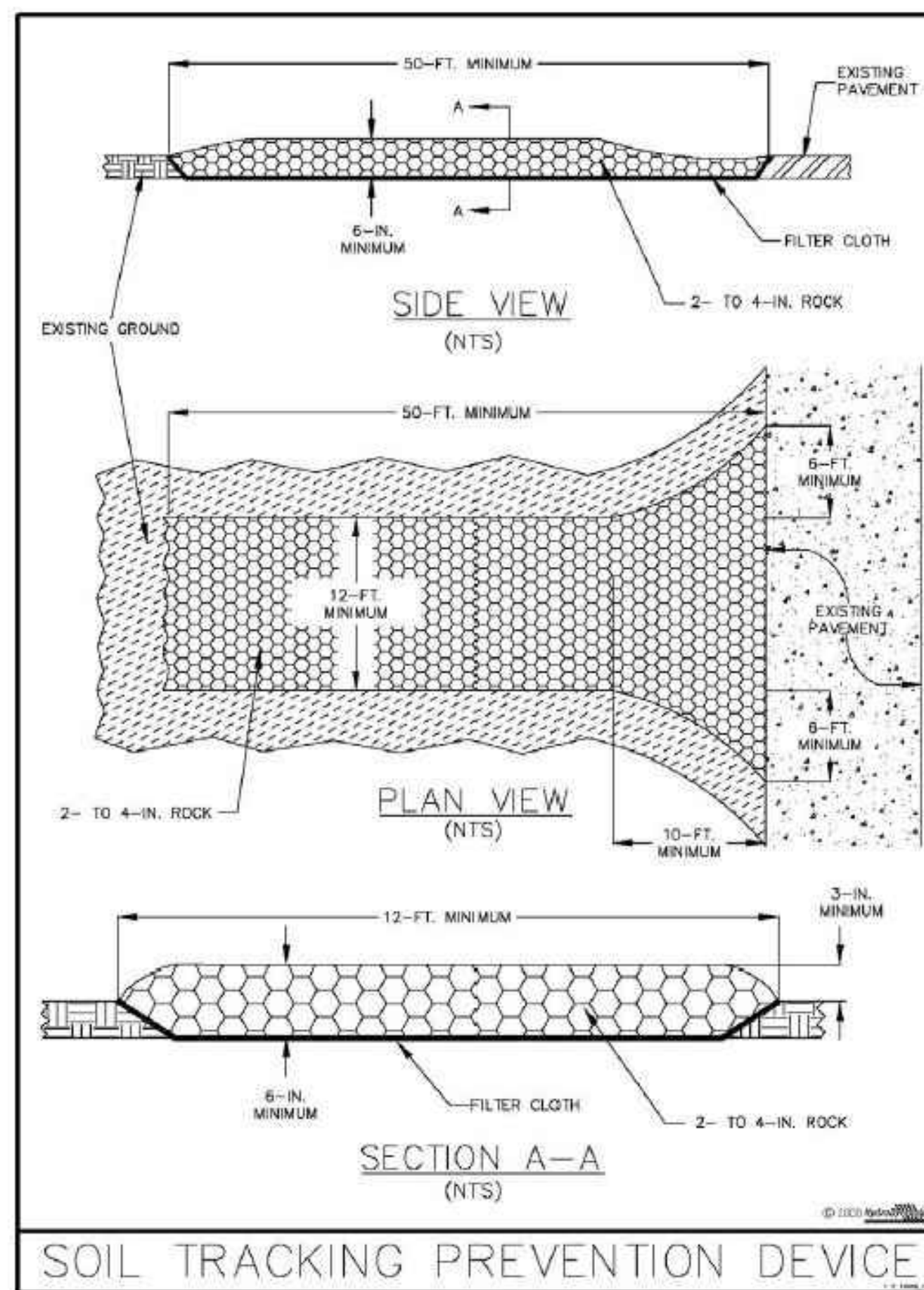
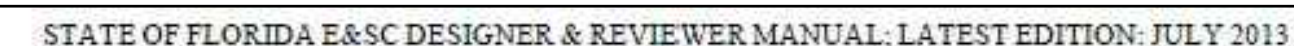
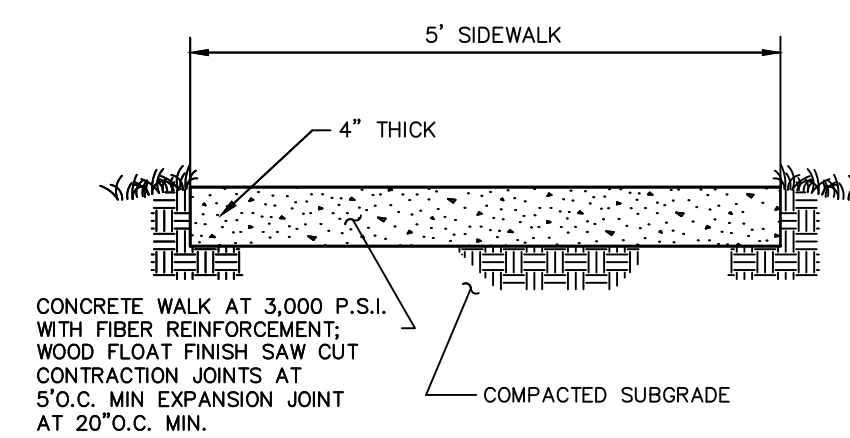
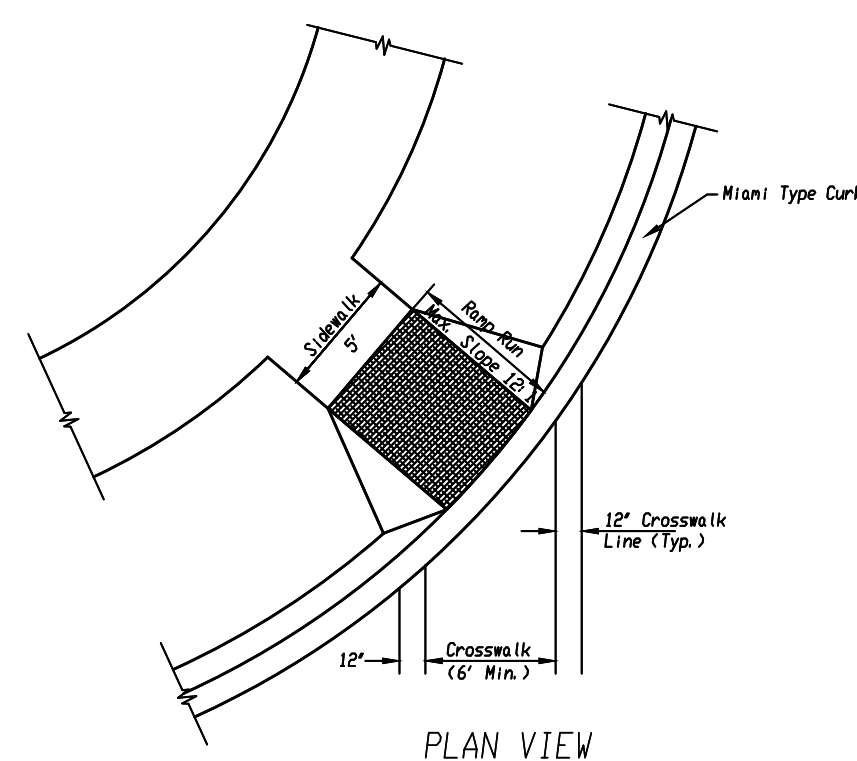


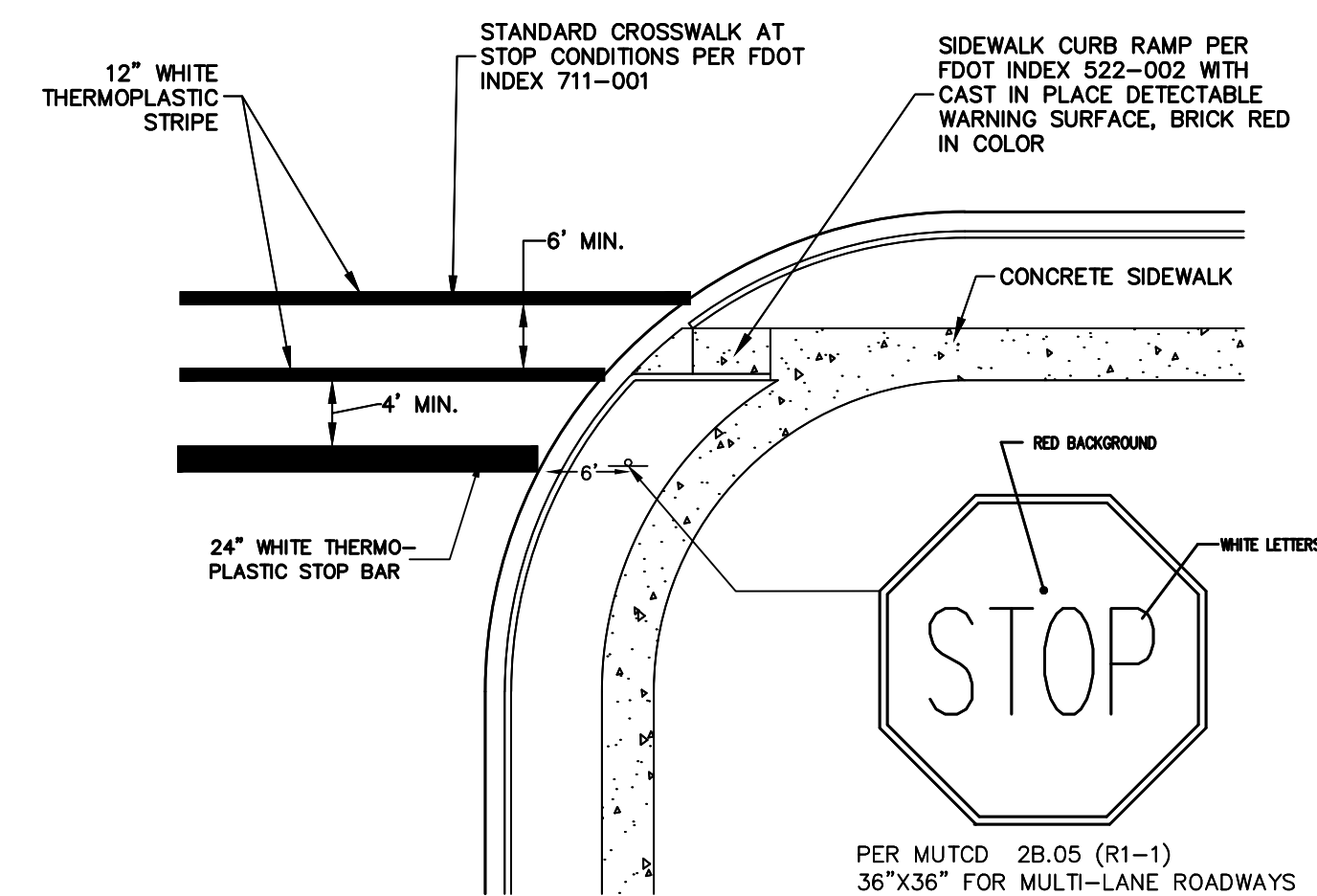
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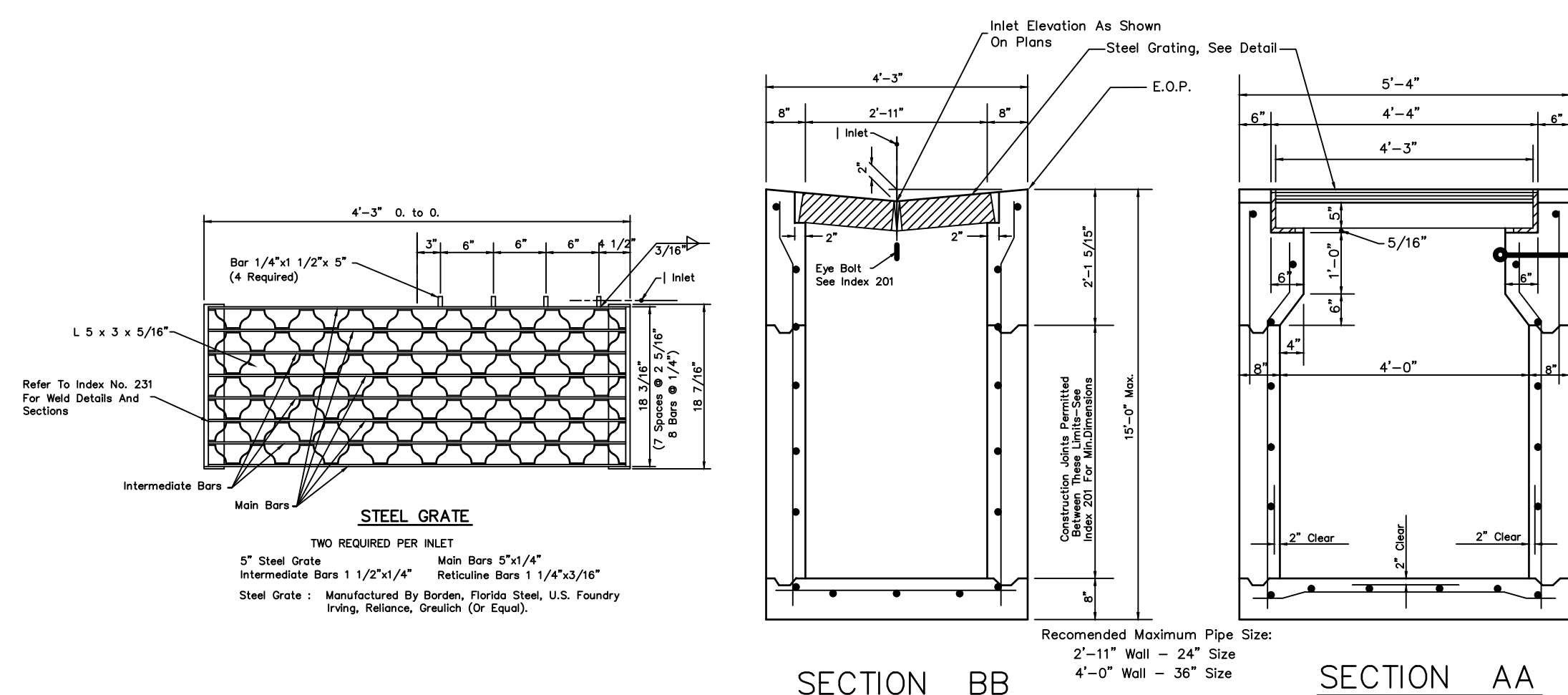
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- N.T.S.



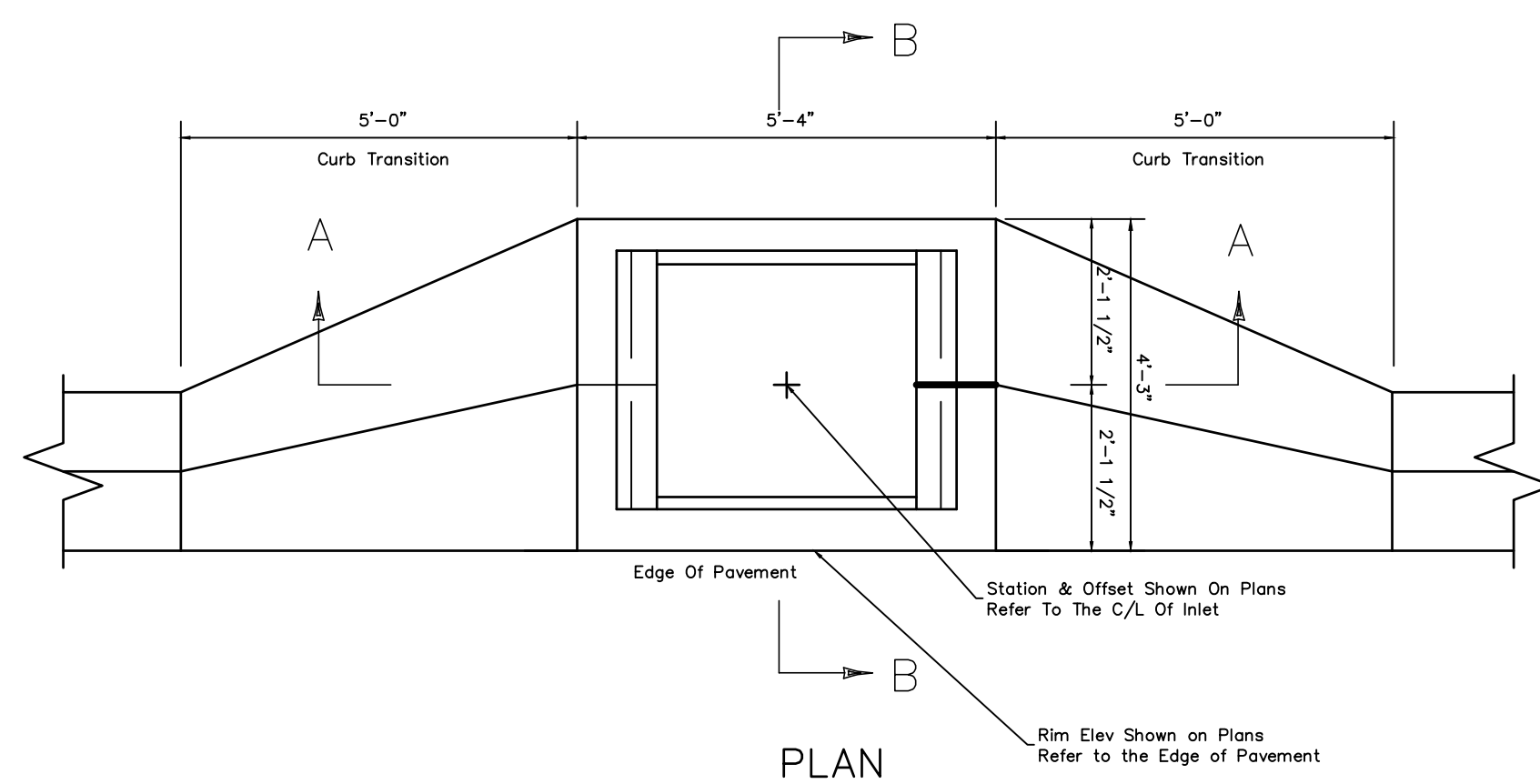
304 RAMPS FOR PEDESTRIAN TRAFFIC
- N.T.S.



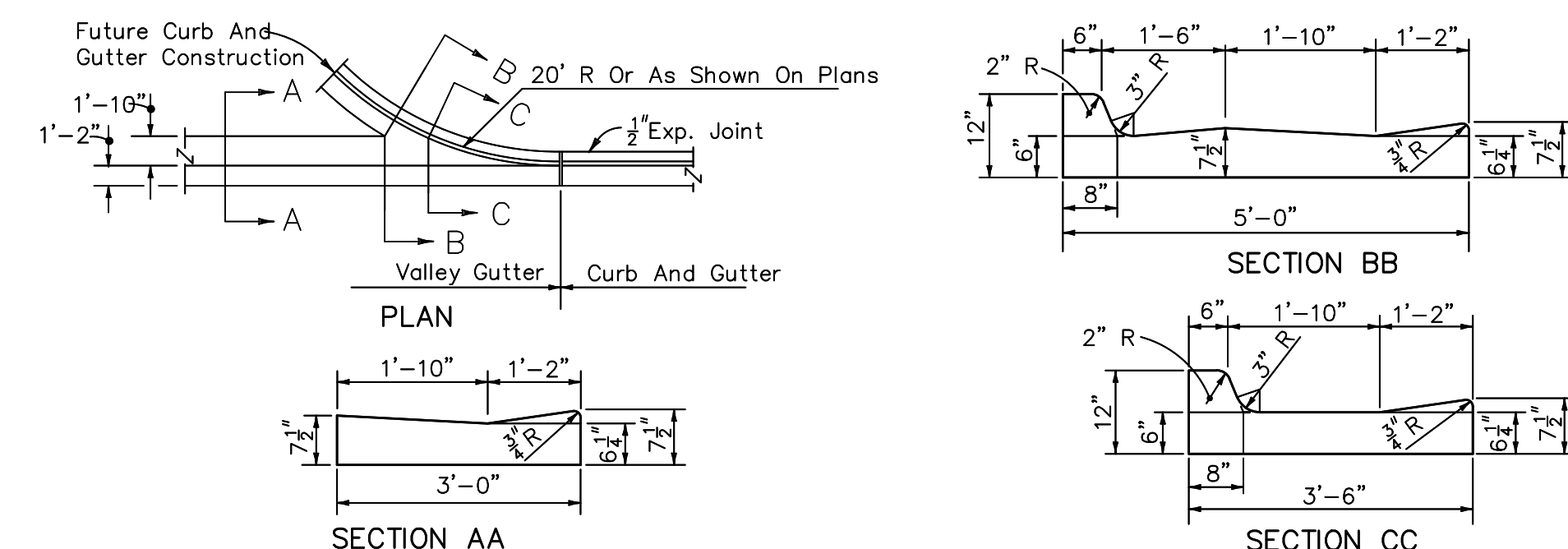
212	CROSSWALK, STOP SIGN, AND STOP BAR
-	N.T.S.



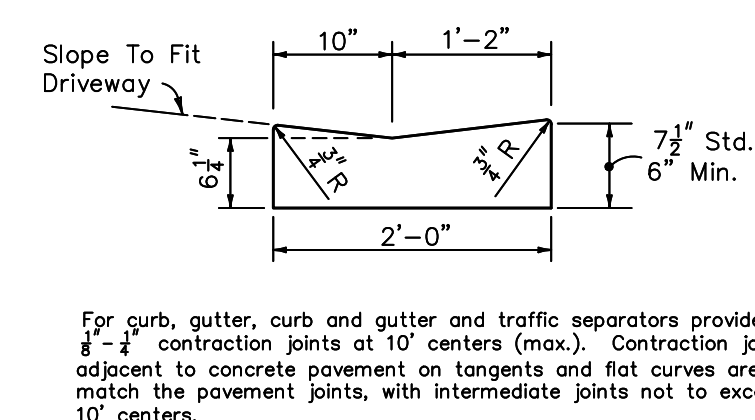
SECTION BB SECTION AA



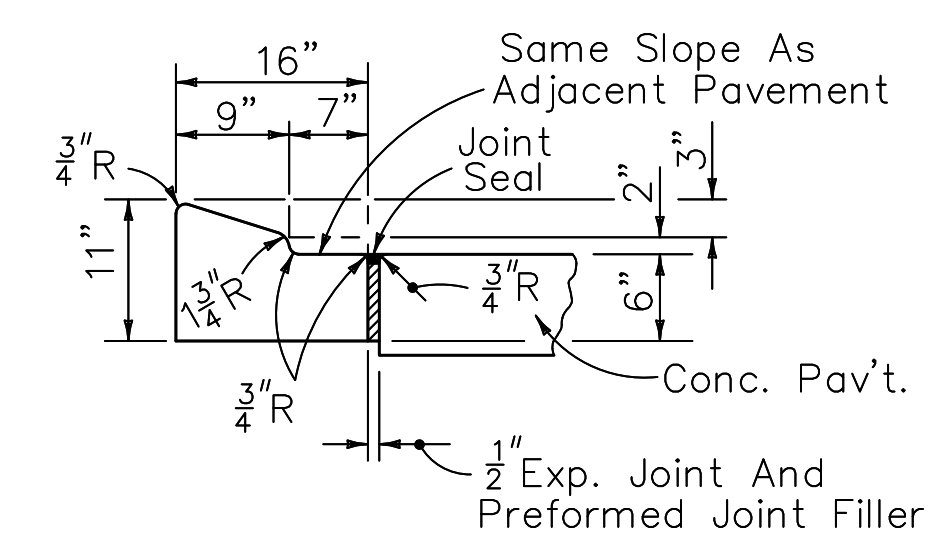
221M	TYPE V INLET - MODIFIED
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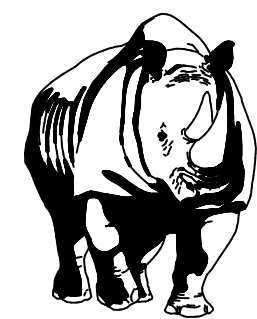
300V VALLEY GUTTER DETAIL
- N.T.S.



300M MIAMI CURB
- N.T.S.



300A F.D.O.T. TYPE A CURB
- N.T.S.



MADDEN
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CONSTRUCTION DETAILS

FOR

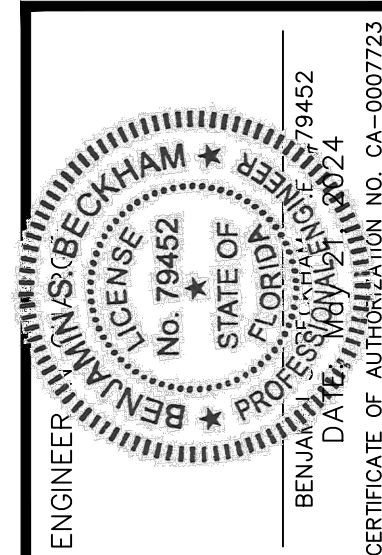
SUMMIT PLACE

FLORIDA

CITY OF DE LA RIVERA

DR HORTON
10192 DOWDEN ROAD

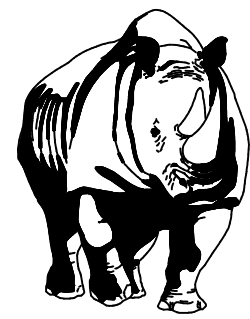
0192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



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	PERMISSIONS

JOB # _____ 2108
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DRAWN BY: _____ JT
APPROVED BY: _____ BSI

C900



MADDEN
CIVIL ENGINEERS

431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CONSTRUCTION DETAILS

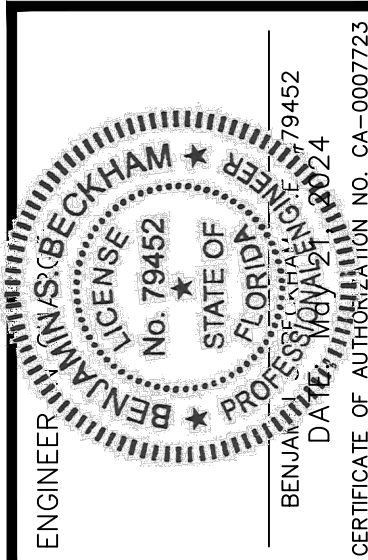
FOR

SUMMIT PLACE

FLORIDA

CITY OF BELAND

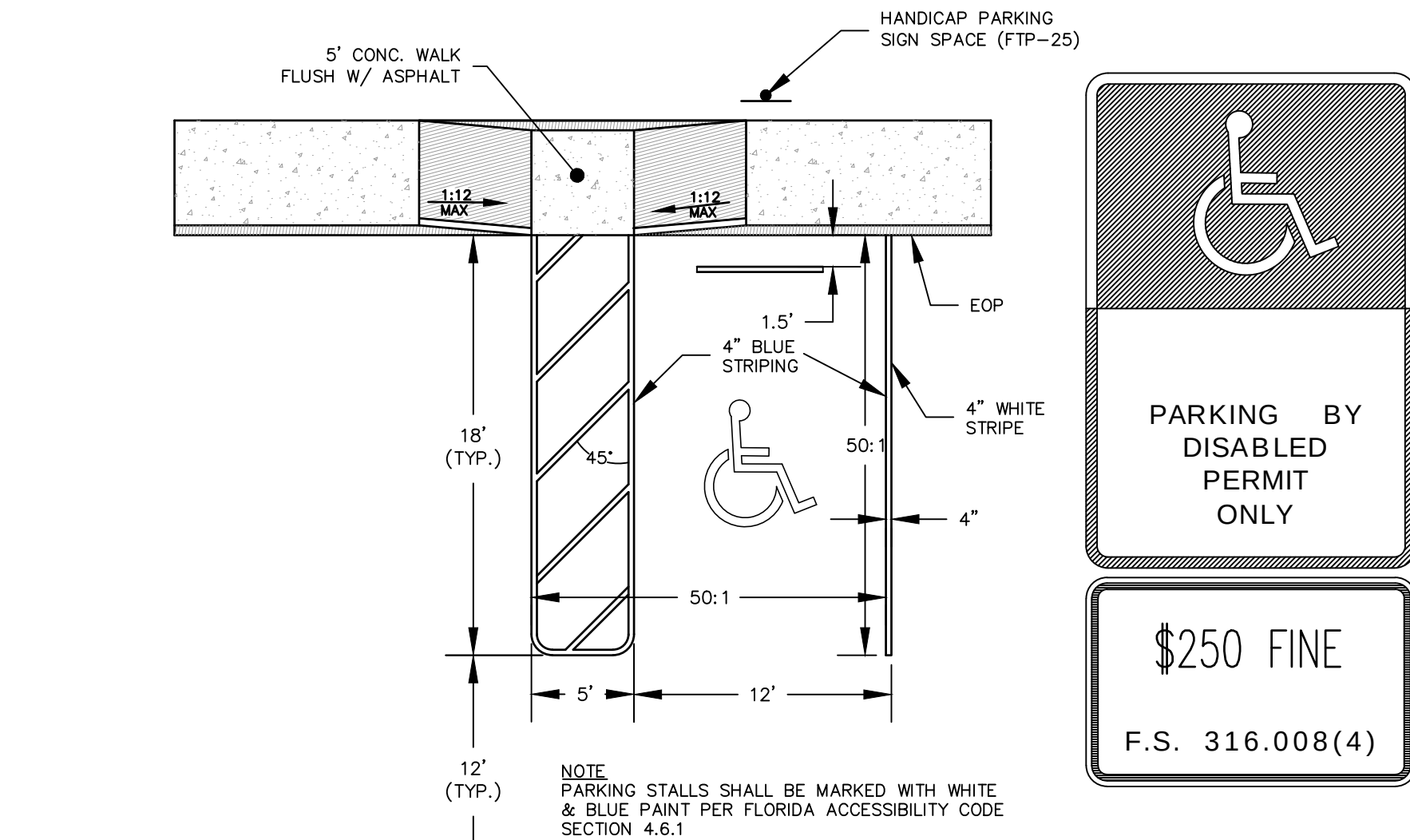
DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



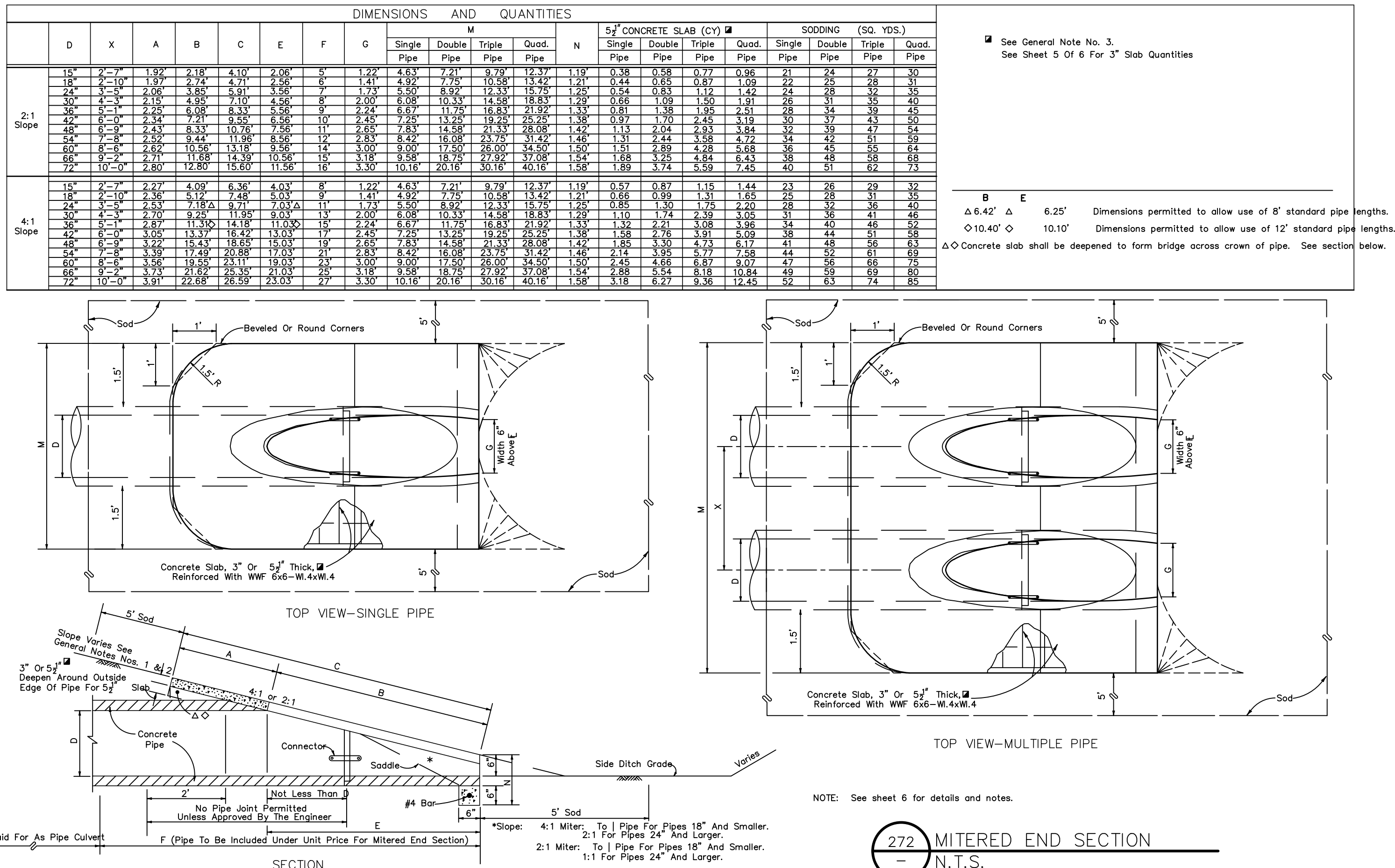
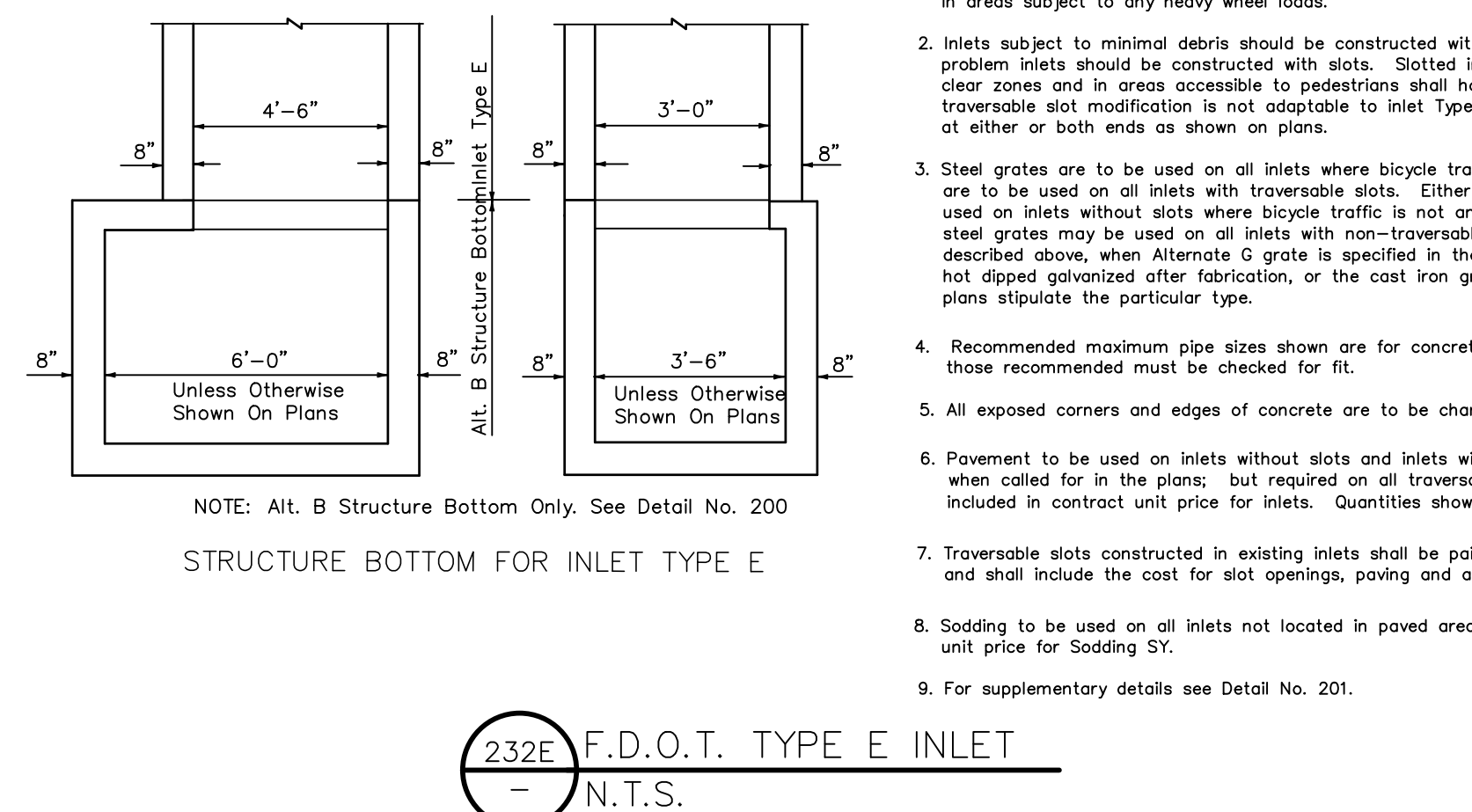
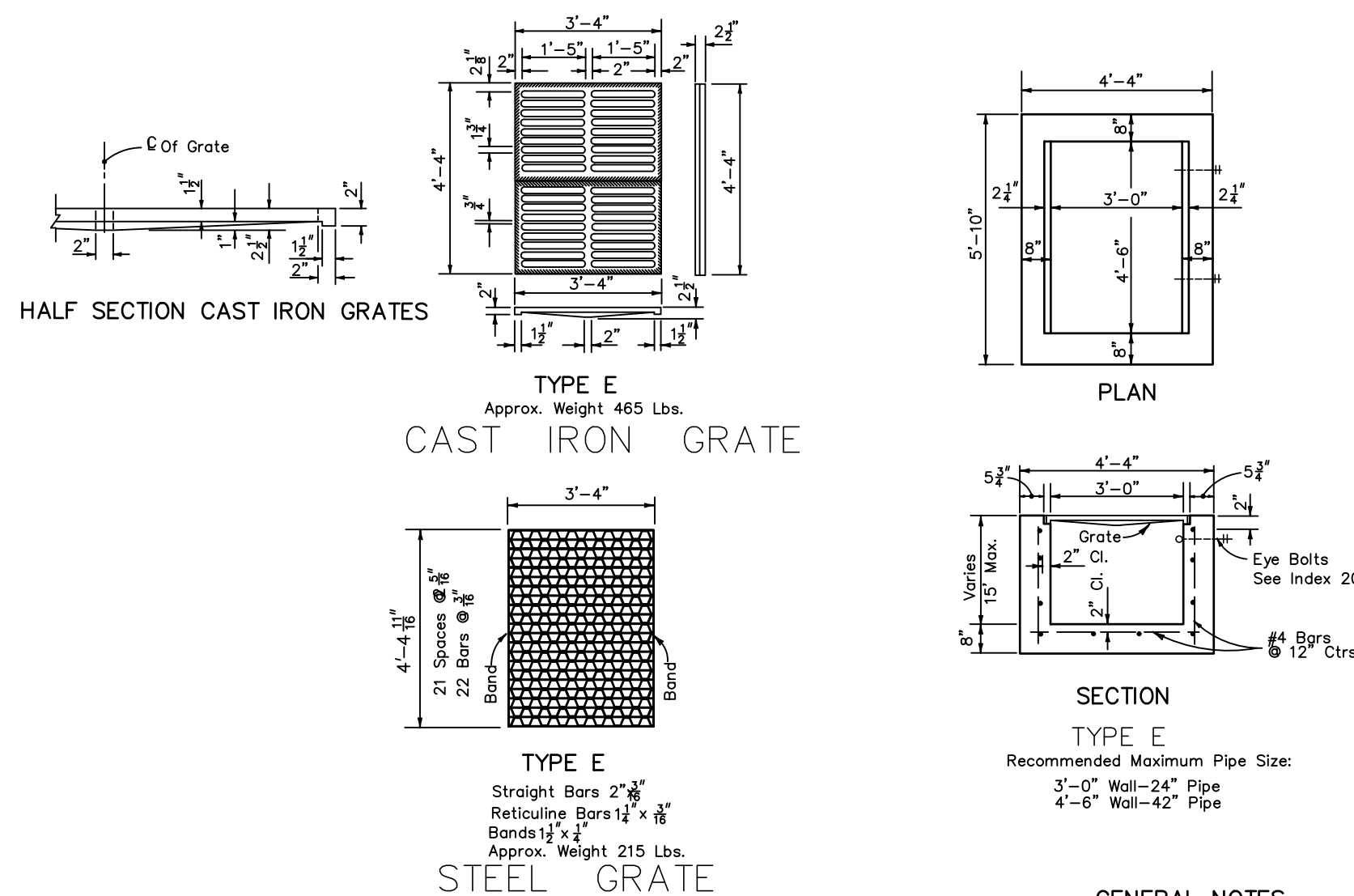
NO.	DATE	REVISIONS
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2	02/20/23	REVISED FOR COMMENTS
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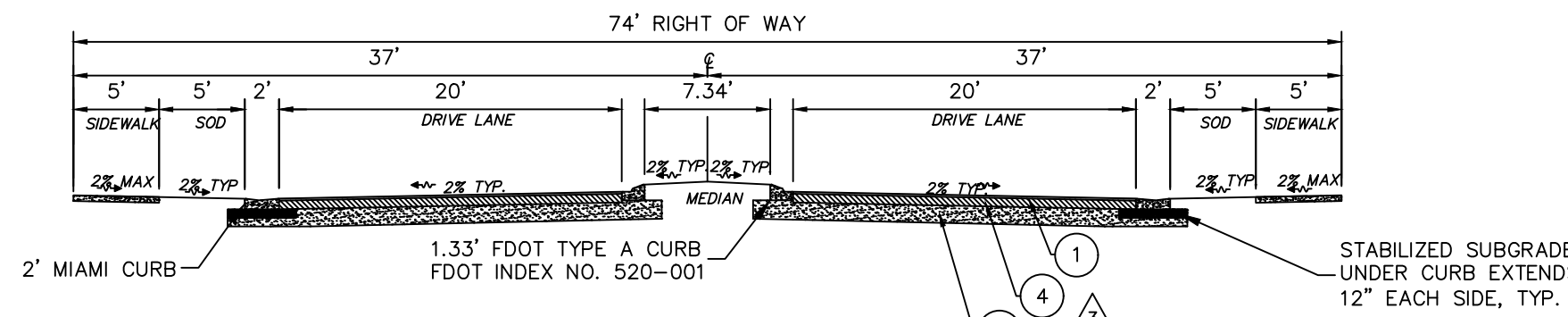
JOB # 21886
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C902

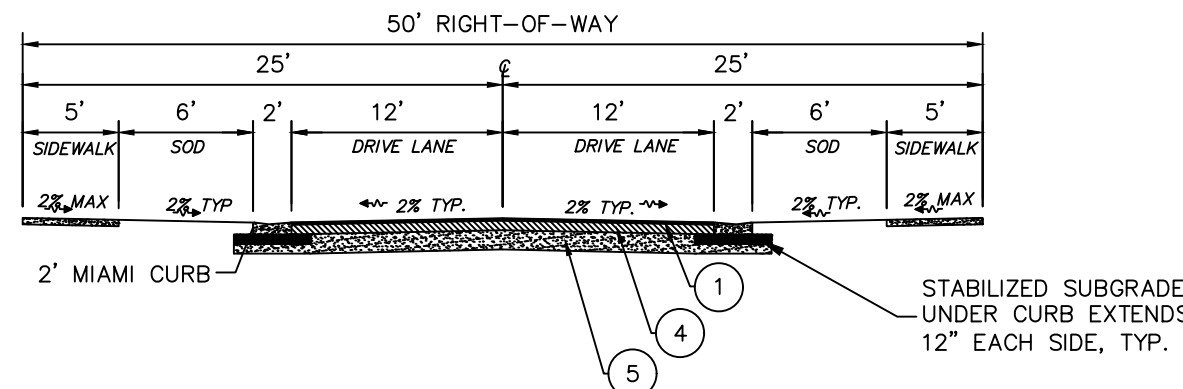


818 HANDICAP RAMP AND PARKING STALL DETAIL
N.T.S.

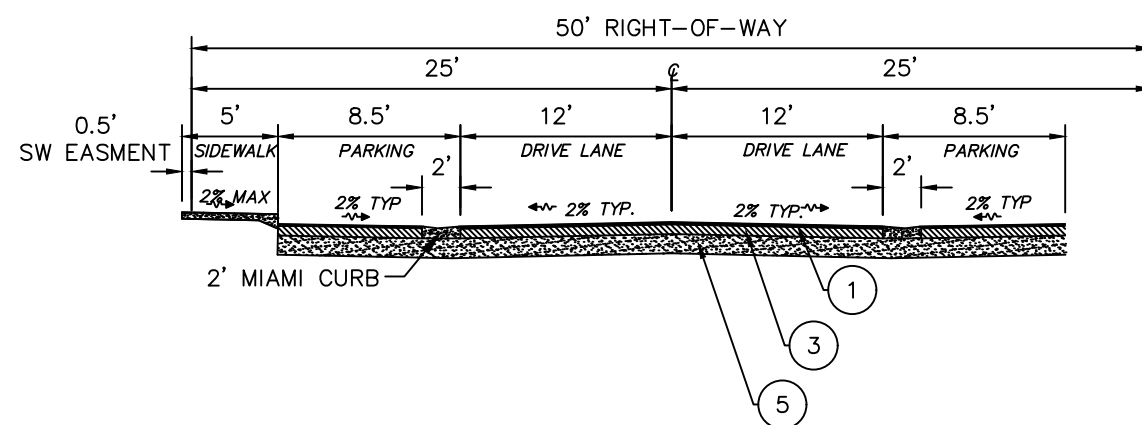




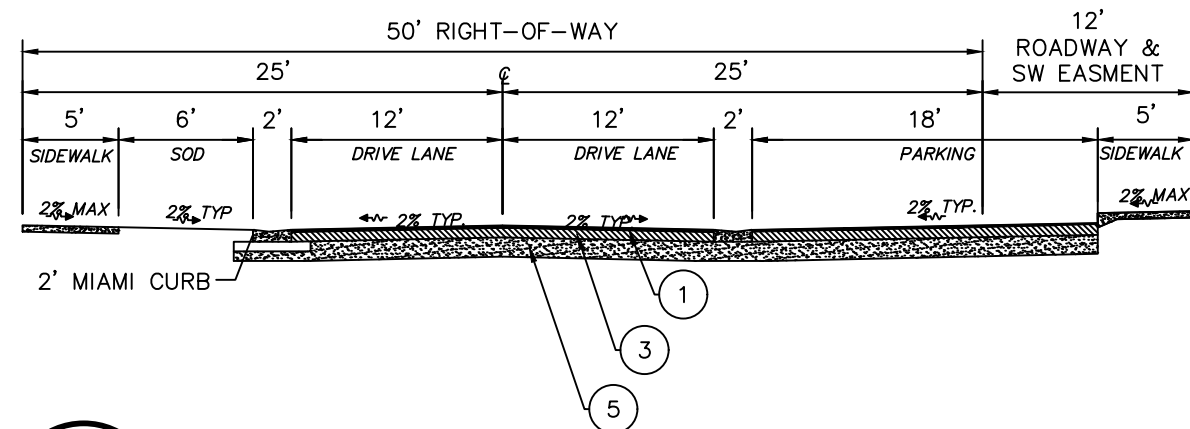
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TYPICAL ENTRANCE SECTION
C101



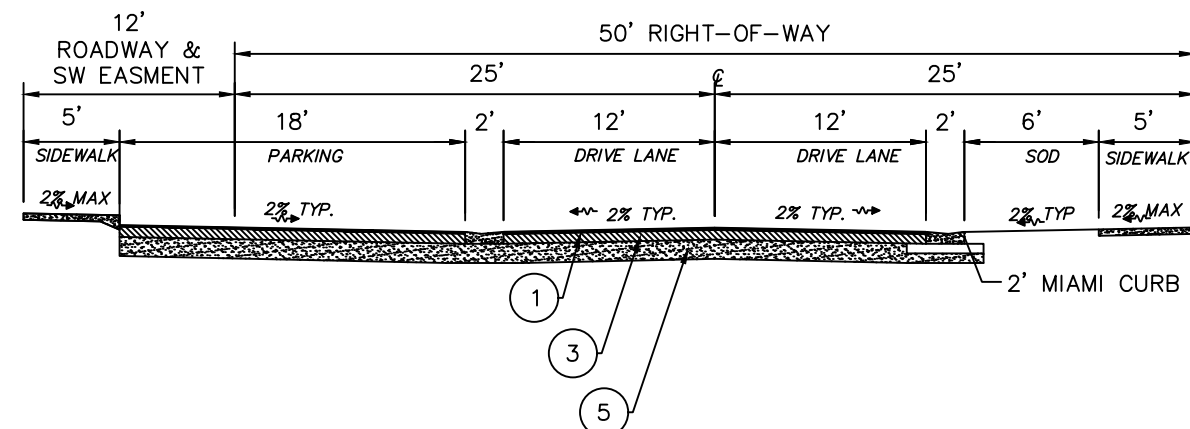
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C102



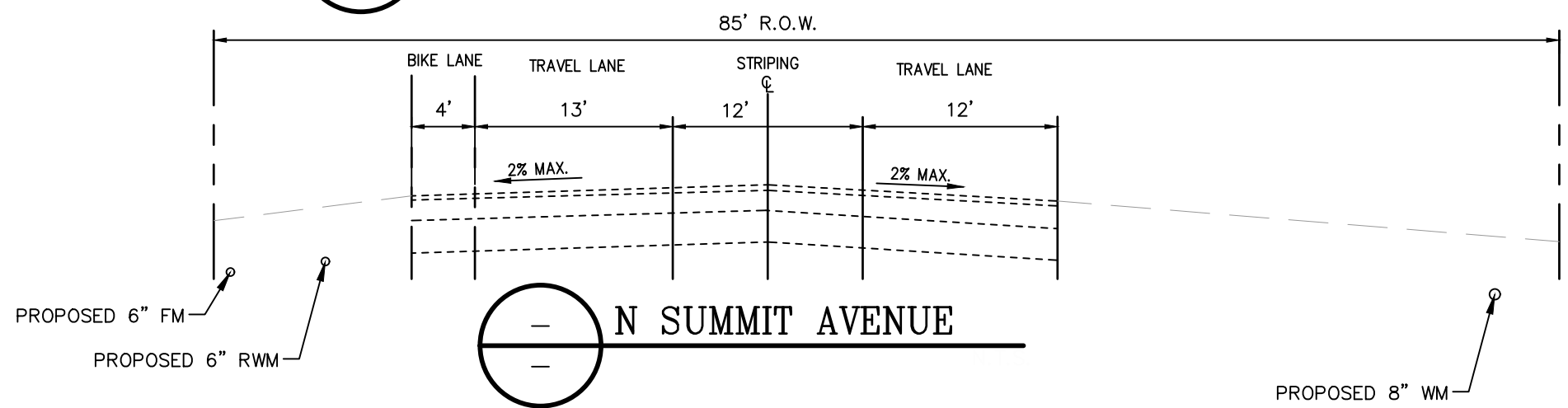
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TYPICAL 50' RIGHT OF WAY SECTION
C102



D
TYPICAL 50' RIGHT OF WAY SECTION
C103



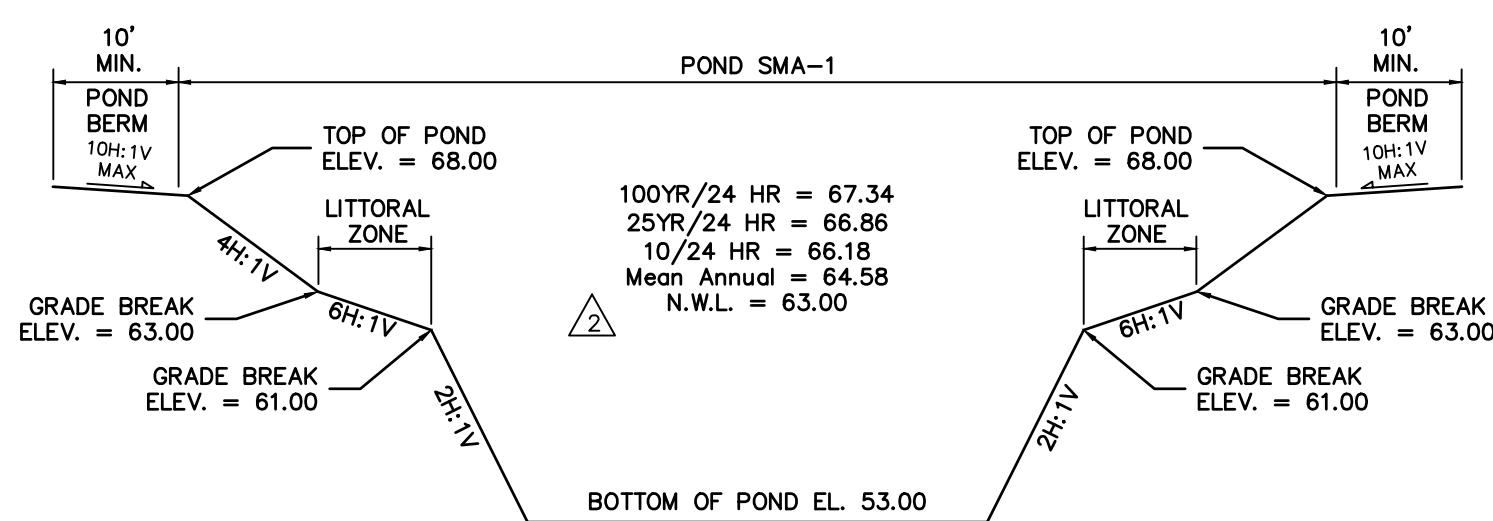
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TYPICAL 50' RIGHT OF WAY SECTION
C103



ROADWAY PAVEMENT SECTIONS (PER GEOTECHNICAL REPORT)

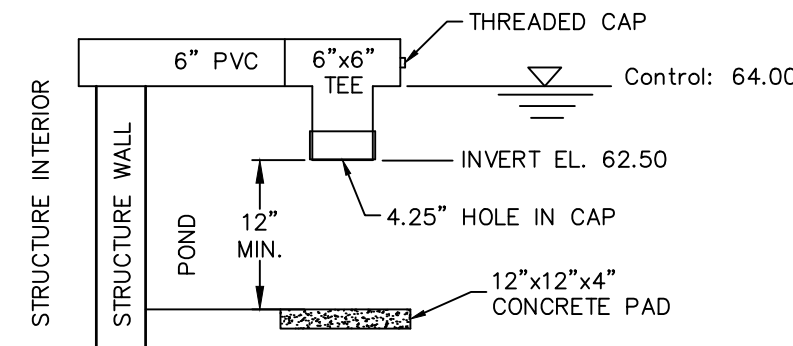
1. 2.0" FDOT SP-9.5 ASPHALT (NO MORE THAN 35% RECYCLED ASPHALT PAVEMENT)
2. 6" CRUSHED CONCRETE SOURCED FROM AN FDOT APPROVED SUPPLIER. THE BASE SHOULD BE COMPACTED TO A MINIMUM DENSITY OF 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AND EXHIBIT A MINIMUM LBR OF 130. THE BASE MATERIAL SHALL COMPLY WITH THE GRADATION CRITERIA LISTED IN THE LATEST EDITION OF THE FDOT ROAD AND BRIDGE CONSTRUCTION SPECIFICATIONS. LBR AND SIEVE GRADATION TESTS SHOULD BE PERFORMED AT A MINIMUM FREQUENCY OF ONE TEST PER 10,000 SQUARE FEET AND FOR EACH VISUAL CHANGE IN MATERIAL.
3. ALTERNATE:
6" LIMEROCK SOURCED FROM AN FDOT APPROVED SUPPLIER. THE BASE SHOULD BE COMPACTED TO 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DENSITY, AND EXHIBIT A MINIMUM LBR OF 100.
4. 8" CRUSHED CONCRETE SOURCED FROM AN FDOT APPROVED SUPPLIER. THE BASE SHOULD BE COMPACTED TO A MINIMUM DENSITY OF 98 PERCENT OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AND EXHIBIT A MINIMUM LBR OF 130. THE BASE MATERIAL SHALL COMPLY WITH THE GRADATION CRITERIA LISTED IN THE LATEST EDITION OF THE FDOT ROAD AND BRIDGE CONSTRUCTION SPECIFICATIONS. LBR AND SIEVE GRADATION TESTS SHOULD BE PERFORMED AT A MINIMUM FREQUENCY OF ONE TEST PER 10,000 SQUARE FEET AND FOR EACH VISUAL CHANGE IN MATERIAL.
5. 12" OF STABILIZED SUBGRADE WITH A MINIMUM LBR OF 40 AND COMPACTED TO AT LEAST 98% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D-1557 TEST METHOD. COMPACTION TESTING OF STABILIZED SUBGRADE SHOULD BE PERFORMED TO FULL DEPTH AT A FREQUENCY OF AT LEAST ONE TEST PER 10,000 SQUARE FEET, OR A MINIMUM OF 4 TESTS, WHICHEVER IS GREATER.

NOTE:
1st ASPHALT LIFT TO BE COMPLETED AT THE FINAL INSPECTION OF THE ROADWAY INFRASTRUCTURE AND 2nd LIFT TO BE COMPLETED WHEN 95% OF THE SUBDIVISION HOMES ARE BUILT OR AS DETERMINED BY THE CITY ENGINEER OR DESIGNEE.

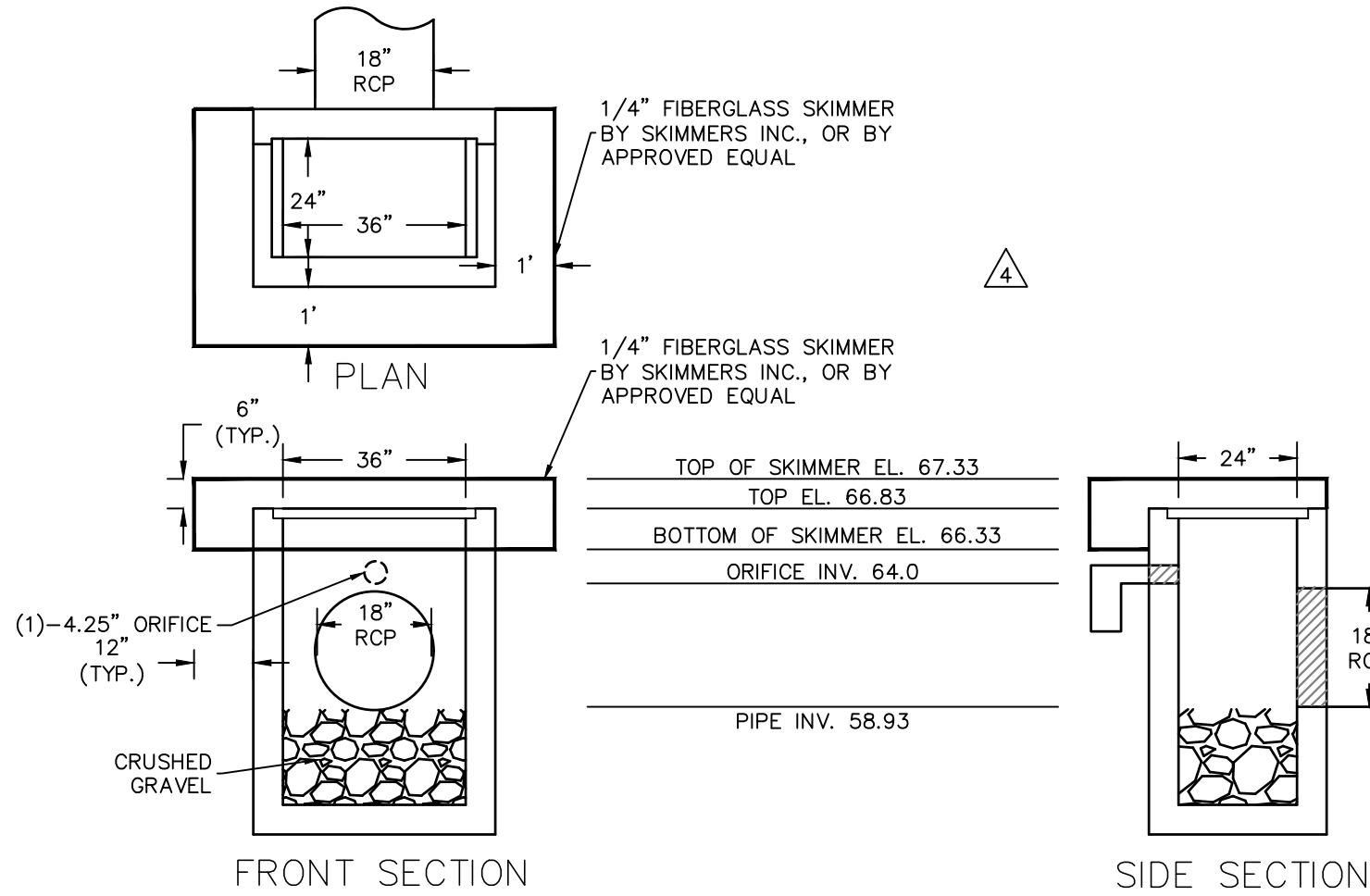


NOTE: POND BERMS AND SIDE SLOPES TO BE SODDED TO 2' BELOW THE NORMAL WATER LEVEL

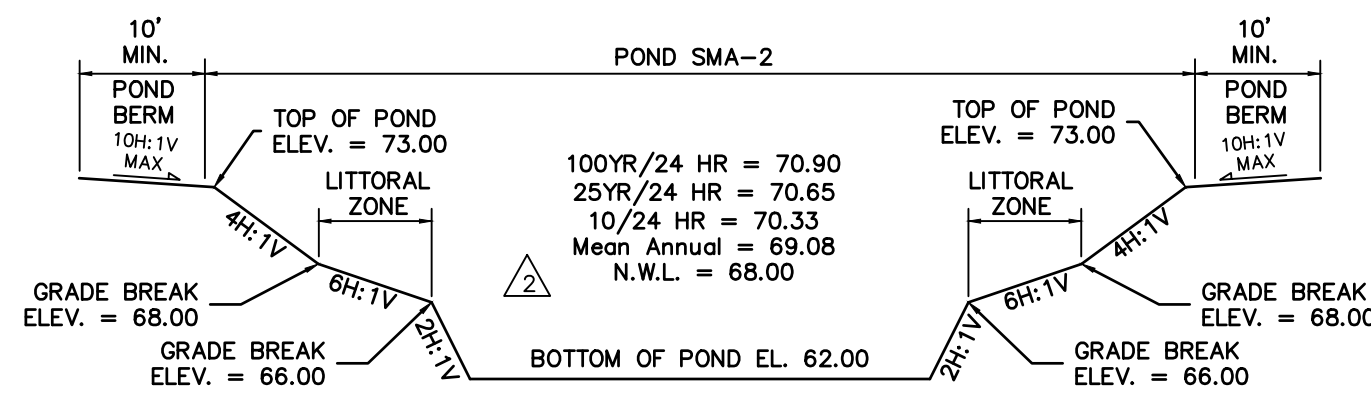
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POND SMA-1 SECTION
C101 N.T.S.



PVC1
ORIFICE DETAIL (POND SMA-1)

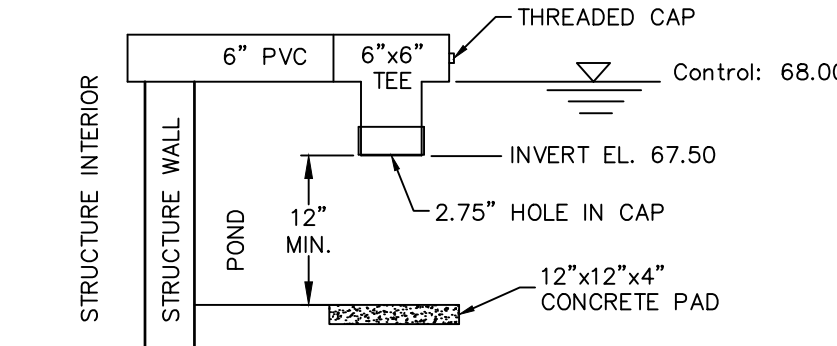


CS-01
FDOT MODIFIED TYPE "C" INLET
N.T.S.

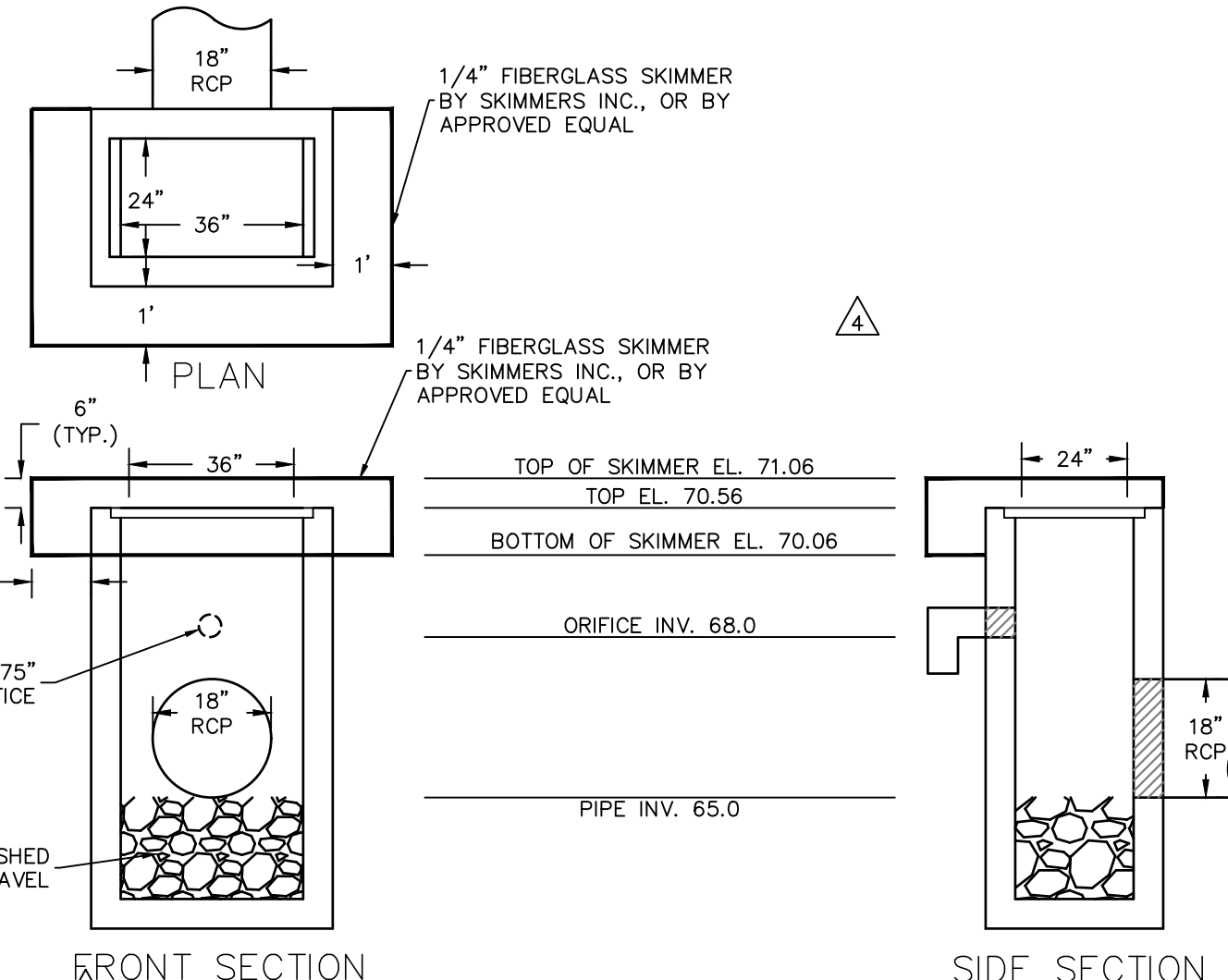


NOTE: POND BERMS AND SIDE SLOPES TO BE SODDED TO 2' BELOW THE NORMAL WATER LEVEL

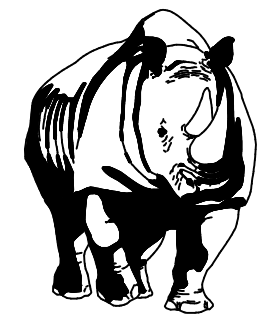
SMA2
POND SMA-2 SECTION
C101 N.T.S.



PVC2
ORIFICE DETAIL (POND SMA-2)



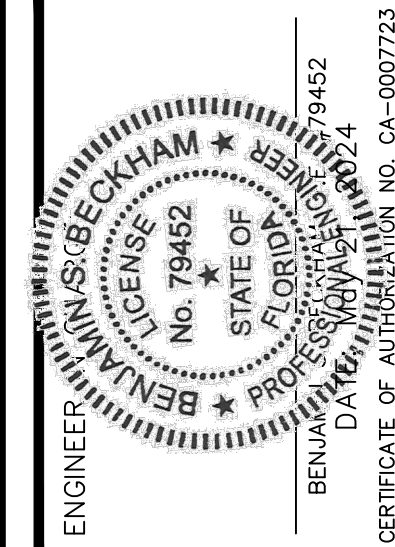
CS-02
FDOT MODIFIED TYPE "C" INLET
N.T.S.



MADDEN
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CONSTRUCTION DETAILS
FOR
SUMMIT PLACE
CITY OF BELAND
FLORIDA

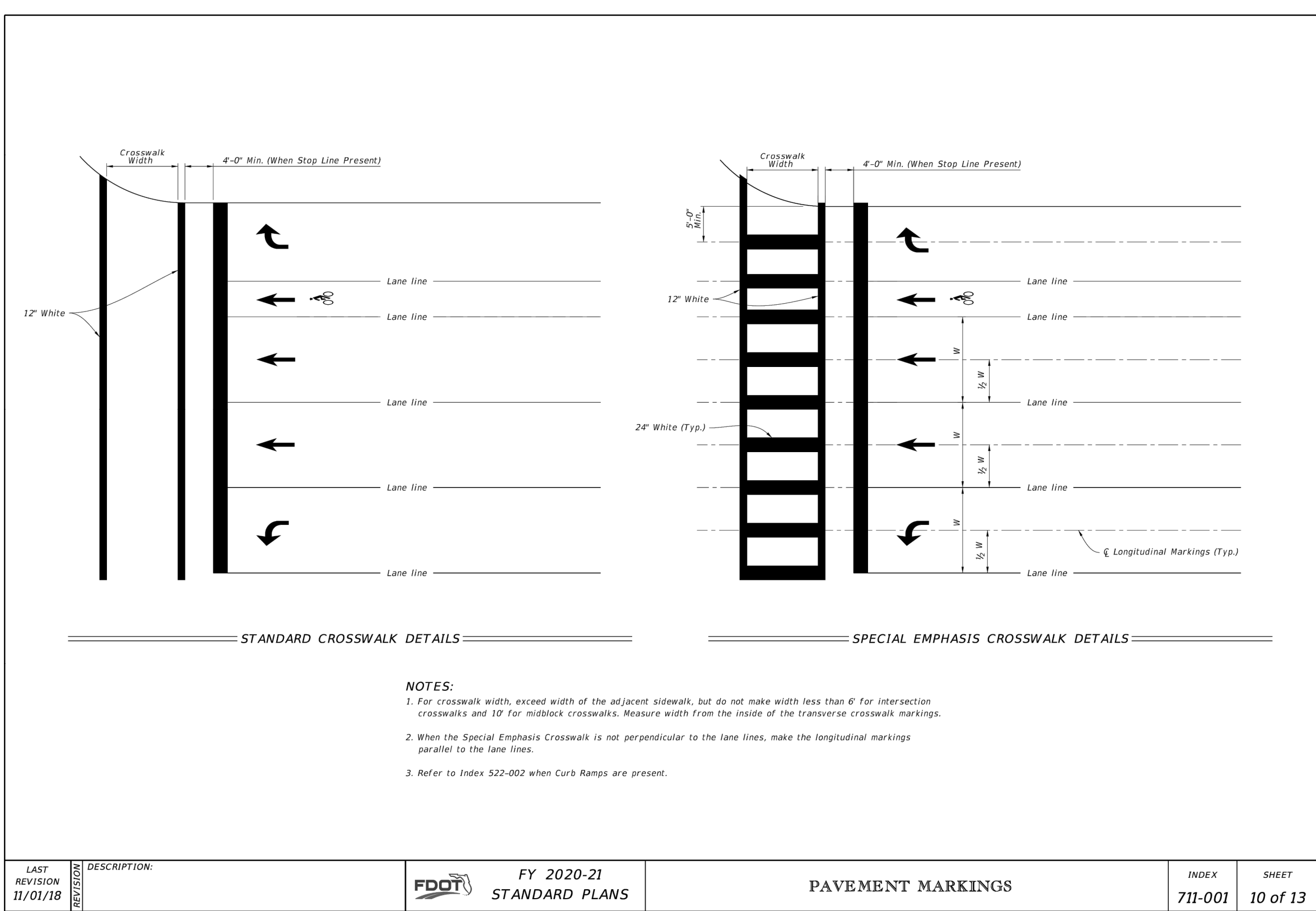
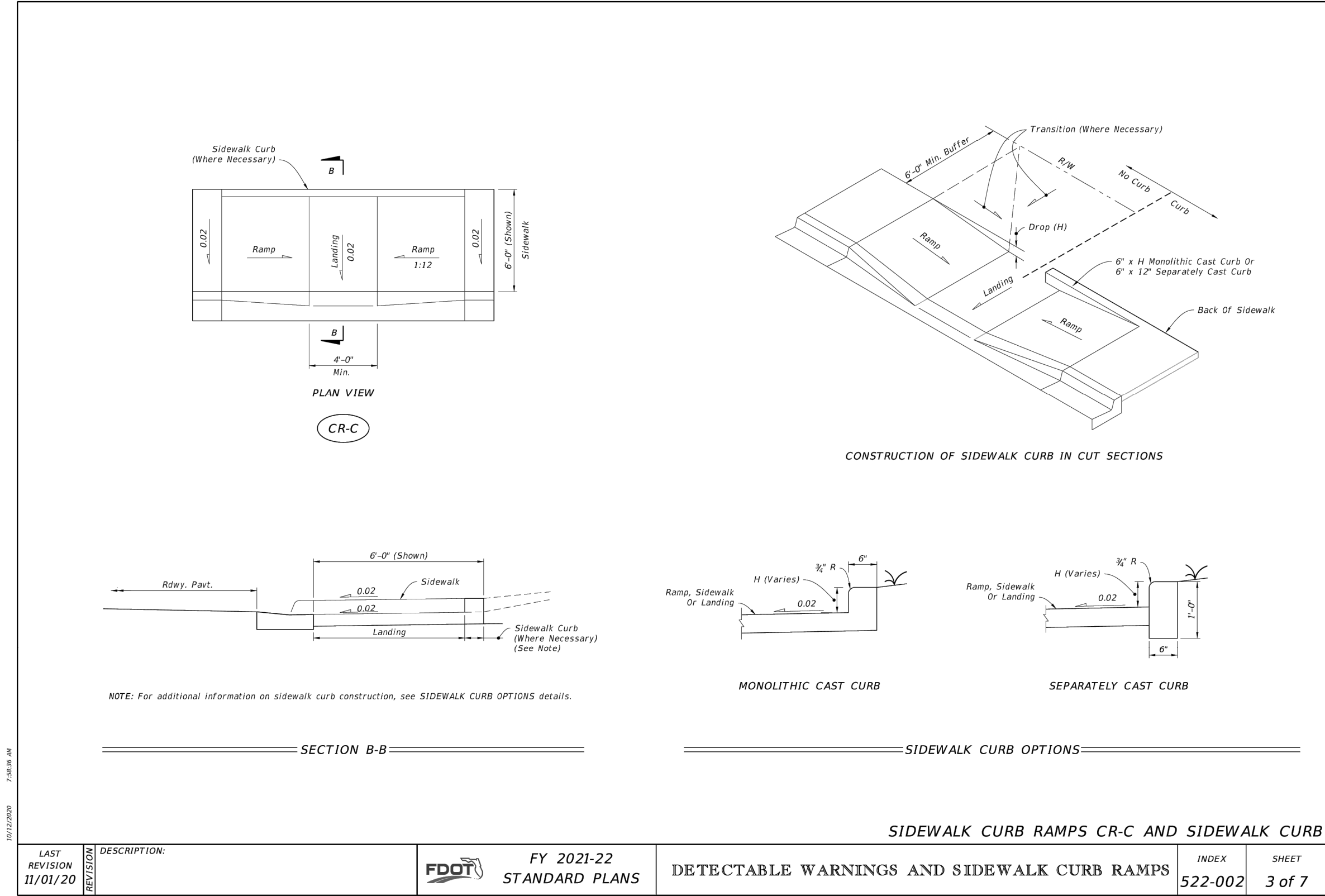
DR HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200



REV.	DATE	REVISIONS
1	3/16/23	REV. PER CITY OF BELAND COMMENTS DATED 3/9/23
2	10/02/23	REVISED PER SHAWMUT COMMENTS
3	04/23/24	REV. PER CITY OF BELAND COMMENTS
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10		
11		

JOB # **21886**
DATE: **02/20/23**
SCALE: **N/A**
DESIGNED BY: **JTT**
DRAWN BY: **JTT**
APPROVED BY: **BSS**

C903



MADDEN
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CONSTRUCTION DETAILS
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

DR. HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

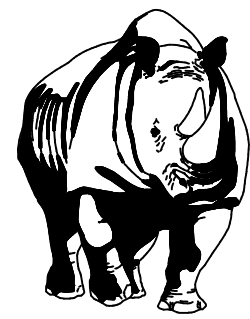
ENGINEER BENJAMIN S. BUCKHAM
LICENSE No. 79452
STATE OF FLORIDA
DATE OF EXPIRATION 02/24/2024
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

REV.	DATE	REVISIONS
1	3/16/23	REV. PER CITY OF DELAND COMMENTS DATED 3/9/23
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JOB # 21886
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C904

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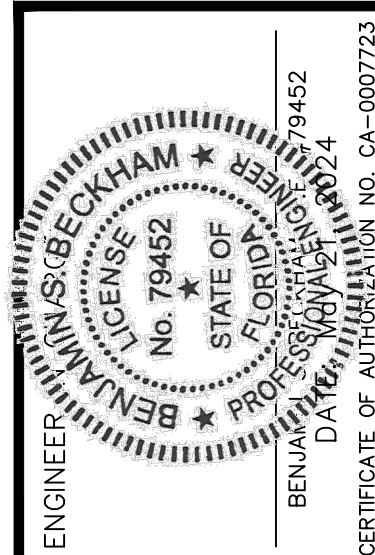


MADDEN
CIVIL ENGINEERS

431 E. Horatio Avenue
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Maitland, Florida 32751
(407) 629-8330

CITY DETAILS
FOR
SUMMIT PLACE
CITY OF DELAND

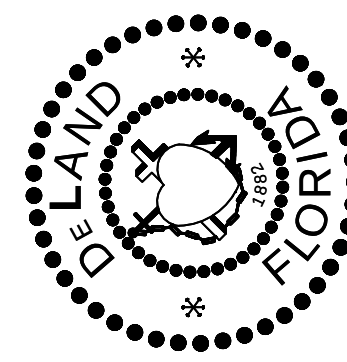
DR. HORTON
10192 DOWNEY ROAD
ORLANDO, FL 32832
(407) 850-5200



DATE	REVISIONS
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JTT	DESIGNED BY:
JTT	DRAWN BY:
BSB	APPROVED BY:

JOB # 21896
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C910



CITY OF DELAND, FLORIDA
1102 S. GARFIELD AVENUE, DELAND, FLORIDA 32724

DATE: 11/07/2022
CHECKED BY: NAME

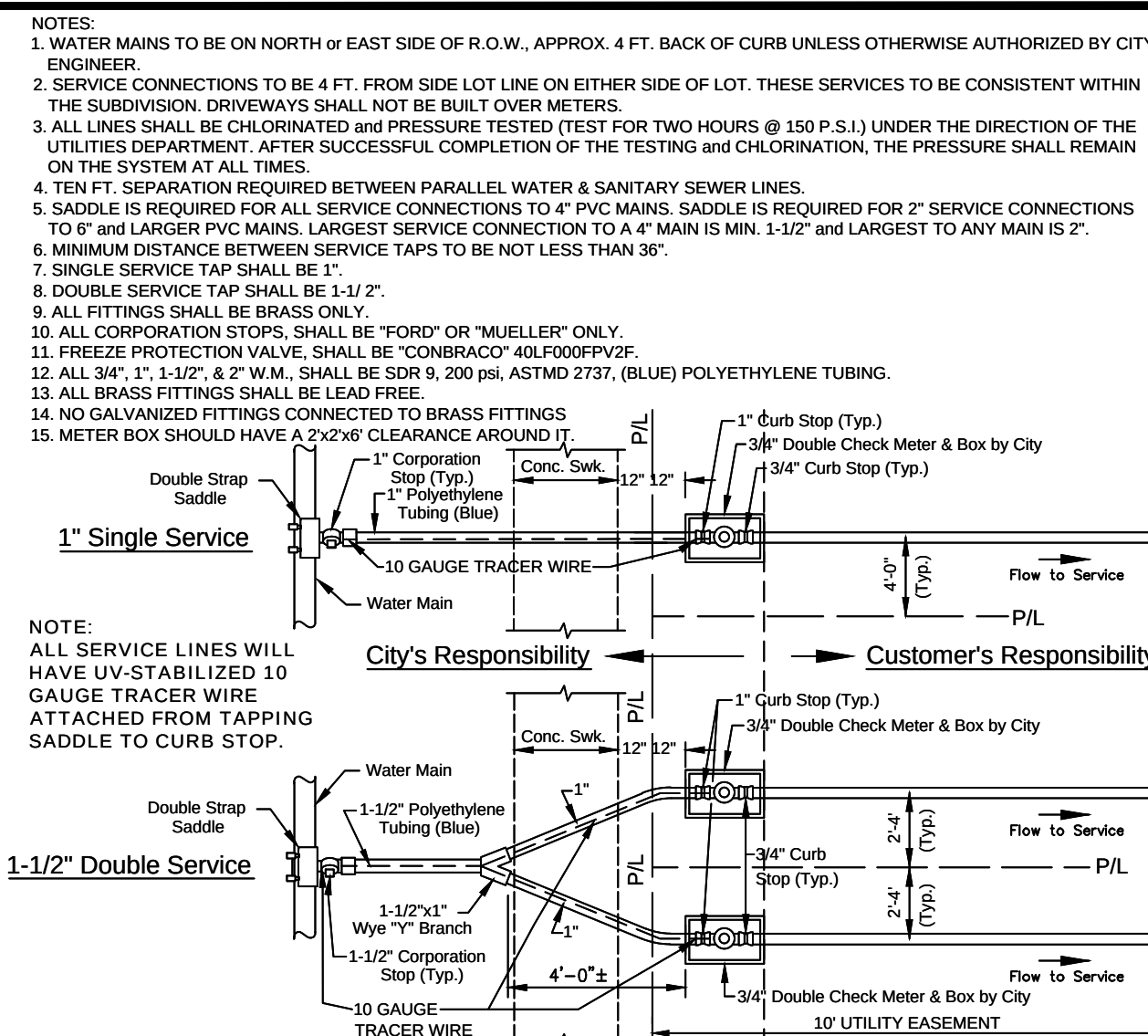
NOT TO SCALE
ERIC SAMPSON

drive letter/details locations

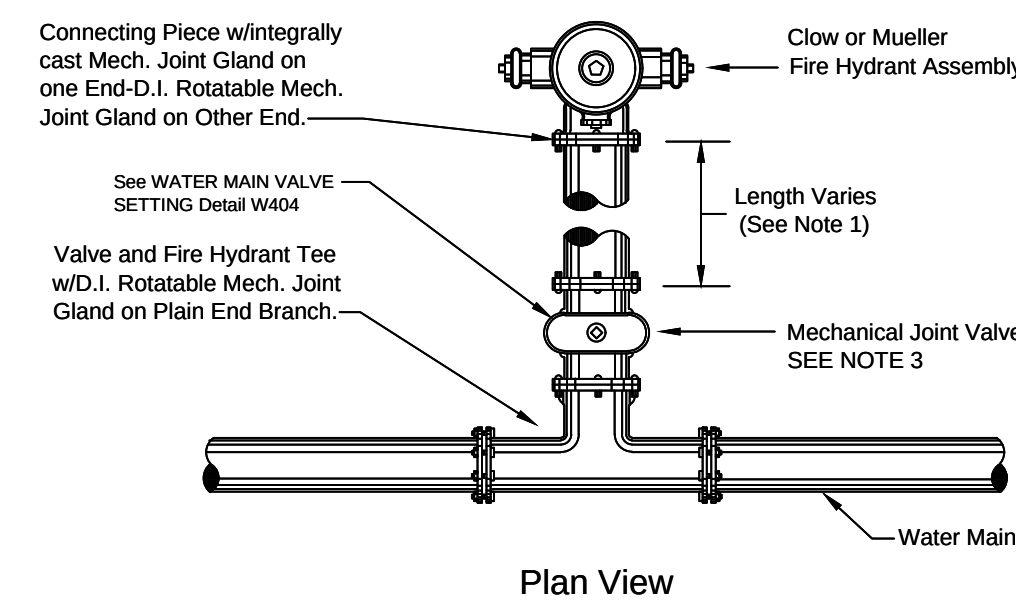
FILE:

TITLE:

WATER SYSTEM DETAILS (Sheet 1)

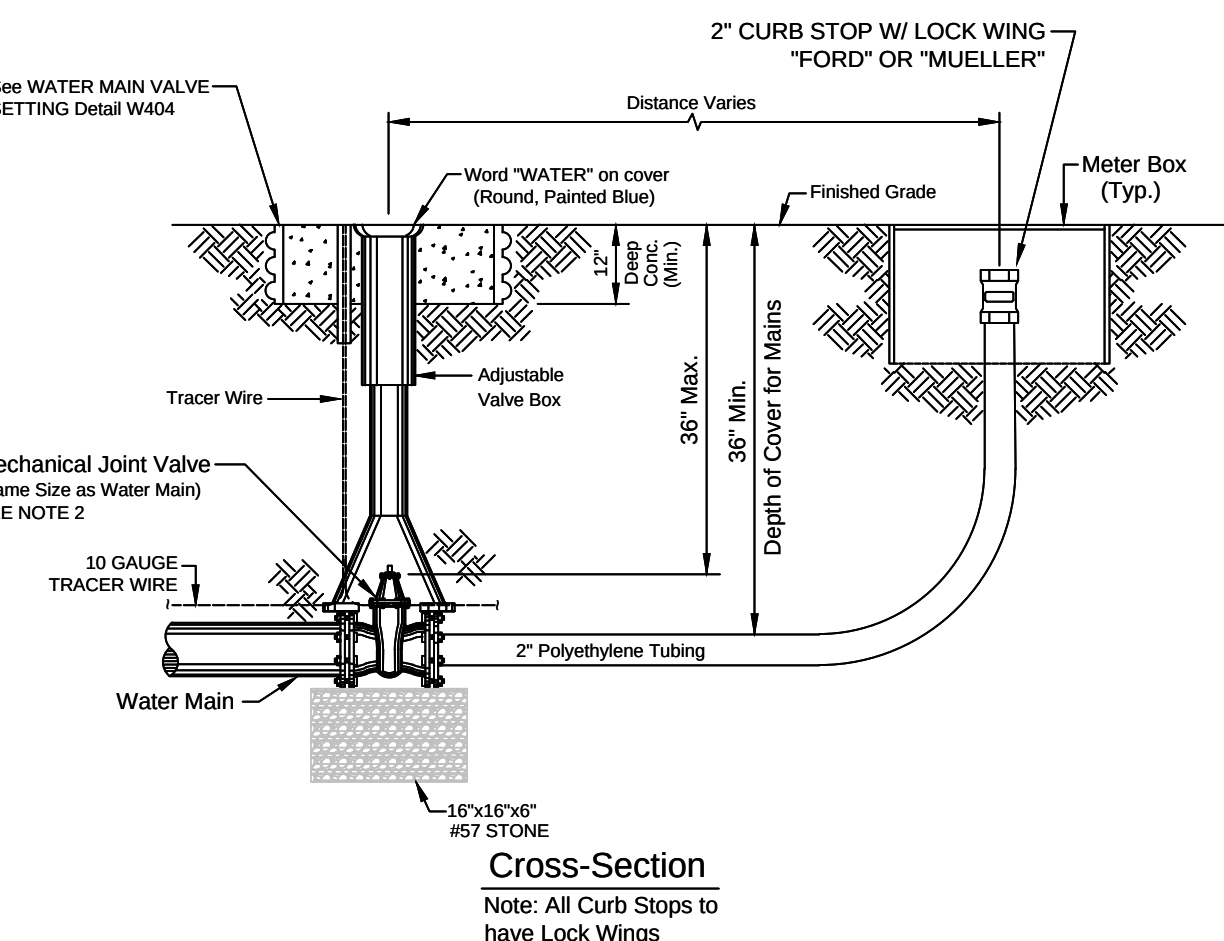


DATE: 11/07/2022 WATER MAIN SERVICE CONN. WITH SIDEWALK (DBL. CHECK METER) W402A
City of DeLand - Standard Details



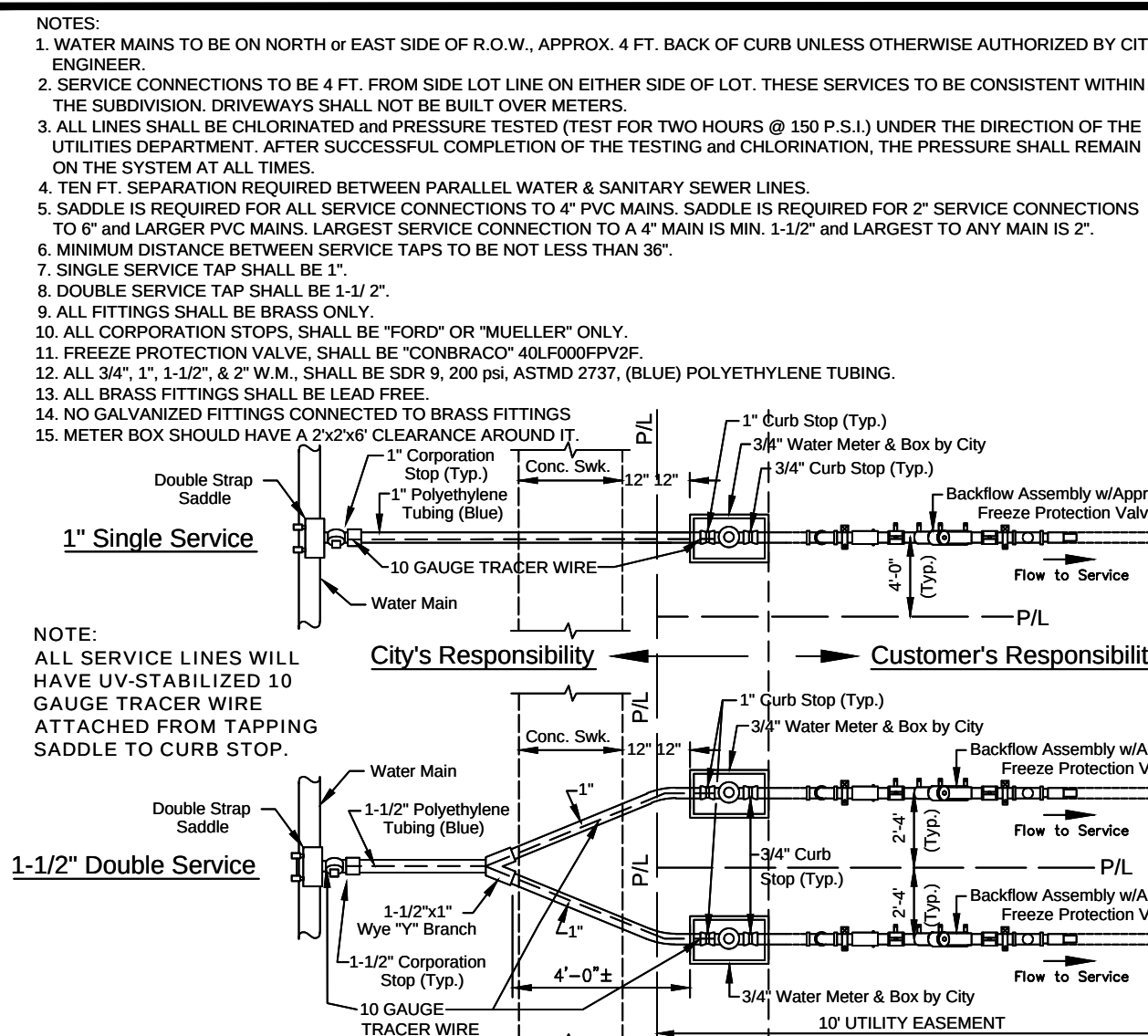
- NOTES:
1. On Fire Hydrants Requiring Runout Last Two Joints Must Be Restrained Per Detail W409.
 2. Fire Hydrants Should Have a 2'x2'x6" Clearance Around It.
 3. Mechanical Joint Valve shall be manufactured by Clow, Mueller, Kennedy, or American Flow Control.
- ONLY APPROVED CITY FIRE HYDRANTS
- Mueller Super Centurion 200
 - Clow Medallion
- See W405 for Cross Section

DATE: 11/07/2022 FIRE HYDRANT SETTING PLAN W406
City of DeLand - Standard Details

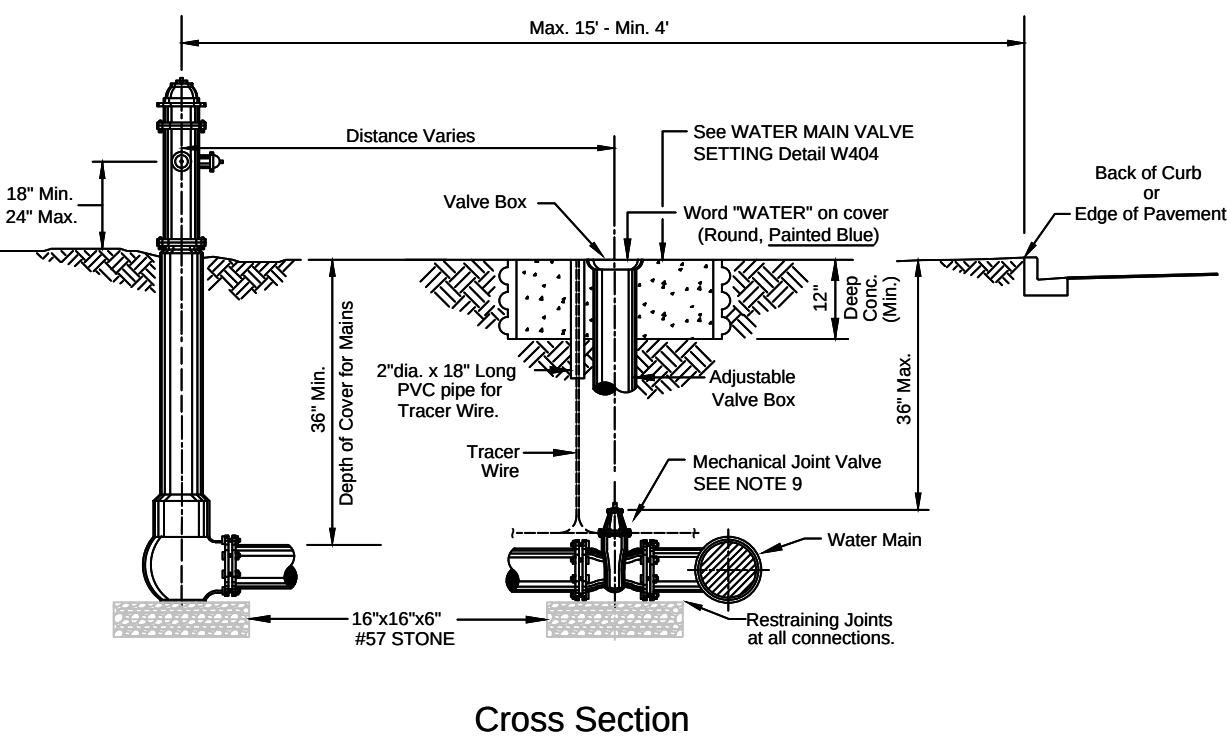


- NOTES:
1. All tracer wire shall be UV-stabilized 10 gauge. Directional bores require to have two 10 gauge wires that are pulled with directional drill. Open cut may use only one 10 gauge wire.
 2. Mechanical Joint Valve shall be manufactured by Clow, Mueller, Kennedy, or American Flow Control.

DATE: 11/07/2022 WATER MAIN BLOWOFF DETAIL W410
City of DeLand - Standard Details

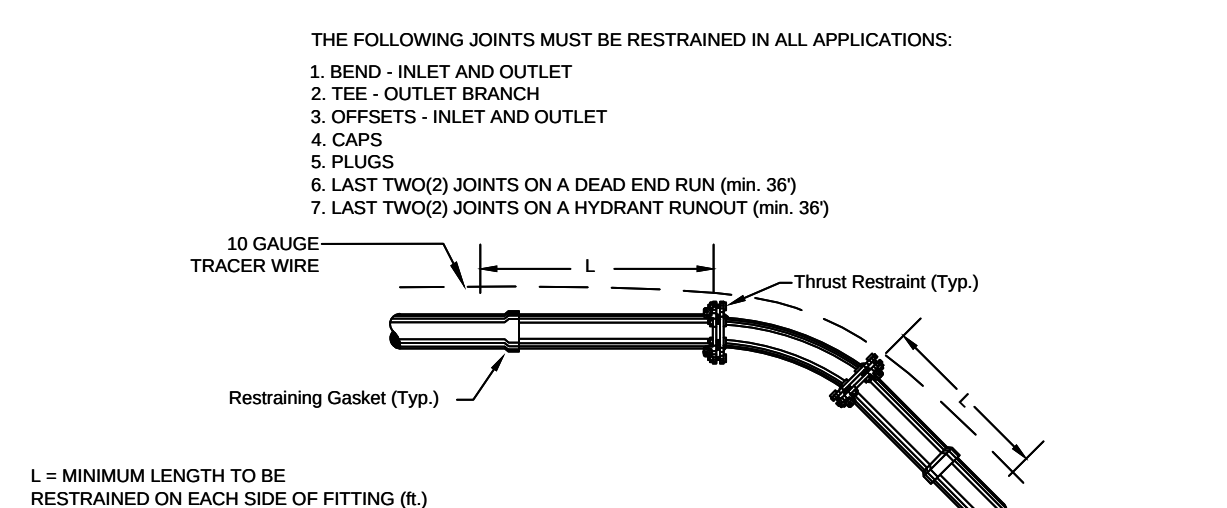


DATE: 11/07/2022 WATER MAIN SERVICE CONNECTION WITH SIDEWALK (BACKFLOW) W402
City of DeLand - Standard Details



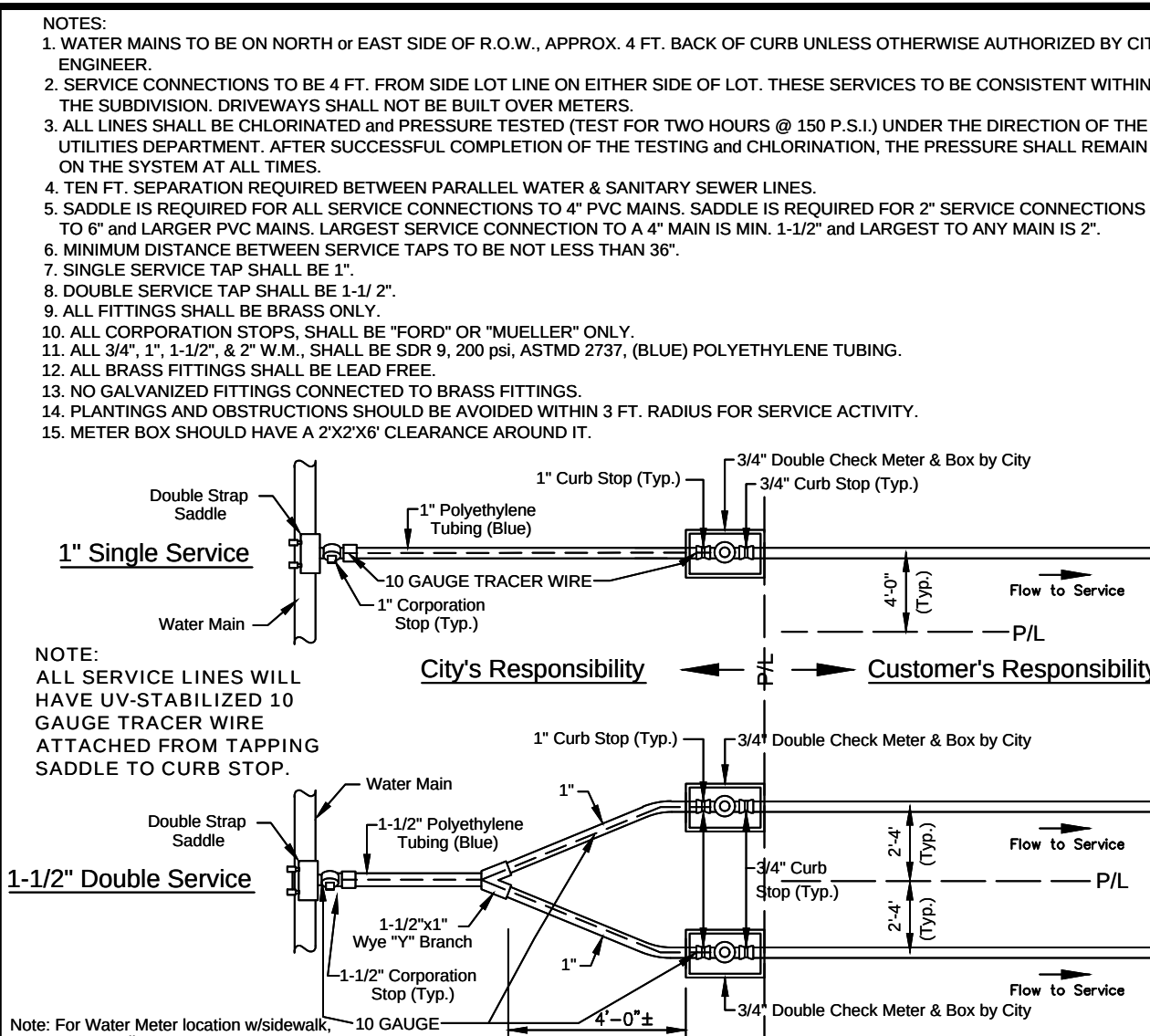
- NOTES:
1. Steamer Connection to Face Street.
 2. All Fire Hydrants to have 5 1/4" Valve Seat.
 3. Fire Hydrants Shall be Placed at Street Corners or in the R.O.W. Adjacent to Side Lot Lines Whenever Possible.
 4. See Detail W405 for Typical Connections & Fittings.
 5. Fire Hydrants Shall be Painted City Safety Yellow w/Red Stripes.
 6. Remove Chains from Cap.
 7. Min. 3 ft. Clearance Should be Maintained Around Fire Hydrant for Emergency Operation Purpose.
 8. All tracer wire shall be UV-stabilized 10 gauge. Directional bores require to have two 10 gauge wires that are pulled with directional drill. Open cut may use only one 10 gauge wire.
 9. Mechanical Joint Valve shall be manufactured by Clow, Mueller, Kennedy, or American Flow Control.
- ONLY APPROVED CITY FIRE HYDRANTS
- Mueller Super Centurion 200
 - Clow Medallion
- See W406 for Plan View

DATE: 11/07/2022 FIRE HYDRANT SETTING SECTION W405
City of DeLand - Standard Details

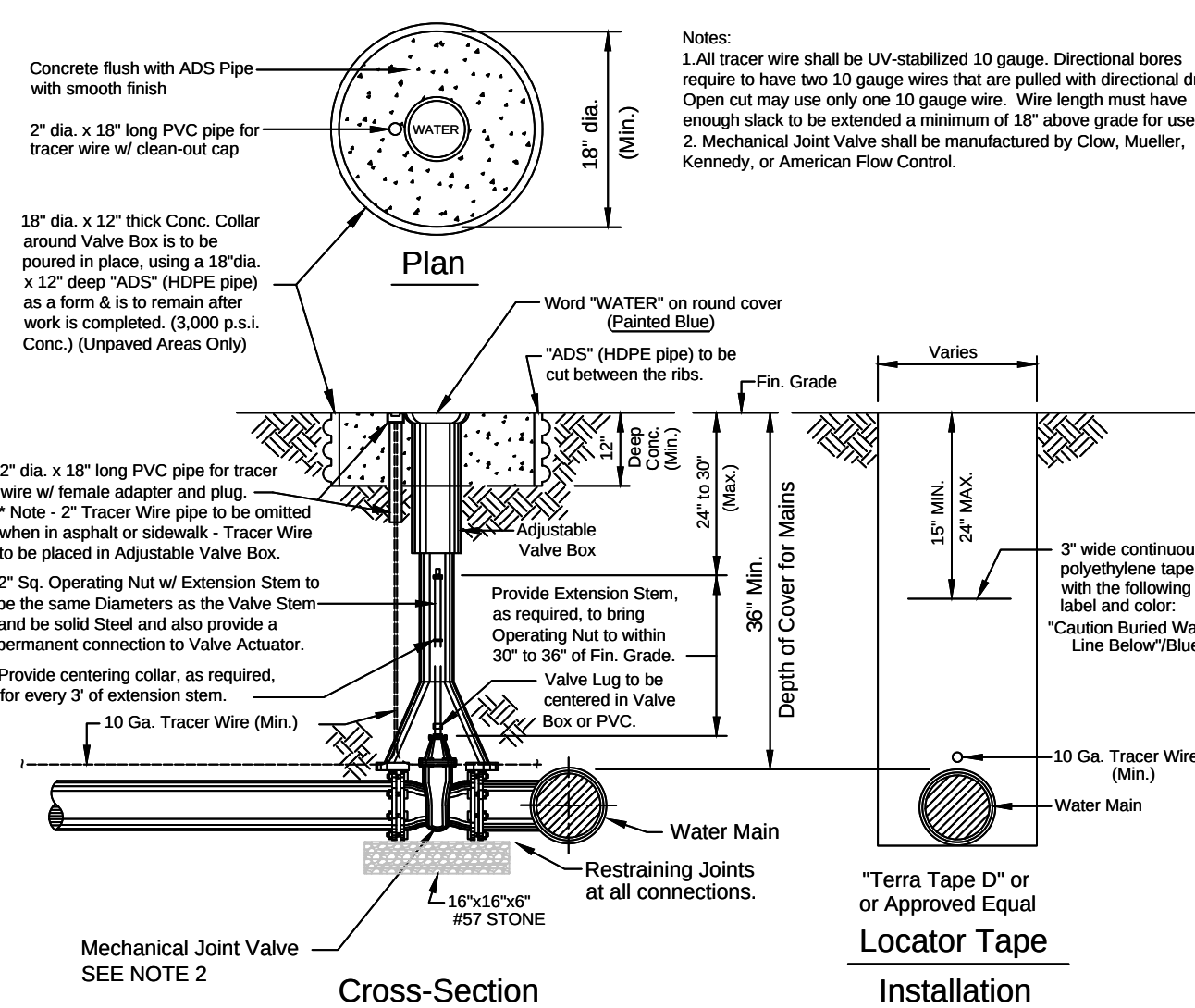


NOM. PIPE SIZE	ELBOWS (deg.)	VALVE TEES
11.25	22.50	45
12	22.50	45
14	22.50	45
16	22.50	45
18	22.50	45
20	22.50	45
24	22.50	45

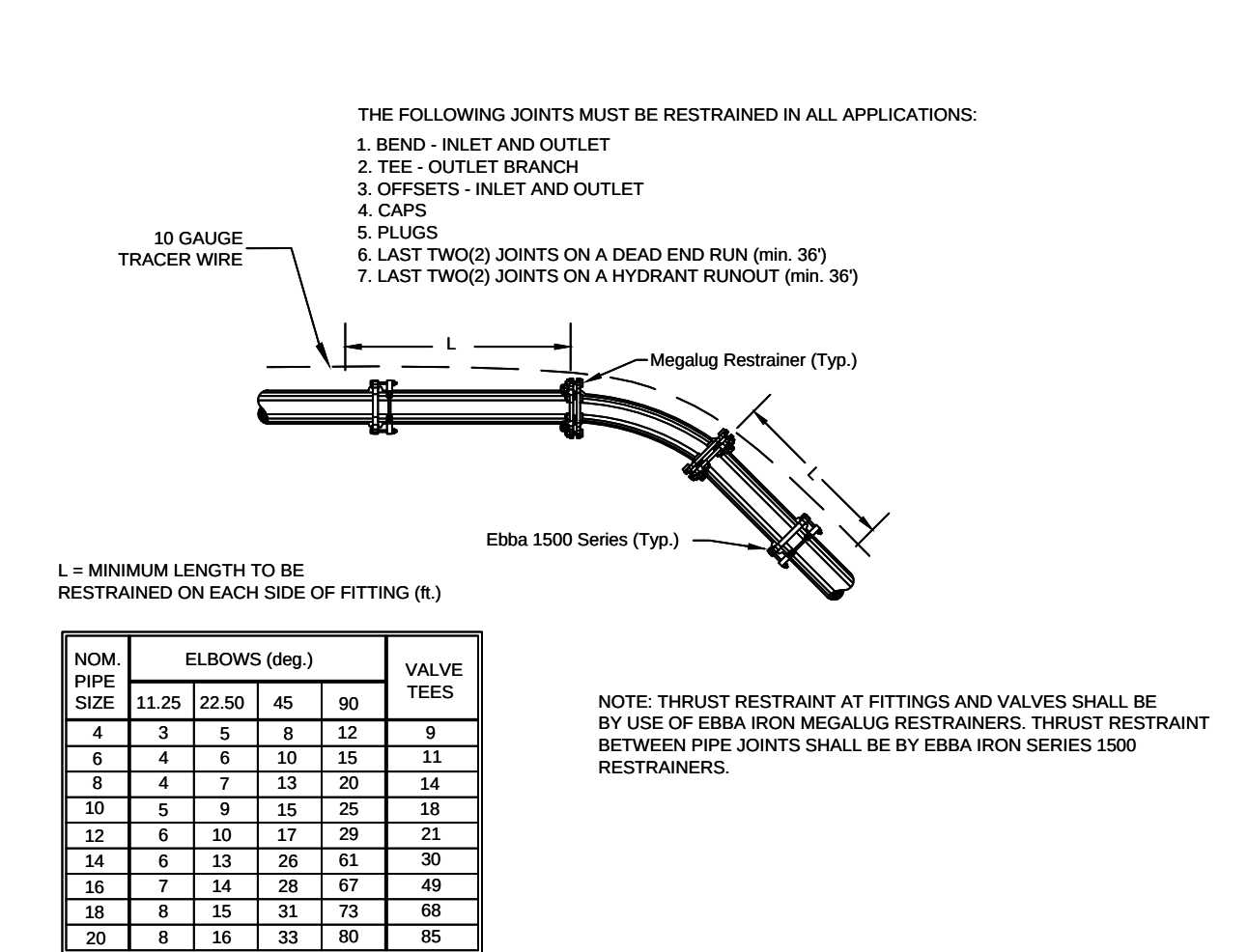
DATE: 11/07/2022 THRUST RESTRAINING DETAIL FOR DUCTILE IRON PIPE W409
City of DeLand - Standard Details



DATE: 11/07/2022 WATER MAIN SERVICE CONNECTION (DOUBLE CHECK METER) W401A
City of DeLand - Standard Details

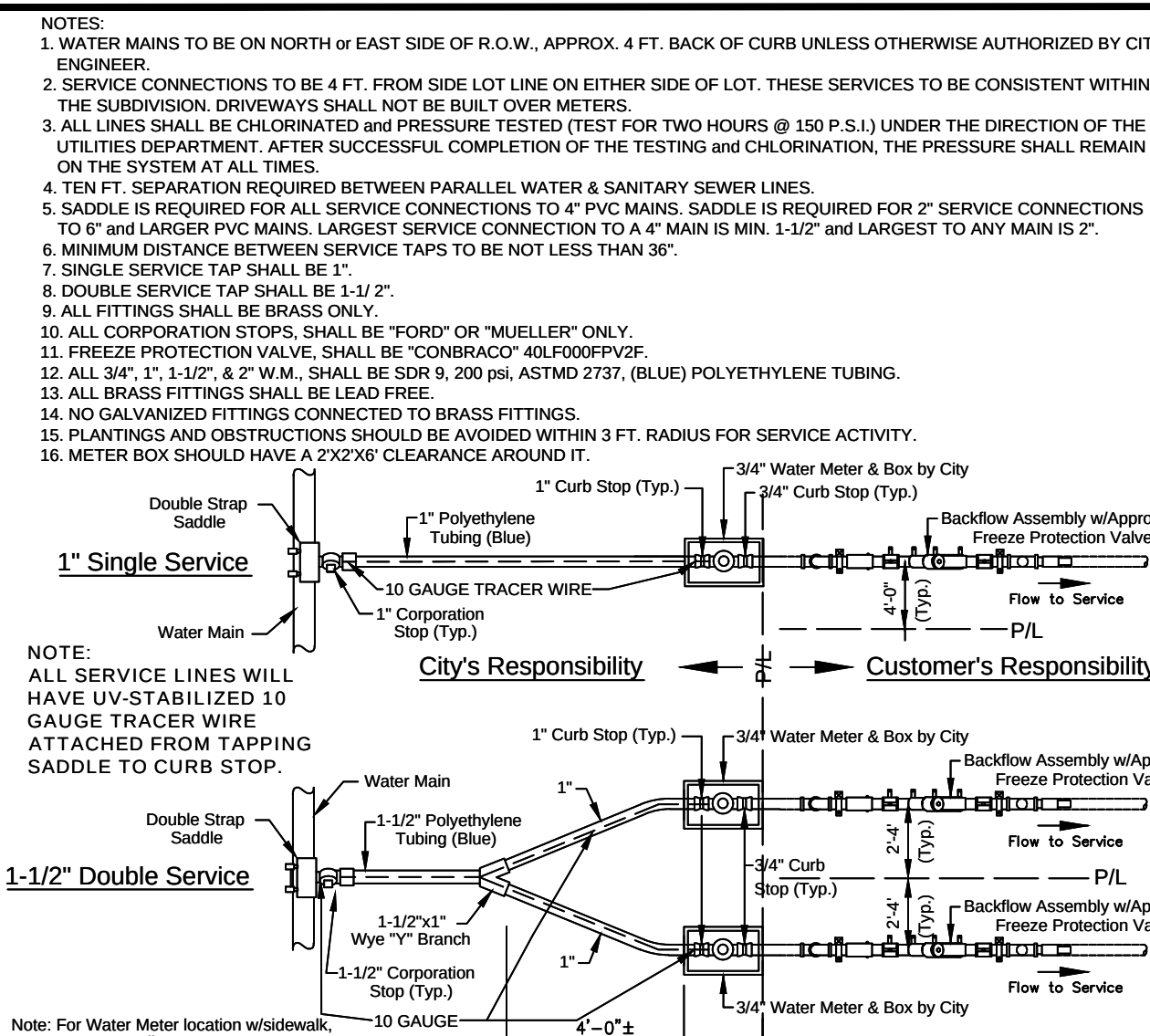


DATE: 11/07/2022 WATER MAIN VALVE SETTING W404
City of DeLand - Standard Details

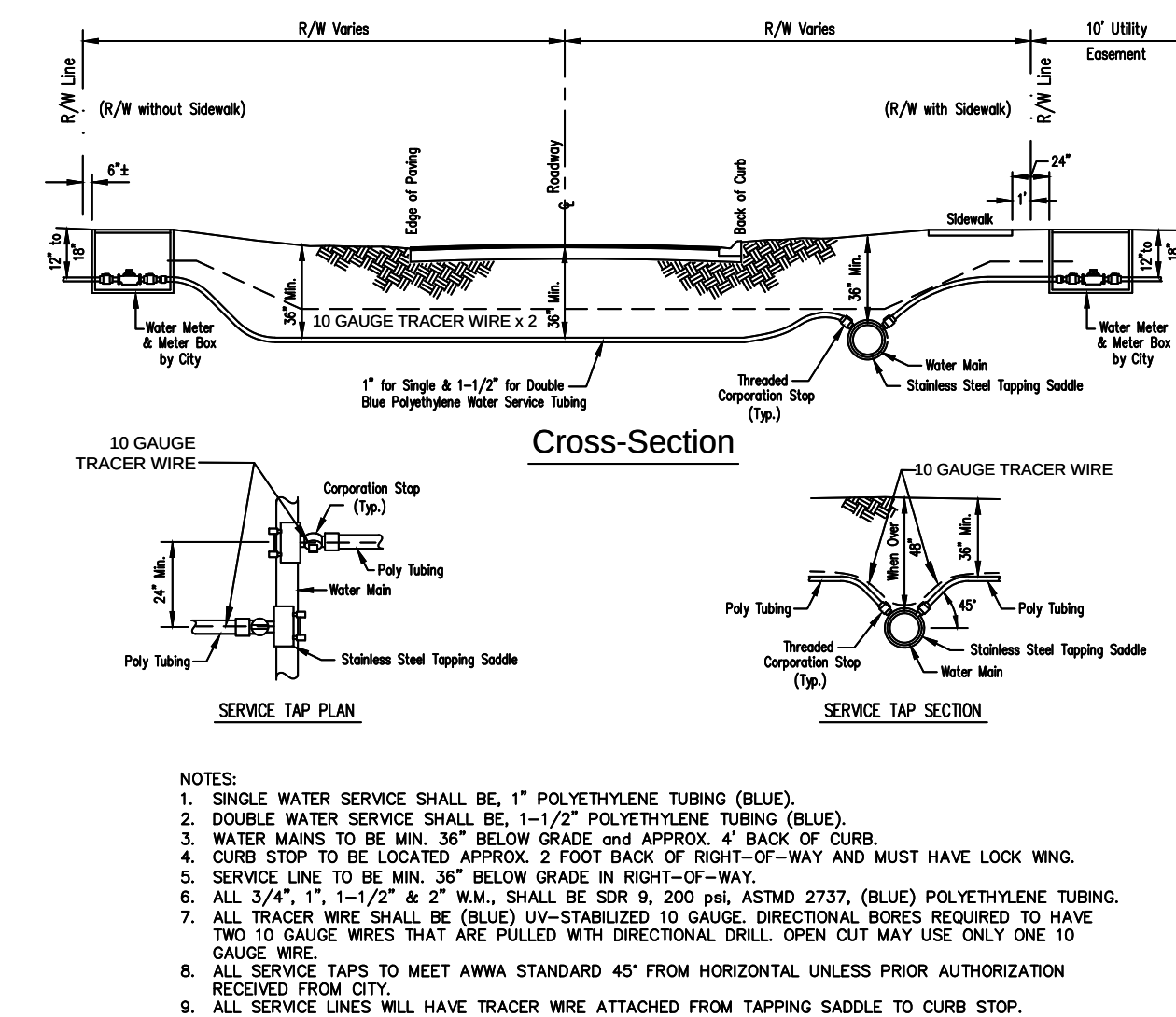


NOM. PIPE SIZE	ELBOWS (deg.)	VALVE TEES
11.25	22.50	45
12	22.50	45
14	22.50	45
16	22.50	45
18	22.50	45
20	22.50	45
24	22.50	45

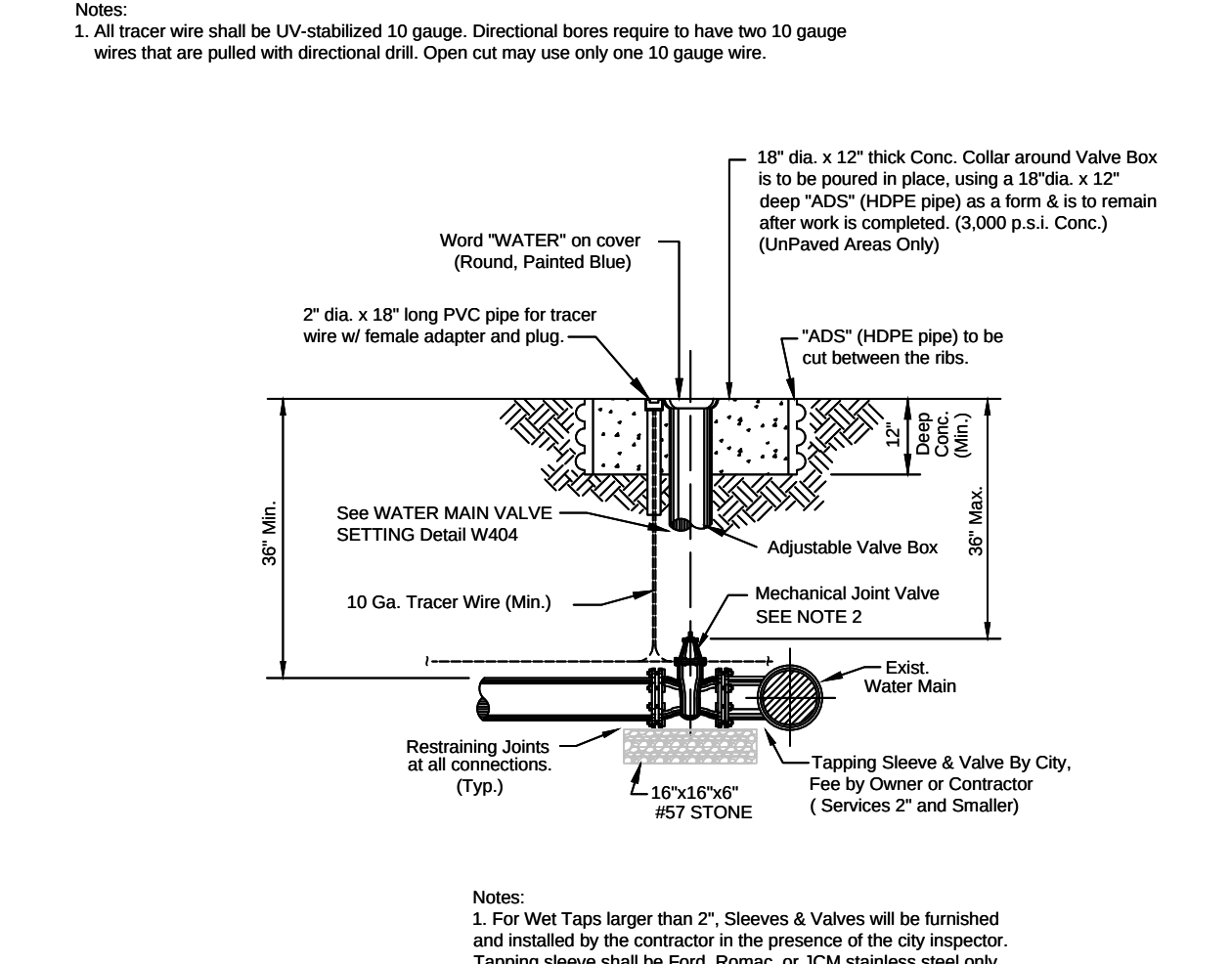
DATE: 11/07/2022 THRUST RESTRAINING DETAIL FOR PVC PIPE W408
City of DeLand - Standard Details



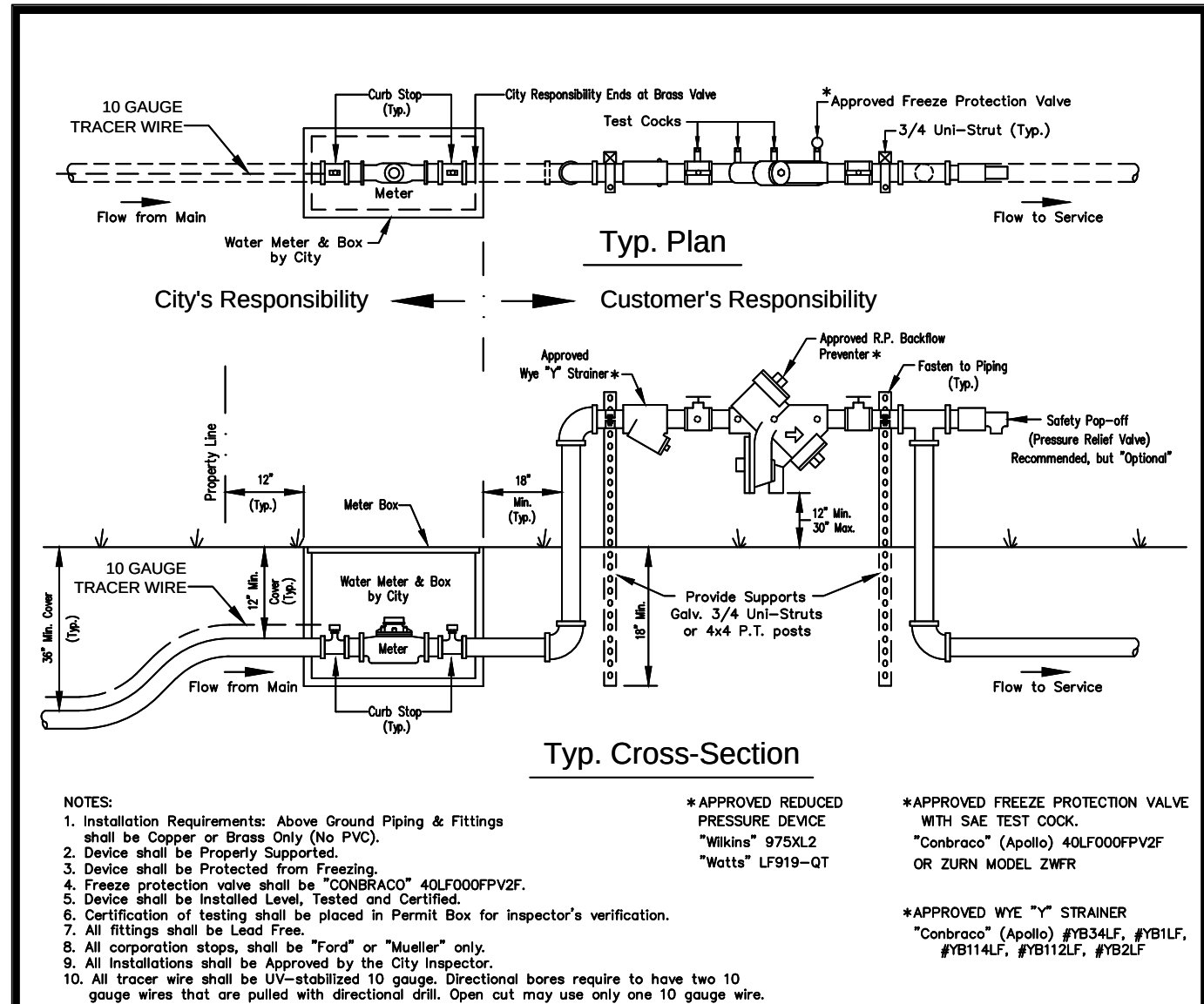
DATE: 11/07/2022 WATER MAIN SERVICE CONNECTION (BACKFLOW) W401
City of DeLand - Standard Details



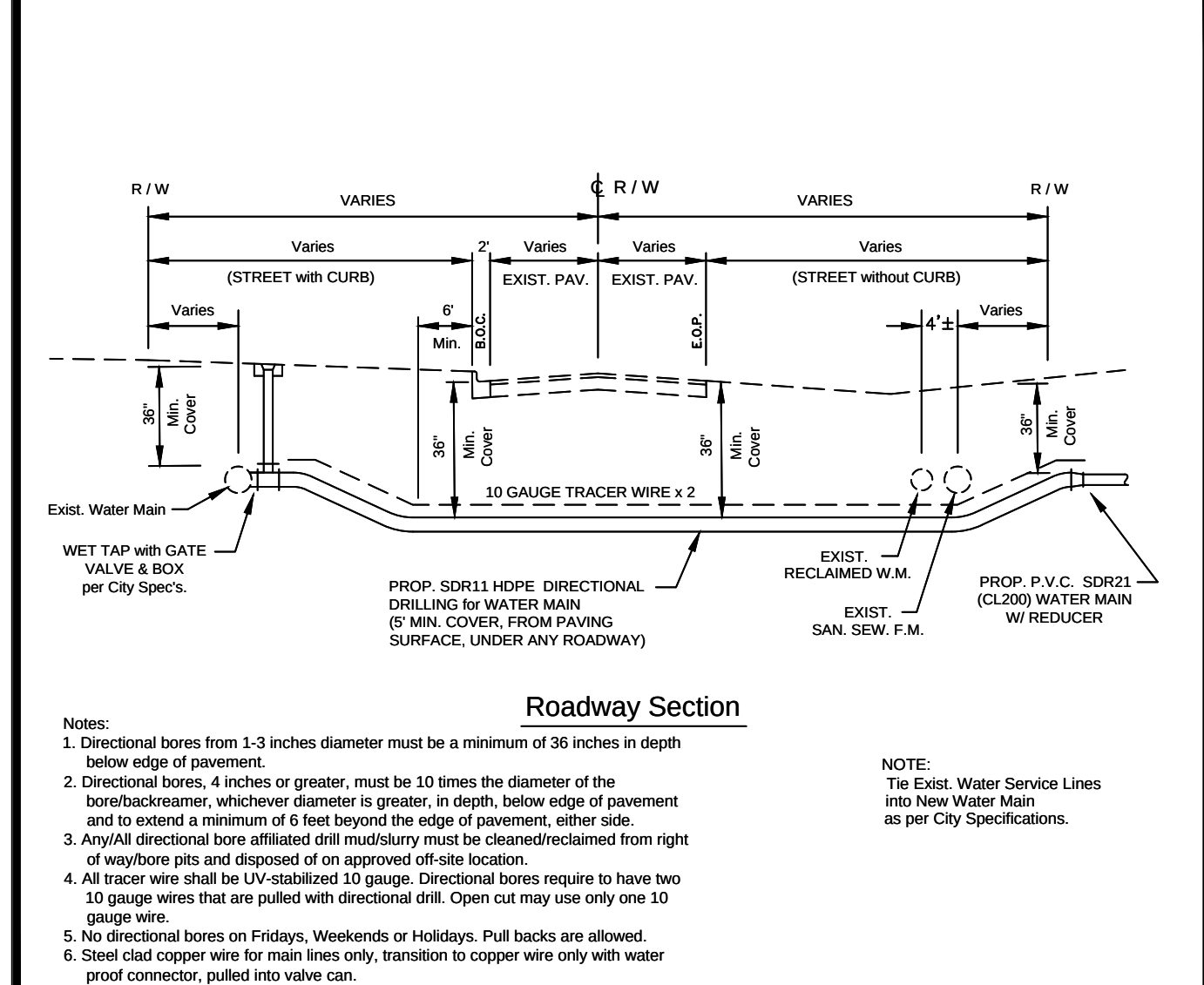
DATE: 11/07/2022 WATER MAIN SERVICE LINES W403
City of DeLand - Standard Details



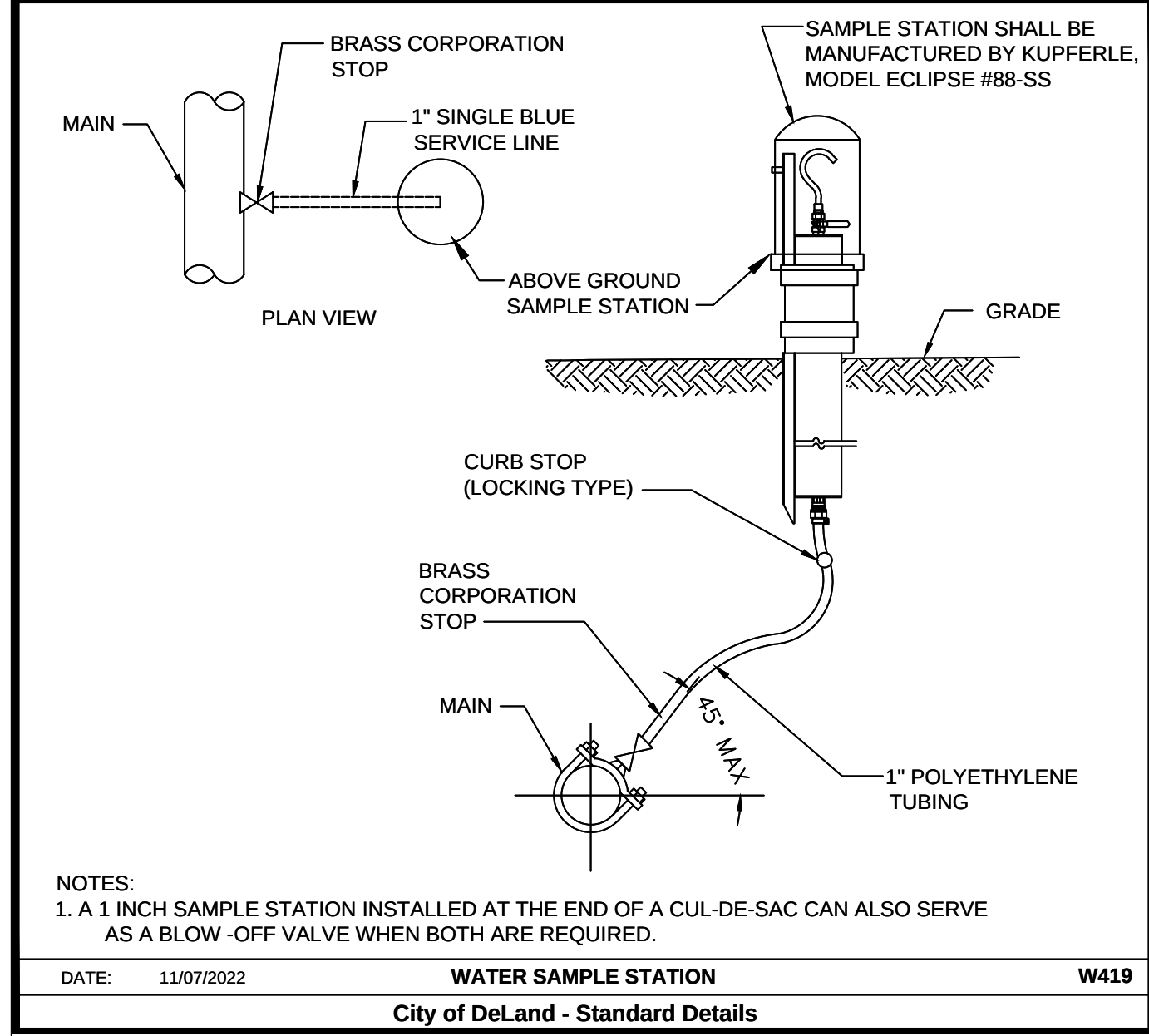
DATE: 11/07/2022 TAPPING SLEEVE & VALVE W407
City of DeLand - Standard Details



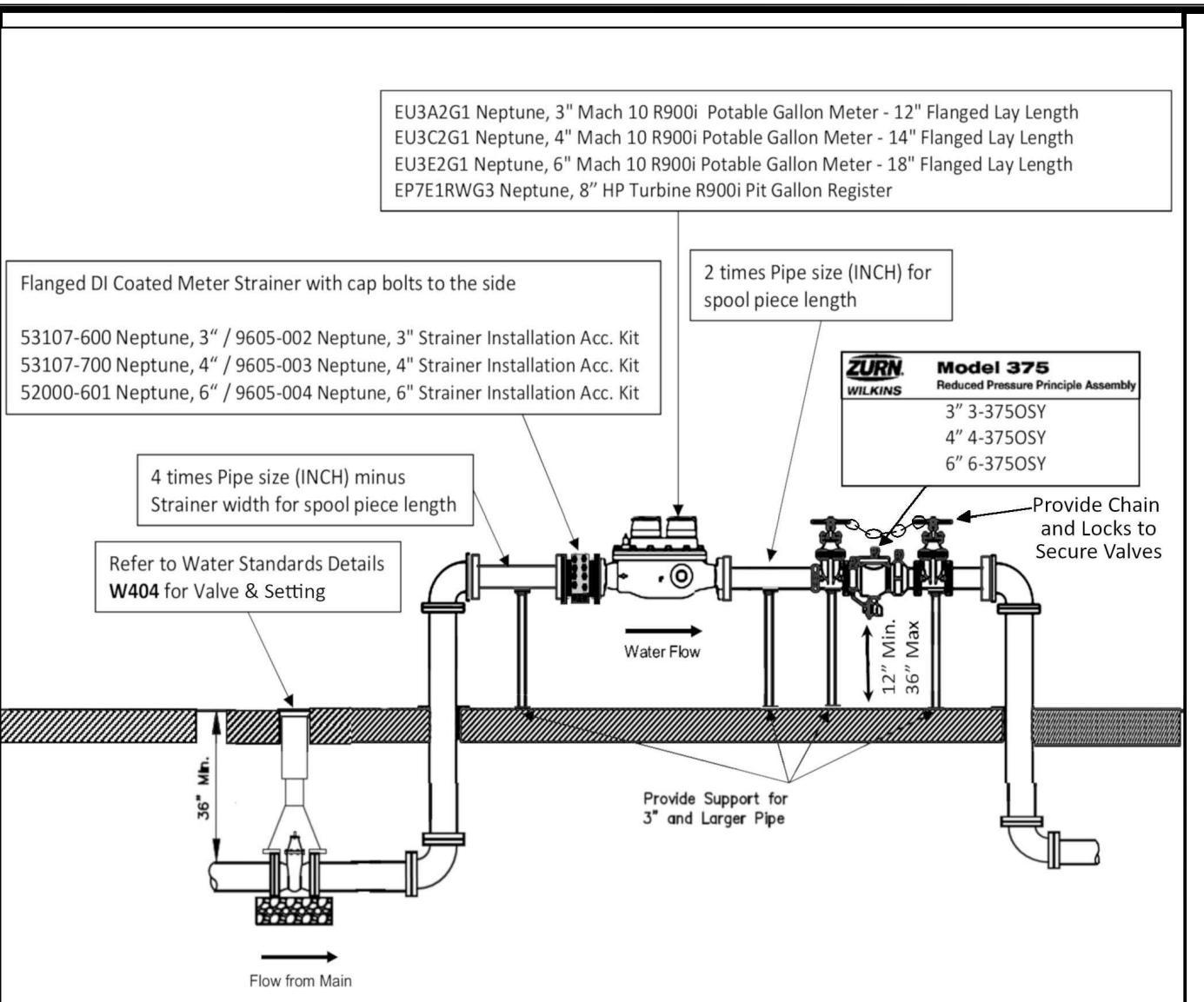
DATE: 11/07/2022 WATER METER & BACKFLOW ASSEMBLY - 1" THRU 2-1/2" MODELS W411
City of DeLand - Standard Details



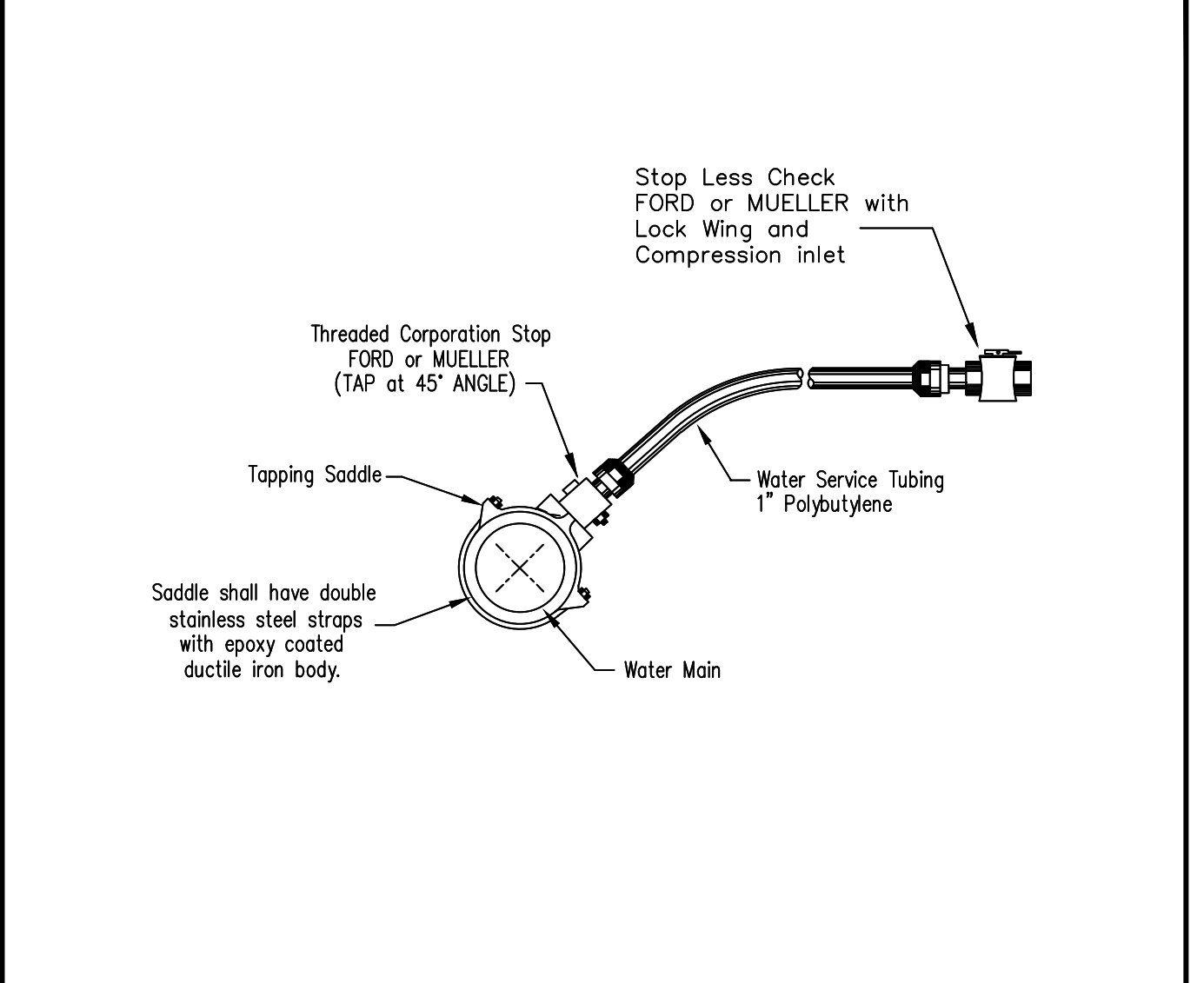
DATE: 11/07/2022 DIRECTIONAL BORE W415
City of DeLand - Standard Details



DATE: 11/07/2022 WATER SAMPLE STATION W419
City of DeLand - Standard Details



DATE: 11/07/2022 3" AND ABOVE POTABLE WATER METER SET W412
City of DeLand - Standard Details

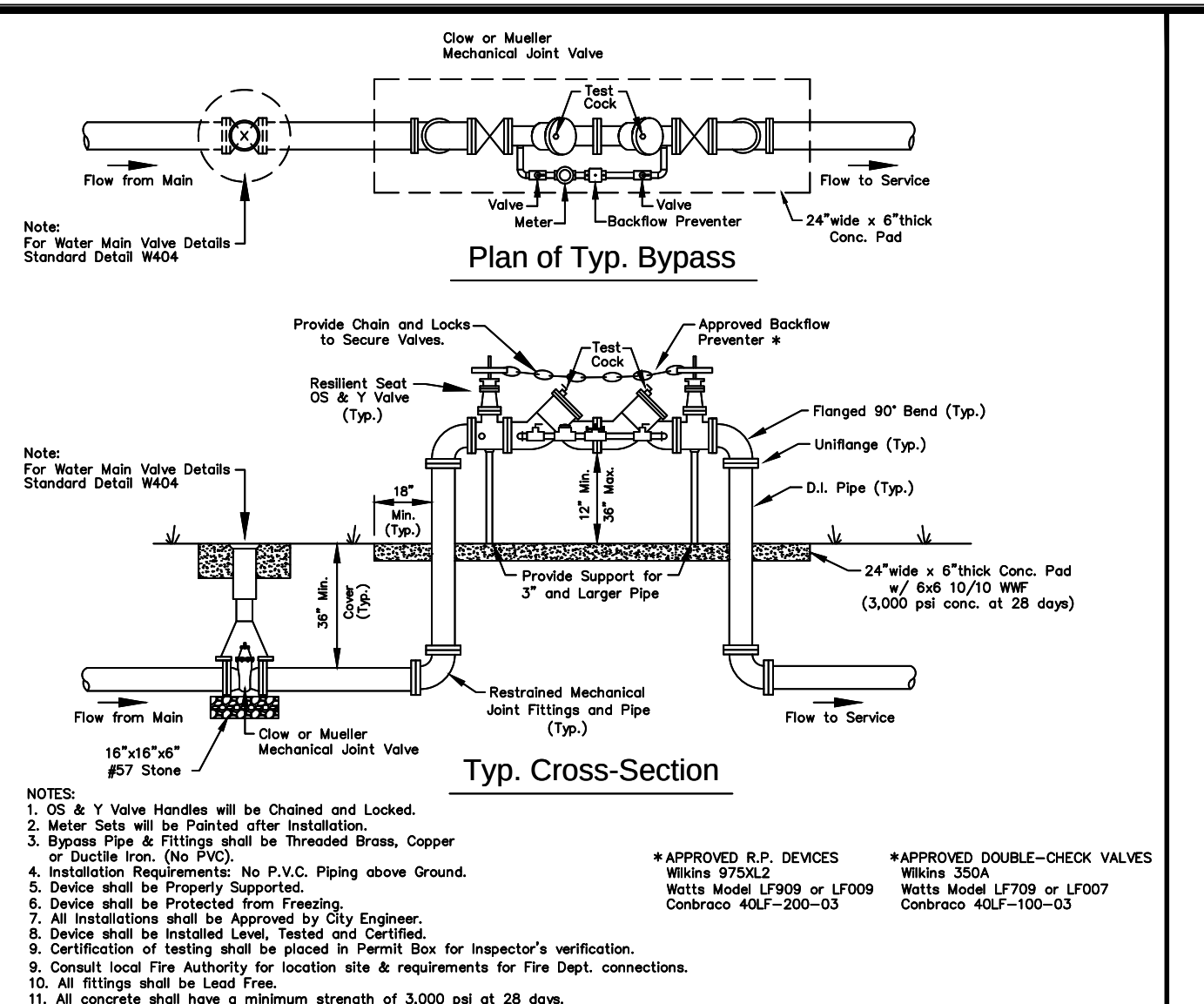


DATE: 11/07/2022 CHLORINATION TAP W416
City of DeLand - Standard Details

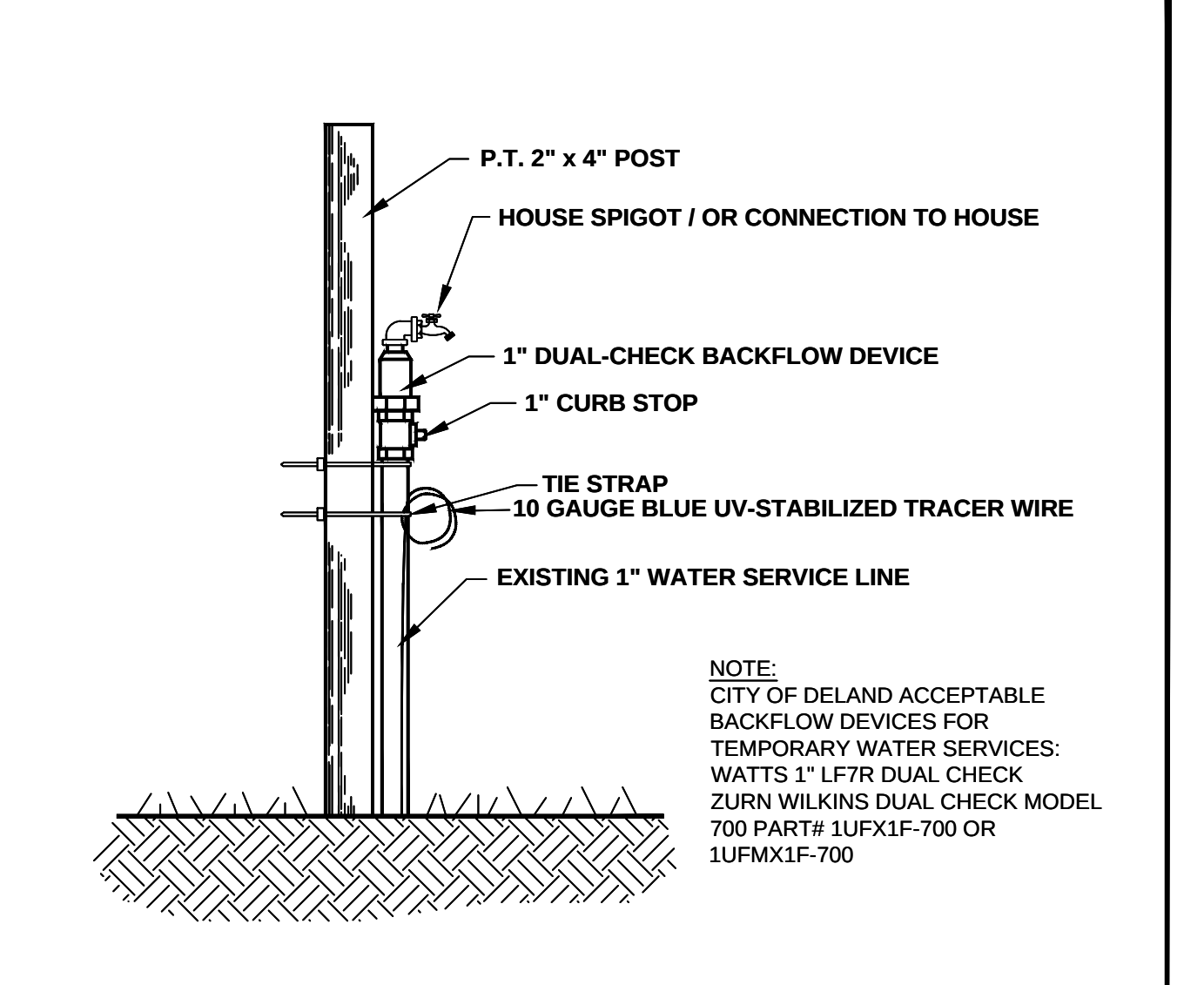
LOCATION OF PUBLIC WATER SYSTEM MAINS IN ACCORDANCE WITH F.A.C. RULE 62-555.314			
Other pipe	Horizontal Separation	Crossings (1)	Joint Spacing @ Crossing (Full Joint Centered)
Storm Sewer	3 ft. minimum	12 inches is the minimum except for storm sewer then 6 inches is the minimum and 12 inches is preferred	Alternate 3' ft. minimum
Stormwater Force Main, Reclaimed Water (2)			
Vacuum Sanitary Sewer	10 ft. preferred 3 ft. minimum	12 inches preferred 6 inches minimum	Alternate 3' ft. minimum
Gravity Sewer	10 ft. preferred 6 ft. minimum (3)	12 inches is the minimum except for gravity sewer then 6 inches is the minimum and 12 inches is preferred	Alternate 6' ft. minimum
Sanitary Sewer Force Main, Reclaimed Water (4)			
On-Site Sewage Treatment & Disposal System(4)	10 ft. minimum	---	---

(1) Water Main Should Cross Above other pipe. When Water Main Must Be Below Other Pipe, the Minimum Separation is 12" inches.
(2) Reclaimed Water Regulated Under Part II of chapter 62-610, F.A.C.
(3) 3 ft. for Gravity Sanitary sewer where the Bottom of the Water Main is laid at least 6 inches above the top of gravity sanitary sewer.
(4) Reclaimed water not regulated under Part II of Chapter 62-160, F.A.C.

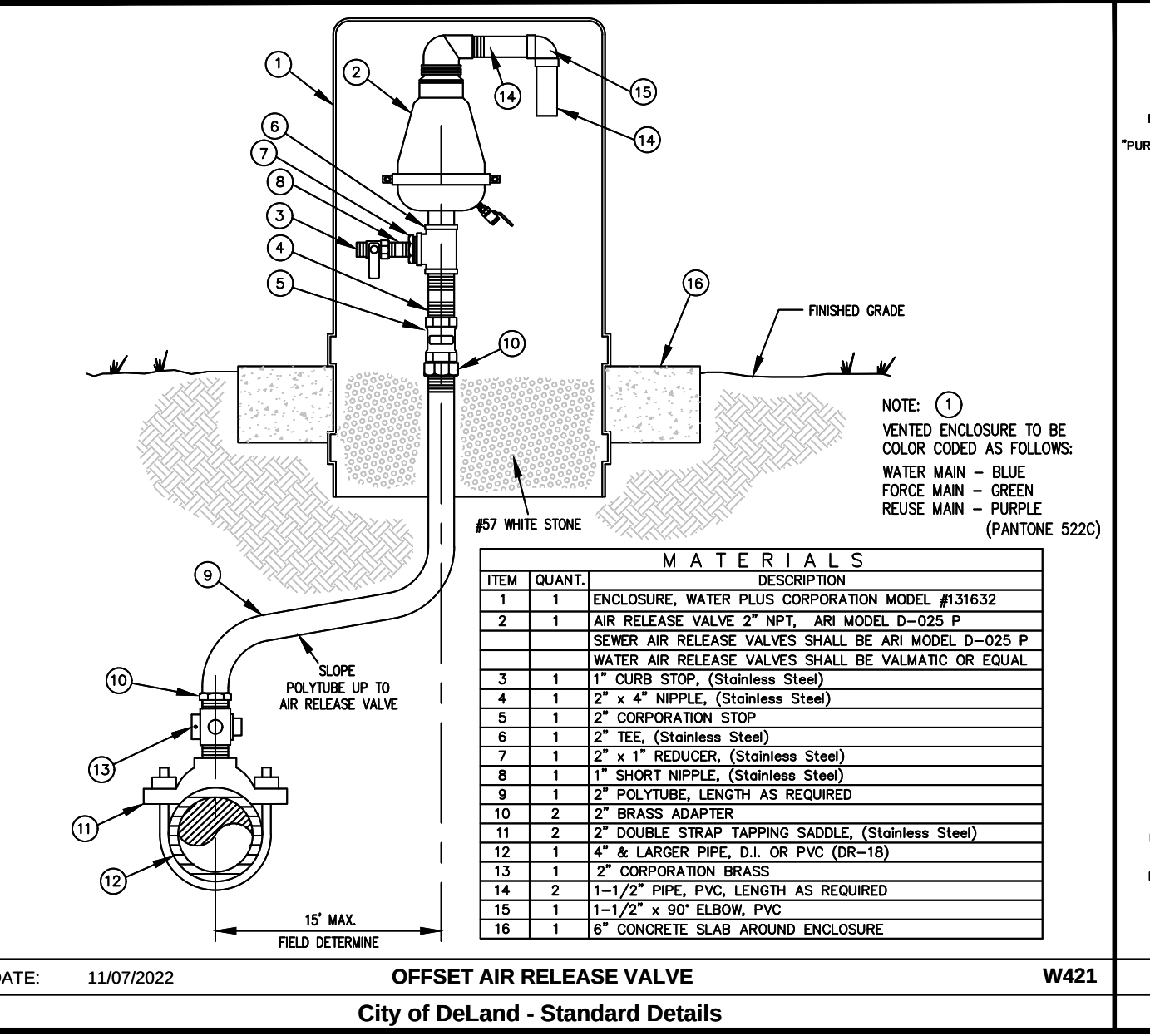
DATE: 11/07/2022 WATER PIPE SEPERATION REQUIREMENTS W420
City of DeLand - Standard Details



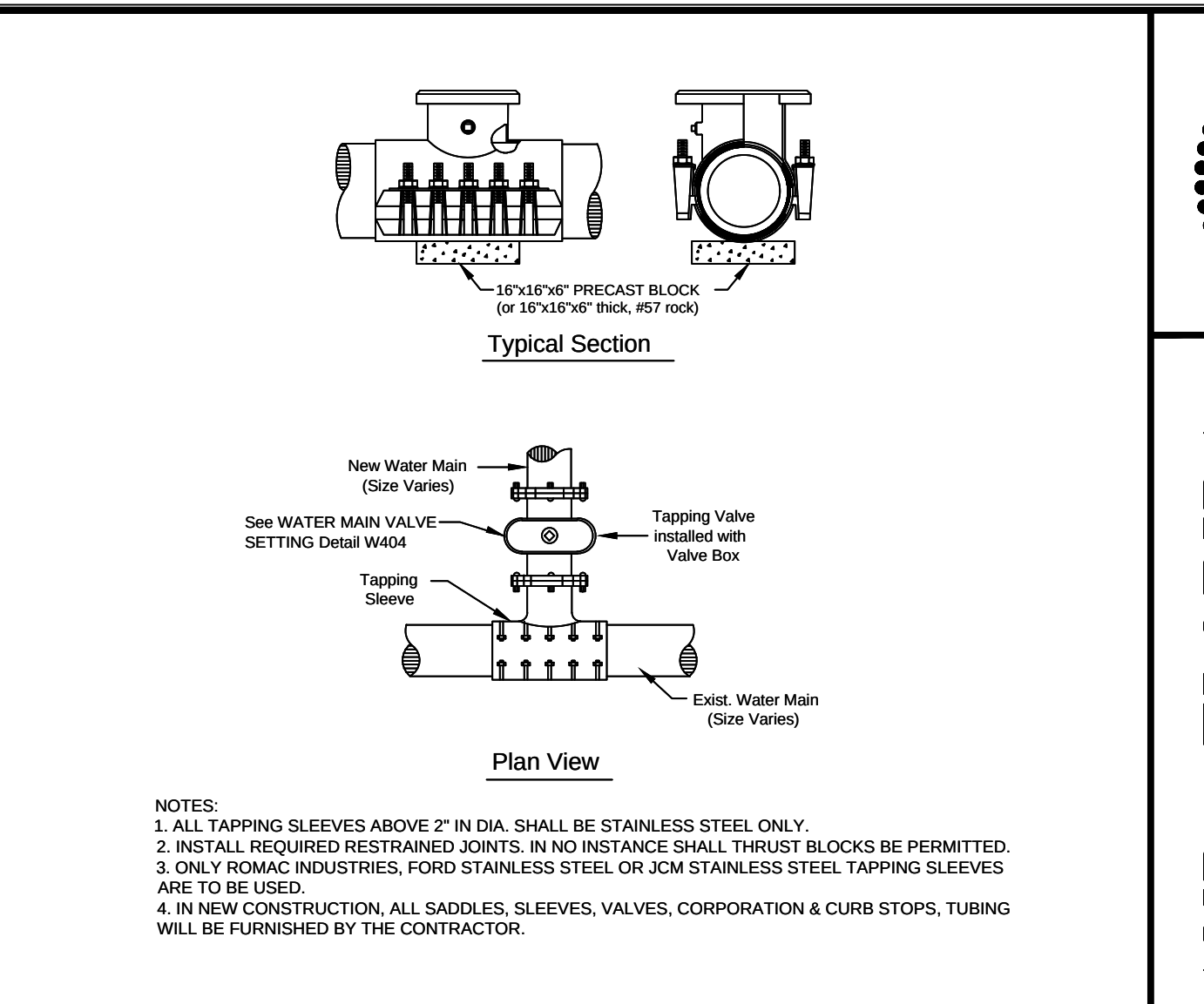
DATE: 11/07/2022 DOUBLE DETECTOR CHECK VALVE ASSEMBLY - 4" THRU 12" W413
City of DeLand - Standard Details



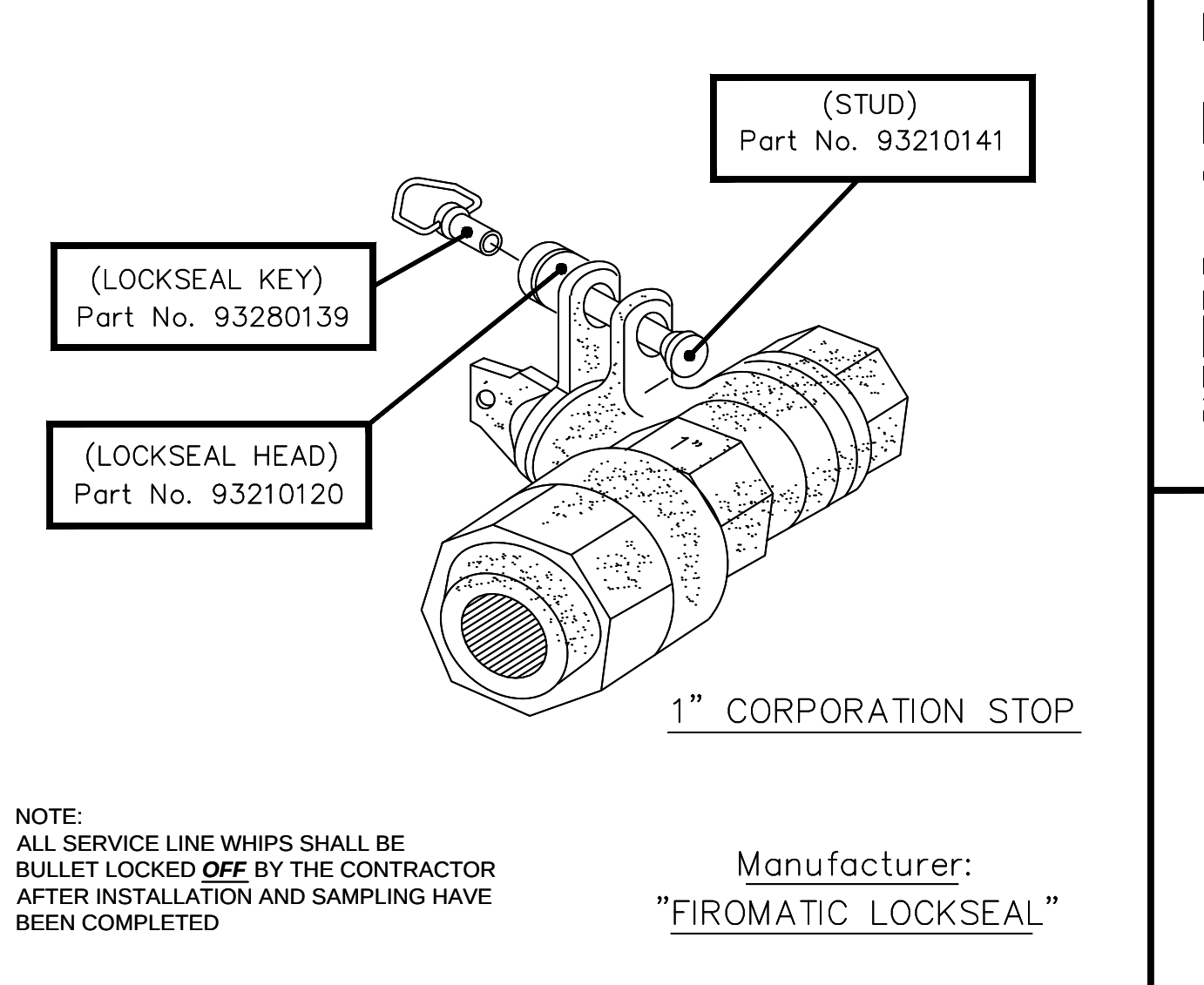
DATE: 11/07/2022 TEMPORARY RESIDENTIAL CONSTRUCTION POTABLE WATER SERVICE W417
City of DeLand - Standard Details



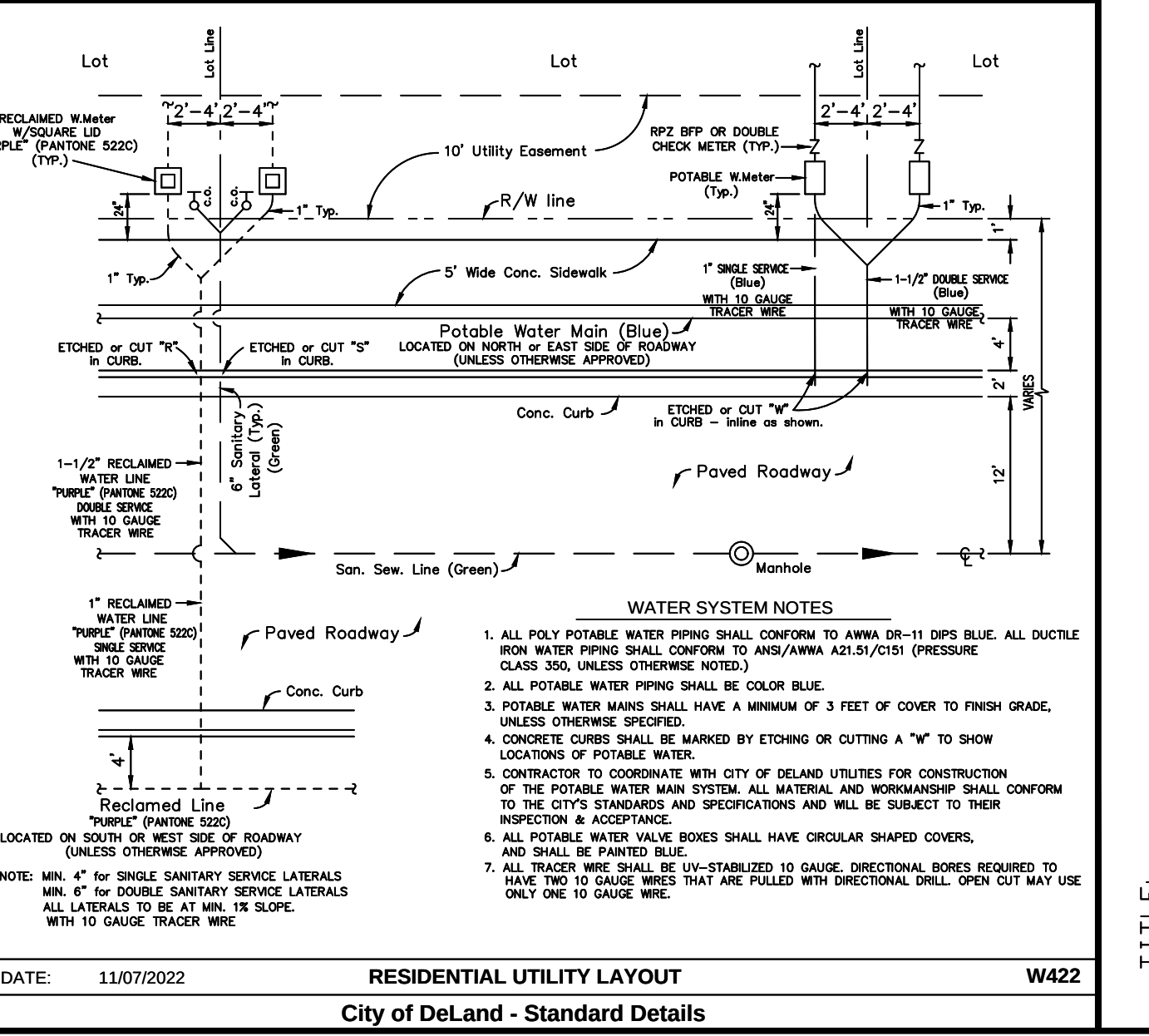
DATE: 11/07/2022 OFFSET AIR RELEASE VALVE W421
City of DeLand - Standard Details



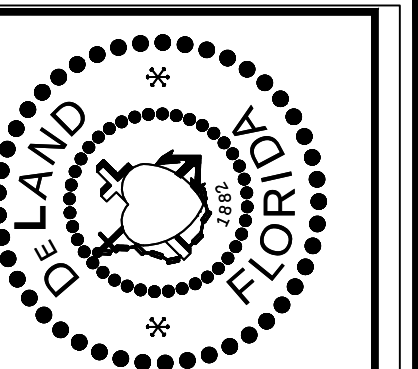
DATE: 11/07/2022 STAINLESS STEEL TAPPING SLEEVE W414
City of DeLand - Standard Details



DATE: 11/07/2022 WATER METER LOCKSEAL ASSEMBLY W418
City of DeLand - Standard Details



DATE: 11/07/2022 RESIDENTIAL UTILITY LAYOUT W422
City of DeLand - Standard Details



CITY OF DELAND, FLORIDA
1102 S. GARFIELD AVENUE, DELAND, FLORIDA 32724

DATE: 11/07/2022
CHECKED BY: NAME

SCALE: NOT TO SCALE
DRAWN BY: ERIC SAMPSON

TITLE:
WATER SYSTEM DETAILS (Sheet 2)



MADDEN
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CITY DETAILS
FOR
SUMMIT PLACE
CITY OF DELAND

DR. HORTON
10192 DOWNEY ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER
BENJAMIN S. BLACKHAM
No. 79452
STATE OF FLORIDA
DATE: 11/07/2024
CERTIFICATE OF AUTHORIZATION NO. CA-00077123

NO.	DATE	REVISIONS
1	11/07/2024	ISSUED FOR PERMIT
2	11/07/2024	REVISED FOR PERMIT
3	11/07/2024	REVISED FOR PERMIT
4	11/07/2024	REVISED FOR PERMIT
5	11/07/2024	REVISED FOR PERMIT
6	11/07/2024	REVISED FOR PERMIT
7	11/07/2024	REVISED FOR PERMIT
8	11/07/2024	REVISED FOR PERMIT
9	11/07/2024	REVISED FOR PERMIT
10	11/07/2024	REVISED FOR PERMIT
11	11/07/2024	REVISED FOR PERMIT

JOB # 21986
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C911

FIRE HYDRANT

BLUE RAISED PAVEMENT MARKER, GLUED WITH (2) PART EPOXY (E-BOND) OR EQUIV. TO THE CENTERLINE OF PAVED TRAVEL LANE IN FRONT OF ALL FIRE HYDRANT LOCATIONS. (per MUTCD and FDOT Specifications)

LEFT TRAVEL LANE

RIGHT TRAVEL LANE

DATE: 11/07/2022 REFLECTIVE PAVEMENT MARKER FOR FIRE HYDRANT LOCATION W423

City of DeLand - Standard Details

Approved Ford Valve for Service Lines

1" SERVICE

Pack Joint for Copper or Plastic Tubing (CTS) Inlet by Meter Swivel Nut

CATALOG NUMBER	VALVE SIZE	SERV. LINE SIZE	METER SIZE	APPROX. WT. LBS.
B43-211W-NL	5/8"	1/2"	5/8"	1.4
B43-212W-NL	5/8"	1/2"	5/8"x3/4" & 3/4"	1.5
► B43-231W-NL	5/8"	3/4"	5/8"	1.6
► B43-232W-NL	5/8"	3/4"	5/8"x3/4" & 3/4"	1.7
► B43-331W-NL	3/4"	3/4"	5/8"	2.1
► B43-332W-NL	3/4"	3/4"	5/8"x3/4" & 3/4"	2.4
► B43-334W-NL	3/4"	3/4"	1"	2.3
► B43-341W-NL	3/4"	1"	5/8"	2.7
► B43-342W-NL	3/4"	1"	5/8"x3/4" & 3/4"	2.4
► B43-344W-NL	3/4"	1"	1"	2.7
► B43-444W-NL	1"	1"	1"	3.2
B43-454W-NL	1"	1-1/4"	1"	3.4

2" SERVICE

Pack Joint for Copper or Plastic Tubing (CTS) by Female Iron Pipe Thread

CATALOG NUMBER	VALVE SIZE	CTS END	FIP END	APPROX. WT. LBS.
► B41-333-NL	3/4"	3/4"	3/4"	2.0
► B41-334-NL	3/4"	3/4"	1"	2.1
► B41-343-NL	3/4"	1"	3/4"	2.2
► B41-344-NL	3/4"	1"	1"	2.4
► BL41-344-4-875-NL	3/4"	1"	1"	3.1
► B41-444-NL	1"	1"	1"	2.8
► B41-454-NL	1"	1-1/4"	1"	3.2
► B41-455-NL	1"	1-1/4"	1-1/4"	3.7
► B41-555-NL	1-1/4"	1-1/4"	1-1/4"	9.6
► B41-656-NL	1-1/2"	1-1/2"	1-1/2"	7.0
► B41-677-NL	1-1/2"	2"	2"	9.6
► B41-777-NL	2"	2"	2"	11.1

DATE: 11/07/2022 VALVE FOR WATER AND RECLAIM SERVICE LINE W424

City of DeLand - Standard Details

Approved Muller Valve for Service Lines

1" SERVICE

P-24350N

Catalog size	3/4"x5/8" R †	3/4" R †	3/4"	5/8"x3/4"x1"	1" R †	1"
Meter size	5/8"	5/8"x3/4", 3/4"	5/8"x3/4", 3/4"	5/8"x3/4", 3/4"	1"	1"
Tubing size	3/4"	3/4"	3/4"	1"	1"	1"

Mueller 300 Ball Straight Meter Valve

Mueller Pack Joint Connection for CTS O.D.* tubing x meter swivel nut**.

Quarter turn check - lock wing, 360° turn option available by adding -3 suffix to catalog number.

Example: P-24350-3

2" SERVICE

P-25172N

3/4"R	3/4"	1"R	1"	1-1/2"	2"
-------	------	-----	----	--------	----

Mueller 300 Ball Curb Valve

Inlet: Mueller Pack Joint

Connection for CTS O.D.* tubing

Outlet: F.I.P. thread

Quarter turn check-this valve may be ordered with 360° turn option by adding -3 to end of catalog number (P-25172-3)

DATE: 11/07/2022 VALVE FOR WATER AND RECLAIM SERVICE LINE W425

City of DeLand - Standard Details

P.T. 2" x 4" POST

ALL CURB STOPS SHALL BE BULLET LOCKED OFF BY THE CONTRACTOR. SEE CITY DETAIL W418

1" CTS CURB STOP

2" CTS CURB STOP

NEW 1" CTS OR 2" CTS BLUE SERVICE WHIP

10 GAUGE BLUE UV-STABILIZED TRACER WIRE

TIE STRAPS - SECURELY FASTENED TO 2" x 4" POST, TYP. OF 3

DATE: 11/07/2022 NEW POTABLE SERVICE WHIP W426

City of DeLand - Standard Details

CITY OF DELAND, FLORIDA

1102 S. GARFIELD AVENUE, DELAND, FLORIDA 32724

TITLE:

WATER SYSTEM DETAILS (Sheet 3)

FILE: drive letter/details locations

SCALE: NOT TO SCALE

DRAWN BY: ERIC SAMPSON

DATE: 11/07/2022

CHECKED BY: NAME

MADDEN CIVIL ENGINEERS

431 E. Horatio Avenue Suite 260
Maitland, Florida 32751
(407) 629-8330

CITY DETAILS FOR

SUMMIT PLACE

CITY OF DELAND FLORIDA

DR HORTON

10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER BENJAMIN S. BLACKHAM
LICENSE No. 79452
STATE OF FLORIDA
DATE 07/19/2024
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

1	2	3	4	5	6	7	8	9	10	11	DATE	REVISIONS

JOB # 21886

DATE: 02/20/23

SCALE: N/A

DESIGNED BY: JTT

DRAWN BY: JTT

APPROVED BY: BSB

C912



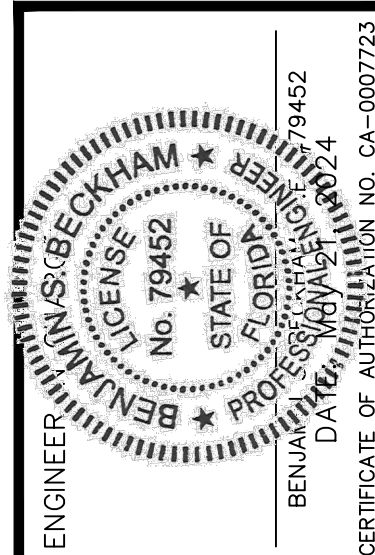
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CITY DETAILS

FOR

SUMMIT PLACE

DR HORTON
10192 DOWDEN ROAD
ORLANDO, FL 32832
(407) 850-5200



1	
2	
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4	
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11	DATE DEVISIONS

JOB # _____ 2108
DATE: _____ 02/20/23
SCALE: _____ N//
DESIGNED BY: _____ JT
DRAWN BY: _____ JT
APPROVED BY: _____ BSI

C915

200 AMP 3-PHASE 4-WIRE
LEVER BY-PASS
7-JAW METER CAN
MANUFACTURED FROM
UNPAINTED BRUSHED ALUMINUM

2" PVC THREADED PIPE CAP

2" RIGID STEEL CONDUIT SUPPORT RISERS

2" RIGID STAINLESS STEEL
CONDUIT STRAPS WITH
STAINLESS STEEL HARDWARE

STAINLESS STEEL STRUT 1-1/2" X 1-1/2"

WHITE RUBBER CAPS
1-1/2" SQUARE, 1" DEEP
TYPICAL ON SIX ENDS

2" PVC SCH 40 CONDUIT (SEE CHART BELOW
FOR WIRE SIZE) TO DUKE POWER TERMINAL
BOX

1/2" SCH 40 PVC CONDUIT WITH 1-#4 BARE
SOLID COPPER GROUND WIRE INSTALL TWO 5/8"
X 8 FT GALVANIZED GROUND RODS SPACED AT
10 FOOT SEPARATION

SEE SIZE CHART BELOW TO
SMITH LOVELESS LIFT STATION

1" PVC SCH 40 CONDUIT WITH 7-#14
THIN STRANDED CONTROL WIRES

STAINLESS STEEL
NEMA 4X
250 VOLT (SEE
SIZE CHART
BELOW)
FUSED
DISCONNECT
PROVIDE
NEUTRAL KIT

LIGHTNING
ARRESTOR,
SEE NOTE 7

STAINLESS STEEL
TRANSFER PANEL
NEMA 4X CUSTOM BUILT
24" WIDE 30" HIGH 10"
DEEP
WITH TWO 3/4" HOLES (SEE
SIZE CHART BELOW)
CIRCUIT BREAKERS INSTALL
A MECHANICAL INTERLOCK
TO PREVENT BOTH
BREAKERS FROM CLOSING
SIMULTANEOUSLY
SEE DETAILED NOTES AND
DRAWINGS FOR ALL
COMPONENTS AND WIRING
DIAGRAMS

LED LIGHT FIXTURE
14 WATT 5 KELVIN
MOUNTED WITH 1/2"
RIGID CONDUIT STEM

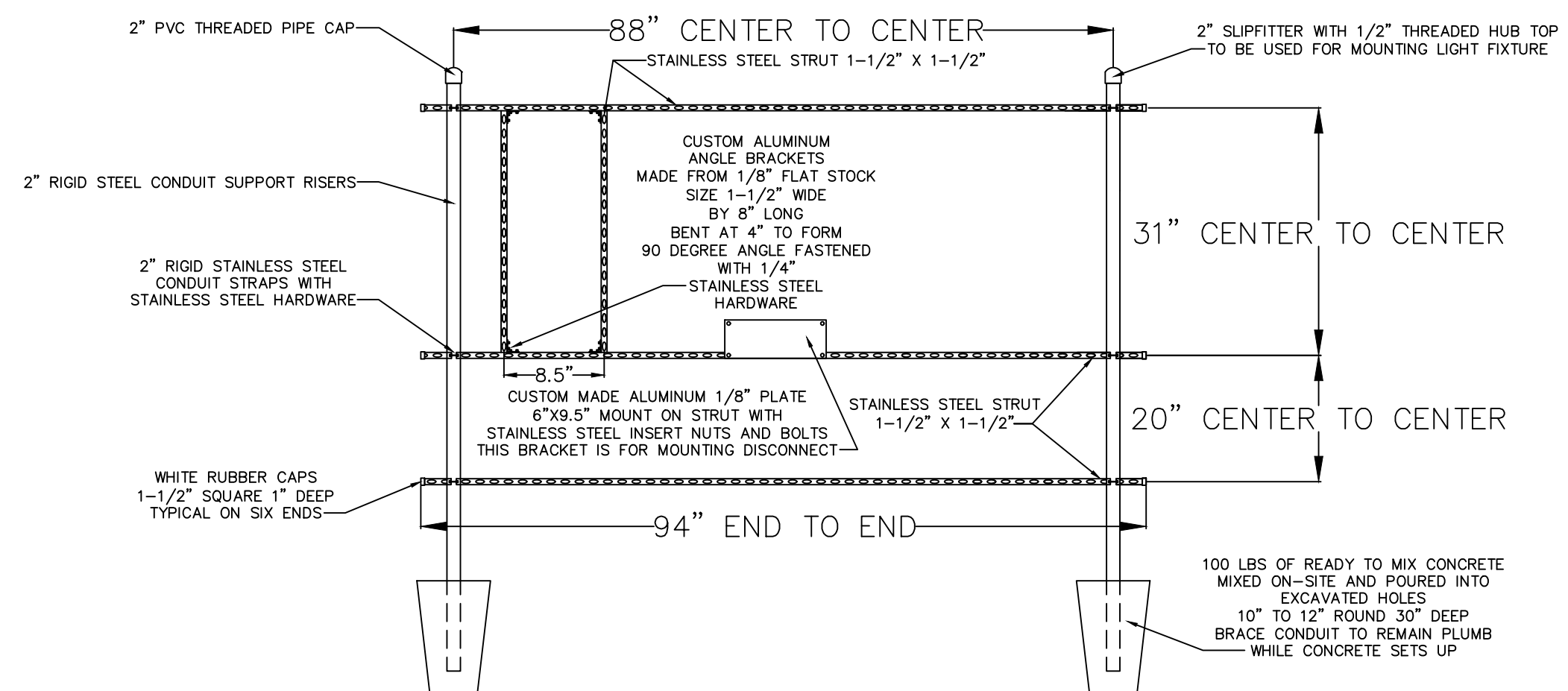
2" SLIPFITTER WITH 1/2" THREADED HUB TOP
TO BE USED FOR MOUNTING LIGHT FIXTURE

NOTE: WATCH FOR THE POSITION OF
GENERATOR HUB, IT NEEDS TO BE PLACED
TOWARD THE FRONT OF THE PANEL

100 LBS OF READY TO MIX CONCRETE
MIXED ON-SITE AND POURED INTO
EXCAVATED HOLES

10" TO 12" ROUND 30" DEEP
BRACE CONDUIT TO REMAIN PLUMB
WHILE CONCRETE SETS UP

240 VOLT POWER RACK WITHOUT GENERATOR



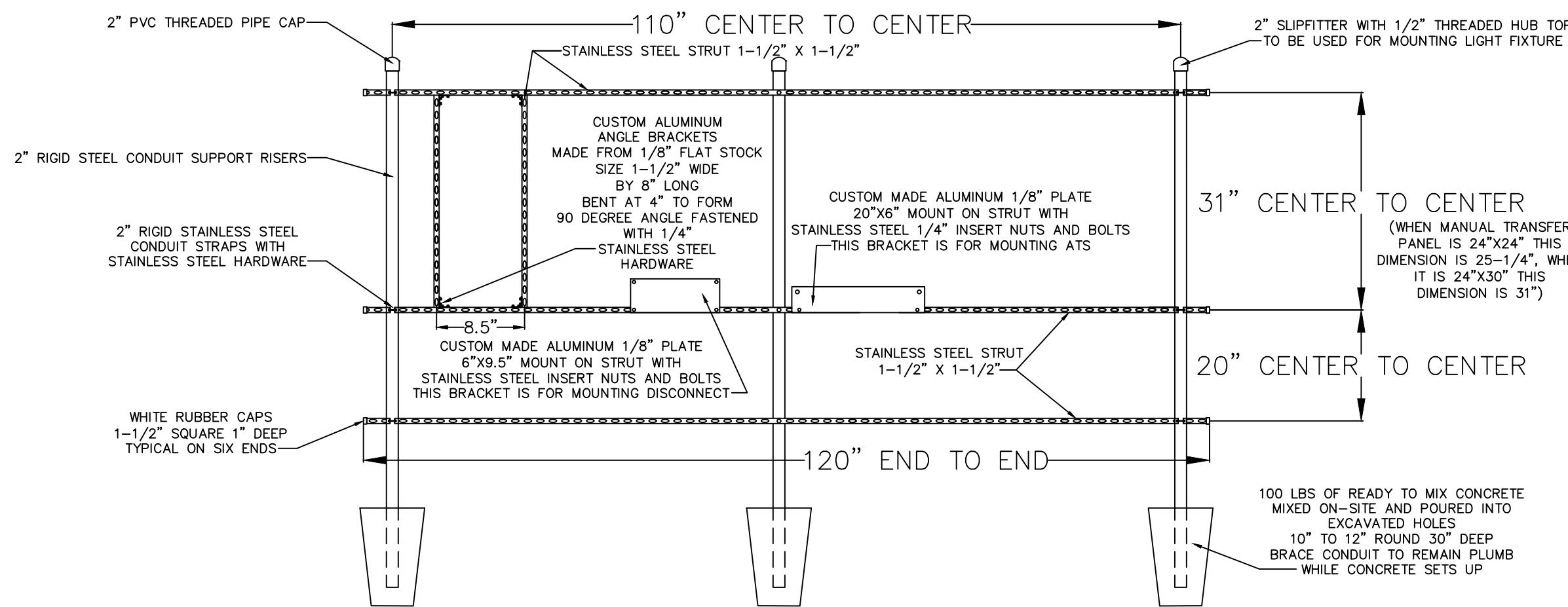
RACK FRAMING DETAILS

240 VOLT WITHOUT AUTOMATIC TRANSFER SWITCH

CONTROL GENERATOR RECEPTACLE PANEL

1. ENCLOSURE : NEMA 4X STAINLESS, 304 GRADE, 1/4 GAUGE, GASKETED, 1/4 BRUSHED FINISH, U.L. AND CSA APPROVED, HASP AND STAPLE FOR PADLOCKING, INSIDE PRINT POCKET, STAINLESS STEEL HINGE, MIN. SIZE 24" x 24" 8" FOR UP TO 15 H.P.
2. MAIN BREAKER : SQUARE D HEAVY DUTY SIZED PROPERLY FOR FULL LOAD OF STATION PLUS 25%.
3. EMERGENCY EMBY : SQUARE D HEAVY DUTY SIZED PROPERLY FOR FULL LOAD OF STATION PLUS 25%.
4. MECH. INTERLOCK : ALL ALUMINUM AND STAINLESS STEEL W/ POSITIVE MEANS OF LOCKING OFF BREAKER NOT IN USE. THE BREAKERS WILL PROTRUDE THROUGH INNER DOOR.
5. RECEPTACLE : RUSSELL STOLL JRS1044FR (230 VOLT ONLY), MELTRIC PART #37-98047 (480 VOLT ONLY)
6. ANGLE ADAPTER : RUSSELL STOLL JAAB-10, 20 DEG. ADAPTER
7. LIGHTNING ARRESTOR : HEAVY DUTY, SQUARE D PIN SDSA-8850
8. PHASE MONITOR : DIVERSIFIED PIN SLA-230-ASA, 8 PIN WITH N.O. AND N.C. CONTACTS WIRE TO TERMINAL FOR RTU EQUIPMENT.
9. HIGH WATER ALARM : RED, LEXAN, W/NO EXTERNAL SCREWS.
10. HIGH WATER RELAY : 30 AMP, 8 PIN DOUBLE POLE, DOUBLE THROW WIRED TO RTU TERMINAL.
11. ALARM HORN : RED, WHEELCOX PN 31T-115 MOUNTED TO RED WEATHER PROOF CAST BOX ON EXTERIOR OF ENCLOSURE.
12. ALARM RELAY : SQUARE D OR OMRON, 8 PIN DOUBLE POLE, DOUBLE THROW WIRED TO RTU TERMINAL.
13. ALARM RESET/SL : SQUARE D, WEATHER PROOF MOUNTED ON EXTERIOR OF ENCLOSURE.
14. ENCL. BACKPLATE : ALUMINUM, 1/2 GAUGE
15. TERMINAL STRIP : BUCHANON PIN 0625
16. GROUND LUG : BUCHANON PIN 824
17. NEUTRAL LUG : BUCHANON PIN 824
18. MAIN LOAD LUG : SQUARE D PIN L13
19. LABELS, ALL BREAKERS AND SWITCHES TO BE IDENTIFIED BY PERMANENTLY ATTACHED LABEL, TO PANEL DOOR INTERIOR
20. MOUNTING SCREWS : STAINLESS STEEL 304
21. SCHEMATIC DWGS. : PROTECTED BY PLASTIC COATING AND ATTACHED TO PANEL DOOR INTERIOR.
22. MANUFACTURER : STACON, ECS OR CITY OF DELAND APPROVAL
23. R.T.U. : (DATA FLOW MELBOURNE FLA. (R.T.U. 204) OR EQUAL TO BE INSTALLED BY CITY- DEVELOPER TO BEAR ALL COSTS.
24. PROVIDE SPARE PARTS - SEE SPARE PARTS LIST
25. WET WELL TO BE COATED INSIDE AND OUT WITH MIN. 24 MILS OF COAL/TAR EPOXY
26. EQUIVALENT PRODUCTS CAN ONLY BE APPROVED UPON RECEIPT OF WRITTEN AUTHORIZATION FROM THE CITY OF DELAND.

240 VOLT POWER RACK WITH GENERATOR AUTOMATIC TRANSFER SWITCH



RACK FRAMING DETAILS

240 VOLT WITH AUTOMATIC TRANSFER SWITCH

SIZE CHART

STEP #1: DETERMINE LIFT STATION SIZE & SPECIFICATIONS FROM THE UTILITY CONTRACTOR OR CITY OF DELAND ENGINEERING DEPT.

STEP #2: MAKE NOTE OF THE FOLLOWING: THE VOLTAGE FOR THE STATION, THE NUMBER OF PUMPS (2 OR 3) & THE HORSEPOWER OF PUMPS.

STEP #3: REFER TO THE ELECTRICAL SERVICE DATA CHARTS FOR THE STANDARD 2 PUMP OR 3 PUMP STATION (FOUND ON SHEET 3 OF 3).

STEP #4: USE THE VOLTAGE COLUMN AND THE HORSEPOWER ROW TO FIND THE TOTAL STATION FULL LOAD AMPS.

STEP #5: UPON DETERMINING THE FULL LOAD AMPS OF THE STATION, THE SERVICE ENTRANCE SIZE SHALL NOT BE SMALLER THAN 100 AMPS.

STATIONS THAT REQUIRE A SERVICE SIZE LARGER THAN 100 AMPS SHALL BE SIZED CLOSEST TO THE STANDARD SIZES LISTED BELOW.

SERVICE SIZE	CONDUIT SIZE	WIRE SIZE	BREAKER OR FUSE RATING
100 AMP	1-1/2"	#3 THHN CU	100 AMP
125 AMP	1-1/2"	#2 THHN CU	125 AMP
150 AMP	2"	#1 THHN CU	150 AMP
200 AMP	2"	3/0 THHN CU	200 AMP
225 AMP	2-1/2"	4/0 THHN CU	225 AMP

Index No.
30800
REVISED 11/05/21
SHEET 2 OF 3

City of DeLand, Engineering Services
1102 S. Garfield Avenue, DeLand, Florida 32724

DATE: 11/07/2022

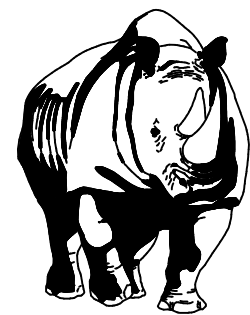
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DRAWN BY: ERIC SAMPSON

SANITARY LIFT STATION

TITLE:
PAGE 4 OF 5

FILE: LIFT STATION DETAILS A B.dwg

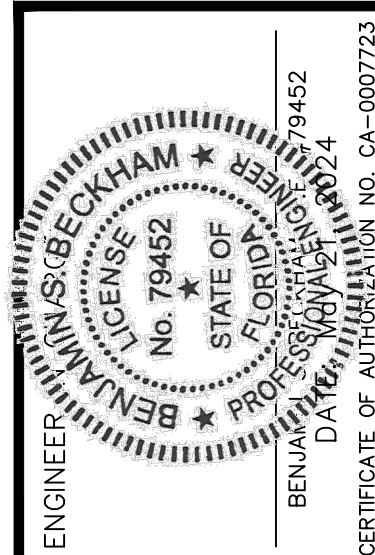


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CIVIL ENGINEERS

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CITY DETAILS
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9	07/2024	REVISED FOR CITY REVIEW
10	07/2024	REVISED FOR CITY REVIEW
11	07/2024	REVISED FOR CITY REVIEW

JOB # 21886
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C916



City of Deland, Engineering Services
1102 S. Garfield Avenue, DeLand, Florida 32724

DATE: 11/07/2022
CHECKED BY:
SCALE: NOT TO SCALE
DRAWN BY: ERIC SAMPSON

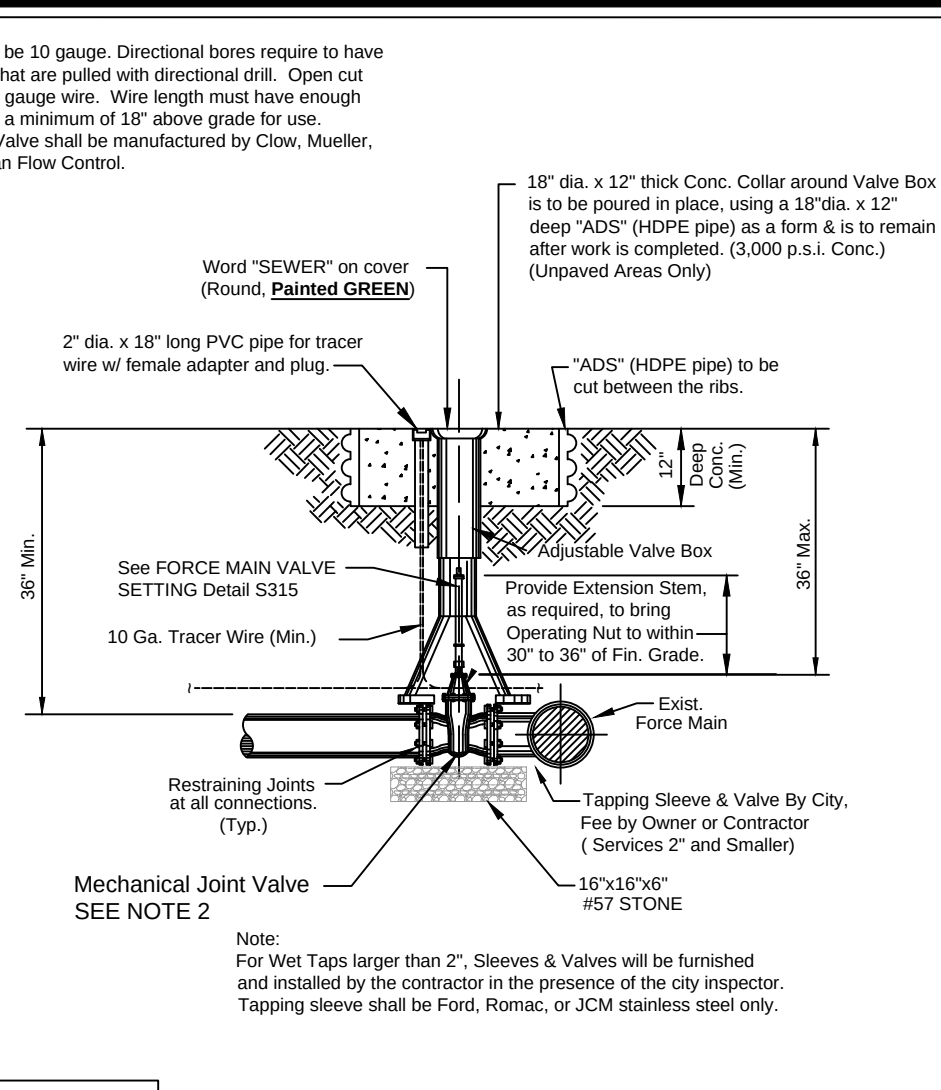
SANITARY LIFT STATION

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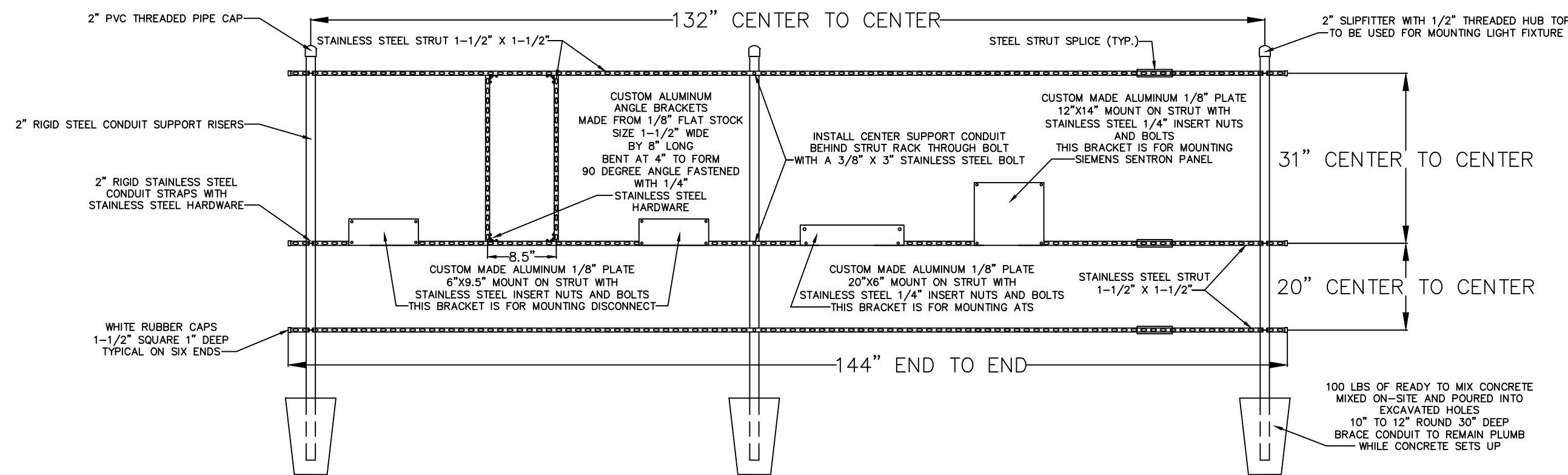
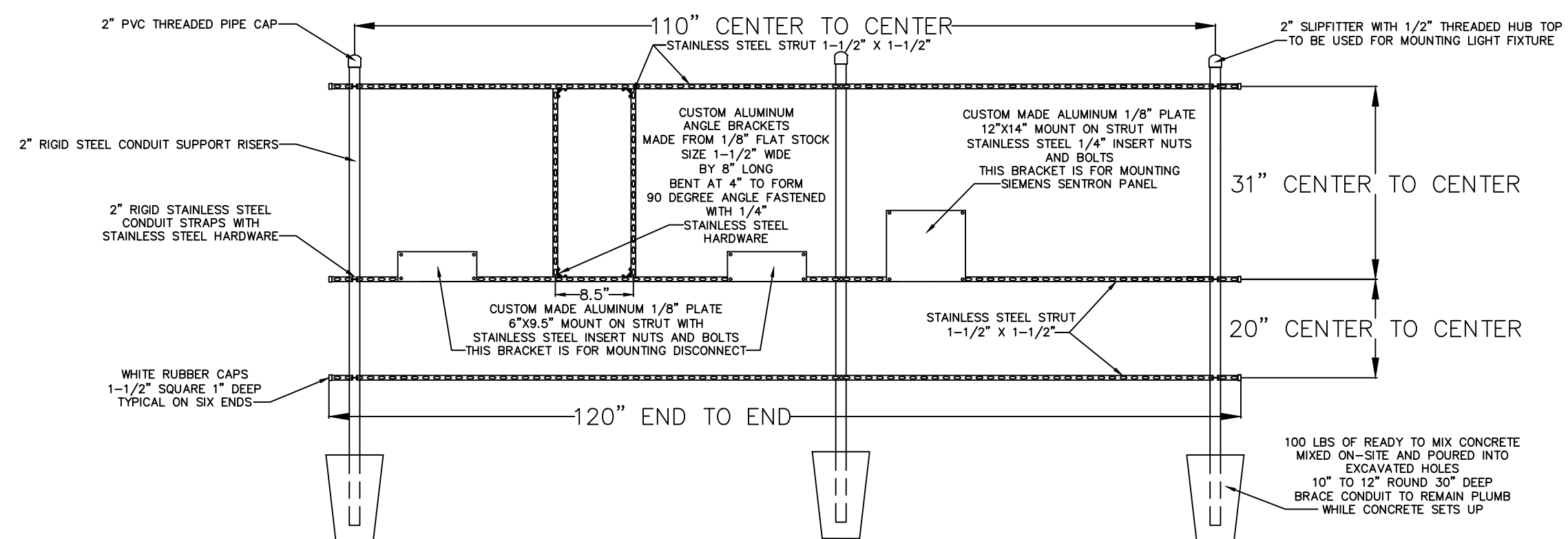
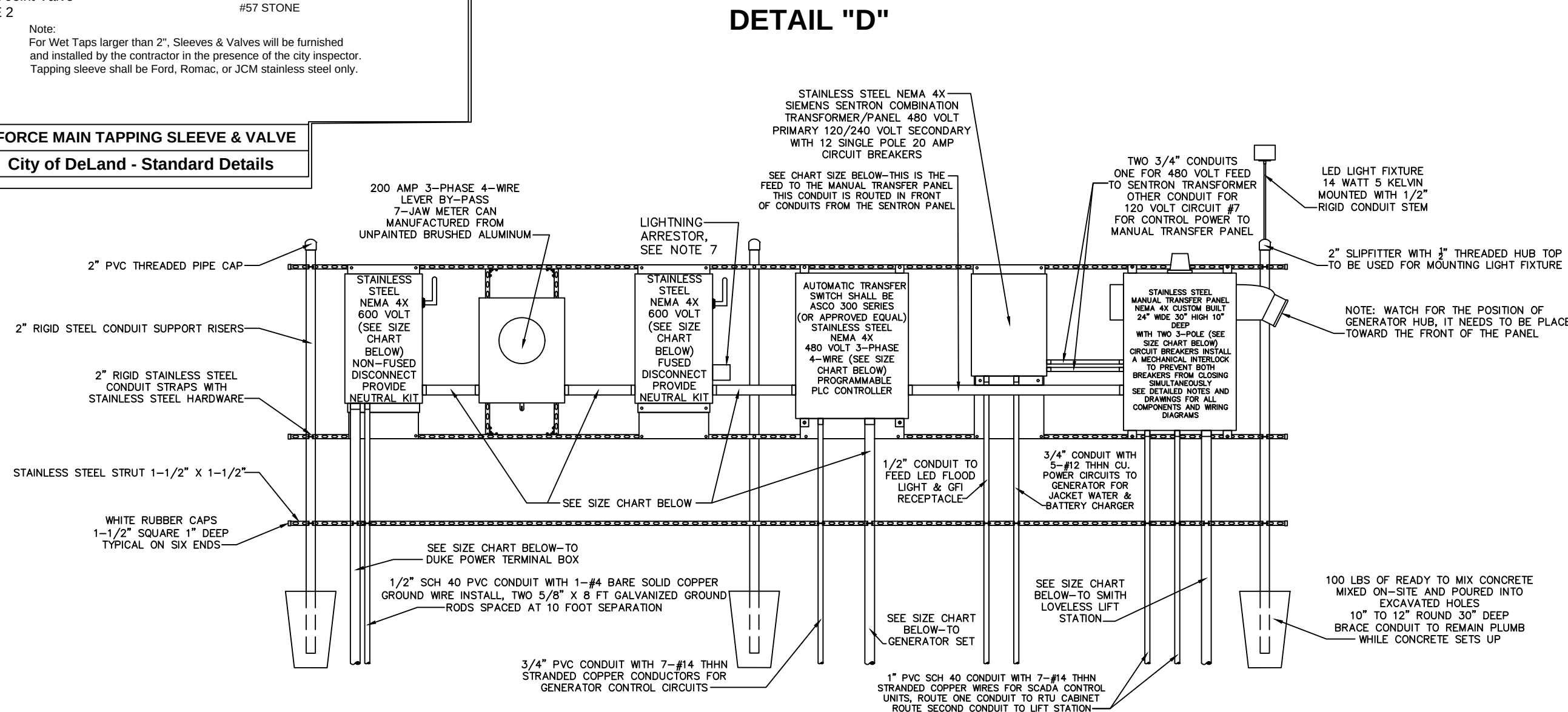
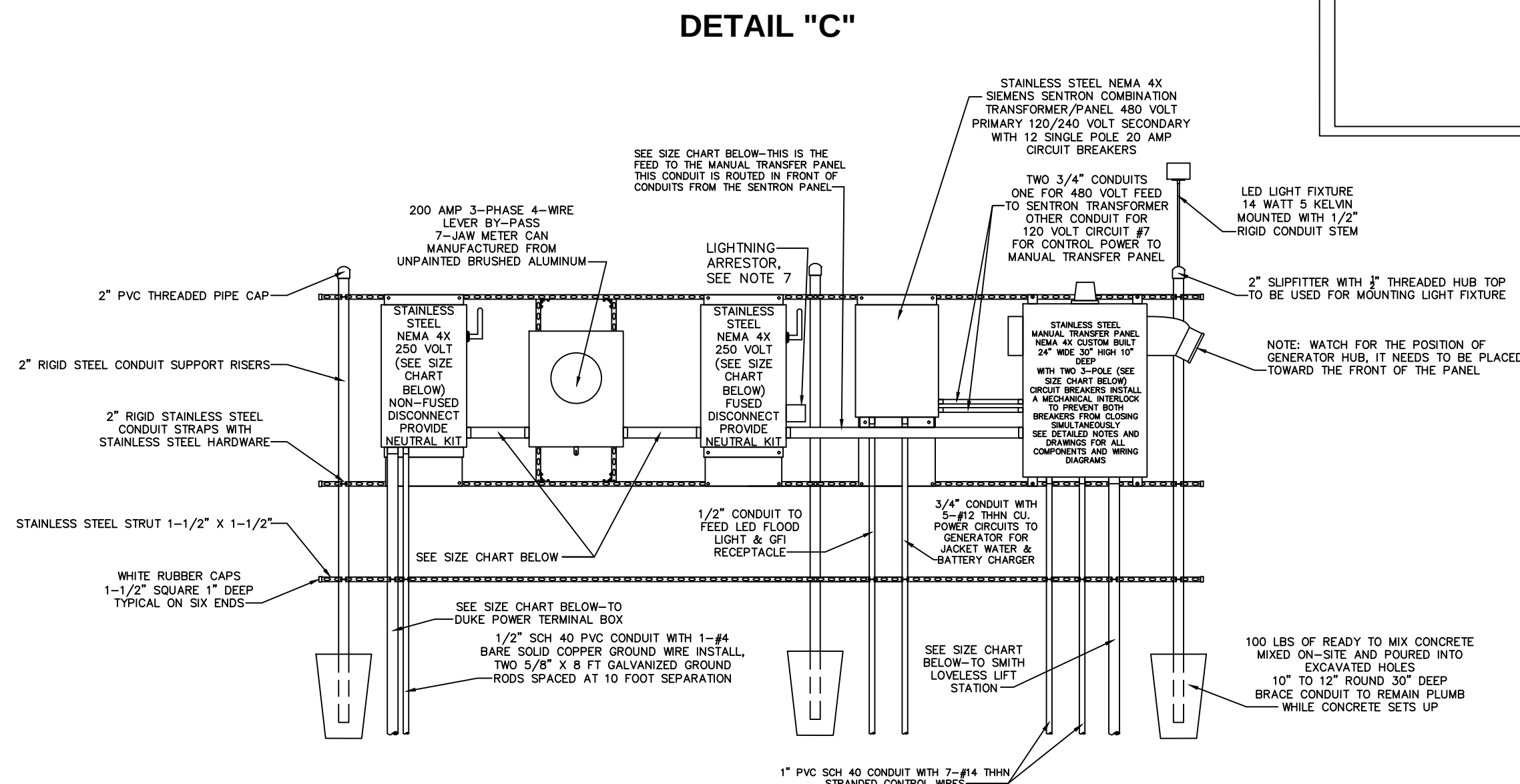
PAGE 5 OF 5

FILE: LIFT_STATION_DETAILS_C_D.dwg

Index No.
30800
REVISED 11/07/22
SHEET 3 OF 3



FORCE MAIN TAPPING SLEEVE & VALVE
City of DeLand - Standard Details



ELECTRICAL SERVICE DATA STANDARD 2-PUMP WET WELL MOUNTED PUMP STATION

MAIN PUMP MOTOR SIZE	TOTAL STATION FULL LOAD AMPS		
RATED HP EACH	208 VOLT	230 VOLT	460 VOLT
1	17.6	15.3	7.6
1-1/2	21.8	18.9	9.5
2	25.9	22.5	11.3
3	33.1	28.8	14.5
5	47.7	41.4	20.7
7-1/2	65.3	56.7	28.4
10	80.8	70.2	35.1
15	117.0	101.7	50.9
20	148.1	128.7	64.4
25	190.44	160.2	80.1
30	215.3	187.2	93.6
40	---	---	120.6
50	---	---	150.0

ELECTRICAL SERVICE DATA STANDARD 3-PUMP WET WELL MOUNTED PUMP STATION

MAIN PUMP MOTOR SIZE	TOTAL STATION FULL LOAD AMPS		
RATED HP EACH	208 VOLT	230 VOLT	460 VOLT
1	27.3	23.7	11.9
1-1/2	33.3	28.9	14.5
2	39.3	34.1	17.1
3	49.6	43.2	21.6
5	70.6	61.4	30.7
7-1/2	96.1	83.5	41.8
10	118.5	103.0	51.5
15	170.9	148.5	74.3
20	215.7	187.5	93.8
25	---	---	116.5
30	---	---	136.0
40	---	---	175.0
50	---	---	217.3

CONTROL GENERATOR RECEPTACLE PANEL

- ENCLOSURE: NEMA 4X STAINLESS, 304 GRADE, 14 GAUGE, GASKETED, #4 BRUSHED FINISH, U.L. AND CSA APPROVED, HASP AND STAPLE FOR PADLOCKING, INSIDE PRINT POCKET, STAINLESS STEEL HINGE, MIN. SIZE 24" X 24" X 8" FOR UP TO 15 H.P.
- MAIN BREAKER: SQUARE D HEAVY DUTY SIZED PROPERLY FOR FULL LOAD OF STATION PLUS 25%.
- EMERGENCY BKR: SQUARE D HEAVY DUTY SIZED PROPERLY FOR FULL LOAD OF STATION PLUS 25%.
- MECH. INTERLOCK: ALL ALUMINUM AND STAINLESS STEEL WIPOSSITIVE MEANS OF LOCKING OFF BREAKER NOT IN USE. THE BREAKERS WILL PROTRUDE THROUGH INNER DOOR.
- RECEPTACLE: RUSSELL STOLL JRS1044FR (230 VOLT ONLY), MELTRIC PART #37-98047 (480 VOLT ONLY)
- ANGLE ADAPTER: RUSSELL STOLL JAA8-10, 20 DEG. ADAPTER
- LIGHTNING ARRESTOR: HEAVY DUTY, SQUARE D PIN SDASA3650, OR INTERMATIC AG503C 600V.
- PHASE MONITOR: DIVERSIFIED PIN SLA-230-ASA, 8 PIN WITH N.O. AND N.C. CONTACTS WIRE TO TERMINAL FOR RTU EQUIPMENT.
- HIGH WATER ALARM: RED, LEXAN, W/NO EXTERNAL SCREWS.
- HWA RELAY: SQUARE D OR OMRON, 8 PIN DOUBLE POLE, DOUBLE THROW WIRED TO RTU TERMINAL.
- ALARM HORN: RED, WHEELLOCK PIN 31T-115 MOUNTED TO RED WEATHER PROOF CAST BOX ON EXTERIOR OF ENCLOSURE.
- ALARM RELAY: SQUARE D OR OMRON, 8 PIN DOUBLE POLE, DOUBLE THROW WIRED TO RTU TERMINAL.
- ALARM RESET/STL: SQUARE D, WEATHER PROOF MOUNTED ON EXTERIOR OF ENCLOSURE.
- ENCL. BACKPLATE: ALUMINUM, 12 GAUGE
- TERMINAL STRIP: BUCHANON PIN 0625
- GROUND LUG: BUCHANON PIN 824
- NEUTRAL LUG: BUCHANON PIN 824
- MAIN LOAD LUG: SQUARE D PIN U3
- LABELS: ALL BREAKERS AND SWITCHES TO BE IDENTIFIED BY PERMANENTLY ATTACHED LABEL TO PANEL DOOR INTERIOR
- MOUNTING SCREWS: STAINLESS STEEL 304
- SCHEMATIC DWG.: PROTECTED BY PLASTIC COATING AND ATTACHED TO PANEL DOOR INTERIOR.
- MANUFACTURER: STACON, ECS OR CITY OF DELAND APPROVAL
- R.T.U.: (DATA FLOW MELBOURNE FLA. (R.T.U. 204) OR EQUAL TO BE INSTALLED BY CITY-DEVELOPER TO BEAR ALL COSTS.
- PROVIDE SPARE PARTS - SEE SPARE PARTS LIST
- WET WELL TO BE COATED INSIDE AND OUT WITH MIN. 24 MILS OF COALTAR EPOXY
- EQUIVALENT PRODUCTS CAN ONLY BE APPROVED UPON RECEIPT OF WRITTEN AUTHORIZATION FROM THE CITY OF DELAND.



CITY DETAILS
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA



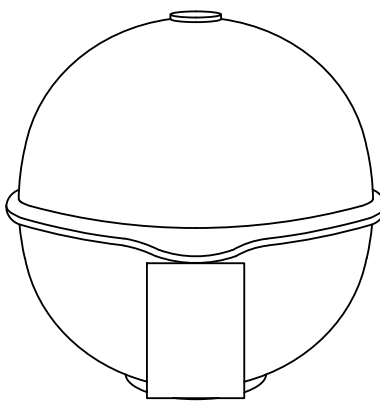
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11	DATE DEVISIONS

[illegible]

3M LOCATING MARKER BALLS PROGRAMMABLE AND NON-PROGRAMMABLE NOTES:

- Programmable and Non-Programmable Marking Balls will be used on all Sewer, Potable and Reclaim projects
- For information on the Programmable and Non-Programmable Balls that the City requires see spec sheet for details
- Programmable Balls will be placed at all fittings ie. Tees, Couplings, 90, 45, and 22.
- Information will be recorded on a spread sheet. For information that needs to be recorded see spec sheet for an example template for the 3M Marker Balls
- Non-Programmable Marking Balls will be used as follow:
- Potable: End of Service Line when buried
- Wastewater: Ball will be placed at the curb line to mark lateral location prior to end of service.
- Reclaim: End of Service Line when buried
- Desired bury depth is 1.5 feet to 3 feet. Five foot is the maximum depth for these devices

1423-XR/ID-POTABLE



The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

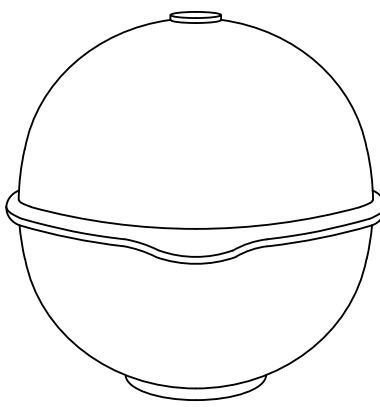
Featured Benefits

- Positive identification of underground water facilities
- iD Marker allows for programming of customer specific information
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

COLOR: BLUE
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
PROGRAMMABLE/PASSIVE: PROGRAMMABLE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL

1403-XR-POTABLE



The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

Featured Benefits

- Positive identification of underground water facilities
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

COLOR: BLUE
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
NUMBER OF FREQUENCIES: N/A
PROGRAMMABLE/PASSIVE: PASSIVE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: ACCESS NETWORK: xDSL, LONG-HAUL/METRO
LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL

1420-LOCATER FOR MARKER BALLS

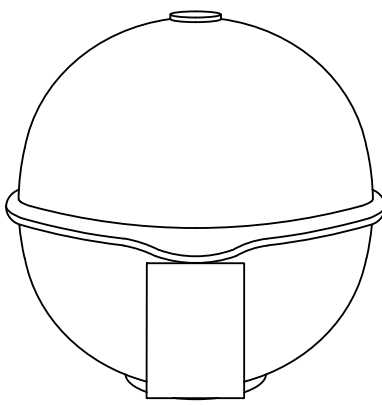
3M™ Dynatel™ Electronic Marker System (EMS) Marker Locators 1420 series is microprocessor-based systems that quickly and efficiently locate underground markers—years after construction or maintenance. -

The 3M™ Dynatel™ 1420 Marker Locators are designed to be accurate, fast and integrated allowing you to accurately and easily:

- Locate, read and write to 3M iD markers
- Pinpoint the depth and location of all existing models of properly installed underground passive EMS markers
- Conduct direct depth reading of markers
- Locate two different marker frequencies simultaneously

3M DYNATEL LOCATING AND MARKING ELECTRONIC MARKER SYSTEM:

1424-XR/ID-SEWER



The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

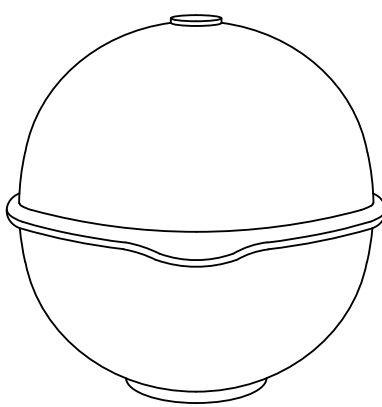
Featured Benefits

- Positive identification of underground wastewater facilities
- iD Marker allows for programming of customer specific information
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

COLOR: GREEN
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
NUMBER OF FREQUENCIES: N/A
PROGRAMMABLE/PASSIVE: PROGRAMMABLE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: ACCESS NETWORK: xDSL, LONG-HAUL/METRO
LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL

1404-XR-SEWER



The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

Featured Benefits

- Positive identification of underground wastewater facilities
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

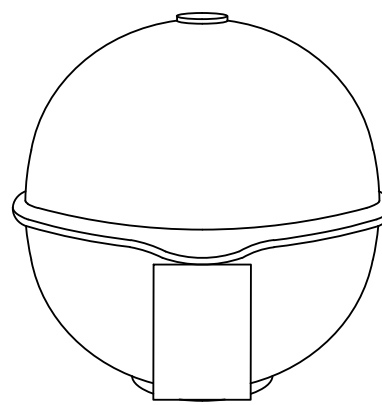
COLOR: GREEN
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
NUMBER OF FREQUENCIES: N/A
PROGRAMMABLE/PASSIVE: PASSIVE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: ACCESS NETWORK: xDSL, LONG-HAUL/METRO
LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL

Specifications

2200RB Rechargeable Battery Not Included
Cable/Pipe Locate No
Carrying Bag Included No
Coupler Size No Coupler
Direct Connect Cable N/A
EMS Caution Tape Finding Capability No
Family 1420 Series
Fault Finding Capability No

2200RB Rechargeable Battery Not Included
Cable/Pipe Locate No
Carrying Bag Included No
Coupler Size No Coupler
Direct Connect Cable N/A
EMS Caution Tape Finding Capability No
Family 1420 Series
Fault Finding Capability No
Locator Type Marker

1428-XR/ID-RECLAIMED



The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

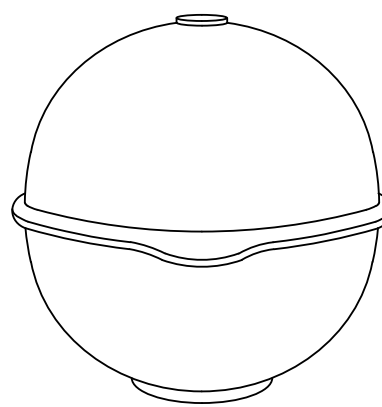
Featured Benefits

- Positive identification of underground general purpose / reclaimed water facilities
- iD Marker allows for programming of customer specific information
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

COLOR: PURPLE
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
NUMBER OF FREQUENCIES: N/A
PROGRAMMABLE/PASSIVE: PROGRAMMABLE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: ACCESS NETWORK: xDSL, LONG-HAUL/METRO
LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL

1408-XR-RECLAIMED



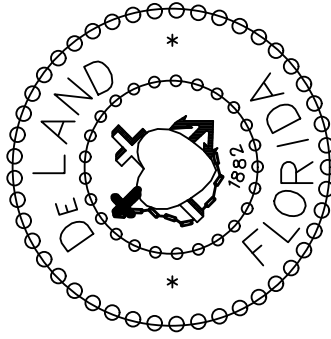
The 3M™ EMS Extended-Range Ball Markers have a self-leveling design providing accurate, horizontal position regardless of how it is placed in the ground, making the job of precisely locating underground facilities easier.

Featured Benefits

- Positive identification of underground general purpose facilities
- Unique self leveling design simplifies installation
- No external power source needed
- Resistant to elements
- 5 foot (1.5 meter) detection distance
- Color conforms to APWA standards

SPECIFICATIONS:

COLOR: PURPLE
DIAMETER (METRIC): 10.4 CM
EMS CAUTION TAPE FINDING CAPABILITY: N/A
MARKER DEPTH: 5 FEET (1.5M)
MARKER DIMENSION (INCH): 4 INCH DIAMETER
MARKER TYPE: BALL
NUMBER OF FREQUENCIES: N/A
PROGRAMMABLE/PASSIVE: PASSIVE
RANGE: 0 TO 5 LINEAR FOOT
RoHS 2011/65/EU Compliant: UNDETERMINED
RoHS EU Comments: ACCESS NETWORK: FTTH/FTTB/CATV
Solution for: ACCESS NETWORK: xDSL, LONG-HAUL/METRO
LOOP NETWORK: OUTDOOR
WIRELESS NETWORK: BACKHAUL



CITY OF DELAND, FLORIDA
1102 S. GARFIELD AVENUE, DELAND, FLORIDA 32724

DATE: 11/07/2022
CHECKED BY: ERIC M. SAMPSON
SCALE: NOT TO SCALE
DRAWN BY: MARK LA GRECA

UTILITY MARKER BALL LOCATORS

TITLE:

drive letter/details locations

MADDEN
CIVIL ENGINEERS
431 E. Horatio Avenue
Suite 260
Maitland, Florida 32751
(407) 629-8330

CITY DETAILS
FOR
SUMMIT PLACE
CITY OF DELAND
FLORIDA

DR. HORTON
10192 DOWEN ROAD
ORLANDO, FL 32832
(407) 850-5200

ENGINEER BENJAMIN S. BECKHAM
LICENSE NO. 79452
STATE OF FLORIDA
DATE EXPIRES 06/30/24
CERTIFICATE OF AUTHORIZATION NO. CA-0007723

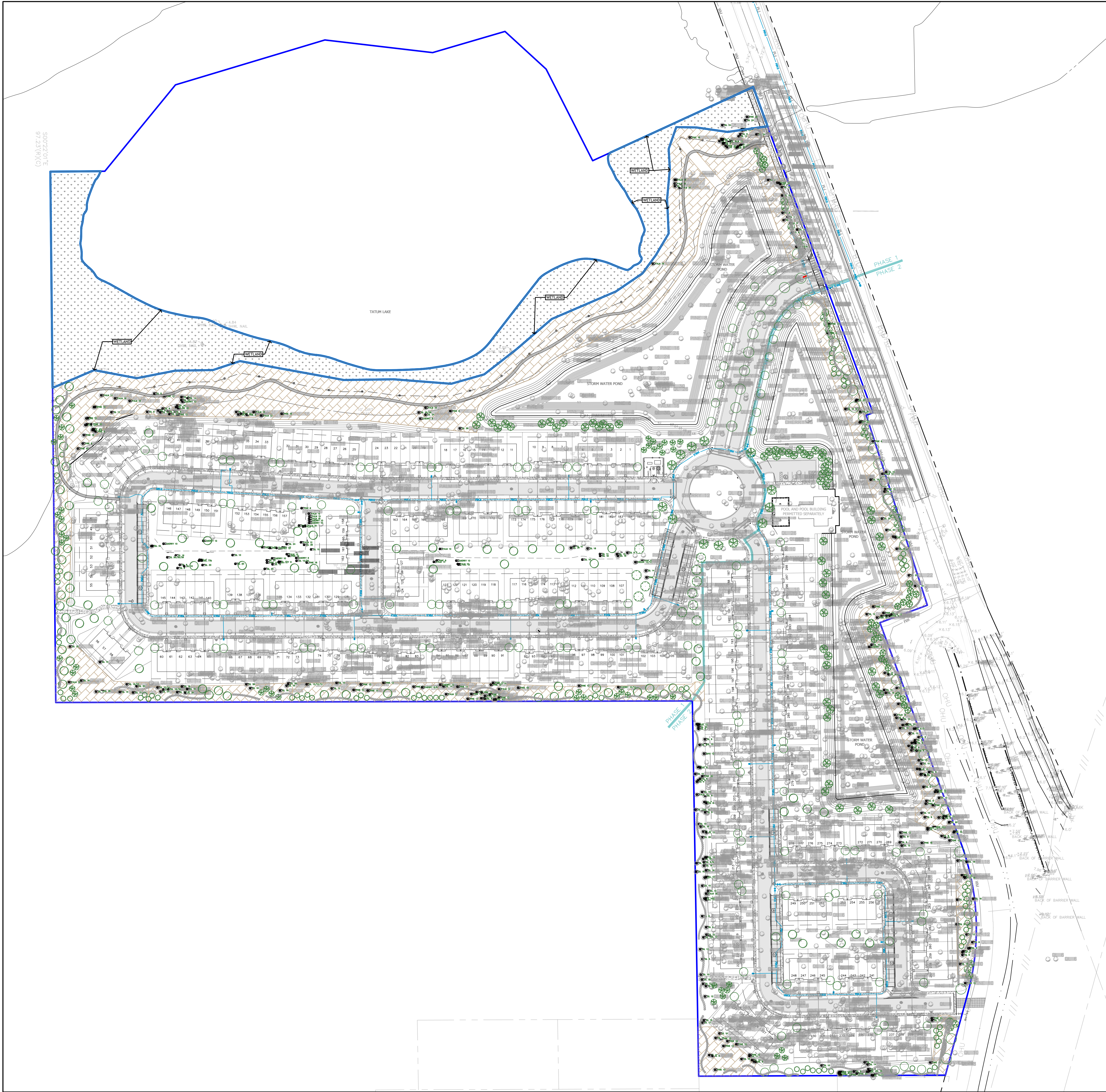
1	2	3	4	5	6	7	8	9	10	11	DATE	REVISIONS
3/16/23												
REV. PER CITY OF DELAND COMMENTS DATED:												

JOB # 21086
DATE: 02/20/23
SCALE: N/A
DESIGNED BY: JTT
DRAWN BY: JTT
APPROVED BY: BSB

C918

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6/11/2024 6:06:15 PM



INDEX OF DRAWINGS

SHEET NO.	DESCRIPTION
L0	OVERALL PLAN AND SHEET INDEX
TP 1	TREE PROTECTION PLAN'
TP 2	TREE PROTECTION PLAN'
TP 3	TREE PROTECTION PLAN'
H1	HARDSCAPE PLAN
H2	HARDSCAPE PLAN
H3	HARDSCAPE PLAN
H4	HARDSCAPE DETAILS
L1	LANDSCAPE PLAN
L2	LANDSCAPE PLAN
L3	LANDSCAPE PLAN
L4	LANDSCAPE PLAN
L5	LANDSCAPE PLAN
L6	LANDSCAPE PLAN
L7	LANDSCAPE PLAN
L8	LANDSCAPE PLAN
L9	LANDSCAPE NOTES AND SCHEDULE
L10	LANDSCAPE DETAILS
IR1	IRRIGATION PLAN
IR2	IRRIGATION PLAN
IR3	IRRIGATION PLAN
IR4	IRRIGATION PLAN
IR5	IRRIGATION PLAN
IR6	IRRIGATION PLAN
IR7	IRRIGATION PLAN
IR8	IRRIGATION PLAN
IR9	IRRIGATION SCHEDULES AND CHARTS
IR10	IRRIGATION SCHEDULES AND CHARTS
IR11	IRRIGATION DETAILS
IR12	IRRIGATION DETAILS

IRRIGATION PLANS INCLUDED



MD

MagleyDesign

Landscape Architecture
Site Planning
Project Management

Digitally signed by MARY K MAGLEY Date: 2024.06.19 21:58:31

Seal

1375

STATE OF FLORIDA

MARY KATHERINE MAGLEY, P.L.A. 1375

REVISION NUMBER	DESCRIPTION	DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED
FEBRUARY 17, 2023 FEBRUARY 20, 2024 APRIL 30, 2024
CITY OF DELAND CITY OF DELAND CITY OF DELAND

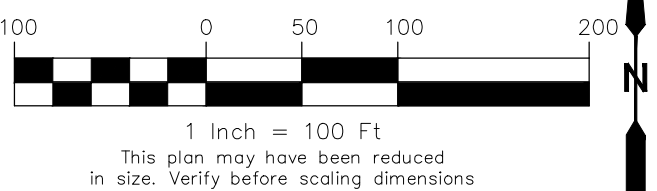
**SUMMIT PLACE
DeLand/DR Horton**

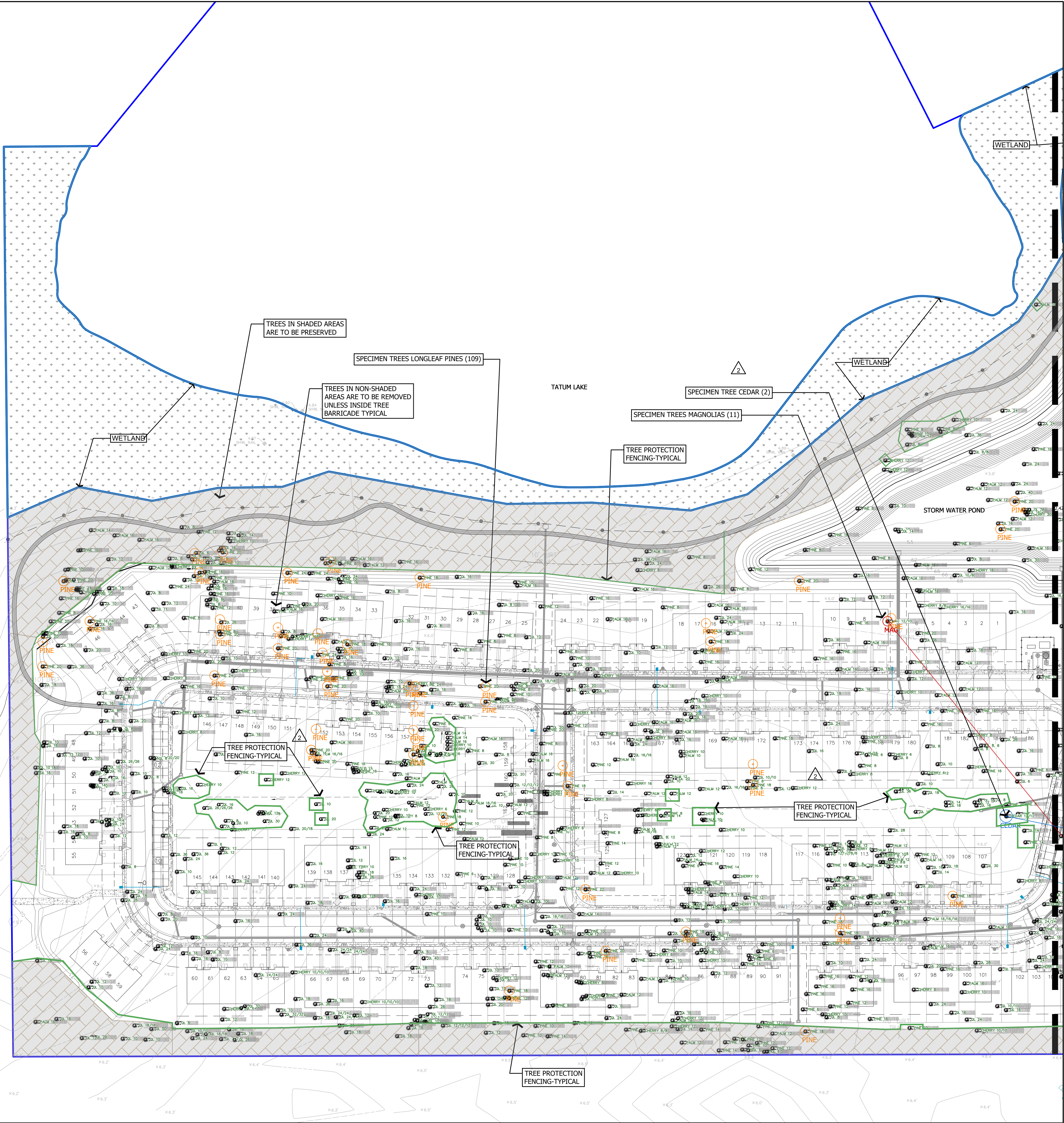
OVERALL PLAN

PROJECT NUMBER:	MD#2303
DATE:	JANUARY 17, 2023
DRAWN BY:	MD
CHECKED BY:	MD

SCALE AS INDICATED

L0



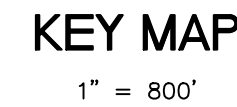


PINE 14

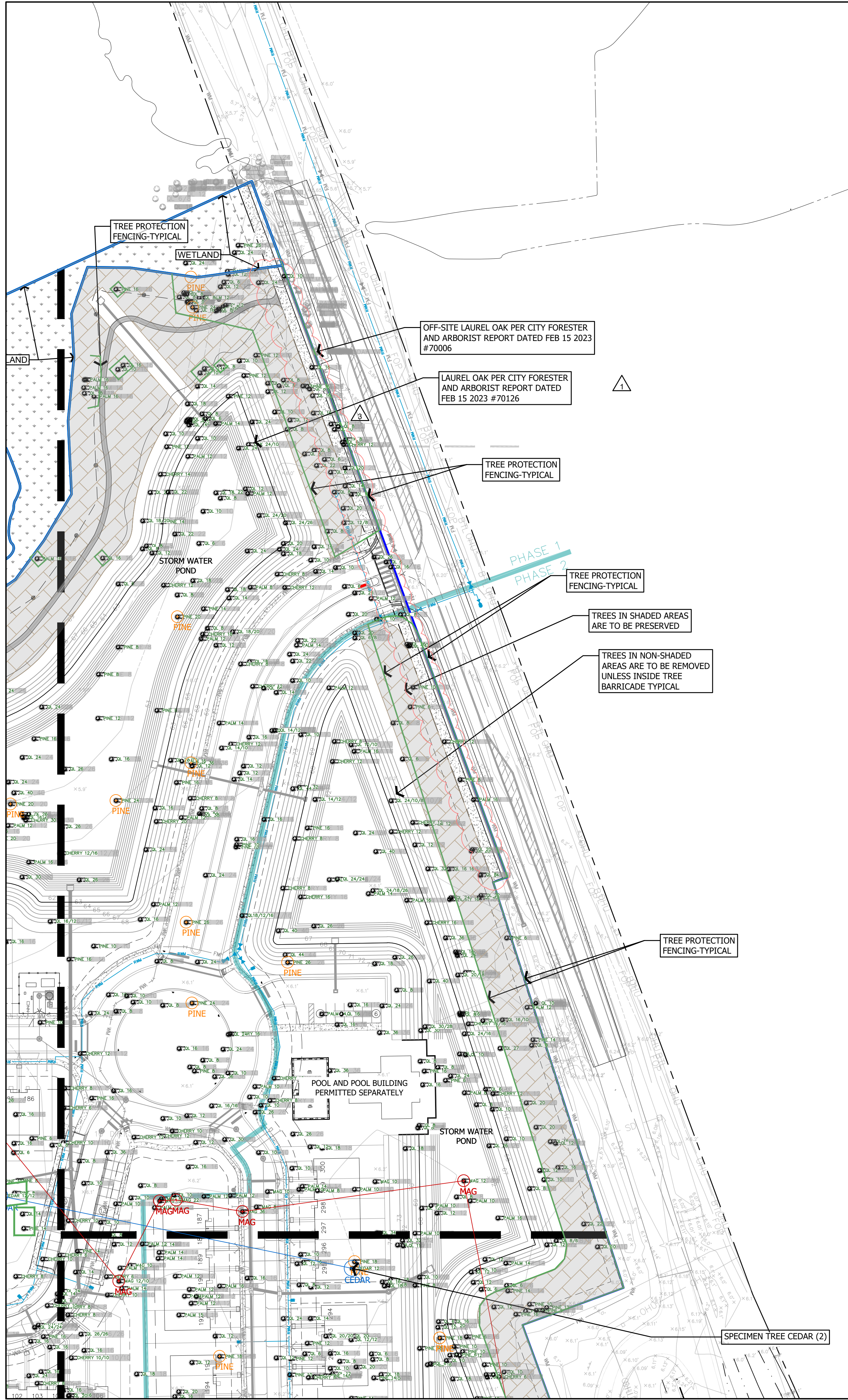
- EXISTING TREE/SPECIES/DBH TO REMAIN SHOWN IN SHADED AREA ON THE PLAN OR INSIDE TREE BARRICADE FENCING**
- HISTORIC TREE (0 ON SITE)**
- SPECIMEN MAGNOLIA TREES (11 ON SITE)/10 REMOVED**
- SPECIMEN OAK TREES (2 SAND LIVE) (2 TOTAL)/2 REMOVED**
- SPECIMEN LONG LEAF PINE TREES (109 ON SITE)/83XXXXX REMOVED**
- SPECIMEN CEDAR TREES (2 ON SITE)/1 REMOVED**
- EXISTING TREE/SPECIES/DBH REMOVED**
- WETLANDS**
- TREE PROTECTION AREA**

The map includes several symbols: a green circle with a crosshair for existing trees; a blue circle with a crosshair for historic trees; a red circle with a plus sign for Magnolia trees; a purple circle with a dot for Oak trees; an orange circle with a vertical line for Long Leaf Pine trees; and a blue circle with a star for Cedar trees. A shaded area indicates trees to remain, while a hatched area indicates trees to be removed. Wetlands are shown as a light blue wavy pattern, and the Tree Protection Area is outlined in blue.

1. NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.



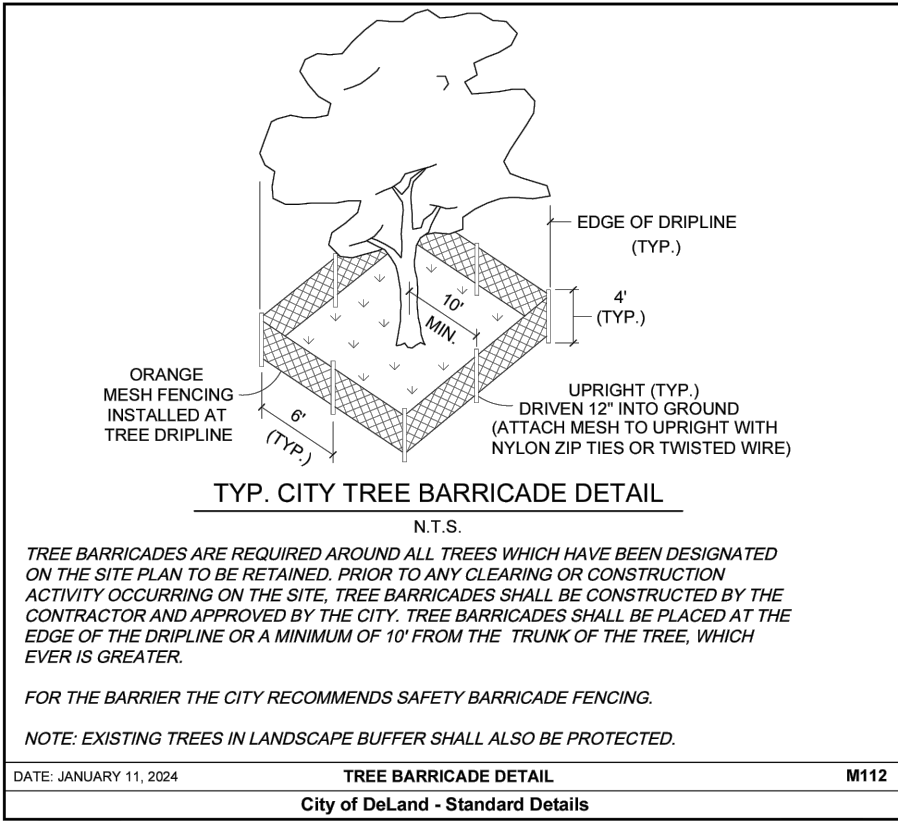
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TREE PROTECTION REQUIREMENTS
~Per City of DeLand Land Development Code, Section 33-57.05,
~Protected trees are considered to be:
6" DBH and greater
Palm (5' clear trunk)
~And replaced at 1/3 of DBH inches
~Specimen trees are considered to be:
Live Oak (min. 10" DBH and greater)
Sand Live Oak (min. 10" DBH and greater)
Turkey Oak (min. 12" DBH and greater)
Loblolly Bay (min. 12" DBH and greater)
Longleaf Pine (min. 18" DBH and greater)
Magnolia (min. 12" DBH and greater)
Cedar, Eastern Red (min. 12" DBH and greater)
Cedar, Southern Red (min. 12" DBH and greater)
~And replaced at 50% of DBH inches
~Historic trees are considered to be:
Live Oak (min. 25" DBH and greater)
Sand Live Oak (min. 25" DBH and greater)
Bald Cypress (min. 20" DBH and greater)
Red Cedar (min. 25" DBH and greater)
~And replaced at 100% of DBH inches
~Laurel Oaks = > than 20" DBH and in deteriorating condition will be replaced at 1:1 with a 2" min DBH tree

THE TREE PRESERVATION AREAS MAY REQUIRE SELECTIVE PRUNING OF DEAD AND BROKEN BRANCHES AND THE REMOVAL OF UNSAFE BRANCHES/TREES. THE OWNER'S REPRESENTATIVE WILL COORDINATE WITH THE CONTRACTOR ANY REQUIRED TREE PRESERVATION WORK.

PINE STRAW MULCH (6" THICK LOOSE) SHALL BE PLACED AT THE BASE OF ALL SINGLE EXISTING TREES IN A 4' DIAMETER. AT CLUSTERS OF EXISTING TREES THE PINE STRAW SHALL BE PLACED IN A LARGER AREA TO INCLUDE THE TREE TRUNKS AND THE PINE STRAW AREA SHALL BE A NATURAL SHAPE.
BAHIA SOD IS REQUIRED IN ALL OPEN AREAS.

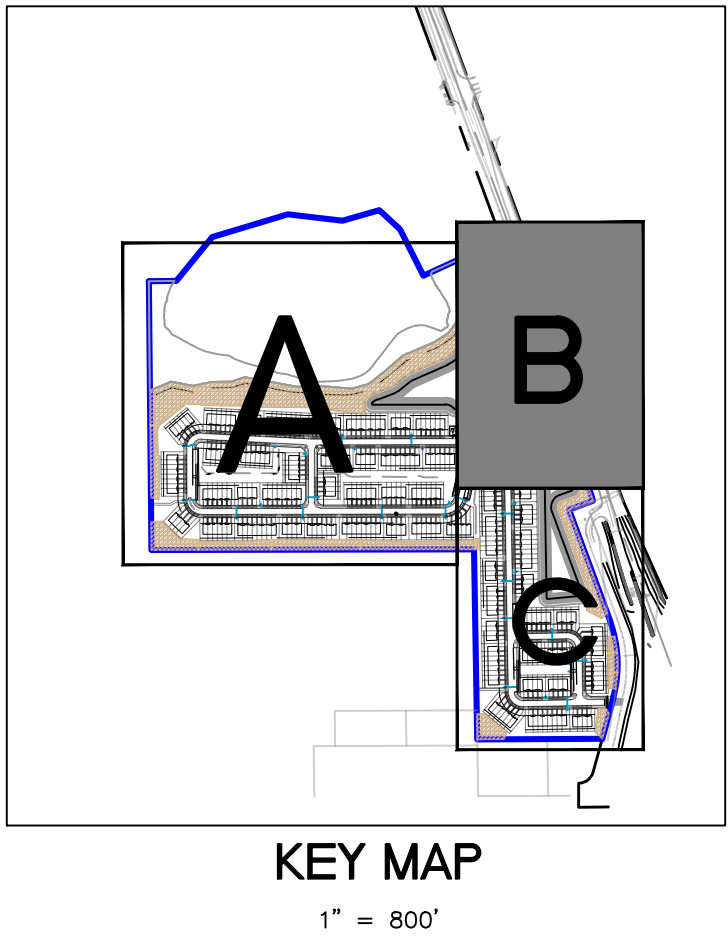
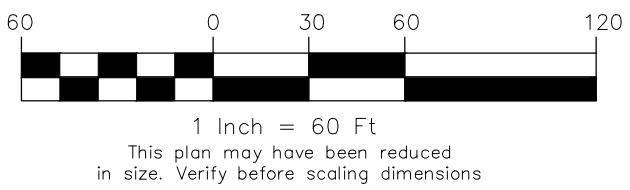


LEGEND

- TREE BARRICADE-TYPICAL
REFER TO DETAIL
- EXISTING TREE/SPECIES/DBH TO REMAIN
SHOWN IN SHADED AREA ON THE PLAN OR
INSIDE TREE BARRICADE FENCING
- HISTORIC TREE
(0 ON SITE)
- SPECIMEN MAGNOLIA TREES
(11 ON SITE)/10 REMOVED
- SPECIMEN OAK TREES (2 SAND LIVE)
(2 TOTAL)/2 REMOVED
- SPECIMEN LONG LEAF PINE TREES
(109 ON SITE)/83XXXXX REMOVED
- SPECIMEN CEDAR TREES
(2 ON SITE)/1 REMOVED
- EXISTING TREE/SPECIES/DBH REMOVED
- WETLANDS
- TREE PROTECTION AREA

- NOTES:
- NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.

"SUNSHINE STATE ONE CALL
OF FLORIDA, INC."
1-800-432-4770
WWW.CALLSUNSHINE.COM
REQUIRED BY FLORIDA STATUTE 553.851
A MIN. OF 2 DAYS AND A MAX. OF 5 DAYS
BEFORE YOU EXCAVATE, YOU ARE TO NOTIFY
SUNSHINE STATE ONE CALL OF FLORIDA
SEE EXCAVATION GUIDE, LATEST EDITION



MDMagleyDesign

Landscape Architecture
Site Planning
Project Management
18174 Washington Street • Orlando, FL 32803 • 407.756.9656

Seal

Mary Katherine Magley
State of Florida Lic. No.: LA 0001375

REVISIONS		
REVISION NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED
FEBRUARY 17, 2023
FEBRUARY 20, 2024
APRIL 30, 2024
CITY OF DELAND
CITY OF DELAND
CITY OF DELAND

SUMMIT PLACE
DeLand/DR Horton

TREE PROTECTION PLAN

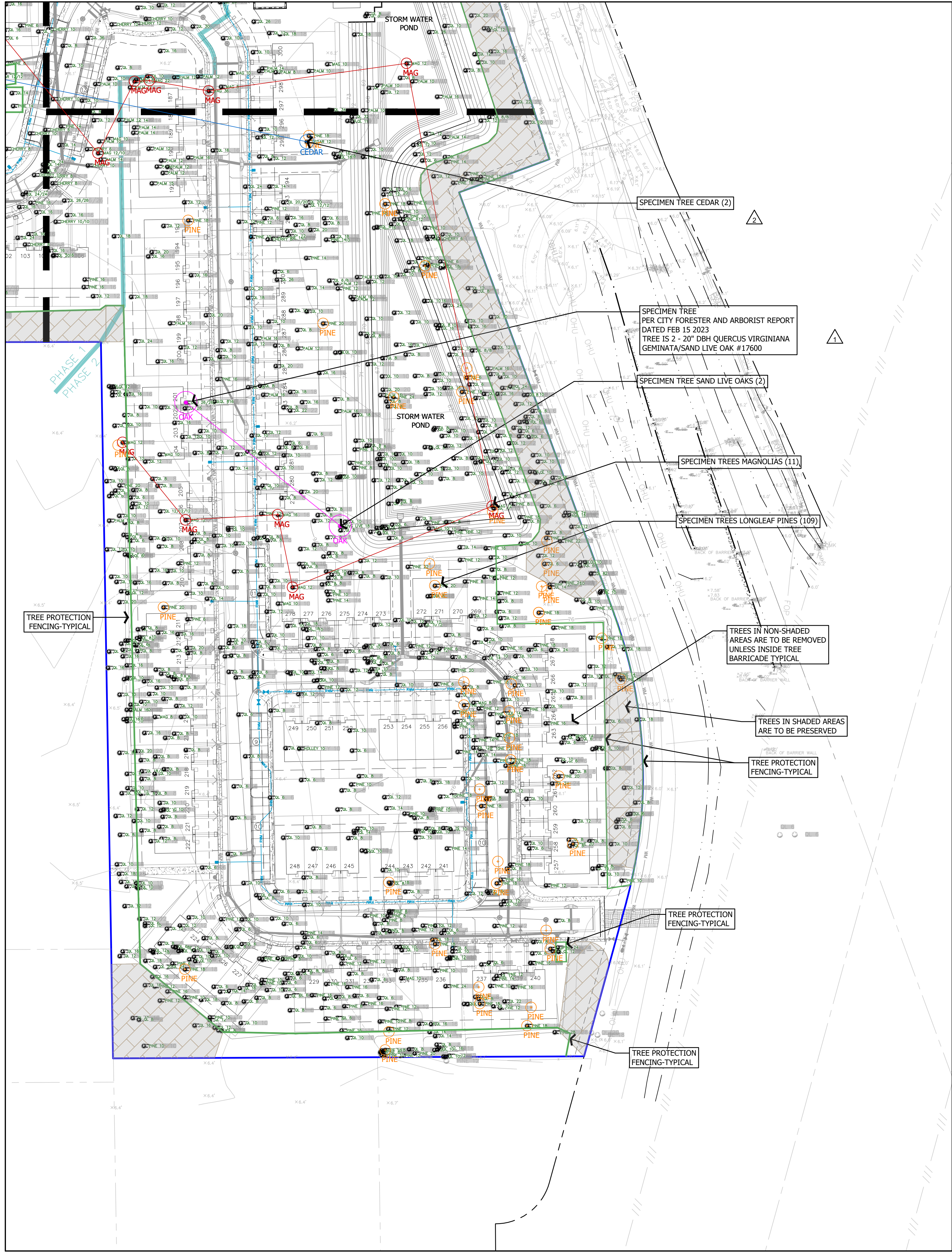
PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

T2

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6/11/2024 6:08:06 PM

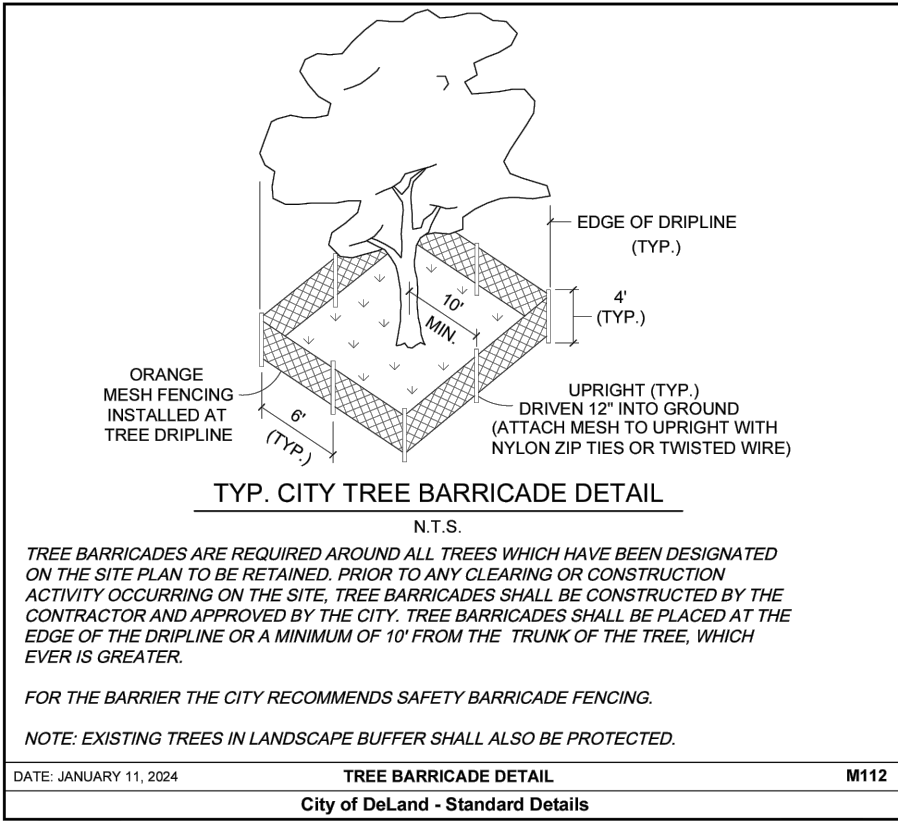


TREE PROTECTION REQUIREMENTS
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6" DBH and greater
Palm (5' clear trunk)
~And replaced at 1/3 of DBH inches
~Specimen trees are considered to be:
Live Oak (min. 10" DBH and greater)
Sand Live Oak (min. 10" DBH and greater)
Turkey Oak (min. 12" DBH and greater)
Loblolly Bay (min. 12" DBH and greater)
Longleaf Pine (min. 18" DBH and greater)
Magnolia (min. 12" DBH and greater)
Cedar, Eastern Red (min. 12" DBH and greater)
Cedar, Southern Red (min. 12" DBH and greater)
~And replaced at 50% of DBH inches
~Historic trees are considered to be:
Live Oak (min. 25" DBH and greater)
Sand Live Oak (min. 25" DBH and greater)
Bald Cypress (min. 20" DBH and greater)
Red Cedar (min. 25" DBH and greater)
~And replaced at 100% of DBH inches
~Laurel Oaks = > than 20" DBH and in deteriorating condition will be replaced at 1:1 with a 2" min DBH tree

THE TREE PRESERVATION AREAS MAY REQUIRE SELECTIVE PRUNING OF DEAD AND BROKEN BRANCHES AND THE REMOVAL OF UNSAFE BRANCHES/TREES. THE OWNER'S REPRESENTATIVE WILL COORDINATE WITH THE CONTRACTOR ANY REQUIRED TREE PRESERVATION WORK.

PINE STRAW MULCH (6" THICK LOOSE) SHALL BE PLACED AT THE BASE OF ALL SINGLE EXISTING TREES IN A 4' DIAMETER. AT CLUSTERS OF EXISTING TREES THE PINE STRAW SHALL BE PLACED IN A LARGER AREA TO INCLUDE THE TREE TRUNKS AND THE PINE STRAW AREA SHALL BE A NATURAL SHAPE.

BAHIA SOD IS REQUIRED IN ALL OPEN AREAS.

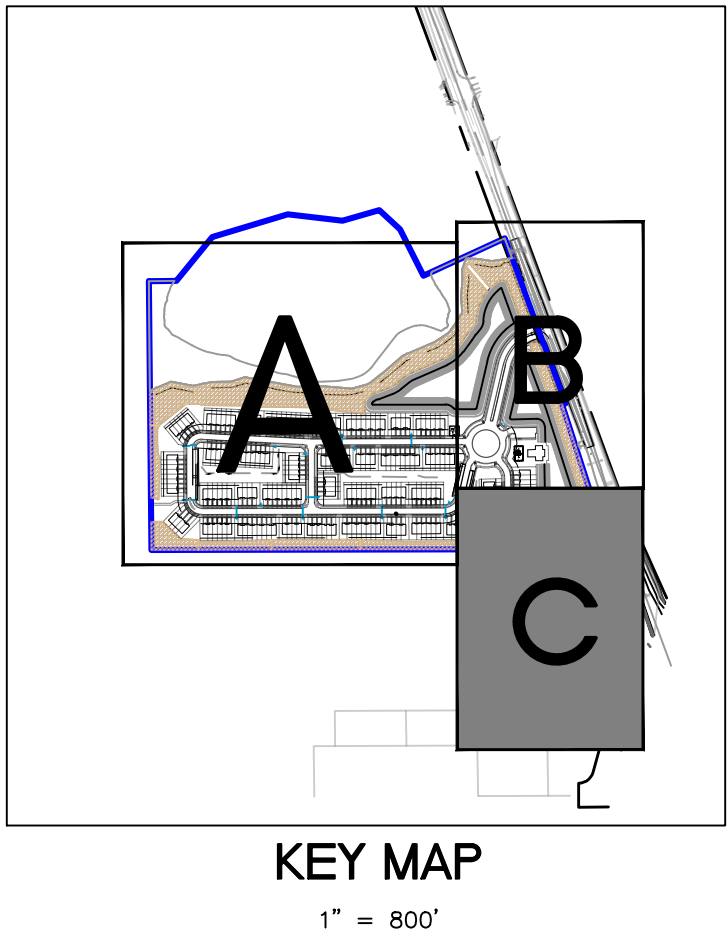
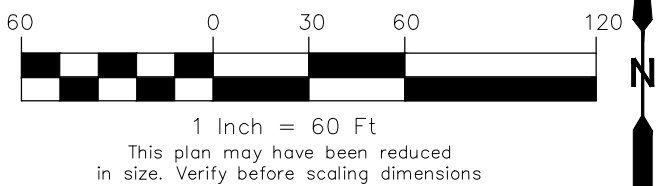


LEGEND

- TREE BARRICADE-TYPICAL REFER TO DETAIL
- PINE 14 EXISTING TREE/SPECIES/DBH TO REMAIN SHOWN IN SHADED AREA ON THE PLAN OR INSIDE TREE BARRICADE FENCING
- HISTORIC TREE (0 ON SITE)
- SPECIMEN MAGNOLIA TREES (11 ON SITE)/10 REMOVED
- SPECIMEN OAK TREES (2 SAND LIVE) (2 TOTAL)/2 REMOVED
- SPECIMEN LONG LEAF PINE TREES (109 ON SITE)/83XXXXX REMOVED
- SPECIMEN CEDAR TREES (2 ON SITE)/1 REMOVED
- EXISTING TREE/SPECIES/DBH REMOVED
- WETLANDS
- TREE PROTECTION AREA

NOTES:
1. NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.

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FEBRUARY 20, 2024	CITY OF DELAND
APRIL 30, 2024	CITY OF DELAND

SUMMIT PLACE
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TREE PROTECTION PLAN

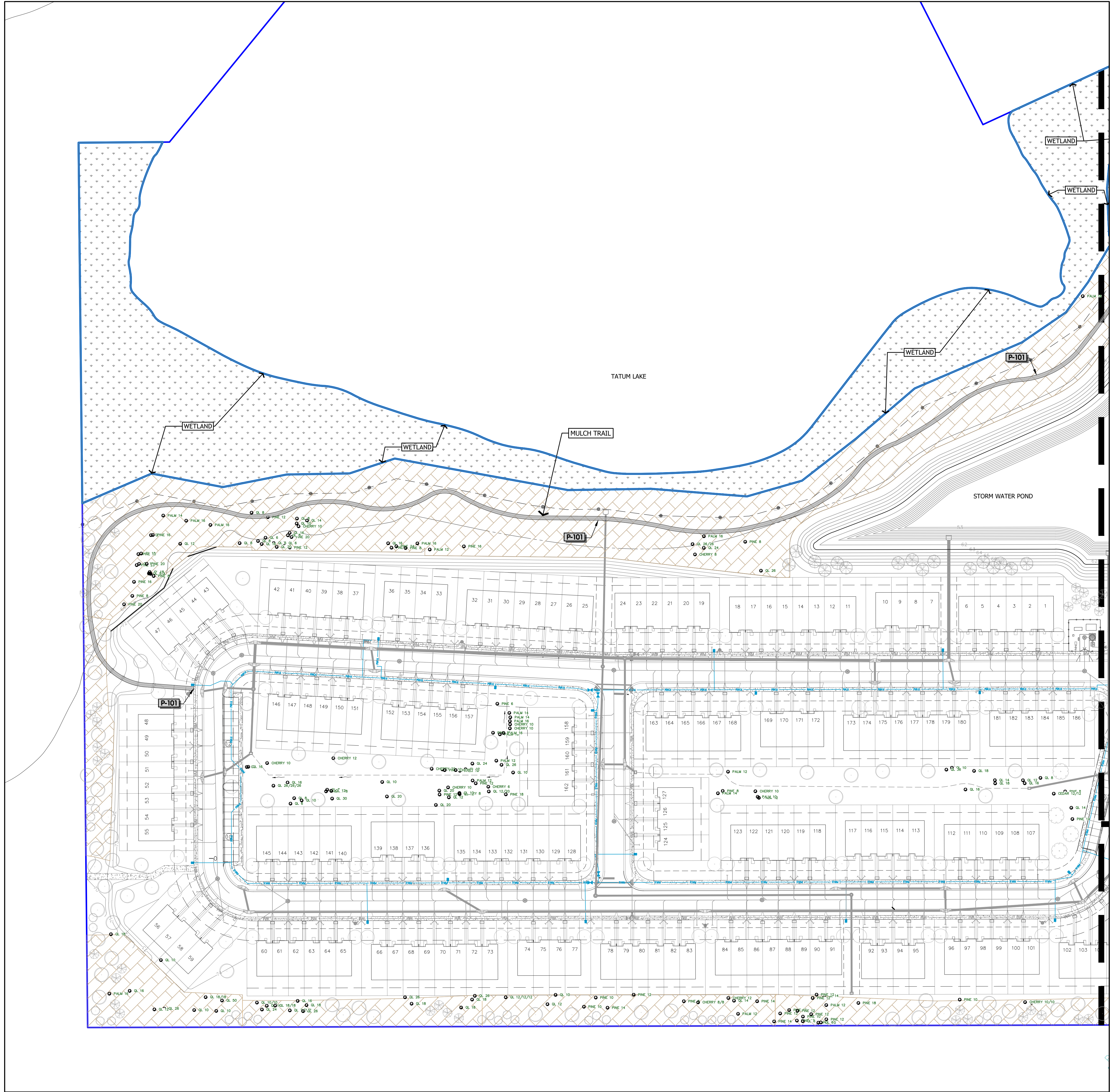
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DRAWN BY: MD
CHECKED BY: MKM

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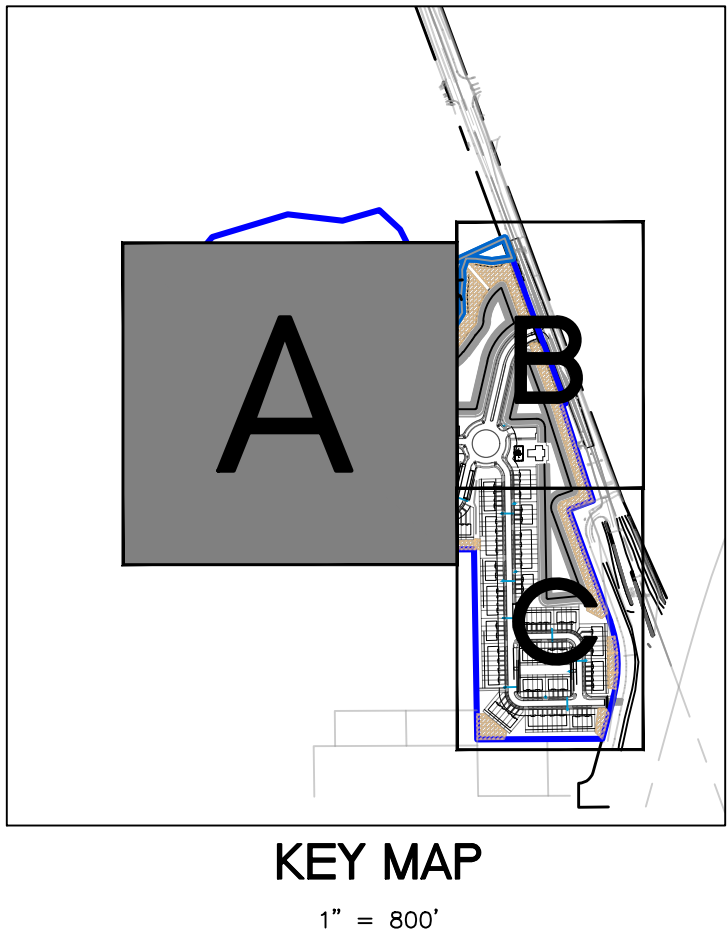
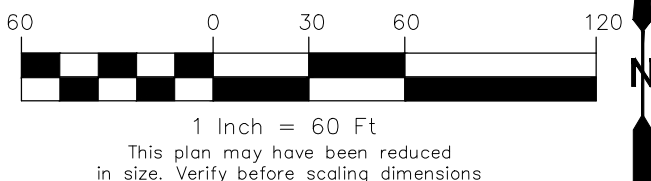
PAVEMENTS SCHEDULE

SYMBOL	DESCRIPTION
P-101	5' WIDE MULCH TRAIL SEE DETAIL AVOID EXISTING TREES WHEN LAYING OUT TRAIL

NOTES:

1. NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.

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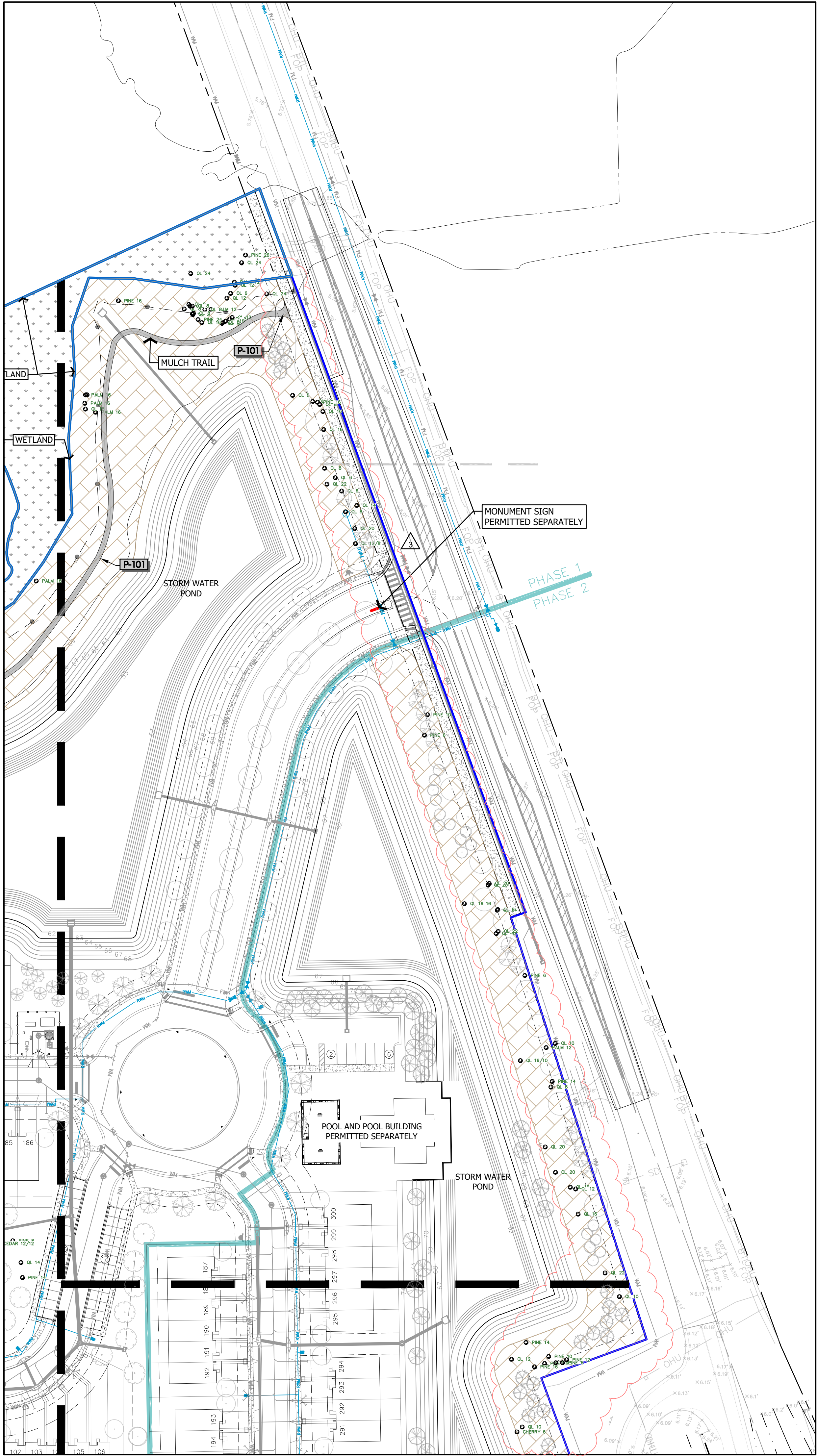
HARDSCAPE PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

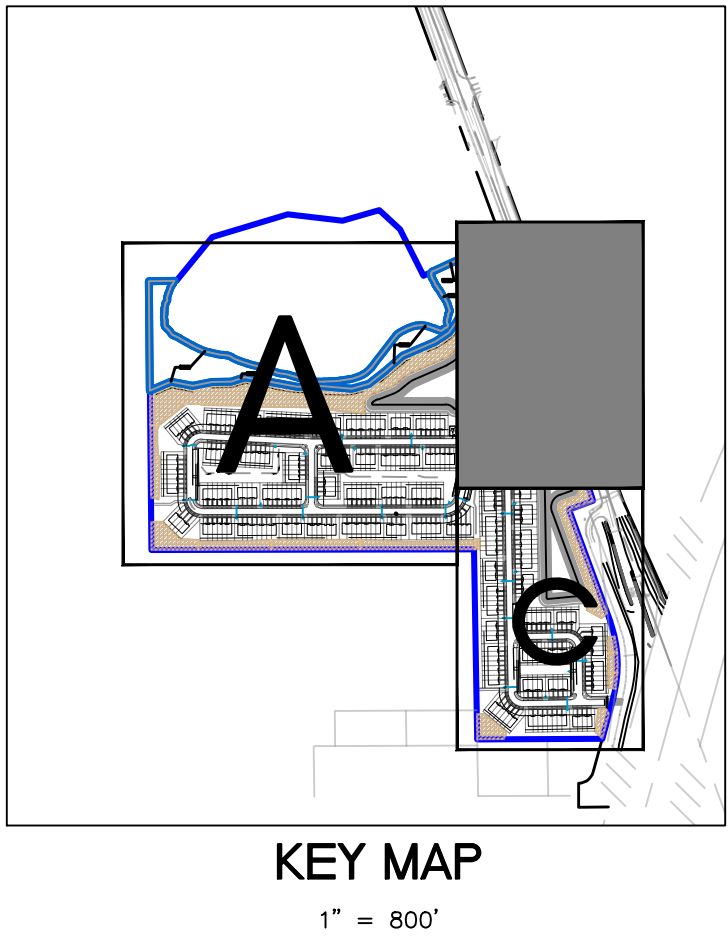
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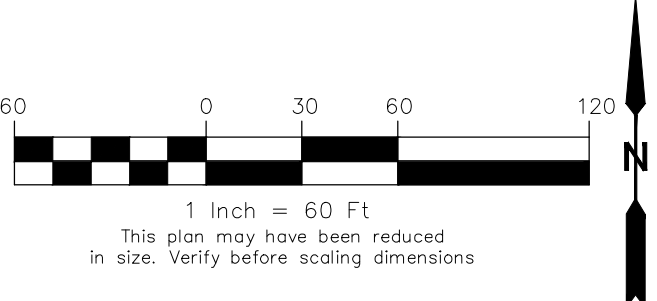
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PAVEMENTS SCHEDULE	
SYMBOL	DESCRIPTION
P-101	5' WIDE MULCH TRAIL SEE DETAIL AVOID EXISTING TREES WHEN LAYING OUT TRAIL

- NOTES:
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SUMMIT PLACE
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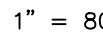
HARDSCAPE PLAN

PROJECT NUMBER:	MD#2303
DATE:	JANUARY 17, 2023
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CHECKED BY:	MMK

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H2

6/11/2024 6:09:09 PM



NOTES:

1. NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.

NOTES:

1. NO CONSTRUCTION ACTIVITY CAN TAKE PLACE WITHIN 1.5 TIMES THE DRIP LINE OF PRESERVED HISTORIC TREES.

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APRIL 30, 2024	CITY OF DELAND

HARDSCAPE PLAN

SCALE AS INDICATED

H3

60 0 30 60 120

1 Inch = 60 Ft

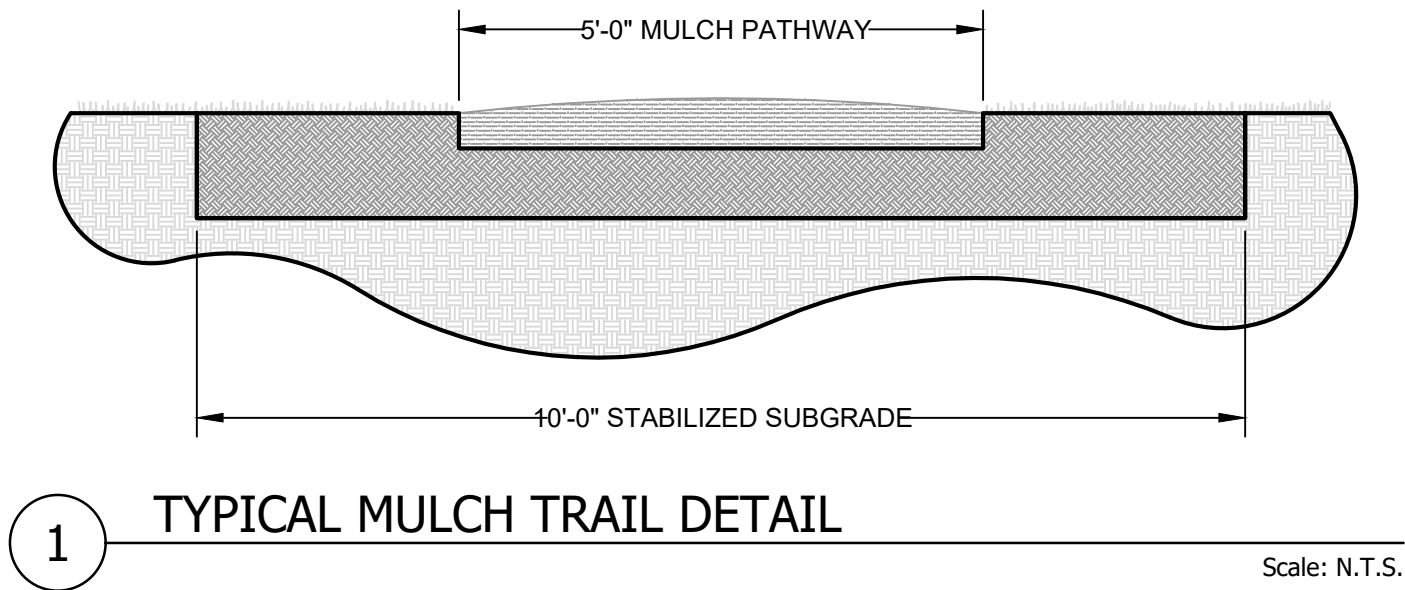
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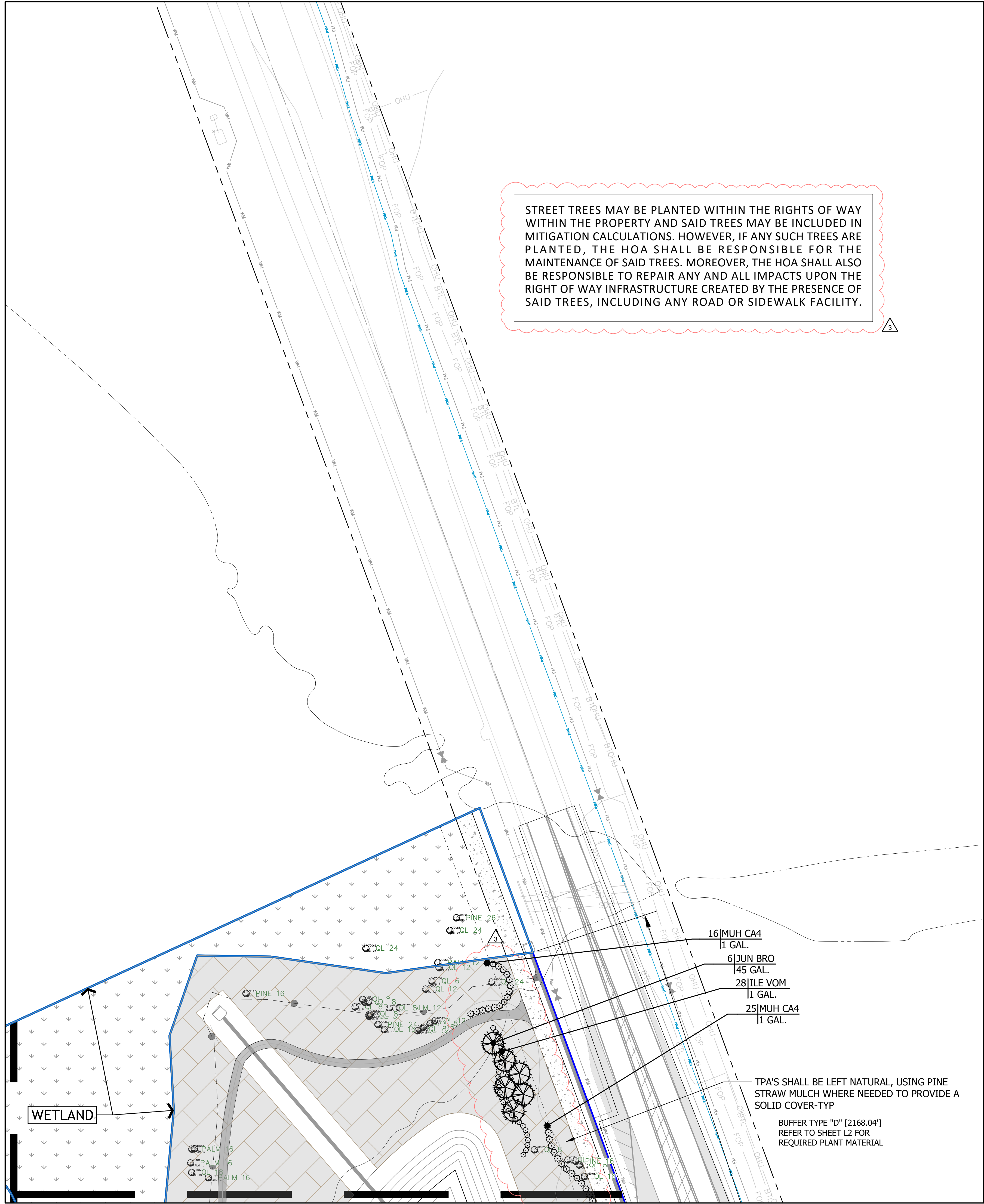
HARDSCAPE DETAILS

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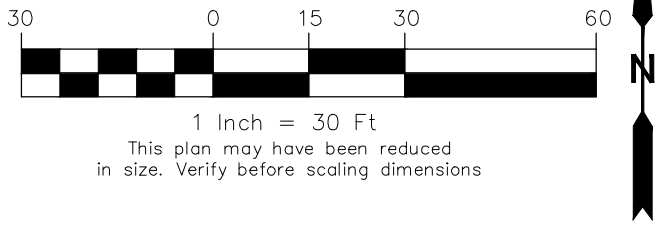
STREET TREES MAY BE PLANTED WITHIN THE RIGHTS OF WAY WITHIN THE PROPERTY AND SAID TREES MAY BE INCLUDED IN MITIGATION CALCULATIONS. HOWEVER, IF ANY SUCH TREES ARE PLANTED, THE HOA SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF SAID TREES. MOREOVER, THE HOA SHALL ALSO BE RESPONSIBLE TO REPAIR ANY AND ALL IMPACTS UPON THE RIGHT OF WAY INFRASTRUCTURE CREATED BY THE PRESENCE OF SAID TREES, INCLUDING ANY ROAD OR SIDEWALK FACILITY.

SUMMIT PLACE BUFFER CALCULATIONS						06 11 2024
WEST PROPERTY LINE						2
BUFFER TYPE C						
663.43 LF						
2" DBH MIN CANOPY TREES						
CANOPY TREES REQUIRED		6.2/100 LF	41.13	43 PROVIDED (2 EXISTING + 41 NEW)		
UNDERSTORY TREES REQD		1.8/100 LF	11.94	12 PROVIDED		
SHRUBS REQUIRED		18/100 LF	119.42	120 PROVIDED		
SOUTH PROPERTY LINE						
BUFFER TYPE C						
1342.83 LF						
2" DBH MIN CANOPY TREES						
CANOPY TREES REQUIRED		6.2/100 LF	83.26	83 PROVIDED (51 EXISTING + 32 NEW)		
UNDERSTORY TREES REQD		1.8/100 LF	24.17	24 PROVIDED		
SHRUBS REQUIRED		18/100 LF	241.71	242 PROVIDED		
WEST PROPERTY LINE						
BUFFER TYPE C						
791.66 LF						
4" DBH MIN CANOPY TREES						
CANOPY TREES REQUIRED		5.2/100 LF	41.17	41 PROVIDED (60 EXISTING)		
UNDERSTORY TREES REQD		2.2/100 LF	17.42	17 PROVIDED (USING EXCESS EXISTING TREES)		
SHRUBS REQUIRED		22/100 LF	174.17	174 PROVIDED		
SOUTH PROPERTY LINE						
BUFFER TYPE C						
520.33 LF						
3" DBH MIN CANOPY TREES						
CANOPY TREES REQUIRED		5.6/100 LF	29.14	29 PROVIDED (23 EXISTING + 6 NEW)		
UNDERSTORY TREES REQD		2.0/100 LF	10.41	10 PROVIDED		
SHRUBS REQUIRED		20/100 LF	104.07	104 PROVIDED		
EAST PROPERTY LINE						
BUFFER TYPE D						
2168.04 LF (1064.9+106.54+496.16+323.13+177.31)						
4" DBH MIN CANOPY TREES						
CANOPY TREES REQUIRED		7.2/100 LF	156.10	156 PROVIDED (133 EXISTING + 23 NEW)		
UNDERSTORY TREES REQD		4.0/100 LF	86.72	87 PROVIDED		
SHRUBS REQUIRED		30/100 LF	650.41	650 PROVIDED		

SUMMIT PLACE SUMMARY TABLE					JUNE 11 2024
PRESERVED TREES					REV 3
SPECIMEN					
PROTECTED					
443 TREES TOTAL PRESERVED TREES					5713 TOTAL RETAINED INCHES
REMOVED TREES					
SPECIMEN					
PROTECTED					
1884 TREES TOTAL REMOVED TREES					28979 TOTAL REMOVED INCHES
PROPOSED TREES					
SPECIMEN					
PROPOSED					
1319 TREES TOTAL PROPOSED TREES					1319
DIFFERENCE IN INCHES REQUIRED AND PROPOSED					8014
@ \$75.00/INCH					\$601,075.00
LESS MITIGATION FOR \$1 LAUREL OAKS IN POOR HEALTH					(\$23,550)
PAYMENT REQUIRED TO THE TREE REPLACEMENT RESERVE ACCOUNT					\$577,525.00

SUMMIT PLACE TREE COVERAGE CALCULATIONS					6/11/2024
SUMMIT PLACE					REV 3
TREE COVERAGE					06 11 2024
PROJECT AREA					
LAKE					
WETLAND					
LOT SIZE					
TREE PRESERVATION					
MINIMUM TREE COVERAGE WHEN SITE CONTAINS AN INSUFFICIENT AMOUNT OF EXISTING TREES 1 TREE/2500 SF OF LOT/PARCEL					
TREES					
RETAINED (CREDIT):					
PROPOSED:					
TREE COVERAGE:					
PROPOSED AND RETAINED:					

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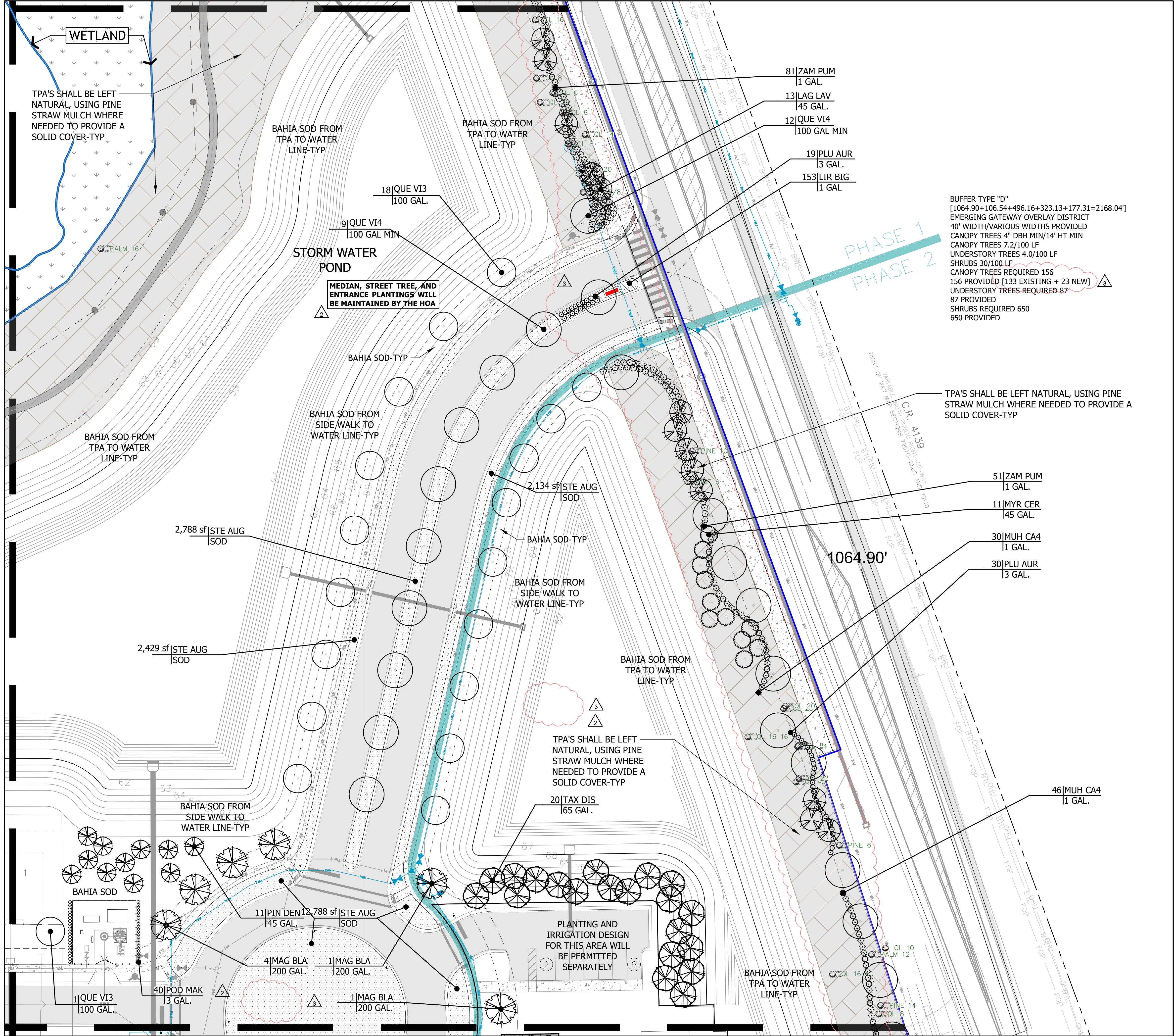
PLANTING PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
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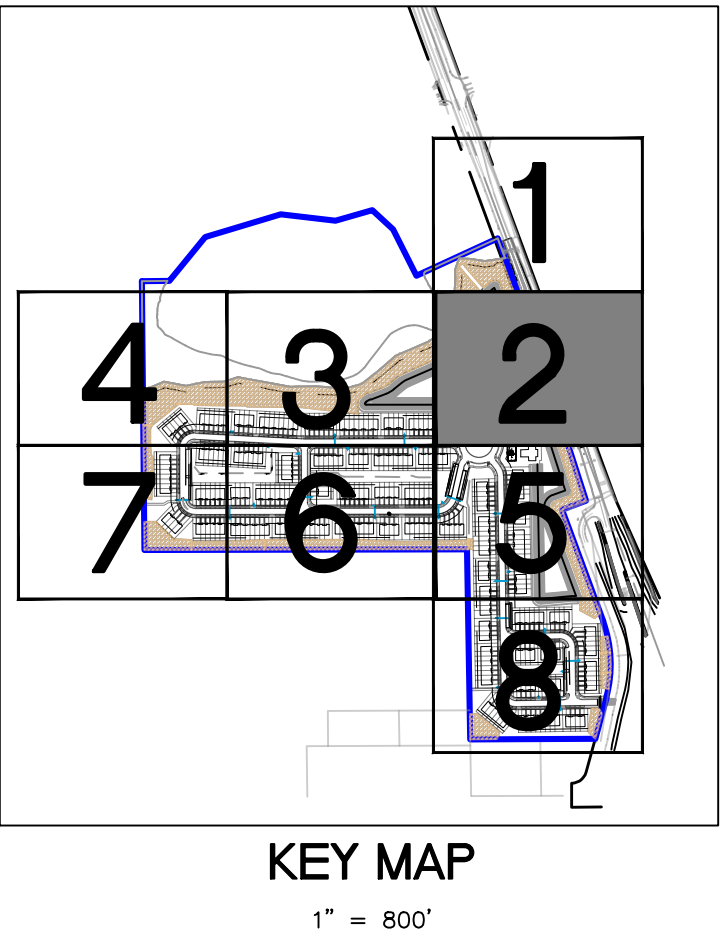
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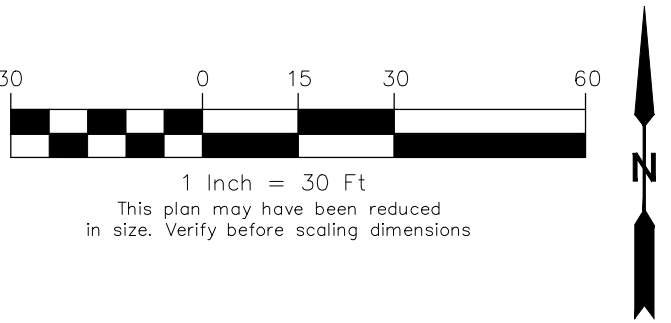
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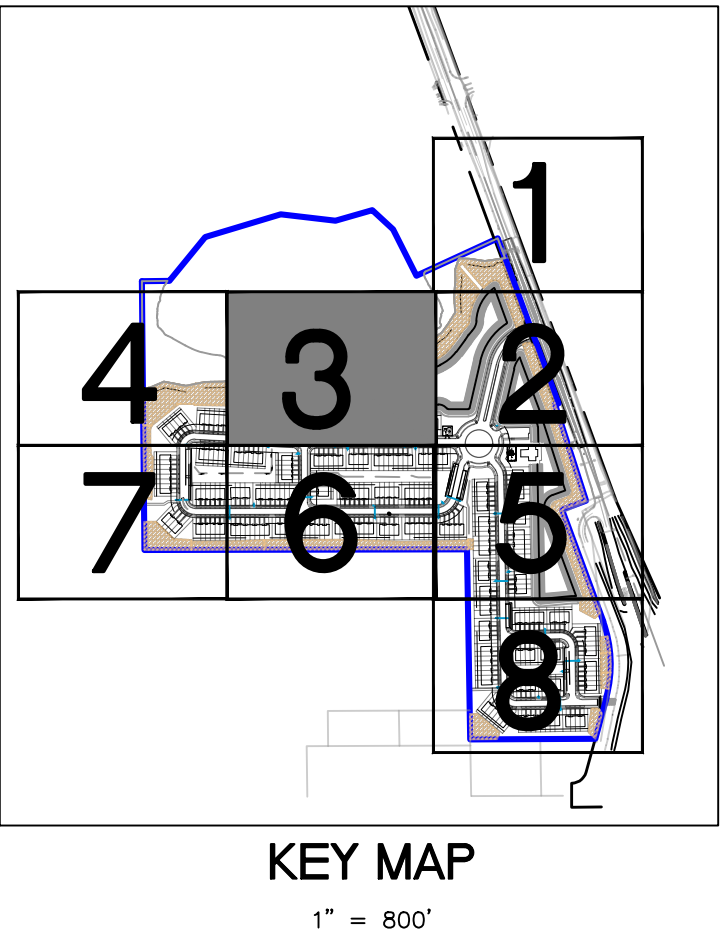
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TATUM LAKE

WETLAND

TPA'S SHALL BE LEFT NATURAL, USING PINE STRAW MULCH WHERE NEEDED TO PROVIDE A SOLID COVER-TYP

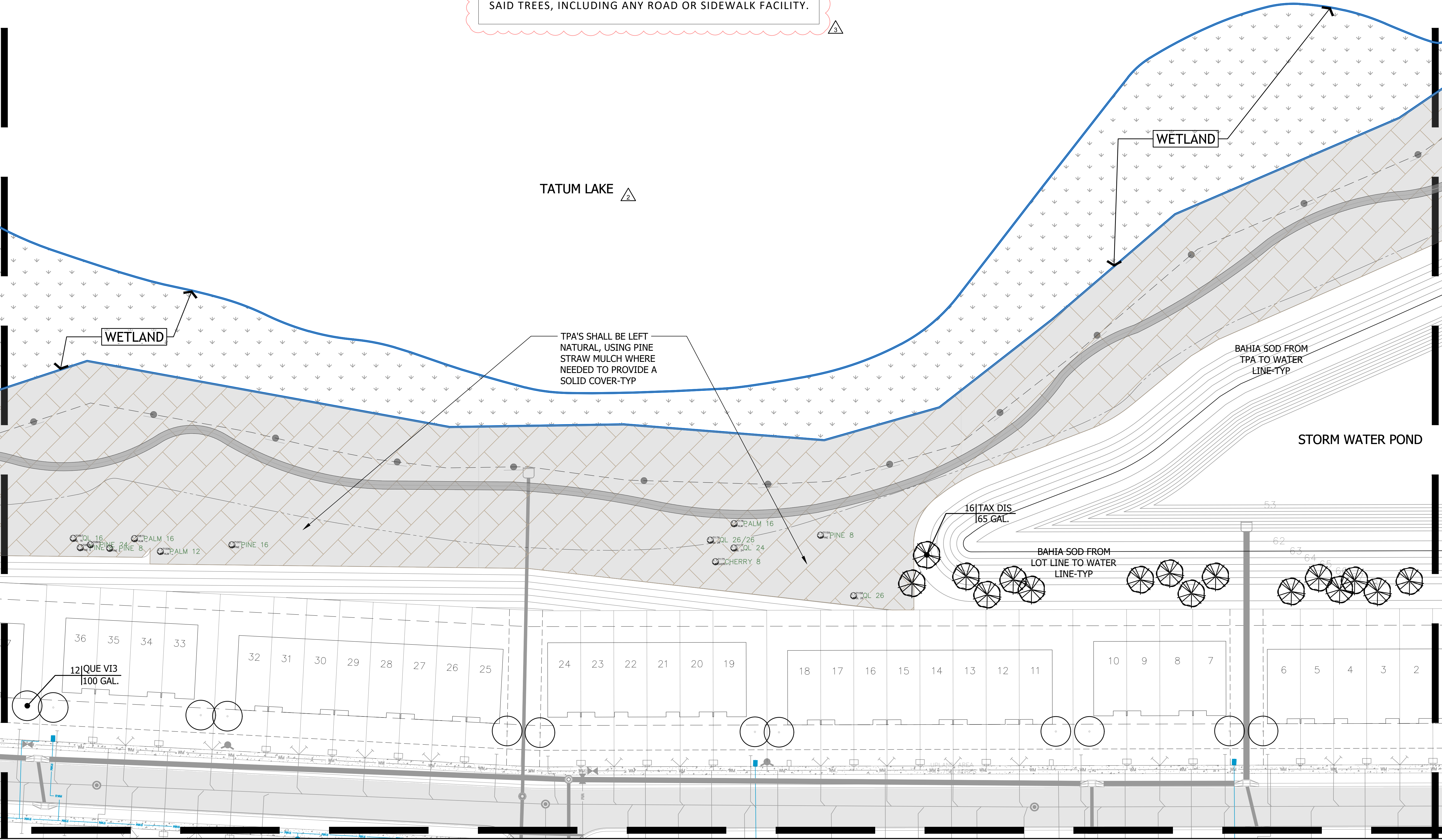
BAHIA SOD FROM TPA TO WATER LINE-TYP

STORM WATER POND

12|QUE VI3
100 GAL.

16|TAX DIS
165 GAL.

BAHIA SOD FROM LOT LINE TO WATER LINE-TYP



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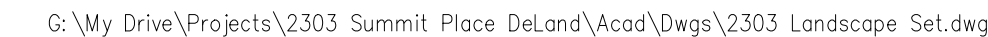
**SUMMIT PLACE
DeLand/DR Horton**

PLANTING PLAN

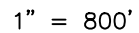
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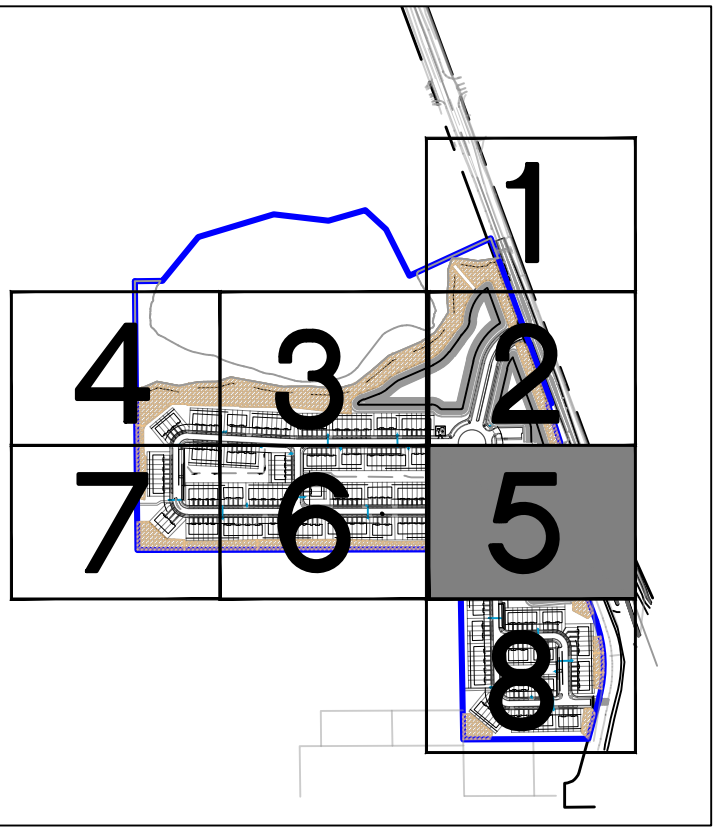
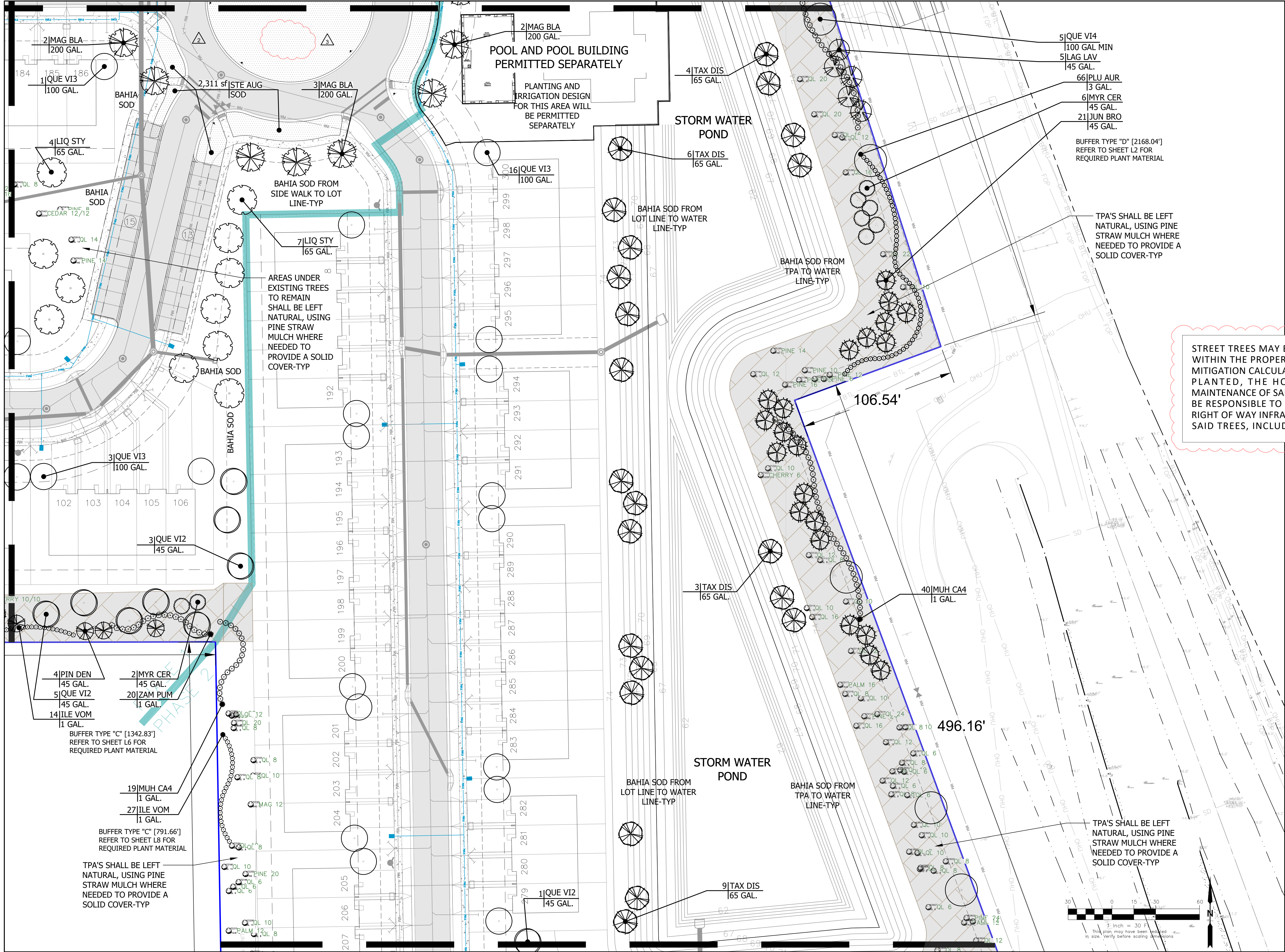
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STREET TREES MAY BE PLANTED WITHIN THE RIGHTS OF WAY
WITHIN THE PROPERTY AND SAID TREES MAY BE INCLUDED IN
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Landscape Architecture
Site Planning
Project Management
1817 E. Washington Street • Orlando, FL 32803 • 407.726.5956

Seal

Mary Katherine Magley
State of Florida Lic. No.: LA 0001375

REVISIONS		
REVISION NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED

FEBRUARY 17, 2023
FEBRUARY 20, 2024
APRIL 30, 2024

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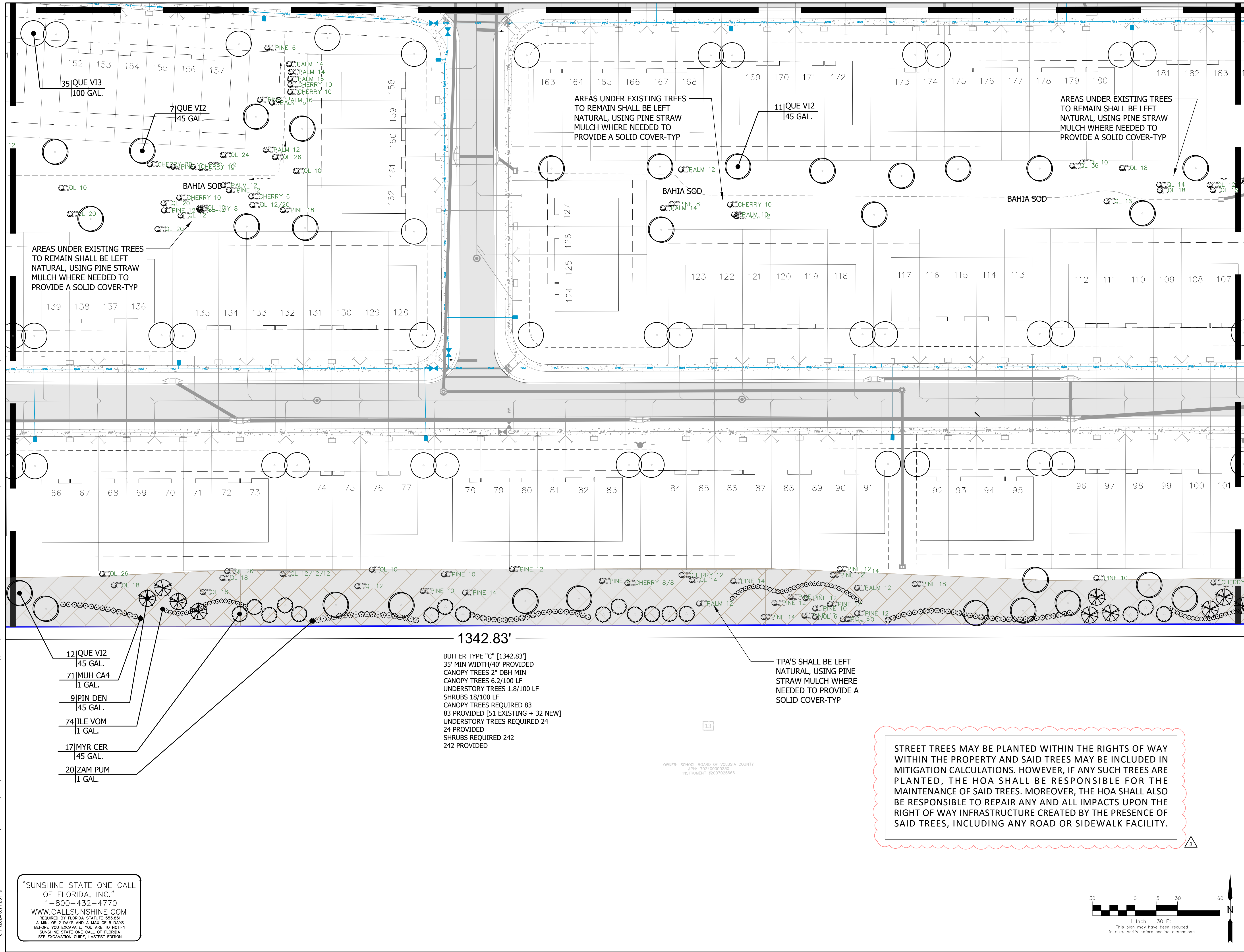
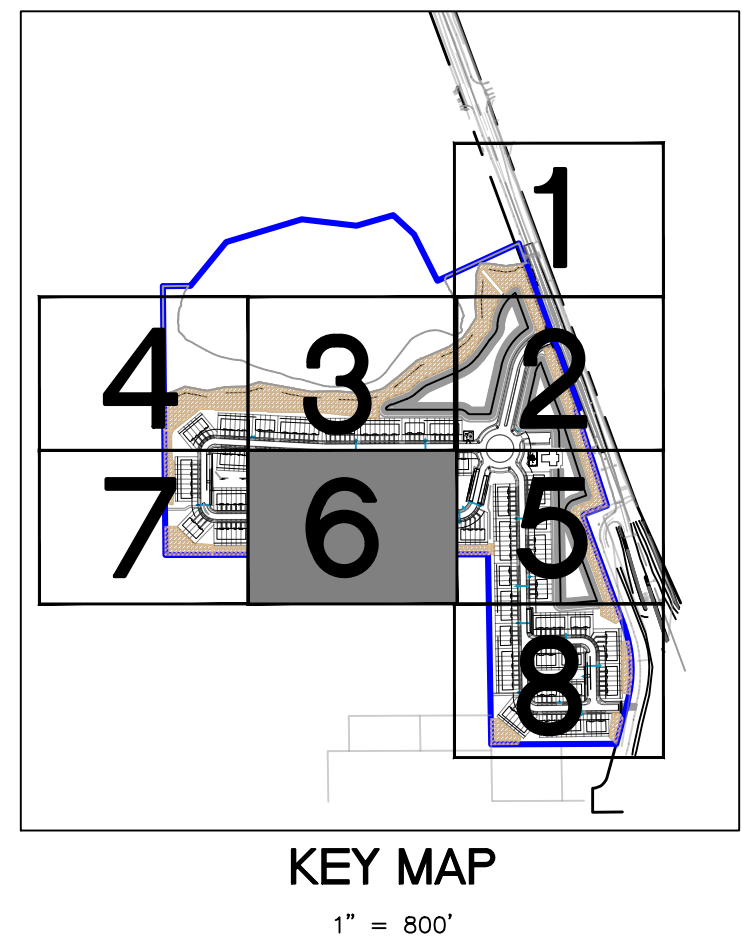
SUMMIT PLACE
DeLand/DR Horton

PLANTING PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

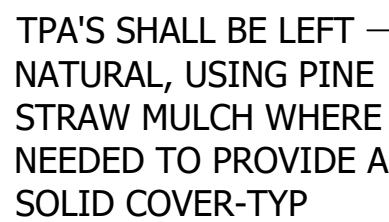
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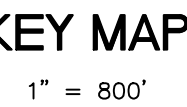
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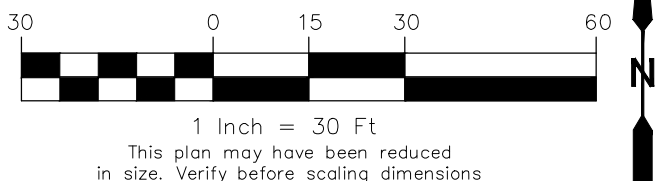
BUFFER TYPE "C" [1342.83']
REFER TO SHEET L6 FOR
REQUIRED PLANT MATERIAL

AREAS UNDER EXISTING TREES
TO REMAIN SHALL BE LEFT
NATURAL, USING PINE STRAW
MULCH WHERE NEEDED TO
PROVIDE A SOLID COVER-TYP

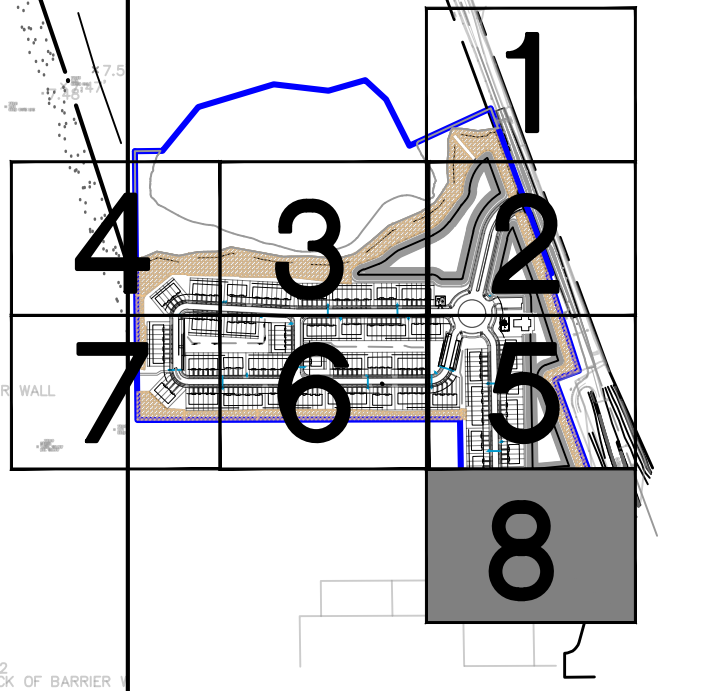
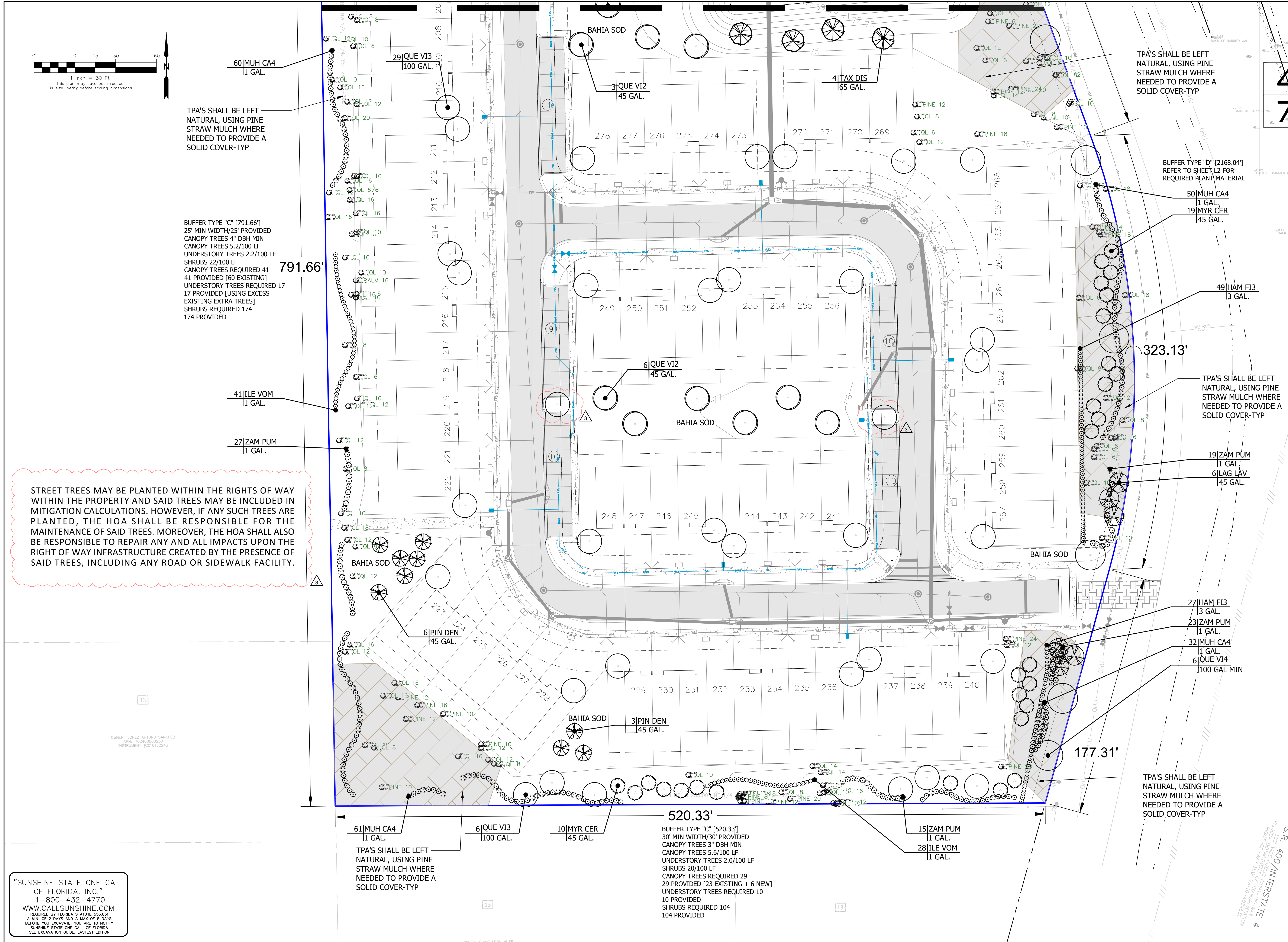
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SCALE AS INDICATED														
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KEY MAP

1" = 800'

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TPA'S SHALL BE LEFT NATURAL, USING PINE STRAW MULCH WHERE NEEDED TO PROVIDE A SOLID COVER-TYP

BUFFER TYPE "C" [791.66']
25' MIN WIDTH/25' PROVIDED
CANOPY TREES 4" DBH MIN
CANOPY TREES 5.2/100 LF
UNDERSTORY TREES 2.2/100 LF
SHRUBS 22/100 LF
CANOPY TREES REQUIRED 41
41 PROVIDED [60 EXISTING]
UNDERSTORY TREES REQUIRED 17
17 PROVIDED [USING EXCESS
EXISTING EXTRA TREES]
SHRUBS REQUIRED 174
174 PROVIDED

TPA'S SHALL BE LEFT NATURAL, USING PINE STRAW MULCH WHERE NEEDED TO PROVIDE A SOLID COVER-TYP

BUFFER TYPE "D" [2168.04']
REFER TO SHEET L2 FOR
REQUIRED PLANT MATERIAL

TPA'S SHALL BE LEFT NATURAL, USING PINE STRAW MULCH WHERE NEEDED TO PROVIDE A SOLID COVER-TYP

TPA'S SHALL BE LEFT NATURAL, USING PINE STRAW MULCH WHERE NEEDED TO PROVIDE A SOLID COVER-TYP

520.33'

BUFFER TYPE "C" [520.33']
30' MIN WIDTH/30' PROVIDED
CANOPY TREES 3" DBH MIN
CANOPY TREES 5.6/100 LF
UNDERSTORY TREES 2.0/100 LF
SHRUBS 20/100 LF
CANOPY TREES REQUIRED 29
29 PROVIDED [23 EXISTING + 6 NEW]
UNDERSTORY TREES REQUIRED 10
10 PROVIDED
SHRUBS REQUIRED 104
104 PROVIDED

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SCALE AS INDICATED

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TYPICAL LANDSCAPE NOTES:

- ALL TREE "DBH" SIZES NOTED ARE MINIMUM. INCREASE SIZE OR ANY OTHER SPECIFICATIONS AS REQUIRED, PROVIDING MINIMUM PLANT SIZE AND SPECIFICATIONS.
- ALL CONTAINER SIZES NOTED ARE MINIMUM. INCREASE SIZE OF POT AS REQUIRED, PROVIDING MINIMUM PLANT SIZE AND SPECIFICATIONS. ALL HEIGHT AND SPREAD SPECIFICATIONS ARE MINIMUM.
- SHRUB AND GROUND COVER BED QUANTITIES ARE INDICATED FOR EACH PLANT BED. ALL PLANT QUANTITIES FOR PROPOSALS SHALL BE DERIVED SOLELY FROM DRAWINGS AND SPECIFICATIONS.
- SHRUB AND GROUND COVER SPACING IS INDICATED ON THE PLANT LIST AND SHALL APPLY FOR ALL "MASS PLANTING" BEDS.
- OWNERS REPRESENTATIVE MUST TAG AN EXAMPLE OF EACH PALM SPECIES ACCORDING TO THE SPECIFICATIONS IN THE PLANT LIST.
- SEE PLANT LIST DETAILS AND SPECIFICATIONS FOR FURTHER PLANTING INFORMATION.
- LOCATION OF ALL UTILITIES AND BASE INFORMATION IS APPROXIMATE. CONTRACTOR SHALL VERIFY ALL UNDERGROUND UTILITIES AND OBSTRUCTIONS AND COORDINATE WITH OWNER'S REPRESENTATIVE PRIOR TO INITIATING INSTALLATION WORK. CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE ANY DAMAGE COMMITTED TO EXISTING ELEMENTS ABOVE OR BELOW GROUND TO ITS ORIGINAL CONDITION AND TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL FIELD ADJUST LOCATION OF PLANT MATERIAL AS NECESSARY TO AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND/OR EXISTING ABOVE GROUND ELEMENTS. ALL CHANGES REQUIRED SHALL BE COMPLETED AT THE CONTRACTOR'S EXPENSE AND SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
- CONTRACTOR SHALL FIELD STAKE THE LOCATION OF ALL PLANT MATERIAL PRIOR TO INITIATING INSTALLATION FOR THE REVIEW AND APPROVAL OF THE LANDSCAPE ARCHITECT OR OWNER'S REPRESENTATIVE. THE LOCATION OF ALL PLANT MATERIAL IS SUBJECT TO FIELD CHANGE.
- LANDSCAPE CONTRACTOR SHALL COORDINATE THEIR WORK WITH THE IRRIGATION CONTRACTOR AND ALL OTHER TRADES.
- LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL HAND WATERING AS REQUIRED UNTIL PLANT MATERIALS ARE WELL ESTABLISHED, TO SUPPLEMENT IRRIGATION WATERING AND RAINFALL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAND WATERING IN ALL LANDSCAPE AREAS WHERE THE EXISTING OR PROPOSED IRRIGATION IS FOR WHATEVER REASON NOT OPERATING OR NOT OPERATING CORRECTLY.
- CONTRACTOR SHALL CLEAN THE WORK AREAS AT THE END OF EACH WORKING DAY. RUBBISH AND DEBRIS SHALL BE COLLECTED AND DEPOSITED AS DIRECTED DAILY. ALL MATERIALS, PRODUCTS, AND EQUIPMENT SHALL BE STORED IN AN ORGANIZED FASHION AS DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIAL SHALL BE IN FULL AND STRICT ACCORDANCE WITH FLORIDA NO. 1 GRADE, ACCORDING TO THE "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, CURRENT EDITION.
- CONTRACTOR SHALL REMOVE EXISTING SOD AND/OR VEGETATION IN ALL AREAS TO BE PLANTED WITH SHRUB/GROUND COVERS AND/OR ALL AREAS TO BE MULCHED.
- CONTRACTOR SHALL REPLACE SOD IN ALL AREAS WHERE EXISTING VEGETATION IS REMOVED OR RELOCATED, WHERE EXISTING LAWN AREAS ARE DAMAGED BY HIS WORK, AND WHERE NEW VEGETATION IS INSTALLED (UNLESS OTHERWISE NOTED ON PLANS) WITH SAME GRASS SPECIES TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE. CONTRACTOR SHALL BE RESPONSIBLE FOR FINISH GRADING ALL SUCH AREAS TO BLEND BOTH ELEVATIONS AND SOD INTO EXISTING SURROUNDING LAWN AREAS.
- THE CONTRACTOR SHALL BEAR ALL COSTS OF TESTING OF SOILS, AMENDMENTS, ETC. ASSOCIATED WITH THE WORK AND INCLUDED IN THE SPECIFICATIONS. PRIOR TO COMMENCEMENT OF THE LANDSCAPING WORK, FOR EVERY BLOCK SECTION OF STREET THE CONTRACTOR SHALL PROVIDE COMPLETE SOIL TESTS FOR AT LEAST THREE AREAS UNDISTURBED BY PREVIOUS WORK AND TWO AREAS DISTURBED AND/OR REFILLED. SEE SPECIFICATIONS FOR ADDITIONAL TESTING REQUIREMENTS.
- THE CONTRACTOR SHALL PROVIDE UNIT PRICES AS REQUESTED WHICH INCLUDE THE TOTAL COST OF THE WORK INCLUDING BUT NOT LIMITED TO ANY AND ALL COSTS FOR EQUIPMENT, MATERIAL, PRODUCTS, OVERHEAD, PROFIT, GUARANTEES, LABOR, INSTALLATION, ETC. TO PROVIDE A COMPLETE JOB AS OUTLINED ON THE DRAWINGS. THE OWNER SHALL HAVE THE OPTION TO ADD OR DEDUCT FROM THE LUMP SUM BID CONTRACT AMOUNT, BASED ON THE QUOTED UNIT PRICES FOR ANY OR THE ITEMS LISTED IN THE "PLANT LIST".
- CONTRACTOR SHALL PROTECT EXISTING VEGETATION TO REMAIN BY MEANS APPROVED BY THE OWNER/OWNER'S REPRESENTATIVE AND AS DETAILED IN THE DRAWINGS.
- CONTRACTOR SHALL CLEAN, PRUNE, AND SHAPE EDGES OF EXISTING VEGETATION AS DIRECTED BY OWNER'S REPRESENTATIVE. CREATE SMOOTH BED LINES AROUND EXISTING VEGETATION.
- CONTRACTOR AND EMPLOYEE VEHICLE PARKING SHALL BE COORDINATED WITH THE OWNER OR OWNER'S REPRESENTATIVE. SHUTTling OF EMPLOYEES TO THE PROJECT AREAS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL NOT DISRUPT OR CONFLICT IN ANY WAY WITH EXISTING TRAFFIC.
- CONSTRUCTION ACCESS SHALL BE INDICATED BY THE OWNER. COORDINATION OF HEAVY EQUIPMENT AND MATERIALS SHALL BE THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SCHEDULING AND COORDINATION OF WORK WITH OTHER TRADES AND THE OWNER OR OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL TAKE WHATEVER MEANS THAT MAY BE NECESSARY TO FULLY UNDERSTAND ALL THE ACCESS ROUTES AND CONSTRUCTION SCHEDULES IN ORDER TO PROVIDE A COMPLETE AND FINISHED PROJECT ON SCHEDULE.
- MINI PINE BARK NUGGET MULCH OR APPROVED EQUAL SHALL BE USED (CYPRESS MULCH NOT ALLOWED).

1 LANDSCAPE NOTES
N.T.S.

PLANT SCHEDULE											
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	DBH	SPECIFICATION	WATER USAGE	NATIVE		REMARKS
CANOPY TREES											
	LIQ STY	11	LIQUIDAMBAR STYRACIFLUA	AMERICAN SWEET GUM	65 GAL.	2.5" DBH	9` H X 5` S	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	MAG BLA	13	MAGNOLIA GRANDIFLORA `D.D. BLANCHARD` TM	SOUTHERN MAGNOLIA	200 GAL.	5" DBH	17` H X 10` S	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	PIN DEN	49	PINUS ELLIOTTI `DENSE`	SLASH PINE	45 GAL.	2" DBH	8` H X 3` S	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	QUE VI4	32	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	100 GAL MIN	4" DBH MIN.	14` H X 8` S	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	QUE VI3	135	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	100 GAL.	3" DBH	10` H X 6` S	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	QUE VI2	87	QUERCUS VIRGINIANA	SOUTHERN LIVE OAK	45 GAL.	2" DBH	8` H X 48" S MIN	LOW-MEDIUM	YES		SINGLE, STRAIGHT TRUNK, FULL
	TAX DIS	62	TAXODIUM DISTICHUM	BALD CYPRESS	65 GAL.	2.5" DBH	9` H X 30" S	LOW-HIGH	YES		SINGLE, STRAIGHT TRUNK, FULL
UNDERSTORY TREES											
	JUN BRO	27	JUNIPERUS VIRGINIANA `BRODIE`	SOUTHERN RED CEDAR	45 GAL.	2" DBH	8` H X 42" S	LOW	YES		FULL
	LAG LAV	24	LAGERSTROEMIA INDICA `LAVENDER`	CRAPE MYRTLE	45 GAL.	2" MIN DBH COMB	8` H X 42" S	LOW-MEDIUM	NO		MULTI-TRUNK, 4 TRUNK MIN, FULL
	MYR CER	82	MYRICA CERIFERA	WAX MYRTLE	45 GAL.	2" DBH	8` H X 42" S	LOW-HIGH	YES		MULTI-TRUNK, FULL
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	-	SPECIFICATION	WATER USAGE	NATIVE		REMARKS
SHRUBS											
	HAM FI3	76	HAMELIA PATENS	FIRE BUSH	3 GAL.		10" OA	LOW-MEDIUM	YES		FULL
	ILE VOM	212	ILEX VOMITORIA	YAUPON HOLLY	1 GAL.		8" OA	LOW-HIGH	YES		FULL
	MUH CA4	526	MUHLENBERGIA CAPILLARIS	MUHL GRASS	1 GAL.		10" OA	LOW-HIGH	YES		FULL
	PLU AUR	115	PLUMBAGO AURICULATA	BLUE PLUMBAGO	3 GAL.		10" OA	LOW	NO		FULL
	POD MAK	40	PODOCARPUS MACROPHYLLUS MAKI	SHRUBBY YEW	3 GAL.		12" OA	LOW-MEDIUM	NO		FULL
	ZAM PUM	343	ZAMIA PUMILA	COONTIE	1 GAL.		8" OA	LOW	YES		FULL
SYMBOL	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT.	-	SPECIFICATION	WATER USAGE	NATIVE	SPACING	REMARKS
	LIR BIG	153	LIRIOPE MUSCARI `TIDWELLS BIG BLUE`	BIG BLUE LILYTURF	1 GAL		8" OA	MEDIUM	NO	12" o.c.	FULL
SOD											
	PAS ARG		PASPALUM NOTATUM `ARGENTINE`	BAHIA GRASS	SOD		CLEAN AND WEED FREE	N/A	NO		CLEAN AND WEED FREE
	STE AUG		STENOTAPHRUM SECUNDATUM `FLORITAM`	FLORITAM ST. AUGUSTINE SOD	SOD		PALLET	MEDIUM	NO		CLEAN AND WEED FREE

NOTES:

- ALL TREES PLANTED SHALL MEET THE CRITERIA FOR A FLORIDA #1, OR BETTER IN THE CURRENT EDITION OF THE FLORIDA GRADES AND STANDARDS FOR NURSERY PLANTS. CITY INSPECTORS USE DBH MEASUREMENTS NOT CAL AT INSPECTIONS.
- STREET TREES WILL BE INSTALLED BY THE HOME BUILDER AFTER THE DRIVEWAY IS INSTALLED.

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CITY OF DELAND

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DeLand/DR Horton

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AND NOTES

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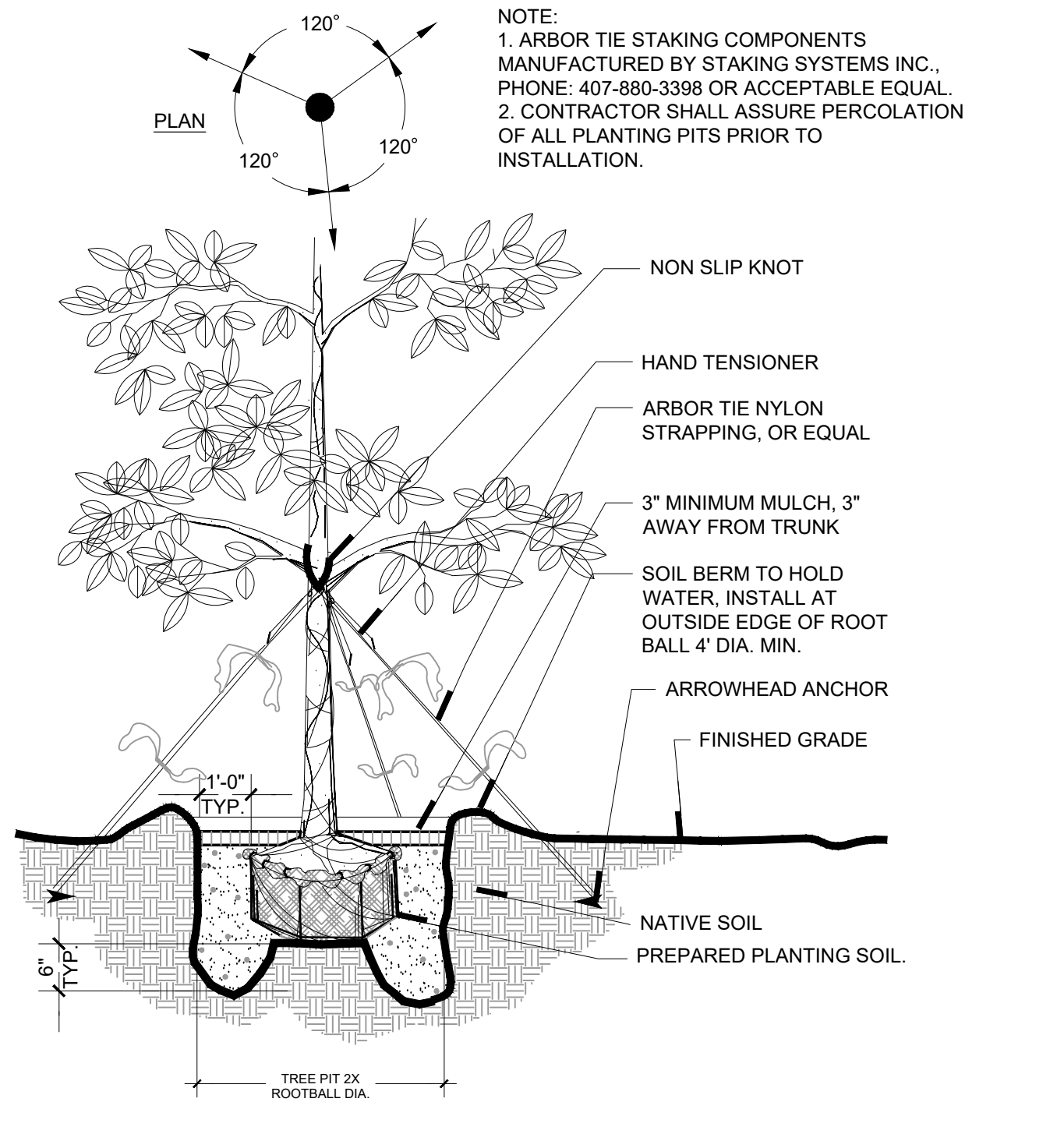
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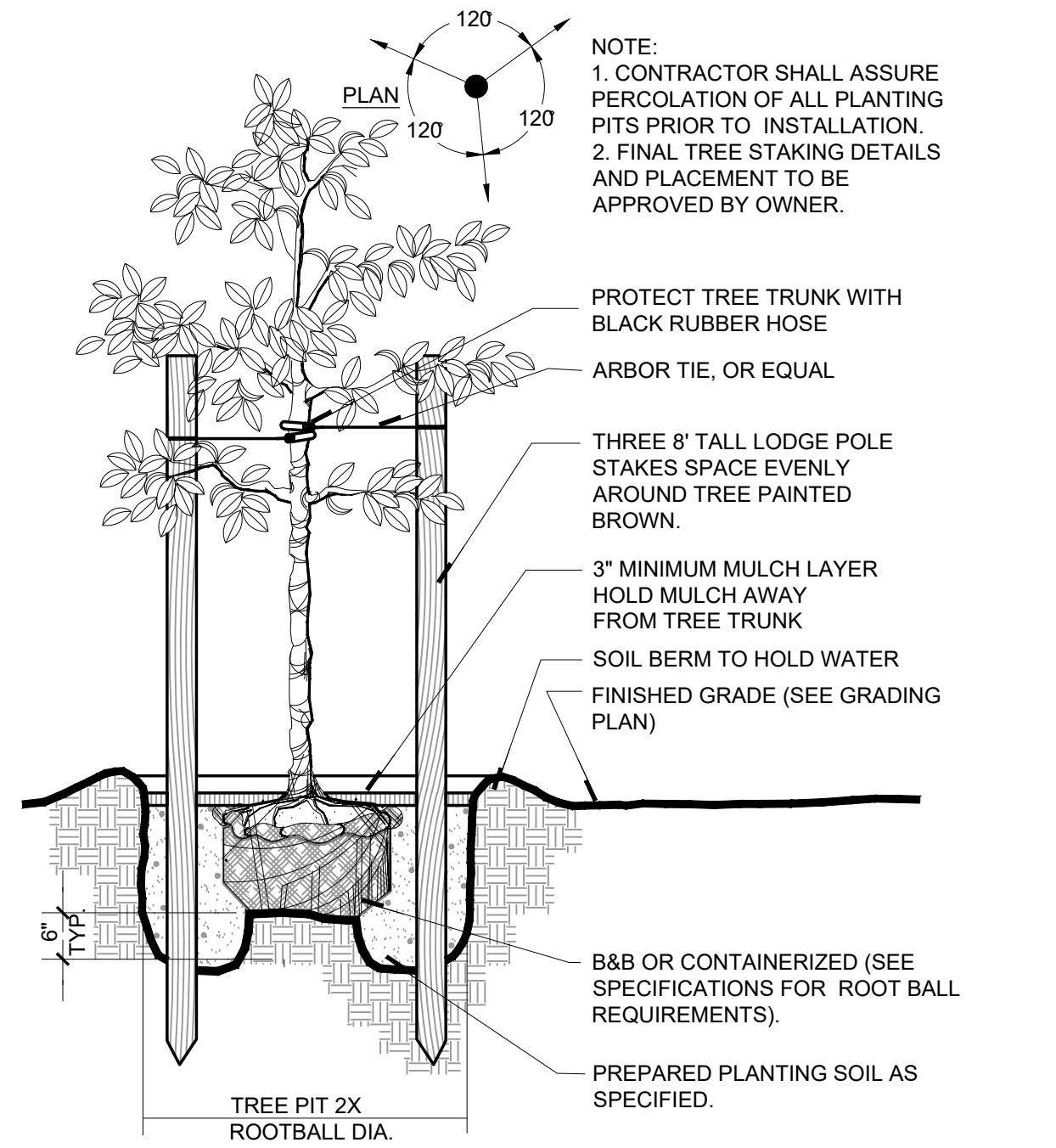
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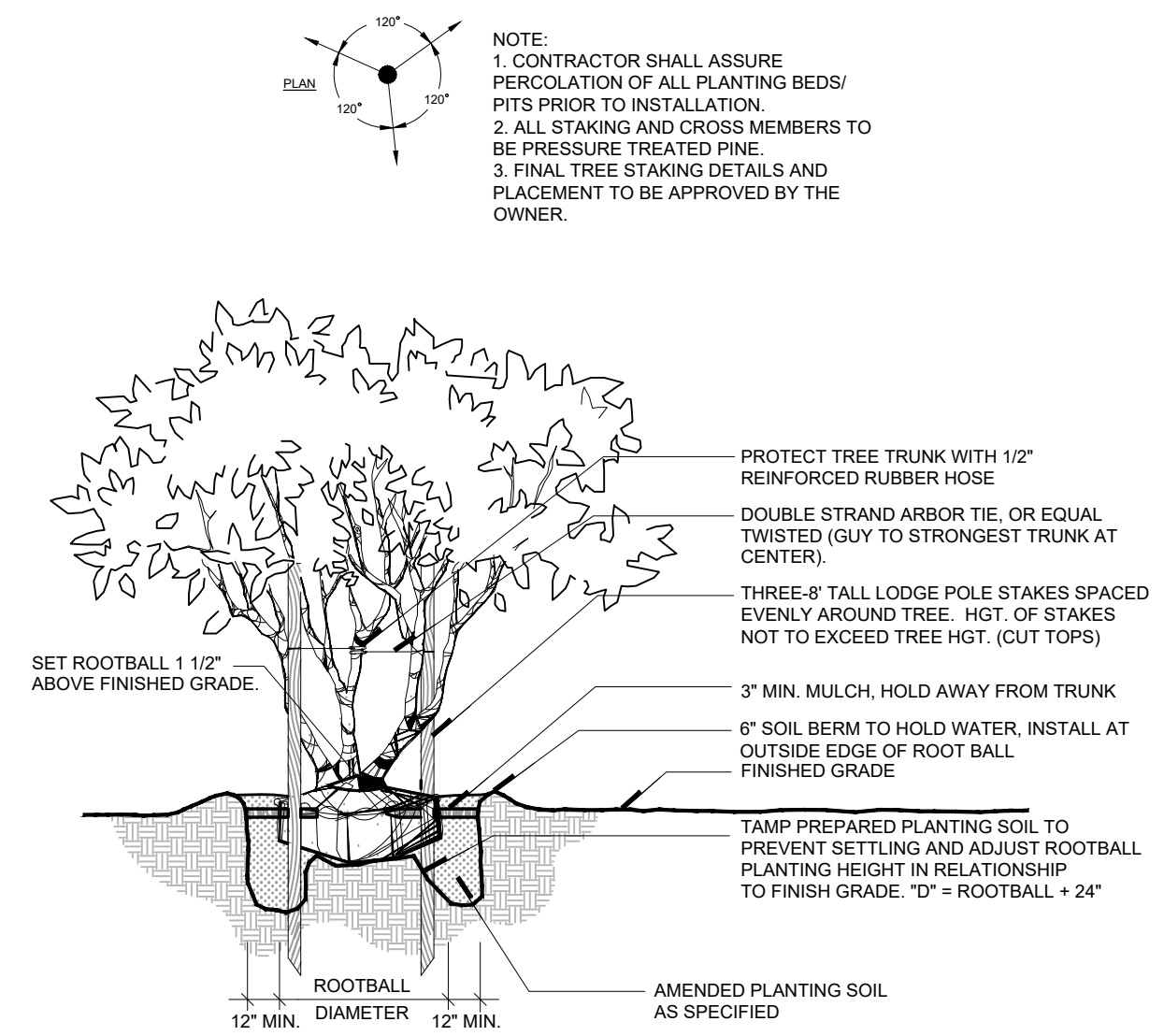
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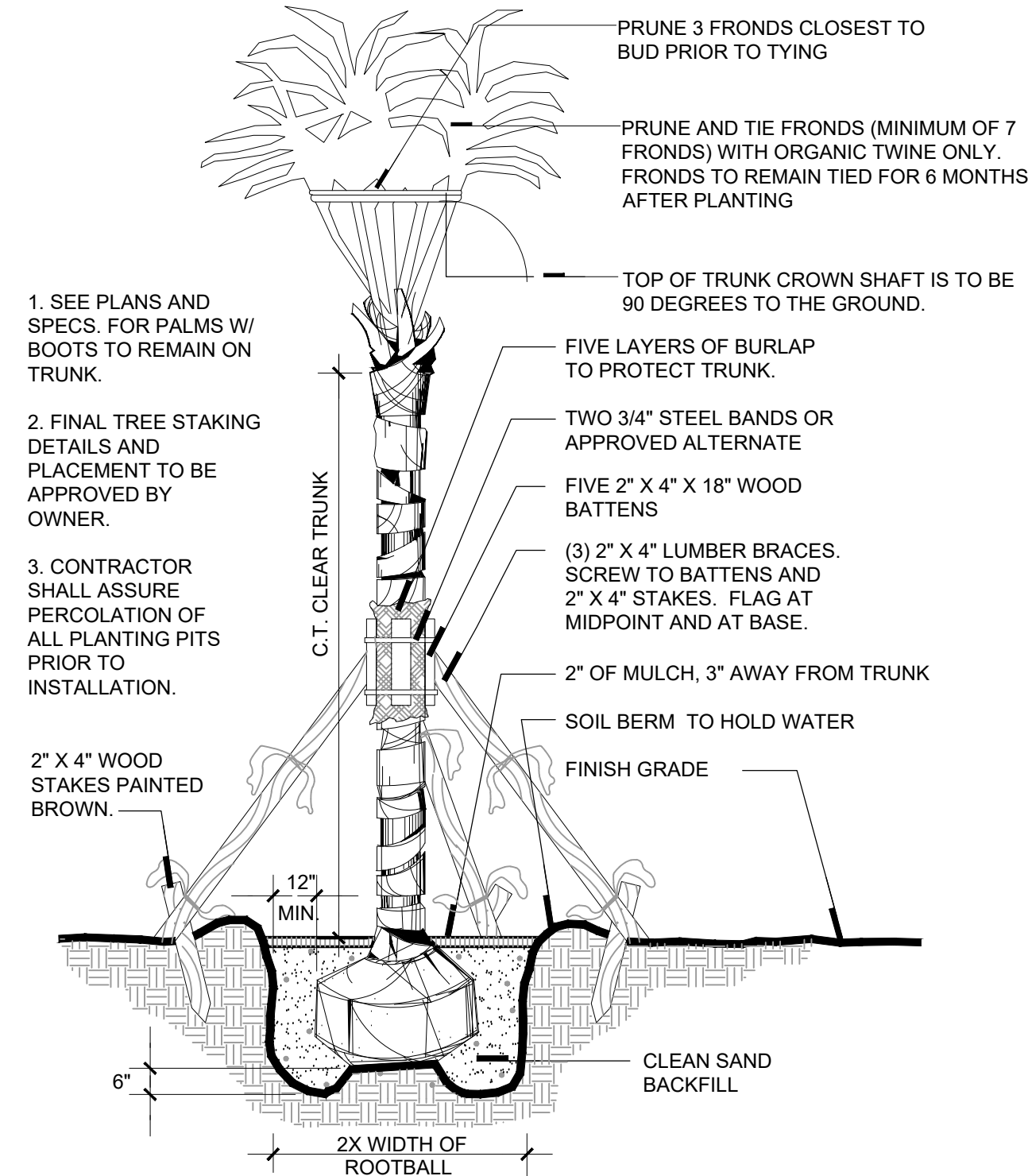
1 LARGE TREE PLANTING DETAIL
1/2" = 1'-0" P-CO-1B



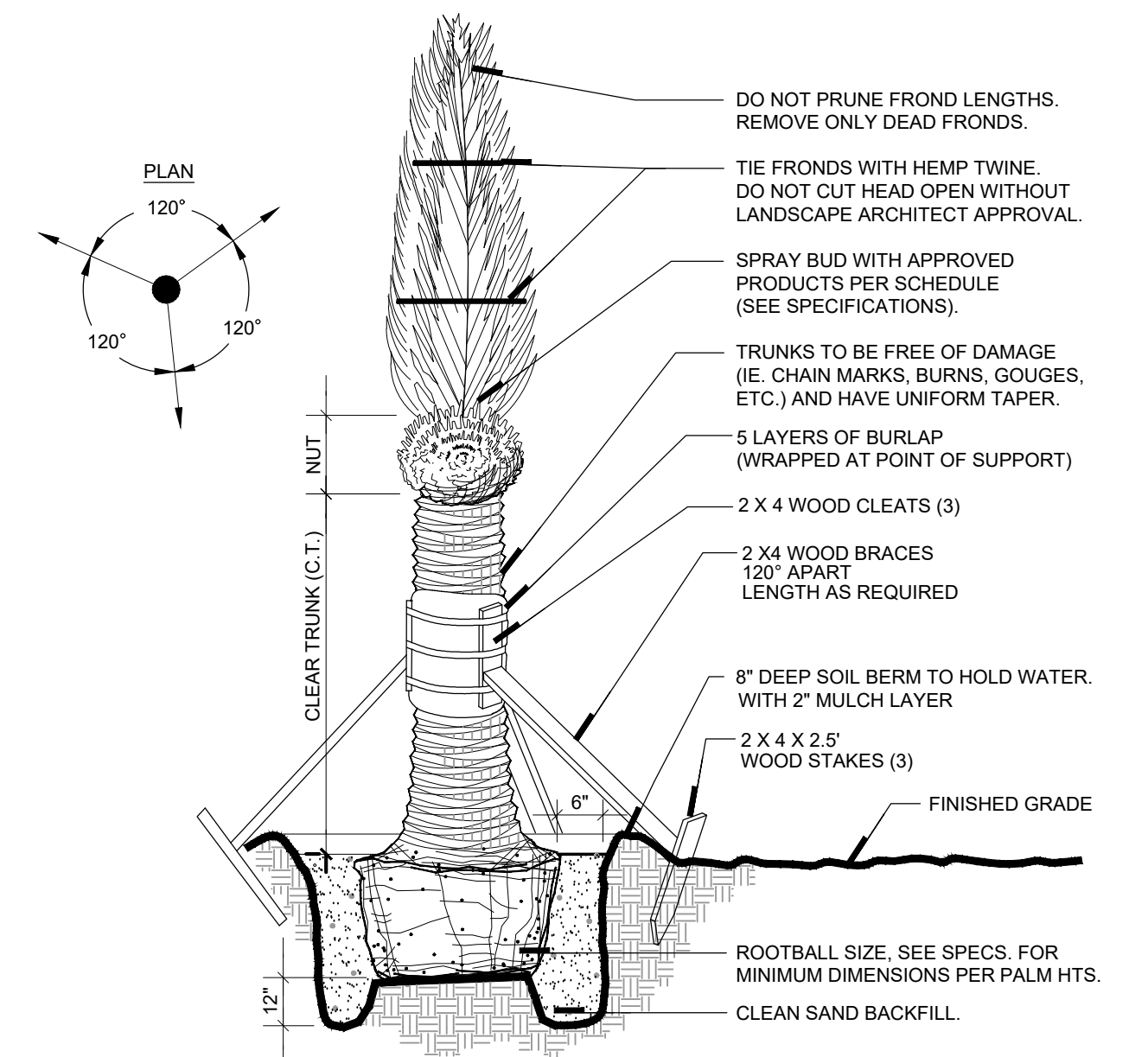
2 SMALL TREE PLANTING DETAIL
1/2" = 1'-0" P-CO-0B



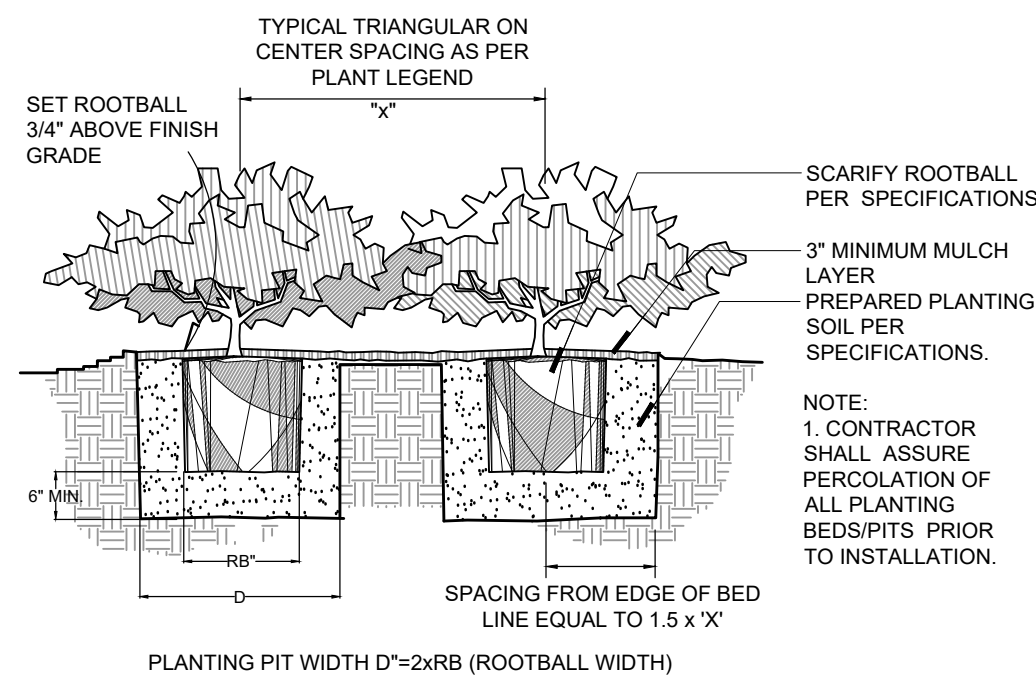
3 TYPICAL MULTITRUNK TREE PLANTING DETAIL
1/2" = 1'-0" P-CO-1B



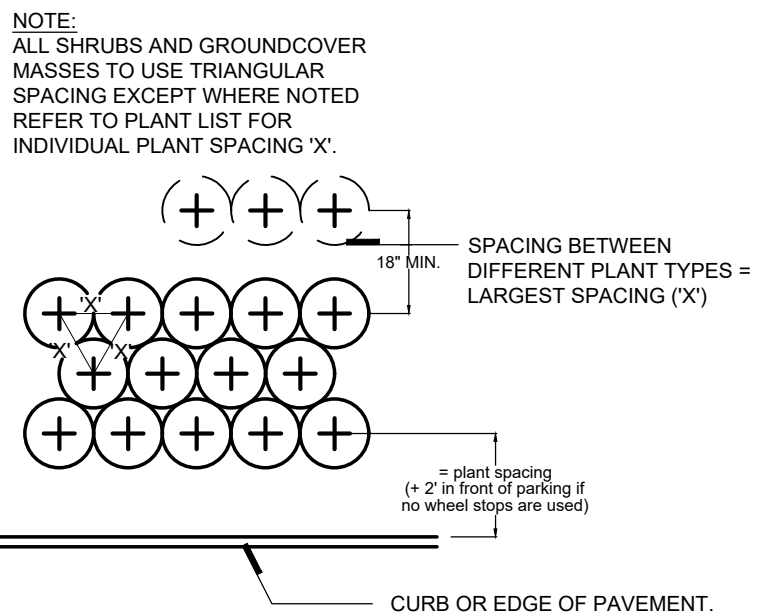
4 TYPICAL PALM PLANTING DETAIL
1/2" = 1'-0" P-CO-1B



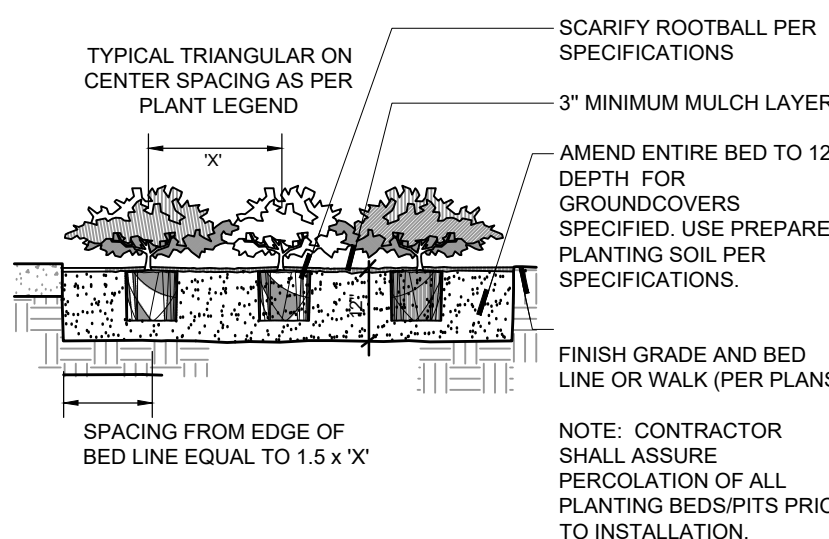
5 TYPICAL SPECIALTY PALM PLANTING DETAIL
1/2" = 1'-0" P-CO-2I



6 TYPICAL SHRUB PLANTING DETAIL
1/2" = 1'-0" P-CO-25



7 TYPICAL PLANT SPACING DETAIL
1/2" = 1'-0" P-CO-27



8 TYPICAL GROUNDCOVER PLANTING DETAIL
1/2" = 1'-0" P-CO-26



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CITY OF DELAND

SUMMIT PLACE
DeLand/DR Horton

LANDSCAPE DETAILS

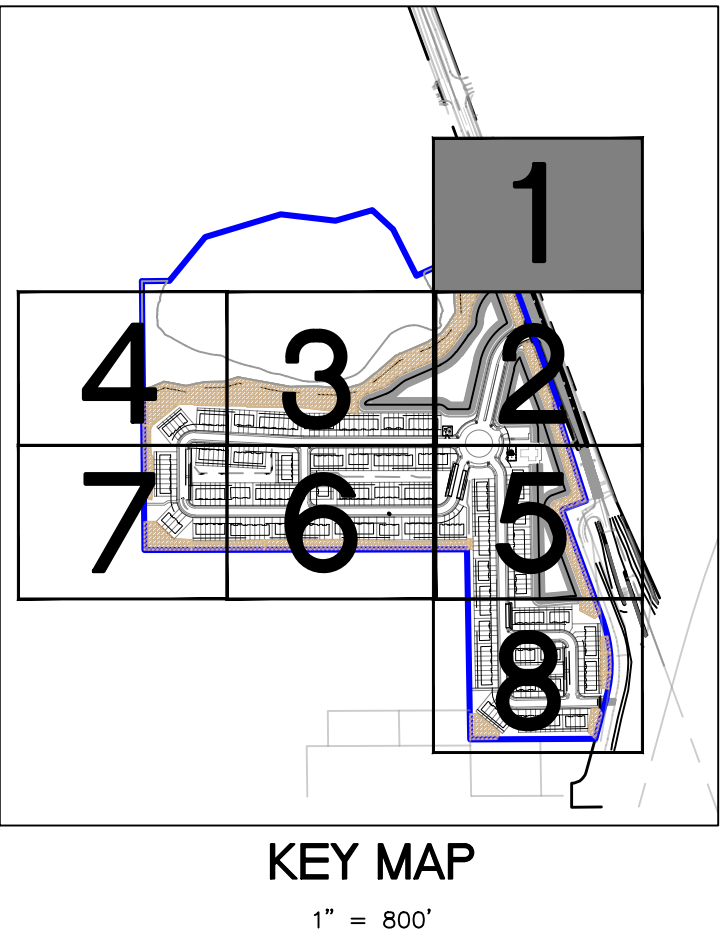
PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

L10

[illegible]

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Mary Katherine Magley
State of Florida Lic. No.: LA 0001375

I S S U E D	
FEBRUARY 17, 2023	CITY OF DELAND
FEBRUARY 20, 2024	CITY OF DELAND
APRIL 30, 2024	CITY OF DELAND

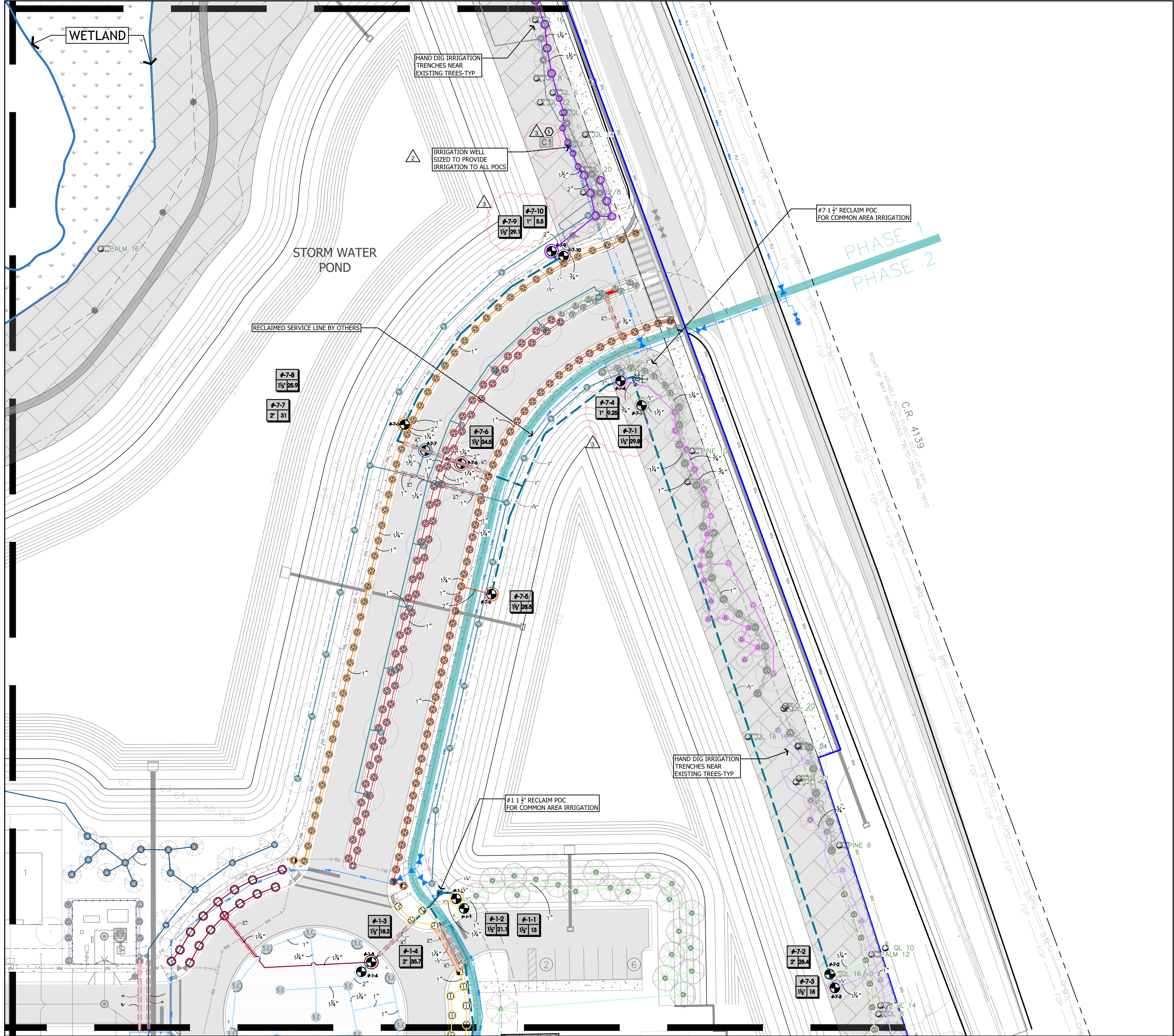
IRRIGATION PLAN

SCALE AS INDICATED

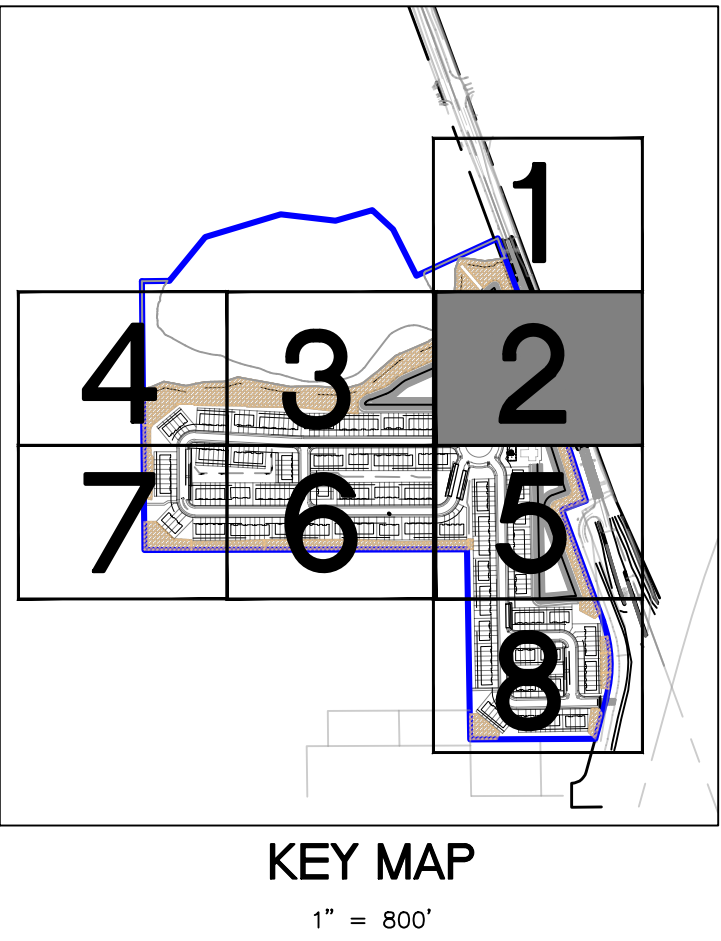
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6/11/2024 5:49:13 PM



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REVISIONS		
REVISION NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED	
FEBRUARY 17, 2023	CITY OF DELAND
FEBRUARY 20, 2024	CITY OF DELAND
APRIL 30, 2024	CITY OF DELAND

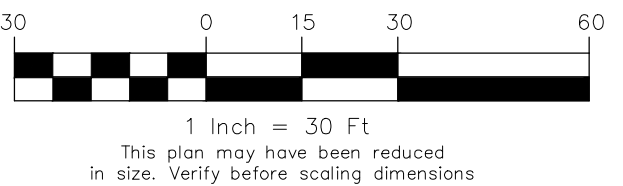
**SUMMIT PLACE
DeLand/DR Horton**

IRRIGATION PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

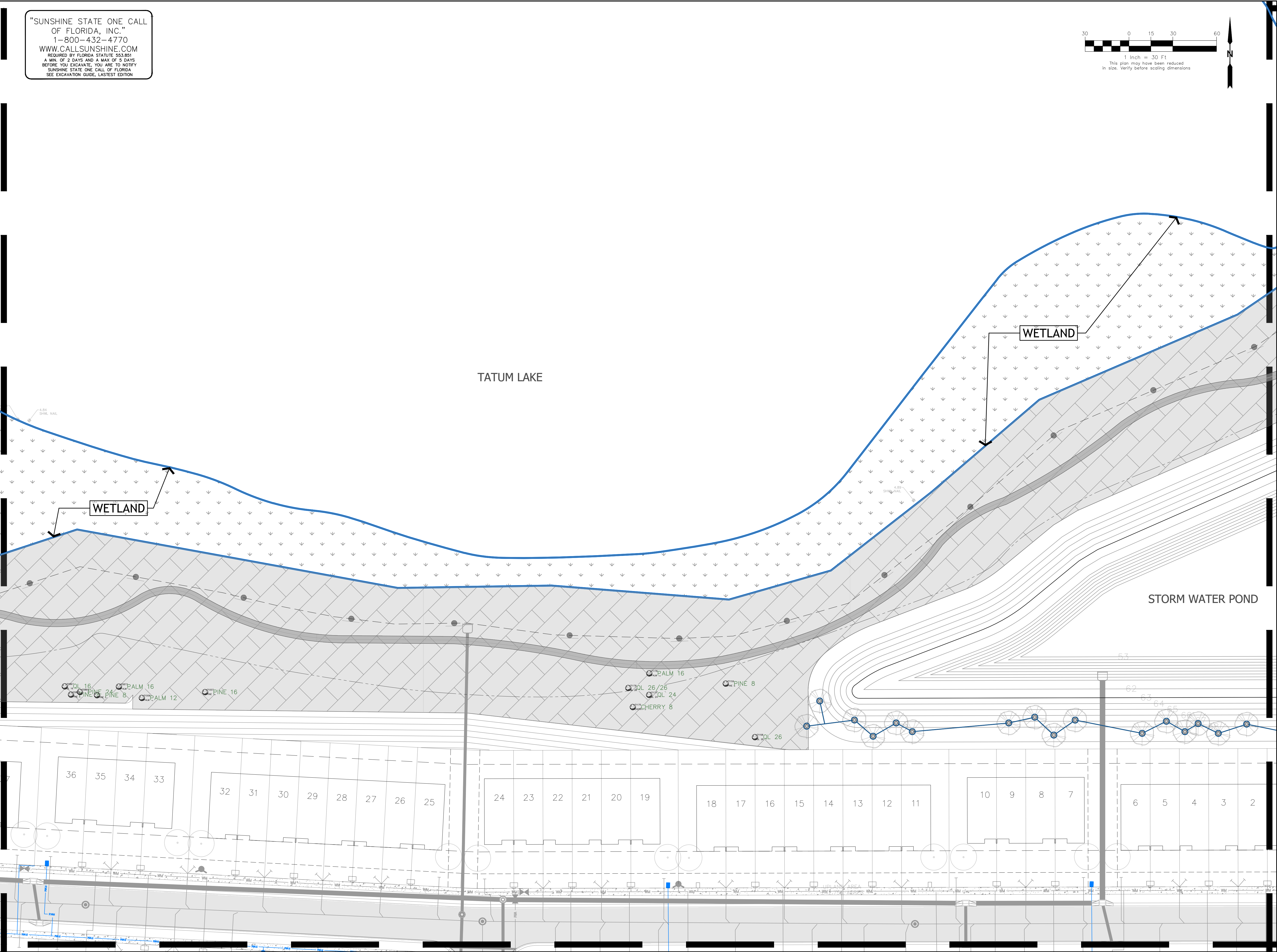
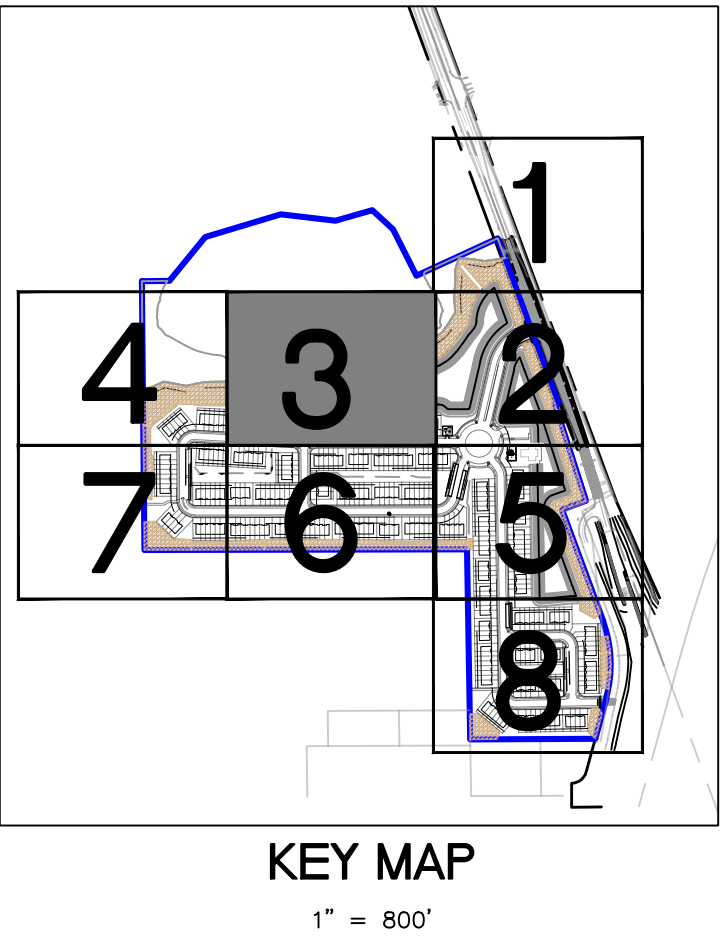
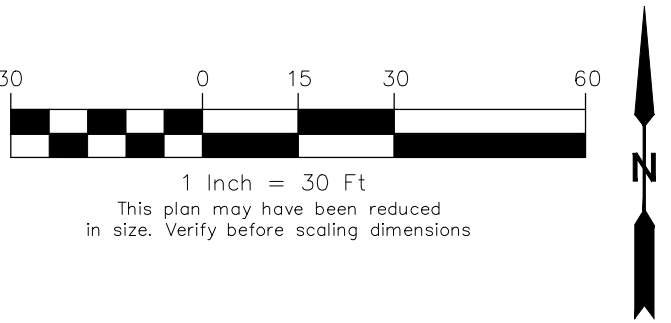
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REVISIONS		
REVISION NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED

FEBRUARY 17, 2023 CITY OF DELAND
FEBRUARY 20, 2024 CITY OF DELAND
APRIL 30, 2024 CITY OF DELAND

SUMMIT PLACE
DeLand/DR Horton

IRRIGATION PLAN

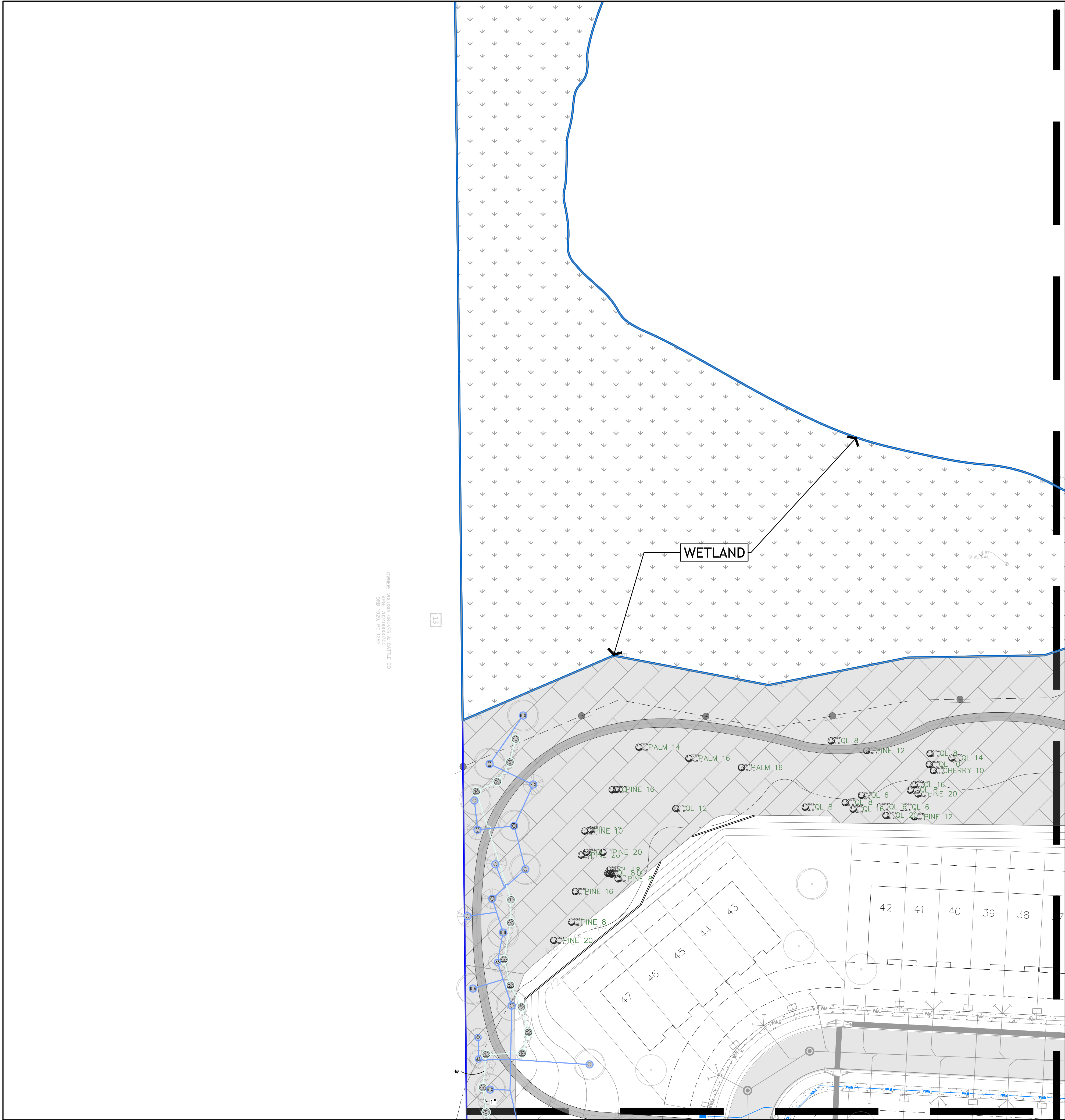
PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

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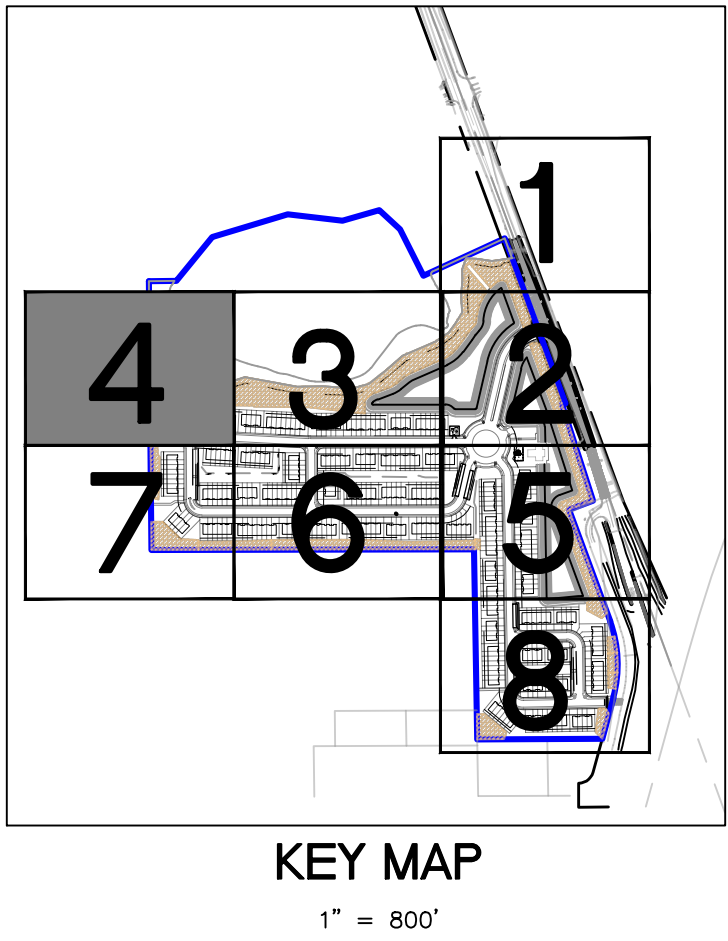
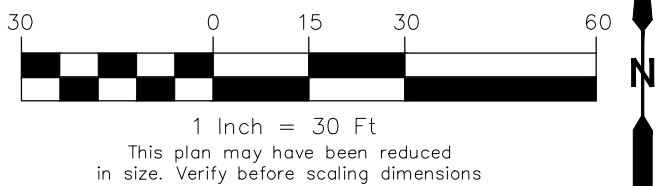
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1	CITY COMMENTS	02/20/2024
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3	CITY / OWNER COMMENTS	06/11/2024

ISSUED	
FEBRUARY 17, 2023 FEBRUARY 20, 2024 APRIL 30, 2024	CITY OF DELAND CITY OF DELAND CITY OF DELAND

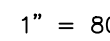
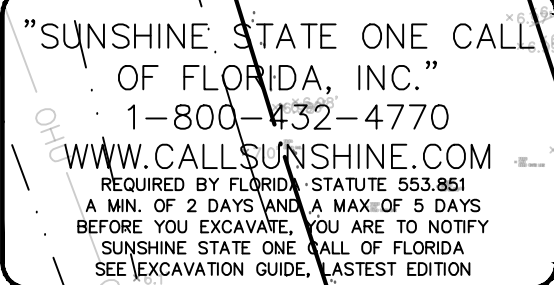
**SUMMIT PLACE
DeLand/DR Horton**

IRRIGATION PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

IR4


$$1'' = 80$$


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R E V I S I O N S		
NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2018
2	CITY COMMENTS	05/21/2018
3	CITY / OWNER COMMENTS	06/11/2018

I S S U E D	
MAY 17, 2023	CITY OF DELAND
MAY 20, 2024	CITY OF DELAND
30, 2024	CITY OF DELAND

SUMMIT PLACE
DeLand/DR Horton

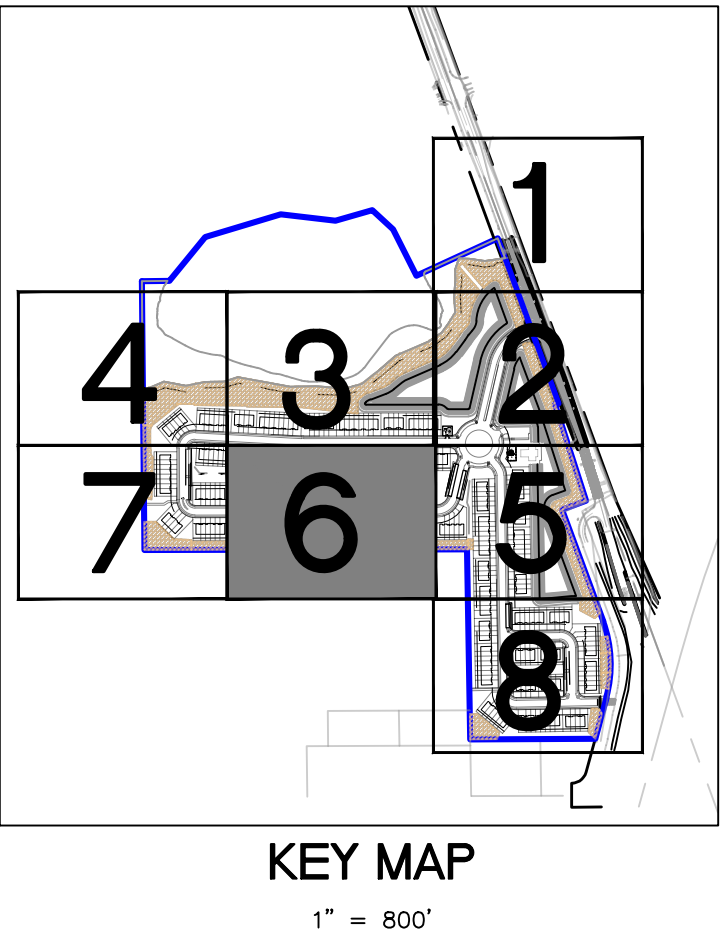
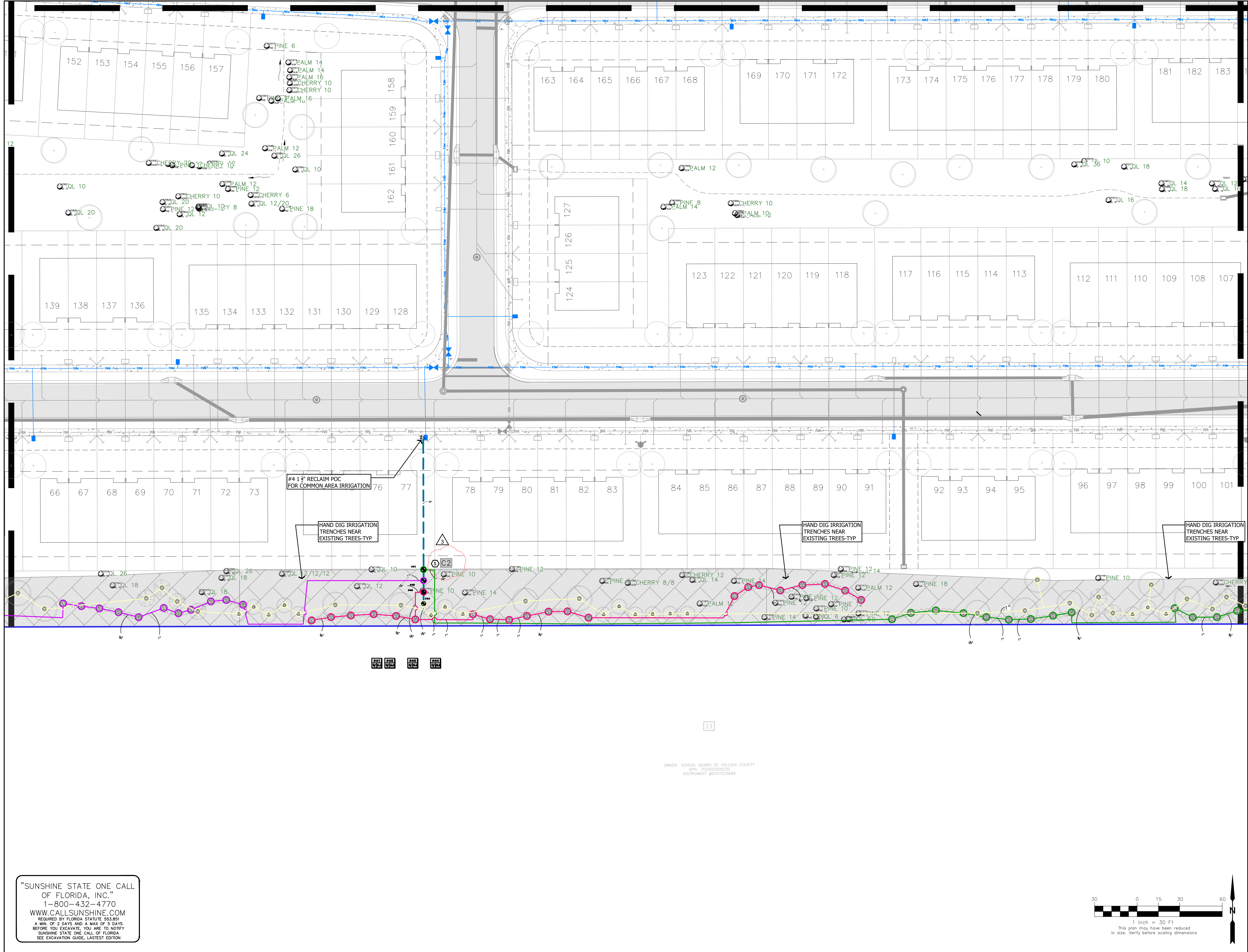
IRRIGATION PLAN

PROJECT NUMBER: MD#23
DATE: JANUARY 17, 20
OWN BY: M
CHECKED BY: MK

SCALE AS INDICATED

IR5 

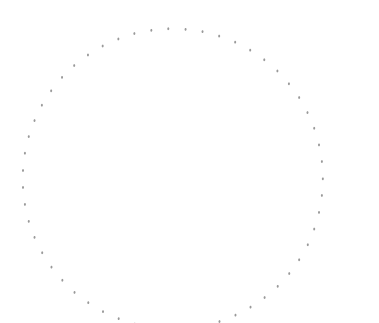
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**SUMMIT PLACE
DeLand/DR Horton**

IRRIGATION PLAN

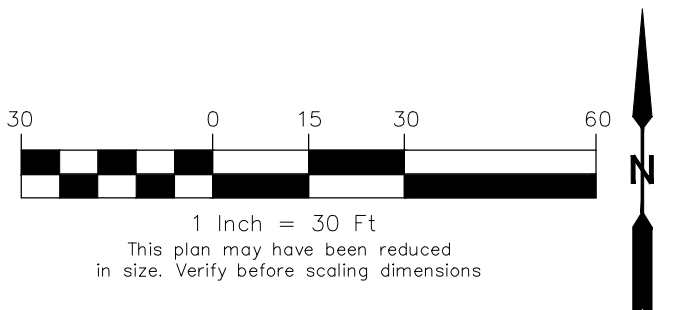
PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
CHECKED BY: MKM

SCALE AS INDICATED

IR6



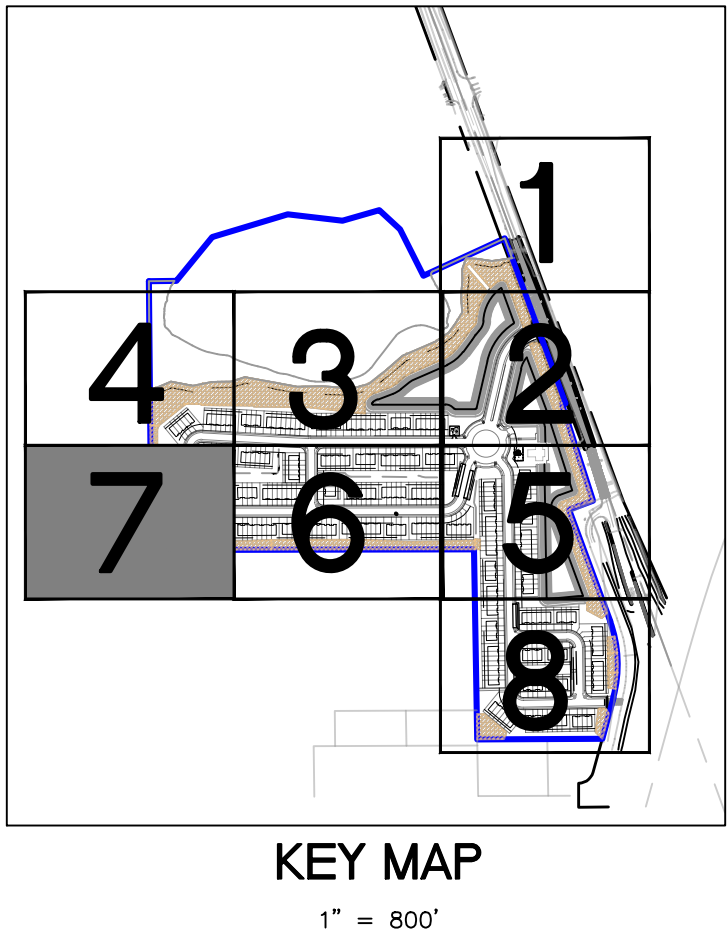
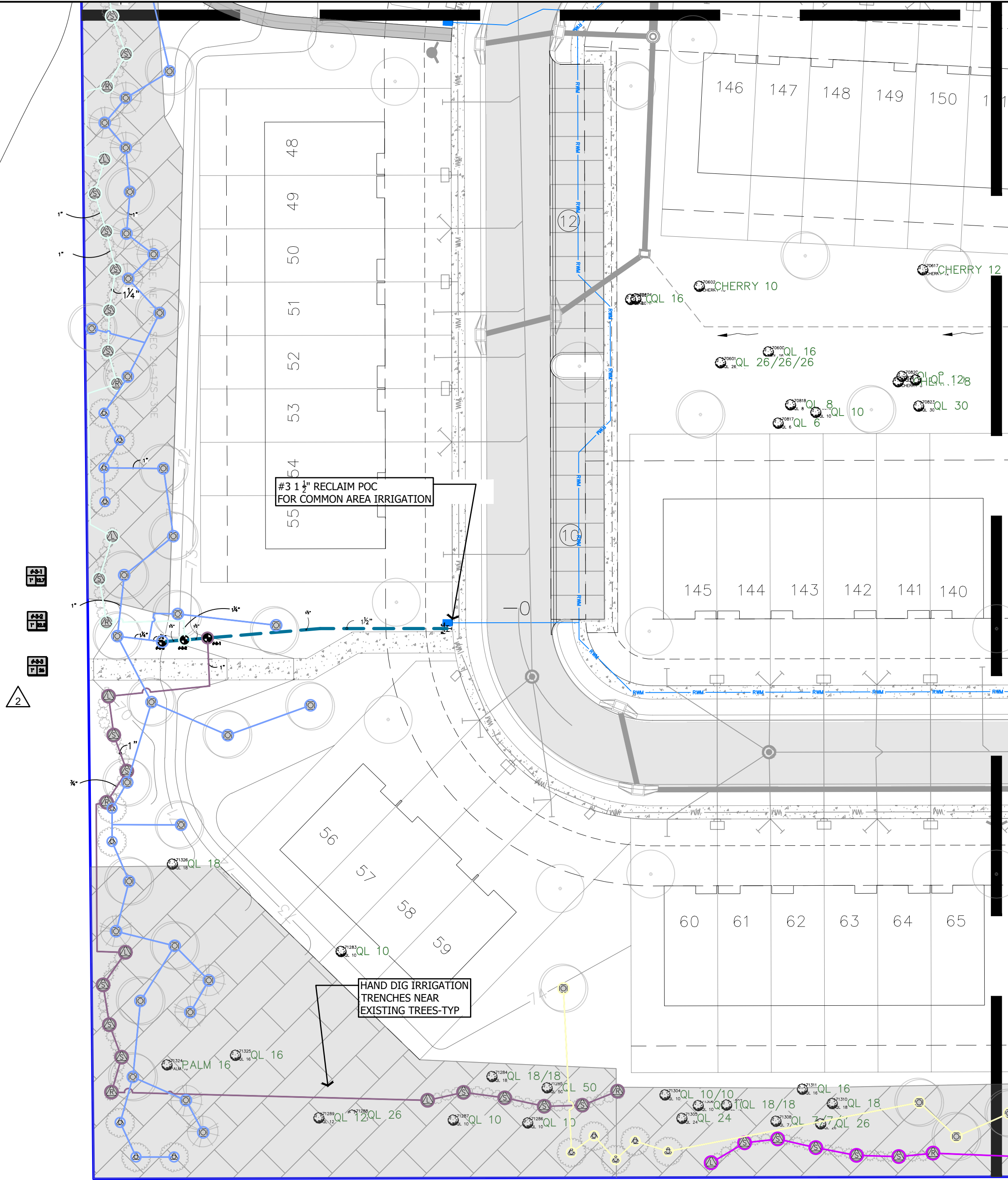
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ISSUED	
FEBRUARY 17, 2023 FEBRUARY 20, 2024 APRIL 30, 2024	CITY OF DELAND CITY OF DELAND CITY OF DELAND

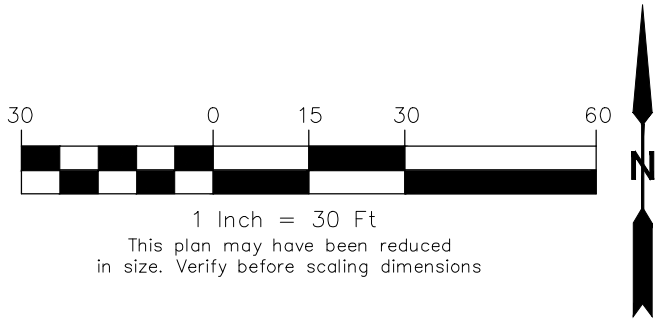
**SUMMIT PLACE
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IRRIGATION PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
DRAWN BY: MD
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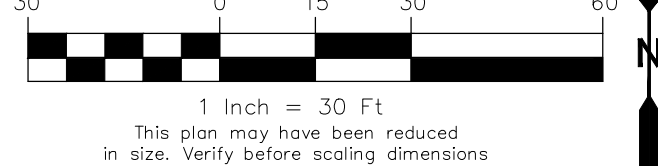
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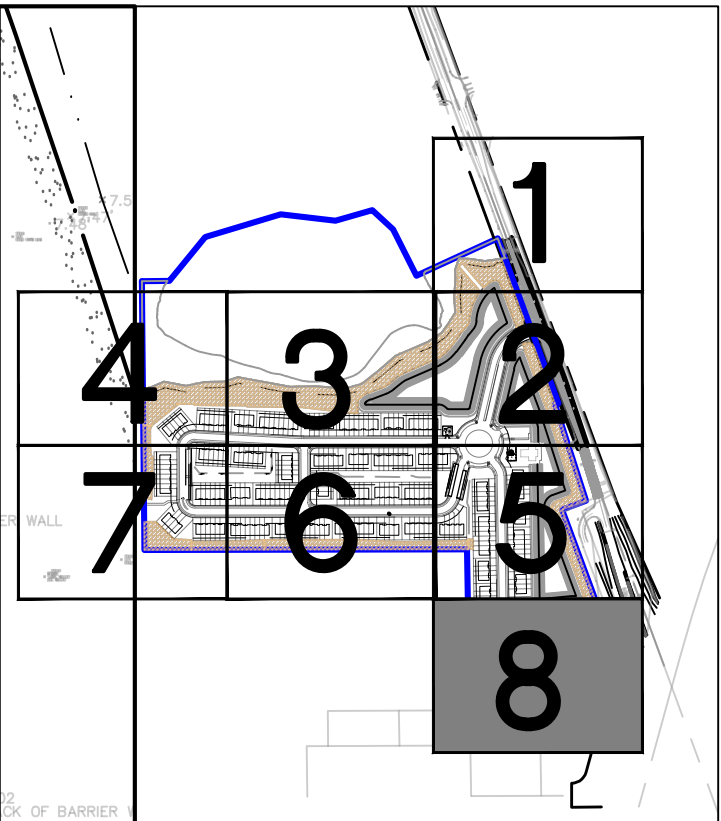
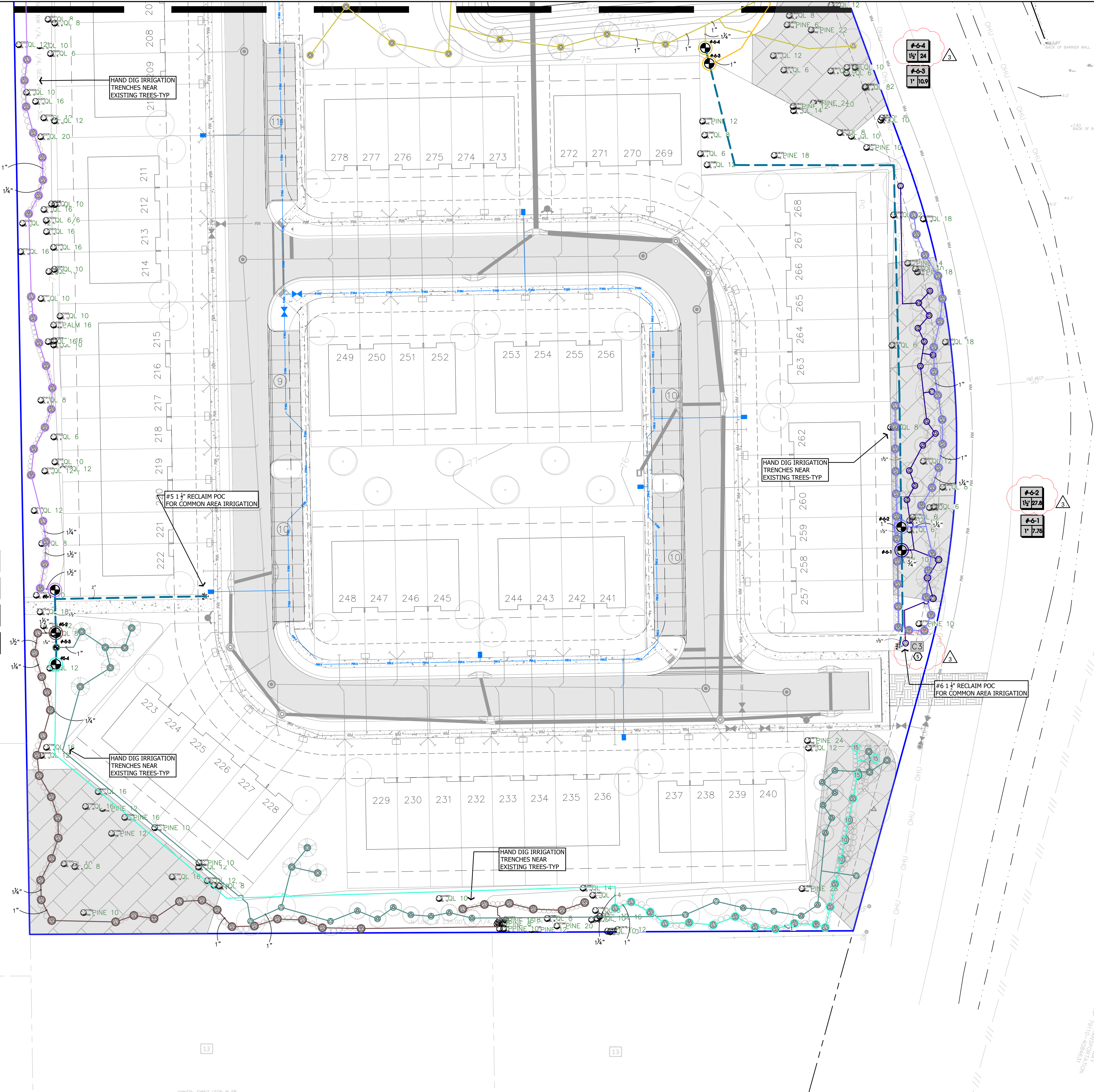
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APR: 702400000250
INSTRUMENT #2016132243

- #5-1
1 1/2" 91.1
- #5-2
1 1/2" 90.0
- #5-3
1 1/2" 17
- #5-4
1 1/2" 17.8



KEY MAP
1" = 800'



Seal

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REVISIONS		
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1	CITY COMMENTS	02/20/2024
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ISSUED
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IRRIGATION PLAN

PROJECT NUMBER: MD#2303
DATE: JANUARY 17, 2023
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CHECKED BY: MKM

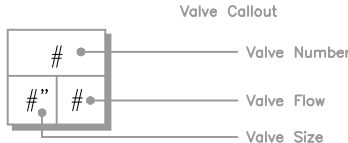
SCALE AS INDICATED

IR8

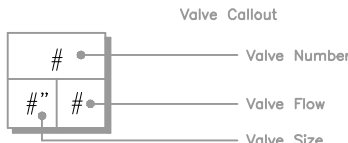
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8/18/2024 4:01:21 PM

IRRIGATION SCHEDULE POC					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	GPM	RADIUS
	RAIN BIRD 1806-SAM-PRS-NP 08H TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	4	180	0.52	8'
	RAIN BIRD 1806-SAM-PRS-NP 08Q TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	2	90	0.26	8'
	RAIN BIRD 1806-SAM-PRS-NP 12H TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	40	180	1.3	12'
	RAIN BIRD 1806-SAM-PRS-NP 12Q TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	10	90	0.65	12'
	RAIN BIRD 1806-SAM-PRS-NP 15H TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	2	180	1.85	15'
	RAIN BIRD 1806-SAM-PRS-NP 15Q TURF SPRAY 6.0" POP-UP SPRINKLER WITH CO-MOLDED WIPER SEAL, 1/2" NPT FEMALE THREADED INLET, WITH SEAL-A-MATIC CHECK VALVE, PRESSURE REGULATING, AND NON POTABLE PURPLE CAP.	5	90	0.92	15'
	RAIN BIRD 1800-1400 FLOOD 1402 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	20	360	0.5	3'
	RAIN BIRD 1800-1400 FLOOD 1404 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	3	360	1	3'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		GPM	RADIUS
	RAIN BIRD 5096-PC-LA 3.0 TURF ROTOR, 6IN. POP-UP, PLASTIC RISER, ADJUSTABLE TO FULL CIRCLE, LOW ANGLE NOZZLE.	16		2.23	29'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	RAIN BIRD PESB-NP-HAN-PRS-D 1-1/2" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	4			
	RAIN BIRD PESB-NP-HAN-PRS-D 2" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	1			
	POINT OF CONNECTION 1 1/2" IRRIGATION WELL/MASTER VALVE @ ENTRANCE/PROJECT MAINLINE ROUTED THROUGH SITE-SEE CIVIL/1 1/2" POC FOR COMMON AREA IRRIGATION/TOWNHOME IRRIGATION BY OTHERS	1			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 3/4"	1,346 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1"	205.9 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1 1/4"	431.5 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1 1/2"	24.8 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 2"	63.7 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1"	7.8 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/4"	11.6 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/2"	150.8 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 2"	70.6 L.F.			
	PIPE SLEEVE: PVC SCHEDULE 40 2" EXTEND SLEEVES 18" PAST HARDSCAPE AND PLACE A STAKE AT EACH END	30.4 L.F.			
	PIPE SLEEVE: PVC SCHEDULE 40 3" EXTEND SLEEVES 18" PAST HARDSCAPE AND PLACE A STAKE AT EACH END	108.4 L.F.			
	PIPE SLEEVE: PVC SCHEDULE 40 4" EXTEND SLEEVES 18" PAST HARDSCAPE AND PLACE A STAKE AT EACH END	97.7 L.F.			



IRRIGATION SCHEDULE POC 5					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	GPM	RADIUS
	RAIN BIRD PA-8S-PRS-NP-MPR 15LCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	8	LCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15RCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	8	RCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15SST SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	25	SST	1.11	4'x30'
	RAIN BIRD 1800-1400 FLOOD 1401 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	12	360	0.25	3'
	RAIN BIRD 1800-1400 FLOOD 1402 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	46	360	0.5	3'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	RAIN BIRD PESB-NP-HAN-PRS-D 1-1/2" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	3			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 3/4"	1,659 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1"	437.0 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1 1/4"	204.9 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/2"	59.4 L.F.			



POC #1

CRITICAL ANALYSIS

Generated: 2024-04-23 21:27

P.O.C. NUMBER: 01
Water Source Information:
IRRIGATION WELL/MASTER VALVE @ ENTRANCE/PROJECT MAINLINE ROUTED THROUGH SITE-SEE CIVIL/1 1/2" POC FOR COMMON AREA IRRIGATION/TOWNHOME IRRIGATION BY OTHERS

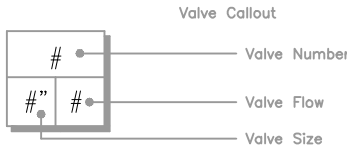
FLOW AVAILABLE
Point of Connection Size: 1 1/2"
Flow Available: 46.59 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 50 PSI
Pressure Available: 50 PSI

DESIGN ANALYSIS
Maximum Station Flow: 35.68 GPM
Flow Available at POC: 46.59 GPM
Residual Flow Available: 10.91 GPM

Critical Station:
Design Pressure: # -1.5
30 PSI
Friction Loss: 2.66 PSI
Fittings Loss: 0.26 PSI
Elevation Loss: 0 PSI
Loss through Valve: 3.09 PSI
Pressure Req. at Critical Station: 36.0 PSI
Loss for Fittings: 0.37 PSI
Loss for Main Line: 3.74 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Critical Station Pressure at POC: 40.1 PSI
Pressure Available: 50 PSI
Residual Pressure Available: 9.87 PSI

IRRIGATION SCHEDULE POC3					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	GPM	RADIUS
	RAIN BIRD PA-8S-PRS-NP-MPR 15LCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	2	LCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15RCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	2	RCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15SST SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	4	SST	1.11	4'x30'
	RAIN BIRD 1800-1400 FLOOD 1402 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	30	360	0.5	3'
	RAIN BIRD 1800-1400 FLOOD 1404 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPT.	20	360	1	3'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	RAIN BIRD PESB-NP-HAN-PRS-D 1-1/2" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	2			
	RAIN BIRD PESB-NP-HAN-PRS-D 1" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS. WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	1			
	POINT OF CONNECTION 1 1/2" IRRIGATION WELL/MASTER VALVE @ ENTRANCE/PROJECT MAINLINE ROUTED THROUGH SITE-SEE CIVIL/1 1/2" POC FOR COMMON AREA IRRIGATION/TOWNHOME IRRIGATION BY OTHERS	1			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP	42.3 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 3/4"	1,264 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1"	241.0 L.F.			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1 1/4"	38.8 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1"	8.8 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/4"	9.8 L.F.			
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/2"	12.5 L.F.			
	PIPE SLEEVE: PVC SCHEDULE 40 2" EXTEND SLEEVES 18" PAST HARDSCAPE AND PLACE A STAKE AT EACH END	87.7 L.F.			



POC #2

CRITICAL ANALYSIS

Generated: 2024-04-23 09:22

P.O.C. NUMBER: 01
Water Source Information:
IRRIGATION WELL/MASTER VALVE @ ENTRANCE/PROJECT MAINLINE ROUTED THROUGH SITE-SEE CIVIL/1 1/2" POC FOR COMMON AREA IRRIGATION/TOWNHOME IRRIGATION BY OTHERS

FLOW AVAILABLE
Point of Connection Size: 1 1/2"
Flow Available: 46.59 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 50 PSI
Pressure Available: 50 PSI

DESIGN ANALYSIS
Maximum Station Flow: 30.36 GPM
Flow Available at POC: 46.59 GPM
Residual Flow Available: 16.23 GPM

Critical Station:
Design Press: # -2.2
20 PSI
Friction Loss: 12.0 PSI
Fittings Loss: 1.2 PSI
Elevation Loss: 0 PSI
Loss through Valve: 3.5 PSI
Pressure Req. at Critical Station: 36.7 PSI
Loss for Fittings: 0.02 PSI
Loss for Main Line: 0.23 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Critical Station Pressure at POC: 37.0 PSI
Pressure Available: 50 PSI
Residual Pressure Available: 13.0 PSI

WATERING SCHEDULE								
NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY	
#-1-1	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.92 in/h	1	32	416		
#-1-2	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	1.28 in/h	1	47	990		
#-1-3	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	1.35 in/h	1	45	819		
#-1-4	RAIN BIRD PESB-NP-HAN-PRS-D	TURF ROTOR	0.48 in/h	1	126	4,496		
#-1-5	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	1.15 in/h	1	53	1,597		
#-2-1	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	3.1 in/h	1	20	310		
#-2-2	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	2.01 in/h	1	30	585		
#-2-3	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.72 in/h	1	35	218		
#-3-1	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.2 in/h	1	50	635		
#-3-2	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.15 in/h	1	53	1,180		
#-3-3	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.53 in/h	1	40	1,040		
#-4-1	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.32 in/h	1	46	992		
#-4-2	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.39 in/h	1	44	705		
#-4-3	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.35 in/h	1	45	871		
#-4-4	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.34 in/h	1	45	1,013		
#-5-1	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.32 in/h	1	46	1,432		
#-5-2	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.23 in/h	1	49	1,471		
#-5-3	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.65 in/h	1	37	629		
#-5-4	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.01 in/h	1	60	1,069		
#-6-1	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.39 in/h	1	44	341		
#-6-2	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.38 in/h	1	44	1,224		
#-6-3	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.36 in/h	1	45	490		
#-6-4	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.86 in/h	1	33	792		
#-7-1	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.18 in/h	1	52	1,550		
#-7-2	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.36 in/h	1	45	1,280		
#-7-3	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.91 in/h	1	32	576		
#-7-4	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.57 in/h	1	39	361		
#-7-5	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	0.82 in/h	1	73	2,078		
#-7-6	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	1.07 in/h	1	57	1,969		
#-7-7	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	3.4 in/h	1	18	558		
#-7-8	RAIN BIRD PESB-NP-HAN-PRS-D	TURF SPRAY	0.68 in/h	1	89	2,302		
#-7-9	RAIN BIRD PESB-NP-HAN-PRS-D	SHRUB SPRAY	1.05 in/h	1	58	1,689		
#-7-10	RAIN BIRD PESB-NP-HAN-PRS-D	BUBBLER	1.7 in/h	1	36	198		
	TOTALS:				1,568	35,876		

POC #3

CRITICAL ANALYSIS

Generated: 2024-05-20 17:25

P.O.C. NUMBER: 01
Water Source Information:
IRRIGATION WELL/MASTER VALVE @ ENTRANCE/PROJECT MAINLINE ROUTED THROUGH SITE-SEE CIVIL/1 1/2" POC FOR COMMON AREA IRRIGATION/TOWNHOME IRRIGATION BY OTHERS

FLOW AVAILABLE
Point of Connection Size: 1 1/2"
Flow Available: 46.59 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 50 PSI
Pressure Available: 50 PSI

DESIGN ANALYSIS
Maximum Station Flow: 26 GPM
Flow Available at POC: 46.59 GPM
Residual Flow Available: 20.59 GPM

Critical Station:
Design Pressure: # -3.2
25 PSI
Friction Loss: 9.5 PSI
Fittings Loss: 0.19 PSI
Elevation Loss: 0 PSI
Loss through Valve: 3.32 PSI
Pressure Req. at Critical Station: 38.8 PSI
Loss for Fittings: 0.14 PSI
Loss for Main Line: 1.37 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Critical Station Pressure at POC: 40.3 PSI
Pressure Available: 50 PSI
Residual Pressure Available: 9.72 PSI

IRRIGATION SCHEDULE POC 4					
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	GPM	RADIUS
	RAIN BIRD PA-8S-PRS-NP-MPR 15LCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	9	LCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15RCS SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	9	RCS	0.45	4'x15'
	RAIN BIRD PA-8S-PRS-NP-MPR 15SST SHRUB SPRAY ON FIXED RISER WITH THE PA-8S-PRS-NP 30 PSI PURPLE PRESSURE REGULATING SHRUB ADAPTER, USE WITH 1/2IN. MPT THREADED RISERS.	44	SST	1.11	4'x30'
	RAIN BIRD 1800-1400 FLOOD 1402 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPPT.	24	360	0.25	3'
	RAIN BIRD 1800-1400 FLOOD 1402 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FIPPT.	32	360	0.5	3'
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY			
	RAIN BIRD PESS-NP-HAN-PRS-D 1-1/2" 1IN., 1-1/2IN., 2IN. DURABLE CHLORINE-RESISTANT REMOTE CONTROL VALVE FOR RECLAIMED WATER APPLICATIONS, WITH SCRUBBER MECHANISM TECHNOLOGY, PURPLE FLOW CONTROL HANDLE, AND PRESSURE REGULATOR MODULE.	4			
	RAIN BIRD ESP/LXM2-1LXM-M-LXMPED W/ (1) ESP/LXM5M12 24 STATION, TRADITIONALLY WIRED, COMMERCIAL CONTROLLER (1) ESP/LXM2 12-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE W/ (1) ESP/LXM5M12 12-STATION EXPANSION MODULE. INSTALL IN LXM-M-LXMPED POWDER COATED, METAL WALL-MOUNTED CABINET W/ PEDESTAL.	1			
	RAIN BIRD WR-2RC WIRELESS RAIN SENSOR COMBO, INCLUDES 1 RECEIVER AND 1 RAIN SENSOR TRANSMITTER.	1			
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 3/4"			1,607	L.F.
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1"			946.0	L.F.
	IRRIGATION LATERAL LINE: PVC CLASS 160 SDR 26-NP 1 1/4"			466.4	L.F.
	IRRIGATION MAINLINE: PVC SCHEDULE 40-NP 1 1/4"			24.0	L.F.



3 TYPICAL IRRIGATION NOTES



MD MagleyDesign

 Landscape Architecture
 Site Planning
 Project Management
 1817 E. Washington Street • Orlando, FL 32801 • 407.758.9456

I S S U E D	
FEBRUARY 17, 2023	CITY OF DELAND
FEBRUARY 20, 2024	CITY OF DELAND
APRIL 30, 2024	CITY OF DELAND

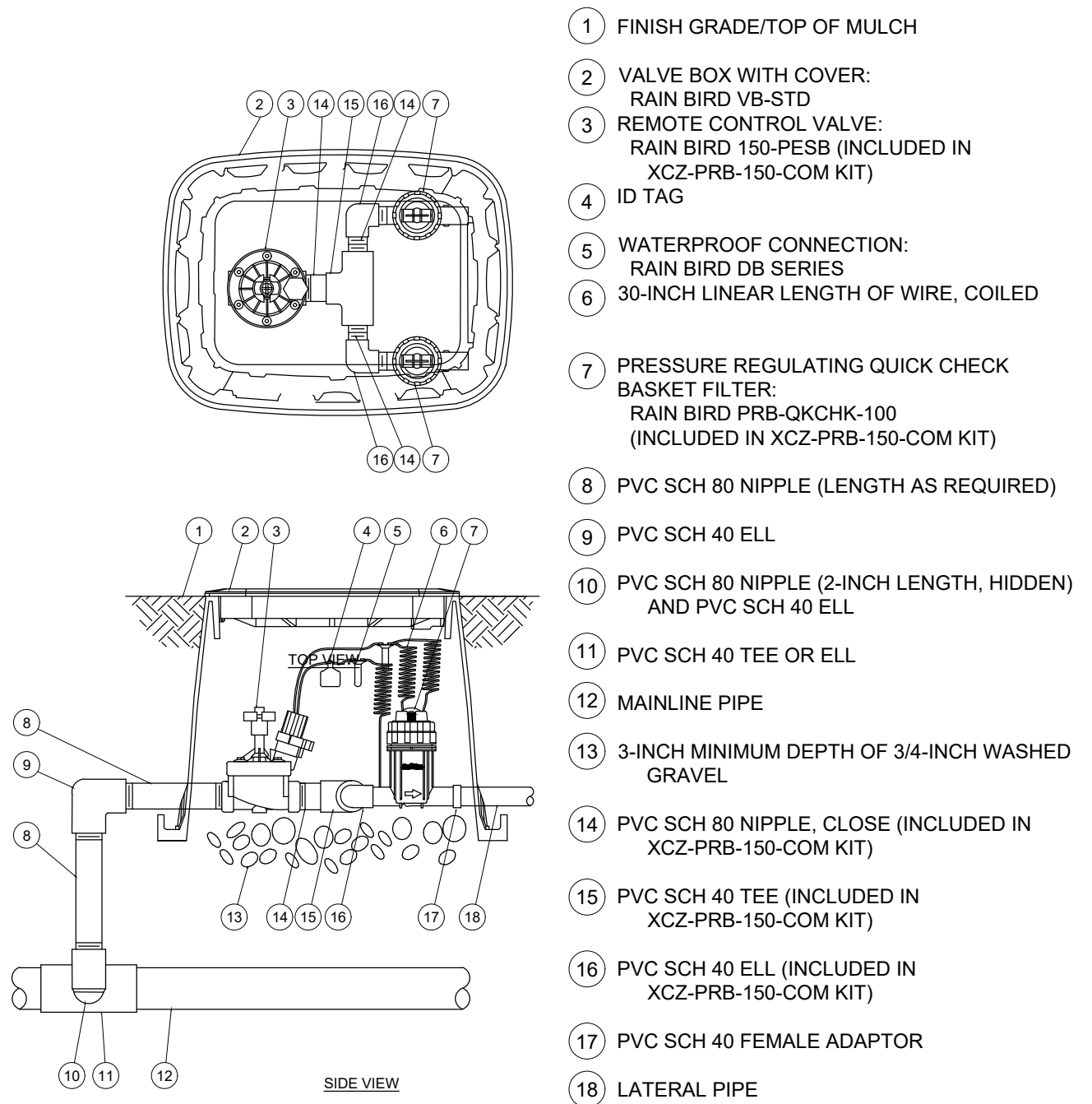
IRRIGATION DETAILS

SCALE AS INDICATED

Page 213 of 265

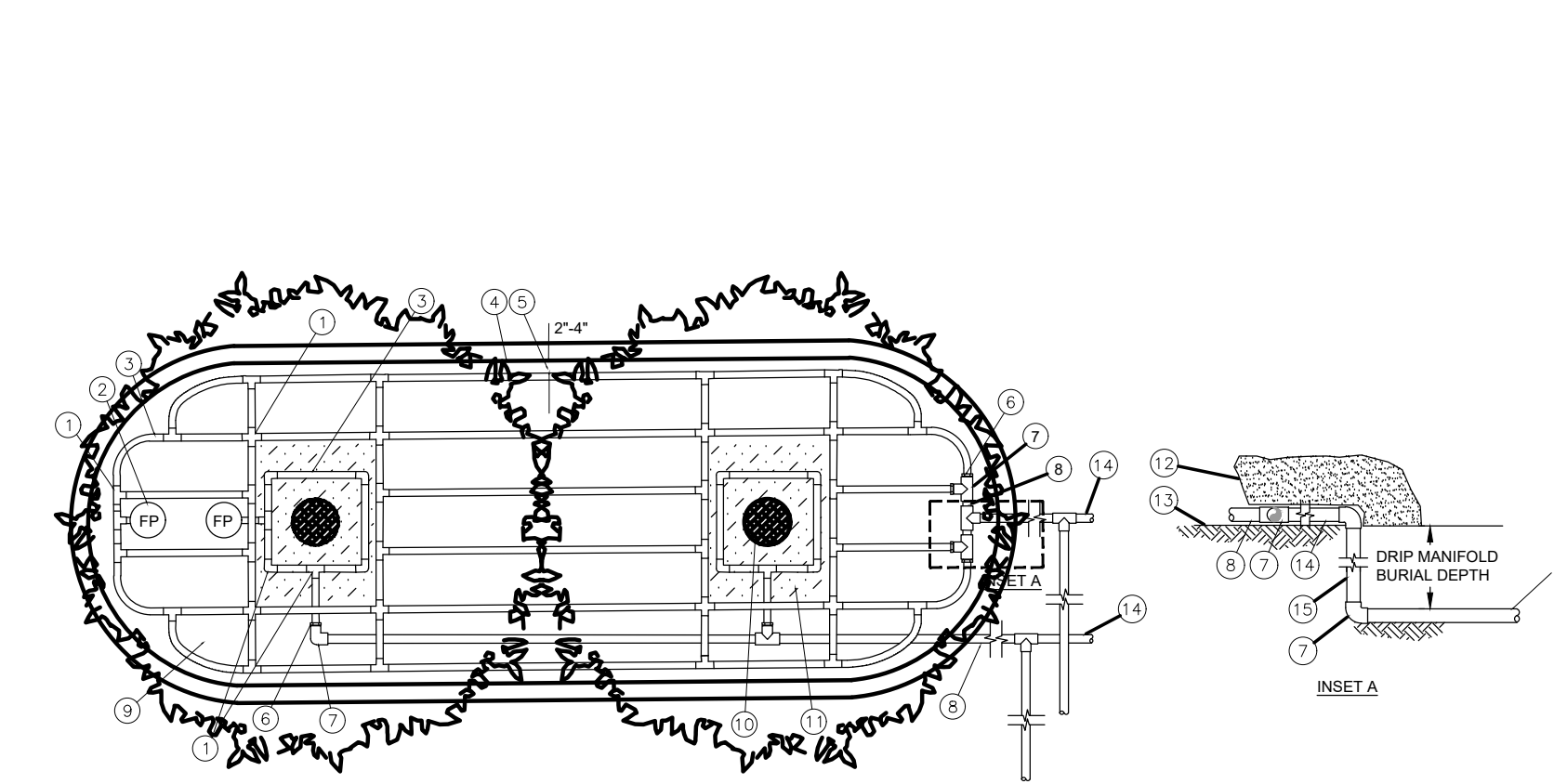
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1 DRIP ELECTRIC CONTROL VALVE

N.T.S. P-CO-68

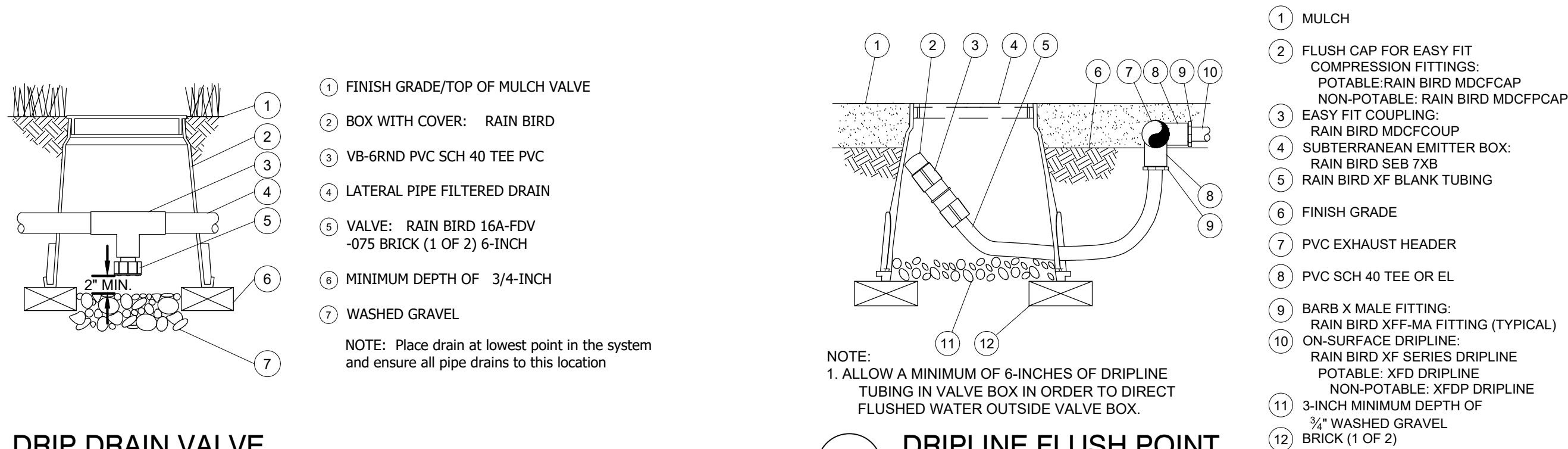


- NOTES:
- DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING.
 - LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
 - PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
 - AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.
 - WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

Inlet Pressure psi	XFD Dripline Maximum Lateral Lengths (Feet)					
	12" Spacing		18" Spacing		24" Spacing	
	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)
15	273	155	314	250	424	322
20	318	169	353	294	508	368
30	369	229	413	360	586	414
40	395	255	465	402	652	474
50	417	285	528	450	720	498
60	460	290	596	455	790	514

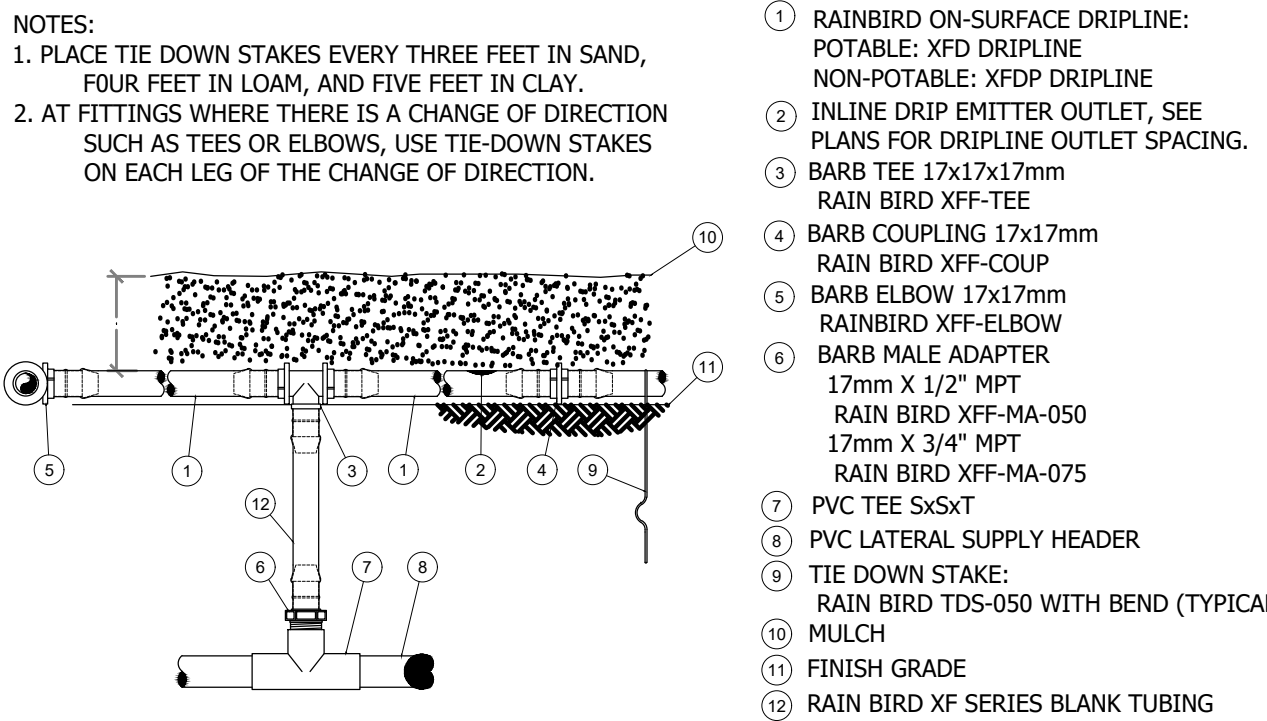
7 XFD ON-SURFACE DRIPLINE PARKING ISLAND WITH TREES

1/2" = 1'-0" P-TR-18



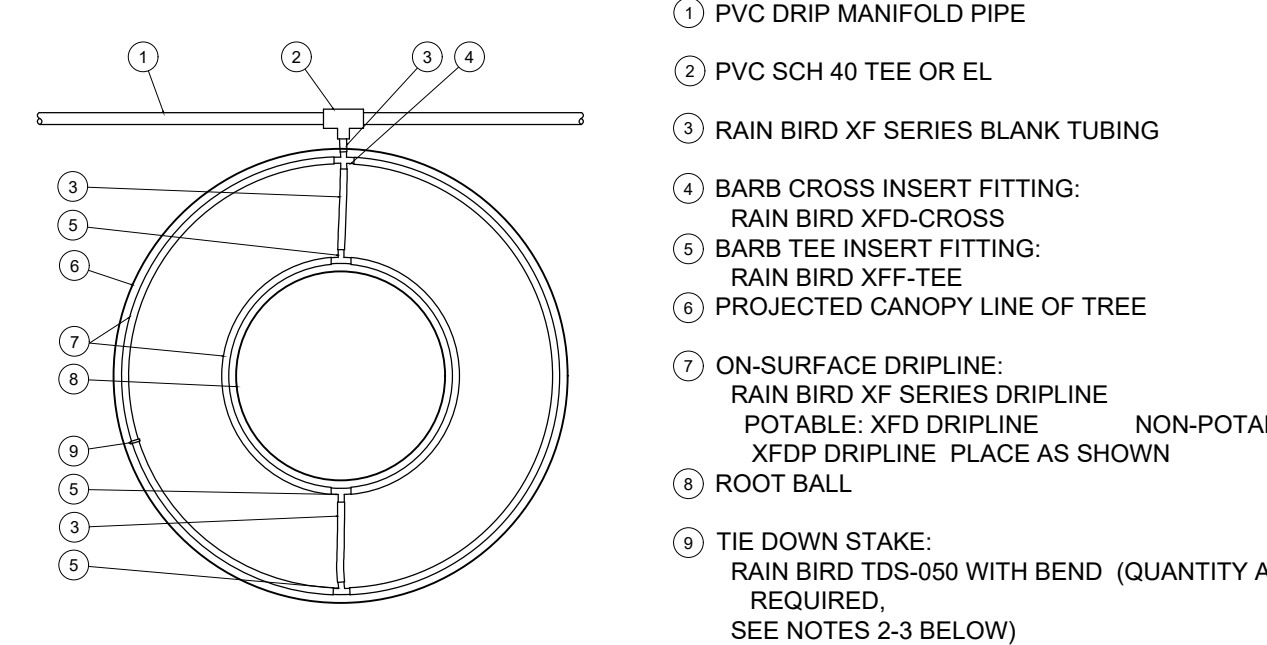
9 DRIP DRAIN VALVE

N.T.S. P-TR-22



2 XFD ON-SURFACE DRIPLINE RISER ASSEMBLY

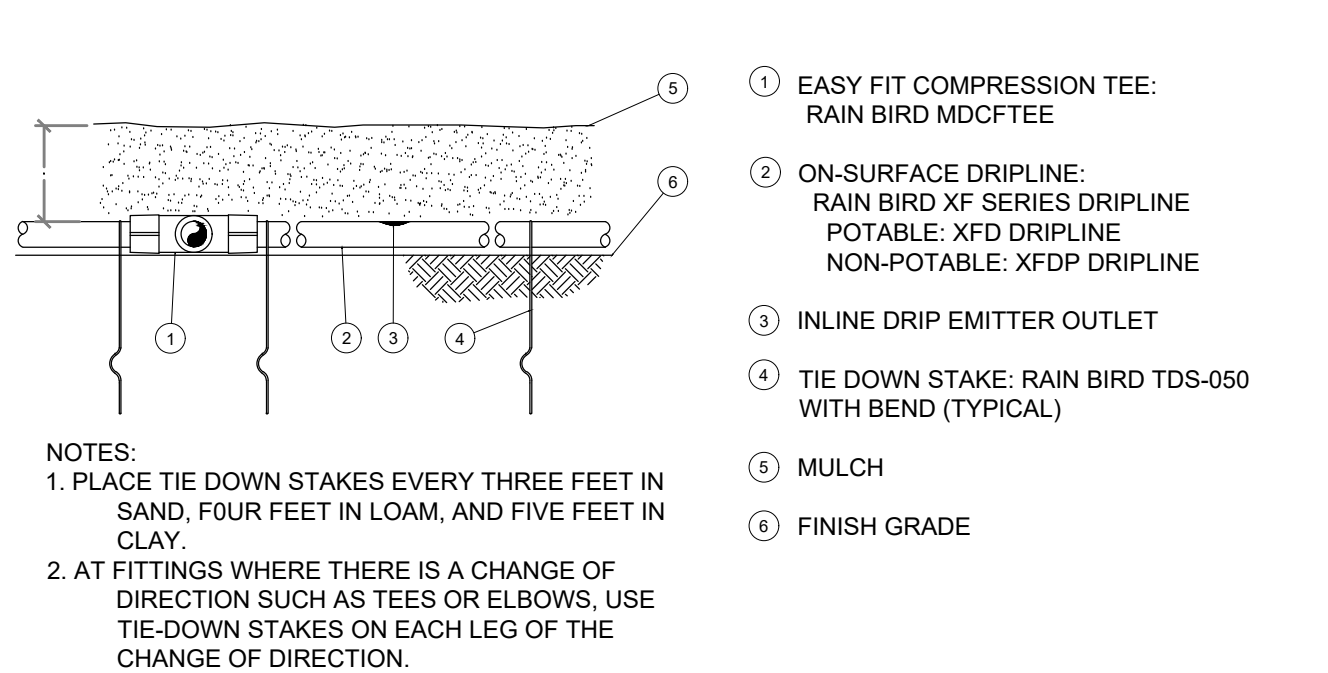
1/2" = 1'-0" P-CO-69



5 XFD ON-SURFACE DRIPLINE AROUND TREE

1/2" = 1'-0" P-TR-16

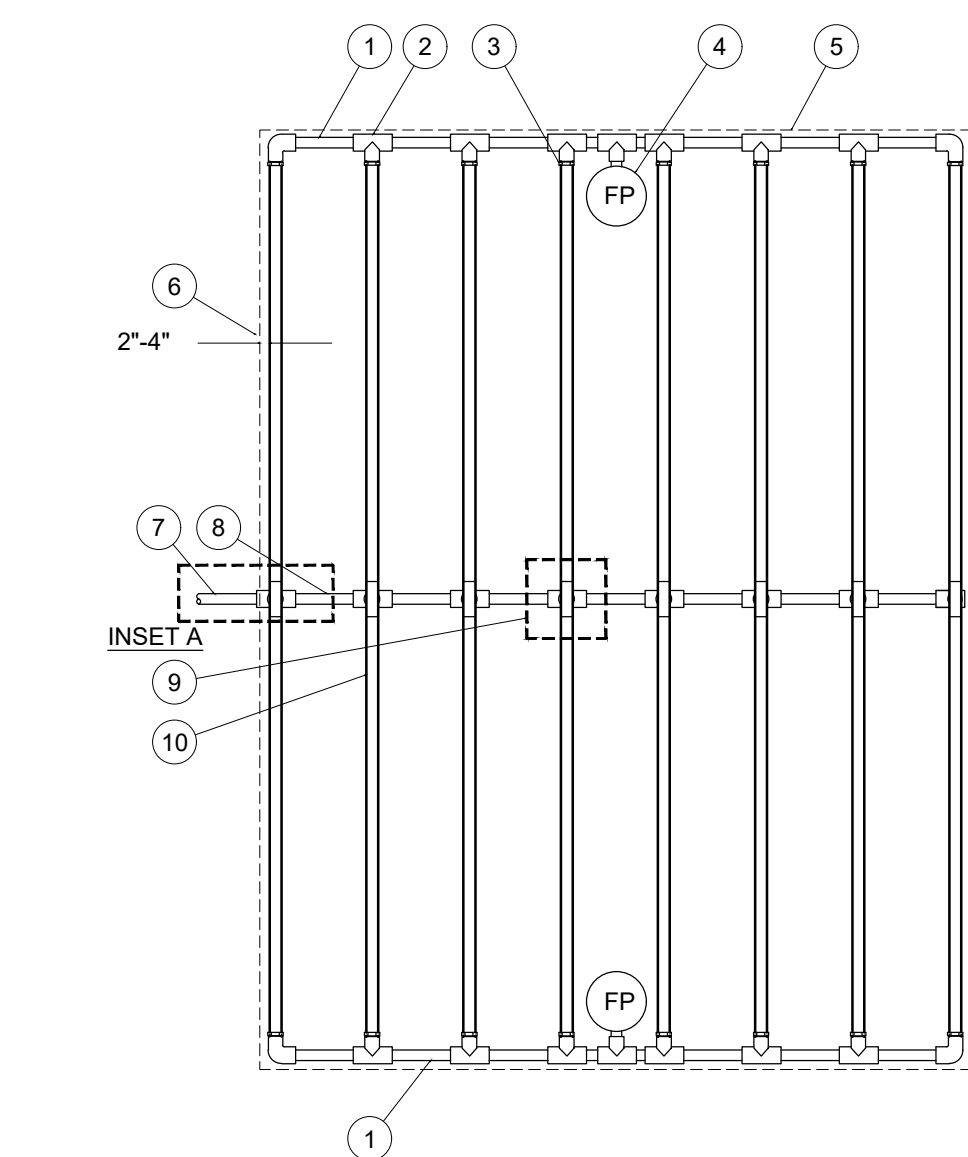
- 1 BARB X BARB INSERT EL, TEE OR CROSS: RAIN BIRD XFF-ELBOW (TYPICAL) RAIN BIRD XFF-TEE (TYPICAL) RAIN BIRD XFD-CROSS (TYPICAL)
2 FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFD FLUSH POINT"
3 ON-SURFACE DRIPLINE PIPE: RAIN BIRD XF SERIES DRIPLINE POTABLE: XFD DRIPLINE NON-POTABLE: XFD DRIPLINE
4 PARKING ISLAND CURB
5 PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PARKING ISLAND CURB
6 BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
7 PVC SCH 40 TEE OR EL (TYPICAL)
8 PVC SUPPLY MANIFOLD
9 SHRUB OR GROUND COVER BED
10 TREE (TYPICAL)
11 MULCH BED FOR TREE
12 2-3 INCHES DEPTH OF MULCH
13 FINISH GRADE
14 PVC DRIP MANIFOLD FROM RAIN BIRD CONTROL ZONE VALVE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
15 PVC RISER PIPE



3 XFD ON-SURFACE DRIPLINE AT GRADE

N.T.S. P-TR-15

- NOTES:
- DISTANCE BETWEEN LATERAL RINGS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, AND TREE CANOPY. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING.
 - PLACE TIE DOWN STAKES EVERY THREE FEET IN SAND, FOUR FEET IN LOAM, AND FIVE FEET IN CLAY.
 - AT FITTINGS WHERE THERE IS A CHANGE OF DIRECTION SUCH AS TEES OR ELBOWS, USE TIE-DOWN STAKES ON EACH LEG OF THE CHANGE OF DIRECTION.

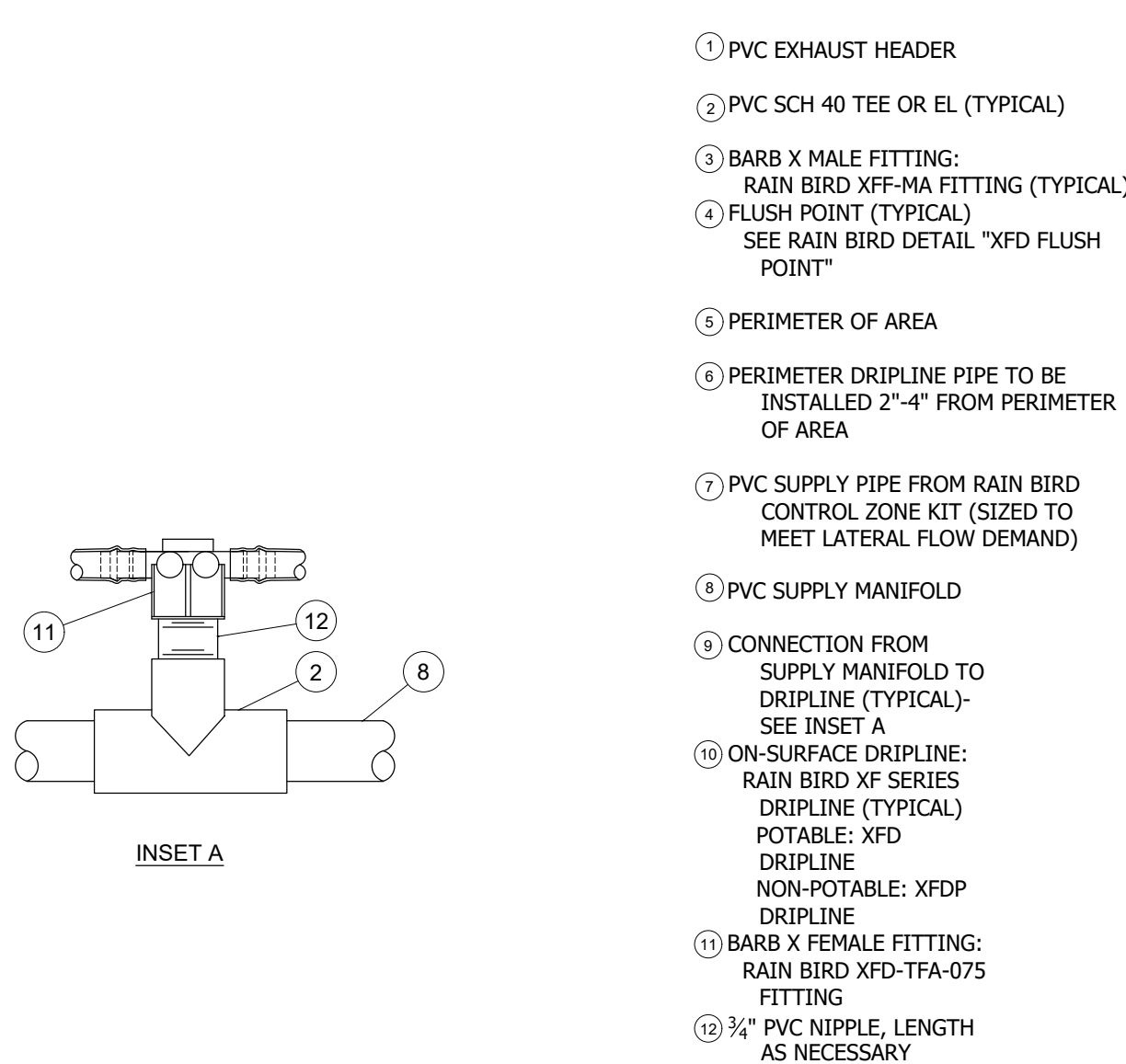


- NOTES:
- DISTANCE BETWEEN LATERAL ROWS AND EMITTER SPACING TO BE BASED ON SOIL TYPE, PLANT MATERIALS AND CHANGES IN ELEVATION. SEE INSTALLATION SPECIFICATIONS ON RAIN BIRD WEB SITE (WWW.RAINBIRD.COM) FOR SUGGESTED SPACING.
 - LENGTH OF LONGEST DRIPLINE LATERAL SHOULD NOT EXCEED THE MAXIMUM SPACING SHOWN IN THE ACCOMPANYING TABLE.
 - WHEN USING 17MM INSERT FITTINGS WITH DESIGN PRESSURE OVER 50PSI, IT IS RECOMMENDED THAT STAINLESS STEEL CLAMPS BE INSTALLED ON EACH FITTING.

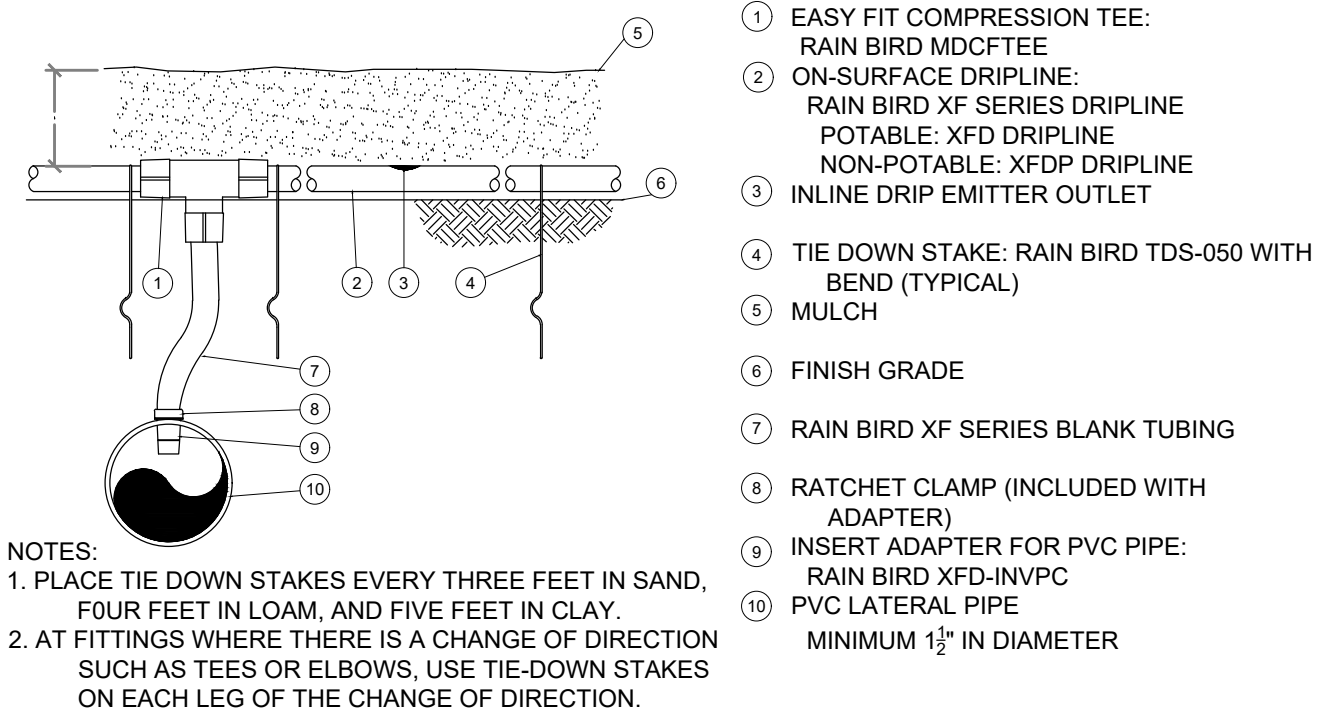
Inlet Pressure psi	XFD Dripline Maximum Lateral Lengths (Feet)					
	12" Spacing		18" Spacing		24" Spacing	
	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)	Nominal Flow (gph)
15	273	155	314	250	424	322
20	318	169	353	294	508	368
30	369	229	413	360	586	414
40	395	255	465	402	652	474
50	417	285	528	450	720	498
60	460	290	596	455	790	514

8 XFD ON-SURFACE DRIPLINE CENTER FEED LAYOUT

1/2" = 1'-0" P-TR-21

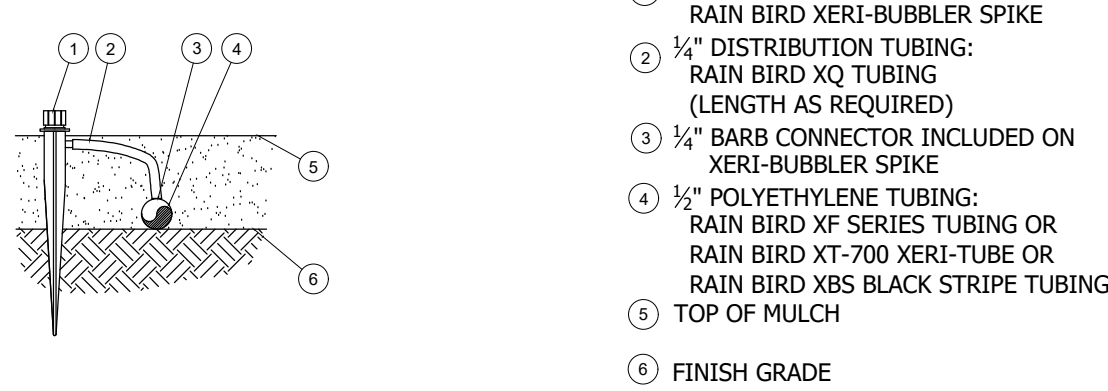


- 1 PVC EXHAUST HEADER
2 PVC SCH 40 TEE OR EL (TYPICAL)
3 BARB X MALE FITTING: RAIN BIRD XFF-MA FITTING (TYPICAL)
4 FLUSH POINT (TYPICAL) SEE RAIN BIRD DETAIL "XFD FLUSH POINT"
5 PERIMETER OF AREA
6 PERIMETER DRIPLINE PIPE TO BE INSTALLED 2"-4" FROM PERIMETER OF AREA
7 PVC SUPPLY PIPE FROM RAIN BIRD CONTROL ZONE KIT (SIZED TO MEET LATERAL FLOW DEMAND)
8 PVC SUPPLY MANIFOLD
9 CONNECTION FROM SUPPLY MANIFOLD TO DRIPLINE (TYPICAL)- SEE INSET A
10 ON-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE (TYPICAL) POTABLE: XFD DRIPLINE NON-POTABLE: XFD DRIPLINE
11 BARB X FEMALE FITTING: RAIN BIRD XFD-TFA-075 FITTING
12 3/4" PVC NIPPLE, LENGTH AS NECESSARY



4 XFD ON-SURFACE DRIPLINE INSERT ADAPTER

N.T.S. P-TR-17



- NOTES:
- USE RAIN BIRD XERIMAN TOOL XM-TOOL TO INSERT BARB CONNECTOR DIRECTLY INTO 1/2-INCH POLYETHYLENE TUBING.
 - RAIN BIRD XERI-BUBBLER SPIKES AVAILABLE IN THE FOLLOWING MODELS: SBX-180-SPYK - HALF CIRCLE - 5 STREAMS - 13 GPH MAX SBX-360-SPYK - FULL CIRCLE - 8 STREAMS - 13 GPH MAX UXB-360-SPYK - FULL CIRCLE - UMBRELLA - 35 GPH MAX

6 XERI-BUBBLER SPIKE ON 1/2" POLYETHYLENE TUBING

N.T.S. P-TR-19



Seal		
Mary Katherine Magley State of Florida Lic. No.: LA 0001375		
REVISIONS		
REVISION NUMBER	REVISION DESCRIPTION	REVISION DATE
1	CITY COMMENTS	02/20/2024
2	CITY COMMENTS	05/21/2024
3	CITY / OWNER COMMENTS	06/11/2024

ISSUED	
FEBRUARY 17, 2023 DATE: FEBRUARY 20, 2024 APRIL 30, 2024	CITY OF DELAND CITY OF DELAND CITY OF DELAND

SUMMIT PLACE DeLand/DR Horton

IRRIGATION DETAILS

PROJECT NUMBER:	MD#2303
DATE:	JANUARY 17, 2023
DRAWN BY:	MD
CHECKED BY:	MMK

SCALE AS INDICATED

IR12

SIDE BY SIDE
FRONT ELEVATION



INTERIOR

END



INTERIOR

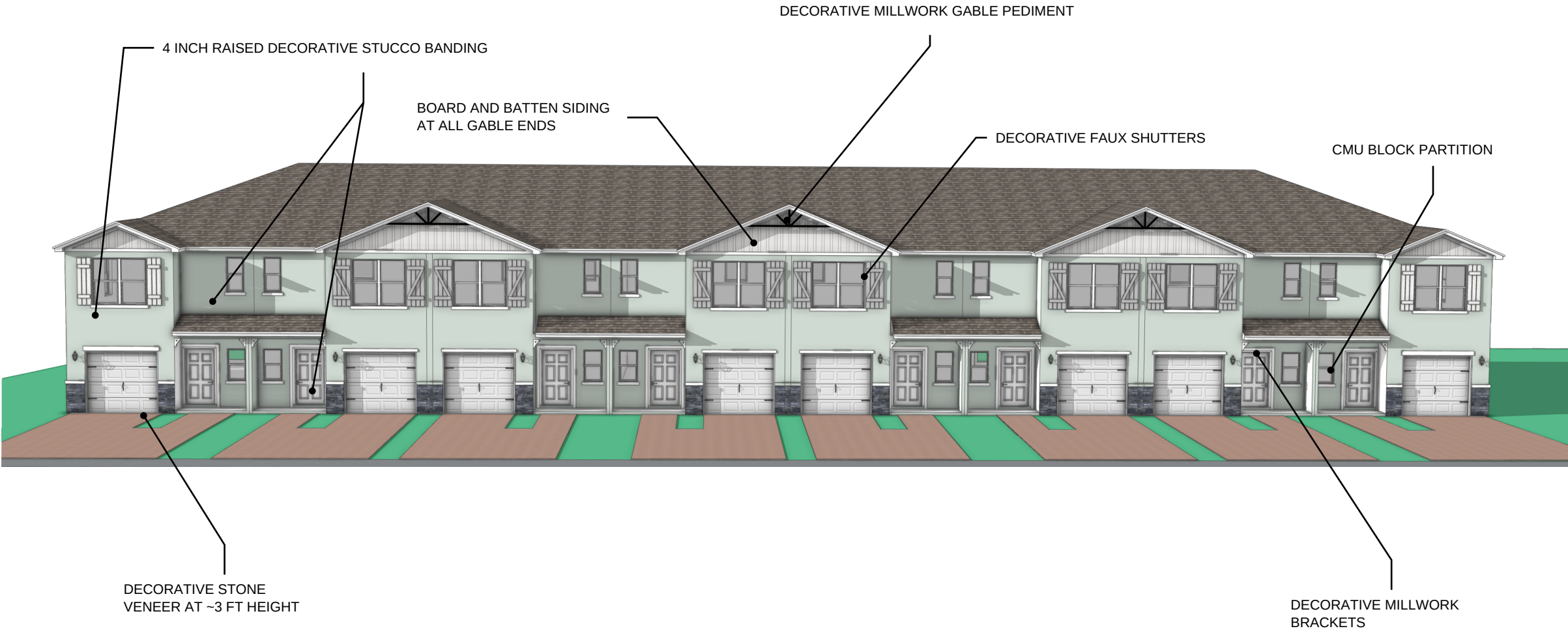
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INTERERIOR

END

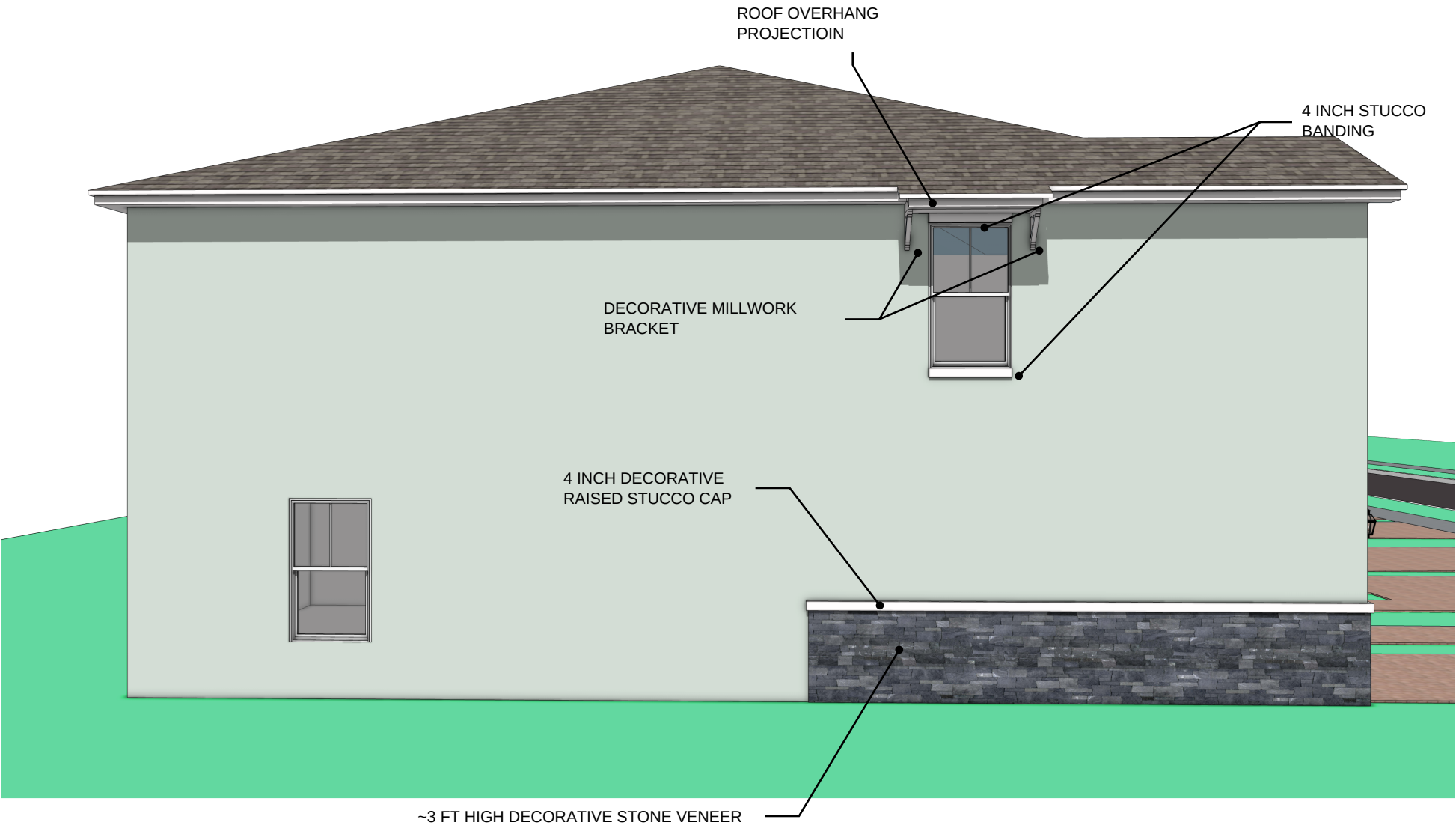
FARMHOUSE INSPIRED
FRONT ELEVATION



FARMHOUSE INSPIRED

SIDE ELEVATION

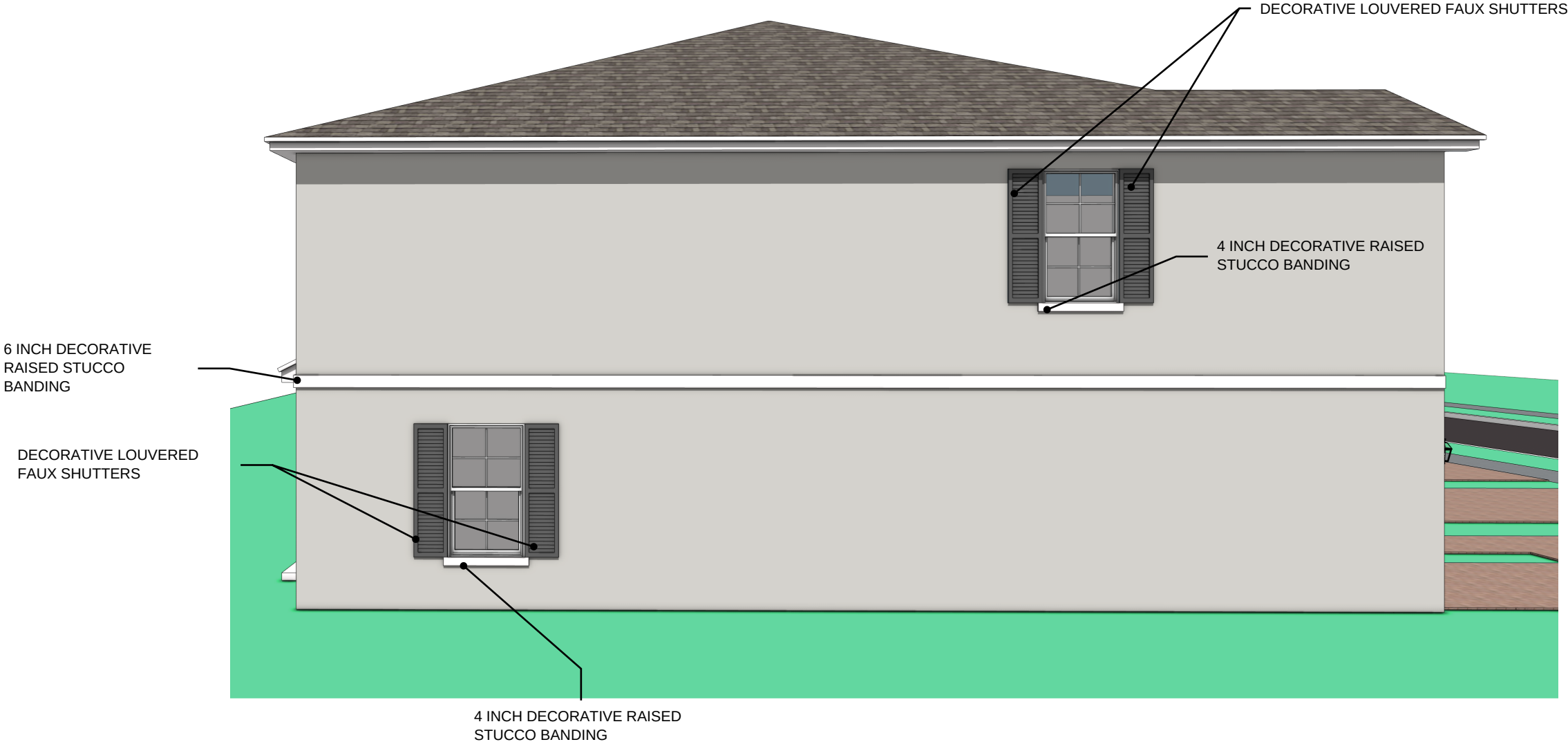
Elevation applies to ROW/open spaces only



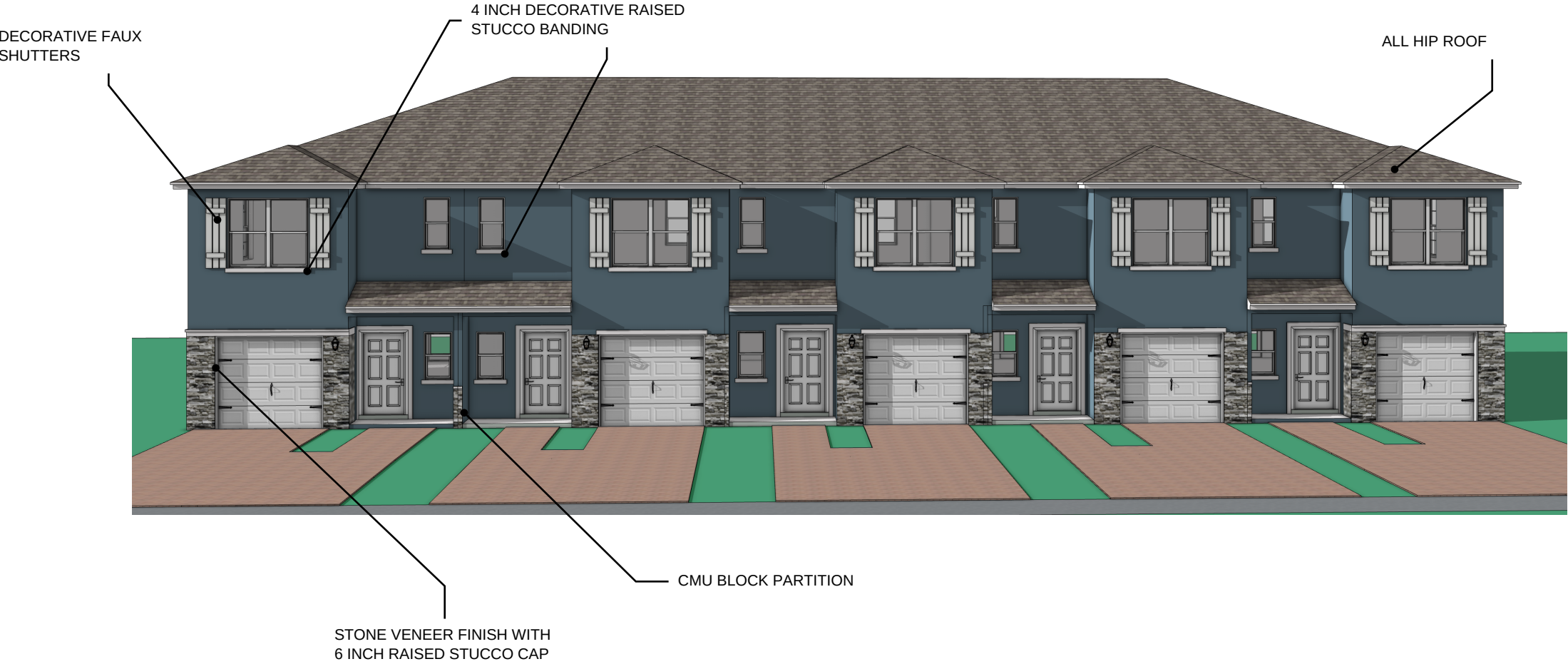
CAPE COD INSPIRED
FRONT ELEVATION



CAPE COD INSPIRED
SIDE ELEVATION
Elevation applies to ROW/open spaces only



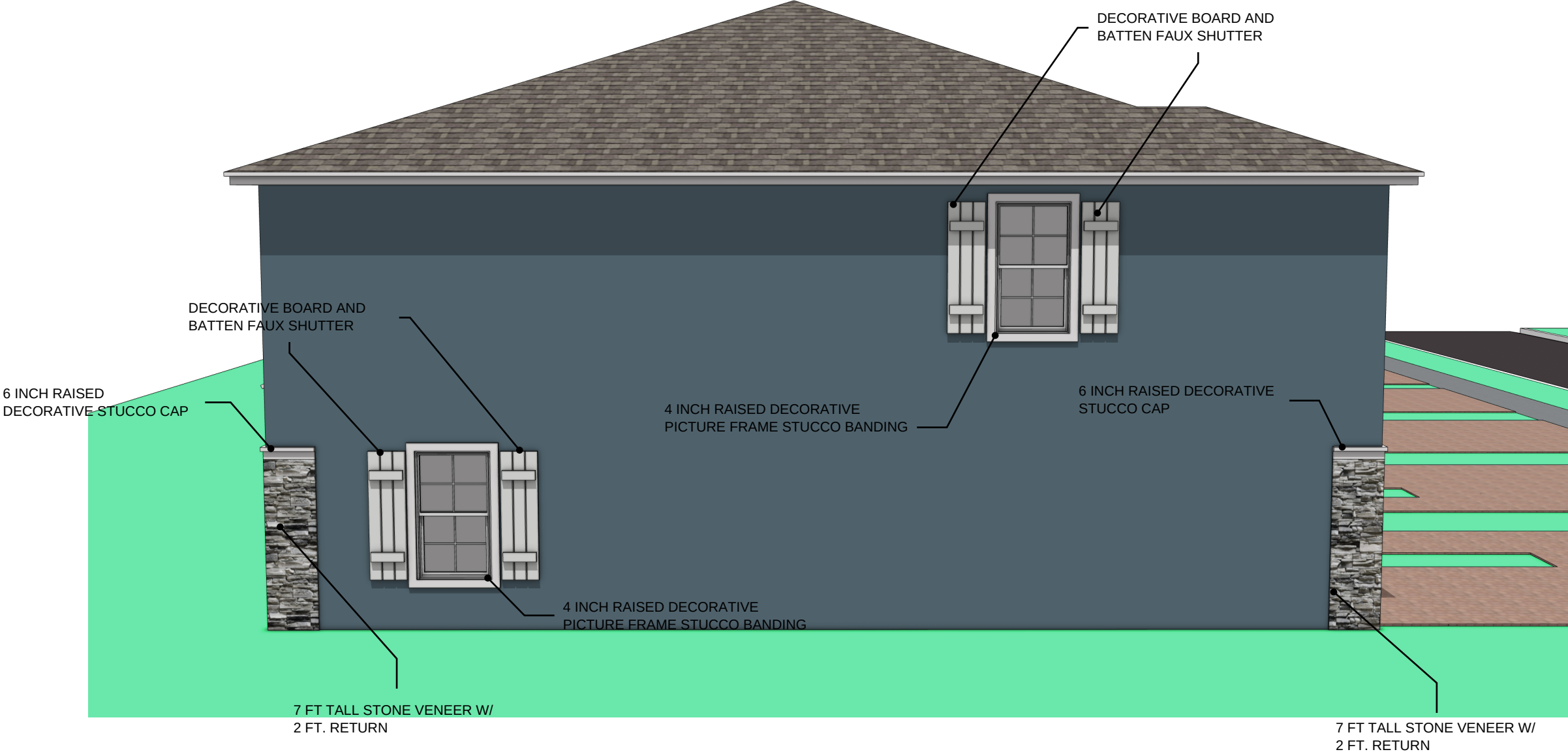
FRENCH PROVINCIAL INSPIRED
FRONT ELEVATION

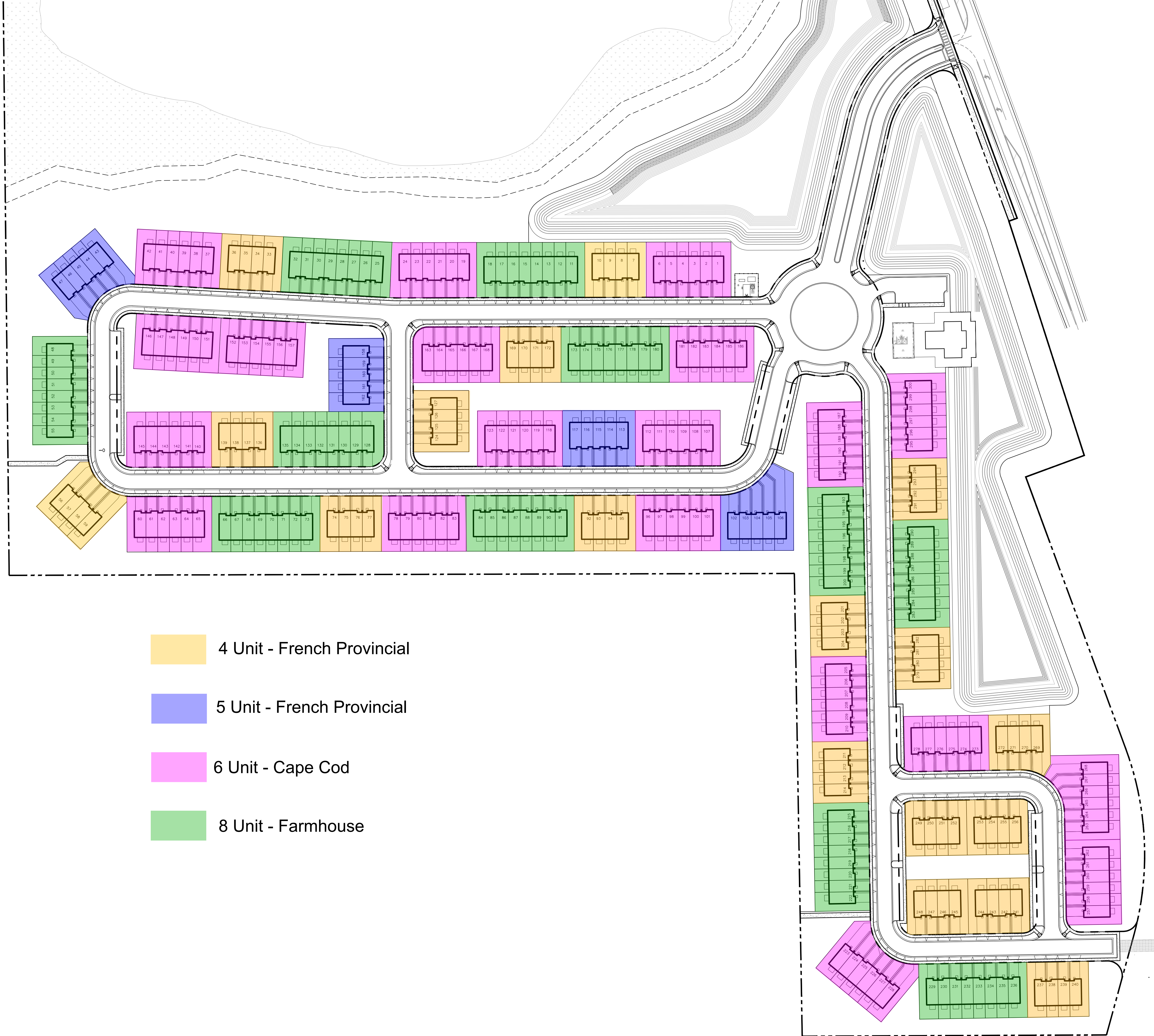


FRENCH PROVINCIAL INSPIRED

SIDE ELEVATION

Elevation applies to ROW/open spaces only

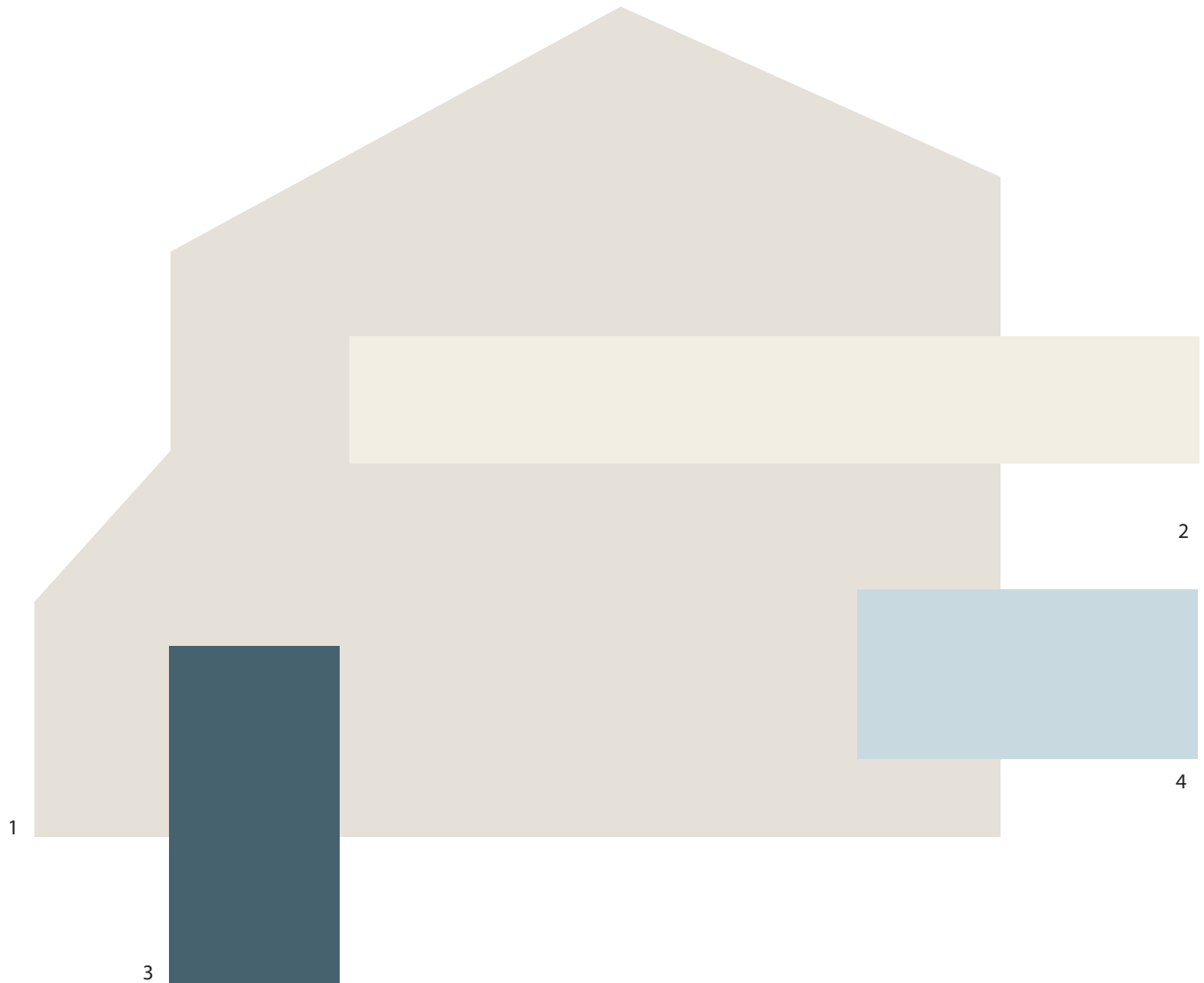






SCHEME 1

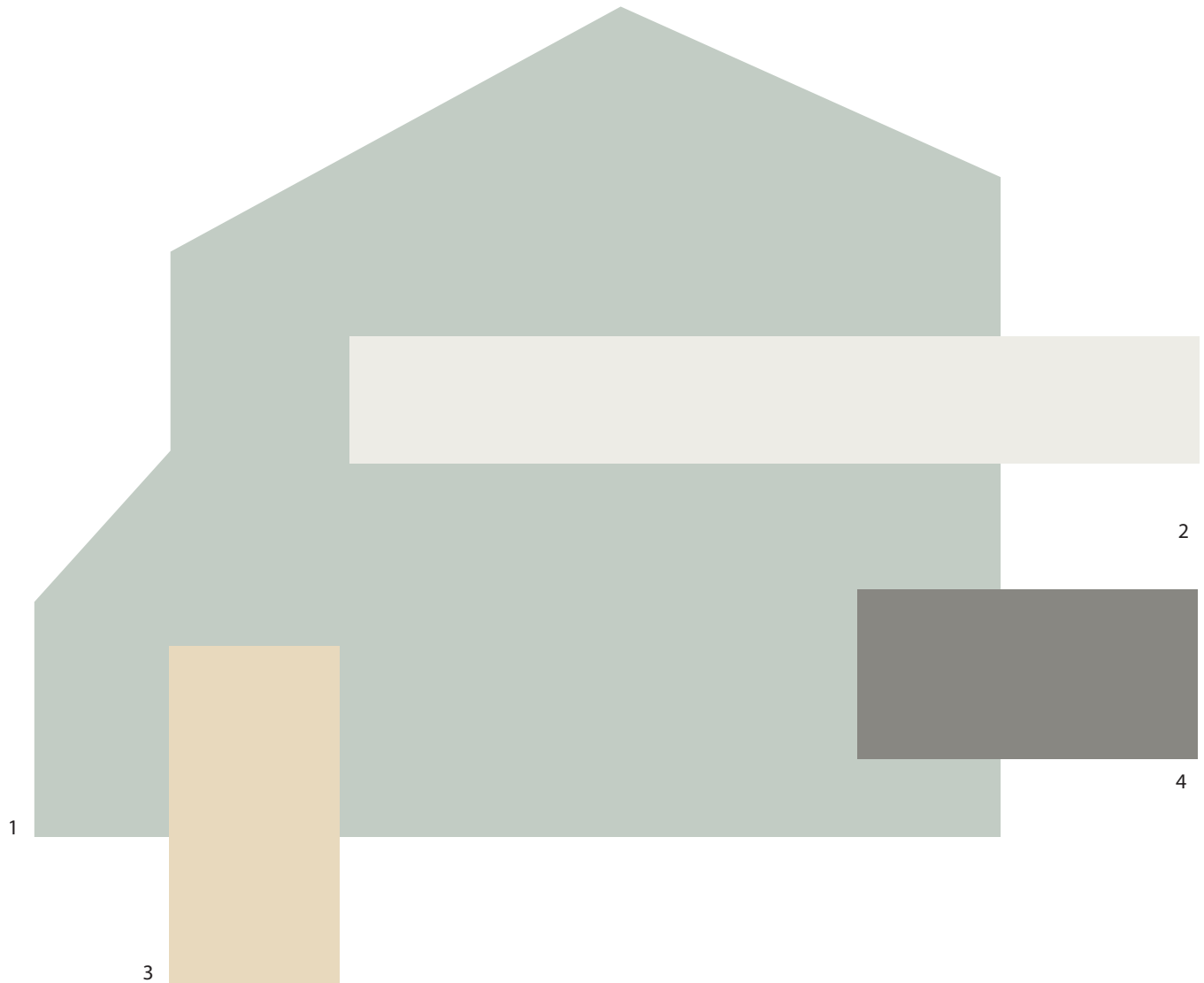
- | | |
|-------------------------|-----------------------|
| 1 Body | SW 7004 Snowbound |
| 2 Trim | SW 9166 Drift of Mist |
| 3 Front Door & Shutters | SW 7616 Breezy |
| 4 Accent Body | SW 6189 Opaline |



SCHEME 4

- 1 Body
- 2 Trim
- 3 Front Door & Shutters
- 4 Accent Body

SW 6070 Heron Plume
SW 7566 Westhighland White
SW 0048 Bunglehouse Blue
SW 9144 Moonmist



SCHEME 10

- 1 Body
- 2 Trim
- 3 Front Door & Shutters
- 4 Accent Body

SW 0068 Copen Blue
SW 7005 Pure White
SW 2833 Roycroft Vellum
SW 0077 Classic French Gray



SCHEME 11

- | | |
|-------------------------|-----------------------------|
| 1 Body | SW 6224 Mountain Air |
| 2 Trim | SW 7006 Extra White |
| 3 Front Door & Shutters | SW 0077 Classic French Gray |
| 4 Accent Body | SW 9134 Delft |



SCHEME 16

- 1 Body
- 2 Trim
- 3 Front Door & Shutters
- 4 Accent Body

SW 7649 Silverplate
SW 7006 Extra White
SW 6477 Tidewater
SW 6257 Gibraltar

**PLANNING DEPARTMENT STAFF REPORT
TO
PLANNING BOARD**

June 12, 2024

APPLICATION: PSB23-029

SUBJECT: Preliminary Plat for Towns at Summit Place

1. **Location:** SW of Daytona State College, NW corner of I-4 and N. Summit Ave.
(County Road 4139)

2. **Applicant:** Mr. Mark Watts, Esq., Cobb Cole

3. **Size:** 59.90+/- Acres

4. **Existing Zoning & Land Use:**

Land Use: Gateway/Activity Center

Zoning: PD (Planned Development)

5. **Surrounding Conditions:**

	SURROUNDING USE:	SURROUNDING ZONING:
North:	Low Density Residential	Park Lake Estates PD
South:	VC: Rural	VC: A-2 & VC: A-3
East:	VC: Public/Semi Public (NE) & VC: Rural (SE)	VC: P (NE) & VC: A-1 (SE)
West:	Low Density Residential	R-1A

6. **Applicable Regulations:**

Sec. 33-146.03 – Preliminary plat.

First Amended & Restated Summit Place Planned Development - Approved May 2024

7. **Physical Characteristics:**

The subject property is located southwest of Daytona State College, northwest corner of the intersection of I-4 and north Summit Ave. (CR 4139) and a portion of northeast corner of I-4 and north Summit Ave. The property is entirely wooded with mature trees and vegetation. The undeveloped site is 59.90+/- acres made up of 42.75+/- acres of upland across the site and 17.148+/- acres of wetlands/lake area located at the north of the site.

8. **Public Utilities and Service:**

Water: The proposed development will be served by City potable water facilities.

Sewer: The proposed development will be served by City sanitary sewer facilities.

Irrigation: The proposed development will be served by City reclaimed water facilities.

9. **TYPE OF DEVELOPMENT**

The applicant seeks to develop the subject property into a 300-lot townhome subdivision. The approved Planned Development Agreement allows a maximum of 300 multi-family units that will be developed on the west side of north Summit Ave. (CR 4139). The east side of north Summit Ave. (CR 4139) will be developed as commercial/mixed use.

Dimensions:

	Land Development Regulations (R-16)	Adopted Planned Development
Minimum lot area	10,000 SF for first three units plus 2,725 SF for each additional unit	1,886 SF (<i>interior townhome unit</i>) 3,000 SF (<i>exterior townhome unit</i>)
Max building length	150-ft	165-ft (<i>8-unit townhome building</i>)

All the lots in the proposed plan meet the minimum dimensions and lot area standards for the Planned Development.

The residential portion of the project will be completed in 2 phases. Phase I will include 186-units, open space areas, and a mulch trail around the southern portion of Lake Tatum. Phase II will include the primary amenity center, additional open space areas and 114-units. Additional development enhancements will be provided as well as pedestrian and bike access to the neighboring southwest properties, a future City-owned park, and a possible future school.

10. ANALYSIS:

The proposed subdivision is located west of north Summit Ave. (CR 4139) and west McKenzie Ave. Primary access to the subdivision will be via north Summit Ave., secondary access will be from west McKenzie Ave. Summit Ave. (CR 4139) and West McKenzie Rd. are county owned and maintained, the applicant will need to apply for Use Permits from Volusia County. The applicant is currently working on addressing outstanding Traffic Impact Analysis comments from Volusia County Traffic Engineering. The latest outstanding comments are attached.

The development has been designed to utilize the existing topography and drainage conditions identified on the property to minimize impact to the site. As required by section 33-57.07(b) of the Land Development Regulations, a minimum of 15% of the subject property will be dedicated as Tree Protection Area (TPA). The development will be required to maintain a minimum buffer of 25' in width, except along the interstate where there shall be a 15' wide buffer. Special attention and effort shall be given to the preservation of the Tatum Lake ecosystem by incorporating wetland protection, wetland buffers, and stormwater runoff filtration. The development shall integrate wetlands and other environmentally sensitive lands into the open space network.

The existing Lake Tatum is located to the North of the site, and two stormwater ponds are proposed southeast of Lake Tatum. In addition to these Stormwater ponds, the environmental buffers have been incorporated into the design of the subdivision as well as methods of Low Impact Development (LID). Supplemental plantings will enhance the functionality and aesthetics of these retention areas using predominantly Florida-Friendly Landscaping. The applicant has already obtained a permit from the St. John's River Water Management District (SJRWMD) and has submitted their Florida Department of Environmental Protection (FDEP) applications for review.

A school concurrency letter dated April 13, 2023 was provided by the Volusia County School Board with the proposed use of a 300-unit Multi-Family development. This letter from the school board offers no objections to the development.

City Commission approved the request for rezoning of the subject property from Summit Place Planned Development to First amended and restated Summit Place Planned Development on May 20, 2024.

Outstanding Issues: Staff and the City's architect have reviewed the proposed elevations and find that the proposed elevations are not varied thereby creating a monotonous repetition of identical structures on a single site. The applicant has made minor changes, such as altering the shutters on the building facades, but has not varied the building elevations. This monotonous repetition leads to a canyon-like feel throughout the development. The recently-approved Planned Development Agreement includes language regarding consistency with the Community Design Standards. Furthermore, the Lake Winnemissett Local Gateway Plan calls for varied architecture to reduce monotonous appearance of buildings.

Staff and the City's architect have met with the applicant to discuss the need for a variety of facades to limit or reduce the monotonous appearance. This concern has been consistently raised with the applicant since the initial sketch plan application. However, the most recent submittal does not reduce or eliminate the monotonous appearance.

Therefore, staff has included a condition of approval regarding the need for revised architectural elevations to be submitted and reviewed prior to scheduling this item before the City Commission. Enhanced architectural features such as varied porches, garage overhangs, front porch railings, differing materials, siding, and color changes are needed to reduce the monotonous repetition.

The proposed plat is not consistent with the adopted Planned Development agreement, concept plan, and applicable land development regulations in that it does not meet the Community Design Standards or the Lake Winnemissett Local Gateway Plan. Prior to construction, a separate site plan must be submitted for any model homes or temporary offices being permitted.

At the April 18, 2024 Technical Review Committee meeting, members recommended the Preliminary Plat be forwarded on to the Planning Board, subject to the addressing of Staff comments. The remaining Staff comments are attached.

11. STAFF RECOMMENDATION:

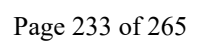
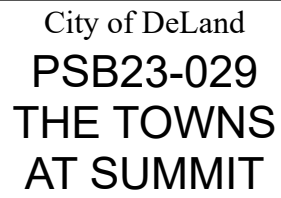
Staff recommends that the Planning Board conditionally approve the preliminary plat, subject to the following conditions of approval:

1. All outstanding TRC comments shall be addressed to the satisfaction of City Staff prior to scheduling this item for City Commission review.
2. Updated architectural elevations that remove the monotonous appearance and include a variety of materials, colors, and wall plane variation shall be submitted and review prior to scheduling this item for City Commission review.



City of DeLand
PSB23-029
THE TOWNS
AT SUMMIT





CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: First Reading of Ordinance Amending Chapter 21, Section 21-12, Trespass Warnings on Public Property.

DEPARTMENT: Legal

PREPARED BY: Darren Elkind, City Attorney

ATTACHMENTS: Trespass Appeal Ordinance

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

City police officers and other city employees have the need at times to issue trespass warnings to people who are violating laws or adopted rules on public property or in public buildings. Whereas a person can be trespassed from private property simple because the private property owner wants the person trespassed, on public property persons can only be trespassed if they are violating a law or rule. Moreover, current case law regarding due process rights provides that local governments that issue a trespass warning to a person preventing them from being a particular public property or building, must afford that person a due process hearing so that they can appeal the decision. The attached ordinance codifies precisely when a person can be trespassed from public property and sets up an appeal process.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High value government.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

In the event a person was to challenge a trespass warning, the City would have to incur the cost for a hearing officer. However, it is not anticipated that there will be many of these hearings requested. Otherwise, there is no fiscal impact associated with this ordinance.

RECOMMENDATION:

It is recommended that the City Commission approve the attached Ordinance.

BACKGROUND/DISCUSSION:

The process of providing trespass warnings to individuals on public property implicates constitutional issues at both the state and federal level. The Due Process Clause of the constitution prohibits state and local governments from depriving individuals of their property rights without due process of law. To meet the constitutional due process requirements individuals must be provided reasonable notice and an opportunity to be heard.

The seminal case involving due process is *Matthews v. Eldridge*, 424 U.S. 319 (1976), wherein the U.S.

Supreme Court established a test to be applied by the courts in determining whether constitutional requirements of due process of law have been met. The courts must consider (1) nature of the private interest (2) risk of erroneous deprivation of procedures used and probable value of additional or substitute procedural safeguards and (3) government's interest including fiscal and administrative burdens of additional or substitute requirements. Citizens have a right to be on public property. However, when a person violates a state law or city ordinance or rule on public property or in a public building, the government can take away that right by issuing a trespass warning from the place where the violation was committed. If a person violates the trespass warning, they have committed a crime under state law and are subject to arrest.

The law that has evolved provides that if a person issued a trespass warning, which effectively prevents them from being on public property, then they must be afforded a hearing to contest the issuance of the trespass warning without having to get arrested and challenge the warning in the criminal court. A hearing requires an opportunity to be heard at a meaningful time and in a meaningful manner. A post-deprivation hearing (in other words, a hearing that is held after the trespass warning is issued) can satisfy the principles of due process. *Catron v. City of St. Petersburg*, 658 F.3d 1260 (11th Cir. 2011) (citing *Gilbert v. Homar* 520 U.S. 924, 117 (1997)). The City will use its contracted hearing officer to conduct hearings if they are requested.

The proposed Ordinance has been drafted in a manner that provides clarity as to how trespass warnings are to be contested. Numerous local governments in Florida have passed ordinances which provide a means for contesting trespass warnings. Any ordinance affecting due process rights should be specific as to what constitutes a violation and provide for a process to contest the violation. The ordinance that is proposed to the City Commission has been developed in a manner to ensure maximum enforceability and to endure legal challenges.

Following are some of the highlights of the proposed ordinance:

- (1). It provides for the amount of time the trespass warning is in effect for the first and subsequent violations
- (2). It provides for the individual receiving the trespass warning to be given a copy.
- (3). It provides the process for exceptions for individuals to re-enter City property under certain limited circumstances.
- (4). It provides for an appeal process for individuals receiving a trespass warning.

ORDINANCE NO. 2024 -

AN ORDINANCE OF THE CITY COMMISSION OF DELAND, FLORIDA, AMENDING CHAPTER 21 “OFFENSES” OF THE CODE OF ORDINANCES OF THE CITY OF DELAND BY AMENDING SECTION 21-12, TO PROVIDE FOR THE AUTHORIZATION OF TRESPASS WARNINGS ON PUBLIC PROPERTY AND AN APPEAL PROCEDURE; AND BY PROVIDING FOR CODIFICATION, SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, persons who are trespassed from publicly owned properties must be afforded an opportunity to have a hearing to challenge the issuance of the trespass warning; and

WHEREAS, the City Commission desires to adopt an ordinance providing for an appeal process and further providing specifically the reasons for which a person can be issued a trespass warning preventing that person from being on a particular City property; and

WHEREAS, the City Commission finds that the adoption of this Ordinance helps to ensure that all citizens are afforded due process and protects the rights of the public to be on or in public properties; and

WHEREAS, the City Commission finds that the adoption of this Ordinance protects the health, safety and welfare of the public.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. Legislative Findings and Intent. The City Commission of the City of DeLand hereby adopts and incorporates into this Ordinance the recital (whereas clause) to this Ordinance and the City staff report relating to this Ordinance.

Section 2. Amendment to Chapter 21, Offenses. A new Section 21-12 of *the Code of Ordinances of the City of DeLand, Florida*, is hereby adopted to read, in full, as follows:

Sec. 21-12. - Trespass warnings on public property.

- (a) The city manager and law enforcement officers are authorized to issue a trespass warning to any individual who violates any city ordinance, rule, regulation, written policy or state law, which violation was committed on or within any city maintained or owned public properties, buildings. The trespass warning will apply to the property at which the violation occurred. No person shall be issued a trespass warning from any public right-of-way (right-of-way for purpose of this Section means streets, road

shoulders and sidewalks adjacent to streets) unless such right-of-way is closed to the public.

- (b) Trespass warnings issued to any person shall be for a period not to exceed one year.
- (c) A copy of the trespass warning shall be provided by mail or hand delivered to the person receiving the trespass warning. The written trespass warning shall advise of the right to appeal and the location at which to file the appeal. The trespass warning shall identify the property to which the trespass warning applies by common name or address.
- (d) Any person found on or within any city maintained or owned public property, building, and city parks in violation of a trespass warning may be arrested for trespassing, except as otherwise provided in this section.
- (e) The city manager may authorize an individual who has received a trespass warning to enter the property or premises to exercise his or her First Amendment rights if there is no other reasonable alternative location to exercise such rights or to conduct necessary city business. Such authorization must be in writing, shall specify the duration of the authorization and any conditions thereof, and shall not be unreasonably denied.
- (f) This section shall not be construed to limit the authority of any city employee or official to issue a trespass warning to any person for any lawful reason for any city owned or maintained property, including rights-of-way when closed to general vehicular or pedestrian use, when necessary or appropriate in the sole discretion of the city employee or official.
- (g) This section shall not be construed to limit the authority of law enforcement officers to cite or arrest individuals for violating any section of the City of DeLand Code of Ordinances or the Florida Statutes.
- (h) Appeal of trespass warning. A person to whom a trespass warning is issued under this section shall have the right to appeal as follows:
 - (1) An appeal of the trespass warning must be filed, in writing, within ten days of the issuance of the warning, and shall include the appellant's name, address, and phone number, if any. No fee shall be charged for filing the appeal.
 - (2) The appeal shall be filed with the DeLand Police Department, 219 West Howry Avenue during normal business hours. In the event that the trespass warning issued prevents the recipient from entering the DeLand Police Department, entering the DeLand Police Department for the sole purpose of filing the appeal shall not constitute a violation of such trespass warning.
 - (3) A hearing officer contracted by the city shall hear all trespass appeals.
 - (4) Within five days following the filing of the appeal, the hearing officer shall schedule a hearing. Notice of the hearing will be provided to the appellant by:
 - a. Posting the notice at the DeLand City Hall located at 120 South Florida Avenue, DeLand, Florida 32720, and

- b. Mailing a copy of the notice if an address is provided. In the event of non-delivery, the notice posted at the Administration Center shall suffice.
- (5) The hearing officer shall hold the hearing as soon as possible. In no event shall the hearing be held sooner than seven days following the filing of the appeal and no later than 30 days from the filing of the appeal.
- (6) Copies of documents in the city's control which are intended to be used at the hearing, and which directly relate to the issuance of the trespass warning to the appellant, shall be made available upon request to the appellant at no cost.
- (7) The appellant and the city shall have the right to attend with an attorney, the right to testify, to call witnesses, to cross-examine witnesses, and to present evidence. Any attorney appearing on behalf of the appellant shall file a notice of appearance with the office of the city attorney at least three days prior to the hearing. The appellant shall have the right to bring a court reporter, at his or her own expense.
- (8) The hearing officer shall consider the testimony, reports, or other documentary evidence, and any other evidence presented at the hearing. Formal rules of evidence shall not apply, but fundamental due process shall govern the proceedings.
- (9) The city shall bear the burden of proof by clear and convincing evidence that the trespass warning was issued pursuant to the criteria of this section.
- (10) If the appellant fails to attend a scheduled hearing, the special magistrate shall review the evidence presented and determine if the trespass warning was properly issued pursuant to the criteria of this section.
- (11) Within ten days of the hearing, the special magistrate shall issue a written decision on the appeal which shall be mailed to the appellant at the address provided. If no address is provided, a copy of the decision shall be posted at the DeLand City Hall in the place where other public notices are posted.
- (12) The decision of the special magistrate shall be final and appellant shall be deemed to have exhausted all administrative remedies. Such decision may be subject to judicial review in the manner provided by law by the appellant.
- (13) The trespass warning shall remain in effect during the appeal and review process, including any judicial review.
- (i) In the event of a medical or other bona fide emergency, a person who is subject to trespass warning may enter the DeLand Police Department or any DeLand Fire Department for the sole purpose of addressing the subject of any such emergency.

Section 3. Savings. The prior actions of the City of DeLand relating to the issuance of trespass warnings on public property, as well as any and all related matters, are hereby ratified and affirmed. All trespass warnings issued prior to the adoption of this Ordinance shall remain in effect.

Section 4. Implementing Administrative Actions. The City Manager, or his designee, is hereby authorized and directed to implement the provisions of this Ordinance and to take any and all necessary administrative actions including, but not limited to, the adoption of administrative rules.

Section 5. Conflicts. All Ordinances or parts of Ordinances and other actions of the City Commission in conflict with this Ordinance are hereby repealed.

Section 6. Severability. If any section, sentence, phrase, word or portion of this Ordinance is determined to be invalid, unlawful or unconstitutional, said determination shall not be held to invalidate or impair the validity, force or effect of any other section, sentence, phrase, word or portion of this Ordinance not otherwise determined to be invalid, unlawful or unconstitutional.

Section 7. Codification; Direction to Code Codifier and City Staff; Correction of Scrivener's Errors.

(a). The provisions of Section 2 of this Ordinance shall become and be made a part of the *Code of Ordinances of the City of DeLand* and the Sections of this Ordinance may be renumbered or re-lettered to accomplish such intention and the word "Ordinance", or similar words, may be changed to "Section," "Article", or other appropriate word; provided, however, that the text of Section 1 and Sections 3 through 7 shall not be codified.

(b). The Code codifier is granted liberal authority to codify the provisions of this Ordinance in such manner and in such places as deemed advisable.

(c). In accordance with the City's ongoing codification program; the City Clerk, in conjunction with the City Attorney, may make corrections to the provisions of this Ordinance relative to Scrivener's errors of whatever type or nature.

PASSED AND DULY ADOPTED this ___ day of June, 2024.

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy, City Clerk - Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind, City Attorney

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: First Reading of Ordinance Amending Chapter 2A , Section 2A-4, Establishing Airport Fees.

DEPARTMENT: Legal

PREPARED BY: Darren Elkind, City Attorney

ATTACHMENTS: Airport Fees Ordinance

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

Currently, the City does not charge landing fees, or any other fees, for aircraft that land at the DeLand Municipal Airport. The general aviation airports in the area are planning to implement landing fees for aircraft that are not based at the DeLand Municipal Airport. This ordinance will create the authority for the City to assess fees for aircraft using the City's airport. The City will by resolution set the amount of the landing fees, assuming that the City Commission directs staff to do so.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High value government.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

There is a positive fiscal impact to the City in the collection of charges to fund the operations of the DeLand Municipal Airport.

RECOMMENDATION:

Approval of the attached ordinance.

BACKGROUND/DISCUSSION:

The City' current code of ordinances do not address fees for aircrafts utilizing the DeLand Municipal Airport. The City's current ordinance simply provides for the city manager's responsibilities for the airport and the rules and regulations for its operation. It is necessary to have an ordinance providing for the collection of usage fees if the City wants to implement such fees.

ORDINANCE NO. 2024 -

AN ORDINANCE OF THE CITY COMMISSION OF DELAND, FLORIDA, AMENDING CHAPTER 2A “AIRPORTS” OF THE CODE OF ORDINANCES OF THE CITY OF DELAND BY ADOPTING A NEW SECTION 2A-4, TO ESTABLISH THE IMPLEMENTATION OF FEES FOR USE OF THE PUBLIC AIRPORT; AND BY PROVIDING FOR CODIFICATION, SEVERABILITY AND AN EFFECTIVE DATE.

WHEREAS, the current Code of Ordinances of the City of DeLand contains no provision for the imposition of fees for aircraft at the DeLand Municipal Airport; and

WHEREAS, the current ordinances in place for Chapter 2A – Airports only provides for the airport manager’s responsibilities, a procedure for adoption of rules and regulations, and an economic development committee for operations of the DeLand Municipal Airport; and

WHEREAS, Section 329.40, *Florida Statutes*, supports the authority of municipalities to impose fees for publicly owned and operated airports for its operations by delegating that the governing body of such airport shall have liens for all unpaid fees for aircraft landing at the airport; and

WHEREAS, the Federal Aviation Administration’s Airport Convenience Manual instructs airports who receive federal dollars to maintain fee and rental structure to be as self-sustaining as possible; and

WHEREAS, federal law also supports the notion that public airports fund their operations through fees to be self-sustaining under the Airport and Airway Improvement Act of 1982 and Federal Aviation Administration Authorization Act of 1994; and

WHEREAS, it is necessary to establish fees to support the operations of the DeLand Municipal Airport as an act of its commitment to the self-sustaining principle established by the Federal Aviation Administration as supported by federal law; and

WHEREAS, the City Commission finds that adoption of the implementation of fees for aircraft utilizing the DeLand Municipal Airport is in the best interest of the health and welfare of the citizens of the City of DeLand.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. Legislative Findings and Intent. The City Commission of the City of DeLand hereby adopts and incorporates into this Ordinance the recital (whereas clause) to this Ordinance and the City staff report relating to this Ordinance.

Section 2. Amendment to Chapter 2A, Airports. A new Section 2A of the *Code of Ordinances of the City of DeLand, Florida*, is hereby adopted to read, in full, as follows:

Sec. 2A-4 – Airport fees.

The City may charge fees to recover the costs incurred by the City that are not being covered by federal or state airport improvement programs and are associated with the planning, development, operation, management and marketing of the airport. Recoverable costs include, but are not limited to: (a) all airport planning, engineering, design and development cost; (b) all airport operating, management, maintenance and repair costs; and (c) all airport debt service, capital outlays, reserves and amortization.

Collectible fees may include, but are not limited to, fuel flowage fees, aircraft parking and tie-down fees (on those portions of the airport under the direct control of the City and not leased to a fixed base operator), aircraft landing fees, operator permit fees, lease/sublease execution fees, and/or temporary or special use permit fees. All fees shall be identified in the airport's Rents and Fees Schedule and shall be imposed as determined and published by the City Commission by resolution. All such fees shall be collected by the airport manager, his designee, or the city's authorized agent.

Section 3. Savings. The prior actions of the City of DeLand relating to enforcing the prohibition against video and audio recording in the Police Department lobby, as well as any and all related matters, are hereby ratified and affirmed.

Section 4. Implementing Administrative Actions. The City Manager, or his designee, is hereby authorized and directed to implement the provisions of this Ordinance and to take any and all necessary administrative actions including, but not limited to, the adoption of administrative rules.

Section 5. Conflicts. All Ordinances or parts of Ordinances and other actions of the City Commission in conflict with this Ordinance are hereby repealed.

Section 6. Severability. If any section, sentence, phrase, word or portion of this Ordinance is determined to be invalid, unlawful or unconstitutional, said determination shall not be held to invalidate or impair the validity, force or effect of any other section, sentence, phrase, word or portion of this Ordinance not otherwise determined to be invalid, unlawful or unconstitutional.

Section 7. Codification; Direction to Code Codifier and City Staff; Correction of Scrivener's Errors.

(a). The provisions of Section 2 of this Ordinance shall become and be made a part of the *Code of Ordinances of the City of DeLand* and the Sections of this Ordinance may be renumbered or re-lettered to accomplish such intention and the word "Ordinance", or similar words, may be changed to "Section," "Article", or other appropriate word; provided, however, that the text of Section 1 and Sections 3 through 7 shall not be codified.

(b). The Code codifier is granted liberal authority to codify the provisions of this Ordinance in such manner and in such places as deemed advisable.

(c). In accordance with the City's ongoing codification program; the City Clerk, in conjunction with the City Attorney, may make corrections to the provisions of this Ordinance relative to Scrivener's errors of whatever type or nature.

PASSED AND DULY ADOPTED this ___ day of August, 2024.

Christopher M. Cloudman
Mayor - Commissioner

ATTEST:

Julie A. Hennessy, City Clerk - Auditor

Passed on first reading:

Adopted on second reading:

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind, City Attorney

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving Final Subdivision Plat for Delaney Reserve, Located at 610 North Spring Garden Avenue.

DEPARTMENT: Planning

PREPARED BY: Carol Kuhn, Planning Director

ATTACHMENTS: Resolution, Delaney Reserve Plat, Aerial Map

APPROVED BY: Michael Pleus, City Manager, August 1, 2024

SUMMARY/HIGHLIGHT:

The applicant, Garrett George, CESO Inc., is seeking approval to subdivide a 14.75-acre parcel into 90 townhomes, stormwater, common area/open space tracts, tree protection areas and right of way. At their March 21, 2024, meeting, the Technical Review Committee recommended conditional approval and to forward the application to the City Commission pending all legal and surveyor comments being addressed. All the comments have been addressed as required.

This project was originally reviewed under the name Spring Garden Townhomes and was the subject of a rezoning from General Commercial to the Spring Garden Townhomes PD that was approved by the City Commission on February 20, 2023. The preliminary plat was approved by the City Commission on November 6, 2023.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

Institute Smart Growth principles

Redevelopment

Action Steps:

4. Pursue redevelopment in areas outside of City core.

Preparing for the Future/Sustainability

Increase opportunities for affordable housing.

The need for additional housing units throughout our region as well as nationally has become evident within the city. This action is a step toward the city trying to meet the housing needs of citizens in this region.

SUSTAINABILITY:

The approved PD allows for implementation of the City's Sustainability Action Plan through the conditions of the PD Development Agreement.

FISCAL IMPACT:

The subdivision has already been approved for construction and the recording of the final plat will allow for the individual lots and homes to be entered into the City's tax revenue.

RECOMMENDATION:

It is recommended that the City Commission approve the final plat for Delaney Reserve.

BACKGROUND/DISCUSSION:

The applicant, Garrett George, CESO Inc., seeks to develop the subject property as the Delaney Reserve townhouse subdivision.

A trip generation analysis was conducted, and the results were that the project was found to generate fewer trips than the thresholds for requiring a full TIA. The Volusia County School Board used a Student generation rate to calculate the number of projected students for this development and determined a total of 12 students would result and that the increase in students would not exceed the adopted LOS at any school level. The school district has no objection to the proposed site plan for the project. The drainage report result was that the residential use and the accompanying stormwater system would not adversely impact either the surrounding properties or the subject property itself.

The Planning Board recommended approval of the preliminary plat (PSB23-057) on September 16, 2023, and that the plat be forwarded to the City Commission for review (11/6/23), after any outstanding comments had been addressed. The approval of the preliminary plat allows the developer to begin construction. Sales of the lots and homes cannot commence until the final plat is submitted for review, approval and then recorded.

RESOLUTION NO. 2024 –

**A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA,
APPROVING THE FINAL SUBDIVISION PLAT FOR DELANEY
RESERVE, LOCATED AT 610 NORTH SPRING GARDEN AVENUE;
PROVIDING FOR A CONDITION AND AN EFFECTIVE DATE.**

WHEREAS, the applicant, Garrett George of CESO Inc., has submitted a proper and complete application under Chapter 33, Article 13, of the City of DeLand Code of Ordinances (hereinafter the “Code”) for the final plat approval for Delaney Reserve, located at 610 N. Spring Garden Ave.; and

WHEREAS, the applicant intends to develop 90 townhomes, stormwater, common area/open space tracts, tree protection areas, and right of way in the Delaney Reserve subdivision; and

WHEREAS, on March 21, 2024, the Technical Review Committee recommended conditional approval and to forward the application to the City Commission pending all legal and surveyor comments to be addressed; and

WHEREAS, staff determined that all comments have been addressed and recommended approval of the final subdivision plat for Delaney Reserve.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The City Commission hereby approves the final subdivision plat for Delaney Reserve, located at 610 North Spring Garden Avenue, subject to all comments from the City Engineer, City Attorney, and City Review Surveyor.

Section 2. This Resolution shall become effective immediately upon its adoption.

PASSED AND DULY ADOPTED this 5th day of August, 2024.

Christopher M. Cloudman
Mayor-Commissioner

ATTEST:

Julie A. Hennessy
City Clerk – Auditor

APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

DESCRIPTION

A PORTION OF THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE ALONG THE EAST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 7 S 01°22'56" E, A DISTANCE OF 743.86 FEET; THENCE DEPART SAID EAST LINE S 88°52'39" W, A DISTANCE OF 40.05 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF STATE ROAD 15-A (NORTH SPRING GARDEN AVENUE) VARIABLE WIDTH RIGHT OF WAY AND THE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED; THENCE ALONG SAID WEST RIGHT OF WAY LINE S01°23'00"E, 911.82 FEET TO THE INTERSECTION OF THE NORTH LINE OF THE NORTH 210.00 FEET OF THE SOUTH 1000.00 FEET OF THE WEST 200.00 FEET OF THE EAST 240.00 FEET OF THE NORTHEAST 1/4 OF SAID SECTION 7; THENCE ALONG SAID NORTH LINE S89°12'06"W, 199.98 FEET TO THE NORTHWEST CORNER OF SAID NORTH 210.00 FEET; THENCE ALONG THE WEST LINE OF SAID NORTH 210.00 FEET S01°23'36"E, 209.96 FEET TO THE SOUTHWEST CORNER OF SAID NORTH 210.00 FEET; THENCE ALONG THE SOUTH LINE OF SAID NORTH 210.00 FEET N89°12'55"E, 199.90 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF THE AFOREMENTIONED NORTH SPRING GARDEN AVENUE; THENCE ALONG SAID WEST RIGHT OF WAY LINE S01°21'43"E, 99.72 FEET TO THE INTERSECTION OF THE WEST RIGHT OF WAY LINE OF NORTH SPRING GARDEN AVENUE AND THE NORTH LINE OF THE SOUTH 690.00 FEET OF THE NORTHEAST 1/4 OF THE AFOREMENTIONED SECTION 7; THENCE ALONG SAID NORTH LINE S89°11'37"W, 559.86 FEET TO A POINT ON THE EAST LINE OF TRACT A, FERN GARDEN ESTATES, ACCORDING TO THE PLAT THEREOF, RECORDED IN MAP BOOK 53, PAGE 18 OF THE OFFICIAL RECORDS OF VOLUSIA COUNTY, FLORIDA; THENCE ALONG SAID EAST LINE N01°23'10"W, 1218.46 FEET TO THE NORTHWEST CORNER OF THE PARCEL HEREIN DESCRIBED AND A POINT ON THE NORTH LINE OF THE SOUTH 610.07 FEET OF THE NORTH 1354.07 FEET OF THE EAST 600.00 FEET OF THE NORTHEAST 1/4 OF SECTION 7; THENCE ALONG SAID NORTH LINE N88°52'39"E, 559.98 FEET TO A POINT ON THE AFOREMENTIONED WEST RIGHT OF WAY LINE AND THE POINT OF BEGINNING.

LESS AND EXCEPT THE FOLLOWING

COMMENCING AT THE NORTHEAST CORNER OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE ALONG THE EAST LINE OF THE NORTHEAST 1/4 OF SAID SECTION 7 S 01°22'56" E, A DISTANCE OF 743.86 FEET; THENCE DEPART SAID EAST LINE S 88°52'39" W, A DISTANCE OF 40.05 FEET TO A POINT ON THE WEST RIGHT OF WAY LINE OF STATE ROAD 15-A (NORTH SPRING GARDEN AVENUE) VARIABLE WIDTH RIGHT OF WAY; THENCE ALONG SAID WEST RIGHT OF WAY LINE S 01°23'00" E, 610.03 FEET TO THE POINT OF BEGINNING OF THE PARCEL HEREIN DESCRIBED; THENCE CONTINUE ALONG SAID WEST RIGHT OF WAY LINE S 01°23'00" E, 301.79 FEET TO THE NORTHEAST CORNER OF THE NORTH 210.00 FEET OF THE SOUTH 1000.00 FEET OF THE WEST 200.00 FEET OF THE EAST 240.00 FEET OF THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST; THENCE ALONG THE NORTH LINE OF THE NORTH 210.00 FEET OF THE SOUTH 1000.00 FEET OF THE WEST 200.00 FEET OF THE EAST 240.00 FEET OF THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST S 89°12' 06" W, 199.98 FEET; THENCE N 01°23' 36" W 300.70 FEET; THENCE N 88°53' 23" E, 200.03 FEET TO THE AFOREMENTIONED WEST RIGHT OF WAY LINE AND THE POINT OF BEGINNING.

TOGETHER WITH AN EASEMENT OF INGRESS AND EGRESS OVER AND ACROSS THAT PORTION OF THE NORTH 185.00 FEET OF THE SOUTH 975.00 FEET OF THE WEST 200.00 FEET OF THE EAST 240.00 FEET OF THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST, VOLUSIA COUNTY, FLORIDA, DESCRIBED AS FOLLOWS:

BEGINNING AT THE POINT OF INTERSECTION OF THE NORTH LINE OF THE SOUTH 975.00 FEET OF THE NORTHEAST 1/4 OF SAID SECTION 7 WITH THE WESTERLY RIGHT OF WAY LINE OF STATE ROAD 15-A, RUN THENCE SOUTH 01°31'08" EAST ALONG SAID RIGHT OF WAY LINE A DISTANCE OF 24.50 FEET; THENCE SOUTH 89°04'47" WEST A DISTANCE OF 50.00 FEET; THENCE SOUTH 01°31'08" EAST A DISTANCE OF 160.50 FEET; THENCE SOUTH 89°04'47" WEST A DISTANCE OF 24.00 FEET; THENCE NORTH 01°31'08" WEST A DISTANCE OF 160.60 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHWEST, HAVING A CENTRAL ANGLE OF 89°24'05" AND A RADIUS OF 10.00 FEET; THENCE RUN NORTHWESTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 15.60 FEET TO THE POINT OF TANGENCY THEREOF; THENCE SOUTH 89°04'47" WEST A DISTANCE OF 21.79 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A CENTRAL ANGLE OF 90°35'55" AND A RADIUS OF 30.00 FEET; THENCE RUN SOUTHWESTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 47.44 FEET TO THE POINT OF TANGENCY THEREOF; THENCE SOUTH 01°31'08" EAST A DISTANCE OF 140.18 FEET; THENCE SOUTH 89°04'47" WEST A DISTANCE OF 24.00 FEET; THENCE NORTH 01°31'08" WEST A DISTANCE OF 152.15 FEET TO THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A CENTRAL ANGLE OF 43°37'12" AND A RADIUS OF 24.50 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 18.65 FEET TO THE POINT OF COMPOUND CURVATURE OF A CURVE CONCAVE TO THE SOUTHEAST, HAVING A CENTRAL ANGLE OF 46°58'43" AND A RADIUS OF 50.00 FEET; THENCE RUN NORTHEASTERLY ALONG THE ARC OF SAID CURVE A DISTANCE OF 41.00 FEET TO THE POINT OF TANGENCY THEREOF; THENCE NORTH 89°04'47" EAST A DISTANCE OF 116.52 FEET TO THE POINT OF BEGINNING.

SHEET INDEX

- SHEET 1 - COVER SHEET, LEGAL DESCRIPTION, DEDICATIONS AND VICINITY MAP
- SHEET 2 - NOTES AND LEGEND
- SHEET 3 - KEY SHEET MAP
- SHEET 4 - LOTS GEOMETRY
- SHEET 5 - LOTS GEOMETRY
- SHEET 6 - EASEMENTS GEOMETRY
- SHEET 7 - EASEMENTS GEOMETRY

NOTICE: THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

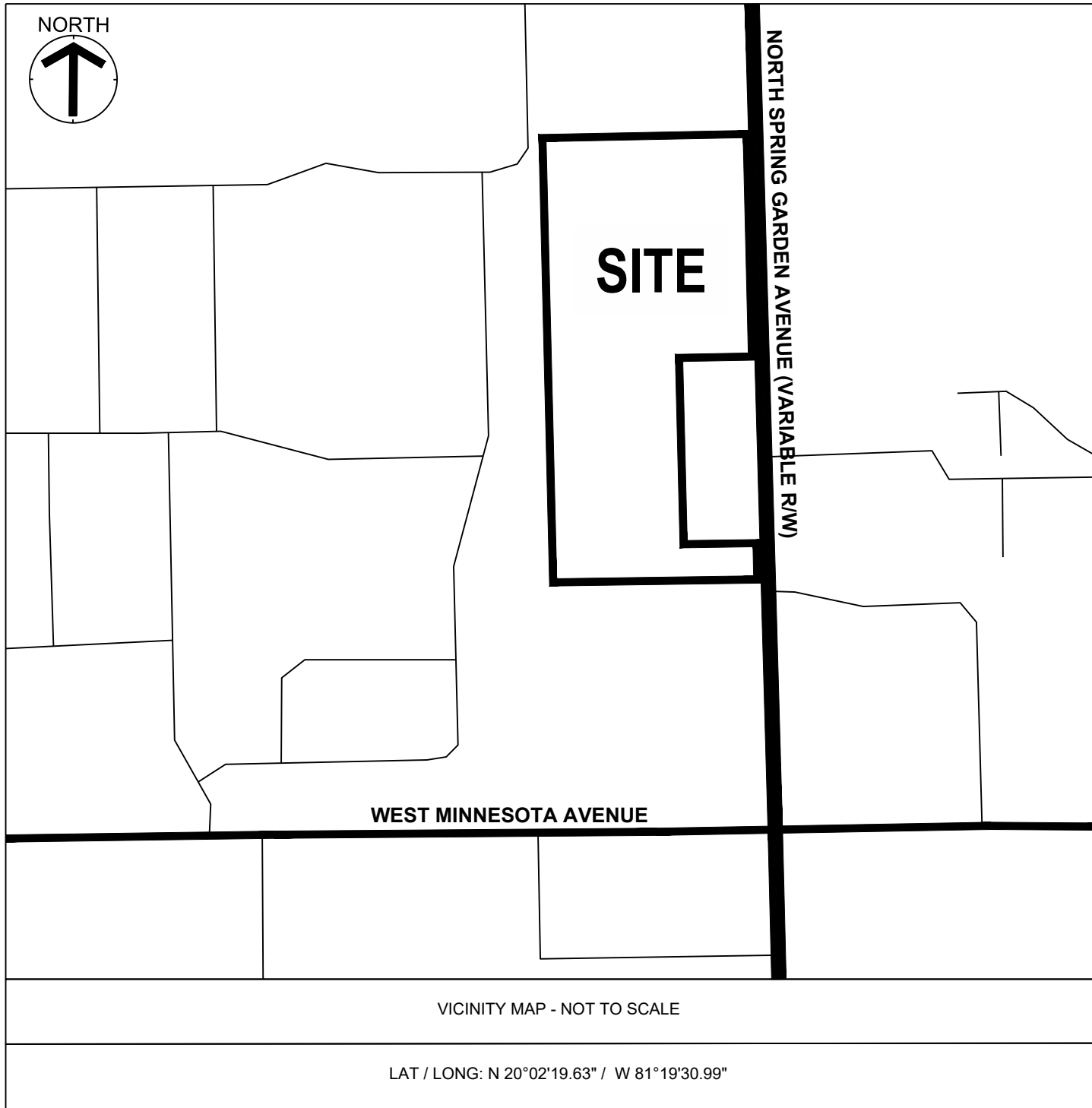


CESO
WWW.CESOINC.COM

1000 Legion Place, Suite 800
Orlando, Florida, 32801
Phone: 937.435.8584 Fax: 888.208.4826
Certificate of Authorization: LB 8582

DELANEY RESERVE

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA



JOINDER AND CONSENT TO DEDICATION

THE UNDERSIGNED HEREBY CERTIFIES THAT IT IS THE HOLDER OF A DEVELOPERS AGREEMENT UPON THE HEREON DESCRIBED PROPERTY, AND THAT THE UNDERSIGNED HEREBY JOINS IN AND CONSENTS TO THE DEDICATION OF THE LANDS DESCRIBED HEREON BY THE OWNER THEREOF, AND AGREES THAT ITS DEVELOPERS AGREEMENT, WHICH IS REFERENCED IN THAT CERTAIN MEMORANDUM OF DEVELOPMENT AGREEMENT RECORDED IN OFFICIAL RECORDS BOOK 8487, PAGE 1807, OF THE PUBLIC RECORDS OF VOLUSIA COUNTY, FLORIDA SHALL BE SUBORDINATED TO THE DEDICATION

FRANK A. FORD

BY: _____

PRINTED NAME: _____

SIGNED AND SEALED IN THE PRESENCE OF

SIGNATURE _____ PRINTED NAME _____

SIGNATURE _____ PRINTED NAME _____

QUALIFICATION STATEMENT OF SURVEYOR AND MAPPER

KNOWN ALL MEN BY THESE PRESENTS, THAT THE UNDERSIGNED IS A FLORIDA REGISTERED SURVEYOR AND MAPPER, THAT THE FOREGOING PLAT WAS PREPARED UNDER HIS DIRECTION AND SUPERVISION; THAT PERMANENT REFERENCE MONUMENTS HAVE BEEN PLACED AND THAT PERMANENT CONTROL POINTS HAVE BEEN OR WILL BE PLACED AS REQUIRED BY ALL STATE AND LOCAL REGULATIONS, AND THAT THIS PLAT COMPLIES WITH ALL SURVEY REQUIREMENTS OF CHAPTER 177, FLORIDA STATUTES. THE LAND DESCRIBED HEREON LIES IN SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST, CITY OF DELAND, VOLUSIA COUNTY FLORIDA.

DATE _____
GORDON P.R. LAND, PSM 7127
CESO, INC., LB8582
1000 LEGION PLACE, SUITE 800
ORLANDO, FLORIDA, 32801

CERTIFICATE OF APPROVAL

I HEREBY CERTIFY THAT THIS PLAT HAS BEEN REVIEWED FOR CONFORMITY TO THE REQUIREMENTS OF CHAPTER 177, PART I, FLORIDA STATUTES. NO CONFIRMATION OF MATHEMATICAL CLOSURE OR THE PLACEMENT OF PRM'S AND PCP'S IN THE FIELD WAS MADE IN THIS REVIEW.

CPH CONSULTING, LLC, L.B. #7143
500 FULTON STREET
SANFORD, FL 32771

FOR THE FIRM BY: _____
RANDALL L. ROBERTS, R.L.S.
FLORIDA REGISTRATION NO. 3144

DATE _____

CERTIFICATE OF APPROVAL BY THE CITY COMMISSION

THE DELAND CITY COMMISSION DOES HEREBY APPROVE THE FINAL PLAT OF DELANEY RESERVE.

BY: _____
MAYOR OF THE CITY OF DELAND

MAP
BOOK:

PAGE:

DELANEY RESERVE

DEDICATION

KNOW ALL MEN BY THESE PRESENTS, DELAND PROJECT I, LLC, A DELAWARE LIMITED LIABILITY COMPANY, BEING THE OWNERS IN FEE SIMPLE OF THE LANDS DESCRIBED IN THE ATTACHED PLAT, ENTITLED "DELANEY RESERVE" LOCATED IN THE CITY OF DELAND, VOLUSIA COUNTY, FLORIDA, HEREBY DEDICATES SAID LANDS FOR THE USES AND PURPOSES THEREIN EXPRESSED:

- TRACT A IS HEREBY DEDICATED AND CONVEYED IN FEE TO DELANEY RESERVE TOWNHOMES HOA, INC. FOR THE PURPOSES OF COMMON AREA/ OPEN SPACE, POND.
- TRACT B IS HEREBY DEDICATED AND CONVEYED IN FEE TO DELANEY RESERVE TOWNHOMES HOA, INC. FOR THE PURPOSES OF COMMON AREA/ OPEN SPACE.
- TRACT T-1 AND TRACT T-2 IS HEREBY DEDICATED AND CONVEYED IN FEE TO DELANEY RESERVE TOWNHOMES HOA, INC. FOR THE PURPOSES OF TREE PROTECTION AREA
- TRACT RW-1 SHOWN HEREON AS CYPRESS ELM DRIVE, FLORIDA ELM COURT, MAPLE OAK DRIVE, AND RED BUCKEYE COURT, A 30 FOOT (PRIVATE) RIGHT OF WAY, IS HEREBY DEDICATED AND CONVEYED IN FEE TO THE DELANEY RESERVE TOWNHOMES HOA, INC. FOR INGRESS AND EGRESS WHO SHALL HAVE THE RIGHT AND OBLIGATION TO MAINTAIN SUCH IMPROVEMENTS.
- THE PLATTED PARKING EASEMENT, UTILITY EASEMENT, EMERGENCY ACCESS EASEMENT, DRAINAGE EASEMENT, AND SANITARY SEWER EASEMENT SHOWN HEREON ARE DEDICATED AND CONVEYED IN FEE TO AND SHALL BE MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. (THE "ASSOCIATION") WHO SHALL HAVE THE RIGHT AND OBLIGATION TO MAINTAIN SUCH IMPROVEMENTS.
- A PERPETUAL, NON-EXCLUSIVE EASEMENT RIGHT OF INGRESS AND EGRESS OVER AND ACROSS ALL OF THE PRIVATE ROADWAYS SHOWN OR ACCESS OVER ALL INTERNAL PRIVATE ROADWAYS IS HEREBY GRANTED TO THE CITY OF DELAND, VOLUSIA COUNTY AND OTHER APPLICABLE AUTHORITIES, AND DOES HEREBY GRANT TO THE PRESENT AND FUTURE OWNERS OF LOTS AND THEIR GUESTS, INVITEES, AND DOMESTIC HELP, AND TO DELIVERY, PICK UP AND FIRE PROTECTION SERVICES, POLICE, AUTHORITIES OF THE UNITED STATES POSTAL SERVICE MAIL CARRIERS, REPRESENTATIVES OF UTILITIES AUTHORIZED BY THE OWNER, HOLDERS OF MORTGAGE LIENS ON SUCH LANDS A NON-EXCLUSIVE AND PERPETUAL RIGHT OF INGRESS AND EGRESS OVER AND ACROSS SAID PRIVATE ROADWAYS AND UTILITY EASEMENTS.

IN WITNESS THEREOF, DELAND PROJECT I, LLC, A DELAWARE LIABILITY COMPANY HAVE CAUSED THESE PRESENTS TO BE SIGNED BY THE OFFICERS NAMED BELOW ON

DATE: _____

DELAND PROJECT I, LLC
A DELAWARE LIMITED LIABILITY COMPANY

BY: DELAND MEMBER I, LLC
AN OHIO LIMITED LIABILITY COMPANY
ITS MANAGER

BY: _____
AARON R. MATSON, MANAGER

SIGNED IN THE PRESENCE OF: _____

BY: _____

PRINTED NAME

BY: _____

PRINTED NAME

STATE OF _____, COUNTY OF _____

THE FOREGOING INSTRUMENT WAS ACKNOWLEDGED BEFORE ME BY MEANS OF [] PHYSICAL PRESENCE OR [] ONLINE NOTARIZATION THIS _____ DAY OF _____, 2024, BY AARON R. MATSON, THE SOLE MANAGER OF DELAND PROJECT I, LLC, A DELAWARE LIMITED LIABILITY COMPANY, THE SOLE MANAGER OF DELAND MEMBER I, LLC, AN OHIO LIMITED LIABILITY COMPANY, ON BEHALF OF THE COMPANY SAID PERSON IS [] PERSONALLY KNOWN TO ME, OR [] HAS PRODUCED AN IDENTIFICATION _____

NOTARY PUBLIC STATE OF FLORIDA _____

[NOTARY STAMP]

CERTIFICATE OF APPROVAL OF THE DESIGN AND INSTALLATION OF STREETS, UTILITIES AND OTHER REQUIRED IMPROVEMENTS

IT IS HEREBY CERTIFIED, THAT ALL STREETS, UTILITIES AND OTHER REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED IN AN ACCEPTABLE MANNER AND ACCORDING TO CITY SPECIFICATIONS AND STANDARDS AND APPLICABLE REGULATIONS IN THE DELANEY RESERVE SUBDIVISION, OR THAT A GUARANTEE OF THE INSTALLATION OF THE REQUIRED IMPROVEMENTS IN A MANNER ACCORDING TO SECTION 33-147 OF THE CITY CODE HAD BEEN RECEIVED.

BY: _____
CITY ENGINEER _____ DATE _____

CERTIFICATE OF CLERK

I HEREBY CERTIFY THAT I HAVE EXAMINED THE FOREGOING PLAT AND FOUND THAT IT COMPLIES, IN FORM, WITH ALL OF THE REQUIREMENTS OF CHAPTER 177, PART I, FLORIDA STATUTES, AND THAT IT WAS FILED FOR RECORD ON _____ AT _____ A.M. P.M.

BY: _____ FILE NO. _____
CLERK OF THE CIRCUIT COURT
IN AND FOR VOLUSIA COUNTY, FLORIDA.

DELANEY RESERVE

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

MAP
BOOK:

PAGE:

NOTES:

1. BEARINGS AND DISTANCES ARE RELATIVE TO THE BASIS OF BEARINGS. THE BASIS OF BEARINGS IS THE MEASURED BEARING OF THE WEST LINE OF NORTH SPRING GARDEN AVE, STATE ROAD 15-A, FLORIDA. (BASIS OF BEARINGS: S01°23'00"E).
2. ALL PLATTED UTILITY EASEMENTS SHALL PROVIDE THAT SUCH EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES; PROVIDED, HOWEVER, NO SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES SHALL INTERFERE WITH THE FACILITIES AND SERVICES OF ELECTRIC, TELEPHONE, GAS OR OTHER PUBLIC UTILITY. IN THE EVENT A CABLE COMPANY DAMAGES THE FACILITIES OF A PUBLIC UTILITY, IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES. THIS SECTION SHALL NOT APPLY TO THOSE PRIVATE EASEMENTS GRANTED TO OR OBTAINED BY A PARTICULAR ELECTRIC, TELEPHONE, GAS, OR OTHER PUBLIC UTILITY. SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE AND OPERATION SHALL COMPLY WITH THE NATIONAL SAFETY CODE AS ADOPTED BY THE FLORIDA PUBLIC SERVICE COMMISSION. THE UTILITY EASEMENTS REFERENCED ABOVE AND DEPICTED AS SHOWN HEREON ARE GRANTED AND CONVEYED TO ANY PUBLIC OR PRIVATE UTILITY, AND ARE SEVERABLE, NON-EXCLUSIVE EASEMENTS, GRANTED THE RIGHT TO CONSTRUCT, OPERATE, MAINTAIN AND REPAIR UNDERGROUND PUBLIC UTILITY SYSTEMS (INCLUDING WIRES, CABLES, CONDUITS AND ABOVE GROUND APPURTENANT EQUIPMENT) UNLESS OTHERWISE INDICATED.
3. SET 5/8" IRON RODS WITH CAP STAMPED LB 8582 AT ALL LOTS, TRACTS AND RIGHT OF WAY CORNERS, EXCEPT NOTED BY A PRM OR PCP WILL BE SET IN ACCORDANCE WITH CHAPTER 177, PART 1, FLORIDA STATUTES.
4. BOUNDARY SURVEY PERFORMED BY CESO, INC., PROJECT NUMBER 761391-01, DATED JUNE 18, 2024.
5. THIS PLAT IS SUBJECT TO A UTILITY EASEMENT, AS DEPICTED HEREON, RECORDED IN OFFICIAL RECORDS BOOK 2894, PAGE 350 OF THE PUBLIC RECORDS OF VOLUSIA, COUNTY FLORIDA. THE DEPICTION OF SAID EASEMENT IS NOT INTENDED TO REIMPOSE THE SAME.
6. THE DRAINAGE EASEMENTS SHOWN ARE DEDICATED AND CONVEYED IN FEE TO AND OWNED AND MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. AN EMERGENCY ACCESS EASEMENT TO THE PRIVATE DRAINAGE AND STORM-WATER SYSTEM AND OVER ALL DRAINAGE EASEMENTS SHOWN ON THIS PLAT IS HEREBY DEDICATED TO VOLUSIA COUNTY FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE PRIVATE STORM DRAINAGE SYSTEM CREATES A HAZARD TO THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY, OR LIABILITY UPON THE COUNTY TO ENTER UPON SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE PRIVATE DRAINAGE AND STORM-WATER SYSTEM.
7. THE PARKING EASEMENTS SHOWN ARE DEDICATED AND CONVEYED IN FEE TO AND OWNED AND MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. AN EMERGENCY ACCESS EASEMENT TO THE PRIVATE PARINGS AND OVER ALL PARKING EASEMENT SHOWN ON THIS PLAT IS HEREBY DEDICATED TO VOLUSIA COUNTY FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE PRIVATE PARKING AREAS CREATE A HAZARD TO THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY, OR LIABILITY UPON THE COUNTY TO ENTER UPON SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE PRIVATE PARKING.
8. THE UTILITY EASEMENTS SHOWN ARE DEDICATED AND CONVEYED IN FEE TO AND OWNED AND MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. AN EMERGENCY ACCESS EASEMENT TO PRIVATE UTILITIES AND OVER ALL UTILITY EASEMENTS SHOWN ON THIS PLAT IS HEREBY DEDICATED TO VOLUSIA COUNTY FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE PRIVATE UTILITIES CREATES A HAZARD TO THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY, OR LIABILITY UPON THE COUNTY TO ENTER UPON SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE PRIVATE UTILITIES.
9. THE EMERGENCY ACCESS EASEMENTS SHOWN ARE DEDICATED AND CONVEYED IN FEE TO AND OWNED AND MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. AN EMERGENCY ACCESS EASEMENT OVER ALL ACCESS EASEMENTS SHOWN ON THIS PLAT IS HEREBY DEDICATED TO VOLUSIA COUNTY FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE EMERGENCY ACCESS EASEMENT CREATES A HAZARD TO THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY, OR LIABILITY UPON THE COUNTY TO ENTER UPON SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE EMERGENCY ACCESS EASEMENTS.
10. THE SANITARY SEWER EASEMENTS SHOWN ARE DEDICATED AND CONVEYED IN FEE TO AND OWNED AND MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC. AN EMERGENCY ACCESS EASEMENT TO THE PRIVATE SANITARY SEWER AND WASTE-WATER SYSTEM AND OVER ALL SANITARY SEWER EASEMENTS SHOWN ON THIS PLAT IS HEREBY DEDICATED TO VOLUSIA COUNTY FOR EMERGENCY MAINTENANCE PURPOSES IN THE EVENT INADEQUATE MAINTENANCE OF THE PRIVATE SANITARY SEWER SYSTEM CREATES A HAZARD TO THE PUBLIC HEALTH, SAFETY AND GENERAL WELFARE. THE EMERGENCY ACCESS EASEMENT GRANTED DOES NOT IMPOSE ANY OBLIGATION, BURDEN, RESPONSIBILITY, OR LIABILITY UPON THE COUNTY TO ENTER UPON SUBJECT PROPERTY AND TAKE ANY ACTION TO REPAIR OR MAINTAIN THE SANITARY SEWER AND WASTE-WATER SYSTEM.
11. THE OWNER DOES HEREBY GRANT TO CITY OF DELAND, VOLUSIA COUNTY AND OTHER APPLICABLE AUTHORITIES, THE NON-EXCLUSIVE AND PERPETUAL RIGHT OF INGRESS AND EGRESS OVER AND ACROSS ALL OF THE PRIVATE ROADWAYS SHOWN AND DOES HEREBY GRANT TO THE PRESENT AND FUTURE OWNERS OF LOTS AND THEIR GUEST, INVITEES, AND DOMESTIC HELP, AND TO DELIVERY, PICK UP AND FIRE PROTECTION SERVICES, POLICE, AUTHORITIES OF THE UNITED STATES POSTAL SERVICE MAIL CARRIERS, REPRESENTATIVES OF UTILITIES AUTHORIZED BY THE OWNER, HOLDERS OF MORTGAGE LIENS ON SUCH LANDS THE NON-EXCLUSIVE AND PERPETUAL RIGHT OF INGRESS AND EGRESS OVER AND ACROSS SAID PRIVATE ROADWAYS AND UTILITY EASEMENTS.
12. ALL EASEMENTS SHOWN HEREIN WHICH ARE NOT CREATED BY THIS PLAT ARE FOR INFORMATIONAL PURPOSES ONLY AND, UNLESS STATED OTHERWISE, THE DEPICTION OF SAID EASEMENTS IS NOT INTENDED TO REIMPOSE THE SAME.
13. ALL EASEMENTS CREATED BY THIS PLAT ARE PRIVATE UNLESS NOTED OTHERWISE.
14. A 30.00' EMERGENCY ACCESS EASEMENT IS GRANTED TO ALL POLICE, FIRE, PUBLIC WORKS AND OTHER EMERGENCY AND GOVERNMENTAL AGENCIES.
15. TREE PROTECTION AREAS ARE TO REMAIN UNDISTURBED, IN THEIR CURRENT NATURAL STATE. NO CLEARING, GRADING, OR OTHER CONSTRUCTION ACTIVITIES ARE ALLOWED WITHIN THE TREE PROTECTION AREAS.
16. TRACT A (COMMON AREA/ OPEN SPACE, POND), TRACT B (COMMON AREA/ OPEN SPACE), TRACT T-1 (TREE PROTECTION AREA) AND TRACT T-2 (TREE PROTECTION AREA), TRACT RW-1 (PRIVATE RIGHT-OF-WAY) ARE GRANTED TO AND SHALL BE MAINTAINED BY THE DELANEY RESERVE TOWNHOMES HOA, INC.
17. THIS PLAT IS SUBJECT TO THE DECLARATION OF COVENANTS, RESTRICTIONS AND CONDITIONS FOR DELANEY RESERVE RECORDED IN O.R. BOOK _____, PAGE _____.
18. THE UTILITY EASEMENTS REFERENCED ABOVE AND DEPICTED AS SHOWN HEREON ARE GRANTED AND CONVEYED TO ANY PUBLIC OR PRIVATE UTILITY, AND ARE SEVERABLE, NON-EXCLUSIVE EASEMENTS, GRANTING THE RIGHT TO CONSTRUCT, OPERATE, MAINTAIN AND REPAIR UNDERGROUND PUBLIC UTILITY SYSTEMS (INCLUDING WIRE, CABLES, CONDUITS AND ABOVE GROUND APPURTENANT EQUIPMENT) UNLESS OTHERWISE NOTED.
19. THIS PLAT IS SUBJECT TO THE COVENANT TO SUPPORT ANNEXATION RECORDED JANUARY 28, 1986 IN OFFICIAL RECORDS BOOK 2779, PAGE 96 AND RECORDED NOVEMBER 26, 1986 IN OFFICIAL RECORDS BOOK 2904, PAGE 1368.
20. THIS PLAT IS SUBJECT TO THE ORDINANCE NO. 86-53 RECORDED JANUARY 13, 1987 IN OFFICIAL RECORDS BOOK 2924, PAGE 885.
21. THIS PLAT IS SUBJECT TO THE EASEMENT MODIFICATION AGREEMENT BETWEEN CENTURIIONS IV, LTD. AN OHIO LIMITED LIABILITY COMPANY AND TOM F. PATTILLO AND MARY E. PATTILLO, COTRUSTEES OF THE TOM F. PATTILLO AND MARY E. PATTILLO TRUST DATED 12/11/1992 RECORDED APRIL 23, 2002 IN OFFICIAL RECORDS BOOK 4852, PAGE 4488.
22. THIS PLAT IS SUBJECT TO THE ORDINANCE NO. 2023-04 RECORDED MAY 10, 2023 IN OFFICIAL RECORDS BOOK 8404, PAGE 2873.
23. THIS PLAT IS SUBJECT TO THE MEMORANDUM OF DEVELOPMENT AGREEMENT RECORDED NOVEMBER 22, 2023 IN OFFICIAL RECORDS BOOK 8487, PAGE 1807.

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Orlando, Florida, 32801
Phone: 937.435.8584 Fax: 888.208.4826
Certificate of Authorization: LB 8582

DIMENSIONAL REQUIREMENTS

RESIDENTIAL AREA:	
MINIMUM LOT AREA:	1,000 SQ FT
MINIMUM LOT WIDTH:	20'
MINIMUM LOT DEPTH:	50'
BUILDING HEIGHT:	35'
FRONT YARD SETBACK:	20'
REAR YARD SETBACK:	10'
SIDE YARD SETBACK	0'
BETWEEN BUILDINGS	
SIDE TO SIDE:	15
REAR TO REAR/FRONT TO FRONT:	40'

SHEET INDEX

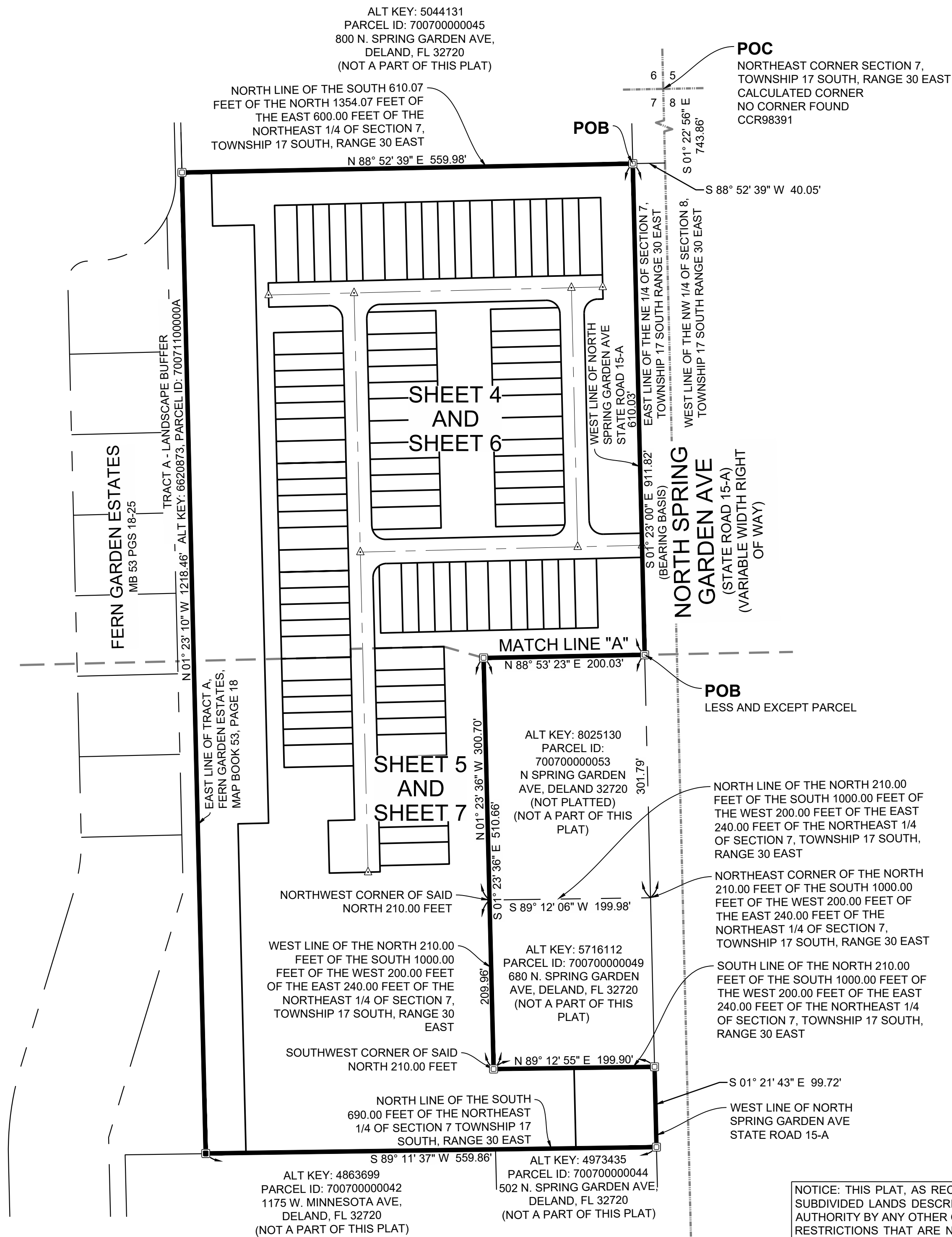
SHEET 1 - COVER SHEET, LEGAL DESCRIPTION, DEDICATIONS AND VICINITY MAP
SHEET 2 - NOTES AND LEGEND
SHEET 3 - KEY SHEET MAP
SHEET 4 - LOTS GEOMETRY
SHEET 5 - LOTS GEOMETRY
SHEET 6 - EASEMENTS GEOMETRY
SHEET 7 - EASEMENTS GEOMETRY

CESO IRON PIN LEGEND

●	SET 5/8" REBAR WITH CAP STAMPED CESO LB8582	CCR	CERTIFIED CORNER RECORD	POB	POINT OF BEGINNING
△	SET MAG NAIL WITH ALUMINUM DISC STAMPED PCP LB8582	FL	FLORIDA	POC	POINT OF COMMENCEMENT
		ID	IDENTIFICATION	PRM	PERMANENT REFERENCE MONUMENT
▣	SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582	LB	LICENSED BUSINESS	PSM	PROFESSIONAL SURVEYOR & MAPPER
		MB	MAP BOOK	OR	OFFICIAL RECORDS BOOK
■	FOUND 3"x4" CONCRETE MONUMENT WITH DISC STAMPED PRM LB1221	PCP	PERMANENT CONTROL POINT	RLS	REGISTERED LAND SURVEYOR
		PG	PAGE	RW	RIGHT OF WAY
		PGS	PAGES	SQ FT	SQUARE FEET
		PLS	PROFESSIONAL LAND SURVEYOR	UE	UTILITY EASEMENT

MAP
BOOK:

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA



CESO IRON PIN LEGEND					
●	SET 5/8" REBAR WITH CAP STAMPED CESO LB8582	CCR	CERTIFIED CORNER RECORD	POB	POINT OF BEGINNING
△	SET MAG NAIL WITH ALUMINUM DISC STAMPED PCP LB8582	FL	FLORIDA	POC	POINT OF COMMENCEMENT
□	SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582	ID	IDENTIFICATION	PRM	PERMANENT REFERENCE MONUMENT
■	SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582	LB	LICENSED BUSINESS	PSM	PROFESSIONAL SURVEYOR & MAPPER
■	FOUND 3"x4" CONCRETE MONUMENT WITH DISC STAMPED PRM LB1221	MB	MAP BOOK	OR	OFFICIAL RECORDS BOOK
		PCP	PERMANENT CONTROL POINT	RLS	REGISTERED LAND SURVEYOR
		PG	PAGE	R/W	RIGHT OF WAY
		PGS	PAGES	SQ.FT	SQUARE FEET
		PLS	PROFESSIONAL LAND SURVEYOR	UE	UTILITY EASEMENT



SHEET 3 OF 7

MAP
BOOK:

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

	SET 5/8" REBAR WITH CAP STAMPED CESO LB8582
	SET MAG NAIL WITH ALUMINUM DISC STAMPED PCP LB8582
	SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582
	FOUND 3"x4" CONCRETE MONUMENT WITH DISC STAMPED PRM LB1221

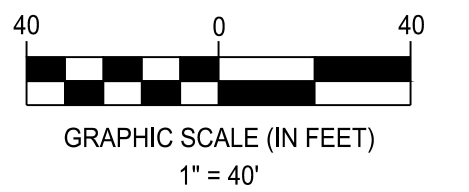
CCR	CERTIFIED CORNER RECORD
FL	FLORIDA
ID	IDENTIFICATION
LB	LICENSED BUSINESS
MB	MAP BOOK
PCP	PERMANENT CONTROL POINT
PG	PAGE
PGS	PAGES
PLS	PROFESSIONAL LAND SURVEYOR

POB	POINT OF BEGINNING
POC	POINT OF COMMENCEMENT
PRM	PERMANENT REFERENCE MONUMENT
PSM	PROFESSIONAL SURVEYOR & MAPPER
OR	OFFICIAL RECORDS BOOK
RLS	REGISTERED LAND SURVEYOR
R/W	RIGHT OF WAY
SQ FT	SQUARE FEET
UE	UTILITY EASEMENT

NORTH LINE OF THE SOUTH 610.07
FEET OF THE NORTH 1354.07 FEET OF
THE EAST 600.00 FEET OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 17 SOUTH, RANGE 30 EAST

POB

NORTHEAST CORNER SECTION 7,
TOWNSHIP 17 SOUTH, RANGE 30 EAST
CALCULATED CORNER
NO CORNER FOUND
CCR98391



CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	CHORD	BEARING
C1	17.00'	26.70'	90°00'00"	24.04'	N46° 23' 00"W
C2	17.00'	26.70'	90°00'00"	24.04'	N43° 37' 00"E
C3	17.00'	26.70'	90°00'00"	24.04'	S46° 23' 00"E
C4	17.00'	26.70'	90°00'00"	24.04'	S43° 37' 00"W
C5	17.00'	17.12'	57°42'44"	16.41'	N27° 28' 22"E
C6	17.00'	9.58'	32°17'16"	9.45'	N72° 28' 21"E
C7	17.00'	26.70'	90°00'00"	24.04'	N43° 37' 00"E
C8	17.00'	4.55'	15°20'49"	4.54'	N6° 17' 24"E
C9	17.00'	22.15'	74°39'11"	20.62'	N51° 17' 24"E
C10	17.00'	26.70'	90°00'00"	24.04'	S46° 23' 00"E
C11	17.00'	22.15'	74°39'11"	20.62'	S54° 03' 25"E
C12	17.00'	4.55'	15°20'49"	4.54'	N9° 03' 25"W
C13	17.00'	26.70'	90°00'00"	24.04'	N43° 37' 00"W
C14	17.00'	7.94'	26°46'21"	7.87'	N12° 30' 10"E
C15	17.00'	18.76'	63°13'39"	17.82'	S57° 00' 10"W
C16	17.00'	26.70'	90°00'00"	24.04'	N46° 23' 00"W
C17	17.00'	18.76'	63°13'39"	17.82'	N59° 46' 11"W
C18	17.00'	7.94'	26°46'21"	7.87'	N14° 46' 11"W

LINE TABLE		
LINE #	DIRECTION	LENGTH
L2	N01° 23' 00"W	30.00'
L3	N01° 23' 00"W	15.00'
L4	N01° 23' 00"W	15.00'
L5	N01° 23' 00"W	30.00'
L6	S01° 23' 00"E	15.00'
L7	S01° 23' 00"E	15.00'
L8	N88° 37' 00"E	6.92'
L9	S01° 23' 00"E	15.00'
L10	S01° 23' 00"E	15.00'
L38	N88° 52' 39"E	36.49'

FERN GARDEN ESTATES

TRACT A - LANDSCAPE BUFFER

ALT KEY: 6620873, PARCEL ID: 70071100000A

TRACT T-2
2.027 AC
(TREE PROTECTION AREA)

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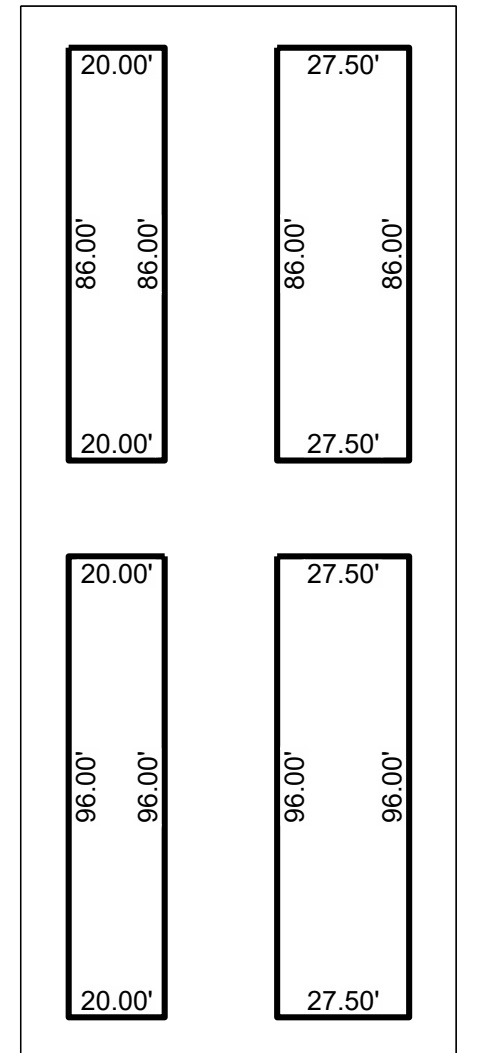
SHEET 4 OF 7

MATCH LINE "A" SEE SHEET 5

NORTH SPRING GARDEN AVE

(STATE ROAD 15-A)
(VARIABLE WIDTH RIGHT OF WAY)

TYPICAL LOT DATA
SCALE: 1"=40'



MAP
BOOK:

CESO IRON PIN LEGEND

- | | |
|-----|----------------------------|
| CCR | CERTIFIED CORNER RECORD |
| FL | FLORIDA |
| ID | IDENTIFICATION |
| LB | LICENSED BUSINESS |
| MB | MAP BOOK |
| PCP | PERMANENT CONTROL POINT |
| PG | PAGE |
| PGS | PAGES |
| PLS | PROFESSIONAL LAND SURVEYOR |

- MATCH LINE "A" SEE SHEET 4

FERN GARDEN ESTATES

TRACT T-2
2.027 AC
(TREE PROTECTION AREA)

TRACT A - LANDSCAPE BUFFER

N 01° 23' 10" W 1218.46'

EAST LINE OF TRACT A, FERN GARDEN
ESTATES, MAP BOOK 53, PAGE 18

S 88° 37' 00" W

S 01° 23' 00" E 408.78'

Figure 1 is a schematic diagram of a rectangular plot divided into six horizontal sections. The plot is bounded by a north line (N 01° 23' 00" W 540.00') and a south line (S 88° 00' 00" E 540.00'). The sections are labeled 1 through 6 from top to bottom. The widths of the sections are: Section 1: 27.50'; Section 2: 20.00'; Section 3: 20.00'; Section 4: 20.00'; Section 5: 20.00'; Section 6: 27.50'. The total width is 145.00'.

EL ORIDA ELM COURT

397.48'

U.00 PRIVATE ROW AND
ACCESS EASEMENT)

LAC
W-
53 A

0.00' DRAINAGE
EASEMENT

TRACT A

(COMMON AREA/OPEN SPACE)
(POND)

WEST LINE OF THE NORTH 1/4 OF THE SOUTH 1000.00 FEET OF THE WEST 200.00 FEET OF THE EAST 240.00 FEET OF THE NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST

ALT KEY: 5716112
PARCEL ID: 700700000049
RING GARDEN AVE, DELAND, FL 32720
(NOT A PART OF THIS PLAT)

ORB 4852 PG 4488

RIGHT OF WAY LINE OF STATE ROAD 15-A
SOUTH, RANGE 30 EAST, WITH THE WESTERLY
NORTHEAST 1/4 OF SECTION 7, TOWNSHIP 17
NORTH LINE OF THE SOUTH 975.00 FEET OF THE-

EASEMENT OF INGRESS AND EGRESS
 ORR 4852 PG 4488

SOUTH LINE OF THE NORTH 210.00 FEET
OF THE SOUTH 1000.00 FEET OF THE WEST
200.00 FEET OF THE EAST 240.00 FEET OF
THE NORTHEAST 1/4 OF SECTION 7, _____
TOWNSHIP 17 SOUTH, RANGE 30 EAST

UTILITY EASEMENT (SEE
CB 2894 PG 350 NOTE 5)

S 01° 21' 43" E 99.72'

NORTH SPRING GARDEN AVE
(STATE ROAD 15-A)
(VARIABLE WIDTH RIGHT OF WAY)

(STATE ROAD 13-A)
(VARIABLE WIDTH RIGHT OF WAY)

(VARIABLE WIDTH RIGHT OF WAY)

EAST LINE OF THE NE 1/4 OF SECTION 7,
TOWNSHIP 17 SOUTH RANGE 30 EAST

WEST LINE OF THE NW 1/4 OF SECTION 8
TOWNSHIP 17 SOUTH RANGE 30 EAST

WEST LINE OF THE NW 1/4 OF SECTION 8
TOWNSHIP 17 SOUTH RANGE 30 EAST

TYPICAL LOT DATA
SCALE: 1"=40'

Diagram showing two rectangular areas with dimensions:

- Left rectangle: 20.00' (width) x 86.00' (height)
- Right rectangle: 27.50' (width) x 86.00' (height)

LINE TABLE		
LINE #	DIRECTION	LENGTH
L1	S88° 37' 00"W	15.00'



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SHEET 5 OF 7

ALT KEY: 4863699
PARCEL ID: 700700000042
1175 W. MINNESOTA AVE,
DELAND, FL 32720
(NOT A PART OF THIS PLAT

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ALT KEY: 4973435
PARCEL ID: 700700000044
502 N. SPRING GARDEN AVE,
DELAND, FL 32720
(NOT A PART OF THIS PLAT)

DELANEY RESERVE

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

MAP
BOOK:

PAGE:

CESO IRON PIN LEGEND

- SET 5/8" REBAR WITH CAP STAMPED CESO LB8582
- △ SET MAG NAIL WITH ALUMINUM DISC STAMPED PCP LB8582
- ▣ SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582
- FOUND 3"x4" CONCRETE MONUMENT WITH DISC STAMPED PRM LB1221

- CCR CERTIFIED CORNER RECORD
- FL FLORIDA
- ID IDENTIFICATION
- LB LICENSED BUSINESS
- MB MAP BOOK
- PCP PERMANENT CONTROL POINT
- PG PAGE
- PGS PAGES
- PLS PROFESSIONAL LAND SURVEYOR

- POB POINT OF BEGINNING
- POC POINT OF COMMENCEMENT
- PRM PERMANENT REFERENCE MONUMENT
- PSM PROFESSIONAL SURVEYOR & MAPPER
- OR OFFICIAL RECORDS BOOK
- RLS REGISTERED LAND SURVEYOR
- R/W RIGHT OF WAY
- SQ FT SQUARE FEET
- UE UTILITY EASEMENT

ALT KEY: 5044131
PARCEL ID: 700700000045
800 N. SPRING GARDEN AVE,
DELAND, FL 32720
(NOT A PART OF THIS PLAT)

NORTH LINE OF THE SOUTH 610.07
FEET OF THE NORTH 1354.07 FEET OF
THE EAST 600.00 FEET OF THE
NORTHEAST 1/4 OF SECTION 7,
TOWNSHIP 17 SOUTH, RANGE 30 EAST

POC
NORTHEAST CORNER SECTION 7,
TOWNSHIP 17 SOUTH, RANGE 30 EAST
CALCULATED CORNER
NO CORNER FOUND
CCR98391

LINE TABLE		
LINE #	DIRECTION	LENGTH
L11	N01° 23' 00"W	20.00'
L12	S88° 37' 00"W	28.27'
L13	N46° 23' 00"W	22.63'
L14	S88° 37' 00"W	30.65'
L15	N88° 37' 00"E	49.92'
L16	S01° 23' 00"E	20.00'
L20	N01° 23' 00"W	20.00'
L21	S46° 23' 00"E	22.63'
L22	N88° 37' 00"E	19.99'
L23	N88° 53' 23"E	15.00'
L25	N88° 53' 23"E	17.23'
L26	S88° 37' 00"W	20.00'
L27	N88° 37' 00"E	20.00'
L28	S01° 23' 00"E	18.00'
L29	N01° 23' 00"W	18.00'
L30	N88° 37' 00"E	56.24'
L31	S01° 23' 00"E	18.00'
L32	N01° 23' 00"W	18.00'
L33	N88° 37' 00"E	68.00'
L34	S01° 23' 00"E	30.00'
L35	S88° 37' 00"W	41.00'
L36	N01° 23' 00"W	30.00'
L37	N88° 37' 00"E	41.00'

FERN GARDEN ESTATES
MB 53 PGS 18-25

TRACT A - LANDSCAPE BUFFER
ALT KEY: 8620873, PARCEL ID: 70071100000A

TRACT T-2
2.027 AC
(TREE PROTECTION AREA)

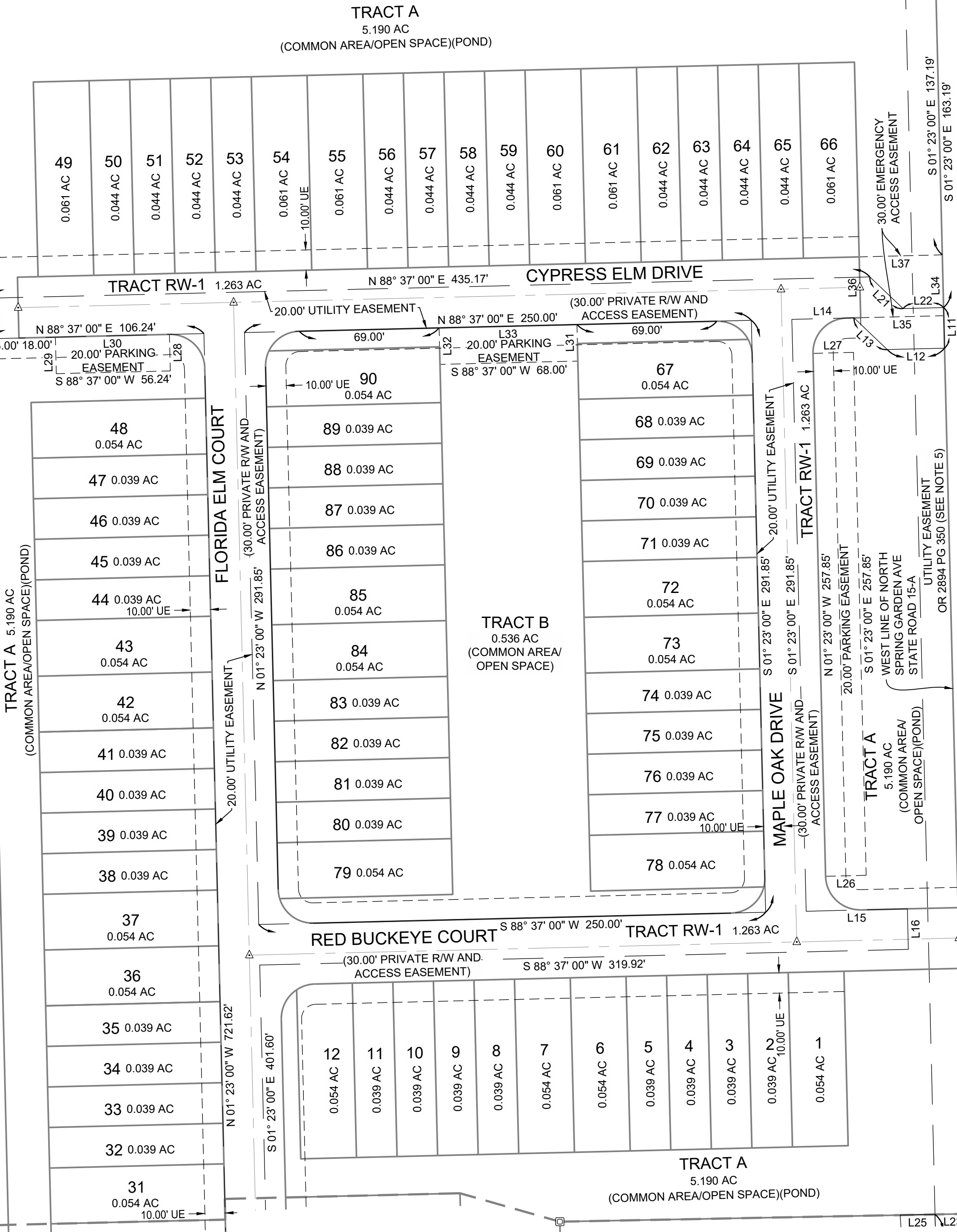
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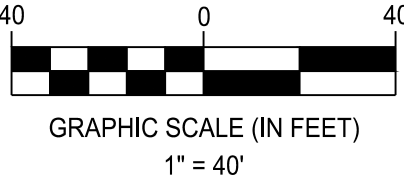
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SHEET 6 OF 7



MATCH LINE "A" SEE SHEET 7



EAST LINE OF THE NE 1/4 OF SECTION 7,
TOWNSHIP 17 SOUTH RANGE 30 EAST
WEST LINE OF THE NW 1/4 OF SECTION 8,
TOWNSHIP 17 SOUTH RANGE 30 EAST

NORTH SPRING GARDEN AVE
(STATE ROAD 15-A)
(VARIABLE WIDTH RIGHT OF WAY)

MAP BOOK:

BEING A PORTION OF SECTION 7, TOWNSHIP 17 SOUTH, RANGE 30 EAST
CITY OF DELAND, VOLUSIA COUNTY, FLORIDA

CESO IRON PIN LEGEND					
●	SET 5/8" REBAR WITH CAP STAMPED CESO LB8582	CCR FL	CERTIFIED CORNER RECORD FLORIDA	POB POC	POINT OF BEGINNING POINT OF COMMENCEMENT
△	SET MAG NAIL WITH ALUMINUM DISC STAMPED PCP LB8582	ID LB	IDENTIFICATION LICENSED BUSINESS	PRM PSM	PERMANENT REFERENCE MONUMENT PROFESSIONAL SURVEYOR & MAPPER
□	SET 4"x4" CONCRETE MONUMENT STAMPED PRM LB8582	MB PCP	MAP BOOK PERMANENT CONTROL POINT	OR R/L	OFFICIAL RECORDS BOOK REGISTERED LAND SURVEYOR
■	FOUND 3"x4" CONCRETE MONUMENT WITH DISC STAMPED PRM LB1221	PG PGS PLS	PAGE PAGES PROFESSIONAL LAND SURVEYOR	R/W SQ.FT UE	RIGHT OF WAY SQUARE FEET UTILITY EASEMENT

LINE TABLE		
LINE #	DIRECTION	LENGTH
L17	N45° 47' 54"W	10.83'
L18	N01° 23' 00"W	20.00'
L19	S45° 47' 54"E	27.27'
L23	N88° 53' 23"E	15.00'
L24	S85° 55' 33"W	6.65'
L25	N88° 53' 23"E	17.23'
L39	S88° 37' 00"W	20.00'
L40	N88° 37' 00"E	20.00'
L41	N01° 23' 36"W	18.26'
L42	S88° 37' 00"W	20.00'
L43	N88° 37' 00"E	53.14'
L44	S01° 23' 36"E	20.00'
L45	N88° 37' 00"E	9.86'
L46	S01° 31' 08"E	24.50'
L47	S89° 04' 47"W	50.00'
L48	S01° 31' 08"E	160.50'
L49	S89° 04' 47"W	24.00'
L50	N01° 31' 08"W	160.60'
L51	S89° 04' 47"W	21.79'
L52	S01° 31' 08"E	140.18'
L53	S89° 04' 47"W	24.00'
L54	N01° 31' 08"W	152.15'
L55	N89° 04' 47"E	116.52'

CURVE TABLE					
CURVE	RADIUS	LENGTH	DELTA	CHORD	BEARING
C19	10.00'	15.60'	89°24'05"	14.07'	N46° 13' 10"W
C20	30.00'	47.44'	90°35'55"	42.65'	S43° 46' 50"W
C21	24.50'	18.65'	43°37'12"	18.20'	N20° 17' 28"E
C22	50.00'	41.00'	46°58'43"	39.86'	N65° 35' 26"E



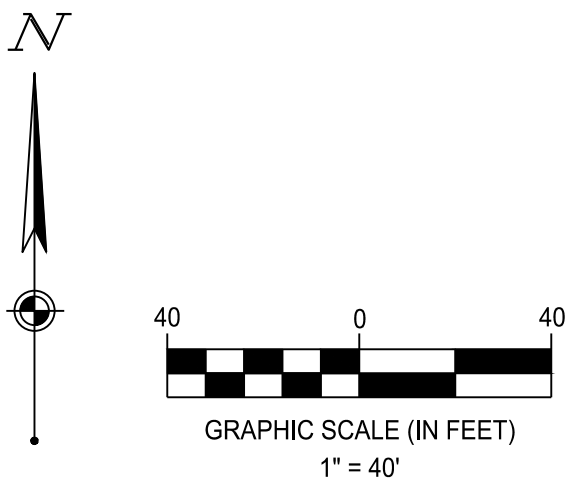
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SHEET 7 OF 7

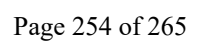
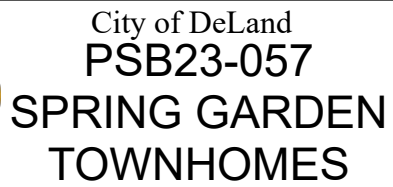
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MATCH LINE "A" SEE SHEET 6



POB
TOGETHER WITH AN
EASEMENT OF INGRESS
AND EGRESS

NORTH SPRING GARDEN AVE
(STATE ROAD 15-A)
(VARIABLE WIDTH RIGHT OF WAY)



CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Resolution Approving the Removal of One Historic Tree, Located at 201 West Minnesota Avenue.

DEPARTMENT: Public Works

PREPARED BY: Mariellen Calabro

ATTACHMENTS: Resolution, Inspectors PowerPoint Including Location 201 W Minnesota, Tree Advisory Committee Meeting Minutes

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

William Adams has requested permission to remove one historic tree located at 201 W Minnesota Avenue. The Land Development Regulations require that, before the removal of any historic trees should occur, it must be approved by the City Commission. Section 33-57.05(d) states that there must be a finding that the tree is a hazard (due to health or natural damage) or that it is not economically or practically feasible to develop the parcel without removing the tree.

The City Forester has determined that the tree proposed for removal is a 38" DBH historic Red Cedar in POOR condition. The tree poses a potential risk to the resident's home and the neighboring home to the west of the address.

At their July 9, 2024 meeting, the Tree Advisory Committee recommended APPROVAL of the removal of the 38" DBH Red Cedar tree because of its deteriorated condition due natural damage caused by a previous storm.

The Tree Advisory Committee did not specify a replacement requirement. It is the recommendation of the City Forester that replacement of the historic tree be reduced to a single canopy tree from the City's current List of Approved Tree Replacement Species. The minimum size for replacement of historic trees is six-inch caliper and seventeen feet height.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

This tree removal and required replacement support the Strategic Plan Focus Areas of Maintaining a Safe Community and Preparing for the Future/Sustainability.

SUSTAINABILITY:

The required replacement for this tree removal will help maintain the City's urban canopy coverage.

FISCAL IMPACT:

This item does not have a fiscal impact on the City.

RECOMMENDATION:

At their July 9, 2024 meeting, the Tree Advisory Committee recommended APPROVAL of the removal of one 38" DBH Red Cedar tree located at 201 W Minnesota Avenue because of its deteriorated condition due to

natural damage caused by a previous storm. The Tree Advisory Committee did not make a replacement recommendation.

Staff recommends that the City Commission APPROVE the removal of the 38” DBH historic tree with the requirement that the applicant replace the tree with one canopy tree from the City’s current List of Approved Tree Replacement Species with a minimum six-inch caliper and seventeen feet height.

BACKGROUND/DISCUSSION:

Attached is a copy of the Arborist Inspectors PowerPoint including a location map. The Minutes from the July 9, 2024 Tree Advisory Committee meeting are also attached.

RESOLUTION NO. 2024 –

**A RESOLUTION OF THE CITY COMMISSION OF DELAND, FLORIDA,
APPROVING THE REMOVAL OF ONE HISTORIC TREE LOCATED AT 201
WEST MINNESOTA AVENUE; AND PROVIDING FOR AN EFFECTIVE DATE.**

WHEREAS, the applicant, William Adams, is requesting permission to remove one (1) historic tree located at 201 W. Minnesota Avenue; and

WHEREAS, the City's Forester has determined that the 38" DBH Red Cedar tree is historic and in poor condition; and

WHEREAS, on July 9, 2024, the Tree Advisory Committee recommended approval for the removal of the historic tree due to its deteriorated condition; and

WHEREAS, the Tree Advisory Committee did not make a recommendation regarding replacement; and

WHEREAS, City staff recommends replacement for the historic tree removal be reduced to one (1) canopy tree from the City's current List of Approved Tree Replacement Species with a minimum size of six (6) inch caliper and seventeen (17) feet height.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COMMISSION OF DELAND, FLORIDA:

Section 1. The City Commission hereby approves the removal of one historic tree located at 201 West Minnesota Avenue, with a replacement requirement of one (1) canopy tree from the City's current List of Approved Tree Replacement Species with a minimum size of six inch caliper and seventeen feet height.

Section 2. This Resolution shall become effective immediately upon its adoption.

PASSED AND ADOPTED 5th day of August, 2024.

Christopher M. Cloudman
Mayor-Commissioner

ATTEST:

Julie A. Hennessy
City Clerk-Auditor

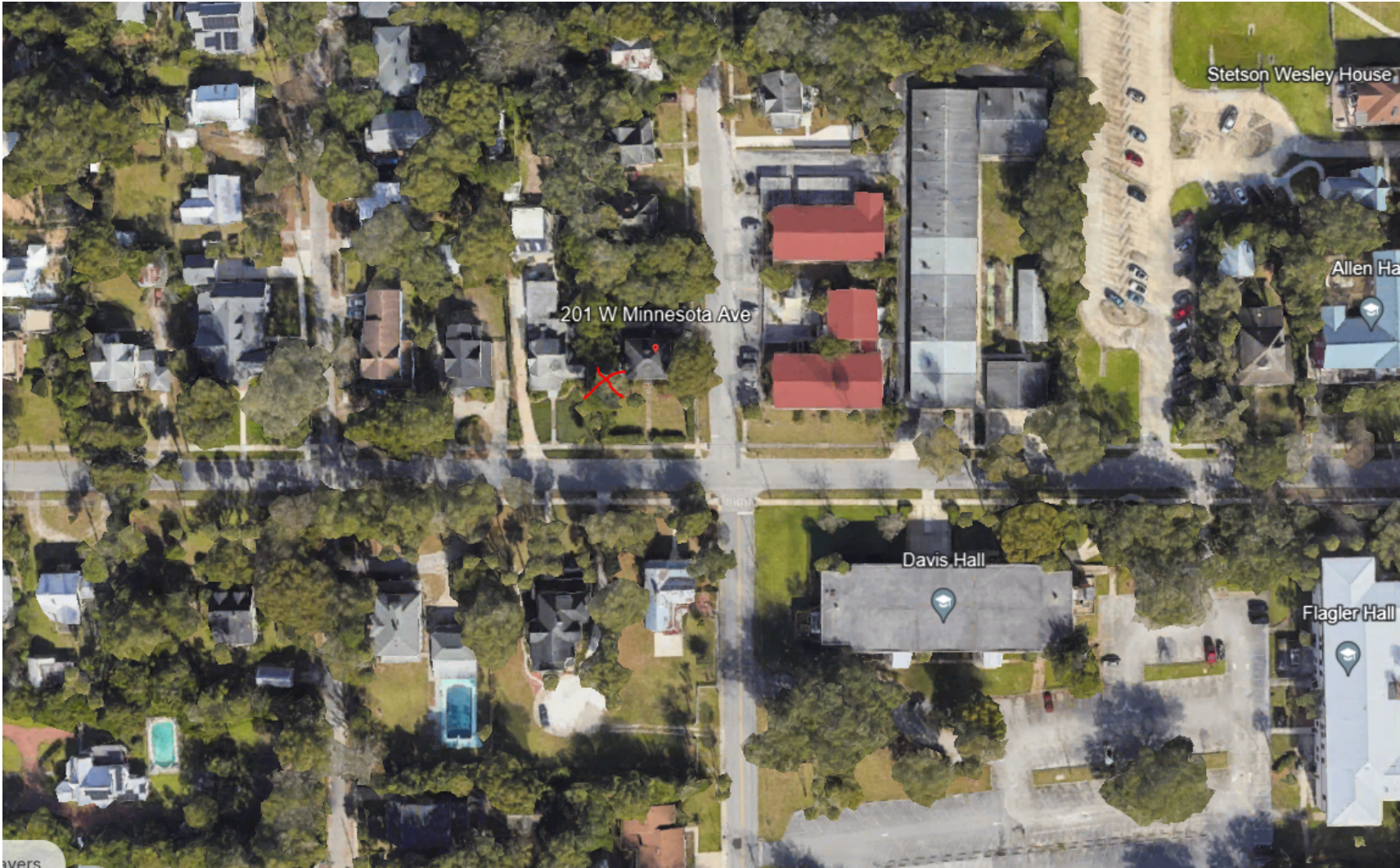
APPROVED AS TO FORM AND LEGALITY:

Darren J. Elkind
City Attorney

38" DBH Red Cedar

Tree24-015

Parcel ID # 700918020100













Tree Advisory Committee Minutes

July 9, 2024

Call to Order: Steve Edgar called the meeting to order at 5:25 PM

Roll Call: **Members:** Howard Jeffries, Steve Edgar, Dana Venrick, and Suze Peace
 Non-Members in attendance: Harry Delashmutt, Carol Grigas, Debra Zimmerman, and Trisha Danielson.
 City Staff: Corrigan Loduha and Kit Dennis

Approval of the Minutes of the Previous Meeting: Suze Peace provided the correct spelling for Stephen Kintner of the Volusia Audubon Society, who has been assisting Suze Peace and Cathy Lowenstein with the virtual tour map for their ongoing TreeMendous Tour project. Dana Venrick moved to approve the minutes with said correction, and Howard seconded the motion.

New Business:

Historic Tree Removal: Debra Zimmerman, the Property Manager at Victoria Park, and Trisha Danielson, Victoria Park HOA President, attended the meeting to discuss their application for a 25" DBH Live Oak located on HOA property next to 224 Brookgreen Way. The resident at the address has reported the tree appears to be leaning, and the resident has concerns regarding a large branch that hangs over the driveway and across a portion of the home's roof. Kit Dennis displayed the Inspector's Power Point for members to review. He told members that upon inspection for Tree Risk Assessment, a large crack was identified in the main trunk at a codominant union. Multiple areas within the tree's perimeter were pinpointed as potential targets if the damaged portion of tree were to fail. Mariellen Calabro also visited the site and offered suggestions for reductive pruning or cabling that could potentially reduce the likelihood of failure. Debra Zimmerman and Trisha Danielson had concerns with regards to cabling, as it can be extremely costly and requires regular attention and adjustments by a specialized tree service to maintain. Given that the tree is in a common HOA area rather than directly in a resident's yard, their Arborist shared some of these concerns. Both representatives feared the tree would not be observed frequently enough on a regular basis to effectively maintain the cabling. Kit Dennis and Mariellen Calabro suggested that a more conservative approach for the HOA to consider would be removing a large branch from the compromised leader, along with some reduction cuts from the upper parts of the tree to further reduce weight. The applicants remain unconvinced and told members that they still wished to have tree removed completely, agreeing to comply to either 100% required replacement, or equivalent payment into the City Tree Replacement fund. Dana Venrick and Steve Edgar indicated a preference to the HOA undertaking considerable pruning before reassessing the tree's removal, hopefully at least 5-10 years in the future. Suze Peace made a motion to deny the removal application, and Dana Venrick seconded the motion. All members in attendance were in favor and the motion carried.

Historic Tree Removal: Kit Dennis presented the Inspector's Power Point for a 38" DBH Red Cedar, located at 201 W Minnesota Ave. The top part of the tree, damaged by a storm, has fallen on this home in previous years, but the homeowner wished to keep the remaining portions intact since. The homeowner is now concerned about the tree's continual decline in health, and risk of the tree falling on their home, or on the home of the neighbor directly to the west. Howard Jeffries motioned to approve removal, and Suze Peace seconded. All members present were in favor and the motion carried.

Comments from Members:

Adjourn: Dana Venrick made a motion to adjourn, and Suze Peace seconded the motion. The meeting adjourned at 6:20 PM.

Next Meeting: August 13, 2024

CITY OF DELAND
Request for Commission Action
August 5, 2024

SUBJECT: Change of Meeting Date, Labor Day Holiday.

DEPARTMENT: City Clerk

PREPARED BY: Julie Hennessy, City Clerk

ATTACHMENTS:

APPROVED BY: Michael Pleus, City Manager, July 31, 2024

SUMMARY/HIGHLIGHT:

The first regular City Commission meeting in September is scheduled for Monday, September 2, 2024, which is the Labor Day holiday. Section 2-3 of the Code of Ordinances grants the City Commission the authority to reschedule regular meetings which fall on a legal holiday, or fall within one (1) week of a legal holiday.

The City will be holding the first of two (2) public hearings on the budget at this meeting. **The County Council budget hearings** will be held on **9/3/2024 and 9/17/2024**. **The Volusia County School Board budget hearings are scheduled for 7/30/2024 and 9/10/2024**. Pursuant to Florida Law, the City cannot hold its budget hearings on the same days as either the County Council or the School Board.

STRATEGIC PLAN FOCUS AREA/ACTION STEP:

High Value Government.

SUSTAINABILITY:

N/A

FISCAL IMPACT:

None

RECOMMENDATION:

It is recommended that the City Commission reschedule the Monday, September 2, 2024 regular City Commission meeting for **Wednesday, September 4, 2024**. This would be the date of the City's first budget hearing.

BACKGROUND/DISCUSSION:

N/A