

APOPKA DEVELOPMENT REVIEW COMMITTEE MEETING AGENDA

August 2, 2023 9:00 AM

Apopka City Hall Council Chambers

REZONING

1. Kelly Park Storage - Rezoning/Master Plan, 3rd Submittal

SITE PLAN:

MAJOR DEVELOPMENT PLAN

1. Floor and Decor - Major Development Plan, 3rd Submittal

CONSTRUCTION SITE PLAN

1. Northwest Church - Construction Site Plan, 3rd Submittal

DISCUSSION

1. Shoppes at East Shore - Variance, 1st Submittal

ADJOURNMENT

Individuals with disabilities needing assistance to participate in any of these proceedings should contact the City Clerk at least two (2) working days in advance of the meeting date and time at (407) 703-1704. F.S. 286.0105 If a person decides to appeal any decision or recommendation made by Council with respect to any matter considered at this meeting, he will need record of the proceedings, and that for such purposes he may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Any opening invocation that is offered before the official start of the Council meeting shall be the voluntary offering of a private person, to and for the benefit of the Council. The views or beliefs expressed by the invocation speaker have not been previously reviewed or approved by the City Council or the city staff, and the City is not allowed by law to endorse the religious or non-religious beliefs or views of such speaker. Persons in attendance at the City Council meeting are invited to stand during the opening ceremony. However, such invitation shall not be construed as a demand, order, or any other type of command. No person in attendance at the meeting shall be required to participate in any opening invocation that is offered or to participate in the Pledge of Allegiance. You may remain seated within the City Council Chambers or exit the City Council Chambers and return upon completion of the opening invocation and/or Pledge of Allegiance if you do not wish to participate in or witness the opening invocation and/or the recitation of the Pledge of Allegiance.



Renderings of Convenience Store

Convenience Store East

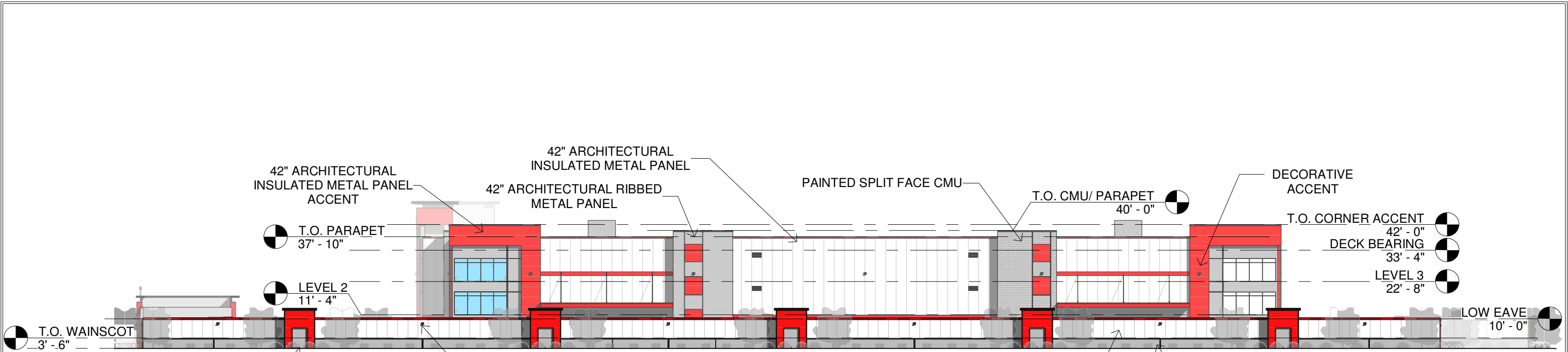
ENGINEER:	JOHN HERBERT, P.E.
CHECKED BY:	TOM SKELTON, P.E.
TECHNICIAN:	J.W.H.
PROJECT NO.	22075

**AMERICAN CIVIL
ENGINEERING CO.**
207 N. MOSS RD., SUITE 211, WINTER SPRINGS, FLA 32708
PH. (407) 327-7700; FAX (407) 327-0227
Established 1990

Kelly Park Storage

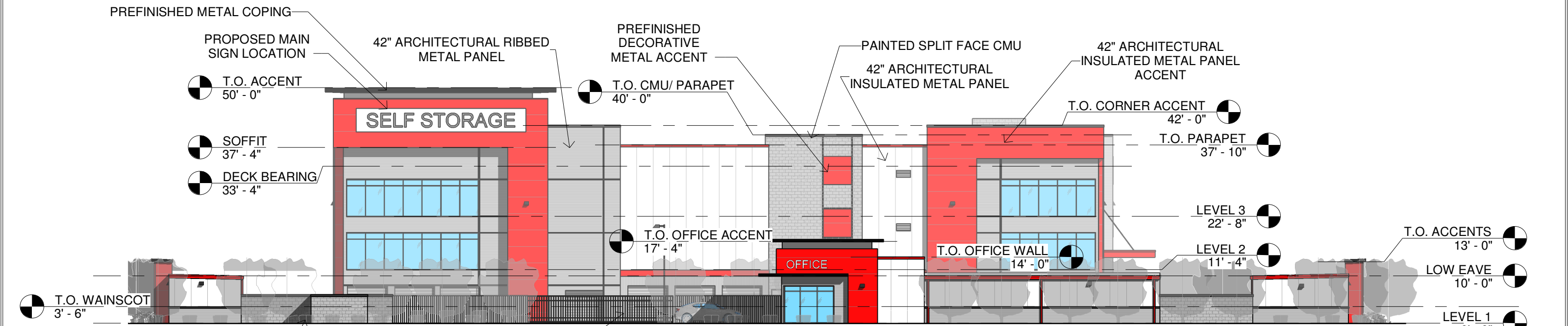
Digitally signed
by John J Herbert
Date: 2023.07.10
13:12:00 -04'00'

05.23
MASTER DEVELOPMENT PLAN
Project no. 22245
Sheet number
2 of 2



PRELIMINARY OVERALL WEST ELEVATION

1/32" = 1'-0"



PRELIMINARY OVERALL NORTH ELEVATION

1" = 20'-0"

PRES4

SELF STORAGE
KELLY PARK ROAD

FEBRUARY 27, 2023

APOPKA, FLORIDA

22541

BOBBY
GARFINKLE



ARCHITECTURE



120 E. Main Street, Apopka, Florida 32703-5346
Phone: 407-703-1700
www.apopka.gov

May 2, 2023

John Herbert, P.E.
American Civil Engineering Company
207 North Moss Road, Suite 211
Winter Springs, Florida 32708

RE: Kelly Park Storage Property – Rezoning and Master Plan, 2nd Submittal

Dear Mr. Herbert:

Enclosed are the Development Review Committee (DRC) comments for the above referenced project.

Please call or email the contact person listed for each respective department or division for inquiries on specific comments. If you have general comments or questions, please do not hesitate to contact me at (407) 703-1753, or via email at jesanchez@apopka.net.

Sincerely,

Jean Sanchez

Jean Sanchez
Senior Project Coordinator/Planner

Enclosure

The review comments and responses are below:

Review comments and responses: Kelly Park Storage Property, by John Herbert, PE

Planning & Zoning Division

For questions, please contact Jean Sanchez, Senior Project Coordinator/Planner, at (407) 703-1753, or via email at jesanchez@apopka.net.

General Comments:

1. Bubble all changes/revisions on the next submittal.

Response: All changes and revisions have been 'bubbled'. A 'delta' symbol with a number of the comment will be next to the bubble to aid you for reviewing the changes.

2. Provide a narrative on proposed use(s). More comments may be generated after this response is provided. Clarify if the gas station would include a car wash facility as an accessory use.

Response: The narrative is on the Master Development site plan. The gas station does not have a car wash.

3. The maximum front setback for buildings in the Interchange Overlay District is 20-feet.

Response: See 'SITE INFORMATION' on the plan, item 6 for added note.

4. REPEAT COMMENT: The open space requirement for developments in the Interchange Overlay is 15%. Refer to Section Q of the Kelly Park Interchange (KPI) – Form-Based Code. Label on the Master Plan the proposed open space. Said section includes a list of acceptable open space.

Response: See 'SITE INFORMATION' on the plan, item 5 for revised open space calculation.

5. Correct spelling of Effie Drive.

Response: Effie Drive has been spelled corrected.

6. REPEAT COMMENT: Label the proposed location of the off-street parking area.

Response: The off-street parking areas are located in a bubble with a delta 6.

7. REPEAT COMMENT: There is a proposed mixed-use development proposed west and south adjacent of this project. Coordinate with the application for Kelly Park Crossings – Master Plan for cross-connection.

Response: See delta 7 located on the west side of the plan. A cross-connection between Wyld Oaks and the Self Storage will not work because of the median in the middle of the road.

8. REPEAT COMMENT: Note that Effie Drive may require improvements that will result in road construction south of Kelly Park Road. Right-of-Way dedication may be required. Please contact Pam Richmond, Transportation Coordinator, at 407.703.1684 or prichmond@apopka.net for more information. Clarify if discussion with the Pam has been established in reference to road improvements and cross access.

Response: I had a phone call with Pam Richmond to discuss the cross-access (see item 7) and the improvements requiring dedicating 10' of ROW on Effie Drive and 30' on W. Kelly Park Road. See delta 8 for the location of the notes at both areas.

Transportation Planning

For questions, please contact Pam Richmond, Transportation Coordinator, at (407) 703-1686 or via email at prichmond@apopka.net.

Lighting

The lighting/photometrics will be engineered and designed at final construction plans.

For questions, please contact Chuck Vavrek, Special Assessment Coordinator, at (407) 703-1700 ext. 654 or via email at cvavrek@apopka.net.

Engineering Division

For questions, please contact Richard Earp, City Engineer, at (407) 703-1627 or via email at rearp@apopka.net.

9. No comments.

Response: no comments

Public Services

For questions, please contact Vladimir Simonovski, Utility Manager, at (407) 703-1689 or via email at vsimonovski@apopka.net.

Building Division

For questions, please contact John Hanson, Deputy Building Official, at (407) 703-1612 or via email at jhanson@apopka.net.

10. The Building Department has no comments at this time.

Response: no comments

Fire Department

For questions, please contact Jeremy Holderfield, Captain/Fire Inspector, at (407) 703-1754 or via email at jholderfield@apopka.net.

Police Department

For questions, please contact Michael McKinley, Police Chief, at (407) 703-1771 or via email at mmckinley@apopka.net.

11. The police department does not have any comments at this time.

Response: no comments

LM Architects **AA-0003434**
Walt Whitman Road, Suite
Huntington Station, NY 11746
Telephone 631 683 5588
Fax 631 683 5591



CODE CONSULTANTS, INC.
2643 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63146-4235
314-931-2633

Smiley»Horn

23 KIMLEY-HORN AND ASSOCIATES, INC.
S. ORANGE AVE., SUITE 1000
INDO, FL 32801
E: 407-898-1511
KIMLEY-HORN.COM

PROJECT _____

FLOORDECOR

SWC ORANGE BLOSSOM TRAIL &
LAKE VIEW DRIVE, FL 32712

SUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA : 77,901 SF
JOB NUMBER: 022172
ROTOTYPE: 2022 Q4

SUE _____

[illegible]

REAL _____



07/18/2023

TREE CANOPY COVERAGE

RAWN: JTD
CHECKED: MTF

L0.51

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

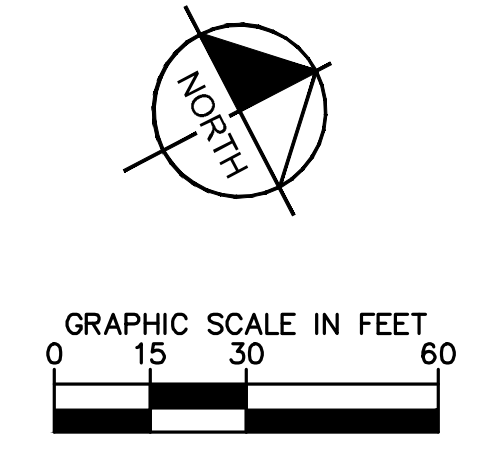
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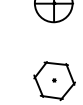
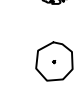
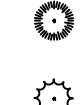
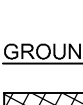
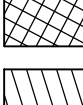
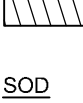
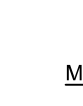
NUMBER	DBH	SPECIES	STATUS	SPECIMEN
41007		20 PALM	OFF-SITE	
41013		20 PALM	OFF-SITE	
41097		6 TREE	REMOVED	
41098		6 TREE	REMOVED	
41099		16 OAK	REMOVED	
41100		6 OAK	REMOVED	
41101		32 OAK	REMOVED	Yes
41102		20 OAK	REMOVED	
41103		26 OAK	REMOVED	Yes
41104		20 OAK	REMOVED	
41105		15 OAK	REMOVED	
41106		16 OAK	REMOVED	
41107		20 TREE	REMOVED	
41108		7 OAK	REMOVED	
41109		11 OAK	REMOVED	
41110		18 TREE	REMOVED	
41111		17 OAK	REMOVED	
41112		9 OAK	REMOVED	
41113		22 OAK	REMOVED	
41114		22 OAK	REMOVED	
41115		18 OAK	REMOVED	
41116		12 OAK	REMOVED	
41117		18 OAK	REMOVED	
41118		16 OAK	REMOVED	
41119		6 OAK	REMOVED	
41120		18 OAK	REMOVED	
41121		13 OAK	REMOVED	
41122		24 OAK	REMOVED	Yes
41123		12 OAK	REMOVED	
41124		6 OAK	REMOVED	
41125		32 OAK	REMOVED	Yes
41126		13 OAK	REMOVED	
41127		13 OAK	REMOVED	
41128		13 OAK	REMOVED	
41129		32 OAK	REMOVED	Yes
41130		18 OAK	REMOVED	
41131		13 OAK	REMOVED	
41132		11 OAK	REMOVED	
41133		14 OAK	REMOVED	
41134		7 OAK	REMOVED	
41135		6 OAK	REMOVED	
41136		12 OAK	REMOVED	
41137		7 OAK	REMOVED	
41138		12 OAK	REMOVED	
41139		7 OAK	REMOVED	
41140		6 OAK	REMOVED	
41141		15 OAK	REMOVED	
41142		50 OAK 5	REMOVED	Yes
41143		15 OAK	REMOVED	
41144		17 OAK	REMOVED	
41145		14 OAK	REMOVED	
41146		13 OAK	REMOVED	
41147		34 OAK	REMOVED	Yes
41148		10 OAK	REMOVED	
41149		18 OAK	REMOVED	
41150		24 OAK	REMOVED	Yes
41151		12 OAK	REMOVED	
41152		10 OAK	REMOVED	
41153		10 OAK	REMOVED	
41154		10 OAK	REMOVED	
41155		20 OAK	REMOVED	
41156		22 OAK	REMOVED	
41157		22 OAK	REMOVED	
41158		12 OAK	REMOVED	
41159		32 OAK	REMOVED	Yes
41160		10 OAK	REMOVED	
41161		17 OAK	REMOVED	
41162		9 OAK	REMOVED	
41163		24 OAK	REMOVED	Yes
41164		17 OAK	REMOVED	
41165		7 OAK	REMOVED	
41166		25 OAK 5	REMOVED	Yes
41167		6 OAK	REMOVED	
41169		24 OAK	REMOVED	Yes
41170		8 OAK	REMOVED	
41171		24 OAK	REMOVED	Yes
41172		8 OAK	REMOVED	
41173		6 TREE	OFF-SITE	
41174		10 OAK	REMOVED	
41175		6 OAK	REMOVED	
41176		6 OAK	REMOVED	
41177		10 OAK	REMOVED	
41178		15 OAK	REMOVED	
41179		14 OAK	REMOVED	
41180		10 OAK	REMOVED	
41181		20 TREE	OFF-SITE	
41182		24 TREE	OFF-SITE	
41183		24 TREE	OFF-SITE	
41184		24 CAM	OFF-SITE	
41185		22 OAK	REMOVED	
41186		14 OAK	REMOVED	
41187		8 OAK	REMOVED	
41188		10 OAK	REMOVED	
41189		9 OAK	REMOVED	
41190		12 OAK	REMOVED	
41191		8 OAK	OFF-SITE	
41192		14 OAK	REMOVED	
41193		19 OAK	OFF-SITE	
41194		6 OAK	OFF-SITE	
41195		7 CAM	OFF-SITE	

NUMBER	DBH	SPECIES	STATUS	SPECIMEN
41196		13 OAK	OFF-SITE	
41197		13 OAK	OFF-SITE	
41198		12 OAK	REMOVED	
41199		10 OAK	OFF-SITE	
41200		18 OAK	OFF-SITE	
41201		7 CAM	OFF-SITE	
41202		8 OAK	OFF-SITE	
41203		30 OAK	OFF-SITE	
41204		10 OAK	OFF-SITE	
41205		14 CAM	OFF-SITE	
41206		9 CAM	REMOVED	
41207		8 CAM	OFF-SITE	
41208		22 OAK	REMOVED	
41209		22 OAK	OFF-SITE	
41210		13 OAK	OFF-SITE	
41211		10 OAK	OFF-SITE	
41212		8 OAK	OFF-SITE	
41213		12 CAM	OFF-SITE	
41214		8 TREE	OFF-SITE	
41215		8 OAK	OFF-SITE	
41216		10 OAK	OFF-SITE	
41217		9 OAK	REMOVED	
41218		9 OAK	OFF-SITE	
41219		7 OAK	REMOVED	
41220		7 TREE	OFF-SITE	
41221		9 OAK	OFF-SITE	
41222		9 OAK	OFF-SITE	
41223		6 OAK	OFF-SITE	
41224		8 OAK	OFF-SITE	
41225		6 OAK	OFF-SITE	
41226		8 OAK	OFF-SITE	
41227		8 OAK	OFF-SITE	
41228		10 OAK	OFF-SITE	
41229		18 TREE	OFF-SITE	
41230		20 OAK	OFF-SITE	
41231		22 OAK	OFF-SITE	
41232		18 OAK	OFF-SITE	
41233		12 OAK	OFF-SITE	
41234		8 TREE	OFF-SITE	
41235		10 OAK	OFF-SITE	
41236		12 CAM	OFF-SITE	
41237		8 CAM	OFF-SITE	
41238		10 TREE	OFF-SITE	
41239		6 OAK	OFF-SITE	
41240		7 OAK	OFF-SITE	
41241		10 TREE	OFF-SITE	
41242		11 OAK	OFF-SITE	
41243		6 OAK	OFF-SITE	
41244		8 OAK	OFF-SITE	
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41247		8 OAK	OFF-SITE	
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41265		13 OAK	OFF-SITE	
41266		7 OAK	OFF-SITE	
41267		7 OAK	OFF-SITE	
41268		18 CAM	OFF-SITE	
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41270		10 OAK	OFF-SITE	
41271		7 OAK	OFF-SITE	
41272		6 OAK	OFF-SITE	
42001		24 OAK	REMOVED	Yes
42002		20 OAK	REMOVED	
42003		20 OAK	REMOVED	
42004		24 OAK	REMOVED	Yes
42005		22 OAK	REMOVED	
42006		22 OAK	PRESERVED	
42007		12 OAK	PRESERVED	
42008		12 OAK	OFF-SITE	
42009		12 OAK	OFF-SITE	
42010		22 OAK	OFF-SITE	
42011		20 OAK	OFF-SITE	
42012		20 OAK	OFF-SITE	
42013		10 OAK	PRESERVED	
42014		8 OAK	PRESERVED	
42015		10 OAK	REMOVED	
42016		12 OAK	REMOVED	
42017		16 OAK	REMOVED	
42018		12 OAK	REMOVED	
42019		30 TREE	REMOVED	Yes
42021		30 OAK	REMOVED	Yes
42022		16 OAK	REMOVED	
42023		14 OAK	REMOVED	
42024		24 OAK	REMOVED	Yes

NUMBER	DBH	SPECIES	STATUS	SPECIMEN
42025		22 OAK	REMOVED	
42026		13 OAK	OFF-SITE	
42027		16 OAK	REMOVED	
42028		10 OAK	REMOVED	
42029		10 OAK	REMOVED	
42031		16 TREE	REMOVED	Yes
42032		24 OAK	REMOVED	
42033		6 OAK	REMOVED	
42034		12 OAK	REMOVED	
42035		8 OAK	PRESERVED	
42036		6 OAK	REMOVED	
42037		6 OAK	REMOVED	
42038		8 OAK	REMOVED	
42039		50 OAK 5	OFF-SITE	
42040		10 OAK	OFF-SITE	
42041		24 OAK	REMOVED	Yes
42042		6 OAK	REMOVED	
42043		6 OAK	REMOVED	
42044		6 OAK	PRESERVED	
42045		6 OAK	PRESERVED	
42046		10 OAK	REMOVED	
42047		8 OAK	REMOVED	
42048		8 TREE	REMOVED	
42049		24 OAK	REMOVED	Yes
42050		24 TREE	REMOVED	Yes
42052		20 TREE	REMOVED	
42053		20 OAK	REMOVED	
42054		34 OAK	REMOVED	Yes
42055		14 TREE	REMOVED	
42056		10 OAK	REMOVED	
42057		10 OAK	REMOVED	
42058		22 OAK	REMOVED	
42059		12 TREE	OFF-SITE	
42060		28 OAK	OFF-SITE	
42061		28 OAK	PRESERVED	Yes
42062		10 OAK	REMOVED	
42063		16 OAK	REMOVED	
42064		10 OAK	REMOVED	
42065		10 OAK	REMOVED	
42066		16 TREE	REMOVED	
42067		16 TREE	REMOVED	
42068		16 TREE	REMOVED	
42069		16 TREE	REMOVED	
42070		6 TREE	PRESERVED	
42071		6 TREE	PRESERVED	
42072		10 TREE	REMOVED	
42073		10 TREE	REMOVED	
42074		10 TREE	REMOVED	
42075		8 TREE	OFF-SITE	
42076		10 TREE	OFF-SITE	
42077		12 TREE	OFF-SITE	
42078		6 TREE	OFF-SITE	
42079		8 TREE	OFF-SITE	
42080		8 TREE	OFF-SITE	
42081		20 TREE	OFF-SITE	
42082		6 OAK	OFF-SITE	
42083		8 TREE	OFF-SITE	
42084		6 TREE	OFF-SITE	
42085		6 TREE	OFF-SITE	
42086		12 OAK	OFF-SITE	
42087		14 OAK	OFF-SITE	
42088		35 OAK 5	OFF-SITE	
42089		14 OAK	PRESERVED	
42090		6 OAK	PRESERVED	
42091		10 PALM	REMOVED	
42092		12 TREE	PRESERVED	
42093		16 TREE	REMOVED	
42094		16 TREE	REMOVED	
42095		12 TREE	REMOVED	
42096		16 TREE	REMOVED	
42097		12 TREE	REMOVED	
42098		10 TREE	REMOVED	
42101		10 OAK	REMOVED	
42102		10 OAK	REMOVED	
42103		8 OAK	REMOVED	
42104		6 OAK	REMOVED	
42105		14 OAK	REMOVED	
42106		10 OAK	REMOVED	
42107		30 OAK	REMOVED	Yes
42108		10 OAK	REMOVED	
42109		6 OAK	REMOVED	
42111		16 TREE	REMOVED	
42112		30 OAK	REMOVED	Yes
42113		14 OAK	REMOVED	
42114		14 OAK	REMOVED	
42115		8 OAK	REMOVED	
42116		8 PALM	REMOVED	
42117		6 OAK	REMOVED	
42118		8 OAK	REMOVED	
42119		28 OAK	REMOVED	Yes
42120		8 OAK	REMOVED	
42121		14 OAK	REMOVED	
42122		16 OAK	REMOVED	
42123		14 OAK	REMOVED	
42124		30 OAK	REMOVED	Yes
42125		8 OAK	REMOVED	
42126		14 OAK	REMOVED	
42127		12 OAK	REMOVED	
42128		16 OAK	REMOVED	
42129		12 OAK	REMOVED	

NUMBER	DBH	SPECIES	STATUS	SPECIMEN
42130		8 OAK	REMOVED	
42132		8 OAK	REMOVED	
42133		18 OAK	REMOVED	
42134		18 OAK	REMOVED	
42135		12 OAK	REMOVED	
42136		6 OAK	REMOVED	
42137		12 OAK	REMOVED	
42138		20 OAK	REMOVED	
42139		20 OAK	REMOVED	
42140		24 TREE	REMOVED	Yes
42141		16 OAK	REMOVED	
42142		20 OAK	REMOVED	
42143		18 OAK	REMOVED	
42144		18 OAK	REMOVED	
42145		20 OAK	REMOVED	
42146		20 OAK	REMOVED	
42147		20 OAK	REMOVED	
42148		22 OAK	REMOVED	
42149		12 OAK	REMOVED	
42150		14 OAK	REMOVED	
42151		20 OAK	REMOVED	
42152		12 OAK	REMOVED	
42153		36 OAK	REMOVED	
42154		28 OAK	REMOVED	Yes
42155		22 OAK	REMOVED	
42156		24 OAK	REMOVED	Yes
42157		14 OAK	REMOVED	
42158		14 OAK	REMOVED	
42159		34 OAK	REMOVED	Yes
42160		18 OAK	REMOVED	
42161		24 OAK	REMOVED	Yes
42162		26 OAK	REMOVED	Yes
42163		20 OAK	REMOVED	
50018		30 PALM	OFF-SITE	
50019		18 PALM	REMOVED	
50020		20 PALM	OFF-SITE	
50023		22 OAK	REMOVED	
50026		10 OAK	REMOVED	
50035		20 OAK	REMOVED	
50036		18 TREE	REMOVED	
50037		48 TREE	REMOVED	Yes
50046		15 PALM	REMOVED	
50047		18 PALM	REMOVED	
50211		18 OAK	REMOVED	
50212		24 OAK	REMOVED	Yes
50213		9 OAK	OFF-SITE	
50214		13 OAK	REMOVED	
50215		48 OAK	REMOVED	Yes
50216		28 OAK	REMOVED	Yes
50217		28 OAK	REMOVED	Yes
50219		36 TREE	REMOVED	Yes
50220		28 OAK	REMOVED	Yes
50222		36 OAK	REMOVED	Yes
50223		18 OAK	REMOVED	
50224		36 OAK	REMOVED	Yes
50226		48 OAK	REMOVED	Yes
50227		14 TREE	REMOVED	
50228		36 OAK	REMOVED	Yes
50229		28 OAK	REMOVED	Yes
50230		24 OAK	REMOVED	Yes
50231		24 TREE	REMOVED	Yes
50233		30 TREE	REMOVED	Yes
50234		16 TREE	REMOVED	
50235		7 TREE	REMOVED	
50236		18 TREE	REMOVED	
50237		15 TREE	REMOVED	
50238		6 TREE	REMOVED	
50240		15 TREE	REMOVED	
50241		6 TREE	REMOVED	
50242		8 CAM	REMOVED	
50243		8 TREE	REMOVED	
50244		8 TREE	REMOVED	
50245		12 TREE	REMOVED	
50246		11 TREE	REMOVED	
50247		10 TREE	REMOVED	
50248		6 TREE	REMOVED	
50249		18 TREE	REMOVED	
50250		16 TREE	REMOVED	
50251		8 TREE	REMOVED	
50252		6 TREE	REMOVED	
50253		6 TREE	PRESERVED	
50254		6 TREE	PRESERVED	
50255		7 TREE	OFF-SITE	
50256		7 TREE	PRESERVED	
50257		7 TREE	PRESERVED	
50259		6 TREE	REMOVED	
50260		24 TREE	PRESERVED	Yes
50261		7 TREE	PRESERVED	
50262		14 TREE	REMOVED	
50263		17 TREE	REMOVED	
50264		7 TREE	PRESERVED	
50265		12 TREE	PRESERVED	
50266		12 TREE	PRESERVED	
50267		22 TREE	PRESERVED	
50270		18 TREE	REMOVED	
50271		6 TREE	REMOVED	
50272		18 TREE	REMOVED	
50274		8 TREE	REMOVED	
50275		10 TREE	REMOVED	
50276		12 TREE	REMOVED	
50277		6 CAM	REMOVED	
50278		6 TREE	REMOVED	
50279		6 TREE	REMOVED	
50280		8 TREE	REMOVED	
50281		11 TREE	REMOVED	
50284		18 TREE	REMOVED	
50287		16 OAK	REMOVED	
50288		7 TREE	REMOVED	
50289		18 TREE	REMOVED	
50290		36 OAK	REMOVED	Yes
50291		6 PALM	REMOVED	
50315		24 TREE	REMOVED	Yes



PLANT SCHEDULE								
TREES								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	AF	10	ACER RUBRUM 'FLORIDA FLAME' STRAIGHT, SINGLE LEADER, FULL, FL #1	FLORIDA FLAME RED MAPLE	FG	3" CAL MIN	14' HT., 6" SP	
	QS	7	QUERCUS SHUMARDII STRAIGHT, SINGLE LEADER, FULL, FL #1	SHUMARD OAK	FG	3" CAL MIN	14' HT., 6" SP	
	QV	57	QUERCUS VIRGINIANA STRAIGHT, SINGLE LEADER, FULL, FL #1	SOUTHERN LIVE OAK	FG	3" CAL MIN	14' HT., 6" SP	
UNDERSTORY TREES								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	LIT8	10	LAGERSTROEMIA INDICA X FAURIEI 'TUSCARORA' MULTI-TRUNK, 5 TRUNKS, FULL, FLORIDA #1	TUSCARORA CRAPE MYRTLE MULTI-TRUNK	FG	5" CAL. TOT.	8' HT MIN	
PALM								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	
	SP	24	SABAL PALMETTO STRAIGHT, SICK, HURRICANE CUT, FL #1	SABAL PALM	FG	-	12' - 18' CT	
SHRUBS								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	
	DC	117	DURANTA ERECTA 'CUBAN GOLD' FULL	CUBAN GOLD DURANTA	3 GAL	36" OC	14" FULL	
	LP	191	LOROPETALUM CHINENSE RUBRUM 'PLUM DELIGHT' TM FULL	PURPLE LEAF FRINGE FLOWER	3 GAL	36" OC	24" HT MIN	
	PM	194	PODOCARPUS MACROPHYLLUS FULL TO BASE, CLOSELY MATCHING	PODOCARPUS	7 GAL	36" OC	36" HT MIN	
	RA	154	RHAPHOLEPSIS INDICA 'ALBA' FULL	WHITE INDIAN HAWTHORN	3 GAL	36" OC	24" HT MIN	
	ST	99	SCHIEFFELERA ARBORICOLA 'TRINETTE' FULL	SCHIEFFELERA	3 GAL	36" OC	24" FULL	
	VO	690	VIBURNUM OOCORATISSIMUM FULL	SWEET VIBURNUM	7 GAL	36" OC	36" HT MIN	
	ZF	91	ZAMIA FLORIDANA FULL	COONTIE PALM	3 GAL	36" OC	18" FULL	
GROUND COVERS								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	
	MC	165	MUhlenbergia capillaris FULL	PINK MUHLY	3 GAL	36" OC	12" FULL	
	PE	84	Paspalum quadrifarium FULL	EVERGREEN PASPALUM	3 GAL	36" OC	24" FULL	
GROUND COVERS								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	
	EB	355	Evolvulus glomeratus 'BLUE DAZE' FULL	BLUE DAZE	3 GAL	12" SPRD MIN	24" OC	
	TM2	910	Trachelospermum asiaticum 'MINIMA' FULL	MINIMA JASMINE	3 GAL	12" FULL	18" OC	
SOD								
	CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	SIZE	SPACING	
	PA	48,529 SF	Paspalum notatum 'ARGENTINE' ROLLED TIGHT, 100% WEED/INSECT/DISEASE/DEBRIS FREE	ARGENTINE BAHIA GRASS	SOD	-	-	

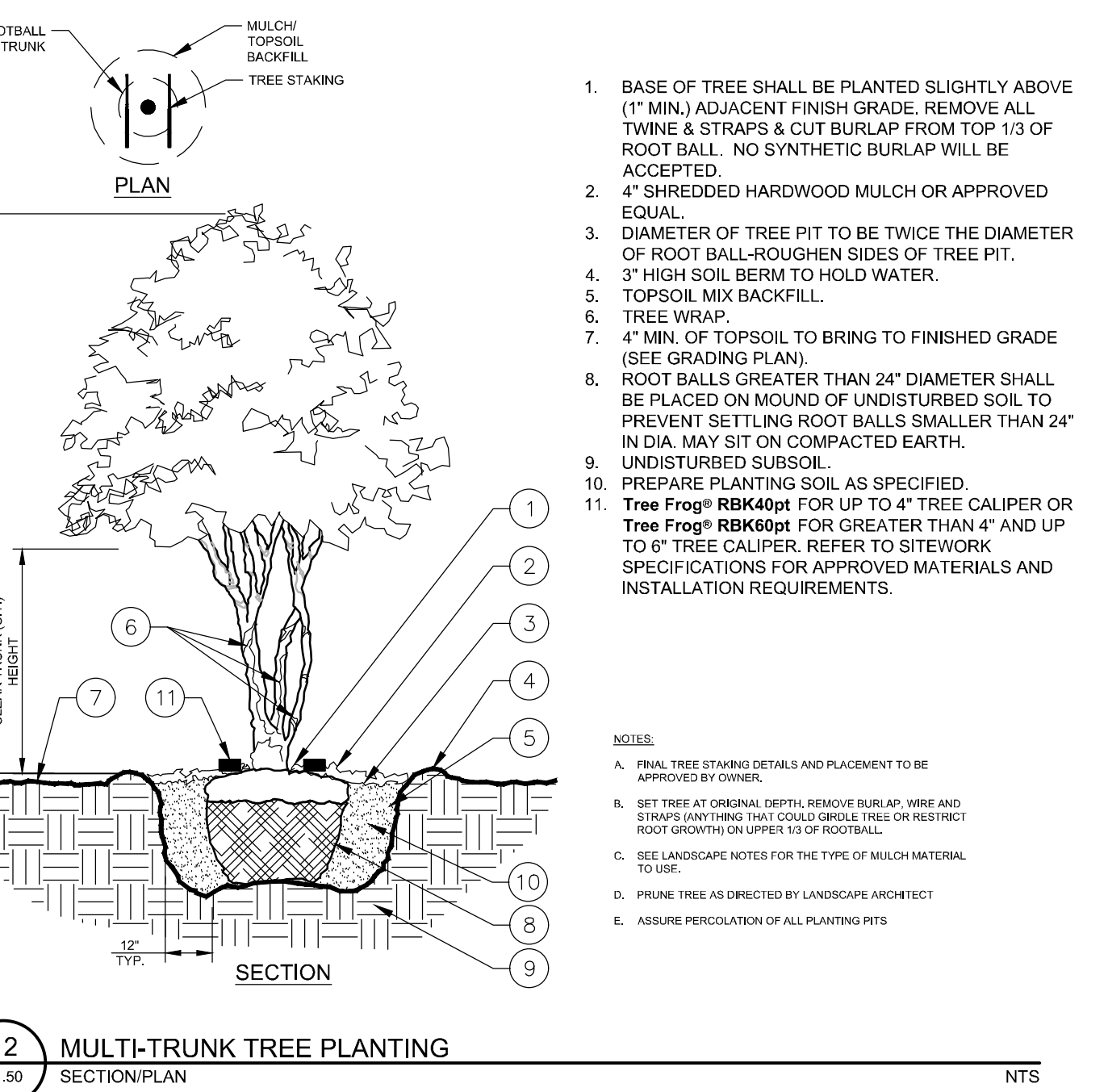
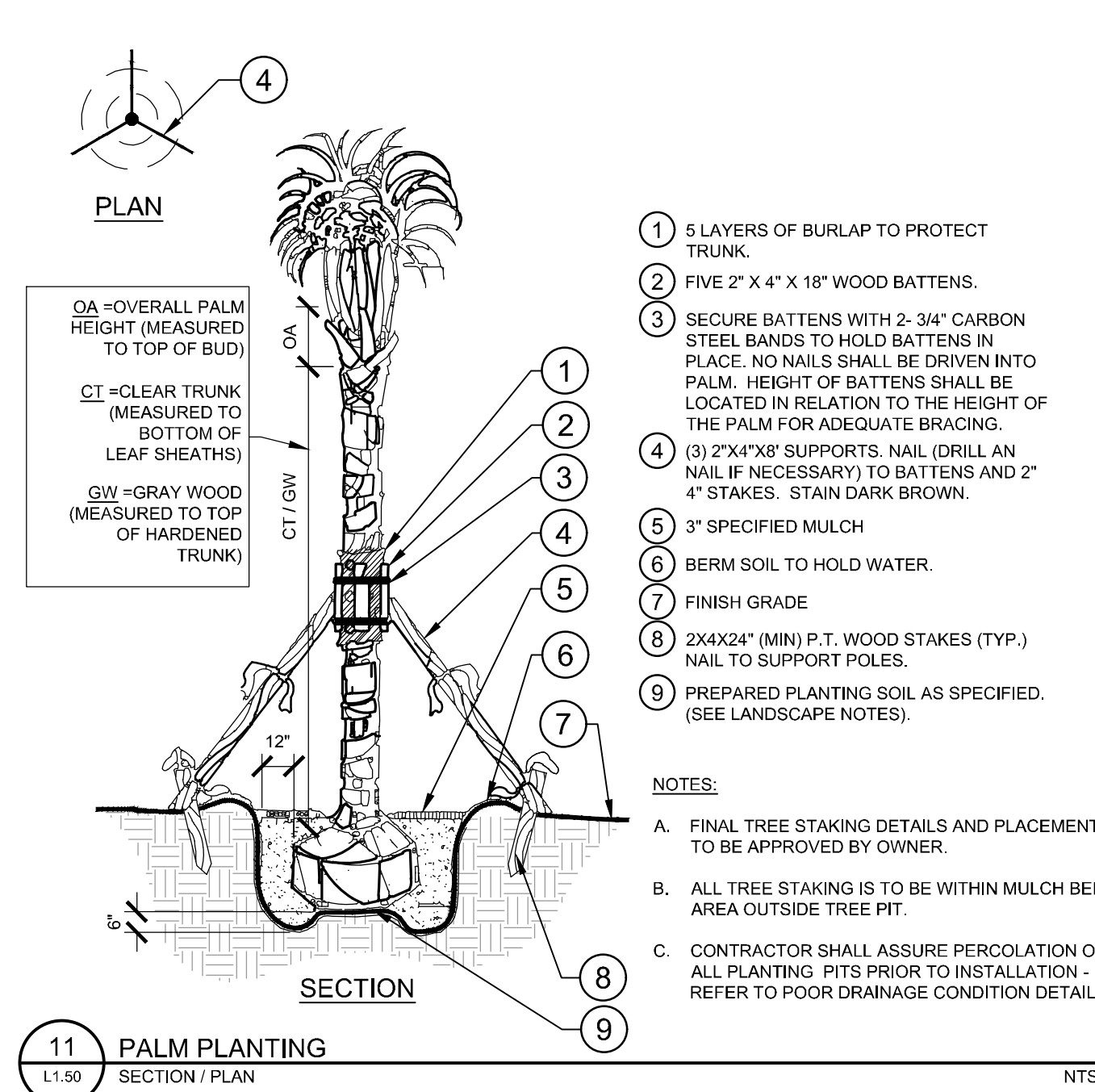
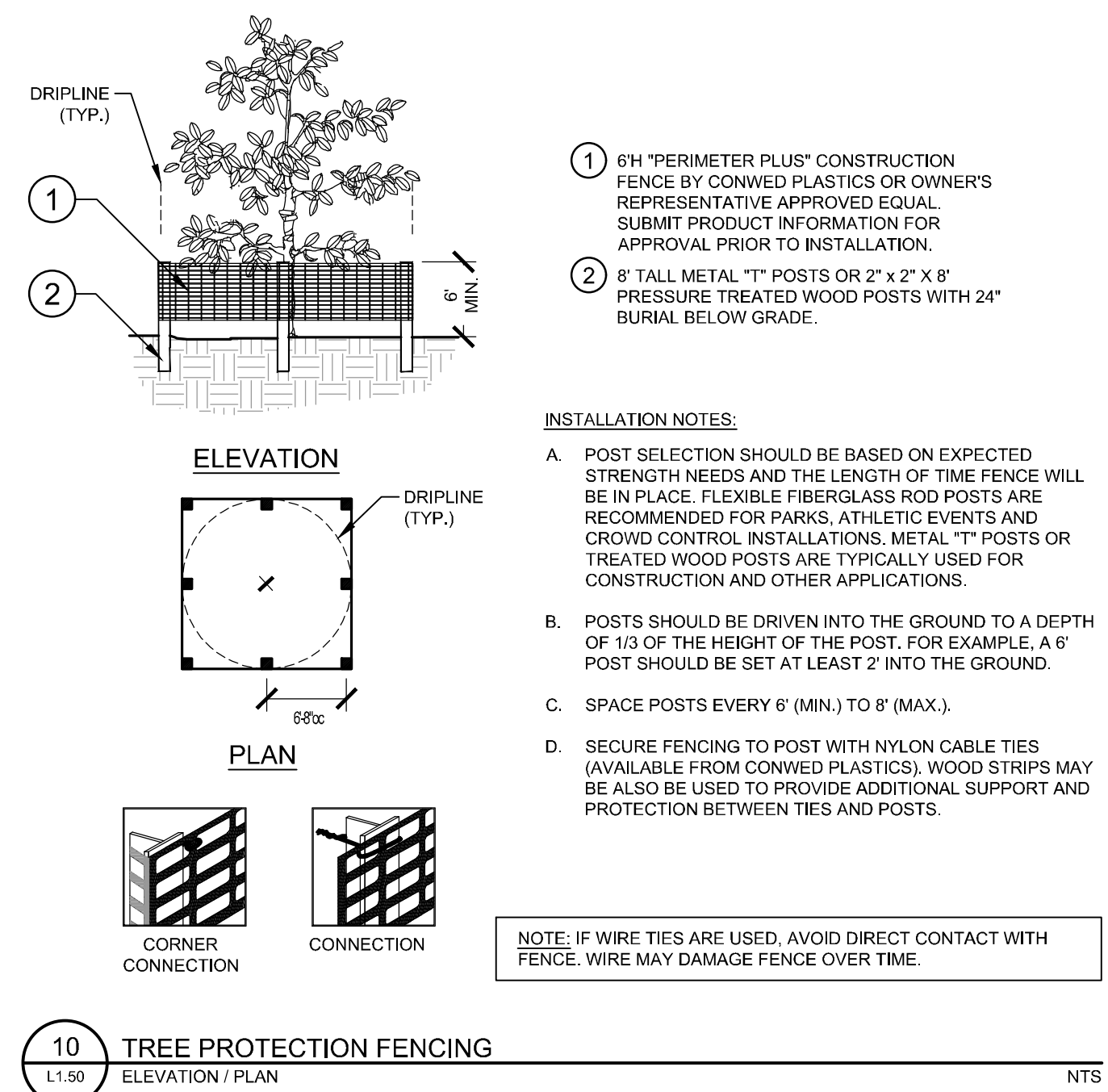
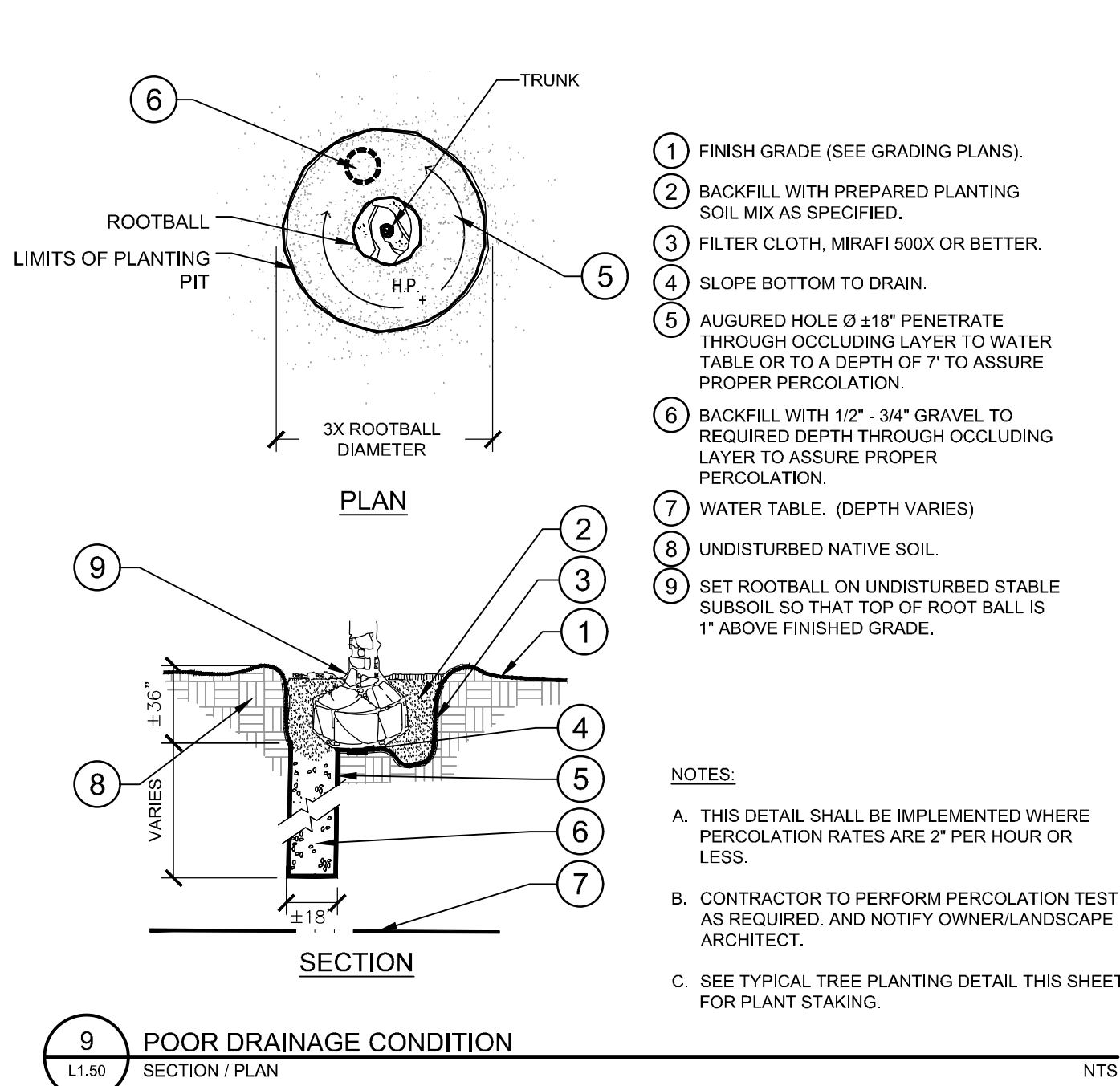
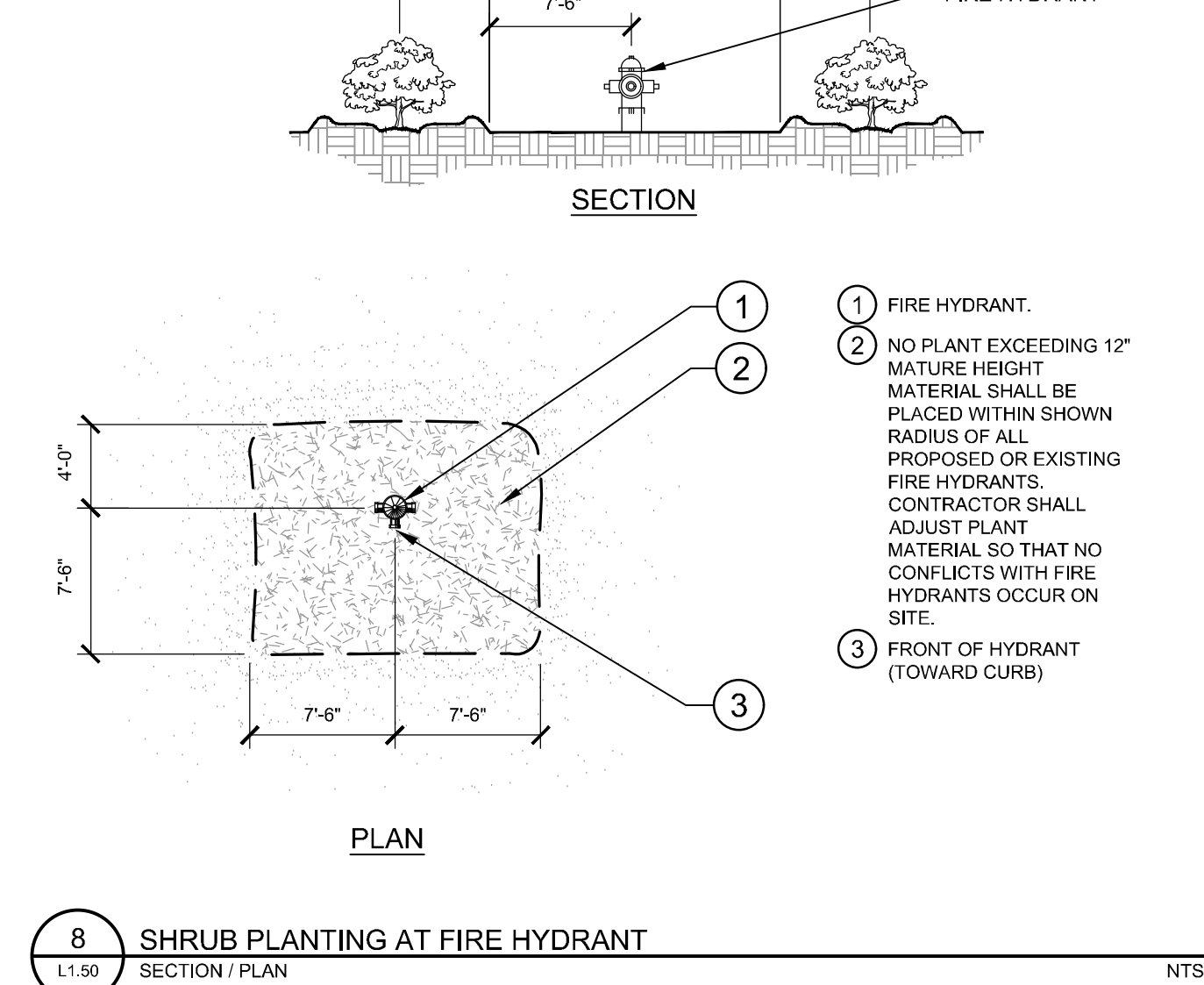
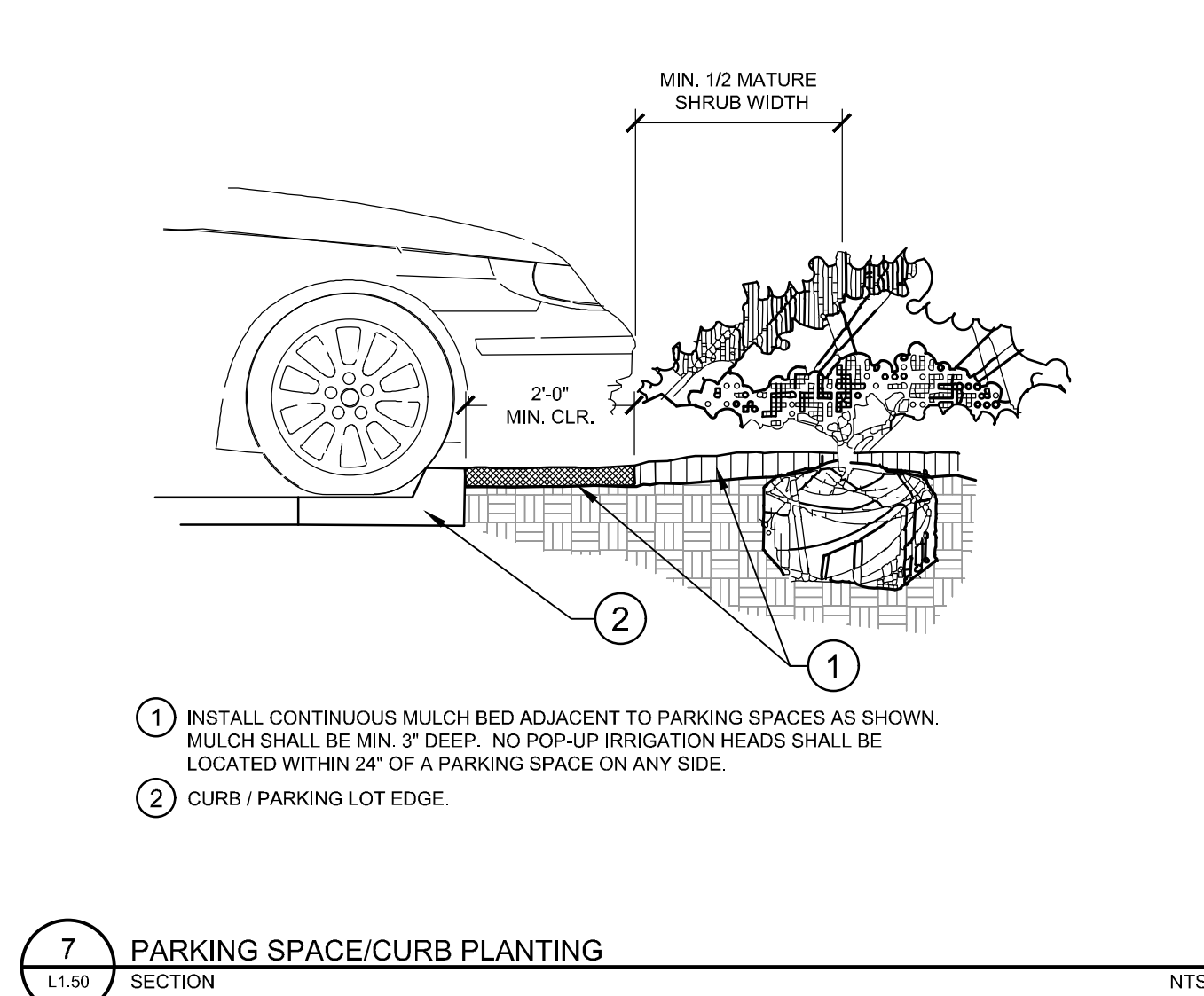
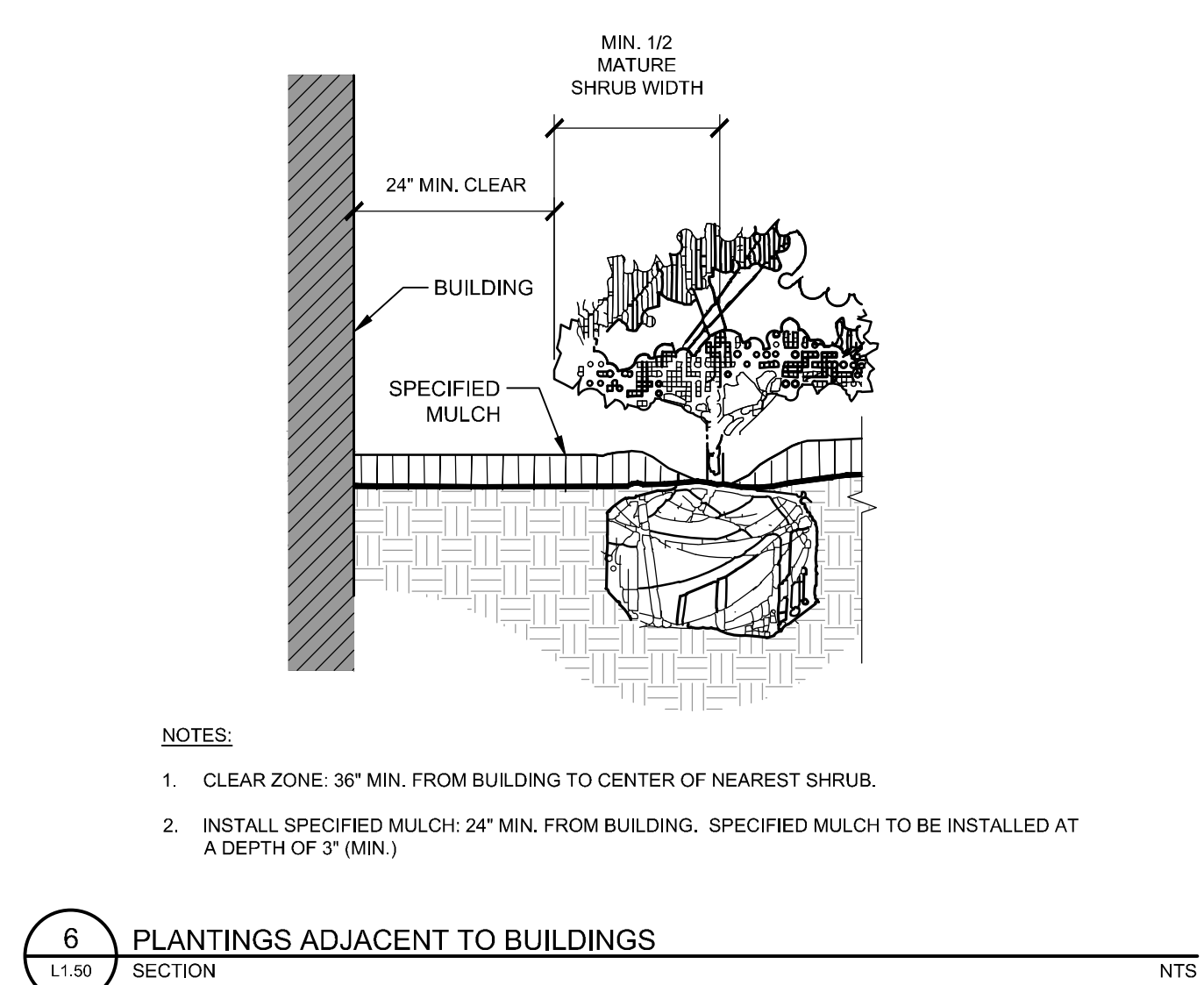
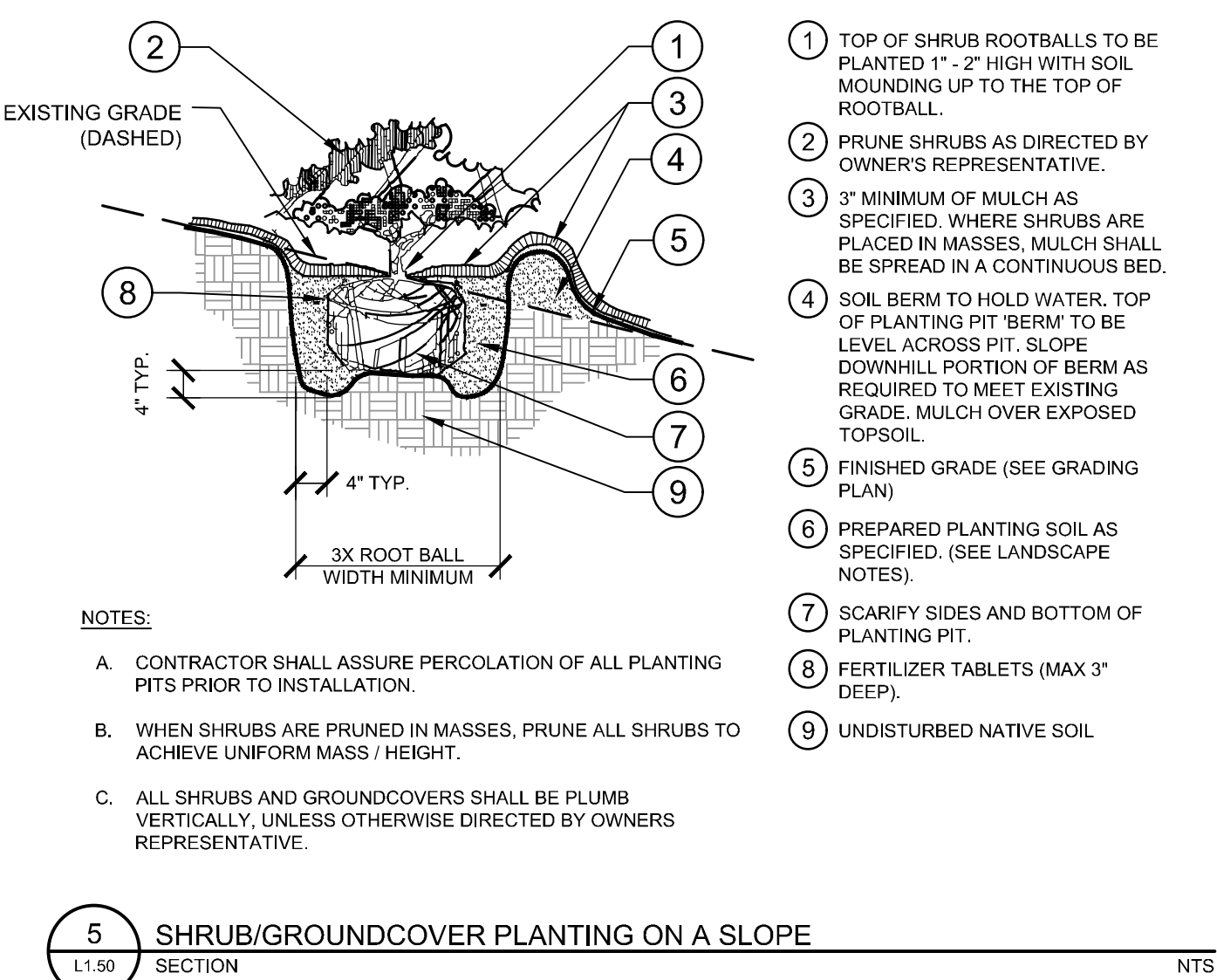
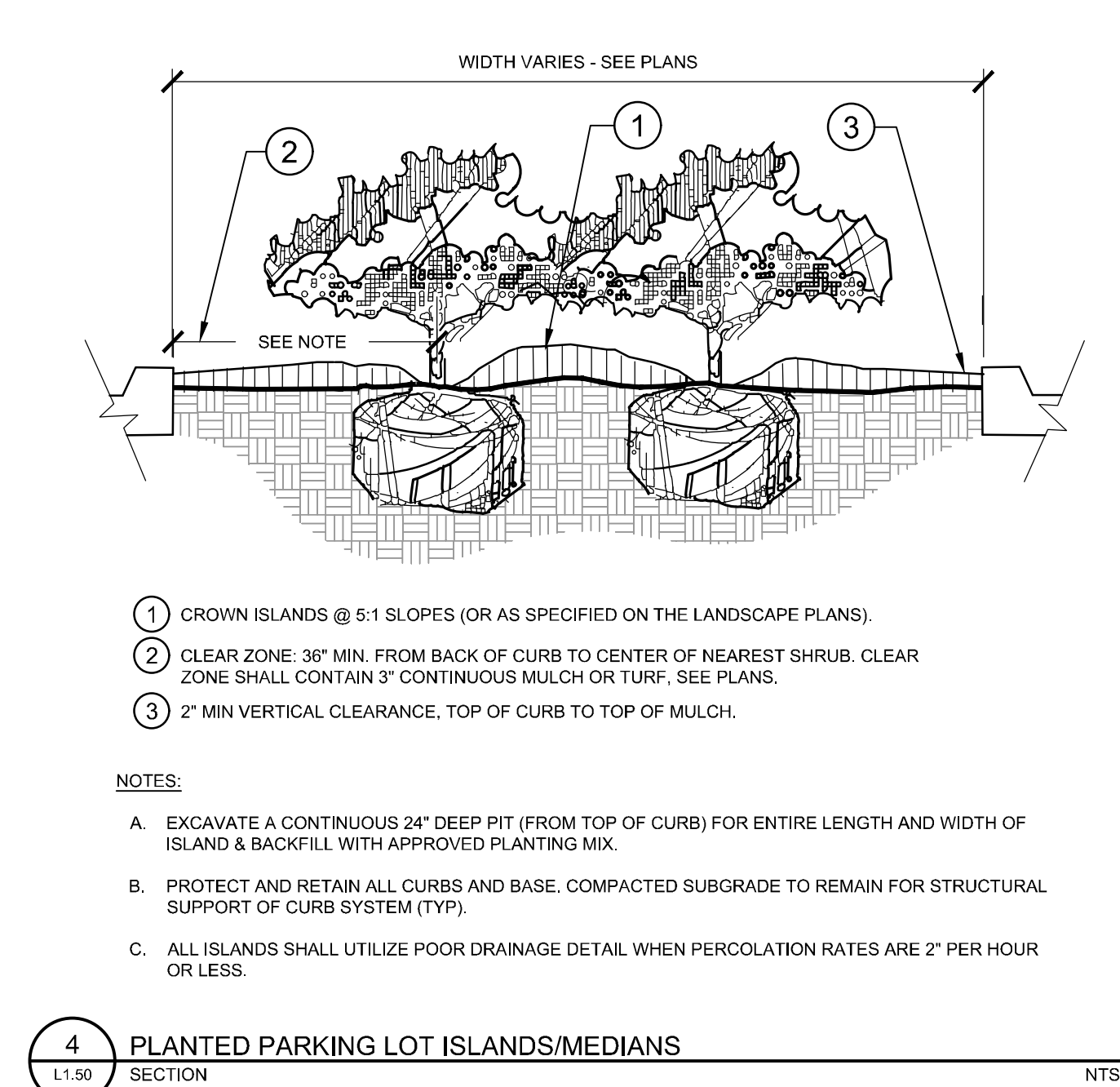
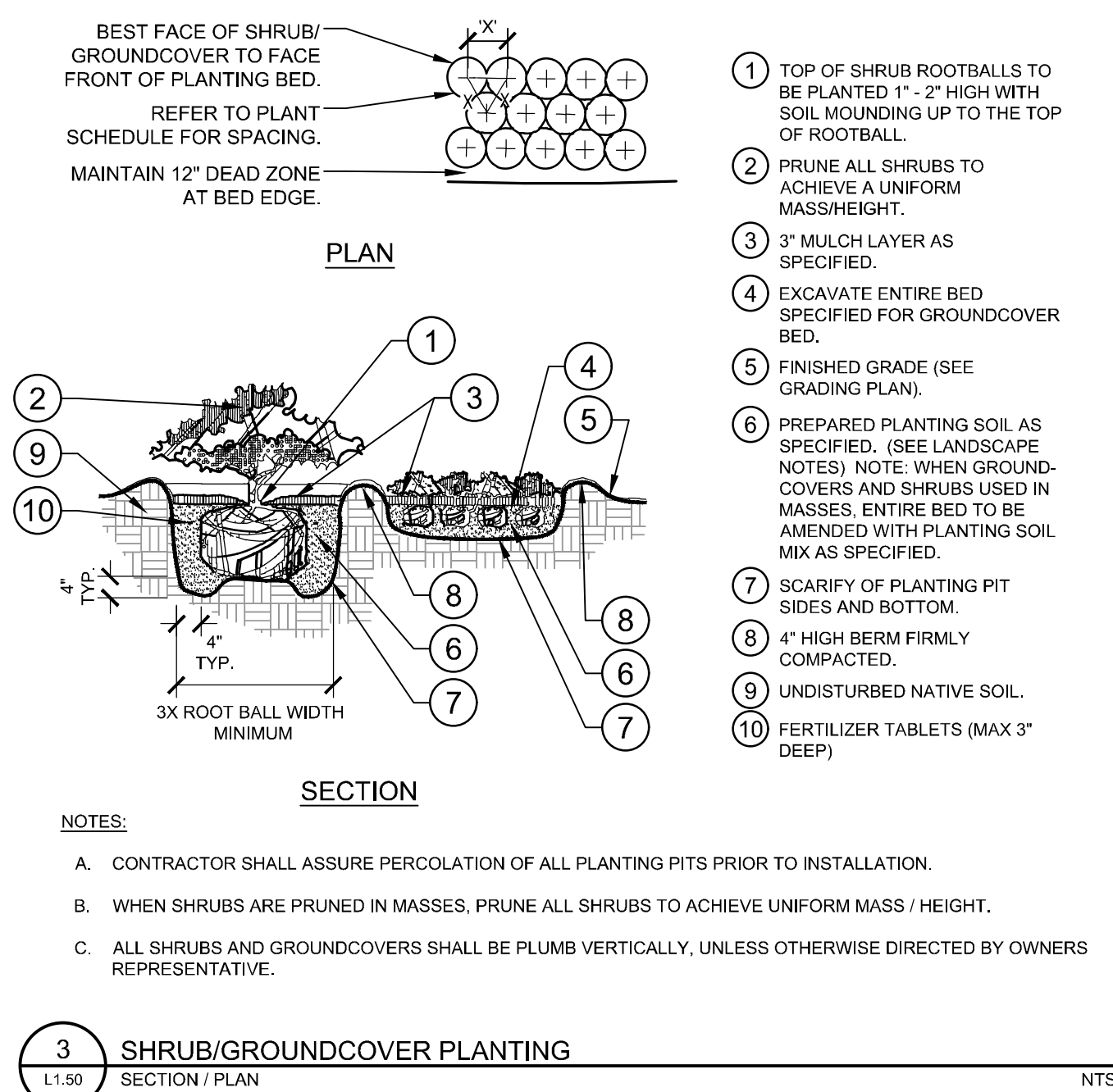
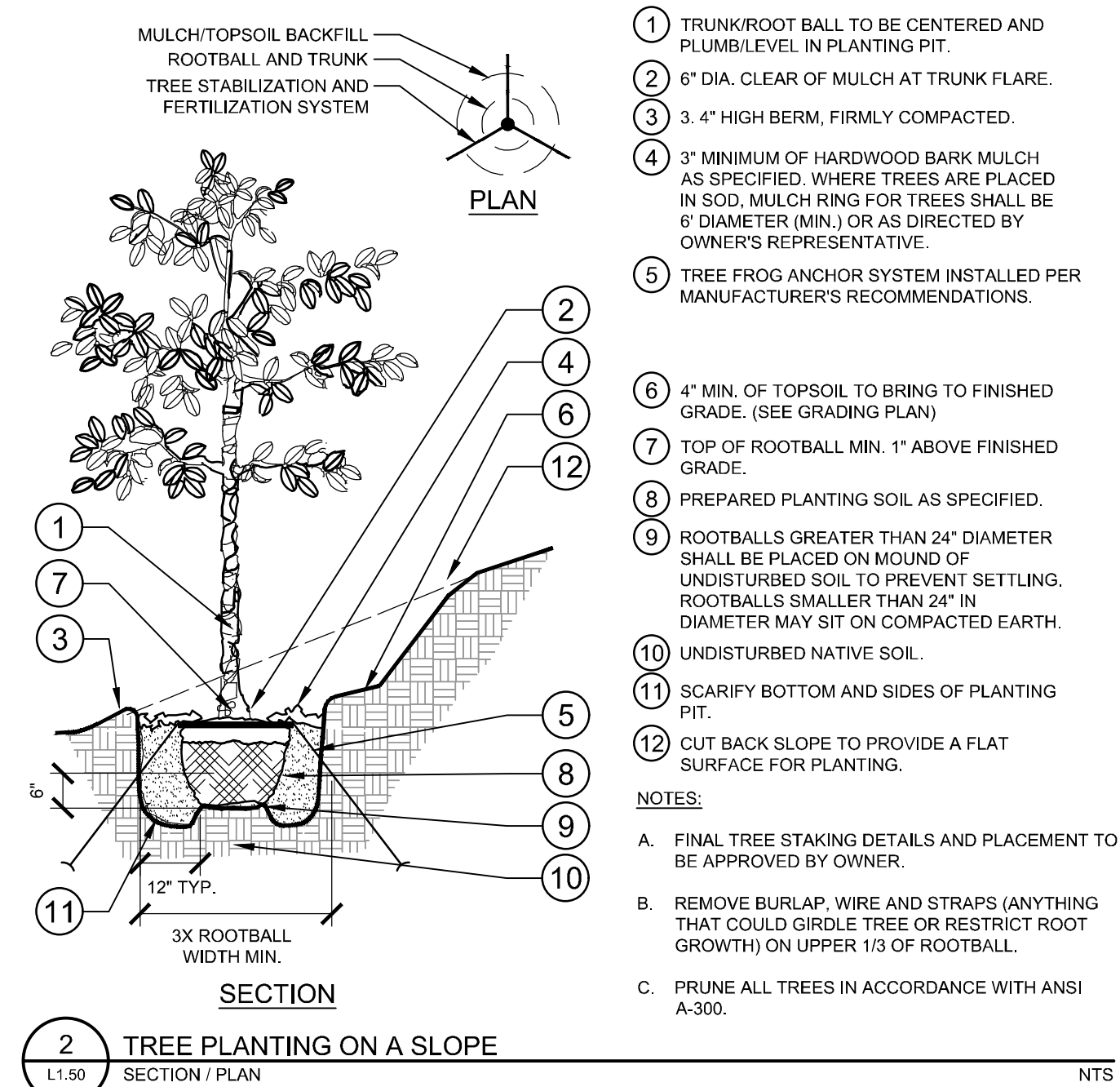
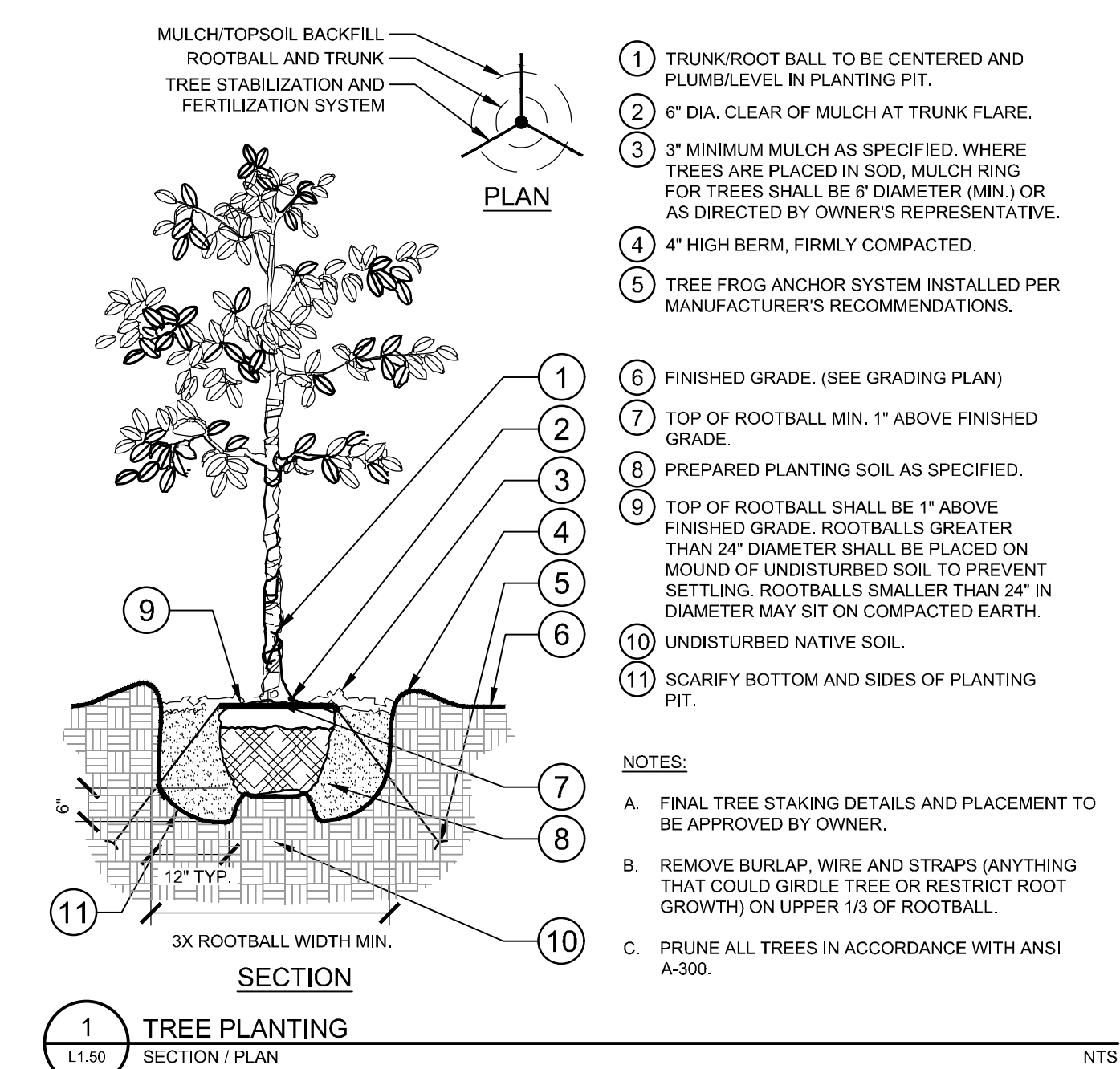
LANDSCAPE NOTES:	
1.	ALL LANDSCAPE MATERIAL TO BE FLORIDA GRADE #1 OR BETTER QUALITY
2.	ALL LANDSCAPED AREAS ARE TO RECEIVE A MINIMUM OF 4" OF TOPSOIL.
3.	ALL PLANT MATERIAL SHALL BE HEALTHY, VIGOROUS, AND FREE OF PESTS AND DISEASE.
4.	ALL MATERIALS ARE SUBJECT TO THE APPROVAL OF THE LANDSCAPE ARCHITECT BEFORE, DURING, AND AFTER INSTALLATION.
5.	ALL TREES MUST BE OUYED OR STAKED AS SHOWN IN THE DETAILS.
6.	ALL PLANTING AREAS SHALL BE COMPLETELY MULCHED AS SPECIFIED.
7.	PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES AND SHALL AVOID DAMAGE TO ALL UTILITIES DURING THE CONSTRUCTION WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES SHOWN ON THE PLANS BASED UPON BEST AVAILABLE INFORMATION AND AN ASSIGNED APPROPRIATE RESPONSIBILITY SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR (1) TO VERIFY THE LOCATIONS OF UTILITIES ADJACENT TO THE WORK AREA (2) TO PROTECT ALL UTILITIES DURING CONSTRUCTION PERIOD (3) TO REPAIR ANY AND ALL DAMAGE TO UTILITIES, STRUCTURES, SITE APPEARANCES, ETC. WHICH OCCURS AS A RESULT OF THE CONSTRUCTION.
8.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL QUANTITIES SHOWN ON THESE PLANS BEFORE PRICING THE WORK.
9.	CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING SCHEDULE AND PROTECTION PLAN TO BE DELIVERED WITH THE MAIN HEALTHY PLANT CONDITIONS.
10.	CONTRACTOR SHALL BE RESPONSIBLE FOR FULLY MAINTAINING (INCLUDING
11.	BUT NOT LIMITED TO: WATERING, SPRAYING, MULCHING, FERTILIZING, ETC.) ALL OF THE PLANT MATERIALS AND LAWN FOR THE WARRANTY PERIOD.
12.	ANY PLANT MATERIAL WHICH IS DISEASED, DISTRESSED, DEAD, OR REJECTED PRIOR TO SUBMITTAL SHALL BE REPLACED WITHIN 30 DAYS OF THE REJECTION DATE AND REPLACED WITH MATERIAL OF THE SAME SPECIES, QUANTITY AND SIZE AND MEETING ALL PLANT LIST SPECIFICATIONS.
13.	THE CONTRACTOR SHALL COMPLETELY GUARANTEE ALL PLANT MATERIAL FOR THE WARRANTY PERIOD. THE CONTRACTOR SHALL PROMPTLY MAKE ALL REPLACEMENTS DURING THE NORMAL PLANTING SEASON.
14.	STANDARDS SET FORTH IN "AMERICAN STANDARD FOR NURSERY STOCK" - THE PRESENT GUIDELINES SPECIFICATIONS SHALL CONSTITUTE MINIMUM QUALITY REQUIREMENTS FOR PLANT MATERIAL.
15.	ALL LANDSCAPING SHALL BE INSTALLED ACCORDING TO SOUND NURSERY PRACTICES, AND SHALL BE FLORIDA NO. 1 OR BETTER AS GIVEN IN "GRADES AND SIZES" OF PLANTS, TREES, SHRUBS, PARTS AND STAVS OF FLORIDA DEPARTMENT OF AGRICULTURE.
16.	ALL INVASIVE / EXOTIC SPECIES AND PROHIBITED TREE SPECIES SHALL BE REMOVED FROM THE PROJECT SITE. ALL BALLS TO THE EXTENT POSSIBLE WITH NO DAMAGE ADJACENT EXISTING TREES.
17.	ALL LANDSCAPE AREAS WILL BE PROVIDED WITH PERMANENT AUTOMATIC IRRIGATION SYSTEM.
18.	TREE SUPPORT MATERIALS ARE TO BE REMOVED FROM EACH TREE ONCE IT IS ESTABLISHED (AS APPROVED BY THE LANDSCAPE ARCHITECT).
19.	ALL PLANT SPECIFICATIONS IN THE PLANT SCHEDULE SHALL BE CONSIDERED THE MINIMUM ALLOWABLE SPECIFICATIONS. CONTRACTOR SHALL PROCURE PLANT MATERIALS AND UPSIZE AS NECESSARY TO MEET THE MOST STRINGENT SPECIFICATION.

<u>MISC.</u>	<u>QTY</u>	<u>BOTANICAL/COMMON NAME</u>	<u>SPECIFICATIONS</u>
MULCH	TBD	CYPRESS MULCH 'DESIGNER BROWN'	3" DEPTH MINIMUM, SHREDDED, FREE OF WEEDS/INVASIVE PLANT MATERIAL.
LANDSCAPE AND IRRIGATION PLANS ARE TO BE DESIGNED IN ACCORDANCE WITH CITY ORDINANCE 2099			

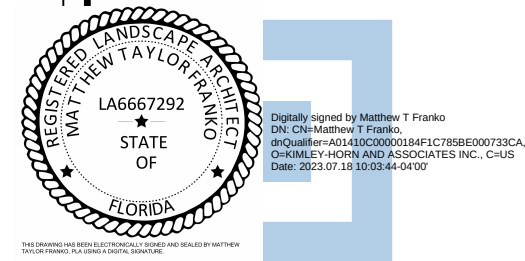
Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

Plotted By:Dunbaud, Jimmy Sheet Set:FLOOR AND DECOR APOPKA Layout:L1.50 July 18, 2023 08:34:06am K:\VBL_Civil\249257001-Floor & Decor Apopka\CADD\CON\ST\PlanSheets\L1.00 LANDSCAPE PLAN.dwg



NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/25/2023
2	ISSUED FOR CONSTRUCTION	04/25/2023
3	ISSUED FOR AS-BUILT	04/25/2023
4	ISSUED FOR FINAL	04/25/2023
5	ISSUED FOR CLOSURE	04/25/2023
6	ISSUED FOR REMEDIATION	04/25/2023
7	ISSUED FOR REPAIR	04/25/2023
8	ISSUED FOR RECONSTRUCTION	04/25/2023
9	ISSUED FOR REUSE	04/25/2023
10	ISSUED FOR RECYCLING	04/25/2023
11	ISSUED FOR REPAIR	04/25/2023
12	ISSUED FOR RECONSTRUCTION	04/25/2023
13	ISSUED FOR REUSE	04/25/2023
14	ISSUED FOR RECYCLING	04/25/2023
15	ISSUED FOR REPAIR	04/25/2023
16	ISSUED FOR RECONSTRUCTION	04/25/2023
17	ISSUED FOR REUSE	04/25/2023
18	ISSUED FOR RECYCLING	04/25/2023
19	ISSUED FOR REPAIR	04/25/2023
20	ISSUED FOR RECONSTRUCTION	04/25/2023





CODE CONSULTANTS, INC.
2643 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63146-4235
314-991-2633

Kimley»»Horn

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89 S. ORANGE AVE., SUITE 1000
ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM

—PROJECT

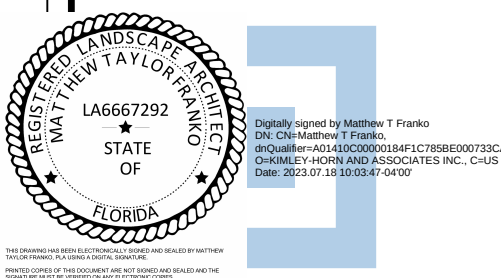
FLOOR & DECOR
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL
LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA : 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

—ISSUE—

—SEAL—



07/18/2023

SHEET _____

LANDSCAPE
SPECIFICATION

DRAWN: JTD
CHECKED: MTE

L1.51

Always call 811 two full business days before you dig to have underground utilities located and marked.

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GENERAL LANDSCAPE SPECIFICATIONS AND NOTES

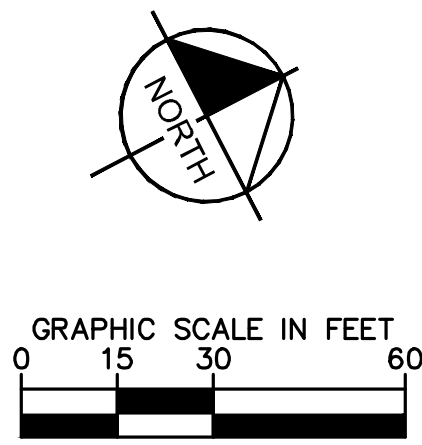
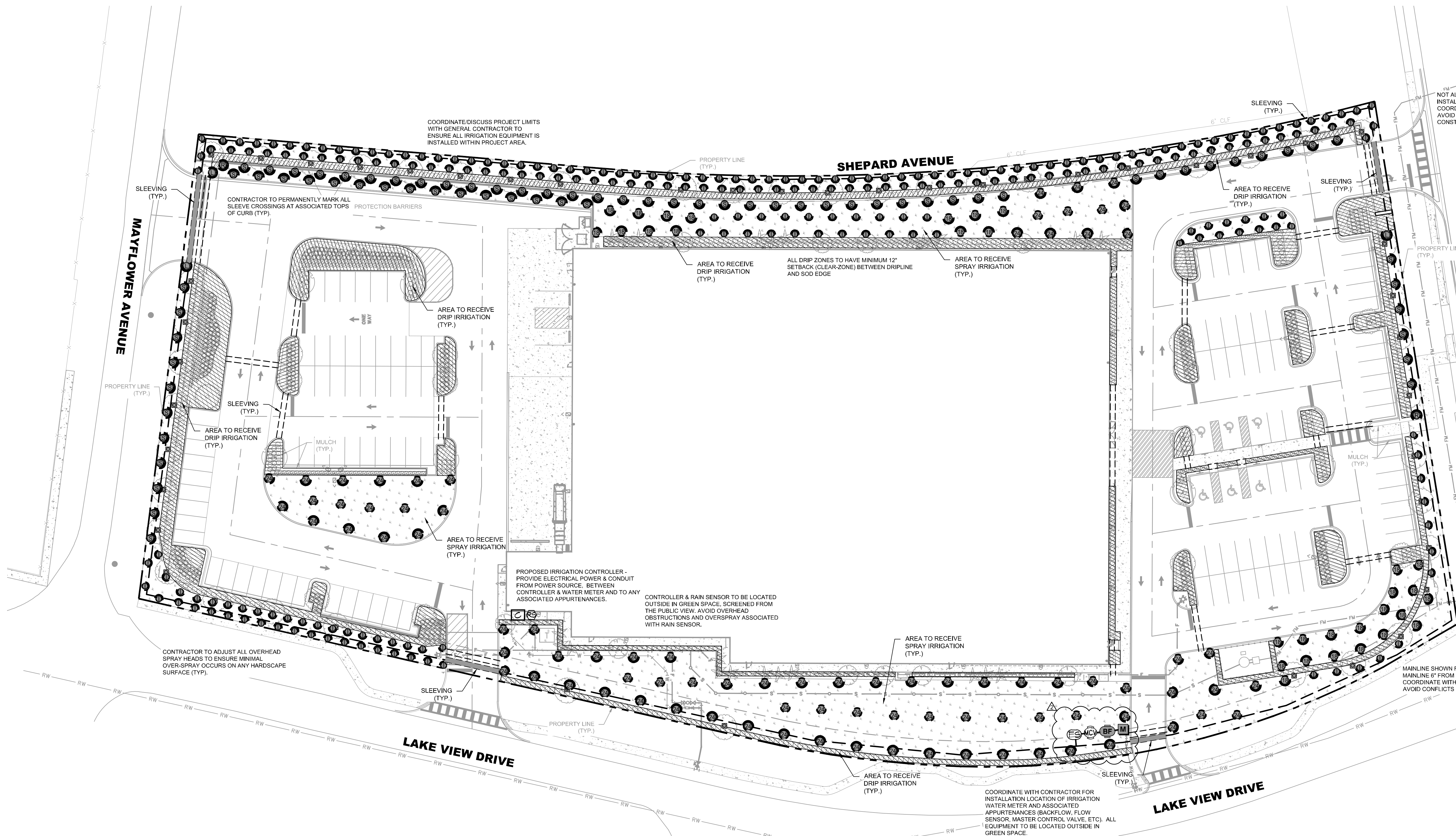
- SCOPE OF WORK
1. THE WORK CONSISTS OF: FURNISHING ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, TRANSPORTATION, AND ANY OTHER APPURTENANCES NECESSARY FOR THE COMPLETION OF THIS PROJECT AS SHOWN ON THE DRAWINGS, AS INCLUDED IN THE PLANT LIST, AND AS SPECIFIED HEREIN.
2. WORK SHALL INCLUDE MAINTENANCE AND WATERING OF ALL CONTRACT PLANTING AREAS UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER.
- B. PROTECTION OF EXISTING STRUCTURES
1. ALL EXISTING BUILDINGS, WALLS, WALKS, PAVING, OTHER SITE CONSTRUCTION ITEMS, AND PLANTING ALREADY COMPLETED OR ESTABLISHED AND DESIGNATED TO REMAIN SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR UNLESS OTHERWISE SPECIFIED. ALL DAMAGE RESULTING FROM NEGLIGENCE SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE OWNER, AT NO COST TO THE CONTRACTOR.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ALL NECESSARY BMP DEVICES ACCORDING TO ALL REGULATORY AGENCY'S STANDARDS THROUGHOUT THE DURATION OF ALL CONSTRUCTION ACTIVITIES.
3. THE CONTRACTOR SHALL SUBMIT A DETAILED PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN UNLESS THE WORK REQUIRES NOTHING MORE THAN A DIRECT APPLICATION OF FOOT DESIGN STANDARDS. INDEX 600 IF A DIRECT APPLICATION OF INDEX 600 IS PROPOSED. THE CONTRACTOR SHALL SUBMIT IN WRITING A STATEMENT INDICATING THE STANDARD INDEX AND PAGE NUMBER NO LESS THAN 10 BUSINESS DAYS PRIOR TO START OF CONSTRUCTION. WHEN A DIRECT APPLICATION OF FOOT DESIGN INDEX 600 IS NOT ACCEPTABLE A PROJECT SPECIFIC WORK ZONE TRAFFIC CONTROL PLAN SHALL BE PREPARED BY A FLORIDA PROFESSIONAL ENGINEER WHO HAS SUCCESSFULLY COMPLETED ADVANCED TRAINING IN MAINTENANCE OF TRAFFIC, AS DEEMED BY FOOT FOR APPROVAL BY THE COUNTY ENGINEER'S REPRESENTATIVE.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES, WHETHER PUBLIC OR PRIVATE, PRIOR TO EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL BE BASED ON INFORMATION FURNISHED BY THE OWNER OF SUCH UNDERGROUND FACILITIES OR ON PHYSICAL APPURTENANCES OBSERVED IN THE FIELD. THE OWNER AND DESIGN PROFESSIONAL SHALL NOT BE RESPONSIBLE FOR THE ACCURACY AND COMPLETENESS OF ANY SUCH INFORMATION. DATA. THE CONTRACTOR SHALL HAVE FULL RESPONSIBILITY FOR REVIEWING AND CHECKING ALL SUCH INFORMATION AND DATA. LOCATING ALL UNDERGROUND FACILITIES DURING CONSTRUCTION. THE SAFETY AND PROTECTION THEREOF. REPAIRING ANY DAMAGE TO SUCH FACILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL NOTIFY ANY AFFECTED UTILITY COMPANIES OR AGENCIES IN WRITING AT LEAST 48 HOURS PRIOR TO BEGINNING CONSTRUCTION.
- C. PROTECTION OF EXISTING PLANT MATERIALS
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL UNAUTHORIZED CUTTING OR DAMAGE TO TREES AND SHRUBS EXISTING OR OTHERWISE CALLED BY CARELESS EQUIPMENT OPERATION, MATERIAL STOCKPILING, ETC.. THIS SHALL INCLUDE COMPACTION BY DRIVING OR PARKING EQUIPMENT ON THE GRASS AND SPRINKLER, GASOLINE, OR OTHER DESTRUCTIVE MATERIALS WITHIN THE UNDERGROUND FACILITIES. NO MATERIALS SHALL BE BURNED ON SITE. EXISTING TREES KILLED OR DAMAGED SO THAT THEY ARE MESHAPEN AND/OR UNSUITABLE SHALL BE REPLACED AT THE COST OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING ANY TREES OR SHRUBS KILLED OR DAMAGED BY THE CONTRACTOR. (20) PERCENT PER INCH OVER FOUR (4) INCHES CALIPER AS FIXED AND AGREED LOCATED DAMAGES. CALIPER SHALL BE MEASURED SIX (6) INCHES ABOVE GROUND LEVEL FOR TREES UP TO AND INCLUDING FOUR (4) INCHES IN CALIPER AND TWELVE (12) INCHES ABOVE GROUND LEVEL FOR TREES OVER FOUR (4) INCHES IN CALIPER.
2. SEE TREE MITIGATION PLAN AND NOTES, IF APPLICABLE.
- D. MATERIALS
1. GENERAL
- MATERIAL SAMPLES LISTED BELOW SHALL BE SUBMITTED FOR APPROVAL, ON SITE OR AS DETERMINED BY THE OWNER. UPON APPROVAL, THE DURATION OF MATERIALS WILL BE DETERMINED.
- | MATERIAL | SAMPLE SIZE |
|-------------|--|
| MULCH | (1) 1/2 CUBIC FOOT |
| TOPSOIL MIX | (1) 1 CUBIC FOOT |
| PLANTS | (1) ONE OF EACH VARIETY (OR TAGGED IN NURSERY) |
2. PLANT MATERIALS
- A. PLANT SPECIES AND SIZE SHALL CONFORM TO THOSE INDICATED ON THE DRAWINGS. ALL NURSERY STOCK SHALL BE IN ACCORDANCE WITH GRASSES AND STANDARDS FOR NURSERY PLANTS, LATEST EDITION, PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE, TURF AND CONSUMER SERVICES. ALL PLANTS SHALL BE FLORIDA GRADE NO. 1 OR BETTER AS DETERMINED BY THE FLORIDA DIVISION OF PLANT INDUSTRY. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.
- B. MEASUREMENTS: THE HEIGHT AND/OR WIDTH OF TREES SHALL BE MEASURED FROM THE GROUND OR ACROSS THE NORMAL SPREAD OF BRANCHES WITH THE PLANTS IN THEIR NORMAL POSITION. THIS MEASUREMENT SHALL NOT INCLUDE THE IMMEDIATE TERMINAL GROWTH. PLANTS LARGER IN SIZE THAN THOSE SPECIFIED IN THE PLANT LIST MAY BE USED IF APPROVED BY THE OWNER. IF THE USE OF LARGER PLANTS IS APPROVED, THE BALL OF EARTH OR SPREAD OF ROOTS SHALL BE INCREASED IN PROPORTION TO THE SIZE OF THE PLANT.
- C. INSPECTION: PLANTS SHALL BE SUBJECT TO INSPECTION AND APPROVAL AT THE PLACE OF GROWTH, OR UPON DELIVERY TO THE SITE. AS INSPECTED BY THE COUNTY ENGINEER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE RIGHT TO INSPECTION AND APPROVAL AT THE SITE DURING PROGRESS OF THE WORK OR AFTER COMPLETION FOR PLACE AND CONDITION OF ROOT BALLS OR ROOTS. LATENT DEFECTS OR INJURIES. REJECTED PLANTS SHALL BE REMOVED IMMEDIATELY FROM THE SITE. NOTICE REQUESTING INSPECTION SHALL BE SUBMITTED IN WRITING BY THE CONTRACTOR AT LEAST ONE (1) WEEK PRIOR TO ANTICIPATED DATE.
- E. SOIL MIXTURE (PLANTING MEDIUM, PLANTING MIX, TOPSOIL MIX)
1. CONTRACTOR SHALL TEST EXISTING SOIL, AND AMEND AS NECESSARY IN ACCORDANCE WITH THE GUIDELINES BELOW:
2. SOIL MIXTURE (PLANTING MEDIUM FOR PLANT MIX) SHALL CONSIST OF TWO PARTS OF TOPSOIL, AND ONE PART SAND, AS DESCRIBED BELOW. THE CONTRACTOR TO SUBMIT NUMERICAL AND pH TESTING RESULTS OF SOIL MIXTURE FOR OWNER'S REPRESENTATIVE APPROVAL PRIOR TO PLANT INSTALLATION OPERATIONS COMMENCE.
3. TOPSOIL, FOR USE IN PREPARING SOIL MIXTURE FOR BACKFILLING PLANT MIX SHALL BE FERTILE, FRIABLE, AND OF A LOAMY CHARACTER. REASONABLY FREE OF ROOTS, SLAY LUMPS, BRUSH WEEDS AND OTHER FREE OF ROOTS, STUMPS, STONES LARGER THAN 2" IN ANY DIMENSION, AND OTHER FOREIGN MATTER HARMFUL TO PLANT GROWTH. TOPSOIL SHALL CONTAIN THREE (3) TO FIVE (5) PERCENT DECOMPOSED ORGANIC MATTER WITH HAVE A PH BETWEEN 5.5 AND 7.0.
4. SAND SHALL BE COARSE, CLEAN, WELL-DRAINING, NATIVE SAND.
5. TREES SHALL BE PLANTED IN THE EXISTING NATIVE SOIL ON SITE, UNLESS DETERMINED TO BE UNSUITABLE - AT WHICH POINT THE CONTRACTOR SHALL CONTACT OWNER'S REPRESENTATIVE TO DISCUSS ALTERNATE RECOMMENDATION PRIOR TO PLANTING.
- F. WATER
1. WATER NECESSARY FOR PLANTING AND MAINTENANCE SHALL BE OF SATISFACTORY QUALITY TO SUSPEND ADEQUATE PLANT GROWTH AND NOT CONTAIN TOXIC OR OTHER SUBSTANCES HARMFUL TO PLANTS. WATER MEETING THE ABOVE STANDARD SHALL BE OBTAINED ON THE SITE FROM THE OWNER, IF AVAILABLE, AND THE CONTRACTOR SHALL BE RESPONSIBLE TO MAKE ARRANGEMENTS FOR ITS USE. IF NO TANKS, HOLE, OR OTHER MATTER HARMFUL TO PLANT GROWTH, THE CONTRACTOR SHALL PROVIDE SATISFACTORY WATER FROM SOURCES OFF THE SITE AT NO ADDITIONAL COST TO THE OWNER.
2. WATERING/IRRIGATION RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- G. FERTILIZER
- CONTRACTOR SHALL PROVIDE FERTILIZER APPLICATION SCHEDULE TO OWNER, AS APPLICABLE TO SOIL TYPE, PLANT INSTALLATION TYPE, AND SITE'S PROPOSED USE. SUGGESTED FERTILIZER TYPES SHALL BE ORGANIC OR OTHERWISE NATURALLY DERIVED.
- * FERTILIZER RESTRICTIONS MAY APPLY - REFER TO PROPERTY'S JURISDICTIONAL AUTHORITY.
- H. MULCH
1. MULCH MATERIAL SHALL BE MOISTENED AT THE TIME OF APPLICATION TO PREVENT WIND DISPLACEMENT, AND APPLIED AT A DEPTH OF THREE (3) INCHES. CLEAR MULCH FROM EXISTING FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BURRIKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.
- I. DIGGING AND HANDLING
1. PROTECT ROOTS OR ROOT BALLS OF PLANTS AT ALL TIMES FROM SUN, DRYING WINDS, WARM FREEZING, AS NECESSARY UNTIL PLANTING PLANT MATERIALS SHALL BE ADEQUATELY PACKED TO PREVENT DAMAGE DURING TRANSIT. TREES TRANSPORTED MORE THAN TEN (10) MILES FROM THE SITE NOT PLANTED WITHIN THREE (3) DAYS OF DELIVERY TO THE SITE SHALL BE SPROUTED WITH AN ANTITRANSPIRANT (WILTPUR® OR EQUAL) TO MINIMIZE TRANSPIRATION WATER LOSS.
2. BALLED AND BURLAPPED (B&B) AND FIELD GROWN (FG) PLANTS SHALL BE DUG WITH FIRM, NATURAL BALLS OF SOIL OF SUFFICIENT SIZE TO COMPRESS THE FIBROUS AND FEEDING ROOTS OF THE PLANTS. NO PLANTS MOVED WITH A ROOT BALL SHALL BE PLANTED IF THE BALL IS CRACKED OR BURRIKEN. PLANTS SHALL NOT BE HANDLED BY STEMS.

- PLANTS MARKED "BR" IN THE PLANT LIST SHALL BE DUG WITH BARE ROOTS. CARE SHALL BE EXERCISED THAT THE ROOTS DO NOT DRY OUT DURING TRANSPORT AND PRIOR TO PLANTING.
- PROTECTION OF PALMS: ONLY A MINIMUM OF FRONDS SHALL BE REMOVED FROM THE CROWN OF THE PALM TREES TO FACILITATE MOVING AND TO PREVENT THE TRUNKS FROM BEING DAMAGED. AFTER THE MINIMUM OF FRONDS HAVE BEEN REMOVED, ALL PALMS SHALL BE BRANDED PER PALM PLANTING PRACTICES.
5. EXCAVATION OF TREE PITS SHALL BE PERFORMED USING EXTREME CARE TO AVOID DAMAGE TO SURFACE AND SUBSURFACE ELEMENTS SUCH AS UTILITIES OR HARDWARE ELEMENTS, FOOTERS AND PREPARED SUB-BASES.
- CONTAINER GROWN STOCK
- 1. ALL CONTAINER GROWN MATERIAL SHALL BE HEALTHY, VIGOROUS, WELL-ROOTED PLANTS ESTABLISHED IN THE CONTAINER IN WHICH THEY ARE SOLD. THE PLANTS SHALL HAVE TOPS WHICH ARE OF GOOD QUALITY AND ARE IN A HEALTHY GROWING CONDITION.
 - 2. AN ESTABLISHED CONTAINER GROWN PLANT SHALL BE TRANSPLANTED INTO A CONTAINER AND GROWN IN THAT CONTAINER UNTIL IT IS LARGE ENOUGH FOR THE TREE TO BE PLANTED IN THE GROUND. THE PLANT MUST BE KEPT IN THE CONTAINER TO HAVE A CONTAINER TO HOLD WHEN REMOVED FROM THE CONTAINER. CONTAINER GROWN STOCK SHALL NOT BE HANDLED BY THEIR STEMS.
 - 3. ROOT BOUND PLANTS ARE NOT ACCEPTABLE AND WILL BE REJECTED.
 - 4. RPO: "ROOTS PLUS GROWER" CONTAINER PRODUCTS SHALL BE USED WHERE SPECIFIED.
- COLLECTED STOCK
- WHEN THE USE OF COLLECTED STOCK IS PERMITTED AS INDICATED BY THE OWNER OR OWNER'S REPRESENTATIVE, THE MINIMUM SIZE OF ROOTBALLS SHALL BE EQUAL TO THAT SPECIFIED FOR THE NEXT LARGER SIZE OF NURSERY GROWN STOCK OF THE SAME VARIETY.
- NATIVE STOCK
- PLANTS COLLECTED FROM WILD OR NATURAL STANDS SHALL BE CONSIDERED NURSERY GROWN WHEN THEY HAVE BEEN SUCCESSFULLY RE-ESTABLISHED IN A NURSERY GROW AND GROWN UNDER REGULAR NURSERY CULTURAL PRACTICES FOR A MINIMUM OF TWO (2) GROWING SEASONS AND HAVE ATTAINED ADEQUATE ROOT AND TOP GROWTH TO INDICATE FULL RECOVERY FROM TRANSPLANTING INTO THE NURSERY GROWN STOCK.
- MATERIALS LIST
- QUANTITIES NEEDED TO COMPLETE THE WORK ON THE DRAWINGS SHALL BE FURNISHED BY THE CONTRACTOR. QUANTITY ESTIMATES HAVE BEEN MADE CAREFULLY, BUT THE CONTRACT ARCHITECT OR OWNER ASSUMES NO LIABILITY FOR OMISSIONS OR ERRORS. SHOULD A CHANGE ORDER BE REQUIRED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF THE CHANGE ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING PERMITS FOR BIDDING OR INSTALLATION. ALL DIMENSIONS AND/OR SIZES SPECIFIED SHALL BE THE MINIMUM ACCEPTABLE SIZE.
- FINE GRADING
- 1. FINE GRADING UNDER THIS CONTRACT SHALL CONSIST OF FINAL FINISHED GRADING OF LAWN AND PLANTING AREAS THAT HAVE BEEN ROUGH GRADED BY OTHERS, BERMING AS SHOWN ON THE DRAWINGS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, UNLESS OTHERWISE NOTED.
 - 2. THE CONTRACTOR SHALL FINE GRADE THE LAWN AND PLANTING AREAS TO BRING THE ROUGH GRADE UP TO FINAL FINISHED GRADE ALLOWING FOR THICKNESS OF SOIL AND/OR MULCH DEPTH. CONTRACTOR SHALL FINE GRADE BY HAND AND WITH ALL EQUIPMENT NECESSARY INCLUDING A GRADING TRACTOR WITH FRONT-END LOADER FOR TRANSPORTING SOIL, WITHIN THE SITE.
 - 3. ALL PLANTING AREAS SHALL BE GRADED AND MAINTAINED FOR POSITIVE DRAINAGE TO SURFACE/SUBSURFACE STORM DRAIN SYSTEMS, AREAS ADJACENT TO BUILDINGS SHALL SLOPE AWAY FROM THE BUILDINGS, REFER TO CIVIL ENGINEER'S PLANS FOR FORMAL DRAINAGE, IF APPLICABLE.
- PLANTING PROCEDURES
- 1. CLEANING UP BEFORE COMMENCING WORK: THE CONTRACTOR SHALL CLEAN WORK AND SURROUNDING AREAS OF ALL RUBBISH OR UNDESIRABLE MATERIAL, DIRT, ALL WORMS, CATERPILLARS, AND TOXIC MATERIAL. SUCH RUBBISH SHALL BE REMOVED FROM THE SURFACE OF ALL PLANT BEDS. THESE REPRESENTATIVES SHALL NOT BE MIXED WITH THE SOIL. SHOULD THE CONTRACTOR FIND SUCH SOIL, CONDITIONS BENEATH THE SOIL WHICH WOULD REQUIRE ADDITIONAL REMEDIATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPRESENTATIVE FAILURE TO DO SO BEFORE PLANTING SHALL MAKE THE CORRECTIVE MEASURES THE RESPONSIBILITY OF THE CONTRACTOR.
 - 2. VERIFY LOCATIONS OF ALL UTILITIES, CONDUTS, SUPPLY LINES AND CABLES, INCLUDING BUT NOT LIMITED TO: ELECTRIC, GAS (LINES AND TANKS), WATER, SANITARY SEWER, STORMWATER SYSTEMS, CABLE AND TELEPHONE. PROPERLY MAINTAIN AND PROTECT EXISTING UTILITIES. CALL TO THE STATE OF ALL OF FLORIDA, INC. (800) TO LOCATE UTILITIES AT LEAST 48 HOURS PRIOR TO CONSTRUCTION.
 - 3. SUBGRADE EXCAVATION: THE CONTRACTOR IS RESPONSIBLE TO REMOVE ALL EXISTING AND IMPORTED LIME ROCK AND LIMESTONE SUB-BASE FROM ALL LANDSCAPE PLANTING AREAS TO A MINIMUM DEPTH OF 36" OR TO NATIVE SOIL. CONTRACTOR IS RESPONSIBLE TO BACKFILL THESE PLANTING AREAS TO ROUGH FINISHED GRADE WITH CLEAN TOPSOIL. (FROM AN ON-SITE SOURCE OR AN IMPORTED SOURCE, IF LIME ROCK OR OTHER AVOIDED CONDITIONS OCCURRED IN PLANTING LANTED AFTER 36" DEEP EXCAVATION BY THE CONTRACTOR, AND POSITIVE DRAINAGE IS NOT ACHIEVED, CONTRACTOR SHALL UTILIZE POOR DRAINAGE CONDITION PLANTING DETAIL.
 - 4. FURNISH NURSERY'S CERTIFICATE OF COMPLIANCE WITH ALL REQUIREMENTS AS SPECIFIED HEREIN. INSPECT AND SELECT PLANT MATERIALS BEFORE PLANTS ARE DUG AT NURSERY OR GROWING SITE.
 - 5. COMPLY WITH APPLICABLE FEDERAL, STATE, COUNTY, AND LOCAL REGULATIONS GOVERNING LANDSCAPE MATERIALS AND WORK. CONFORM TO ALL APPLICABLE OPTICULTURAL PRACTICES USED IN THE TRADE. UPON ARRIVAL AT THE SITE, PLANTS SHALL BE THOROUGHLY WATERED AND PROPERLY MAINTAINED UNTIL PLANTED. PLANTS STORED ON-SITE SHALL NOT REMAIN UNPLANTED OR APPROPRIATELY HEATED IN FOR A PERIOD EXCEEDING TWENTY-FOUR (24) HOURS. AT ALL TIMES WORKMANLIKE METHODS CONSUARY IN GOOD HORTICULTURAL PRACTICES SHALL BE EXERCISED.
 - 6. THE WORK SHALL BE COORDINATED WITH OTHER TRADES TO WORKMANLIKE COMFUTS. COORDINATE PLANTING WITH IRRIGATION WORK TO ASSURE ADEQUATELY OF WATER AND PROPER LOCATION OF IRRIGATION APERTURENANCES AND PIPES.
 - 7. ALL PLANTING PITS SHALL BE EXCAVATED TO SIZE AND DEPTH IN ACCORDANCE WITH THE USA STANDARD FOR NURSERY STOCK 200.1, UNLESS SHOWN OTHERWISE ON THE DRAWINGS, AND BACK FILLED WITH THE PREPARED PLANTING MIXTURE AS SPECIFIED IN SECTION E. TEST ALL TREE PLANTS AND WATER BEDS TO DETERMINE IF PROPER DRAINAGE IS AVAILABLE. NO ALLOWANCE WILL BE MADE FOR LOSS OF TOPSOIL DUE TO IMPROPER DRAINAGE. IF POOR DRAINAGE EXISTS, UTILIZE "POOR DRAINAGE CONDITION" PLANTING DETAIL. TREES SHALL BE PLANTED AND MAINTAINED IN POSITION UNTIL THE PLANTING MIXTURE HAS BEEN FLUSHED INTO PLACE WITH A SLOW, FINE HOSE STREAM. A PLANTING SHALL BE PERFORMED BY PERSONNEL FAMILIAR WITH PLANTING PROCEDURES AND UNDER THE SUPERVISION OF A QUALIFIED LANDSCAPE FOREMAN. PROPER "JETING BR" SHALL BE ASSURED TO ELIMINATE AIR POCKETS AROUND THE ROOTS. "JET STOCK" OR EQUAL IS RECOMMENDED.
 - 8. TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO BUILDINGS AND BUILDING STRUCTURES WHILE INSTALLING TREES.
 - 9. SOIL MIXTURE SHALL BE AS SPECIFIED IN SECTION F OF THESE SPECIFICATIONS.
 - 10. TREES AND ABOVE GRADE EACH PLANT SHALL BE IN THE CENTER OF THE PIT. PLANTING MIXTURE SHALL BE BACK FILLED, TAMPED AND LEVELLED AROUND THE BALL, AND SETTLED BY WATER (AFTER TAMING).
 - 11. AMEND PINE AND OAK PLANT PITS WITH ECTOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. ALL OTHER PLANT PITS SHALL BE AMENDED WITH ENDOMYCORRHIZAL SOIL APPLICATION PER MANUFACTURER'S RECOMMENDATION. PROVIDE PRODUCT TO THE CONTRACTOR FOR SUBMITTAL.
 - 12. FILL HOLE WITH SOIL MIXTURE, MAKE CERTAIN ALL SOIL IS SATURATED. TO DO THIS, FILL HOLE WITH WATER AND ALLOW TO SOAK MINIMUM TWENTY (20) MINUTES, STIRRING IF NECESSARY TO GET SOIL THOROUGHLY WET. PACK LIGHTLY WITH FEET, ADD MORE WET SOIL MIXTURE, DO NOT ACCEPTANCE OF BALL OR ROOTS TO BE PLANTED. IF HOPE, WIRES, BASKETS, ETC., SHALL BE REMOVED FROM THE SIDES AND TOPS OF BALLS, BUT NO BURLAP SHALL BE PULLED FROM UNDER SOIL.
 - 13. TREES SHALL BE PRUNED, AT THE DIRECTION OF THE OWNER OR OWNER'S REPRESENTATIVE, TO PRESERVE THE NATURAL CHARACTER OF THE PLANT. ALL SOFT WOOD OR BUCKER WORK OR ALL BROKEN OR BADLY DAMAGED BRANCHES SHALL BE REMOVED WITH A CLEAN CUT. ALL BRANCHES TO BE REMOVED SHALL BE CUT AT AN ANGLE.
 - 14. SHRUBS AND GROUND COVER PLANTS SHALL BE EVENLY SPACED IN ACCORDANCE WITH THE DRAWINGS AND AS INDICATED ON THE PLANT LIST. MATERIALS INSTALLED SHALL MEET MINIMUM SPECIMUM REQUIREMENTS OR QUANTITIES SHOWN ON PLANS, WHICH EVER IS GREATER, CULTIVAT ALL PLANTING AREAS TO A MINIMUM DEPTH OF 6". REMOVE AND DISPOSE ALL DEBRIS, MIX TOP 4" PLANTING MIXTURE SOIL AS SPECIFIED IN SECTION F. BACKFILL TO FINISHED GRADE.
 - 15. TREE GUYING AND BRACING SHALL BE INSTALLED BY THE CONTRACTOR IN ACCORDANCE WITH THE PLANS TO INSURE STABILITY AND MAINTAIN TREES IN AN UPRIGHT POSITION. IF THE CONTRACTOR AND OWNER DECIDE TO WANDER THE TREE GUYING AND BRACING, THE OWNER SHALL NOTIFY THE PROJECT LANDSCAPE ARCHITECT IN WRITING AND AGREE TO IDENTIFY AND HOLD HARMLESS THE PROJECT LANDSCAPE ARCHITECT IN THE EVENT OF ANY DAMAGE TO THE PROJECT OR TO THE CONTRACTOR OR TO THE OWNER OR TO THE PROPERTY.
 - 16. ALL OTHER BEDS SHALL BE KEPT FREE OF NOXIOUS WEEDS OR WEEDS. FINAL OCCUPATION OF WORK, IF DIRECTED BY THE OWNER, "ROUNDUP" SHALL BE APPLIED FOR WEED CONTROL, BY QUALIFIED PERSONNEL TO ALL PLANTING AREAS IN SPOT APPLICATIONS PER MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS, PRIOR TO FINAL INSPECTION. GREAT ALL PLANTING BEDS WITH AN APPROVED PRE-EMERGENT HERBICIDE AT AN APPLICATION RATE RECOMMENDED BY THE MANUFACTURER, (AS ALLOWED BY JURISDICTIONAL AUTHORITY).
- LAWN SODDING
- THE WORK CONSISTS OF LAWN BED PREPARATION, SOIL PREPARATION, AND SODDING COMPLETION. IN STRICT ACCORDANCE WITH THE SPECIFICATIONS AND THE APPLICABLE DRAWINGS TO PRODUCE A TURF GRASS LAWN ACCEPTABLE TO THE OWNER.
- ALL AREAS THAT ARE TO BE SODDED SHALL BE CLEARED OF ANY ROUGH GRASS, WEEDS, AND DEBRIS BY MEANS OF A SOO CUTTER TO A DEPTH OF 2 INCHES. ALL AREAS TO BE SODDED SHALL BE CLEARED OF ANY RUBBISH, STUMP, LIMBS, BRANCHES, AND DEBRIS BY MEANS OF A ROLLER WEIGHING NO MORE THAN ONE-HUNDRED (100) POUNDS PER FOOT OF WIDTH DURING THE ROLLING. ALL DEPRESSIONS CAUSED BY SETTLEMENT SHALL BE FILLED WITH ADDITIONAL SOIL, AND THE SURFACE SHALL BE REGRADED AND ROLLED UNTIL PRESENTING A SMOOTH AND EVEN FINISH TO THE EYE.

- PREPARE LOOSE BED FOUR (4) INCHES DEEP. HAND RAKE UNTIL ALL BUMPS AND DEPRESSIONS ARE REMOVED. WE PREPARED AREA THOROUGHLY.
4. SODDING
- a. THE CONTRACTOR SHALL SOD ALL AREAS THAT ARE NOT PAVED OR PLANTED AS DESIGNATED ON THE DRAWINGS WITHIN THE CONTRACT LIMITS, UNLESS SPECIFICALLY NOTED OTHERWISE.
- b. THE SOD SHALL BE CERTIFIED TO MEET FLORIDA STATE PLANT BOARD SPECIFICATIONS, ABSOLUTELY TRUE TO VARIETAL TYPE, AND FREE FROM WEEDS, FUNGUS, INSECTS AND DISEASE OF ANY KIND.
- c. SOD PANELS SHALL BE Laid TWIGHTY TOGETHER SO AS TO MAKE A SODI SODDED LAWN AREA. SOD SHALL BE Laid UNIFORMY ACROSS THE EDGES OF ALL CURBS AND OTHER HARDSCAPE ELEMENTS, PAVED AND PLANTED AREAS, ADJACENT TO BUILDINGS, A 24 INCH STONE MULCH STRIP SHALL BE PROVIDED. IMMEDIATELY FOLLOWING SOD LAYING, THE LAWN AREAS SHALL BE ROLLED WITH A LAWN ROLLER CUSTOMARIL USED FOR SUCH PURPOSES, AND THEN THOROUGHLY IRRIGATED, IF, IN THE OPINION OF THE OWNER, TOP-DRESSING IS NECESSARY AFTER ROLLING TO FILL THE VOIDS BETWEEN THE SOD PANELS AND TO EVEN OUT INCONSISTENCIES IN THE SOD, CLEAN SAND, AS APPROVED BY THE OWNER'S REPRESENTATIVE, SHALL BE SPREAD OVER THE ENTIRE SURFACE OF THE SOD AND THOROUGHLY WATERED IN. FERTILIZER INSTALLED SOD AS ALLOWED BY PROPERTY'S JURISDICTIONAL AUTHORITY.
5. DURING DELIVERY, PRIOR TO, AND DURING THE PLANTING OF THE LAWN AREAS, THE SOD PANELS SHALL AT ALL TIMES BE PROTECTED FROM EXCESS DRYING AND IMMEDIATE EXPOSURE OF THE ROOTS TO THE SUN. ALL SOD SHALL BE STACKED SO AS NOT TO BE DAMAGED BY SWEATING OR EXCESSIVE HEAT AND MOISTURE.
6. LAWN MAINTENANCE
- a. WITHIN THE CONTRACT LIMITS, THE CONTRACTOR SHALL PROVIDE A DENSE, WELL ESTABLISHED LAWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND RE-SODDING OF ALL ERODED, SUNKEN OR BARE SPOTS (LARGER THAN 12"x12") UNTIL CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. REPAIRED SODDING SHALL BE ACCOMPLISHED AS IN THE ORIGINAL WORK (INCLUDING REPAIRS) BE NECESSARY.
- b. CONTRACTOR RESPONSIBLE FOR ESTABLISHING AND MAINTAINING SOD/LAWN UNTIL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. PRIOR TO AND UPON ACCEPTANCE, CONTRACTOR TO PROVIDE WATER/IRRIGATION/ SCHEDULE TO OWNER. OBSERVE ALL APPLICABLE WATERING RESTRICTIONS AS SET FORTH BY THE PROPERTY'S JURISDICTIONAL AUTHORITY.
- CLEANUP
- UPON COMPLETION OF ALL PLANTING WORK AND BEFORE FINAL ACCEPTANCE, THE CONTRACTOR SHALL REMOVE ALL MATERIAL, EQUIPMENT, AND DEBRIS RESULTING FROM HIS WORK. ALL PAVED AREAS SHALL BE CLEANED AND THE SITE LEFT IN A NEAT AND ACCEPTABLE CONDITION AS APPROVED BY THE OWNER'S REPRESENTATIVE.
- PLANT MATERIAL MAINTENANCE
- ALL PLANTS AND PLANTING INCLUDING WITHIN THIS CONTRACT SHALL BE MAINTAINED BY WATERING, CULTIVATING, SPRAYING, AND ALL OTHER OPERATIONS (SUCH AS RE-STAKING OR REPAIRING GUY SUPPORTS) NECESSARY TO INSURE A HEALTHY PLANT CONDITION BY THE CONTRACTOR THROUGHOUT THE ENTIRE DURATION OF THE OWNER'S REPRESENTATIVE.
- FINAL INSPECTION AND ACCEPTANCE OF WORK
- FINAL INSPECTION AT THE END OF THE WARRANTY PERIOD SHALL BE ON PLANTING, CONSTRUCTION AND ALL OTHER INCIDENTAL WORK PERTAINING TO THIS CONTRACT, AND ANY REPAIRS TO THIS WORK SHALL BE SUBJECT TO THE SAME ONE (1) YEAR WARRANTY (OR AS SPECIFIED BY THE LANDSCAPE ARCHITECT OR OWNER IN WRITING) BEGINNING WITH THE TIME OF REPLACEMENT AND ENDING WITH THE SAME INSPECTION AND ACCEPTANCE HEREIN DESCRIBED.
- WARRANTY
1. THE LIFE AND SATISFACTORY CONDITION OF ALL PLANT MATERIAL INSTALLED (INCLUDING SOD) BY THE LANDSCAPE CONTRACTOR SHALL BE WARRANTED BY THE CONTRACTOR FOR A MINIMUM OF ONE (1) CALENDAR YEAR COMMENCING AT THE TIME OF CERTIFICATION OF ACCEPTANCE BY THE OWNER'S REPRESENTATIVE.
2. ANY PLANT NOT FOUND IN A HEALTHY GROWING CONDITION AT THE END OF THE WARRANTY PERIOD SHALL BE REMOVED FROM THE SITE AND REPLACED AS SOON AS WEATHER CONDITIONS PERMIT. ALL REPLACEMENTS SHALL BE PLANTS OF THE SAME KIND AND SIZE AS SPECIFIED IN THE PLANT LIST. THEY SHALL BE FURNISHED PLANTED AND MULCHED AS SPECIFIED AT NO ADDITIONAL COST TO THE OWNER.
- IN THE EVENT THE OWNER DOES NOT CONTRACT WITH THE CONTRACTOR FOR LANDSCAPE AND IRRIGATION MAINTENANCE, THE CONTRACTOR SHALL REMAIN RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF THE GROWING OF THE PLANTS DURING THE ONE (1) YEAR WARRANTY PERIOD TO EVALUATE MAINTENANCE PROCEDURES BEING PERFORMED BY THE OWNER. CONTRACTOR SHALL NOTIFY THE OWNER IN WRITING OF MAINTENANCE PROCEDURES OR CONDITIONS WHICH THREATEN VIGOROUS AND HEALTHY PLANT GROWTH. SITE VISITS SHALL BE CONDUCTED A MINIMUM OF ONCE PER MONTH FOR A

1 TYPICAL LANDSCAPE SPECIFICATIONS (FLORIDA)

Plotted By:Dunbaud, Jimmy Sheet Set:FLOOR AND DECOR APOPKA Layout:L2.00 July 18, 2023 08:34:38am K:\VRL_Civil\244257001-Floor & Decor Aopoka\CAD\CONSTR\PlanSheets\L2.00 IRRIGATION PLAN.dwg



IRRIGATION CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL NECESSARY MODIFICATIONS REQUIRED TO MEET THE SCHEMATIC INTENT OF THESE PLANS PRIOR TO SUBMITTING PROPOSAL. THESE PLANS OUTLINE THE OVERALL LAYOUT OF THE SYSTEM AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO ZONE THE SYSTEM ACCORDINGLY BASED ON FLOW AND PRESSURE AVAILABLE. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE FOLLOWING BUT NOT LIMITED TO AVAILABLE FLOW, AVAILABLE PRESSURE, CONNECTION ASSEMBLY, CAPACITY OF THE SYSTEM.

IRRIGATION NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, EQUIPMENT QUANTITIES, ETC. PRIOR TO BEGINNING WORK.
- CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES IN PLANS OR SPECIFICATIONS PRIOR TO BEGINNING OR CONTINUING WORK.
- THE CONTRACTOR SHALL MAKE NO SUBSTITUTIONS, DELETIONS, OR ADDITIONS TO THIS PLAN WITHOUT APPROVAL OF THE LANDSCAPE ARCHITECT.
- ALL CONSTRUCTION SHALL CONFORM TO CITY, COUNTY, STATE, AND FEDERAL REQUIREMENTS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO ENSURE THAT ALL IRRIGATION EQUIPMENT MEETS GOVERNMENT REGULATIONS. CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR OBTAINING ANY NECESSARY PERMITS OR APPROVALS.
- THIS PLAN IS SCHEMATIC AND DUE TO THE NATURE OF CONSTRUCTION SLIGHT FIELD MODIFICATIONS MAY BE NECESSARY TO IMPLEMENT PLAN.
- CONTRACTOR TO VERIFY ACTUAL AVAILABLE WATER PRESSURE BEFORE BEGINNING INSTALLATION. CONTRACTOR SHALL NOTIFY LANDSCAPE ARCHITECT IF AVAILABLE WATER PRESSURE WILL NOT ALLOW SYSTEM MODIFICATION TO BE POSSIBLE.
- IRRIGATION SYSTEMS CONNECTED TO POTABLE WATER SUPPLY, SHALL HAVE A BACKFLOW PREVENTER INSTALLED.
- WHERE APPLICABLE IRRIGATION HEADS ARE TO BE ADJUSTED FOR COMPLETE COVERAGE WITH MINIMUM OVER SPRAY BEYOND LANDSCAPE AREAS.
- EXISTING TREES TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. DO NOT TRENCH OR EXCAVATE WITHIN THE CRITICAL ROOT ZONE OF ANY TREE.
- ALL IRRIGATION SLEEVING TO BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR. ELECTRICAL WIRES FOR IRRIGATION VALVES AND IRRIGATION LINES ARE TO BE PLACED IN SEPARATE SLEEVES.
- IRRIGATION CONTRACTOR SHALL REVIEW WINTERIZATION PROCEDURES FOR IRRIGATION SYSTEM WITH OWNER'S REPRESENTATIVE.
- ALL PLANT MATERIAL IN TREE HOLDING AREAS SHALL BE MANUALLY WATERED/IRRIGATED TO KEEP MOIST UNTIL PLANTED.
- CONTRACTOR TO PROVIDE PERMANENT BENCH-MARKS ON ALL CURB LINES AT RELATED SLEEVE LOCATIONS (TYP).
- THE IRRIGATION SYSTEM SHALL BE DESIGNED AND INSTALLED TO MINIMIZE ROOT DISTURBANCE IN EXISTING TREES.
- IRRIGATION SPRAYS AND ROTORS ARE NOT COMBINED ON THE SAME CONTROL VALVE CIRCUIT - LANDSCAPE BEDS AND TURF ON SEPARATE CIRCUITS.

IRRIGATION SCHEDULE				
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI	DETAIL
	RAIN BIRD R-VAN-STRIP RD-06-SAM-P45-NP TURF ROTARY, 8-14" AND HAND ADJUSTABLE MULTI-STREAM ROTARY W/ RD1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET, WI NON-POTABLE PURPLE CAP.	77	40	
	RAIN BIRD R-VAN18 RD-06-SAM-P45-NP TURF ROTARY, 8-14" 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/ RD1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET, WI NON-POTABLE PURPLE CAP.	226	40	
	RAIN BIRD R-VAN18 RD-06-SAM-P45-NP TURF ROTARY, 13-18" 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/ RD1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET, WI NON-POTABLE PURPLE CAP.	31	40	
	RAIN BIRD R-VAN24 RD-06-SAM-P45-NP TURF ROTARY, 17-24" 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/ RD1800 TURF SPRAY BODY ON 6" POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2" NPT FEMALE THREADED INLET, WI NON-POTABLE PURPLE CAP.	85	40	
	RAIN BIRD 1800-1400 FLOOD 1401 FIXED FLOW RATE (0.25-2.0GPM), FULL CIRCLE BUBBLER, 1/2" FPT.	47	20	
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		DETAIL
	AREA TO RECEIVE DRIPLINE RAIN BIRD XFD-08-12-NP XFD ON-SURFACE PRESSURE COMPENSATING LANDSCAPE DRIPLINE, 0.9 GPH EMITTERS AT 12" O.C. DRIPLINE LATERALS SPACED AT 12" APART, WITH EMITTERS OFFSET FOR TRIANGULAR PATTERN, UV RESISTANT, SPECIFY XF INSERT FITTINGS.	20,468 L.F.		
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY		DETAIL
	RAIN BIRD PESS-PRS-D 1-1/2" 1IN, 1-1/2IN, 2IN, PLASTIC INDUSTRIAL MASTER VALVES, LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION, WITH PRESSURE REGULATING MODULE, AND SCRUBBER TECHNOLOGY FOR RELIABLE PERFORMANCE IN DIRTY WATER IRRIGATION APPLICATIONS.	1		
	FEBCO FB50 1-1/2" PRESSURE VACUUM BREAKER, BRASS WITH BALL VALVE SOV. INSTALL 12" (304MM) ABOVE HIGHEST DOWNSTREAM OUTLET AND THE HIGHEST POINT IN THE DOWNSTREAM PIPING.	1		
	RAIN BIRD ESP-LX-M2 12 STATION TRADITIONALLY WIRED, COMMERCIAL CONTROLLER, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE.	1		
	RAIN BIRD RAINGAUGE RAIN SENSOR FOR MAXIMOM OR SITE/CONTROL, CUSTOMIZES WEATHER DATA BY PROVIDING SITE-SPECIFIC RAINFALL MEASUREMENTS, AND SENDING TO CENTRAL CONTROLLER DAILY.	1		
	RAIN BIRD FS-150-P 1-1/2IN, FLOW SENSOR, PLASTIC PVC MODEL, SUGGESTED OPERATING RANGE 5.0 GPM TO 100.0 GPM, SIZE FOR FLOW NOT ACCORDING TO PIPE SIZE, RAIN BIRD COMPATIBLE CONTROLLERS (ESP-LX(M)1) LXD1 LXM2(M)1 MES, OR CONTROLLERS ACCEPTING CUSTOM K-FACTOR AND OFFSET. INSTALL IN RAIN BIRD VALVE BOX.	1		
	WATER METER 1-1/2" REUSE	1		
	IRRIGATION MAINLINE: PVC SCHEDULE 40	2,204 L.F.		
	PIPE SLEEVE: PVC SCHEDULE 40 - LATERAL LINES	508.8 L.F.		
	PIPE SLEEVE: PVC SCHEDULE 40 - MAINLINE	137.0 L.F.		

FLOW TOTALS
Area for Dripline: 307.1
Bubble: 23.5
Turf Rotary: 354.5
Total: 685.0 GPM

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APOKA, FL

TBD SWC ORANGE BLOSSOM TRAIL & LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STONE NUMBER: 1, B.D.
GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

ISSUE

SEAL



07/18/2023

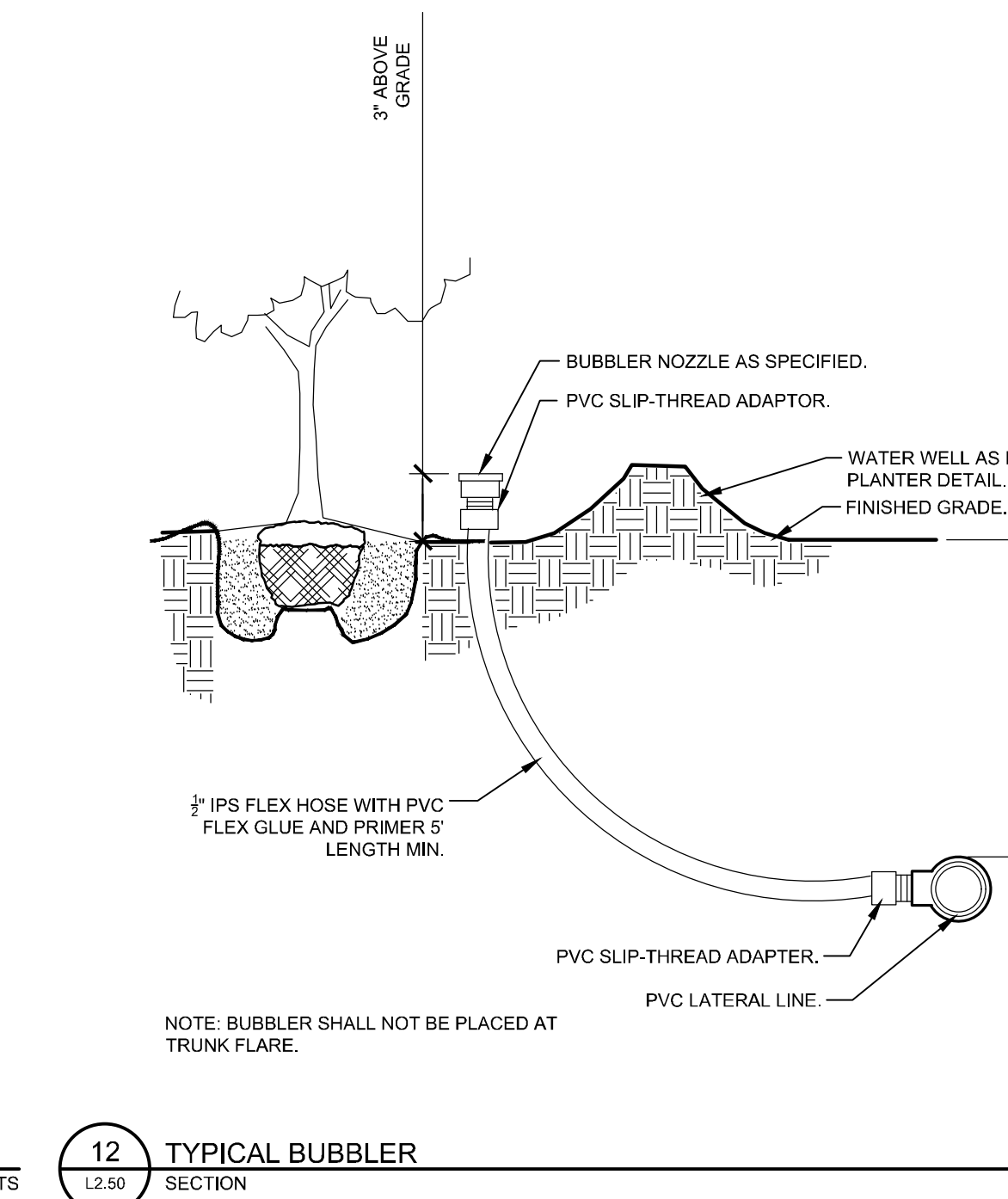
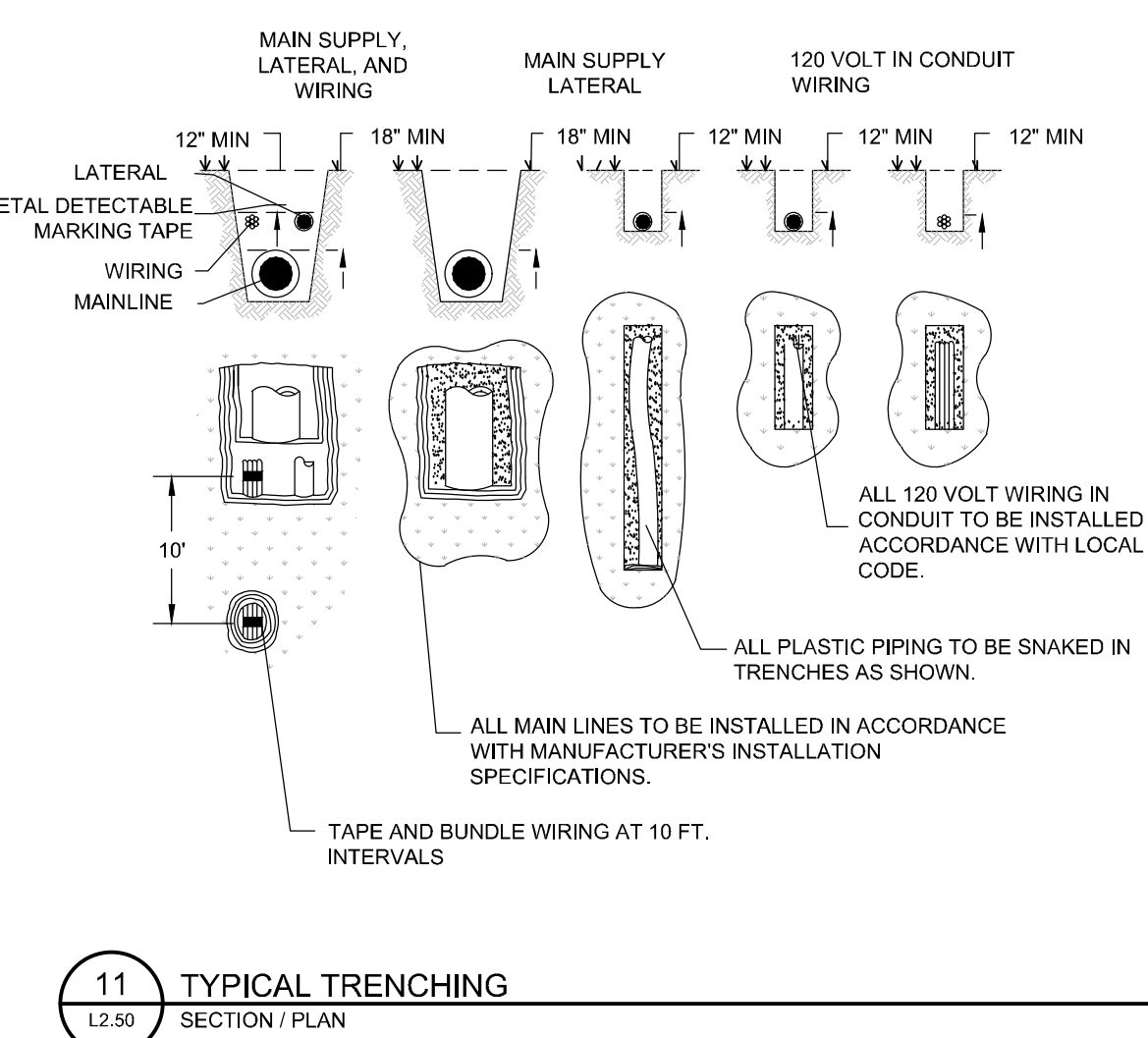
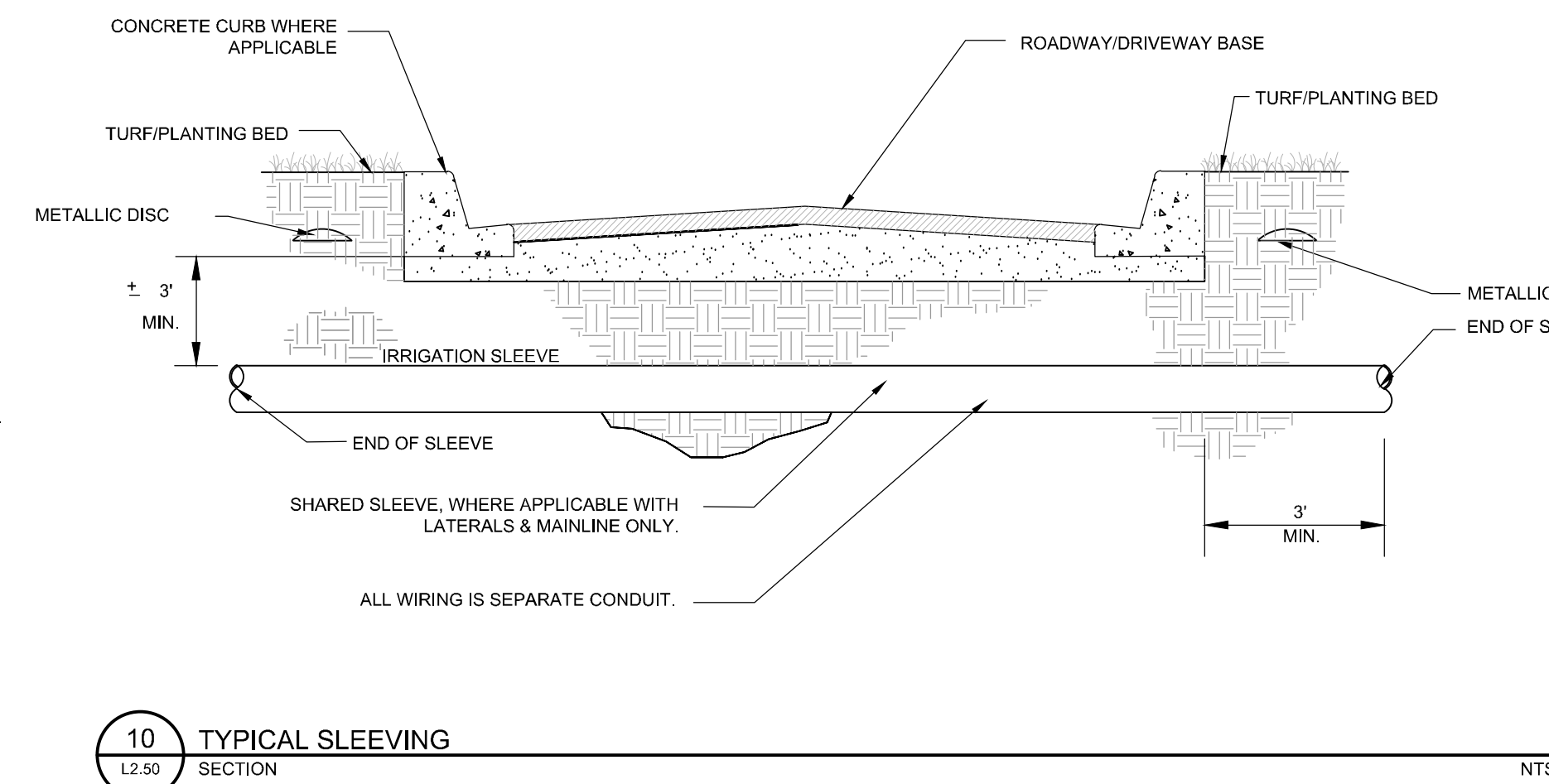
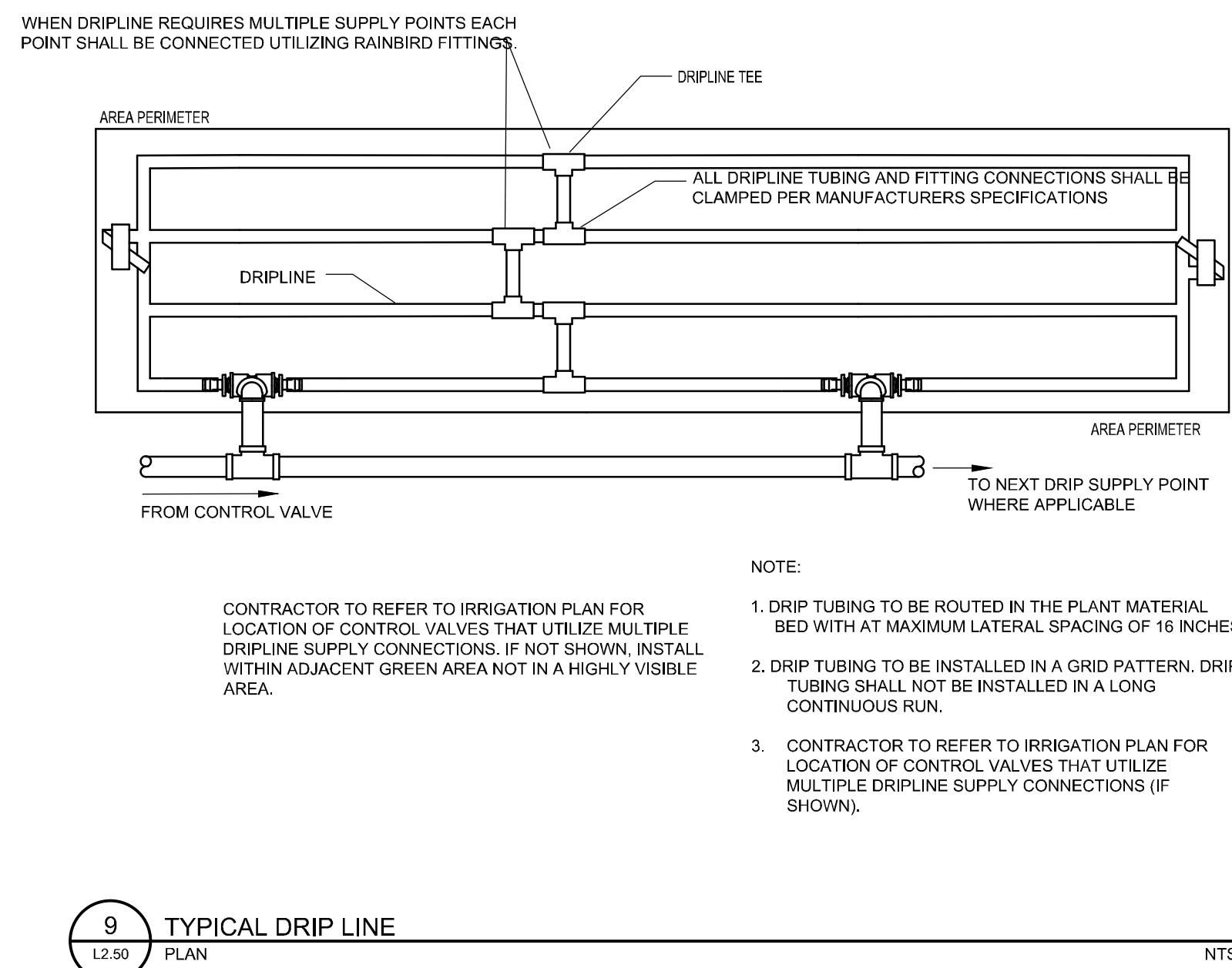
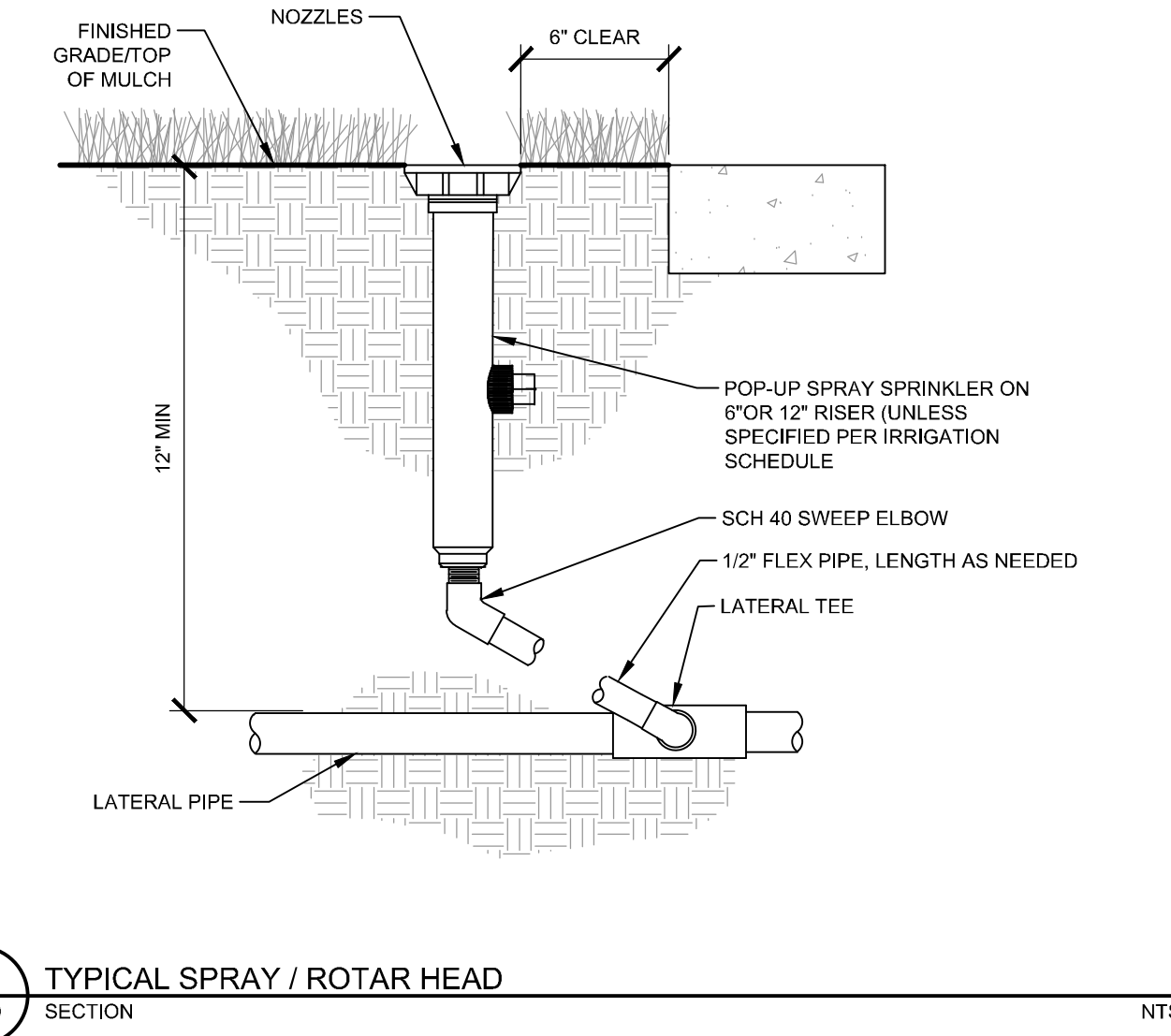
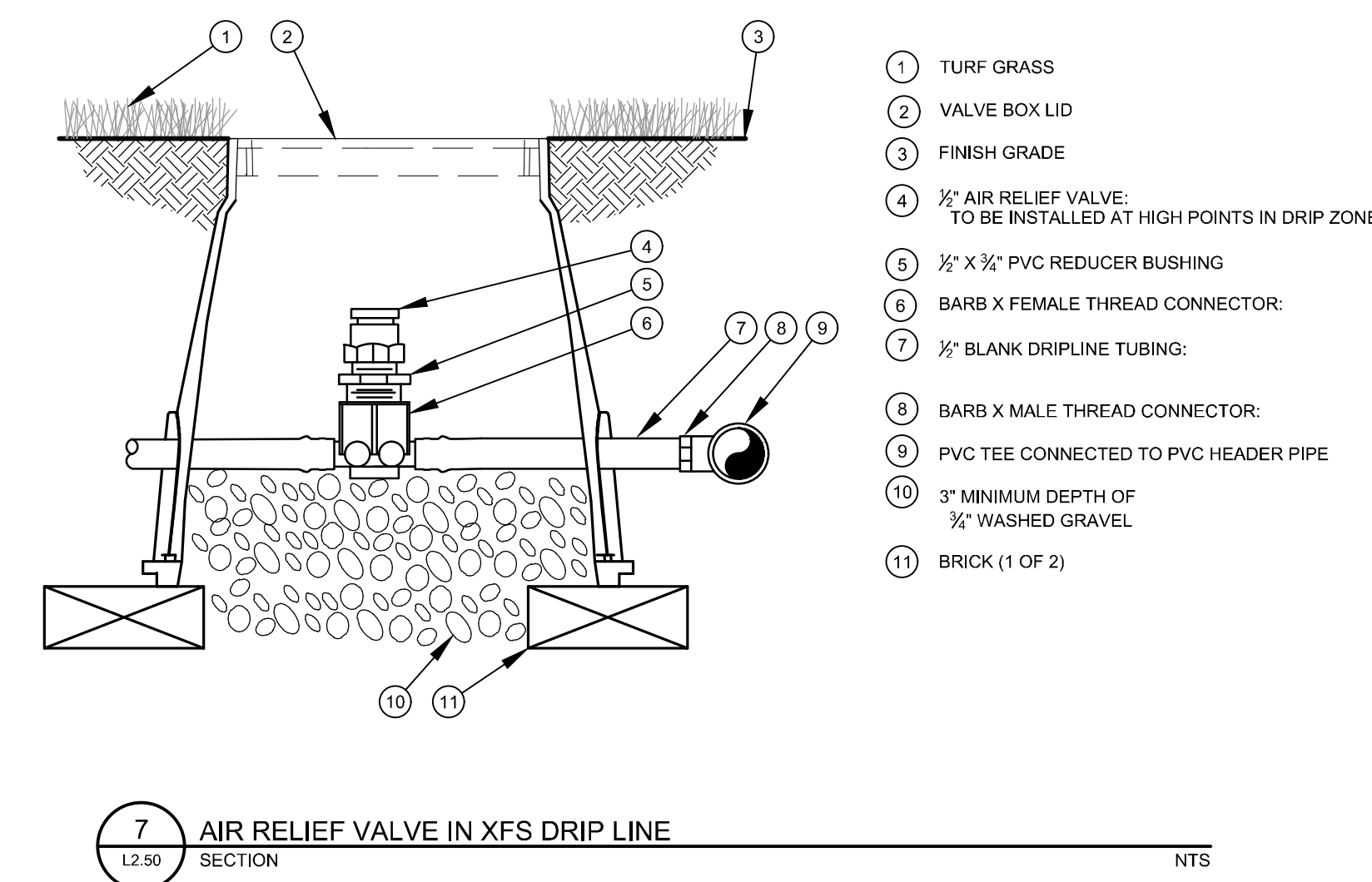
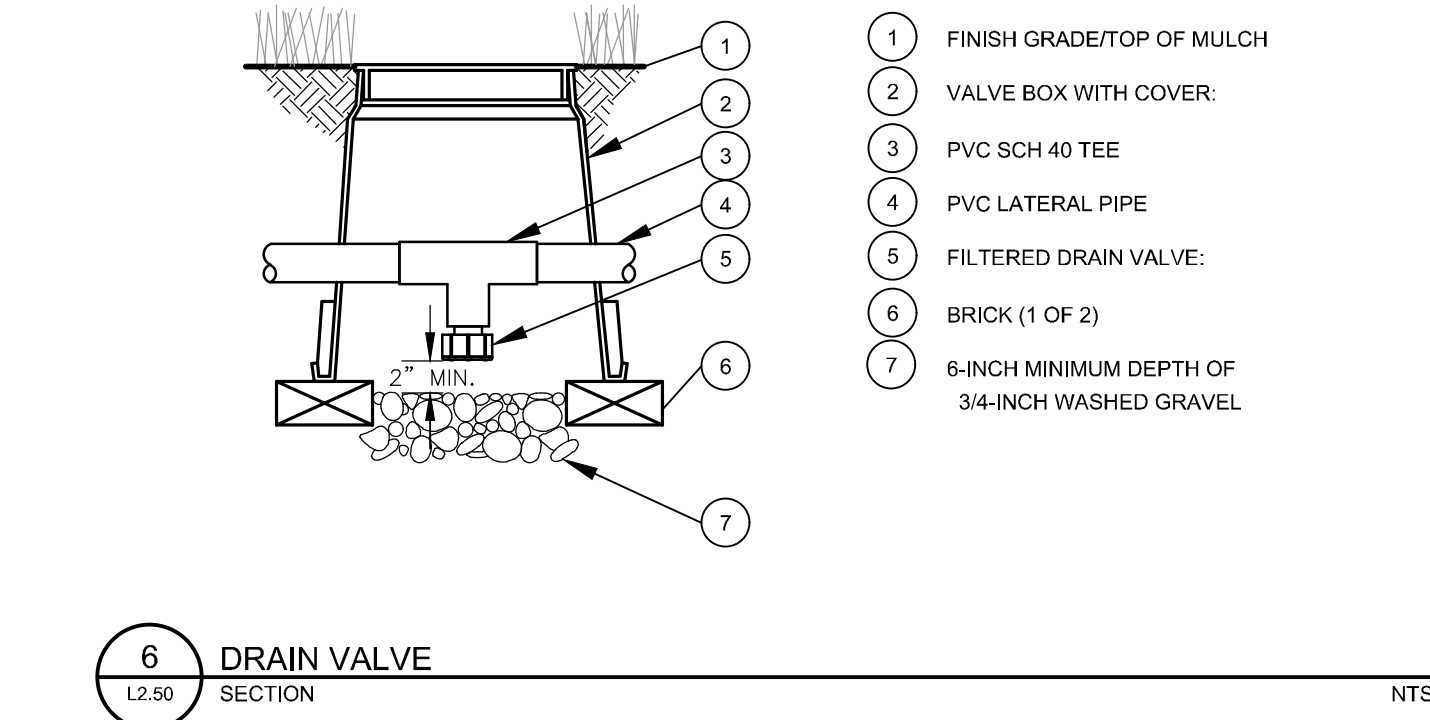
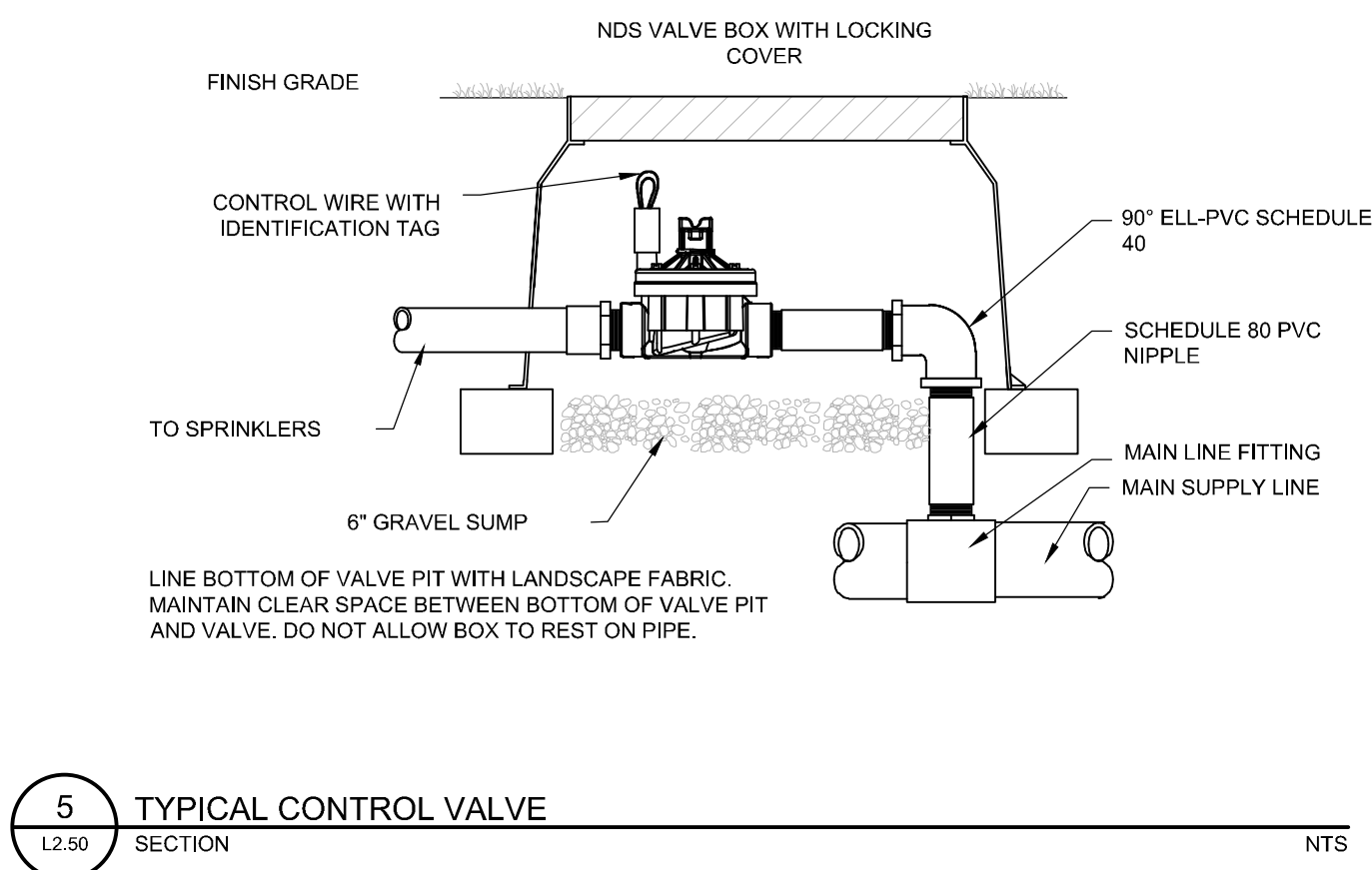
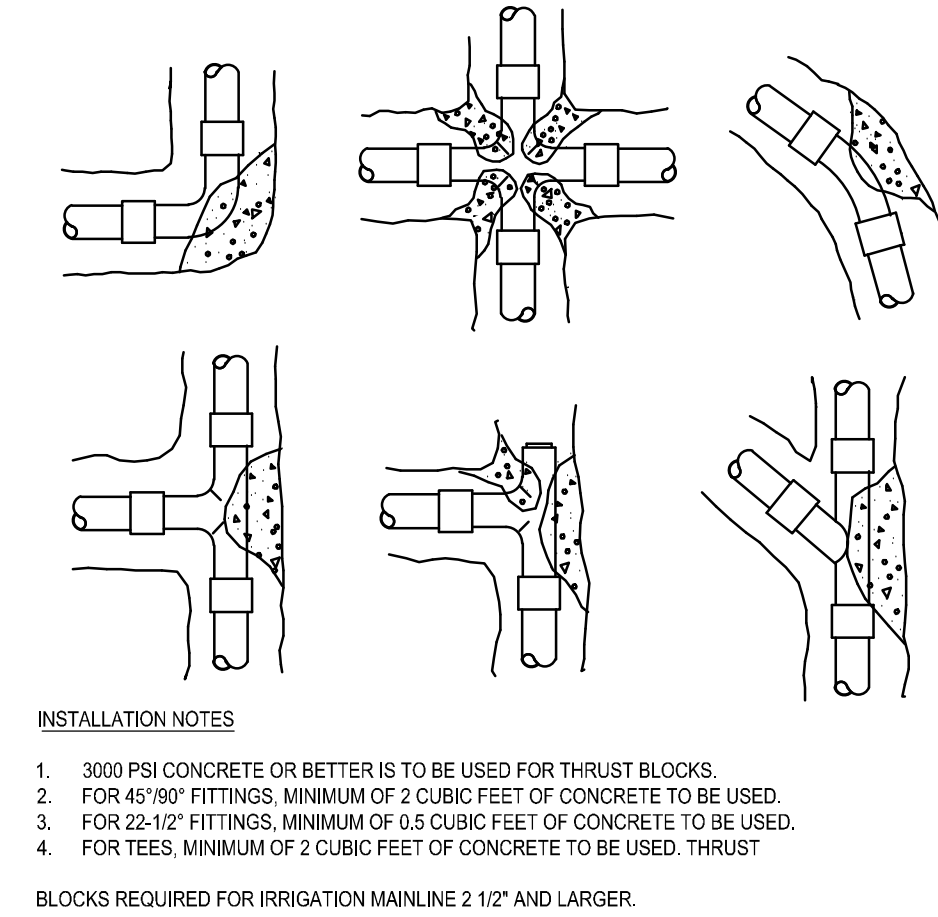
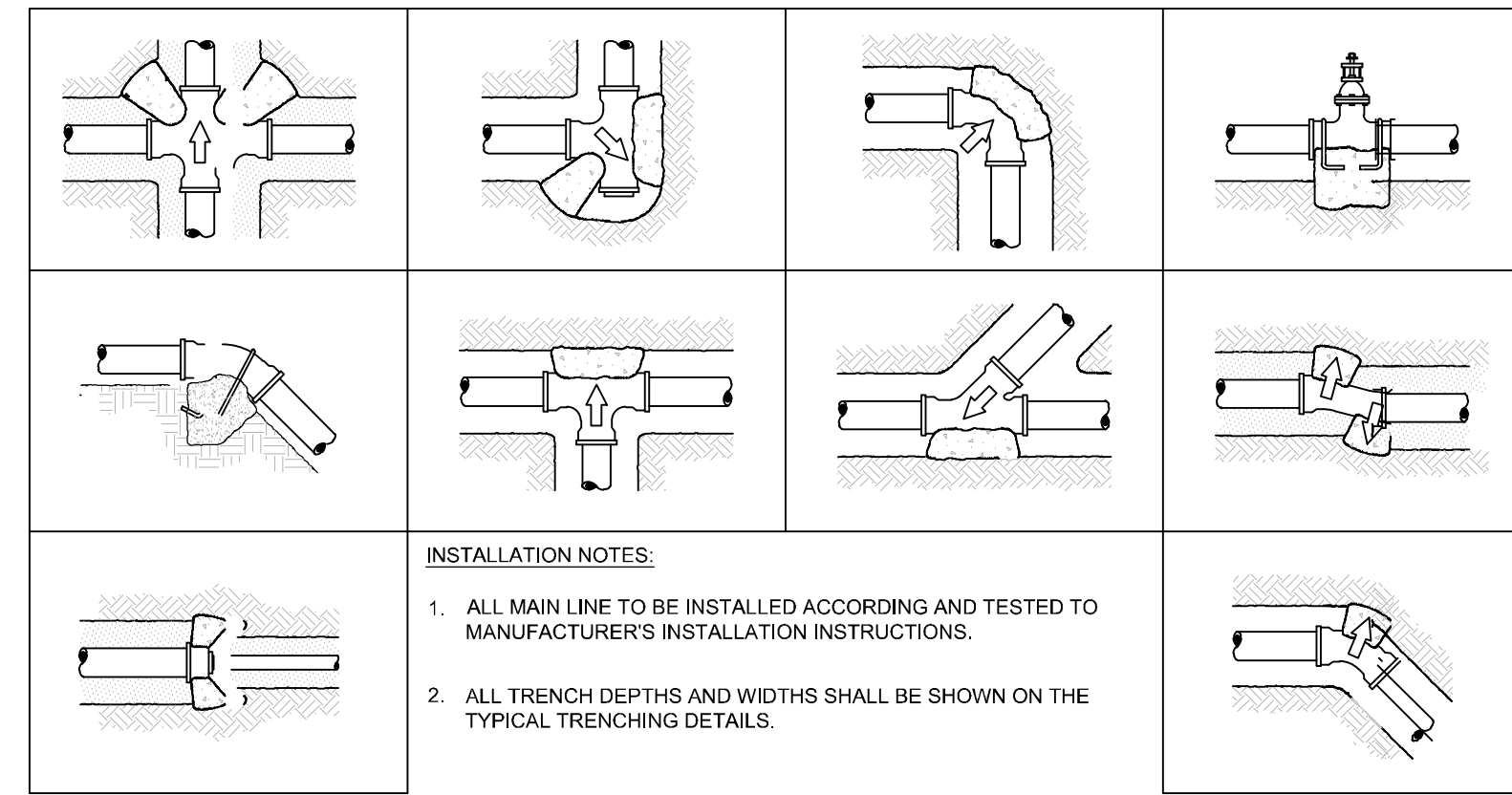
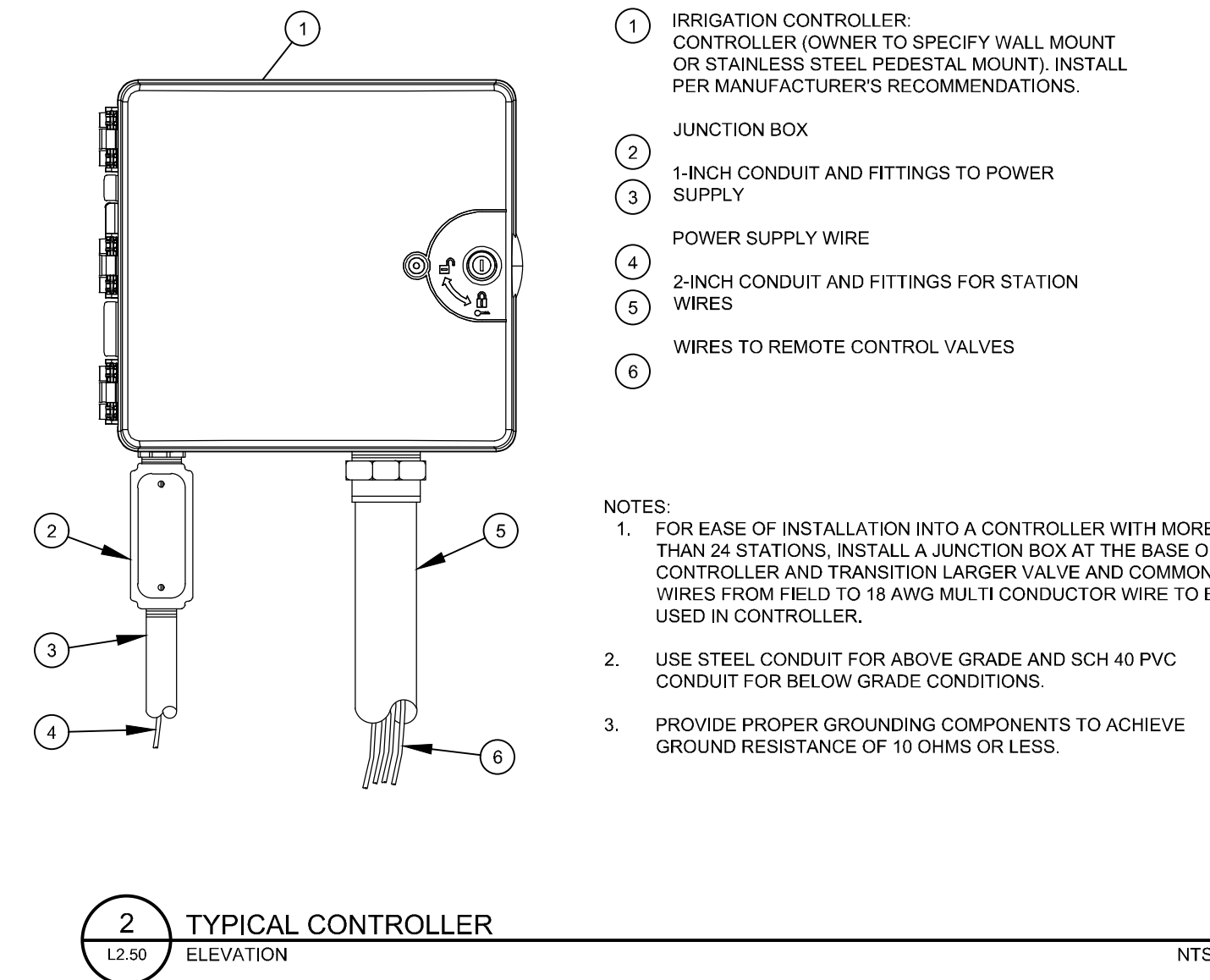
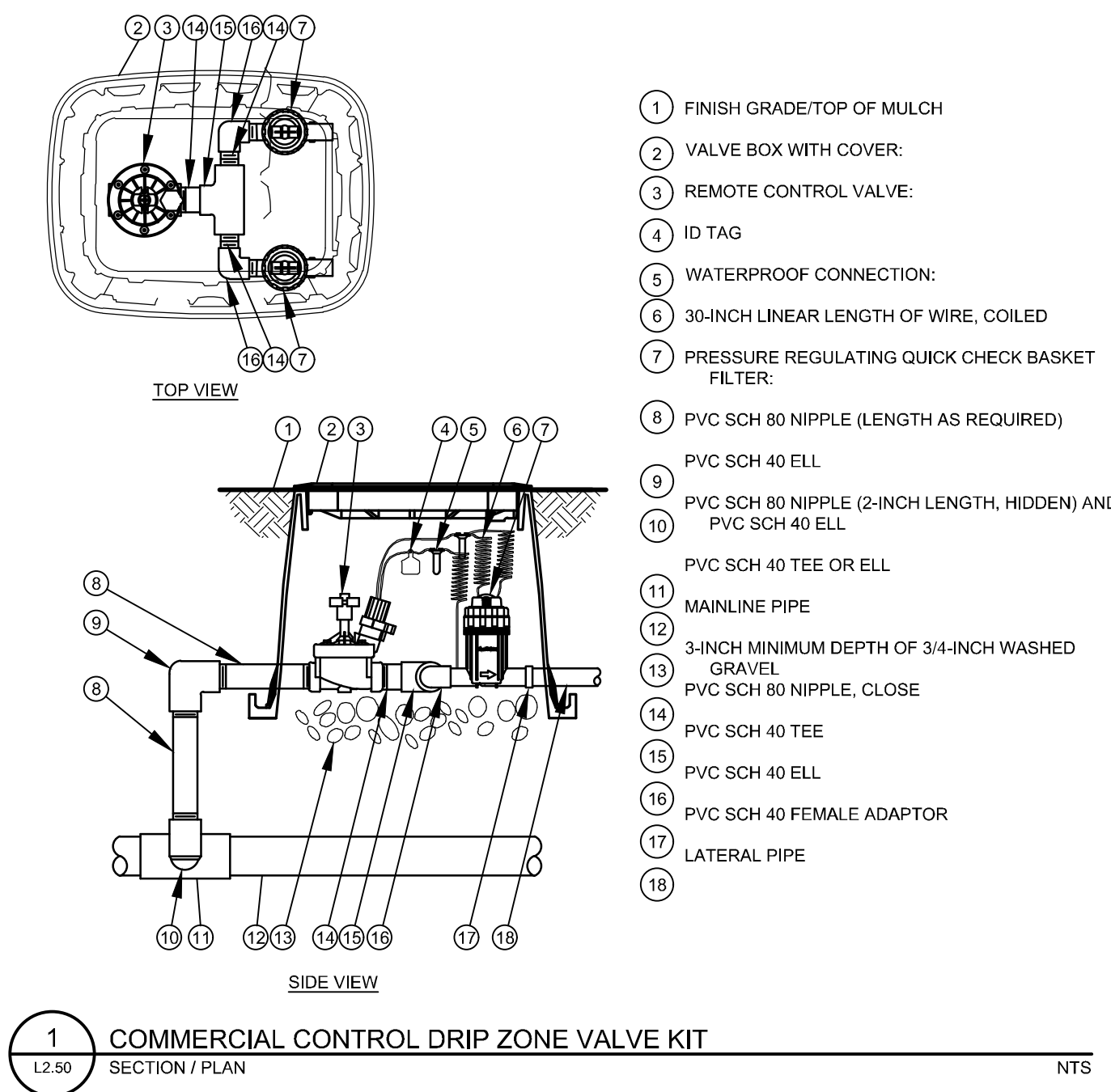
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IRRIGATION PLAN

DRAWN: JTD
CHECKED: MTF

L2.00

Plotted By:Dumbauid, Jimmy, Sheet Set:FLOOR AND DECOR APOPKA, Layout:L2.50, July 18, 2023 08:34:40pm, K:\VRL_Civil\24257001-Floor & Decor Apopka\CADD\CONSTR\PlanSheets\L2.00-IRRIGATION PLAN.dwg



Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

FLOOR & DECOR
2500 WINDY RIDGE PARKWAY, SE
ATLANTA, GA 30339

SBLM
SBLM Architect AA-0003434
33 Walt Whitman Road, Suite 300A
Huntington Station, NY 11746
Telephone 631 683 5588
Fax 631 683 5591

A.V. SCHWAN & ASSOC.
STRUCTURAL ENGINEERS
600 East Thomas Rd, Suite 1
Scottsdale, Arizona 85251
(602) 265-4331

dbassociates
consulting engineers
2000 North 96th Avenue, Suite 100
Orlando, FL 32817
Phone 407-991-2633

CODE CONSULTANTS, INC.
2045 WOODLAND PKWY, SUITE 300
ORLANDO, FL 32801
PHONE: 407-855-1511
WWW.KIMLEY-HORN.COM

Kimley-Horn
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189 S. ORANGE AVE., SUITE 1000
ORLANDO, FL 32801
PHONE: 407-855-1511
WWW.KIMLEY-HORN.COM

PROJECT

FLOOR & DECOR
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL & LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	04/25/2023
2	ISSUED FOR CONSTRUCTION	04/25/2023
3	ISSUED FOR AS-BUILT	04/25/2023
4	ISSUED FOR FINAL	04/25/2023
5	ISSUED FOR RECORD	04/25/2023
6	ISSUED FOR ARCHIVE	04/25/2023
7	ISSUED FOR DESTRUCTION	04/25/2023
8	ISSUED FOR REMEDIATION	04/25/2023
9	ISSUED FOR REPAIR	04/25/2023
10	ISSUED FOR REPLACEMENT	04/25/2023
11	ISSUED FOR RECONSTRUCTION	04/25/2023
12	ISSUED FOR REDEMPTION	04/25/2023
13	ISSUED FOR REDEMPTION	04/25/2023
14	ISSUED FOR REDEMPTION	04/25/2023
15	ISSUED FOR REDEMPTION	04/25/2023
16	ISSUED FOR REDEMPTION	04/25/2023
17	ISSUED FOR REDEMPTION	04/25/2023
18	ISSUED FOR REDEMPTION	04/25/2023
19	ISSUED FOR REDEMPTION	04/25/2023
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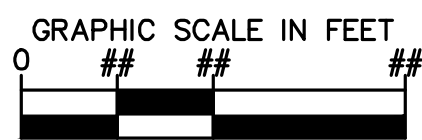
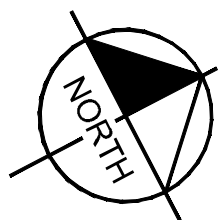
SEAL



07/18/2023
SHEET
IRRIGATION DETAILS

DRAWN: JTD
CHECKED: MTF

L2.50



2500 WINDY RIDGE
PARKWAY, SE
ATLANTA, GA 30339

SBLM

SBLM Architects **AA-0003434**
33 Walt Whitman Road, Suite 201
Huntington Station, NY 11743
Telephone 631 683 5588
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dlbassocia
consulting engineers
3600 Route 66, Suite 150 - 45081
Neptune NJ 07753



CODE CONSULTANTS, INC.
2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63146-4235
316-931-2633

Kimley»»Horn

2023 KIMLEY-HORN AND ASSOCIATES, INC.
89 S. ORANGE AVE., SUITE 1000
ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM

—PROJECT

FLOOR&DECOR
APOPKA, FL

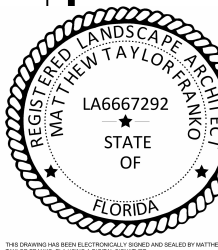
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—ISSUE

[illegible]

-SEAL



07/18/2023

-SHEET-
IRRIGATION
SPECIFICATION

DRAWN: JTD
CHECKED: MTF

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Sunshine811.com

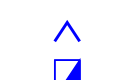
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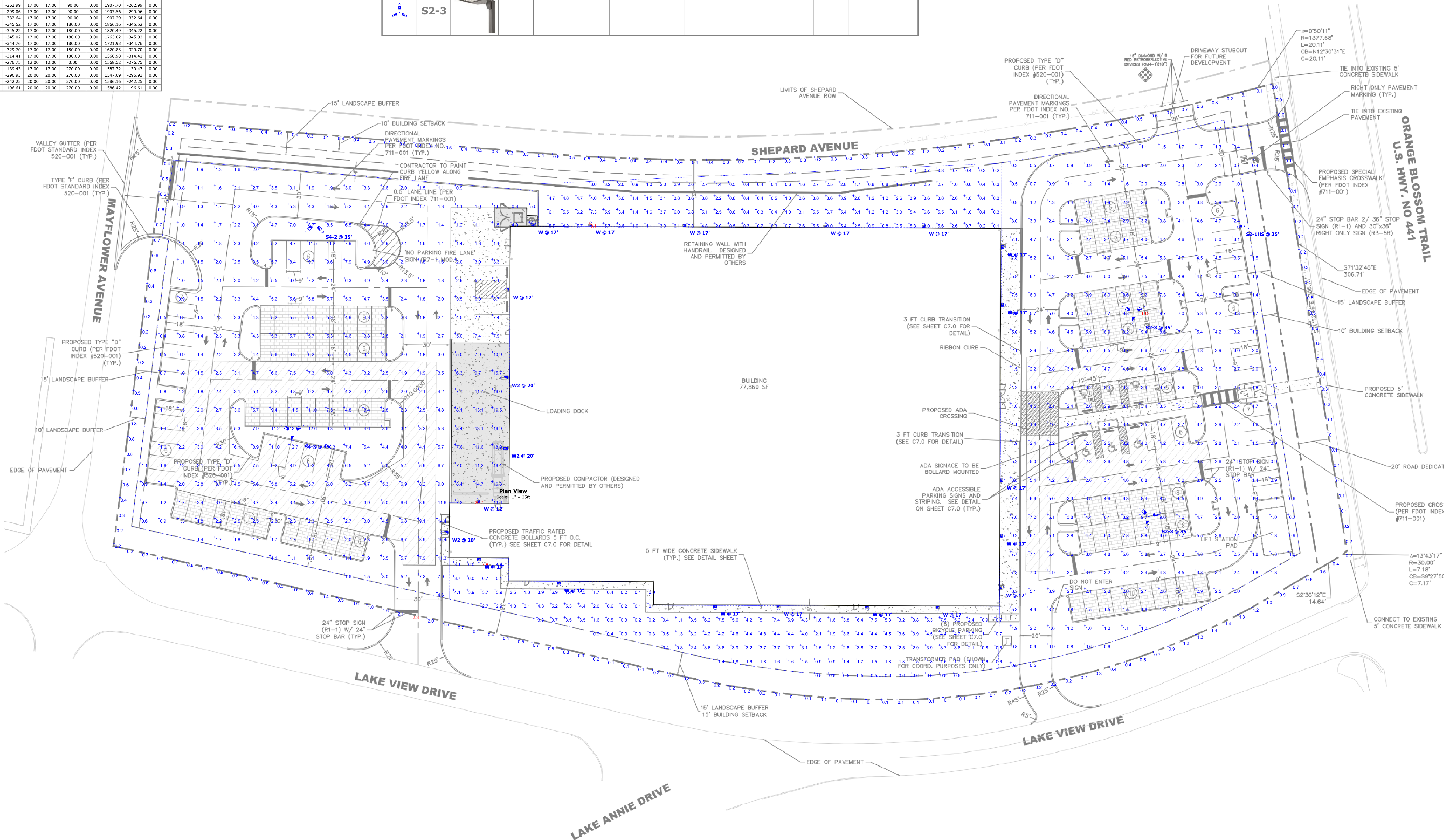
- Existing Lighting Survey Notes**
- Readings are shown in units of maintained footcandles.
 - Total Light Loss Factor (LLF) = Estimated to accurately reflect measured light level calculations
 - Test Plane = 0' AFF
 - Fixture Mounting Height = 35' AG for all pole-mounted area lights, 17' AG for W wall packs, 20' AG for W2 wall packs.
 - Building Height = 30' AFF
 - Building Reflectance Value = 10/10/10
 - Fixture Spacing = See Fixture Locations Schedule
 - This photometric layout was calculated using specific criteria. Any deviation from stated parameters will affect actual performance.
 - These lighting calculations are not a substitute for independent engineering analysis of lighting system suitability and safety.

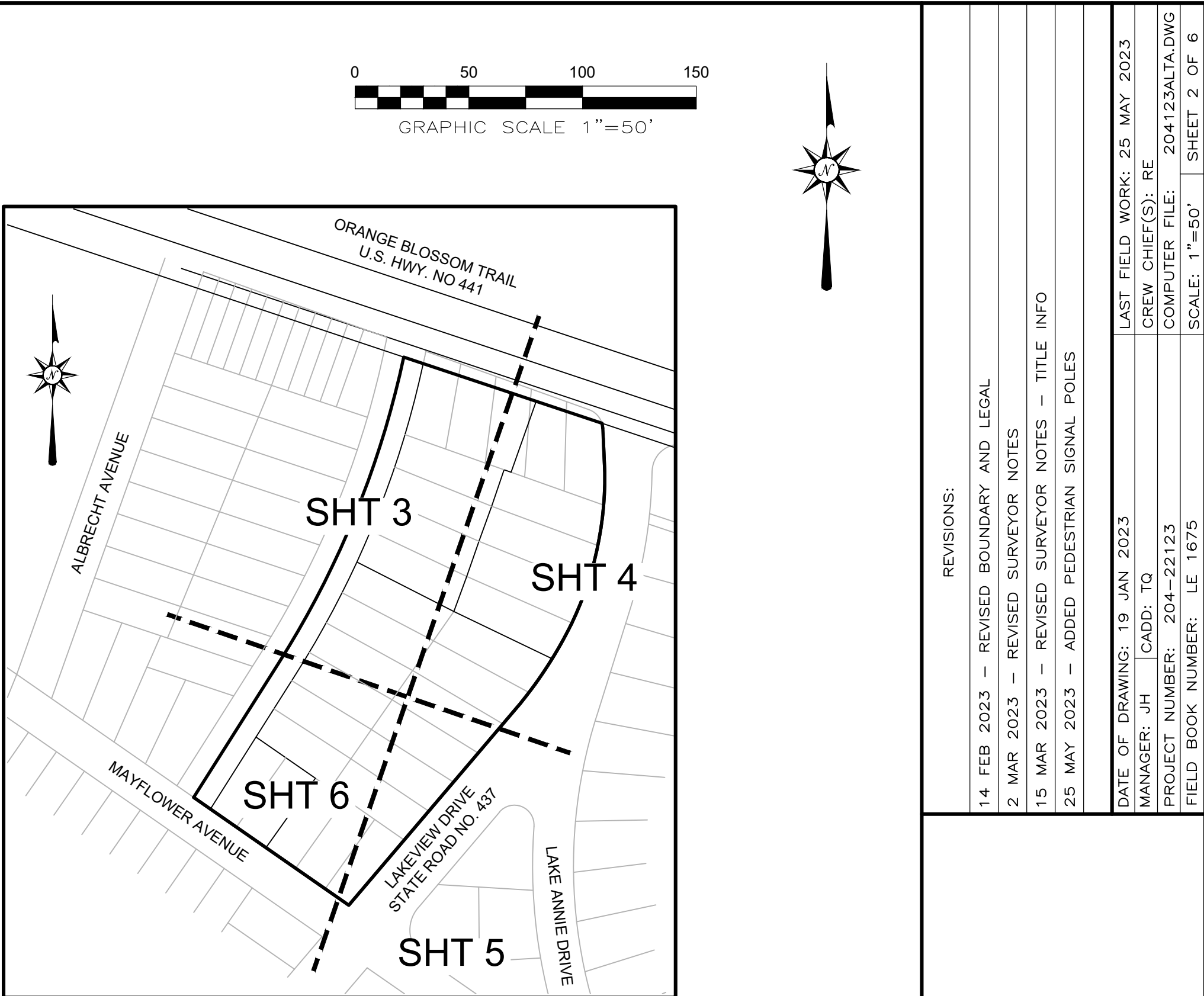
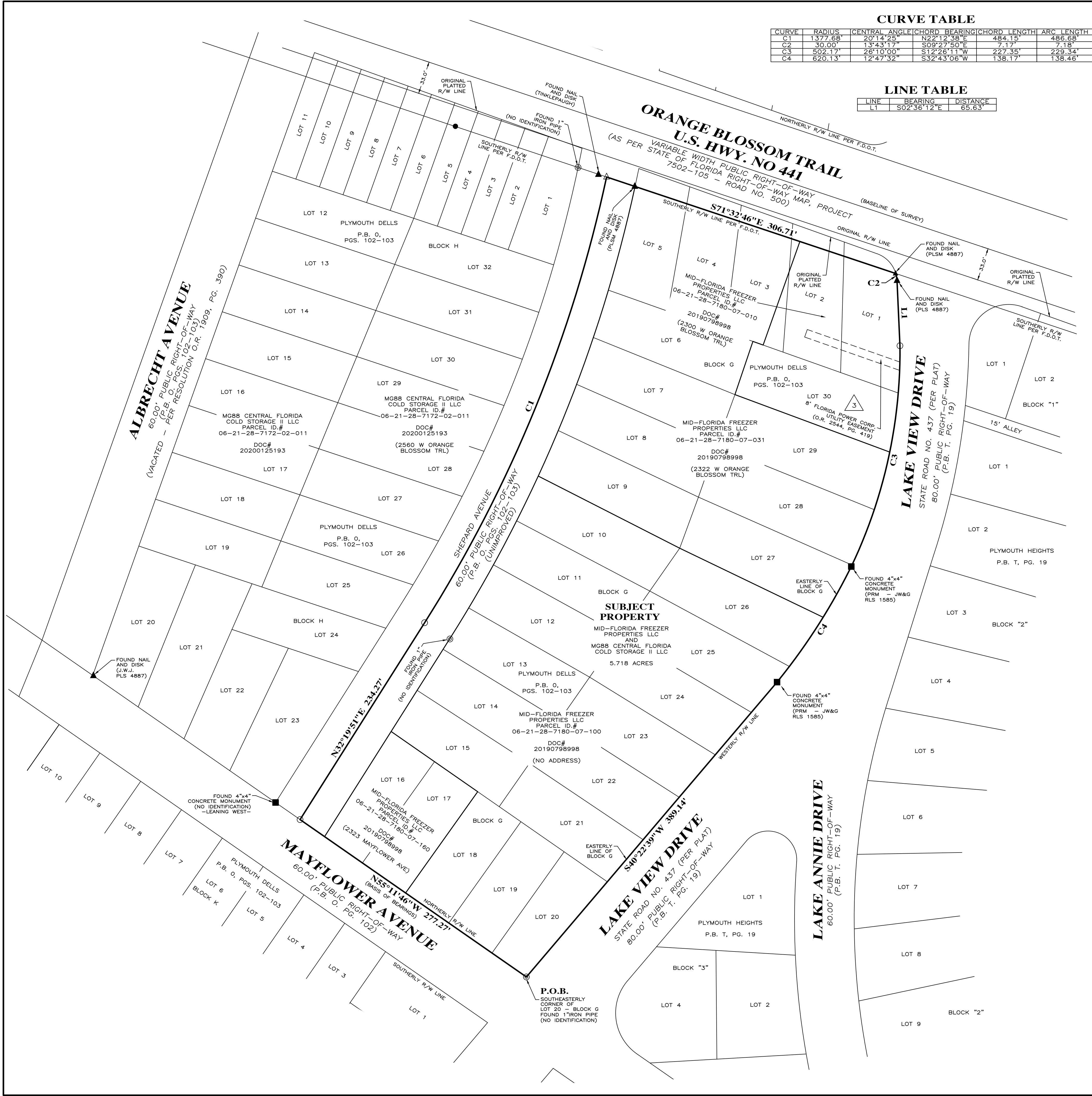
Luminaire Locations												
No.	Label	X	Y	Z	MH	Orientation	Tilt	X	Y	Z		
1	S2-1HS	2064.93	-98.25	35.00	35.00	262.00	0.00	2063.78	-98.41	0.00		
1	S2-3	2003.19	-286.53	35.00	35.00	192.98	0.00					
1	S2-3-1	2002.21	-290.75	35.00	35.00	192.98	0.00	2002.70	-288.64	0.00		
1	S2-3-2	2000.02	-283.58	35.00	35.00	312.98	0.00	2001.60	-285.05	0.00		
1	S2-3-3	2007.33	-285.26	35.00	35.00	72.98	0.00	2005.26	-285.89	0.00		
2	S2-3	1993.22	-154.24	35.00	35.00	179.77	0.00					
1	S2-3-1	1993.23	-158.57	35.00	35.00	179.77	0.00	1993.22	-156.41	0.00		
1	S2-3-2	1986.46	-152.09	35.00	35.00	299.77	0.00	1991.34	-153.17	0.00		
1	S2-3-3	1996.96	-152.06	35.00	35.00	59.77	0.00	1995.09	-153.15	0.00		
1	S4-2	1462.58	-96.49	35.00	35.00	136.79	0.00					
1	S4-2-1	1465.54	-99.65	35.00	35.00	136.79	0.00	1464.06	-98.07	0.00		
1	S4-2-2	1459.42	-99.46	35.00	35.00	226.79	0.00	1461.00	-97.97	0.00		
1	S4-3	1448.13	-231.45	35.00	35.00	300.08	0.00					
1	S4-3-1	1444.39	-229.28	35.00	35.00	300.08	0.00	1446.26	-230.37	0.00		
1	S4-3-2	1451.89	-229.29	35.00	35.00	60.08	0.00	1450.01	-230.37	0.00		
1	S4-3-3	1448.13	-235.78	35.00	35.00	180.08	0.00	1448.13	-233.42	0.00		
1	W	1603.75	-97.46	17.00	17.00	0.00	0.00	1603.75	-97.46	0.00		
2	W	1641.12	-97.55	17.00	17.00	0.00	0.00	1641.12	-97.55	0.00		
3	W	1702.16	-97.86	17.00	17.00	0.00	0.00	1702.16	-97.86	0.00		
4	W	1793.44	-98.16	17.00	17.00	0.00	0.00	1793.44	-98.16	0.00		
5	W	1857.08	-98.39	17.00	17.00	0.00	0.00	1857.08	-98.39	0.00		
6	W	1908.28	-111.73	17.00	17.00	90.00	0.00	1908.28	-111.73	0.00		
7	W	1908.17	-149.26	17.00	17.00	90.00	0.00	1908.17	-149.26	0.00		
8	W	1907.70	-262.99	17.00	17.00	90.00	0.00	1907.70	-262.99	0.00		
9	W	1907.56	-299.06	17.00	17.00	90.00	0.00	1907.56	-299.06	0.00		
10	W	1907.29	-332.64	17.00	17.00	90.00	0.00	1907.29	-332.64	0.00		
11	W	1866.16	-345.52	17.00	17.00	180.00	0.00	1866.16	-345.52	0.00		
12	W	1820.49	-345.22	17.00	17.00	180.00	0.00	1820.49	-345.22	0.00		
13	W	1763.02	-345.02	17.00	17.00	180.00	0.00	1763.02	-345.02	0.00		
14	W	1721.93	-344.76	17.00	17.00	180.00	0.00	1721.93	-344.76	0.00		
15	W	1620.63	-329.70	17.00	17.00	180.00	0.00	1620.63	-329.70	0.00		
16	W	1568.98	-314.41	17.00	17.00	180.00	0.00	1568.98	-314.41	0.00		
17	W	1568.52	-276.75	12.00	12.00	0.00	0.00	1568.52	-276.75	0.00		
18	W	1587.72	-139.43	17.00	17.00	270.00	0.00	1587.72	-139.43	0.00		
1	W2	1547.60	-296.93	20.00	20.00	270.00	0.00	1547.60	-296.93	0.00		
2	W2	1586.16	-242.25	20.00	20.00	270.00	0.00	1586.16	-242.25	0.00		
3	W2	1586.42	-196.61	20.00	20.00	270.00	0.00	1586.42	-196.61	0.00		

Statistics							
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min	
North Side Perimeter	+	2.7 fc	8.1 fc	0.1 fc	81.0:1	27.0:1	
Paved Surface Front	+	4.6 fc	20.7 fc	0.3 fc	69.0:1	15.3:1	
Paved Surface Main	+	3.6 fc	10.3 fc	0.3 fc	34.3:1	12.0:1	
Property Boundary	+	0.4 fc	2.3 fc	0.0 fc	N/A	N/A	
South Side Perimeter	+	2.8 fc	7.8 fc	0.0 fc	N/A	N/A	

Schedule

Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Lumens Per Lamp	Light Loss Factor	Wattage
	S4-2		1	Lithonia Lighting	RSX3 LED P4 40K R4	RSX Area Fixture Size 3 P4 Lumen Package 4000K CCT Type R4 Distribution	40976	0.92	623.84
	S4-3		1	Lithonia Lighting	RSX3 LED P4 40K R4	RSX Area Fixture Size 3 P4 Lumen Package 4000K CCT Type R4 Distribution	40976	0.92	935.76
	W		18	Lithonia Lighting	KAXW LED P3 40K R4 MVOLT	Wall Pack (used in front of building)	9707	0.92	79
	W2		3	Lithonia Lighting	RSX3 LED P4 40K R3	Wall Mounted Area Light (used along rear/sides of building)	40446	0.92	311.92
	S2-1HS		1	Lithonia Lighting	RSX3 LED P2 40K R4 HS	RSX LED Area Luminaire Size 3 P2 Lumen Package 4000K CCT Type R4 Distribution with HS shield	20098	0.92	222.88
	S2-3		2	Lithonia Lighting	RSX3 LED P2 40K R4	RSX Area Fixture Size 3 P2 Lumen Package 4000K CCT Type R4 Distribution	30578	0.92	668.64





**INDEX MAP
FOR TOPOGRAPHIC SURVEY**
(NOT TO SCALE)

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

LEADING EDGE
LAND SERVICES
INCORPORATED
8802 EXCHANGE DRIVE
ORLANDO, FLORIDA 32809
PHONE:(407) 351-6730
FAX:(407) 351-9691
WEB:www.leadingedge.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846

ALTA/NSPS LAND TITLE SURVEY

OF
A PORTION OF PLYMOUTH DELLS,
PLAT BOOK O, PAGES 102-103,
LOCATED IN SECTION 28, TOWNSHIP 28 NORTH, RANGE 28 EAST,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

FOR
KIMLEY-HORN AND ASSOCIATES, INC.

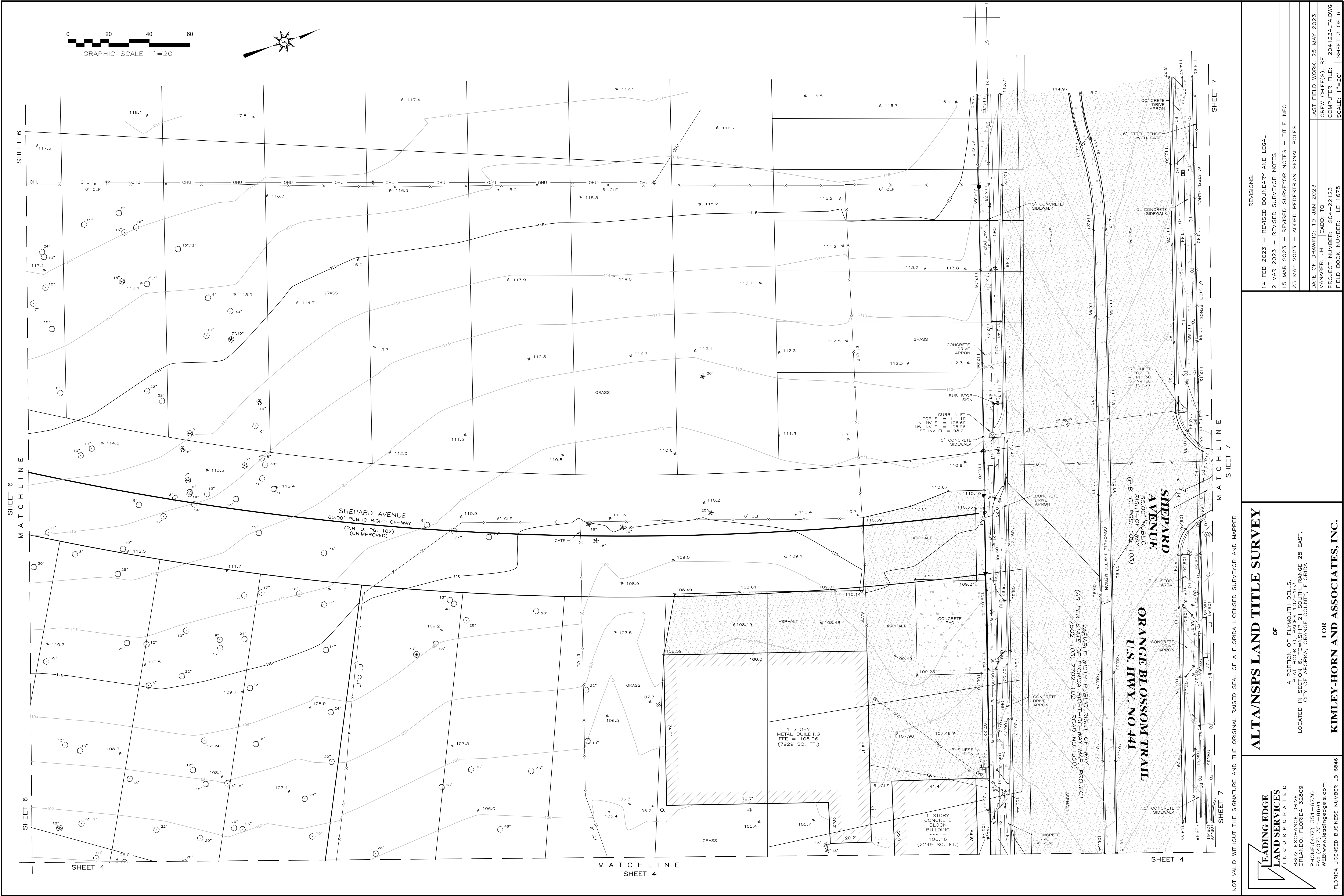
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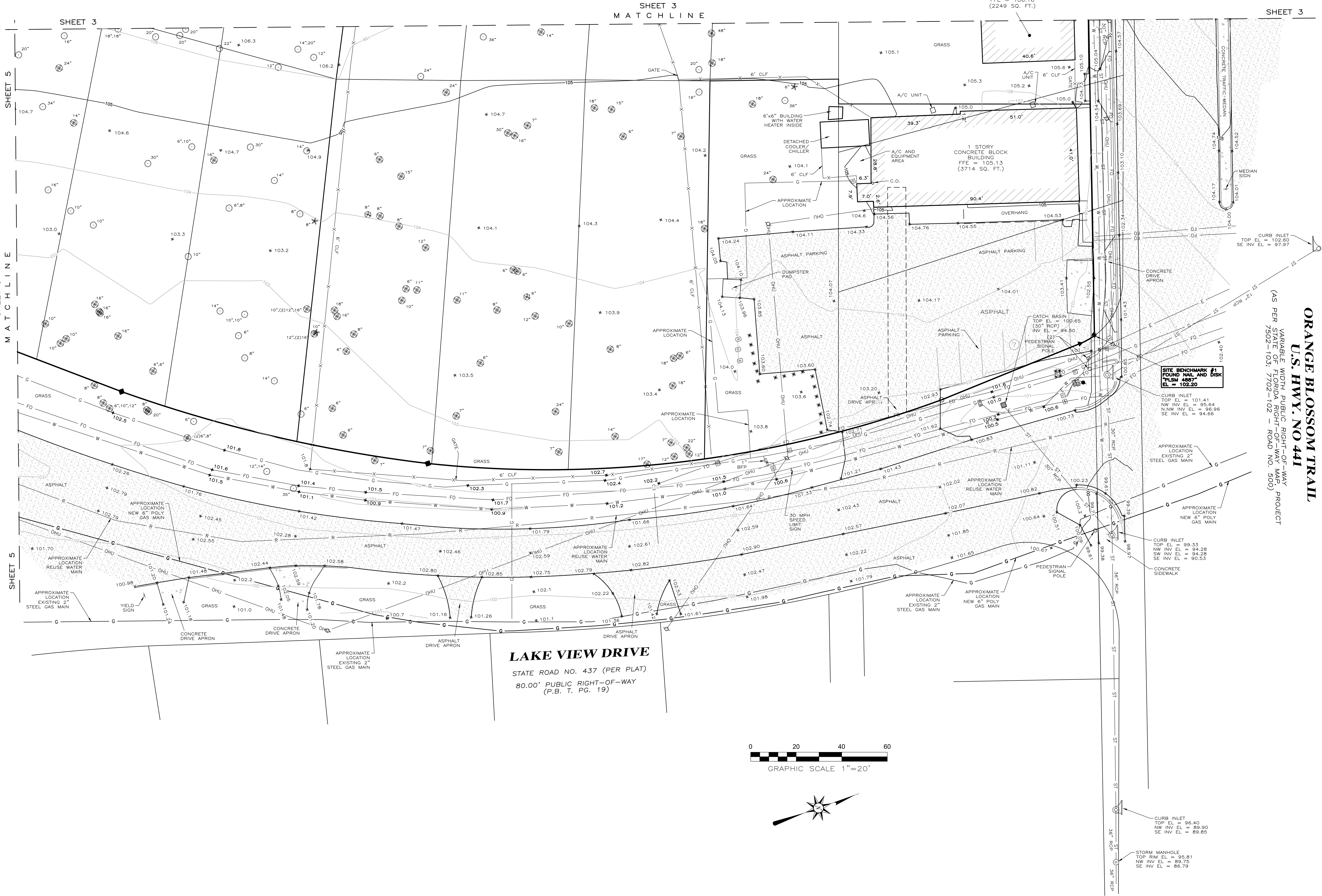
14 FEB 2023 — REVISED BOUNDARY AND LEGAL
2 MAR 2023 — REVISED SURVEYOR NOTES
15 MAR 2023 — REVISED SURVEYOR NOTES — TITLE INFO
25 MAY 2023 — ADDED PEDESTRIAN SIGNAL POLES

DATE OF DRAWING: 19 JAN 2023
CREW CHIEF(S): RE
MANAGER: JH CADD: TO
PROJECT NUMBER: 204-22123
FIELD BOOK NUMBER: LE 1675

LAST FIELD WORK: 25 MAY 2023
COMPUTER FILE: 204123ALTA.DWG
SHEET 2 OF 6

Page 20 of 68





ORANGE BLOSSOM TRAIL
U.S. HWY. NO 44
VARIABLE WIDTH PUBLIC RIGHT-OF-WAY
PER STATE OF FLORIDA RIGHT-OF-WAY MAP, PROJECT
7502-103; 7702-102 - ROAD NO. 500

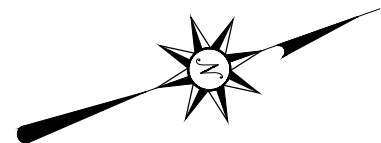
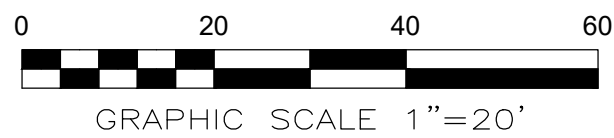
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DATE OF DRAWING: 19 JAN 2023	
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MANAGER: JH	
CADD: TO	
PROJECT NUMBER: 204-22123	
COMPUTER FILE: 204123ALTA.DWG	
FIELD BOOK NUMBER: LE 1675	
SCALE: 1"=20'	
SHEET 4 OF 6	

ALTA/NSPS LAND TITLE SURVEY	
OF	
A PORTION OF PLYMOUTH DELLS, PLAT BOOK 0, PAGES 102-103 SECTION 28, TOWNSHIP 28 NORTH, RANGE 28 EAST, CITY OF APOPKA, ORANGE COUNTY, FLORIDA	
FOR	
KIMLEY-HORN AND ASSOCIATES, INC.	

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

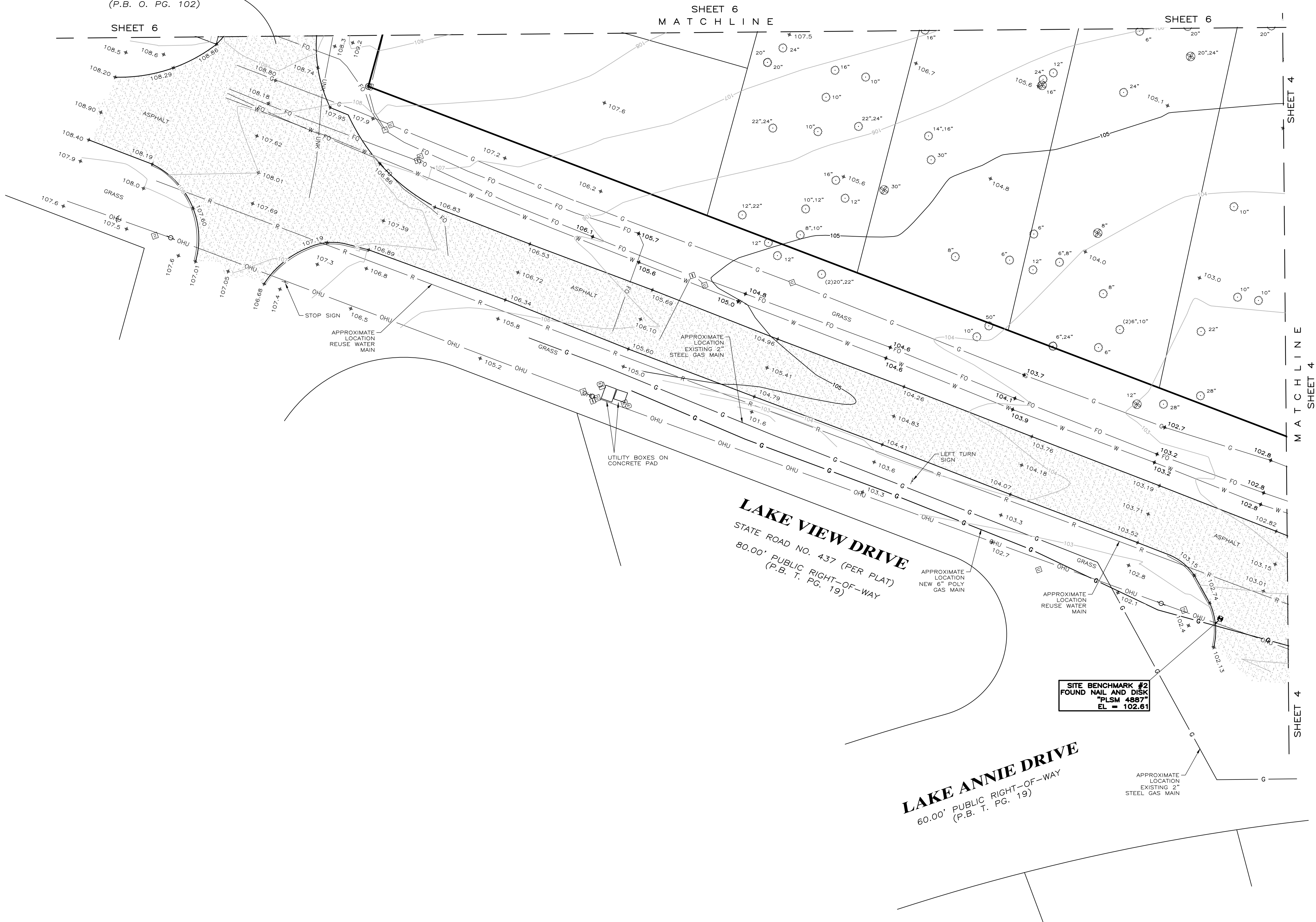
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ORLANDO, FLORIDA 32809
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FAX: (407) 351-9691
WEB: www.leadingedge.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846



MAYFLOWER AVENUE

60.00' PUBLIC RIGHT-OF-WAY
(P.B. O. PG. 102)



LAKE VIEW DRIVE
STATE ROAD NO. 437 (PER PLAT)
80.00' PUBLIC RIGHT-OF-WAY
(P.B. T. PG. 19)

LAKE ANNIE DRIVE
60.00' PUBLIC RIGHT-OF-WAY
(P.B. T. PG. 19)

SITE BENCHMARK #2
FOUND NAIL AND DISK
"PLSM 4887"
EL. = 102.61

REVISIONS:	
14 FEB 2023	REVISED BOUNDARY AND LEGAL
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CREW CHIEF(S): RE	204123ALTA.DWG
PROJECT NUMBER: 204-22123	COMPUTER FILE:
FIELD BOOK NUMBER: LE 1675	SCALE: 1"=20'
SHEET 5 OF 6	

ALTA/NSPS LAND TITLE SURVEY

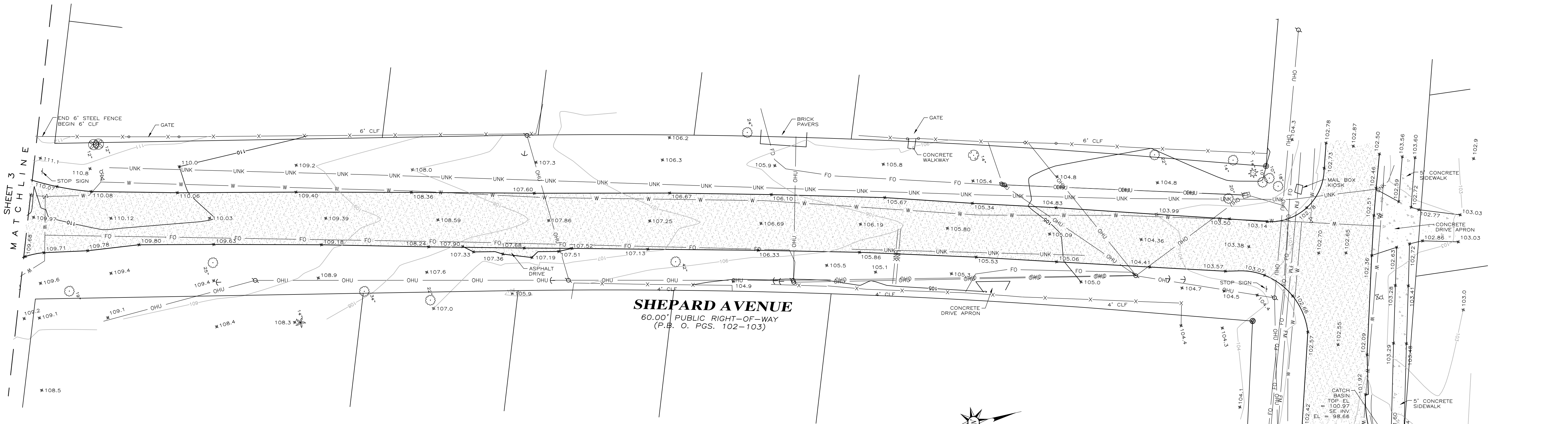
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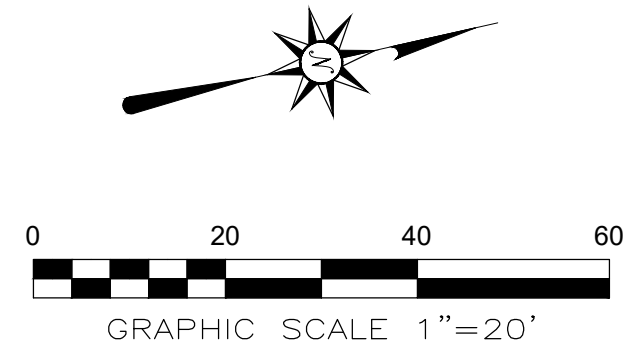
FLORIDA LICENSED BUSINESS NUMBER LB 6846

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER



LEGEND

	SET 5/8" IRON ROD WITH CAP (LB 6846)		FENCE LINE
	FOUND IRON PIPE		STORM LINE
	FOUND NAIL AND DISK		WATER LINE
	FOUND IRON ROD WITH CAP		ELECTRIC LINE
	FOUND CONCRETE MONUMENT		GAS LINE
	GUY ANCHOR		FIBER OPTIC LINE
	WOOD POWER POLE		CLF CHAIN LINK FENCE
	BENCHMARK		NO. NUMBER
	STORM MANHOLE		LB LICENSED BUSINESS
	CURB INLET		EL. ELEVATION
	CATCH BASIN		SQ. FT. SQUARE FEET
	SIGN		FFE FINISH FLOOR ELEVATION
	PULL BOX		INV. INVERT
	UTILITY MARKER		O.R. OFFICIAL RECORDS BOOK
	BOLLARD		PG./PGS. PAGE/PAGES
	LIGHT POLE		P.O.B. POINT OF BEGINNING
	CONCRETE POLE		A.K.A. ALSO KNOWN AS
	TELEPHONE PEDESTAL		R/W RIGHT-OF-WAY
	ELECTRIC BOX		PC POINT OF CURVATURE
	CABLE TELEVISION RISER		PT POINT OF TANGENCY
	TRAFFIC CONTROL BOX		PCC POINT OF COMPOUND CURVATURE
	ELECTRIC METER		PSM PROFESSIONAL SURVEYOR AND MAPPER
	GREASE TRAP		PLS PROFESSIONAL LAND SURVEYOR
	WATER METER		P.B. PLAT BOOK
	BACK FLOW PREVENTER		R. RANGE
	NUMBER OF PARKING SPACES		T. TOWNSHIP
	SPOT SHOT - HARD SURFACE		ID# IDENTIFICATION NUMBER
	SPOT SHOT - GROUND ELEVATION		DOC# DOCUMENT NUMBER
	OAK TREE		HWY. HIGHWAY
	UNKNOWN TREE		PRM PERMANENT REFERENCE MONUMENT
	CAMPHOR TREE		A/C AIR CONDITIONING
	PALM TREE		C.O. CLEANOUT
			BFP BACK FLOW PREVENTER
			PLSM PROFESSIONAL LAND SURVEYOR AND MAPPER
			RLS REGISTERED LAND SURVEYOR
			9 TITLE COMMITMENT EXCEPTION NUMBER



ALTA/NSPS LAND TITLE SURVEY

OF
A PORTION OF PLYMOUTH DELLS,
PLAT BOOK O, PAGES 102-103,
SECTION 6, TOWNSHIP 28 NORTH,
CITY OF APOPKA, ORANGE COUNTY, FLORIDA

FOR
KIMLEY-HORN AND ASSOCIATES, INC.

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

LEADING EDGE
LAND SERVICES
INCORPORATED
8802 EXCHANGE DRIVE
ORLANDO, FLORIDA 32809
PHONE: (407) 351-6730
FAX: (407) 351-9691
WEB: www.leadingedge.com

FLORIDA LICENSED BUSINESS NUMBER LB 6846

14 FEB 2023	REVISED BOUNDARY AND LEGAL
2 MAR 2023	REVISED SURVEYOR NOTES
15 MAR 2023	REVISED SURVEYOR NOTES - TITLE INFO
25 MAY 2023	ADDED PEDESTRIAN SIGNAL POLES
DATE OF DRAWING: 19 JAN 2023	LAST FIELD WORK: 25 MAY 2023
MANAGER: JH	CREW CHIEF(S): RE
CADD: TO	COMPUTER FILE: 204123ALTA.DWG
PROJECT NUMBER: 204-22123	SCALE: 1"=20'
FIELD BOOK NUMBER: LE 1675	SHEET 6 OF 6

Plotted By:McKissick, Scott Sheet Set:FL08S AND DECOR APOPKA Layout:CO.0 COVER SHEET July 18, 2023 11:18:45am K:\ORL_Civil\249227001-Floor & Decor APOPKA\CO.0\CONST\FloorSheets\CO.0 COVER SHEET.dwg



6 CANDLER-APOPKA FINE SAND, 5 TO 12 PERCENT SLOPES
47 TAVARES-MILHOPPER FINE SANDS, 0 TO 5 PERCENT SLOPES

SOILS MAP

1" = 150'

LEGAL DESCRIPTION

(AS SURVEYED)
A PORTION OF
A PARCEL OF LAND LOCATED IN SECTION 6, TOWNSHIP 21 SOUTH, RANGE 28 EAST, CITY OF APOPKA, ORANGE COUNTY, FLORIDA, BEING LOTS 1-30, BLOCK G, TOGETHER WITH A PORTION OF THE UNIMPROVED 60-FOOT RIGHT OF WAY OF SHEPARD AVENUE, ACCORDING TO THE PLAT OF PLYMOUTH DELLS, AS RECORDED IN PLAT BOOK O, PAGES 102-103, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA, LESS AND EXCEPT RIGHT OF WAY TAKEN FOR ORANGE BLOSSOM TRAIL (U.S. HIGHWAY 441) PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT NUMBER 7502-105, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEGIN AT THE SOUTHEASTLY CORNER OF LOT 20 OF BLOCK G, OF SAID PLYMOUTH DELLS; THENCE ALONG THE NORTHERLY RIGHT-OF-WAY OF MAYFLOWER AVENUE, 60-FOOT PUBLIC RIGHT OF WAY PER PLAT BOOK O, PAGES 102-103, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA), N55°11'46"W, A DISTANCE OF 277.27 FEET TO THE CENTERLINE OF SAID SHEPARD AVENUE; THENCE ALONG THE CENTERLINE OF SAID SHEPARD AVENUE, N32°10'51"E, A DISTANCE OF 234.27 FEET; THENCE CONTINUE ALONG THE CENTERLINE OF SAID SHEPARD AVENUE, NORTHEASTERLY ALONG THE ARC OF A CURVE TO THE LEFT (SAID CURVE HAVING A RADIUS OF 1377.68 FEET, A CENTRAL ANGLE OF 20°14'25" AND A CHORD BEARING AND DISTANCE OF N22°12'38"E, 484.15 FEET) FOR AN ARC DISTANCE OF 486.68 FEET TO THE SOUTHERLY RIGHT-OF-WAY OF ORANGE BLOSSOM TRAIL (U.S. HIGHWAY 441) (VARIABLE-WIDTH PUBLIC RIGHT OF WAY PER FLORIDA DEPARTMENT OF TRANSPORTATION PROJECT 7502-105); THENCE ALONG SAID SOUTHERLY RIGHT-OF-WAY, S71°32'46"E, A DISTANCE OF 306.71 FEET TO THE WESTERLY RIGHT-OF-WAY OF LAKE VIEW DRIVE (60-FOOT PUBLIC RIGHT OF WAY PER PLAT BOOK T, PAGE 19, PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA); THENCE ALONG SAID LAKE VIEW DRIVE, WESTERLY RIGHT-OF-WAY THE FOLLOWING FIVE (5) COURSES: 1) SOUTHEASTERLY ALONG THE ARC OF A NON-TANGENT CURVE TO THE RIGHT (SAID CURVE HAVING A RADIUS OF 30.00 FEET, A CENTRAL ANGLE OF 13°43'17" AND A CHORD BEARING AND DISTANCE OF S09°27'59"E, 7.11 FEET) FOR AN ARC DISTANCE OF 7.18 FEET; 2) S02°36'12"E, A DISTANCE OF 65.83 FEET; 3) SOUTHWESTERLY ALONG THE ARC OF A CURVE TO THE RIGHT (SAID CURVE HAVING A RADIUS OF 502.17 FEET, A CENTRAL ANGLE OF 20°10'00" AND A CHORD BEARING AND DISTANCE OF S12°20'11"W, 227.35 FEET) FOR AN ARC DISTANCE OF 229.34 FEET; 4) SOUTHWESTERLY ALONG A COMPOUND CURVE TO THE RIGHT (SAID CURVE HAVING A RADIUS OF 620.13 FEET, A CENTRAL ANGLE OF 12°47'32" AND A CHORD BEARING AND DISTANCE OF S32°43'06"W, 138.17 FEET) FOR AN ARC DISTANCE OF 138.46 FEET; 5) S40°22'39"W, A DISTANCE OF 389.14 FEET TO THE POINT OF BEGINNING.

CONTAINING 5.718 ACRES (249080 SQUARE FEET) OF LAND, MORE OR LESS.

LEGAL DESCRIPTION

(AS PER TITLE COMMITMENT FILE # FL252212110JC/223993ATL)
ALL OF BLOCK G, PLYMOUTH DELLS, ACCORDING TO THE PLAT THEREOF AS RECORDED IN PLAT BOOK O, PAGES 102 AND B103, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

SCOPE NARRATIVE

THE PROPOSED PROJECT IS A FLOOR AND DECOR AT THE CORNER OF W. ORANGE BLOSSOM TRAIL AND LAKE VIEW DRIVE. SITE DEMOLITION INCLUDES CLEARING AND GRUBBING OF EXISTING VEGETATION AND DEMOLITION OF EXISTING STRUCTURES. THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A 77,000 SF BUILDING ON A 5.72 ACRE SITE. THE PROJECT INCLUDES PROPOSED PARKING, INFRASTRUCTURE, AND A STORM WATER MANAGEMENT SYSTEM.

TRUCKS AND SEMI-TRAILERS SHALL NOT BE PARKED OR STORED WITHIN PUBLIC VIEW OVERNIGHT UNLESS IT IS TEMPORARY PARKING NOT TO EXCEED FORTY-EIGHT (48) HOURS FOR DELIVERY PURPOSES.



FEMA MAP

1" = 500'

SITE

SITE

PROPERTY OWNERS

PARCEL IDs: 06-21-28-7180-07-100
06-21-28-7180-07-101
06-21-28-7180-07-031
06-21-28-7180-07-010
FLOOR & DECOR OUTLETS OF AMERICA
2500 WINDY RIDGE PARKWAY, SE
ATLANTA, GEORGIA 30339

SURVEYOR

LEADING EDGE LAND SERVICES, INC.
8802 EXCHANGE DR.
ORLANDO, FL 32809
CONTACT: JEFFERY D. HOFIUS
PHONE: (407) 351-6730
EMAIL: JHOFIUS@LEADINGEDGELS.COM

PROJECT TEAM

OWNER/DEVELOPER

FLOOR & DECOR OUTLETS OF AMERICA
ADDRESS: 2500 WINDY RIDGE PARKWAY, SE
ATLANTA, GEORGIA 30339
CONTACT: BRANDY N. CRAWFORD
PHONE: (404) 471-1634
EMAIL: BRANDY.CRAWFORD@FLOORANDDECOR.COM

CIVIL ENGINEER

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ORLANDO, FL 32801
CONTACT: BRIAN S. ASHBY
PHONE: (407) 898-1511
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LANDSCAPE ARCHITECT

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189 S. ORANGE AVENUE, SUITE 1000
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ARCHITECT

SBLM ARCHITECTS
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PREPARED BY

Kimley»Horn

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Phone: (407) 898-1511
WWW.KIMLEY-HORN.COM CA 35106

CIVIL SITE CONSTRUCTION PLANS

FOR FLOOR AND DECOR APOPKA

PARCEL I.D. #'s:

06-21-28-7180-07-100

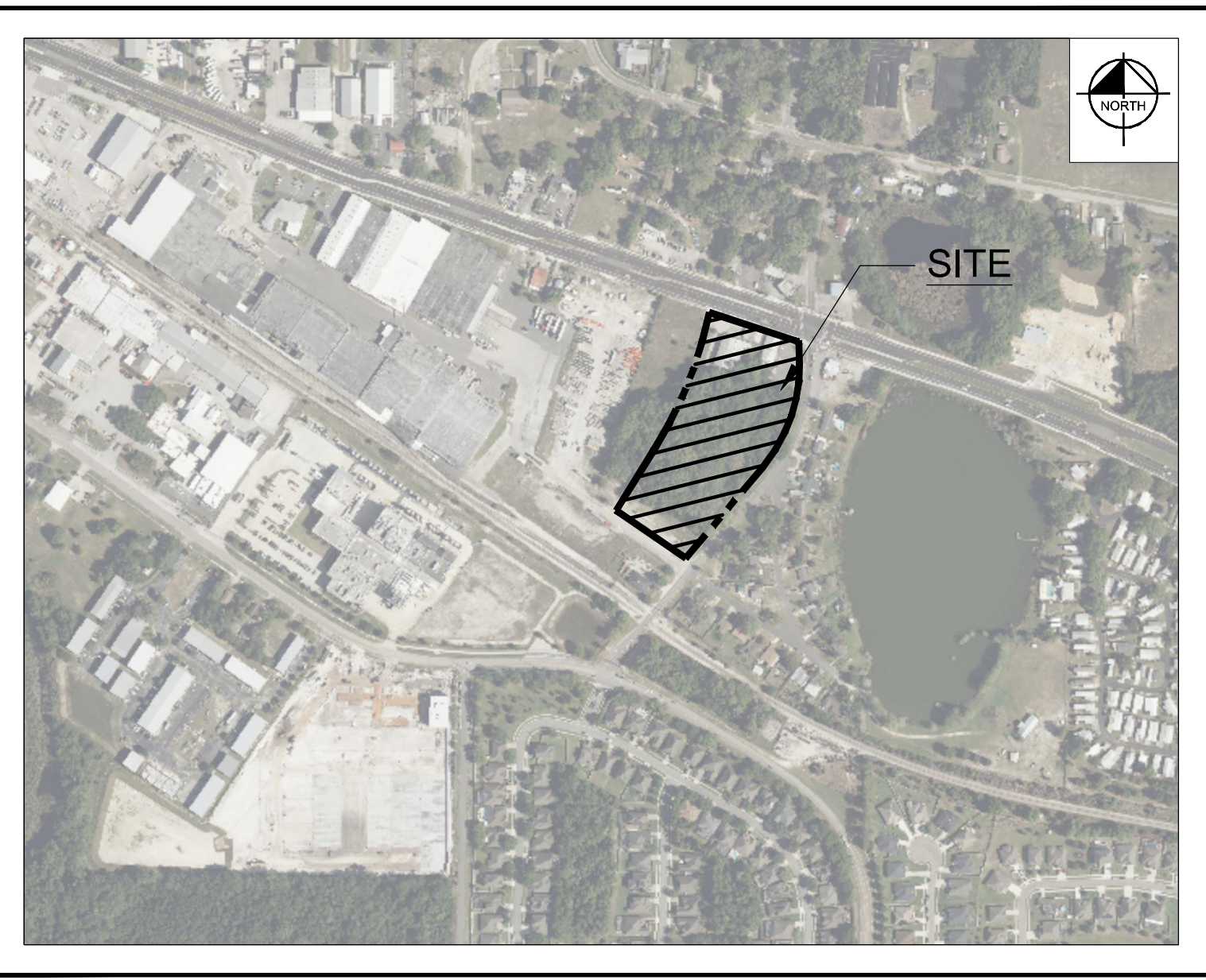
06-21-28-7180-07-010

06-21-28-7180-07-160

06-21-28-7180-07-031

CITY OF APOPKA, FL 32703

JULY 18, 2023



NOTE: THE SUBJECT PROPERTY IS LOCATED NORTH OF ORANGE BLOSSOM TRAIL (U.S. HWY 441) AND WEST OF LAKE VIEW DRIVE AND IS SUBJECT TO THE DENSITY REGULATIONS OF LDC 3.3.5 - RSF-1B.

AERIAL MAP

1" = 500'

PROJECT AREA

SHEET INDEX

Sheet Number	Sheet Title
C0.0	COVER SHEET
C1.0	GENERAL NOTES
C2.0	STORMWATER POLLUTION PREVENTION PLAN
C2.1	EROSION CONTROL DETAILS
C3.0	EXISTING CONDITIONS AND DEMOLITION PLAN
C4.0	SITE PLAN
C4.1	TRUCK ROUTING PLAN
C5.0	PAVING AND GRADING PLAN
C5.1	DRAINAGE PLAN
C5.2	GRADING AND DRAINAGE DETAILS
C6.0	UTILITY PLAN
C6.1	LIFT STATION DETAIL
C6.2	FORCEMAIN PLAN AND PROFILE
C6.3	FORCEMAIN PLAN AND PROFILE
C7.0	GENERAL CONSTRUCTION DETAILS
C7.1	EXFILTRATION DETAILS
C8.0	CITY OF APOPKA DETAILS
C8.1	CITY OF APOPKA DETAILS
C8.2	CITY OF APOPKA DETAILS
C8.3	ORANGE COUNTY DETAILS
L0.50	TREE MITIGATION PLAN
L0.51	TREE CANOPY COVERAGE
L0.52	TREE MITIGATION CALCULATIONS
L0.53	TREE MITIGATION SPECIFICATIONS
L1.00	LANDSCAPE PLAN
L1.50	LANDSCAPE DETAILS
L1.51	LANDSCAPE SPECIFICATIONS
L2.00	IRRIGATION PLAN
L2.50	IRRIGATION DETAILS
L2.51	IRRIGATION SPECIFICATIONS

UTILITY PROVIDERS

WATER AND SEWER

CITY OF APOPKA
COMMUNITY DEVELOPMENT DEPARTMENT
120 E. MAIN STREET, 2ND FLOOR
APOPKA, FLORIDA 32703
PHONE: (407) 703-1712

POWER

DUKE ENERGY
3250 BONNETT CREEK ROAD
PO BOX 10000
LAKE BUENA VISTA, FLORIDA 32830
PHONE: (407) 938-6619

**FLOOR
DECOR**

2500 WINDY RIDGE
PARKWAY, SE
ATLANTA, GA 30339

SBLM

SBLM Architect AA-0003434
33 Walt Whitman Road, Suite 300A
Huntington Station, NY 11746
Telephone 631 683 5588
Fax 631 683 5591



A.V. SCHWAN & ASSOC.
STRUCTURAL ENGINEERS
600 East Thomas Rd, Suite 1
Scottsdale, Arizona 85251
(602) 265-4331



CODE CONSULTANTS, INC.
2643 WOODLAND PKWY, SUITE 300
31 LOUISIANA BLVD, SUITE 400
314-491-2633

Kimley»Horn

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189 S. ORANGE AVE., SUITE 1000
ORLANDO, FL 32801
PHONE: 407-898-1511
WWW.KIMLEY-HORN.COM

PROJECT

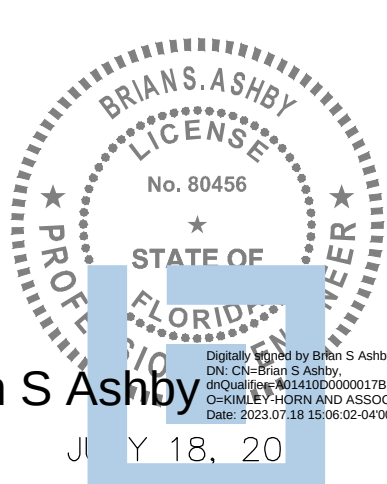
**FLOOR
DECOR**
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL &
LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

ISSUE

SEAL



SHEET

COVER SHEET

DRAWN: BJW
CHECKED: BSA

Always call 811 two full business days before you dig to
have underground utilities located and marked.

Sunshine811.com

C0.0

Plotted By:McKissom, Scott Sheet: Set-FLOOR AND DECOR- APOPKA Layout: C1.0- GENERAL NOTES July 18, 2023 10:16:25am K:\URL-Civil\249257001-Floor & Decor- APOPKA\CADD\CONSTR\PlanSheets\C1.0- GENERAL NOTES.dwg

GENERAL	STORM DRAINAGE SYSTEM	PAVING, GRADING AND DRAINAGE
1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND VERIFYING (HORIZONTALLY AND VERTICALLY) ALL EXISTING UTILITIES PRIOR TO START OF CONSTRUCTION AND FOR NOTIFYING THE VARIOUS UTILITY COMPANIES TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATION, TEMPORARY DISTRIBUTION SERVICE, OR CLARIFICATION OF ACTIVITY REGARDING SAID UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING AN UNDERGROUND UTILITY, WHETHER SHOWN ON THESE PLANS OR FIELD LOCATED. ALL OTHER UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANIES AND THE CONTRACTOR SHALL COOPERATE WITH THEM DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. CONTRACTOR SHALL CALL "SUNSHINE ONE" AT 811 TO HAVE EXISTING UTILITIES LOCATED AT LEAST 48 HOURS PRIOR TO CONSTRUCTION. 2. THE LOCATIONS OF ALL EXISTING UTILITIES, STORM DRAINAGE SYSTEMS, AND TOPOGRAPHIC FEATURES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST AVAILABLE INFORMATION AND ARE PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THEIR ACCURACY. SHOULD A DISCREPANCY ARISE BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, WHICH WOULD APPRECIABLY AFFECT THE EXECUTION OF THESE PLANS, THE CONTRACTOR SHALL HALT CONSTRUCTION AND NOTIFY THE ENGINEER IMMEDIATELY. 3. PRIOR TO THE INITIATION OF SITE CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ANY EXISTING UTILITIES INCLUDING GAS, WATER, ELECTRIC, CABLE TV, COMMUNICATIONS, SANITARY SEWERS AND STORM DRAINAGE SYSTEMS, ON AND / OR ADJACENT TO THE SITE. REMOVE OR CAP AS NECESSARY. 4. THE CONTRACTOR SHALL EXERCISE CAUTION IN AREAS OF BURIED UTILITIES AND SHALL CALL "SUNSHINE 811" AT 811 OR 1-800-432-4770 AT LEAST 48 HOURS PRIOR TO CONSTRUCTION TO ARRANGE FOR FIELD LOCATIONS OF BURIED UTILITIES. 5. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED, BY THE CONTRACTOR OR SUB-CONTRACTORS, AS CALLED FOR IN THESE CONTRACT DOCUMENTS. 6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, SUCH AS RIGHT OF WAY PERMIT(S), EXCAVATION/FILL PERMIT(S), FIRE PROTECTION PERMIT(S), OR UNDERGROUND UTILITY PERMIT(S), PRIOR TO START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MEETING ALL INSPECTION CRITERIA OF APPLICABLE AGENCIES, SCHEDULING OF INSPECTIONS, AND OBTAINING REQUIRED INSPECTIONS FROM AGENCY. 7. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS, ON ALL PRECAST AND MANUFACTURED ITEMS, TO THE OWNER'S ENGINEER FOR REVIEW. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE. 8. ALL UTILITY SERVICE STUB-OUTS (WATER, SANITARY SEWER, etc.) ARE TO BE INSTALLED WITHIN 5' OF BUILDING(S), UNLESS OTHERWISE NOTED ON PLANS. 9. CONTRACTOR TO COORDINATE WITH THE APPLICABLE ELECTRIC UTILITY SUPPLIER REGARDING ANY NECESSARY RELOCATIONS OF UNDERGROUND AND/OR OVERHEAD ELECTRIC FACILITIES, AND FOR THE LOCATION AND INSTALLATION OF TRANSFORMER PAD(S) AND ASSOCIATED ELECTRIC FACILITIES. 10. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN AN R-0-W UTILIZATION PERMIT (IF REQUIRED) FOR CONSTRUCTION OF THE PROPOSED UTILITIES. THIS PERMIT MUST BE OBTAINED BY A DULY LICENSED PLUMBING CONTRACTOR (OR CLASS A GENERAL CONTRACTOR) PRIOR TO THE START OF CONSTRUCTION. THESE PLANS AND ANY SUBSEQUENT REVISIONS TO THESE PLANS, THAT ARE ISSUED BY THE ENGINEER, WILL BE SUBJECT TO THE APPROVAL CONDITIONS OF THIS PERMIT. 11. THE GRAPHIC INFORMATION DEPICTED ON THESE PLANS HAS BEEN COMPILED TO PROPORTION BY SCALE AS ACCURATELY AS POSSIBLE. HOWEVER, DUE TO REPRODUCTIVE DISTORTION, REDUCTION, AND/OR REVISIONS, INFORMATION CONTAINED HEREIN IS NOT INTENDED TO BE SCALED FOR CONSTRUCTION PURPOSES. 12. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED HEREIN SHALL BE OF THE LATEST REVISION. 13. ALL UNDERGROUND UTILITIES MUST BE IN-PLACE, TESTED AND INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION. 14. WORK PERFORMED UNDER THIS CONTRACT SHALL INTERFACE SMOOTHLY WITH ANY OTHER WORK BEING PERFORMED ON SITE BY OTHER CONTRACTORS/SUBCONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE GENERAL CONTRACTOR TO COORDINATE AND SCHEDULE HIS/HER ACTIVITIES ACCORDINGLY. 15. ALL DIMENSIONS ARE TO FACE OF CURB, UNLESS OTHERWISE NOTED. 16. ALL SIGNAGE MUST COMPLY WITH THE LAND DEVELOPMENT CODE OF THE CITY OF APOPKA, FLORIDA. 17. CONTRACTOR IS RESPONSIBLE FOR ALL DEWATERING ACTIVITIES NECESSARY TO PERFORM THE WORK WITHIN THESE PLANS. 18. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION. 19. THE CONTRACTOR SHALL COMPLY WITH THE LEGAL LOAD RESTRICTIONS IN HAULING OF MATERIALS IN PUBLIC ROADS BEYOND THE LIMITS OF WORK. A SPECIAL PERMIT WILL NOT RELIEVE THE CONTRACTOR OF LIABILITY FOR THE DAMAGE WHICH MAY RESULT FROM THE MOVING OF MATERIAL AND EQUIPMENT. 20. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A LICENSED LAND SURVEYOR CURRENTLY REGISTERED IN THE STATE OF FLORIDA. 21. CONTRACTOR IS TO ADJUST ANY UTILITY ELEMENT MEANT TO BE FLUSH WITH GRADE (CLEAN OUT MANHOLES, CATCH BASINS, INLETS, ETC.) THAT IS AFFECTED BY SITE WORK OR GRADE CHANGES, WHETHER SPECIFICALLY NOTED ON PLANS OR NOT. 22. ALL WORK PERFORMED WITHIN THE FDOT RIGHT-OF-WAY SHALL BE IN ACCORDANCE WITH THE 2023-24 EDITIONS OF FDOT STANDARD PLANS, SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE 2017 UTILITY ACCOMMODATION MANUAL.	1. STANDARD INDEXES REFER TO THE LATEST EDITION OF F.D.O.T. "ROADWAY AND TRAFFIC DESIGN STANDARDS." 2. THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE, AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM" IS REFERRED TO FOR THE STRUCTURAL DESIGN OF DRAINAGE STRUCTURES SPECIFIED IN THESE PLANS, AS REFERENCED BY STANDARD INDEX. ALL SPECIALTY DRAINAGE STRUCTURES REQUIRE SEPARATE STRUCTURAL DESIGN, WHICH IS NOT INCLUDED IN THESE PLANS. STATION OFFSETS ARE TO THE CENTERLINE OF THE STRUCTURE TOP (I.E. DITCH BOTTOM INLET OR CURB INLET TOP), AS OPPOSED TO THE STRUCTURE BASE. 3. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS III (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS. ALL DRAINAGE STRUCTURES SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY AND TRAFFIC DESIGN STANDARDS UNLESS OTHERWISE NOTED ON PLANS. 4. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO CENTER OF DRAINAGE STRUCTURES, WITH THE EXCEPTION OF MITERED END AND FLARED END SECTIONS. LENGTHS OF PIPE SHOWN WHICH TERMINATE WITH MITERED END OR FLARED END SECTIONS ARE MEASURED TO THE DOWNSTREAM INVERT OF THE MITERED END OR FLARED END SECTION. 5. ALL DRAINAGE STRUCTURE GRATES AND COVERS, EITHER EXISTING OR PROPOSED, SHALL BE TRAFFIC RATED FOR H-20 LOADINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY NECESSARY UPGRADES TO EXISTING DRAINAGE STRUCTURES. 6. CONSTRUCTION OF THE STORMWATER MANAGEMENT SYSTEM MUST BE COMPLETE AND ALL DISTURBED AREAS STABILIZED IN ACCORDANCE WITH THE PERMITTED PLANS AND CONDITIONS PRIOR TO ANY OF THE FOLLOWING: ISSUANCE OF THE FIRST CERTIFICATE OF OCCUPANCY; INITIATION OF INTENDED USE OF THE INFRASTRUCTURE; OR TRANSFER OF RESPONSIBILITY FOR MAINTENANCE OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY. 7. STORM WATER PIPES, STRUCTURES, MINIMUM COVER, AND INSTALLATION PROCEDURES TO BE IN ACCORDANCE WITH THE LAND DEVELOPMENT CODE OF THE CITY OF APOPKA, FLORIDA. 8. DURING CONSTRUCTION, NO DIRECT DISCHARGE OF WATER TO DOWNSTREAM RECEIVING WATERS WILL BE ALLOWED. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING WATER QUALITY AND SHALL ROUTE DISCHARGE WATER IN SUCH A MANNER AS TO ADEQUATELY REMOVE SILT PRIOR TO RUNOFF FROM THE SITE.	1. ALL PAVING SHALL BE PERFORMED IN ACCORDANCE WITH THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION. 2. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED. 3. CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT. 4. CURBING SHALL BE PLACED AT THE EDGES OF ALL PAVEMENT, UNLESS OTHERWISE NOTED. REFER TO THE LATEST EDITION OF F.D.O.T. "DESIGN STANDARDS" FOR DETAILS AND SPECIFICATIONS OF ALL F.D.O.T. TYPE CURB AND GUTTERS CALLED FOR IN THESE PLANS. 5. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE SOILS ENGINEER FOR APPROVAL. 6. CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (STRUCTURES, OTHER POURED) 7. ALL PAVEMENT MARKINGS SHALL BE MADE IN ACCORDANCE WITH F.D.O.T. DESIGN STANDARDS. 8. THE CONTRACTOR WILL STABILIZE BY SEED AND MULCH, SOD, OR OTHER APPROVED MATERIALS ANY DISTURBED AREAS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE UTILITY SYSTEMS AND PAVEMENT AREAS. CONTRACTOR SHALL MAINTAIN SUCH AREAS UNTIL FINAL ACCEPTANCE BY OWNER. CONTRACTOR TO COORDINATE WITH OWNER REGARDING TYPE OF MATERIAL, LANDSCAPING AND IRRIGATION REQUIREMENTS. 9. THE CONTRACTOR SHALL RESTORE OFF-SITE CONSTRUCTION AREAS TO EQUAL AND/OR BETTER CONDITION THAN EXISTING PRIOR TO START OF CONSTRUCTION. 10. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. 11. SURVEY MONUMENTS OR BENCHMARKS, WHICH HAVE TO BE DISTURBED BY THIS WORK, SHALL BE REPLACED UPON COMPLETION OF WORK BY A REGISTERED LAND SURVEYOR AT CONTRACTORS' EXPENSE. 12. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS. 13. ALL WORK TO BE PERFORMED IN ACCORDANCE WITH ALL LOCAL, STATE AND JURISDICTIONAL PERMITTING AGENCIES. 14. ALL WORK SHALL COMPLY WITH THE GEOTECHNICAL REPORT BY TERRACON. 15. CONTRACTOR SHALL SOD ALL DISTURBED AREAS WITH BAHIA UNLESS OTHERWISE NOTED.
DRAINAGE SYSTEM TESTING AND INSPECTION	1. THE STORM DRAINAGE PIPING SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION. 2. THE CONTRACTOR SHALL MAINTAIN AND PROTECT FROM MUD, DIRT, DEBRIS, ETC. THE STORM DRAINAGE SYSTEM UNTIL FINAL ACCEPTANCE OF THE PROJECT. THE STORM SYSTEM WILL BE REINSPECTED BY THE OWNER'S ENGINEER PRIOR TO APPROVAL FOR CERTIFICATE OF OCCUPANCY PURPOSES. THE CONTRACTOR MAY BE REQUIRED TO RECLEAN PIPES AND INLETS AT THE CONTRACTORS EXPENSE AND PRIOR TO FINAL ACCEPTANCE.	
SAFETY	1. ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT". THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATIONS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS. 2. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS/HER PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF "THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS" SHALL BE FOLLOWED IN THE DESIGN, APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND CONSTRUCTION PERSONNEL FROM HAZARDS WITHIN THE PROJECT LIMITS. CONTRACTOR SHALL PROVIDE FOR THE SAFETY AND CONTROL OF LOCAL TRAFFIC DURING CONSTRUCTION. ADDITIONAL INFORMATION MAY BE REQUIRED IF LANE CLOSURE DURATIONS ARE LONGER THAN DAYTIME OPERATIONS.	
EARTHWORK / GRADING / DEMUCKING PROCEDURES	1. A GEOTECHNICAL ENGINEERING INVESTIGATION REPORT HAS BEEN PREPARED BY TERRACON FOR PURPOSES OF STORM WATER DESIGN, OF WHICH COPIES ARE AVAILABLE THROUGH THE OWNER OR THEIR SOIL TESTING COMPANY. A GEOTECHNICAL ENGINEER SHALL BE RETAINED BY THE CONTRACTOR TO PROVIDE ON-SITE INSPECTIONS DURING EXCAVATION/FILL OPERATIONS AND TESTING OF THE COMPACTED FILL SO THAT PROPER DOCUMENTATION OF THE REQUIRED COMPACTING CRITERIA CAN BE PROVIDED. 2. ALL EXISTING DEBRIS (ABOVE OR BELOW GROUND), CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE BY THE CONTRACTOR, IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS IN A LEGAL MANNER. 3. UNLESS OTHERWISE NOTED, GRADE TO MEET EXISTING ELEVATION AT PROPERTY LINES. FINAL GRADES SHOWN INCLUDE SOD HEIGHT. PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADES, UNLESS OTHERWISE NOTED. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. CONTRACTOR TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES. ALL AREAS SHALL BE GRADED TO DRAIN AWAY FROM THE BUILDINGS. 4. ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MUCK, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED AND REPLACED WITH SUITABLE/COMPACTED SOILS, AS DIRECTED BY THE OWNER OR THEIR SOILS TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE. 5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED. 6. ALL NECESSARY FILL AND EMBANKMENT THAT IS PLACED DURING CONSTRUCTION SHALL CONSIST OF MATERIAL SPECIFIED BY THE OWNER'S SOILS TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS. 7. THE CONTRACTOR SHALL INSURE THAT PROPER SOIL DENSITIES ARE ACHIEVED FOR PLACEMENT OF ALL HEADWALL/ENDWALL FOOTINGS, RETAINING WALL FOOTINGS, AND IN GENERAL, ANY FOOTING SUPPORT DESCRIBED ON THESE PLANS. IT WILL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SUFFICIENT SOILS TESTING HAS BEEN PERFORMED PRIOR TO FINAL INSTALLATION OF IMPROVEMENTS. 8. ANY UNSUITABLE ORGANIC SOIL SHALL BE EXCAVATED TO A MINIMUM MARGIN OF 6 FEET BEYOND ITS PERIPHERY EXCAVATED TO EXPOSE THE UNDERLYING NON-ORGANIC FINE SAND. 9. IF DETERMINED NECESSARY, DEWATERING DURING EXCAVATING/BACKFILLING OPERATIONS MAY BE ACCOMPLISHED BY DITCHING AND THE USE OF SUMP PUMPS AND/OR OTHER METHODS (WELL POINTS), AS NECESSARY. CONTRACTOR TO OBTAIN ALL REQUIRED PERMITS FOR DEWATERING ACTIVITIES THAT MAY BE REQUIRED. 10. UPON APPROVAL OF THE GEOTECHNICAL ENGINEER, THE EXCAVATED AREAS MAY BE BACKFILLED WITH CLEAN FINE SAND FREE OF UNSUITABLE OR DELETERIOUS MATERIAL. HOWEVER, THE FILL SHOULD NOT BE PLACED IN MORE THAN 6 INCHES OF STANDING WATER. ONCE THE FILL IS AT LEAST 2 FEET ABOVE THE DEWATERED LEVEL, BACKFILLING MAY PROCEED AS DIRECTED BY THE GEOTECHNICAL ENGINEER.	
TREES AND VEGETATION	1. THE CONTRACTOR IS TO MINIMIZE THE REMOVAL OF VEGETATION TO THE GREATEST EXTENT PRACTICAL. SEE DEMOLITION PLAN FOR TREES TO BE REMOVED. TREES IN CLOSE PROXIMITY TO CONSTRUCTION SHALL BE PROTECTED BY WOOD FENCING PER DETAIL ON SHEET C2.1. 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE BUFFERS AND RETENTION AND DETENTION FACILITIES UNTIL THE WORK HAS BEEN ACCEPTED BY THE OWNER. ALL DISTURBED AREAS SHALL BE RETURNED TO THEIR ORIGINAL CONDITION.	
DEMOLITION	1. CONTRACTOR SHALL SUBMIT DEMOLITION SCHEDULE TO OWNER PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITIES. 2. EXTENT OF SITE CLEARING IS SHOWN ON DRAWINGS. 3. CONTRACTOR SHALL CONDUCT SITE DEMOLITION OPERATIONS TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT CLOSE OR OBSTRUCT STREETS, WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT PERMISSION FROM AUTHORITIES HAVING JURISDICTION. 4. CONTRACTOR SHALL PROVIDE PROTECTION NECESSARY TO PREVENT DAMAGE TO EXISTING IMPROVEMENTS INDICATED ON PLAN "EXISTING TO REMAIN". 5. CONTRACTOR SHALL RESTORE DAMAGED IMPROVEMENTS TO THEIR ORIGINAL CONDITION, AS ACCEPTABLE TO PARTIES HAVING JURISDICTION. 6. CONTRACTOR SHALL REMOVE WASTE MATERIALS AND UNSUITABLE AND EXCESS TOPSOIL FROM PROPERTY AND DISPOSE OF OFF-SITE IN A LEGAL MANNER. 7. CONTRACTOR SHALL DEMOLISH AND COMPLETELY REMOVE FROM SITE MATERIAL INDICATED ON PLAN OR NOTES "TO BE REMOVED". 8. CONTRACTOR SHALL PROTECT STRUCTURES, UTILITIES, SIDEWALKS, PAVEMENTS, AND OTHER FACILITIES FROM DAMAGE CAUSED BY SETTLEMENT, LATERAL MOVEMENT, UNDERMINING, WASHOUT AND OTHER HAZARDS CREATED BY THE DEMOLITION OPERATION.	

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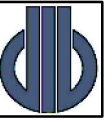
2500 WINDY RIDGE PARKWAY, SE
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Kimley»Horn

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PHONE: 407-858-1511
WWW.KHKE-E-HORN.COM

PROJECT

FLOOR&DECOR

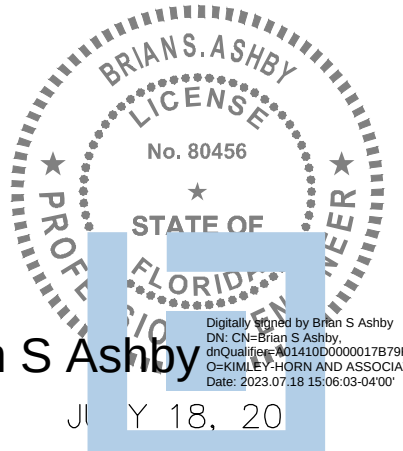
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL &
LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: 1 F.B.D.
GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

ISSUE

SEAL



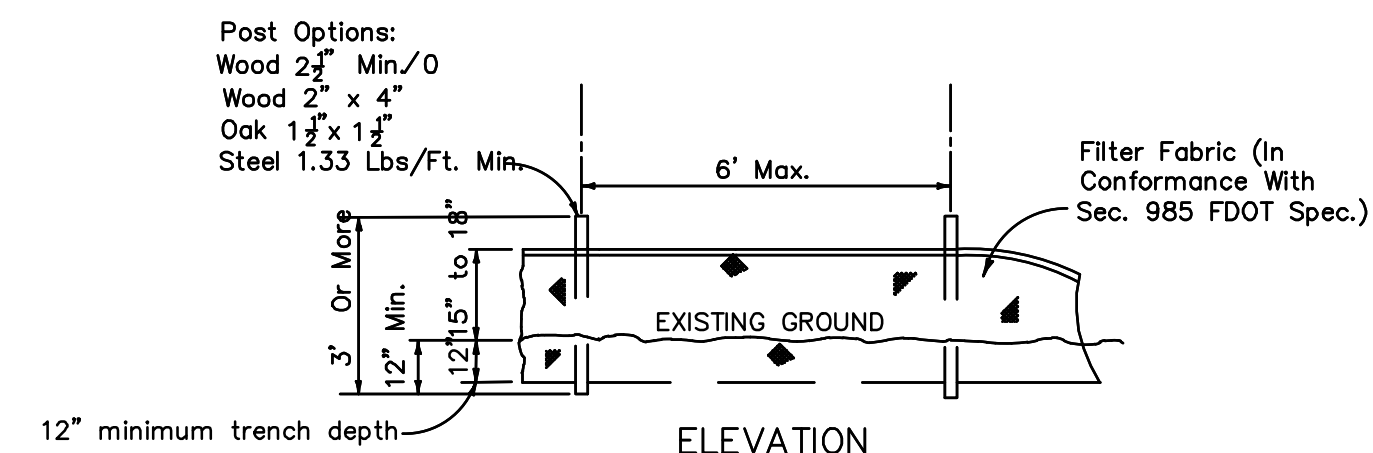
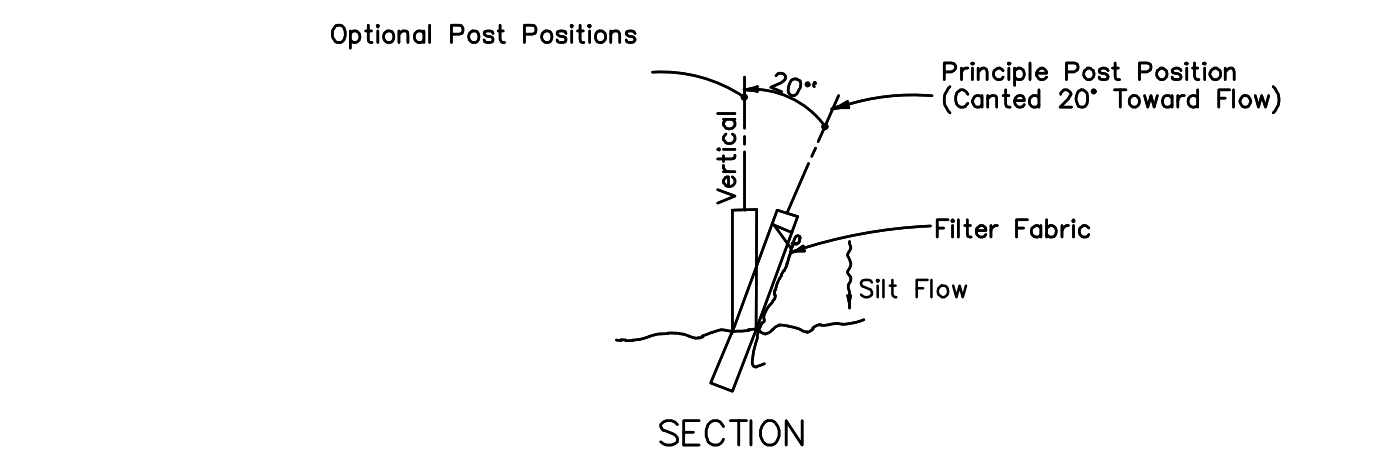
Brian S Ashby

SHEET

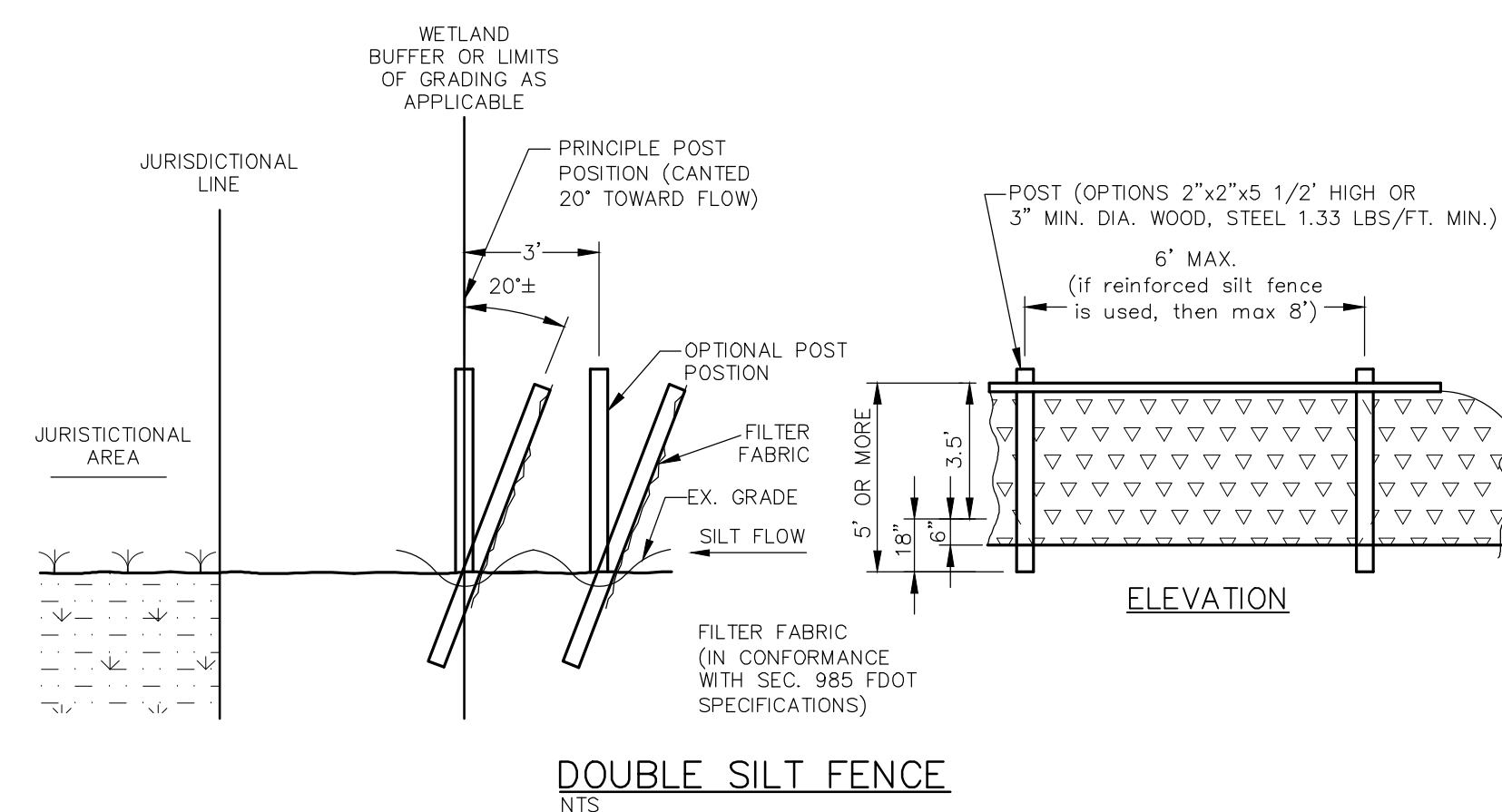
GENERAL NOTES

DRAWN: BLJW
CHECKED: BSA

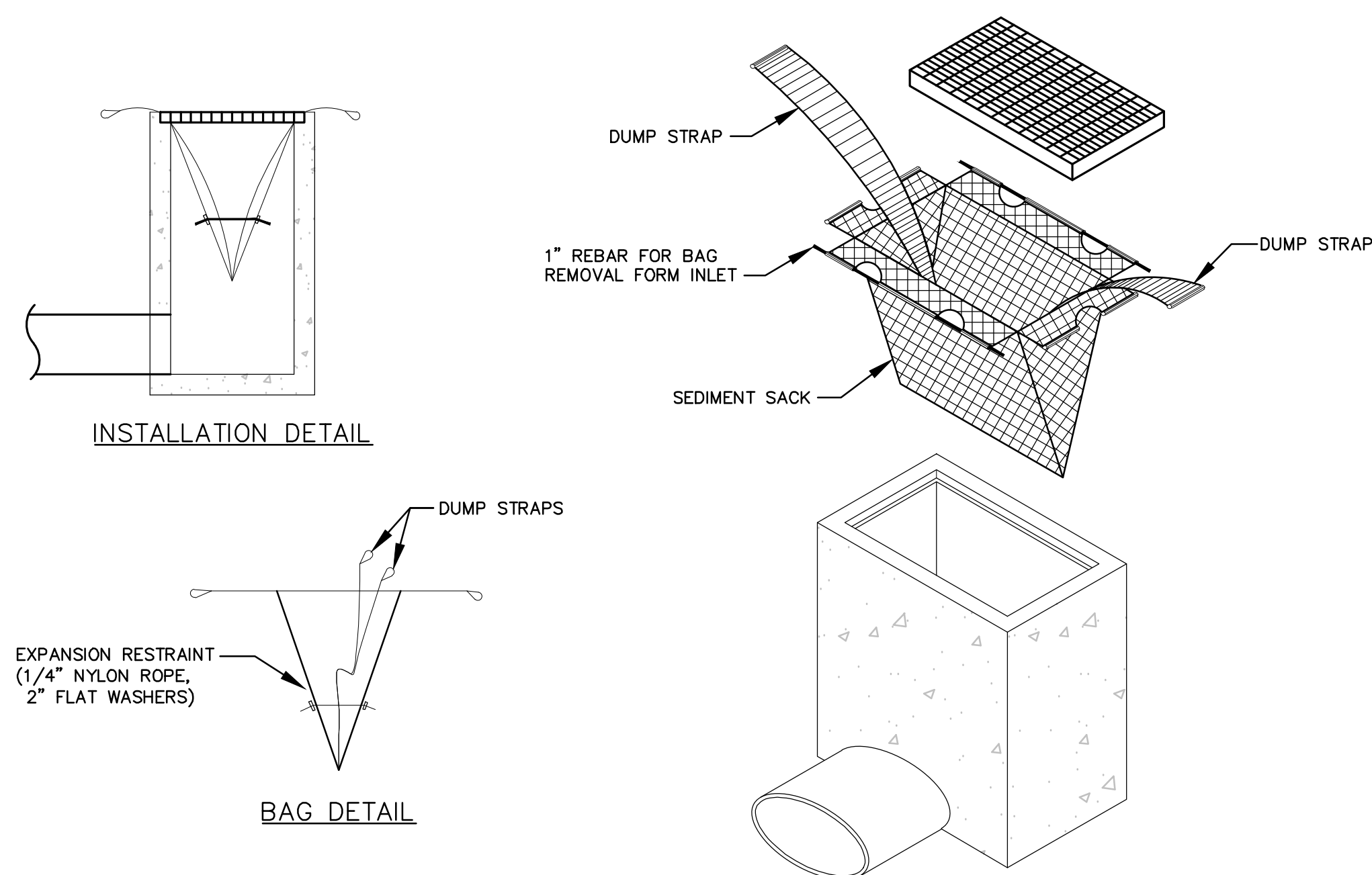
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TYPE III SILT FENCE

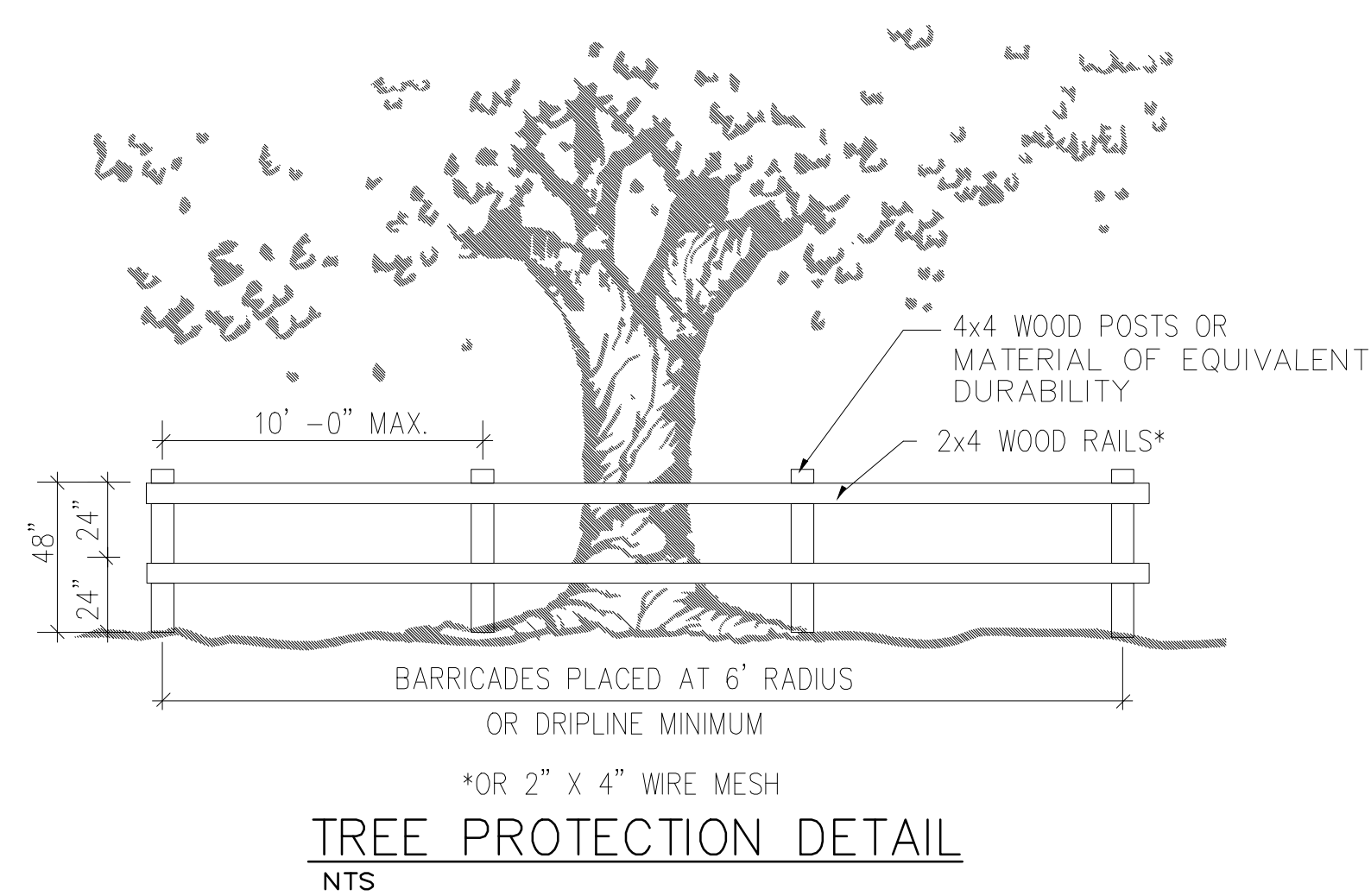


DOUBLE SILT FENCE
NTS

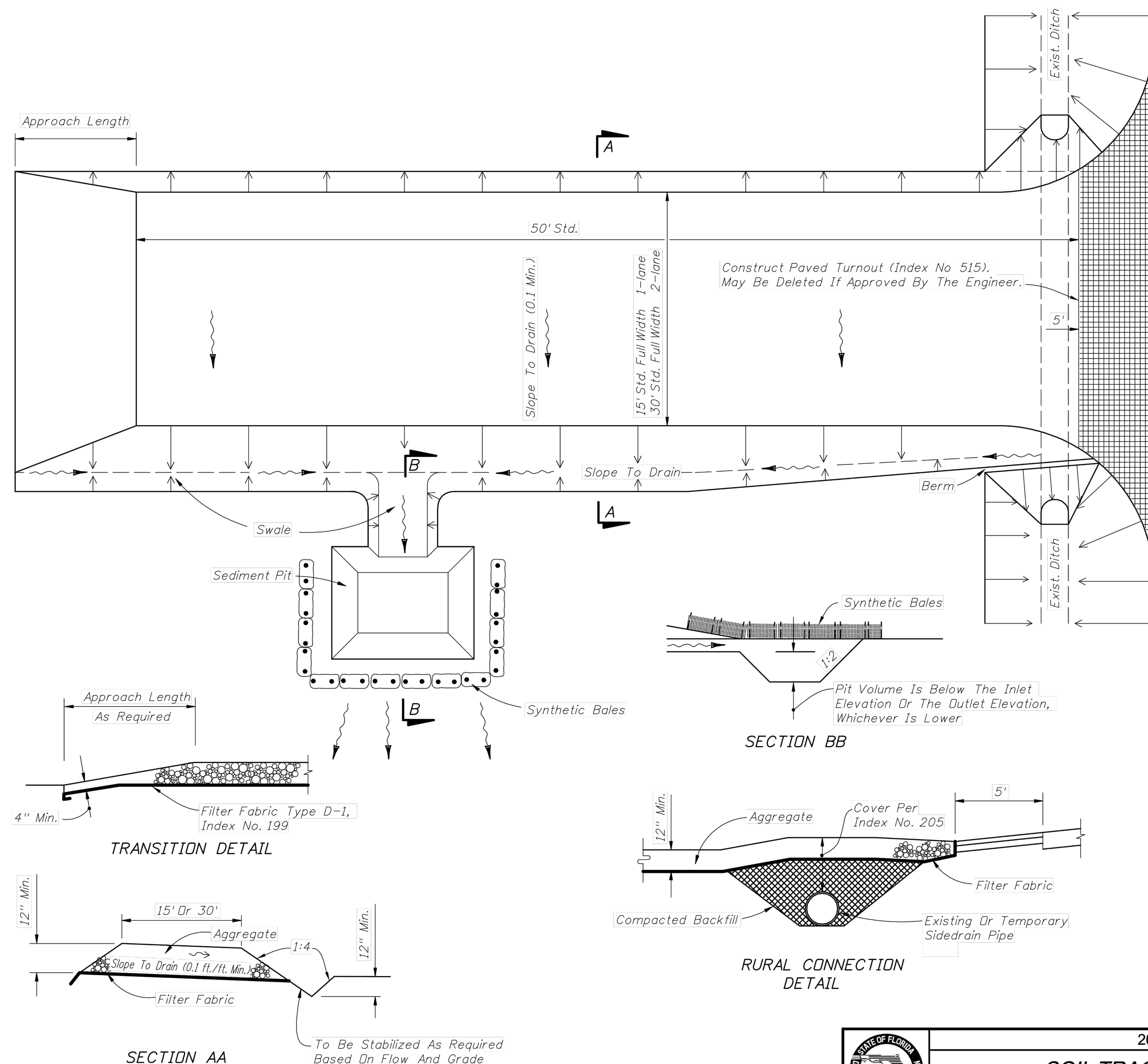


INSTALLATION DETAIL

BAG DETAIL

STANDARD INLET SEDIMENT CONTROL DEVICE
NTS

TREE PROTECTION DETAIL
NTS

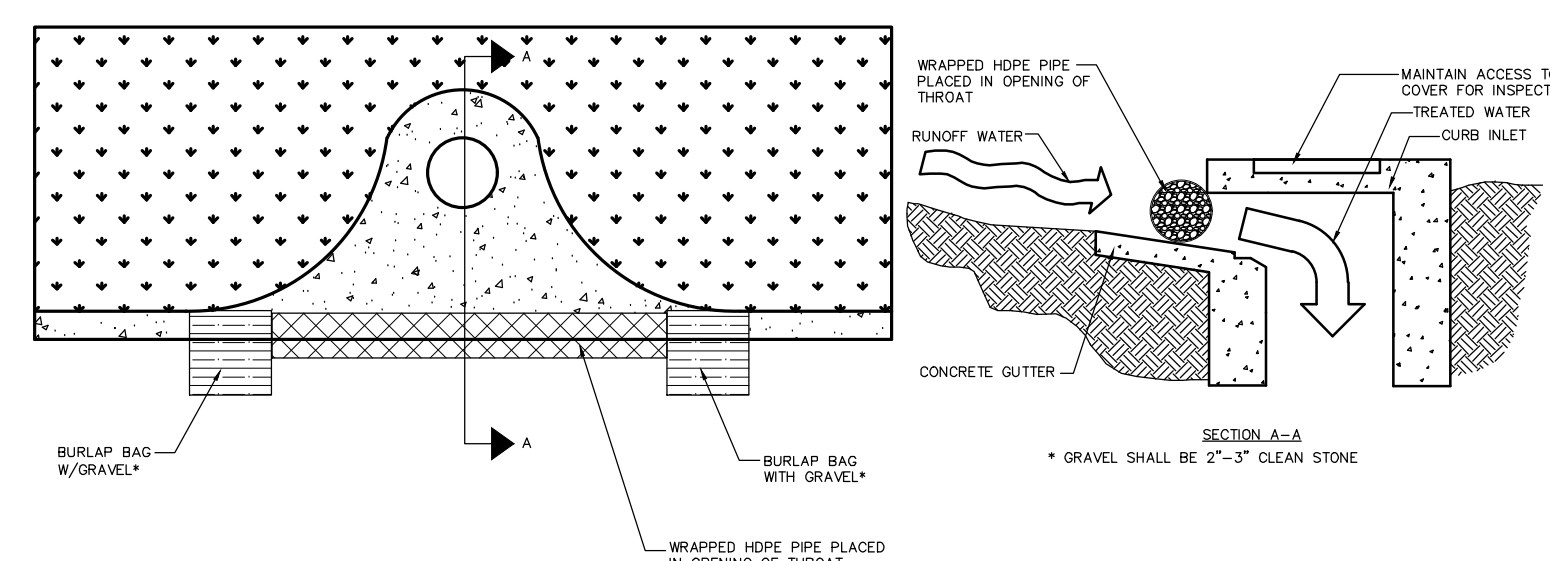


TRANSITION DETAIL

SECTION AA

SECTION BE

RURAL CONNECTION
DETAIL

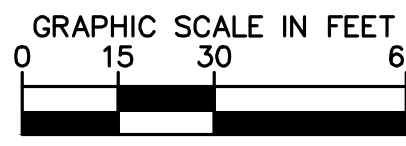
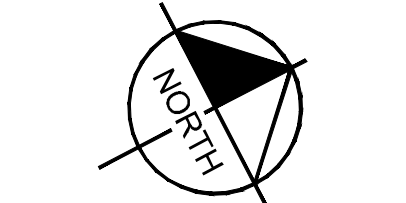


SOCK DRAIN INLET SEDIMENT FILTER

NOTE: THE PERFORATED PIPE MUST EXTEND AT LEAST 1' BEYOND THE CURB OPENING ON EACH SIDE AND BE ANCHORED WITH GRAVEL BAGS, OR SIMILAR, ON EACH END. A SPACER MUST BE PROVIDED FOR BETWEEN THE INLET OPENING AND THE PIPE TO ALLOW FOR OVERFLOW, PREVENT FLOODING AND TO PREVENT THE PIPE FROM FALLING INTO THE INLET.

- ## GENERAL NOTES
1. A Soil Tracking Prevention Device (STPD) shall be constructed at locations designated by the Engineer for points of egress from unstabilized areas of the project to public roads where off-site tracking of mud could occur. Traffic from unstabilized areas of the construction project shall be directed thru a STPD. Barriers, flagging, or other positive means shall be used as required to limit and direct vehicular egress across the STPD.
 2. The Contractor may propose an alternative technique to minimize off-site tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.
 3. All materials spilled, dropped, or tracked onto public roads (including the STPD aggregate and construction mud) shall be removed daily, or more frequently if so directed by the Engineer.
 4. Aggregates shall be as described in Section 901 excluding 901-2.3. Aggregates shall be FDOT size #1. If this size is not available, the next available smaller size aggregate may be substituted with the approval of the Engineer. Sizes containing excessive small aggregate will track off the project and are unsuitable.
 5. The sediment pit should provide a retention volume of 3600 cubic feet/acre of surface area draining to the pit.
When the STPD is isolated from other drainage areas, the following pit volumes will satisfy this requirement:
 $15' \times 50' = 100 \text{ ft}^3$ $30' \times 50' = 200 \text{ ft}^3$
As an option to the sediment pit, the depth of the swale bottom can be increased to obtain the volume. When the sediment pit or swale volume has been reduced to one half, it shall be cleaned. When a swale is used, synthetic bales or silt fence shall be placed along the entire length.
 6. The swale ditch draining the STPD shall have a 0.02% minimum and a 1.0% maximum grade along the STPD and to the sediment pit.
 7. Mitered end sections are not required when the sidedrain pipe satisfies the clear zone requirements.
 8. The STPD shall be maintained in a condition that will allow it to perform its function. To prevent off-site tracking, the STPD shall be rinsed (daily when in use) to move accumulated mud downward thru the stone. Additional stabilization of the vehicular route leading to the STPD may be required to limit the mud tracked.
 9. A STPD shall be paid for under the contract unit price for Soil Tracking Prevention Device, EA. The unit price shall constitute full compensation for construction, maintenance, replacement of materials, removal, and restoration of the area utilized for the STPD; including but not limited to excavation, grading, temporary pipe (including MES when required), filter fabric, aggregate, padding, including asphalt and base construction), ditch stabilization, approach route stabilization, sediment removal and disposal, water, rinsing and cleaning of the STPD and cleaning of public roads, grassing and sod. Synthetic Bale or Bale Type Barrier shall be paid for under the contract unit price for Synthetic Bales, LF. Silt Fence shall be paid for under the contract unit price for Staked Silt Fence, LF.
 10. The nominal size of a standard STPD is 15' x 50' unless otherwise shown in the plans. If the volume of entering and existing vehicles warrants, 30' width STPD may be used if approved by the Engineer. For a double width (30') STPD is used, the pay quantity shall be 2 for each location.

	2010 FDOT Design Standards	Last Revision 07/01/07	Sheet No. 1 of 1
	<i>SOIL TRACKING PREVENTION DEVICE</i> <i>TYPE A</i>	Index No. 106	



LEGEND

- EXISTING ASPHALT/CONCRETE/CURB TO BE REMOVED
- SOIL TRACKING PREVENTION DEVICE
- AREA TO BE CLEARED AND GRUBBED. EXISTING SITE FEATURES TO BE REMOVED OR DEMOLISHED UNLESS OTHERWISE NOTED. REFER TO THE LANDSCAPE PLAN FOR TREE REMOVAL AND PROTECTION
- PROPERTY LINE
- SILT FENCE
- BUILDING DEMO
- EXISTING STORM PIPE
- EXISTING WATER LINE
- EXISTING RECLAIM WATER LINE
- EXISTING OVERHEAD UTILITIES TO BE REMOVED
- EXISTING FENCE
- EXISTING FENCE TO BE REMOVED
- EXISTING GAS LINE
- GAS LINE TO BE REMOVED
- EXISTING COMMUNICATIONS LINE
- INLET PROTECTION
- BENCHMARK
- GEOTECH BORING

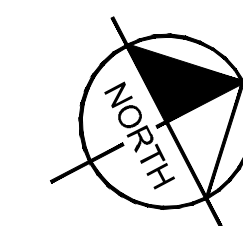
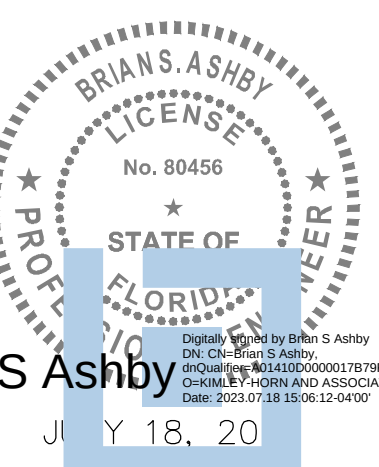
NOTES

- CONTRACTOR TO COORDINATE WITH UTILITY COMPANY FOR DEMOLITION REQUIREMENTS OF ELECTRICAL SYSTEMS.
- CONTRACTOR SHALL UTILIZE BEST MANAGEMENT PRACTICES AS NEEDED TO PREVENT SYSTEM POLLUTION, EROSION, AND MANAGEMENT OF OFF-SITE DRAINAGE DURING TIME OF CONSTRUCTION.
- REFER TO SPMPP SHEET C2.0 FOR ADDITIONAL NOTES AND DETAILS.
- INSTALL AND MAINTAIN SILT FENCE AT LIMITS OF CONSTRUCTION. WIRE MESH REINFORCED SILT FENCE SHALL BE USED AT ALL POINTS ALONG PROPERTY BOUNDARY WITH OFF-SITE STORMWATER FLOWS. SEE DETAIL SHEET C2.1. IN THE EVENT THAT ADDITIONAL STRENGTH IS NEEDED, FILTER FABRIC MATERIAL CAN BE ATTACHED TO A 4-INCH (MAX) MESH WIRE SCREEN WHICH HAS BEEN FASTENED TO THE POSTS.
- PROVIDE SOIL TRACKING PREVENTION DEVICE AT ALL CONSTRUCTION ACCESS POINTS. SEE DETAIL SHEET C2.1.
- UTILIZE PERFORATED SOCK DRAIN (OR EQUIVALENT) IN FRONT OF EXISTING/PROPOSED CURB INLETS ADJACENT TO CONSTRUCTION ACTIVITIES. SEE DETAIL SHEET C2.1.
- INSTALL AND MAINTAIN FILTER FABRIC UNDER GRATES OF EXISTING/PROPOSED INLETS. SEE SHEET C2.1.
- CONTRACTOR TO ENSURE ADEQUATE COVER REMAINS OVER ALL EXISTING UTILITIES.
- CONTRACTOR TO VERIFY EXISTING COVER OVER ALL UTILITIES BEFORE START OF CONSTRUCTION AND TO COORDINATE WITH THE ENGINEER OF RECORD PRIOR TO START OF CONSTRUCTION IF DESIGN DOES NOT PROVIDE 36" COVER.
- ANY EXISTING WELLS (I.E. ARTESIAN, IRRIGATION, DRINKING, MONITORING, ETC.) DISCOVERED ON-SITE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN A MANNER APPROVED BY ALL APPLICABLE JURISDICTIONAL AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY WELL ABANDONMENT PERMITS REQUIRED. ANY WELL DISCOVERED DURING EARTHWORK OR EXCAVATION SHALL BE REPORTED TO THE APPROPRIATE JURISDICTIONAL AGENCIES, OWNER, AND OWNER'S ENGINEER WITHIN 24 HOURS AFTER DISCOVERY IS MADE.
- THERE MAY BE ON-SITE UNDERGROUND UTILITIES (INCLUDING BUT NOT LIMITED TO IRRIGATION, SANITARY SEWER, POTABLE WATER LINES, NATURAL GAS LINES, ELECTRIC, TELEPHONE AND CABLE LINES) THAT WERE NOT LOCATED OR IDENTIFIED BY THE PROJECT SURVEYOR. PRIOR TO CONSTRUCTION START, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ON-SITE UTILITIES AND RIGHT-OF-WAY UTILITIES.
- IF ANY SEPTIC TANKS OR DRAIN FIELDS ARE FOUND, CONTRACTOR SHALL FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR REMOVAL.
- IF EXISTING UTILITIES ARE DISCOVERED THAT ARE NOT IDENTIFIED BY THE CONSTRUCTION DOCUMENTS, AND WILL BE IMPACTED BY CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY PRIOR TO PROCEEDING WITH CONSTRUCTION.
- CONTRACTOR TO MAINTAIN EXISTING OFF-SITE AND ON-SITE DRAINAGE PATTERNS THROUGHOUT CONSTRUCTION.
- LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE EXISTING UTILITY INFORMATION SHOWN IS BASED ON THE TOPOGRAPHIC SURVEY PROVIDED BY LEADING EDGE LAND SERVICES, INC. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS AREA PRIOR TO CONSTRUCTION WORK.
- SURVEYOR: KEFFERY D. HOPKINS
FL REGISTRATION NUMBER: 6810
DATE OF SURVEY: JANUARY 6, 2023
- ELEVATIONS SHOWN ON THIS PLAN ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM 88 (NAVD 88), BASED ON THE FOLLOWING BENCHMARK:
SITE BENCHMARK NUMBER: "1" NAIL AND DISK IN NORTH EAST CORNER OF PROPERTY ON CONCRETE SIDEWALK ± 55 FT SOUTH OF CENTERLINE OF ORANGE BLOSSOM TRAIL ± 45 FT WEST OF THE CENTERLINE OF LAKE VIEW DRIVE.
ELEVATION = 102.20
- THERE MAY BE AN ON-SITE SEPTIC SYSTEM. CONTRACTOR IS TO FOLLOW ALL LOCAL, STATE, AND FEDERAL REGULATIONS FOR THE ABANDONMENT AND REMOVAL OF THE SEPTIC SYSTEM.
- CONTRACTOR TO FOLLOW ALL LOCAL, STATE, AND FEDERAL CODE REQUIREMENTS FOR THE REMOVAL OF ANY SEPTIC TANKS AND/OR DRAIN FIELDS IF THEY ARE FOUND ON SITE AT THE TIME OF CONSTRUCTION.

Always call 811 two full business days before you dig to have underground utilities located and marked.

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GRAPHIC SCALE IN FEET
0 15 30 60

LEGEND

- PROPERTY LINE
- ROAD DEDICATION
- BUILDING SETBACKS
- LANDSCAPE BUFFER
- ACCESS EASEMENT
- PROPOSED STEM WALL
- PARKING COUNT
- LIGHTS AND LIGHT POLE
(SHOWN FOR COORDINATION PURPOSES ONLY)

SITE DATA

TOTAL AREA: 5.72 ACRES
EXISTING ZONING: I/L
EXISTING LAND USE: INDUSTRIAL
PROPOSED BUILDING AREA: 77,901 SF

F.A.R. CALCULATION:

MAX FAR: 0.60
PROPOSED FAR: 0.31

BUILDING CRITERIA:

MAX BUILDING HEIGHT: 45 FT
PROPOSED BUILDING HEIGHT: 32 FT

BUILDING SETBACKS

NORTH PROPERTY LINE: 10 FT
EAST PROPERTY LINE: 15 FT
SOUTH PROPERTY LINE: 15 FT
WEST PROPERTY LINE: 10 FT

LANDSCAPE BUFFERS

NORTH PROPERTY LINE: 15 FT MIN.
EAST PROPERTY LINE: 15 FT MIN.
SOUTH PROPERTY LINE: 15 FT MIN.
WEST PROPERTY LINE: 15 FT MIN.

REQUIRED PARKING

REQUIRED PARKING: 70 SPACES (0.89 SPACES/1000 SF)
(PER ALTERNATIVE PARKING ANALYSIS)

PROVIDED PARKING

STANDARD SPACES (9'X18'): 114 SPACES
ADA SPACES (12'X18'): 6 SPACES
TOTAL SPACES PROVIDED: 120 SPACES

REQUIRED BICYCLE PARKING

1 SPACE PER 1000 SF: 8 SPACES
PROVIDED SPACES: 8 SPACES

OVERALL IMPERVIOUS AREA:

BUILDING AREA: 1.79 AC
PAVEMENT/CONCRETE AREA: 2.30 AC
TOTAL IMPERVIOUS AREA: 4.09 AC (72 %)

OPEN SPACE:

MINIMUM REQUIRED OPEN SPACE CALCULATION
5.72 AC X 5.5% = 0.29 AC

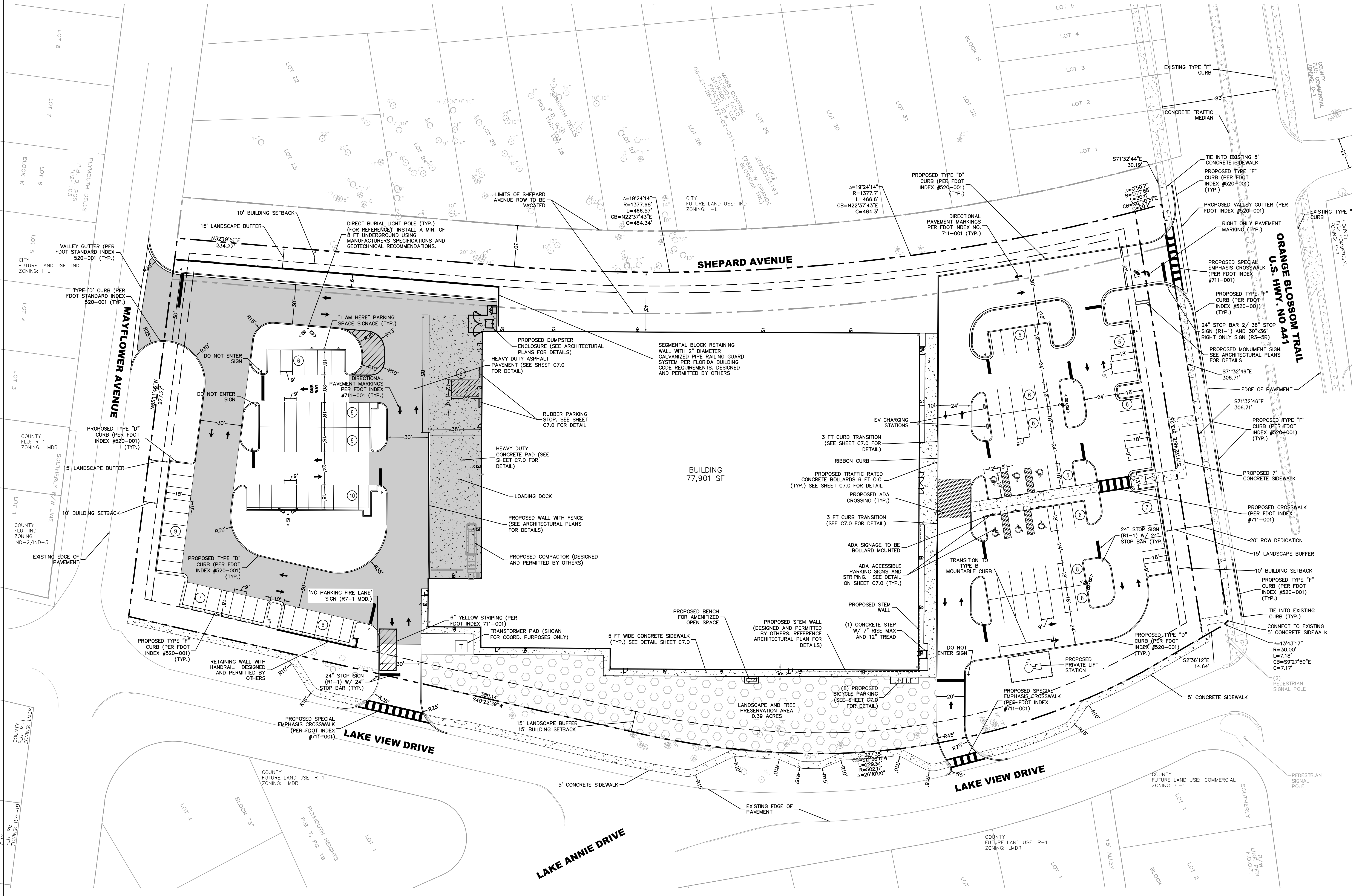
PROVIDED OPEN SPACE: 0.39 AC (6.82%) - LANDSCAPE AND TREE PRESERVATION AREA

GENERAL NOTES:

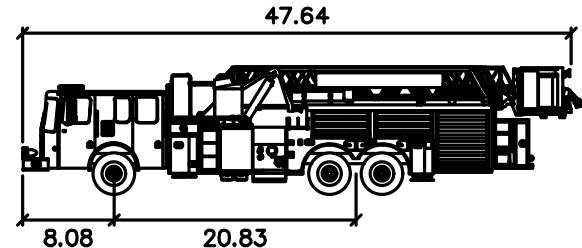
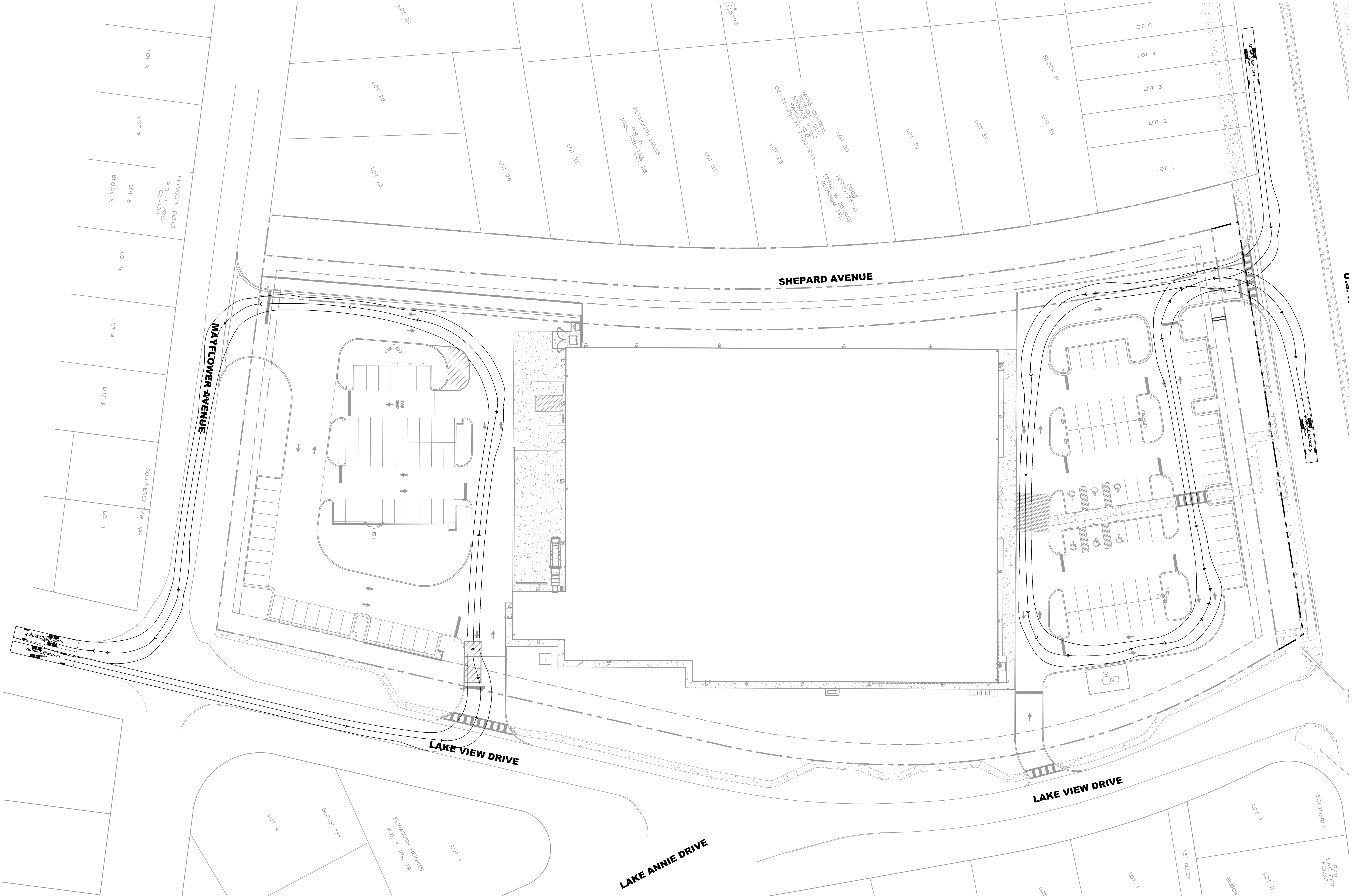
- ALL RADI ARE TO BE 3' OR 10' UNLESS OTHERWISE NOTED.
- ALL MEASUREMENTS TO FACE OF CURB UNLESS OTHERWISE NOTED.

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have underground utilities located and marked.

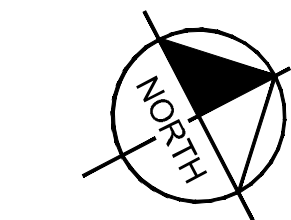
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Plotted By:McKissom, Scott Sheet Set:FLOORS AND DECOR APOPKA Layout:C4.1 TRUCK ROUTING July 18, 2023 11:18:53am K:\DRL\Civil\249257001-Floor & Decor Apopka\CADD\CONST\PlanSheets\C4.0 SITE PLAN.dwg



Apopka Platform
feet
Width : 8.33
Track : 7.92
Lock to Lock Time : 6.0
Steering Angle : 45.0



GRAPHIC SCALE IN FEET
0 15 30 60



2500 WINDY RIDGE
PARKWAY, SE
ATLANTA, GA 30339



SBLM Architectural
33 Walt Whitman Road, Suite 300A
Huntington Station, NY 11746
Telephone 631 683 5588
Fax 631 683 5591



A.V. SCHWAN & ASSOC.
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PROJECT

FLOOR & DECOR

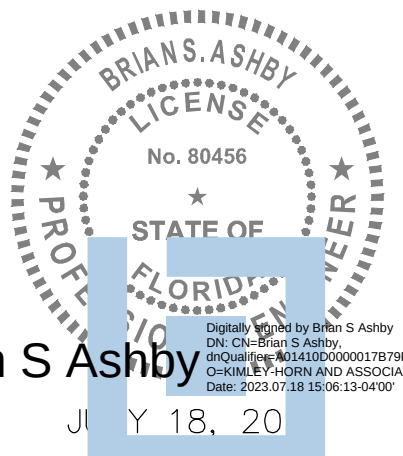
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL &
LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

ISSUE

SEAL



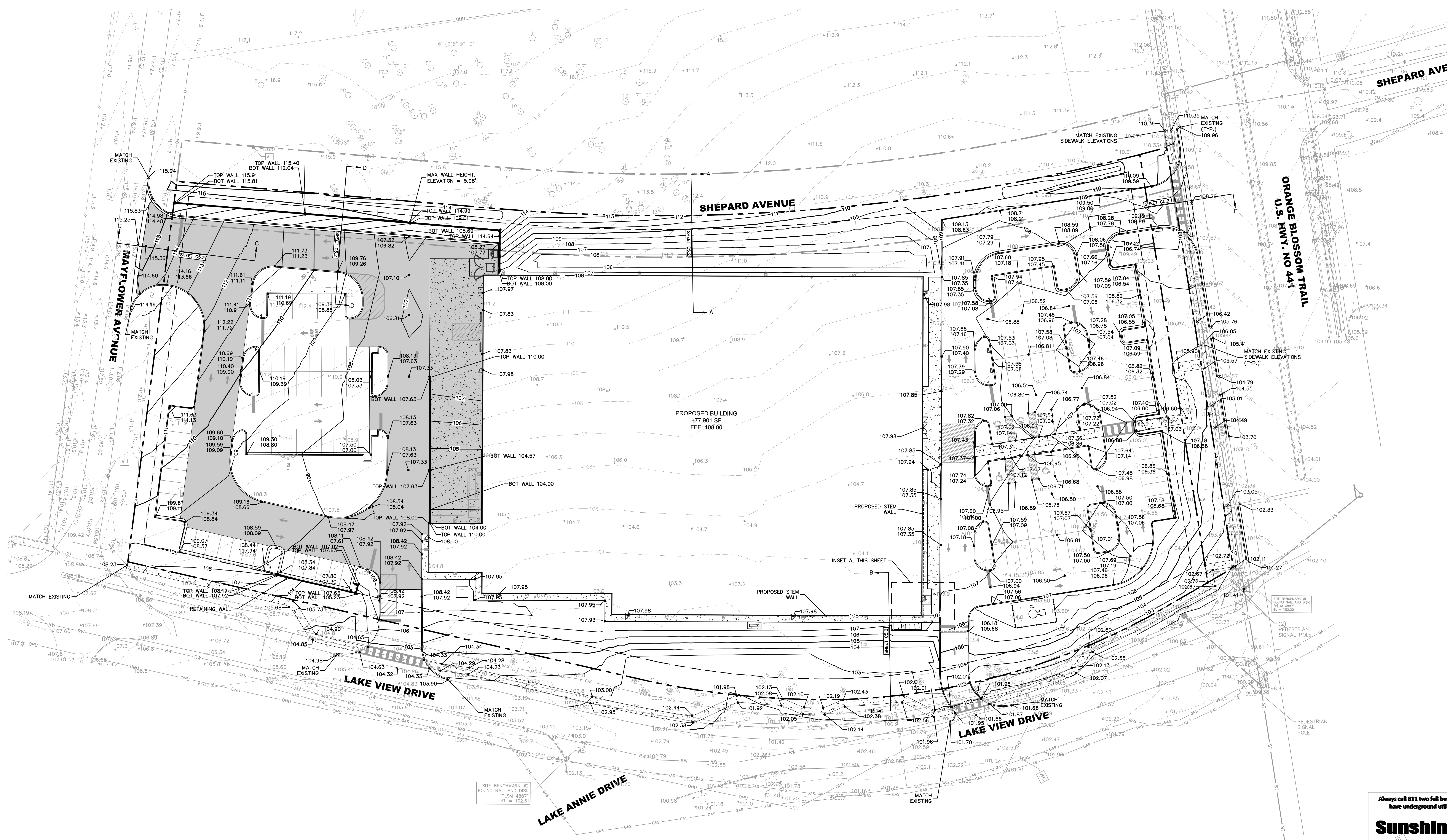
SHEET
TRUCK ROUTING
PLAN

DRAWN: BJW
CHECKED: BSA

Always call 811 two full business days before you dig to
have underground utilities located and marked.

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C4.1

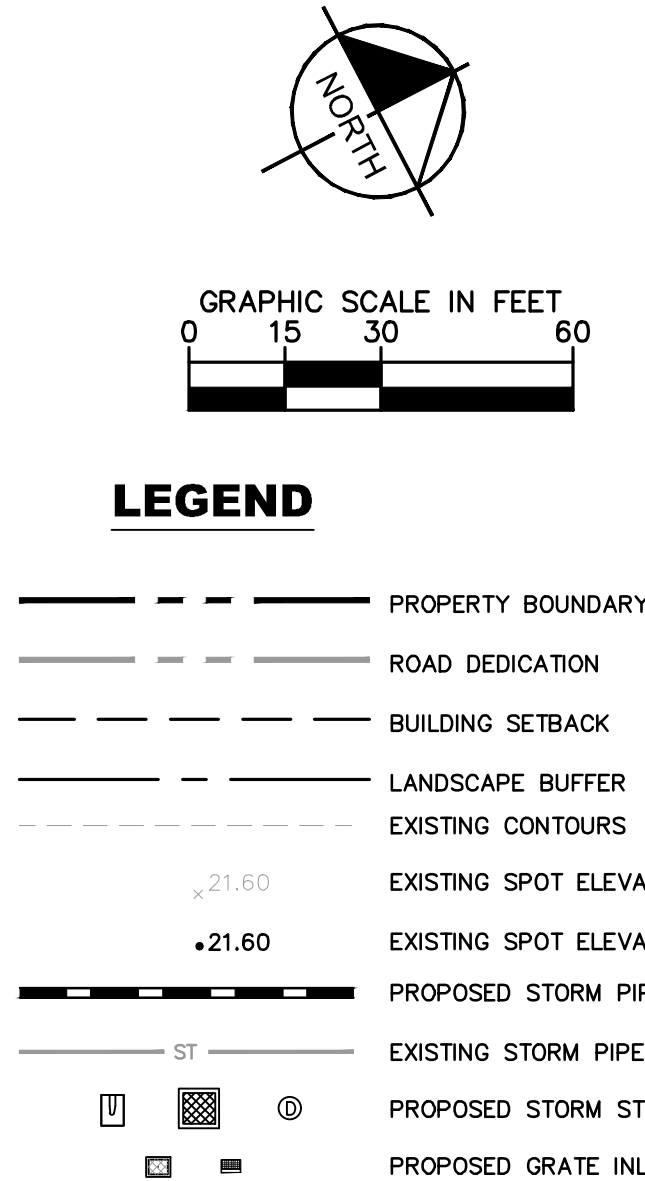
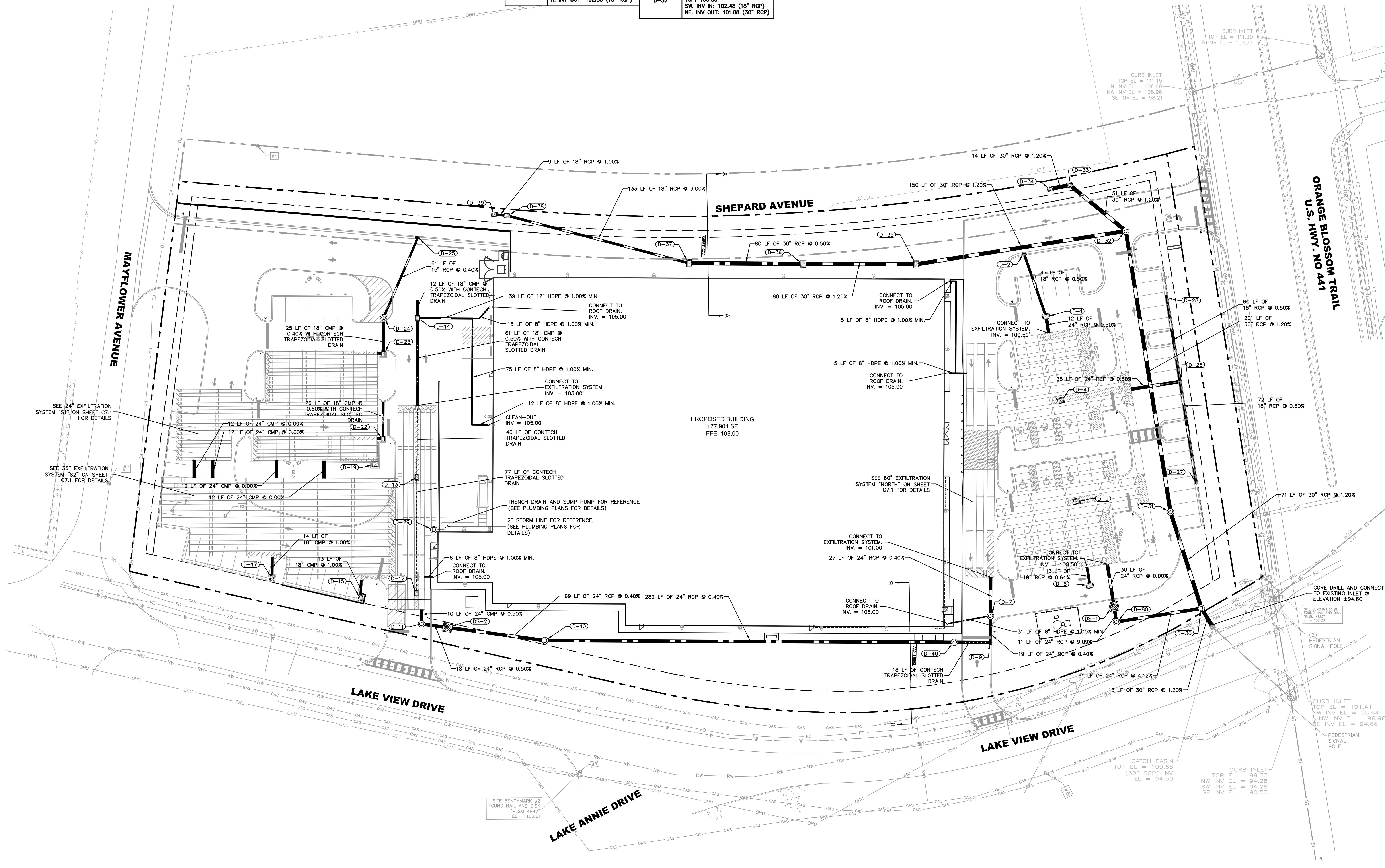
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Always call 811 two full business days before you dig to have underground utilities located and marked.

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Plotted By:McKissam, Scott Sheet Set:Floor and Decor Apopka Layout:CS-1 DRAINAGE PLAN July 18, 2023 10:17:41am K:\DRL_Civil\244257001-Floor & Decor Apopka\CADD\CONSTR\PlanSheets\CS-0 PAVING AND GRADING PLAN.dwg

STORM STRUCTURE TABLE		STORM STRUCTURE TABLE		STORM STRUCTURE TABLE		STORM STRUCTURE TABLE	
STRUCTURE NAME:	DETAILS:	STRUCTURE NAME:	DETAILS:	STRUCTURE NAME:	DETAILS:	STRUCTURE NAME:	DETAILS:
D-1	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 106.52 W. INV IN: 100.56 (18" RCP) E. INV OUT: 100.56 (24" RCP)	D-13	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.33 NE. INV IN: 103.75 (12" HDPE) NW. INV IN: 103.31 (18" RCP) SE. INV OUT: 103.31 (18" RCP)	D-28	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 106.33 E. INV OUT: 102.47 (18" RCP)	D-38	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 113.36 SW. INV IN: 106.47 (18" RCP) NE. INV OUT: 106.47 (18" RCP)
D-2	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 107.33 E. INV OUT: 100.79 (18" RCP)	D-14	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 106.81 NE. INV IN: 103.75 (12" HDPE) NW. INV IN: 103.31 (18" RCP) SE. INV OUT: 103.31 (18" RCP)	D-29	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 107.84	D-39	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 113.41 NE. INV OUT: 106.56 (18" RCP)
D-4	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 106.51	D-15	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.44 NW. INV OUT: 103.12 (18" CMP)	D-30	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 103.03 W. INV IN: 94.66 (30" RCP) S. INV IN: 95.50 (24" RCP) E. INV OUT: 94.66 (30" RCP)	D-40	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.80 SW. INV IN: 100.79 (24" RCP) NE. INV OUT: 100.79 (24" RCP)
D-5	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 106.50	D-17	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.95 NW. INV OUT: 103.14 (18" CMP)	D-31	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.74 W. INV IN: 95.52 (30" RCP) E. INV OUT: 95.52 (30" RCP)	D-80	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 105.55 W. INV IN: 96.00 (24" RCP) NE. INV OUT: 96.00 (24" RCP)
D-6	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 106.50 W. INV OUT: 102.79 (18" RCP)	D-22	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.71 NW. INV IN: 104.00 (18" RCP) SW. INV IN: 102.54 (18" RCP)	D-32	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.52 S. INV IN: 97.92 (30" RCP) E. INV OUT: 97.92 (30" RCP)	DS-1	DIVERSION STRUCTURE TOP: 106.83 W. INV IN: 100.50 (24" RCP) E. INV OUT: 99.00 (24" RCP)
D-7	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.56 SE. INV IN: 100.61 (24" RCP) S. INV IN: 104.25 (8" HDPE) NW. INV OUT: 100.61 (24" RCP)	D-23	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.66 NW. INV IN: 104.00 (18" RCP) SW. INV IN: 102.54 (18" RCP)	D-33	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 106.52 S. INV IN: 98.54 (30" RCP) NE. INV OUT: 98.54 (30" RCP)	DS-2	DIVERSION STRUCTURE TOP: 107.47 SW. INV IN: 102.86 (24" RCP) NE. INV OUT: 102.22 (24" RCP)
D-9	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 106.69 SW. INV IN: 100.68 (24" RCP) NW. INV OUT: 100.68 (24" RCP)	D-24	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 107.81 NW. INV IN: 104.10 (18" RCP) SE. INV OUT: 104.10 (18" RCP)	D-34	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 108.33 N. INV OUT: 98.71 (30" RCP)		
D-10	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.74 SW. INV IN: 101.94 (24" RCP) NE. INV OUT: 101.94 (24" RCP)	D-25	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 106.83 SE. INV OUT: 104.35 (18" RCP)	D-35	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 105.50 SW. INV IN: 99.72 (30" RCP) N. INV OUT: 99.72 (30" RCP)		
D-11	TYPE "D" INLET PER FDOT INDEX #425-010 TOP: 106.96 NW. INV IN: 102.95 (24" RCP) NE. INV OUT: 102.95 (24" RCP)	D-26	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 106.33 W. INV IN: 102.17 (18" RCP) S. INV OUT: 102.17 (24" RCP)	D-36	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 105.50 SW. INV IN: 100.68 (30" RCP) NE. INV OUT: 100.68 (30" RCP)		
D-12	TYPE "C" INLET PER FDOT INDEX #425-052 TOP: 107.72	D-27	TYPE "D" INLET PER FDOT INDEX #425-024 TOP: 106.36 W. INV OUT: 102.53 (18" RCP)	D-37	TYPE "D" INLET PER FDOT INDEX #425-052 TOP: 105.50 SW. INV IN: 102.48 (18" RCP) NE. INV OUT: 101.08 (30" RCP)		



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GROSS BLDG AREA: 77,901 SF
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PROTOTYPE: 2022 Q4

ISSUE

SEAL

Brian S. Ashby
PROFESSIONAL ENGINEER
No. 80456
STATE OF FLORIDA
EXPIRATION DATE: 12/31/2026

SHEET

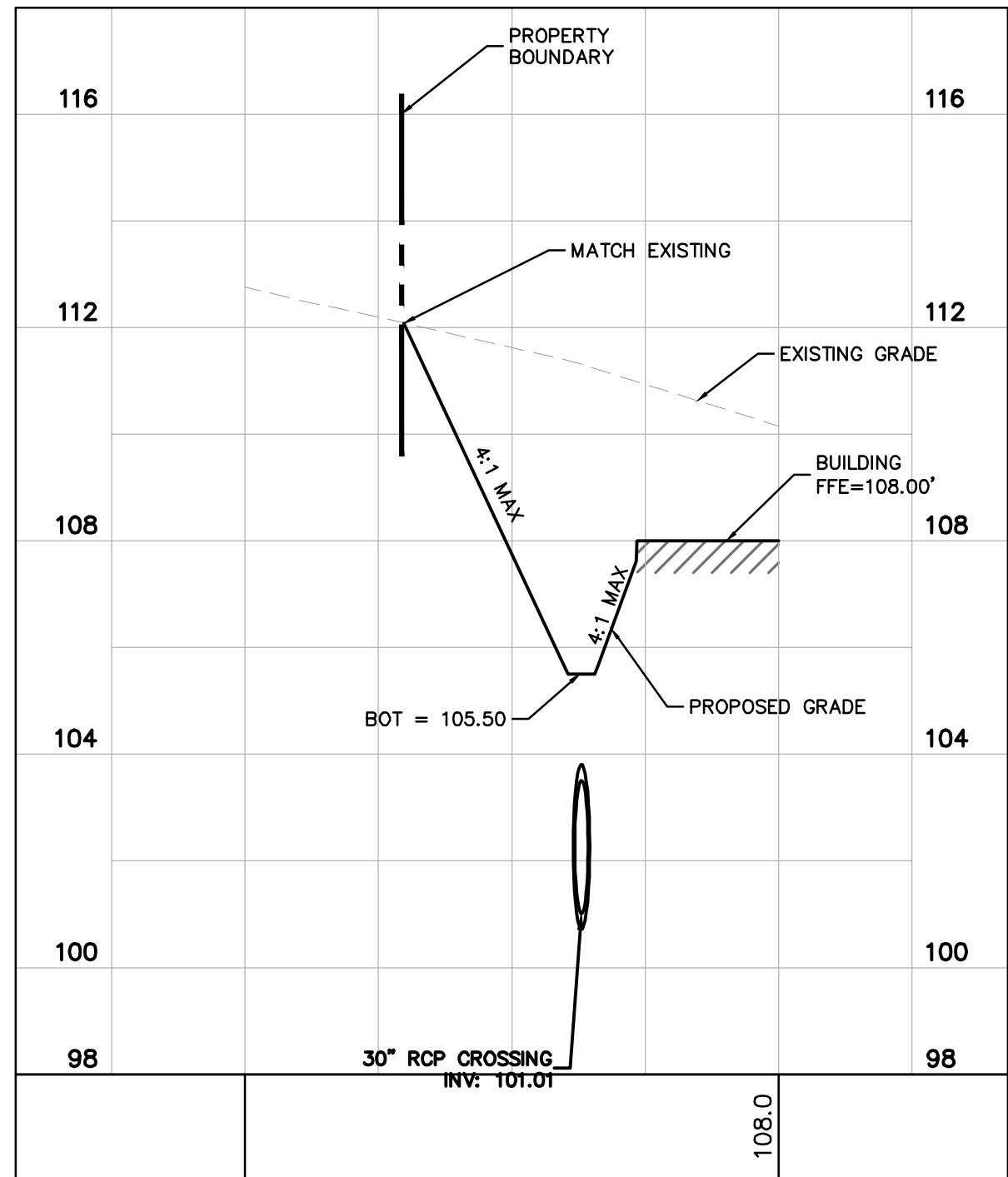
DRAINAGE PLAN

DRAWN: BJW
CHECKED: BSA

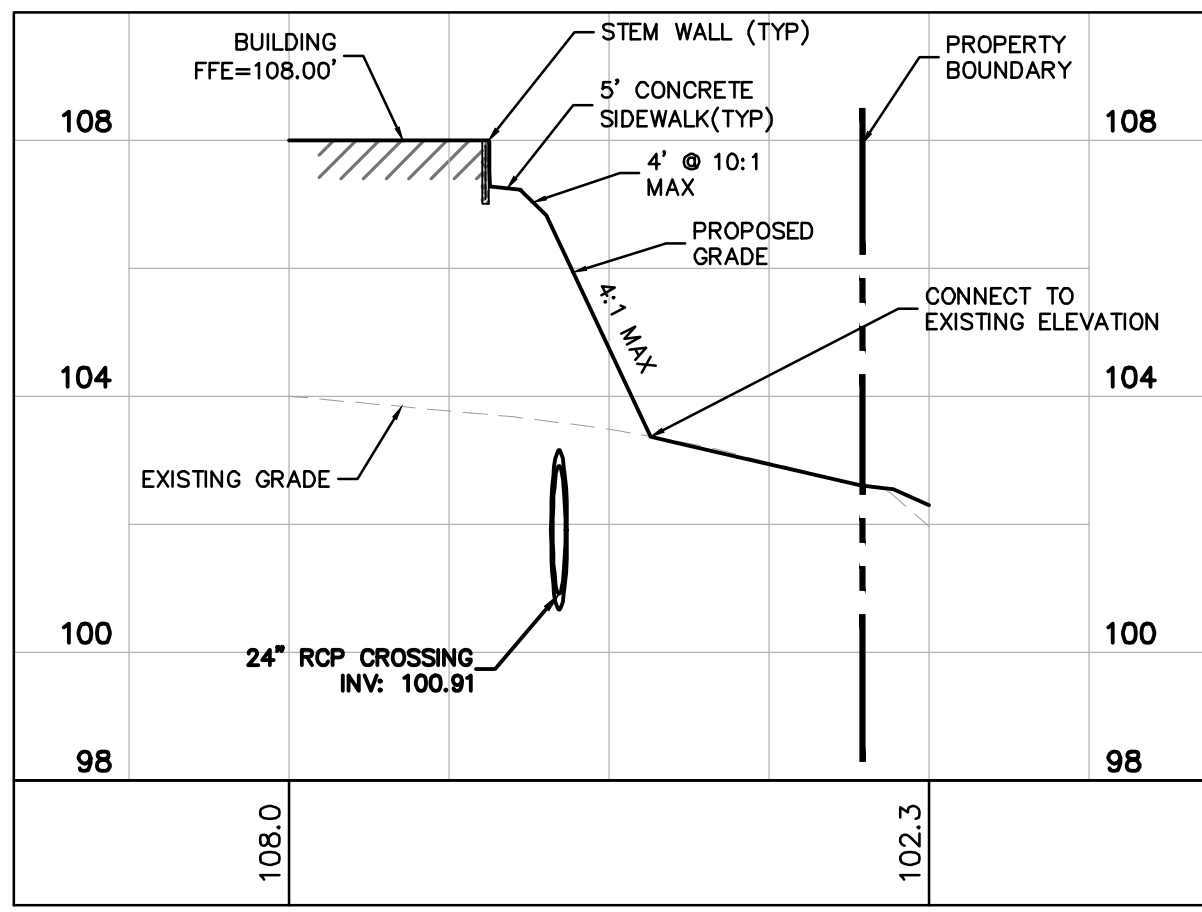
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C5.1

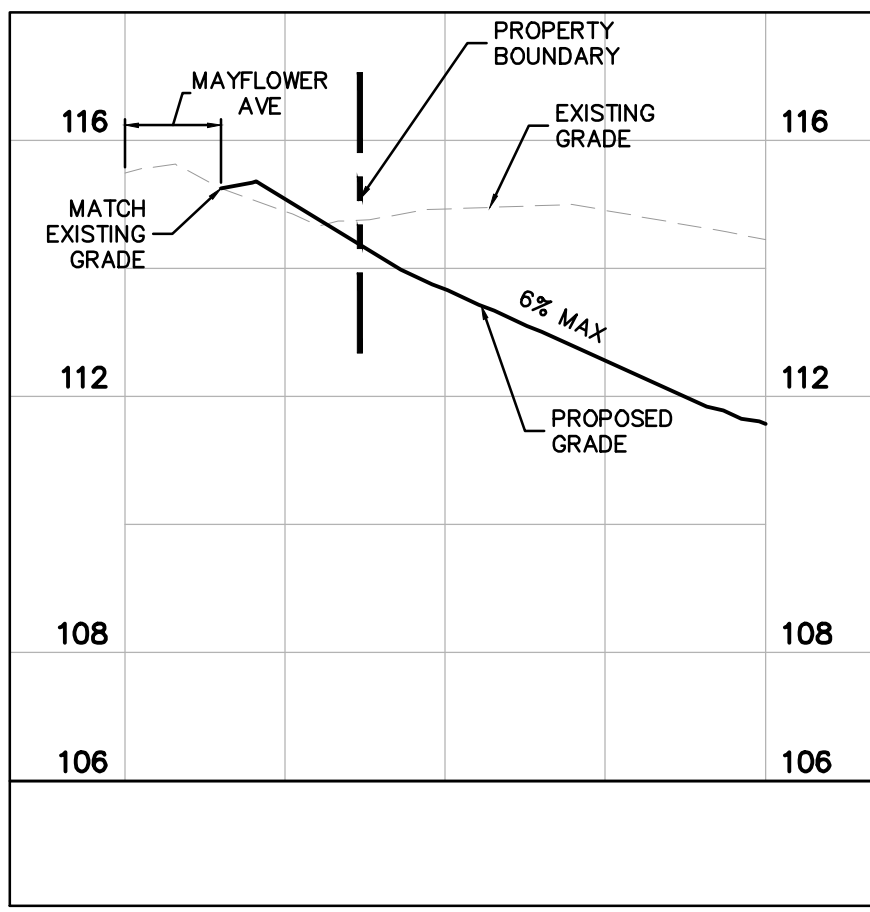
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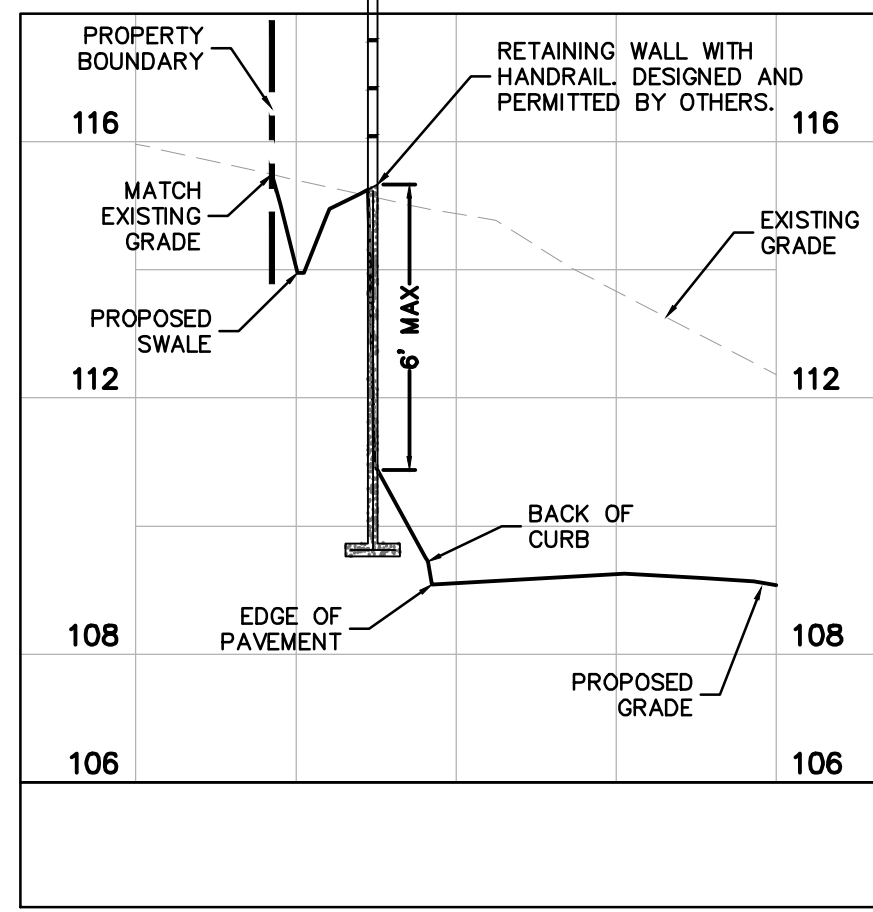
SECTION A
N.T.S.



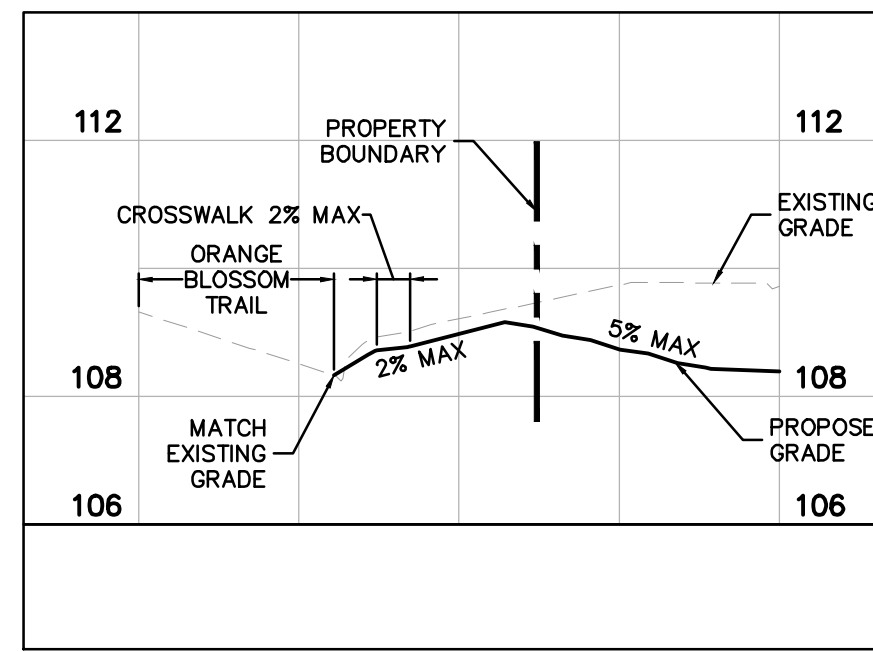
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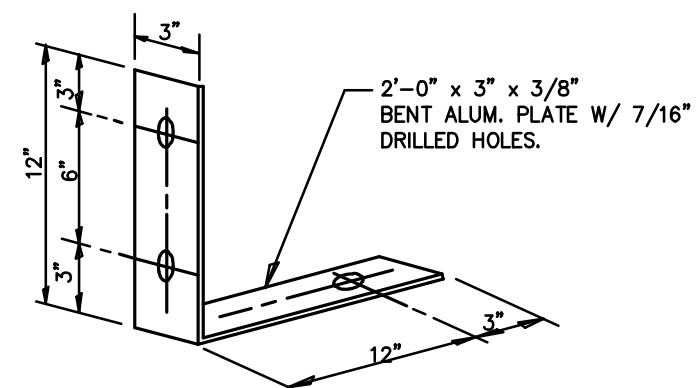
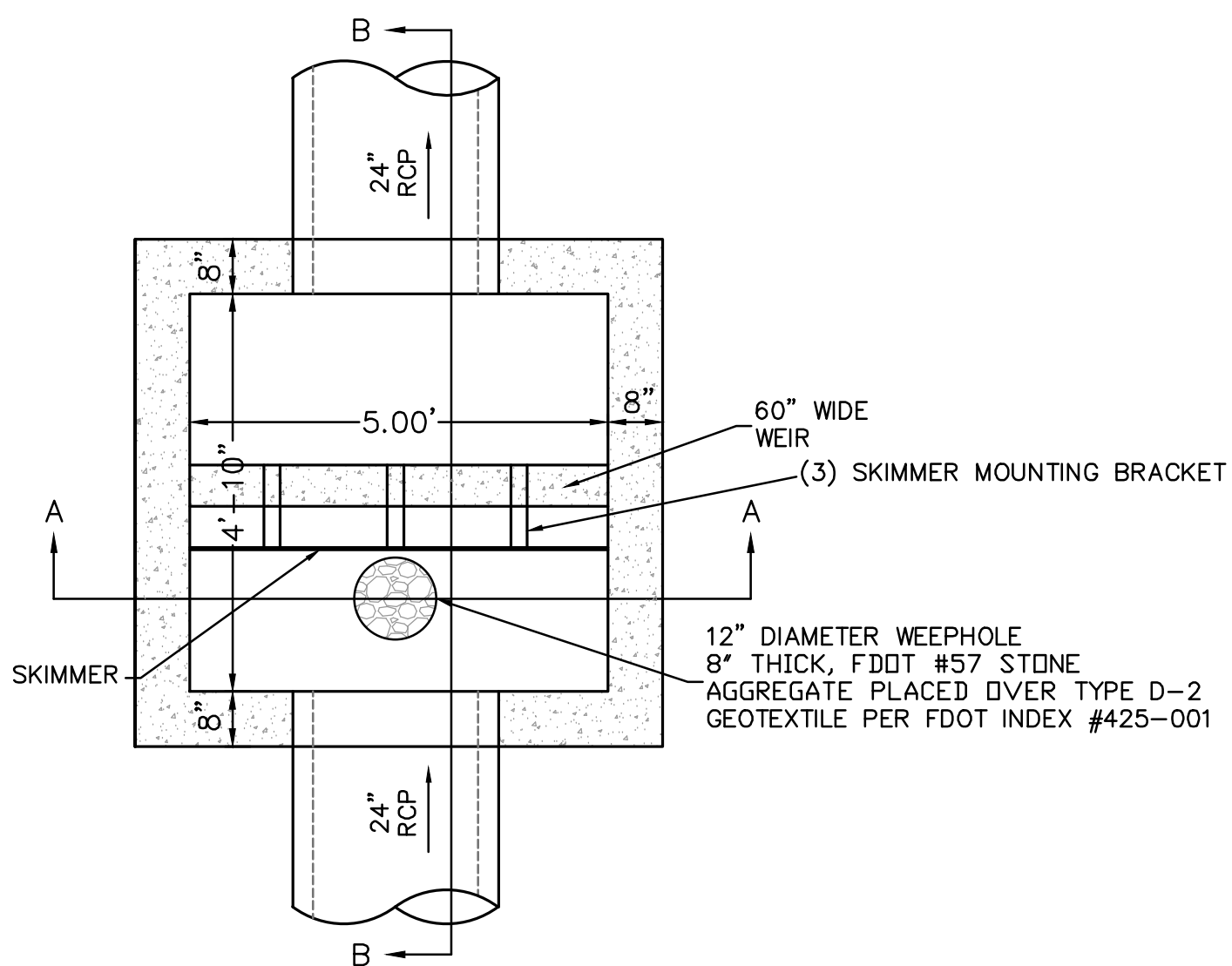
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N.T.S.



SECTION D
N.T.S.

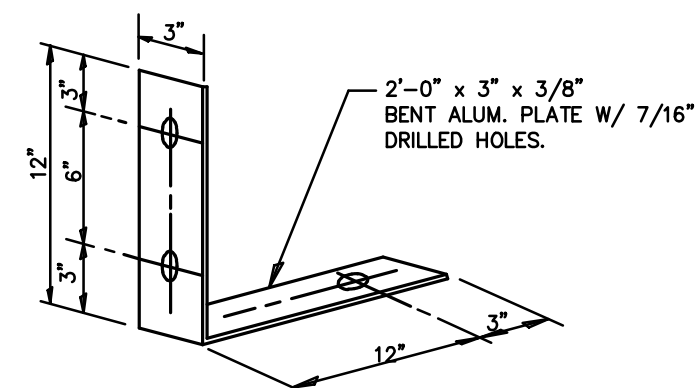
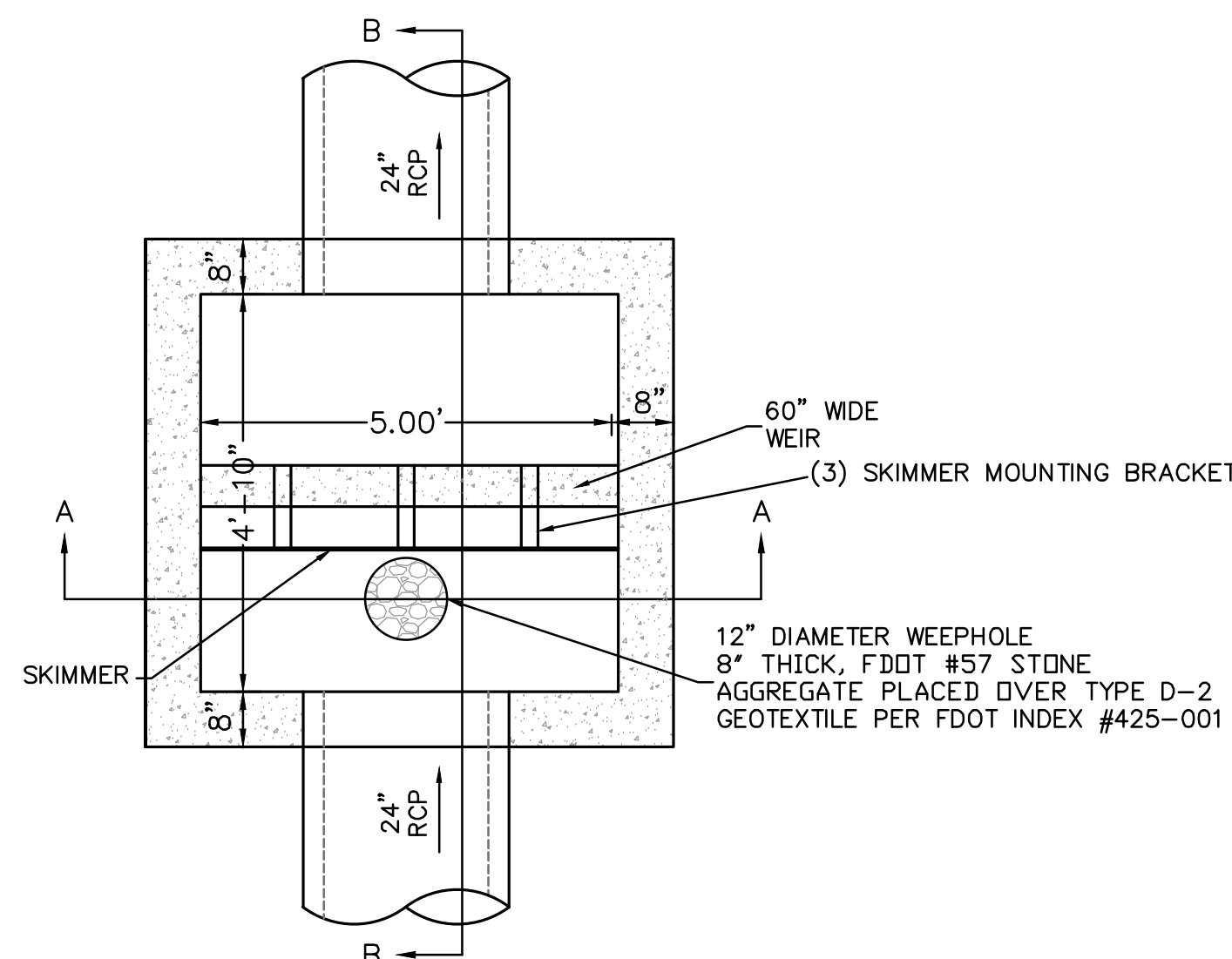


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N.T.S.



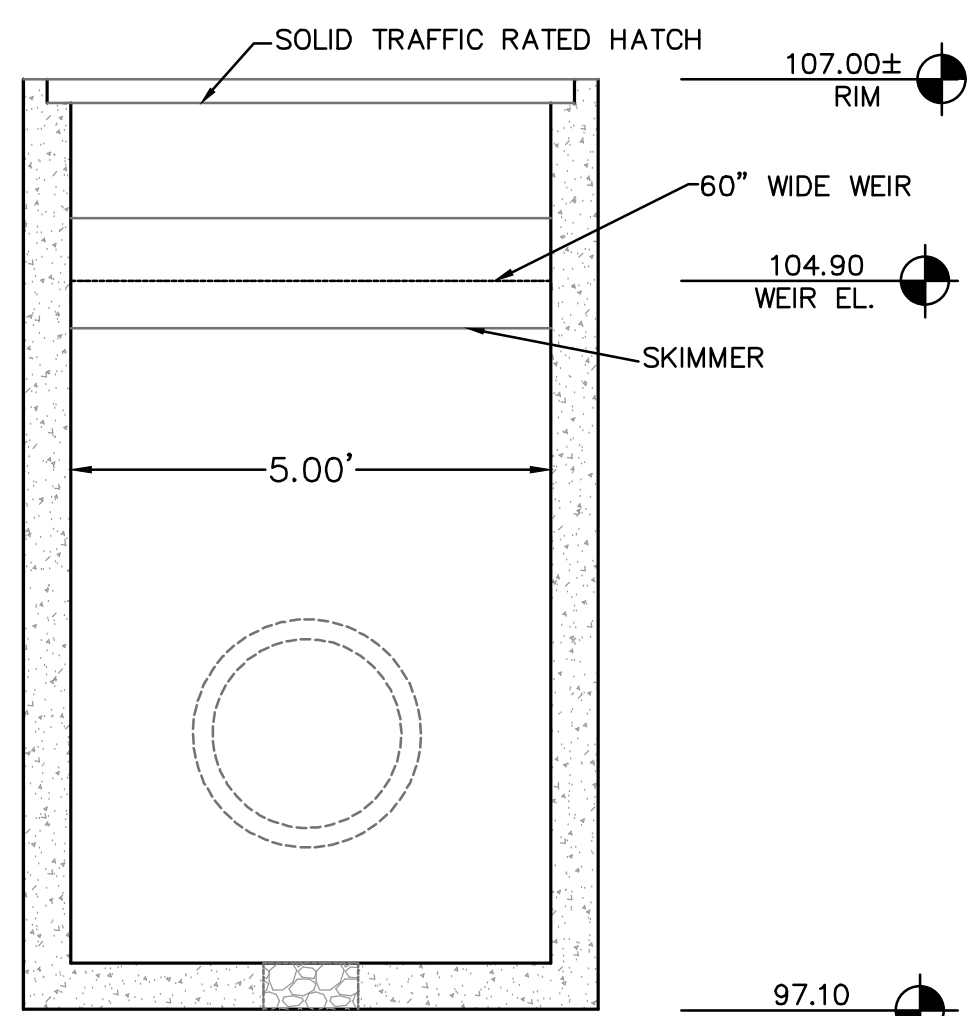
- NOTE :
1. FASTEN SKIMMER BLADE TO MOUNTING STRAP W/3/8\" GALV. BOLTS & FASTENERS.
 2. FASTEN MOUNTING BRACKETS TO STRUCTURE W/3/8\"x4\" EXPAN. ANCHOR BOLT & FASTENERS.

SKIMMER MOUNTING BRACKET

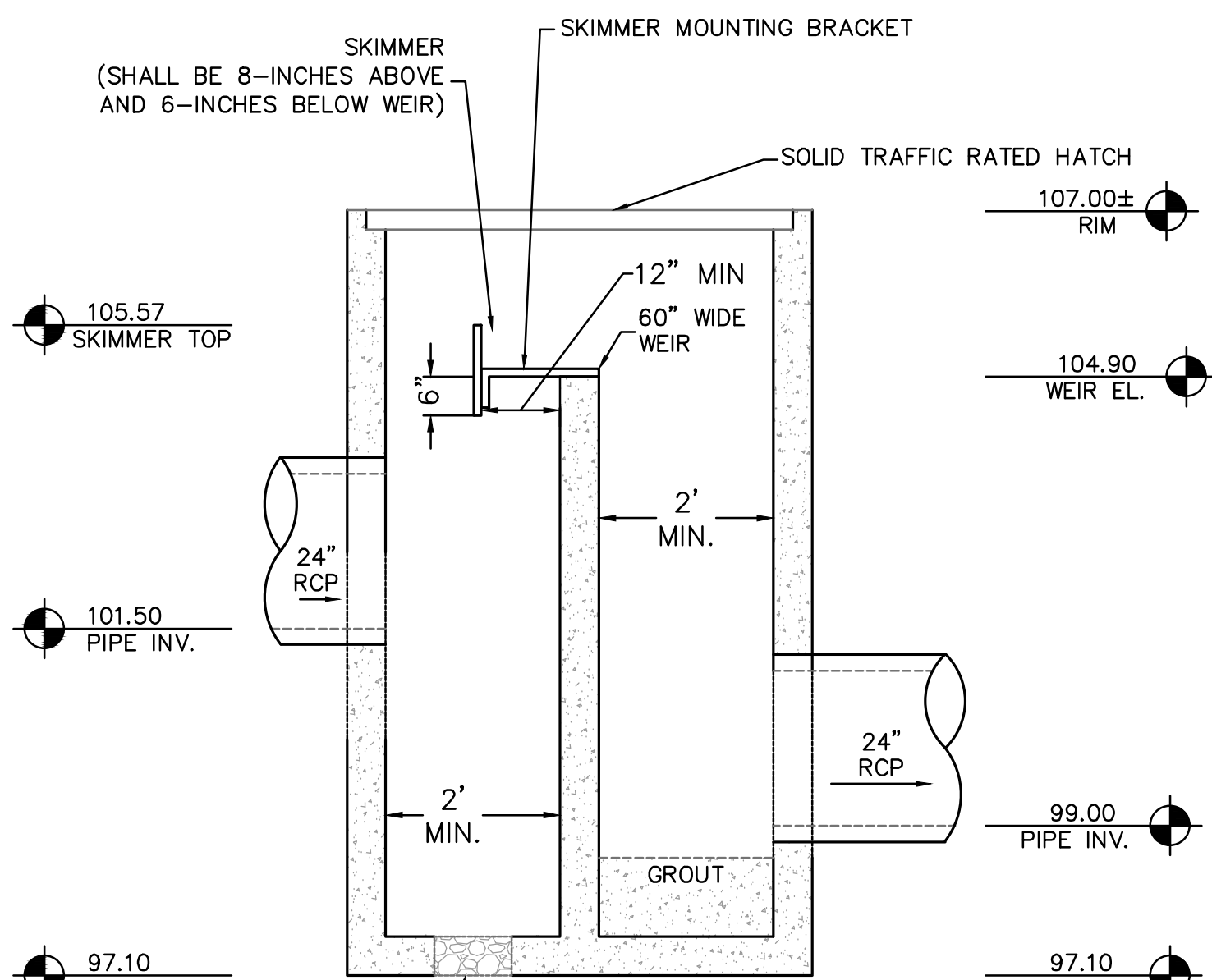


- NOTE :
1. FASTEN SKIMMER BLADE TO MOUNTING STRAP W/3/8\" GALV. BOLTS & FASTENERS.
 2. FASTEN MOUNTING BRACKETS TO STRUCTURE W/3/8\"x4\" EXPAN. ANCHOR BOLT & FASTENERS.

SKIMMER MOUNTING BRACKET



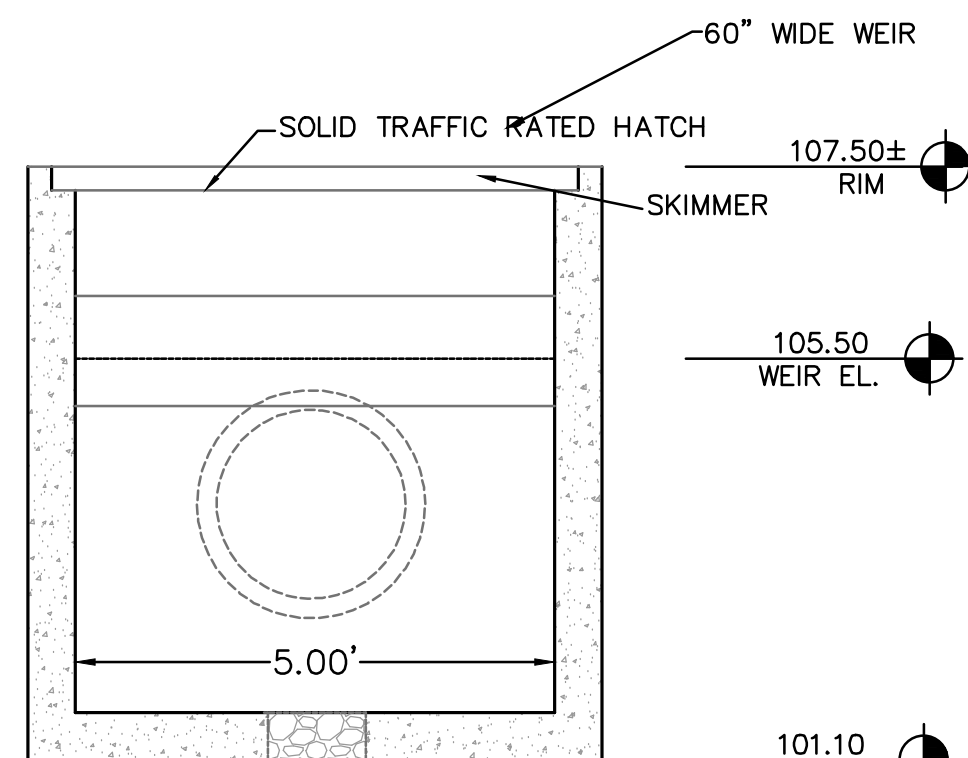
SECTION A-A



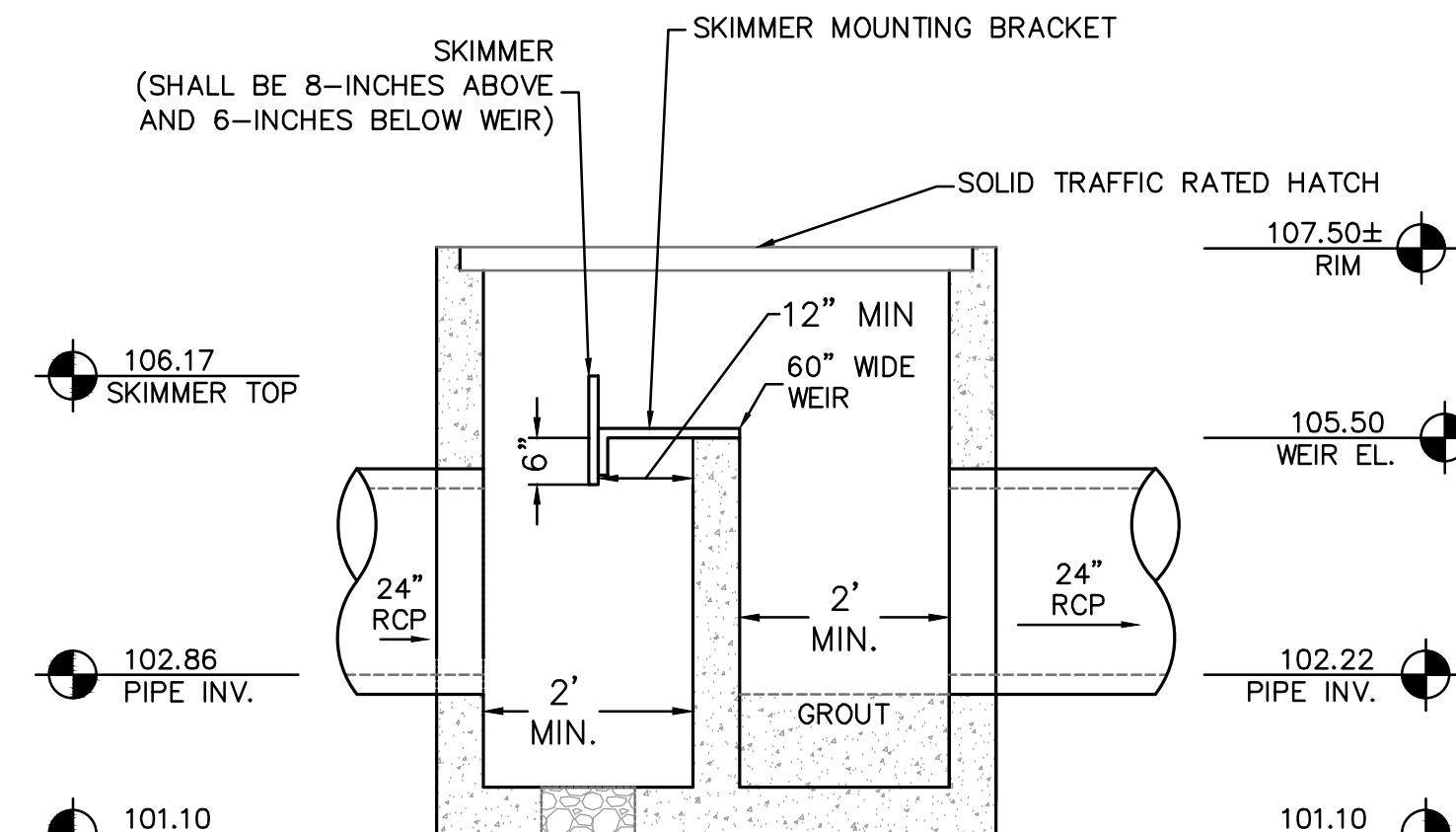
SECTION B-B

DS-1 CONTROL STRUCTURE DETAIL

USE (MOD.) TYPE "C" DITCH BOTTOM INLET N.T.S.
F.D.O.T. INDEX NO. 425-053



SECTION A-A



SECTION B-B

DS-2 CONTROL STRUCTURE DETAIL

USE (MOD.) TYPE "C" DITCH BOTTOM INLET N.T.S.
F.D.O.T. INDEX NO. 425-053

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PROJECT

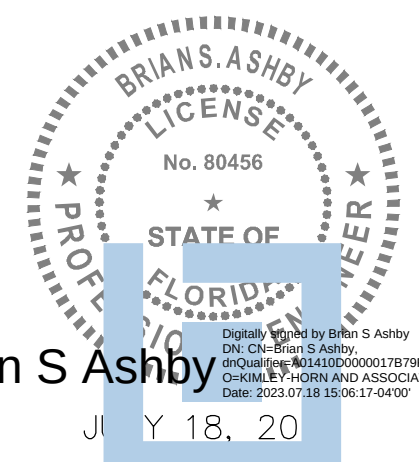
FLOOR & DECOR
APOPKA, FL

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ISSUE

SEAL

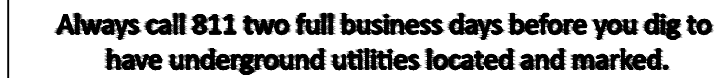


GRAVING AND
DRAINAGE DETAILS

DRAWN: BLJW
CHECKED: BSA

C5.2

Building	QTY	Fixture Units	LEVEL OF SERVICE UNIT	ERC PER UNIT	TOTAL ERcs	GPD			GPM		
						ADF	MDF	PHF	ADF	MDF	PHF
Retail/Warehouse	Floor & Decor - Wastewater Demand										
	5	6	per water closet	0.500	15.00	4.500	11,250	18000	3.1	7.8	12.5
	1	4	per urinal	0.333	1.33	400	999	1598	0.3	0.7	1.1
	1	1	per lavatory	0.083	0.58	174	436	637	0.1	0.3	0.5
	2	0.5	per drinking fountain	0.042	0.04	13	32	50	0.0	0.0	0.0
	3	5	per floor drain	0.417	6.28	1,877	4,691	7508	1.3	3.3	5.2
	1	3	per condensate drain	0.063	0.06	25	62	100	0.0	0.0	0.1
	1	3	per mop sink	0.250	0.75	563	900	1,350	0.2	0.4	0.6
	Total				24.04	7,213	18,032	28,852	5.0	12.5	20.0
Total (Floor & Decor)					24.04	7,213	18,032.25	28,851.60	5.01	12.52	20.04

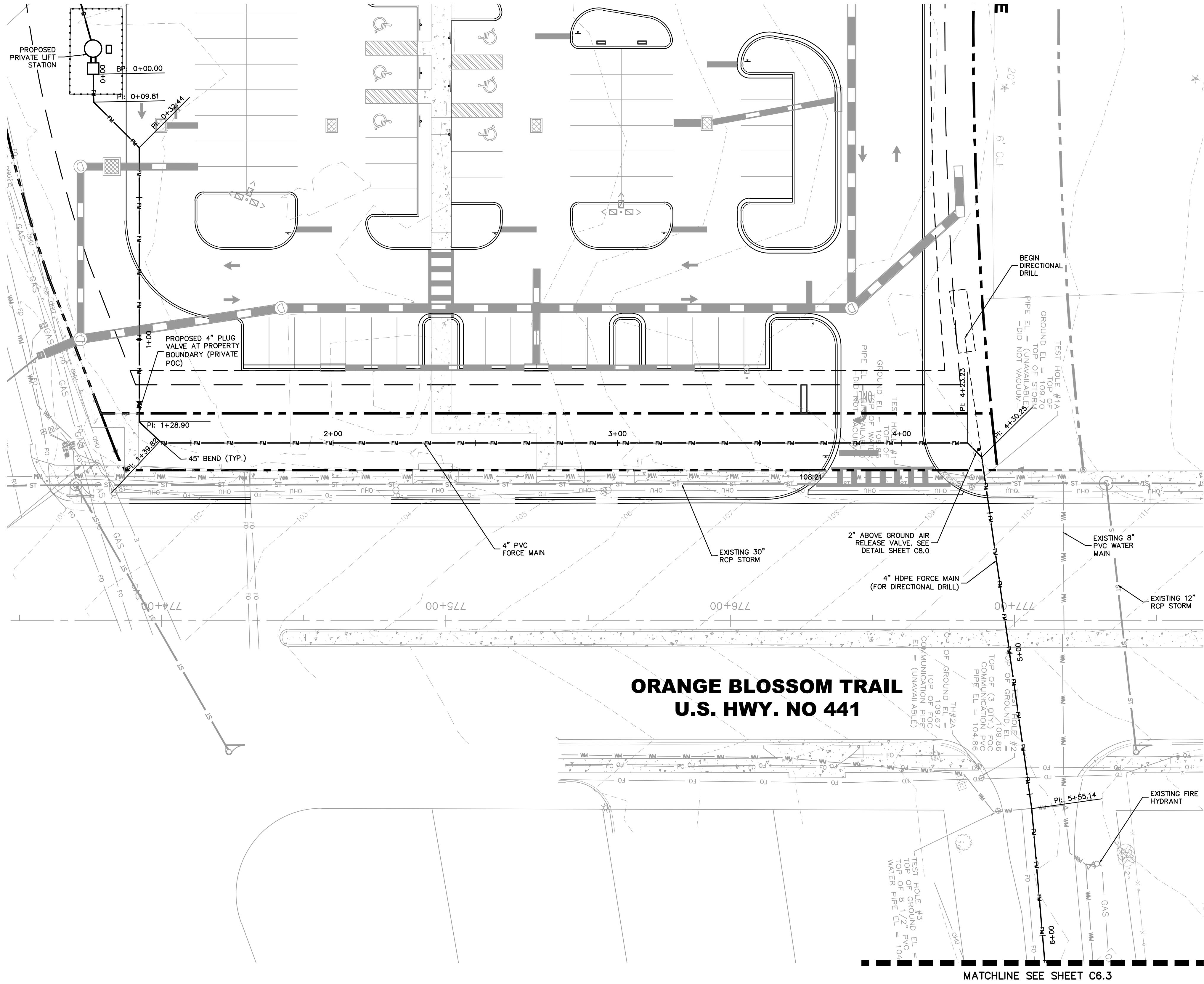


C6.0

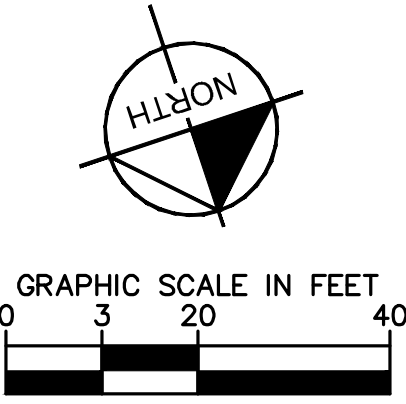
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Page 37 of 68

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ORANGE BLOSSOM TRAIL
U.S. HWY. NO 441

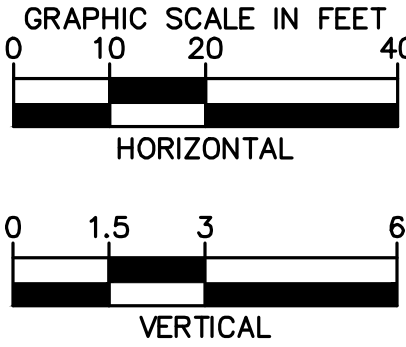
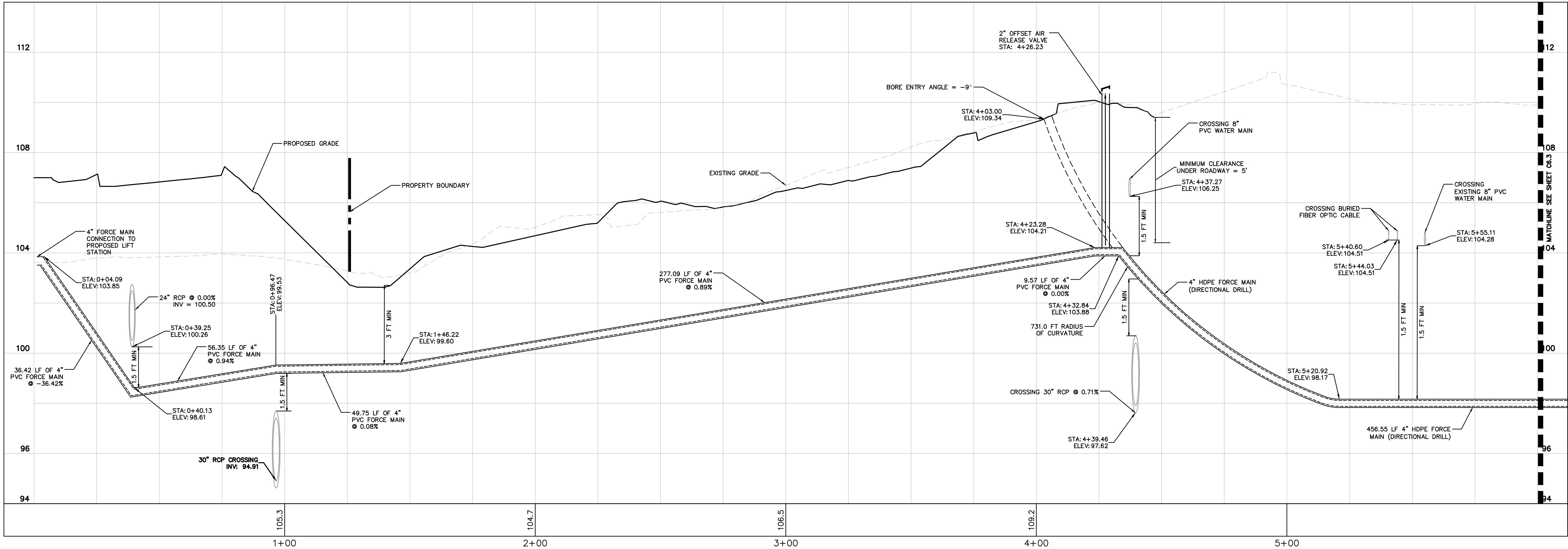


GENERAL UTILITY NOTES:

1. CONTRACTOR TO CONFIRM UNDERGROUND UTILITY LOCATIONS, DEPTHS, AND SIZES PRIOR TO COMMENCING CONSTRUCTION.
2. REFER TO THE CITY OF APOPKA STANDARD NOTES & DETAILS, SHEETS C8.0 - C8.3.
3. CONTRACTOR TO COORDINATE WITH THE CITY OF APOPKA PRIOR TO CONNECTION TO EXISTING 4" HDPE FORCE MAIN.
4. CONTRACTOR TO USE REAMER SIZE 1.5X PIPE DIAMETER.

LEGEND

- RIGHT OF WAY
- EXISTING DRAINAGE AND UTILITY EASEMENT LINE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- EXISTING RECLAIM WATER LINE
- EXISTING OVERHEAD POWER LINE
- EXISTING FIBER OPTIC CABLE
- EXISTING BURIED COMMUNICATION LINE
- SILT FENCE- SEE SHEET C2.1 FOR DETAIL
- EXISTING 6" FORCE MAIN TO BE REMOVED
- EXISTING VEGETATION LINE
- TEST HOLE LOCATION
- EXISTING STORM PIPE
- EXISTING STORM MANHOLE
- EXISTING STORM INLET



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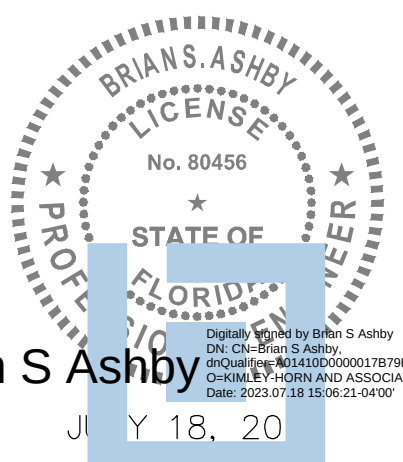
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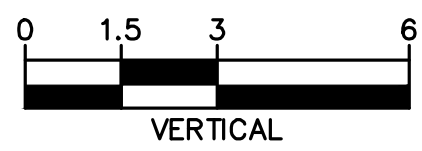
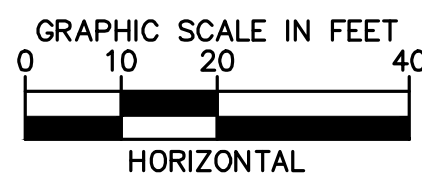
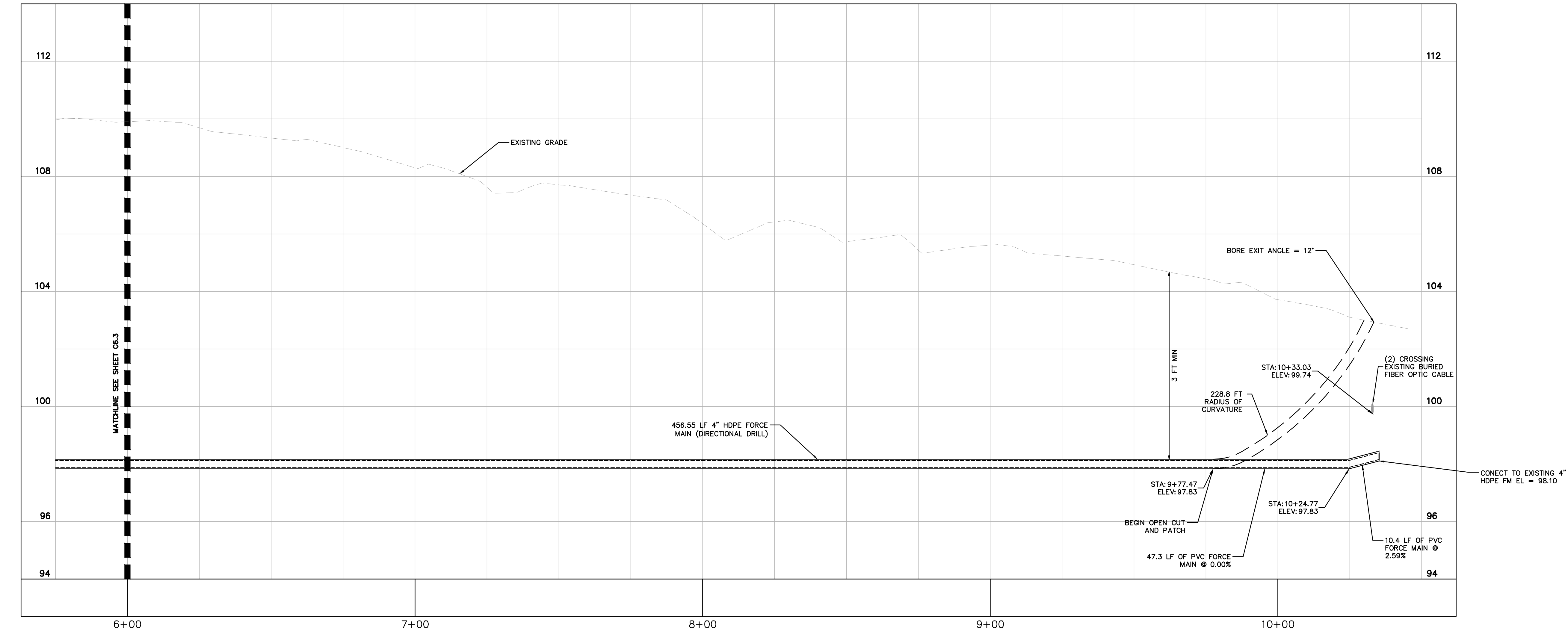
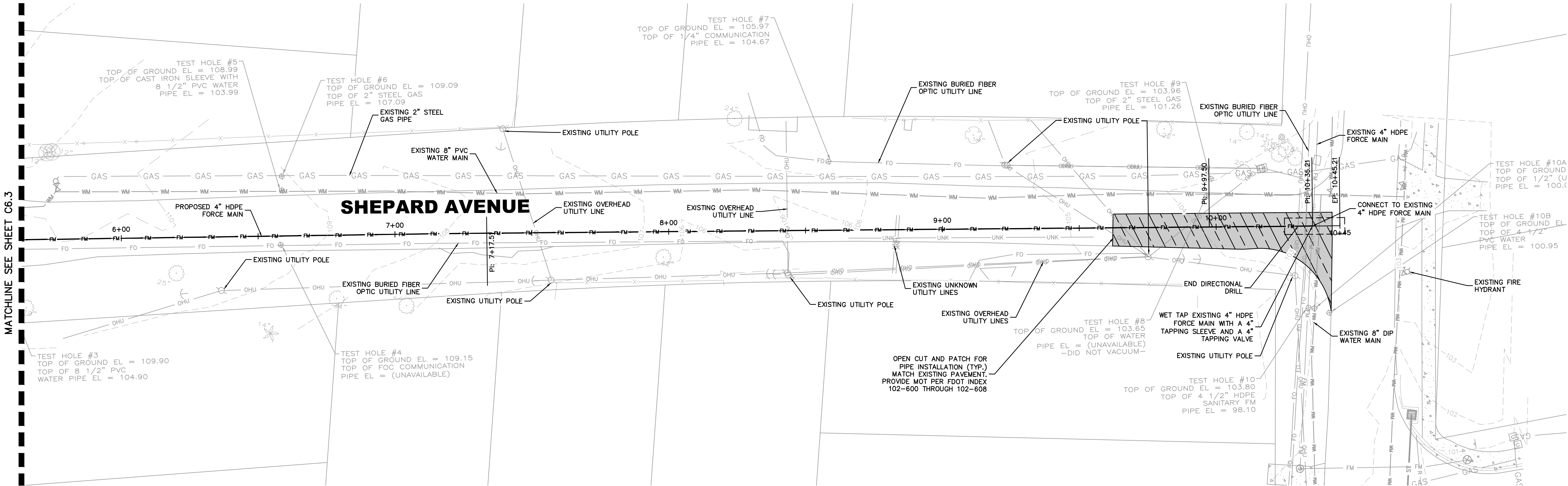
SHEET

FORCEMAIN PLAN
AND PROFILE

DRAWN: BJW
CHECKED: BSA

C6.2

Plotted By:McKissick, Scott Sheet Set:FLOORS AND DECOR APDOPKA Layout:C6.3 July 18, 2023 10:19:09am K:\ORL_Civil\248257001-Floor & Decor Asphal CADD CONST\PlanSheets\C6.2 FM PLAN AND PROFILE.dwg



GENERAL UTILITY NOTES:

1. CONTRACTOR TO CONFIRM UNDERGROUND UTILITY LOCATIONS, DEPTHS, AND SIZES PRIOR TO COMMENCING CONSTRUCTION.
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- EXISTING OVERHEAD POWER LINE
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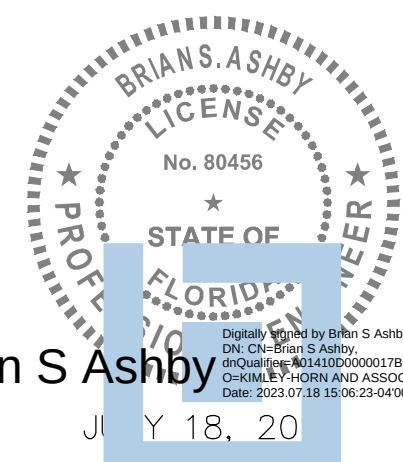
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GROSS BLDG AREA: 77,901 SF
JOB NUMBER: 022172
PROTOTYPE: 2022 Q4

ISSUE

SEAL



SHEET

**FORCEMAIN PLAN
AND PROFILE**

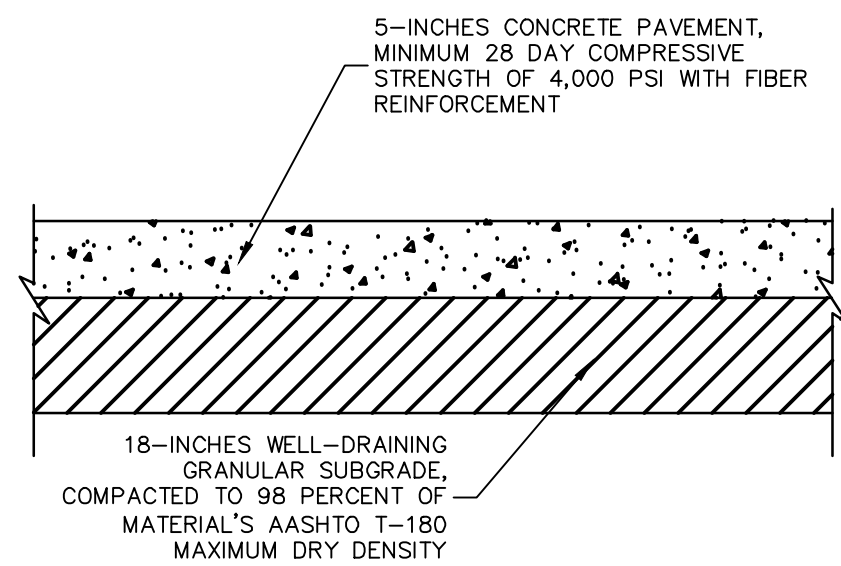
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Always call 811 two full business days before you dig to
have underground utilities located and marked.

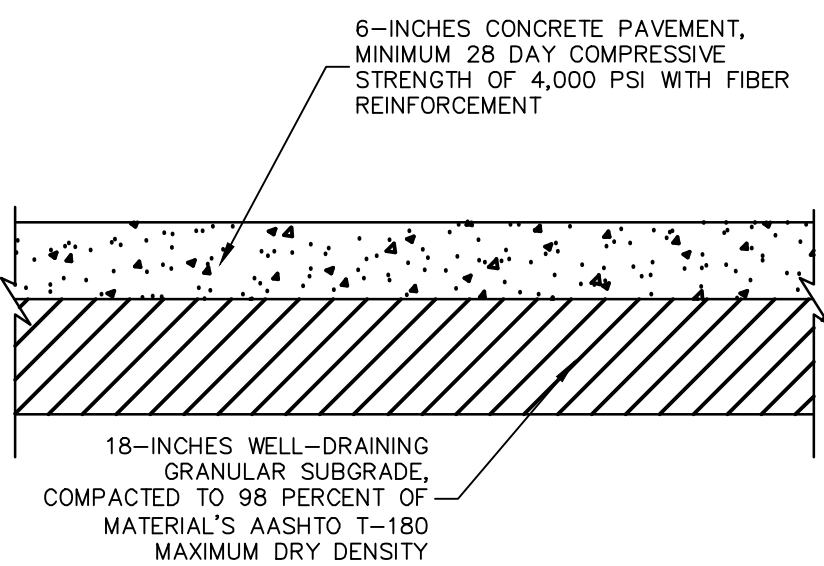
Sunshine811.com

C6.3

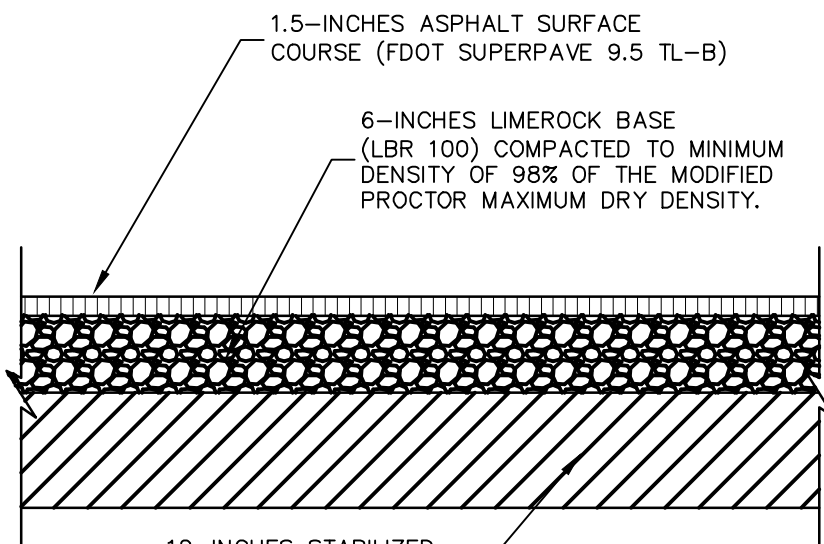
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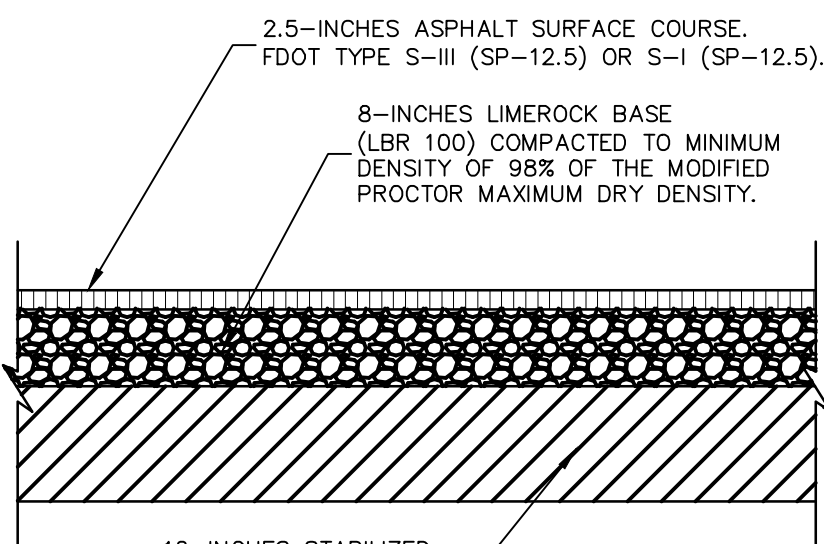
TYPICAL CONCRETE PAVEMENT DETAIL
NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.



TYPICAL HEAVY-DUTY CONCRETE PAVEMENT DETAIL
NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.



TYPICAL ASPHALT PAVEMENT DETAIL
USED FOR PARKING AREAS ONLY



TYPICAL "HEAVY DUTY" ASPHALT PAVEMENT DETAIL
NTS

NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.

NOTE: CONCRETE PAVEMENT SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.

Parking Stops - 6', Rubber, Black/Yellow

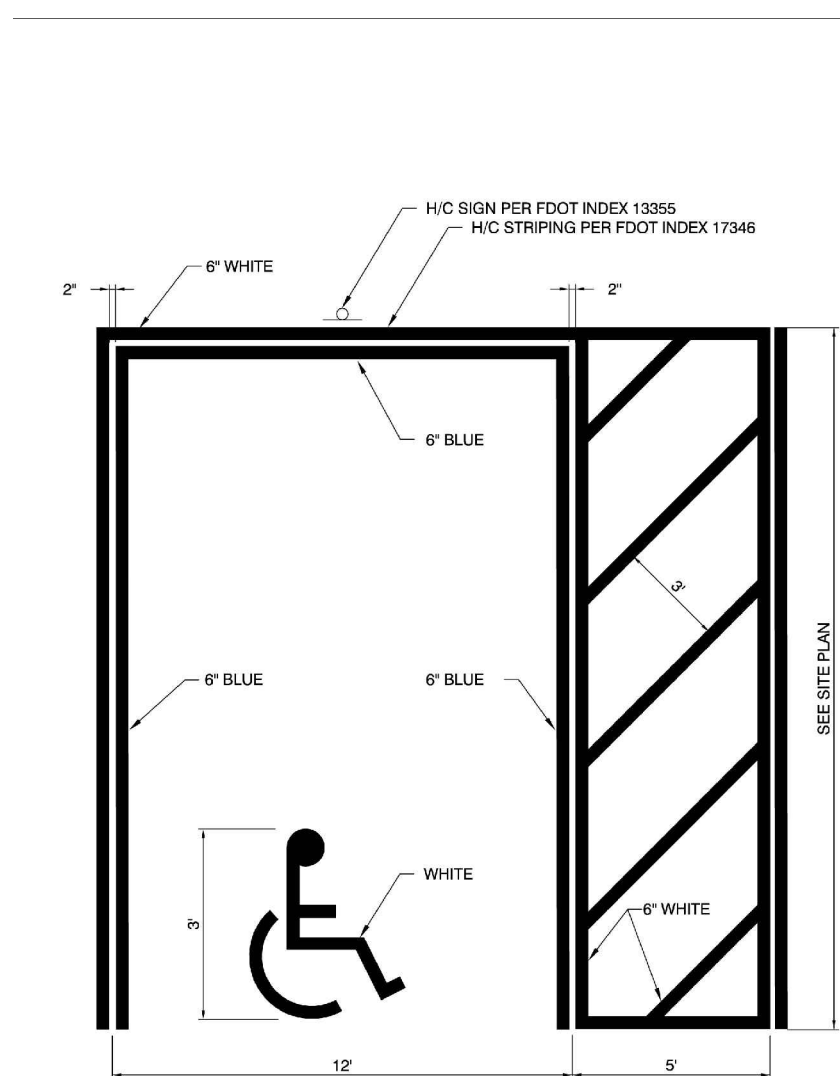


End concrete crumbling and chipping forever.

- 100% recycled material.
- Maintenance free. No painting.
- Weather resistant. Impervious to sunlight or road salt.
- Conforms to uneven surfaces. Reflective stripes.
- [H-2397 Concrete](#) or [H-2396 Asphalt](#) Installation Hardware available.

MODEL NO.	DESCRIPTION	DIMENSIONS L x W x H	WT. (LBS.)	PRICE EACH		ADD TO CART
				1	5+	
H-4608B/Y	6' Rubber	72 x 6 x 4"	34	\$70	\$65	☐ ADD

PARKING STOPS DETAIL
NTS

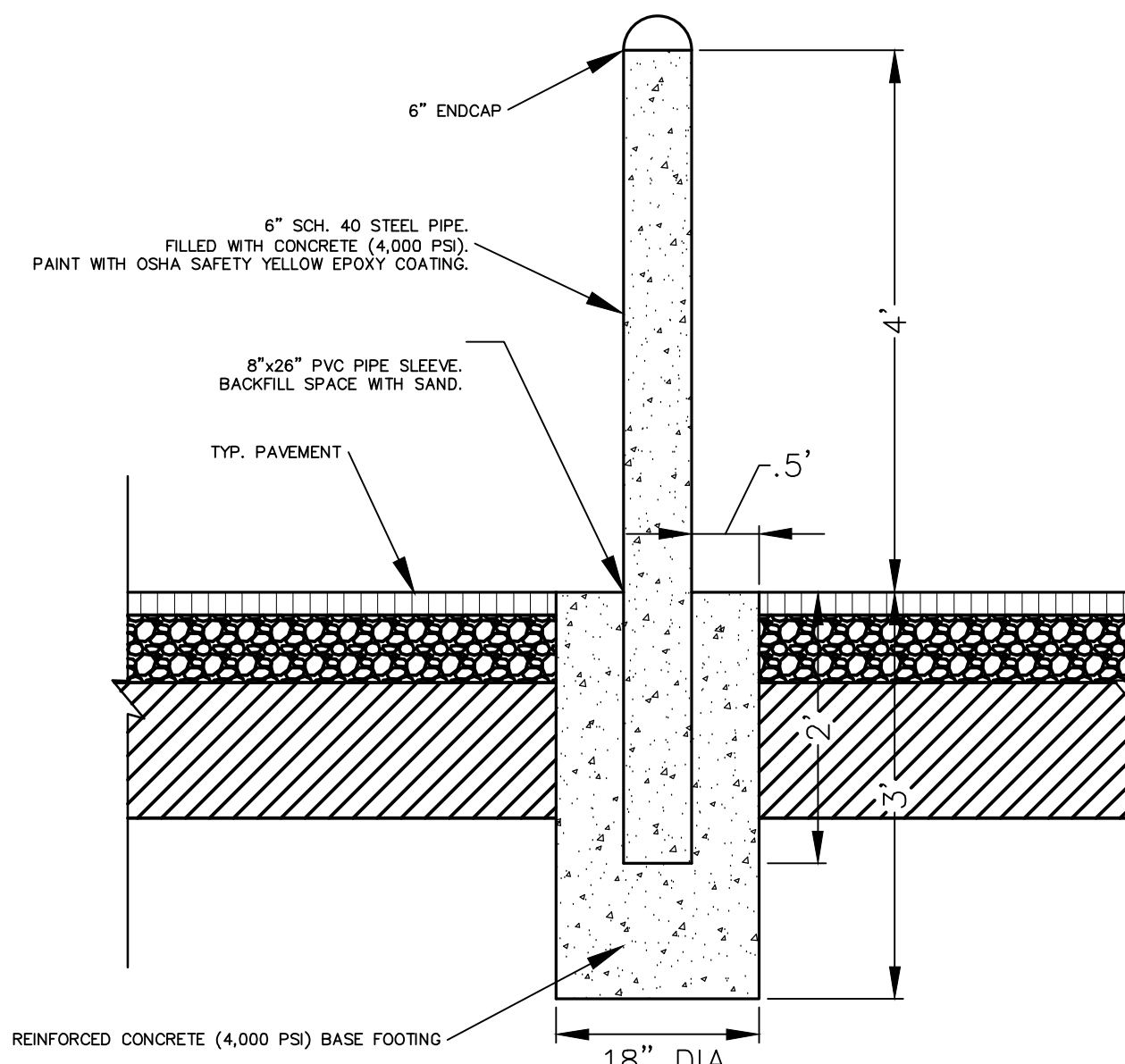


HANDICAP PARKING PAVEMENT MARKING
NTS

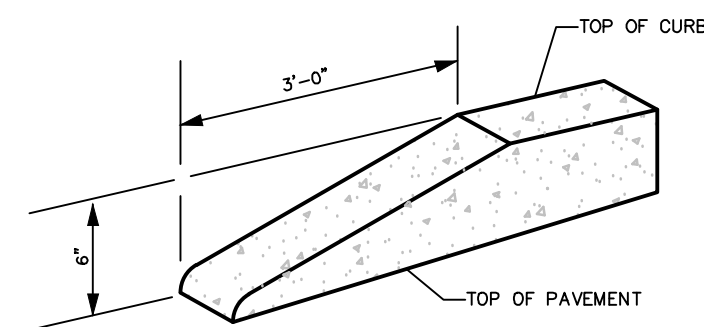


- NOTES:
1. ALL LETTERS ARE 1" SERIES "C" PER MUTCD.
 2. TOP PORTION OF SIGN SHALL HAVE REFLECTORIZED (ENGINEERING GRADE) BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
 3. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
 4. FINE NOTIFICATION SIGN SHALL HAVE A REFLECTORIZED (ENGINEERING GRADE) WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
 5. ONE (1) SIGN REQUIRED FOR EACH PARKING SPACE.
 6. INSTALLATION HEIGHT OF SIGN SHALL BE IN ACCORDANCE WITH SECTION 24-23 OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).

HANDICAP SIGN DETAIL
NTS



TYP. BOLLARD DETAIL
NTS

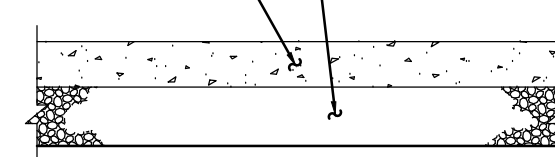


CURB TERMINUS TRANSITION DETAIL
NTS

NOTE: ALL CURBS TO HAVE STANDARD 3' TRANSITION FROM 6" HEIGHT TO FLUSH (0" HEIGHT). A STANDARD TEMPLATE SHALL BE USED AT ALL LOCATIONS TO PROVIDE UNIFORM CURB TRANSITION THROUGHOUT THE PROJECT.

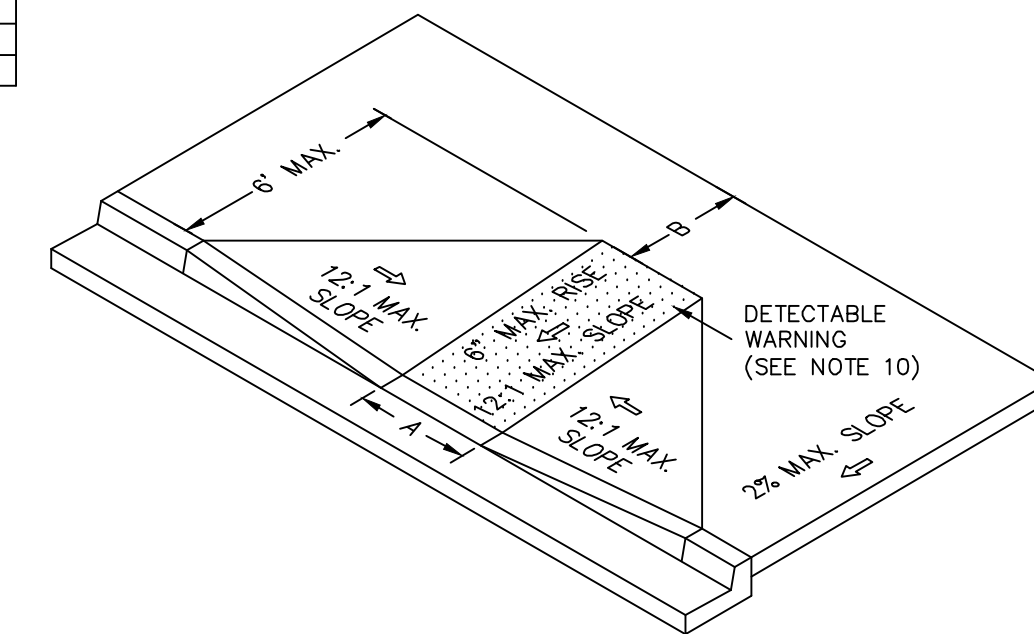
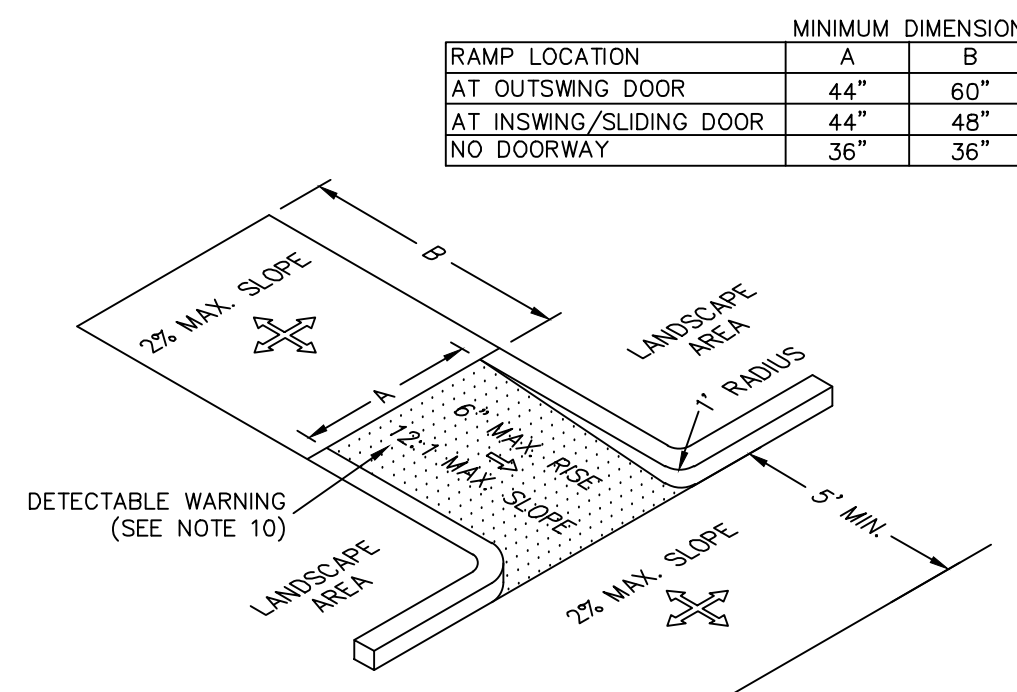
18" SUBGRADE COMPACTED TO MIN 98% OF MODIFIED PROCTOR (ASTM D-1557) MAXIMUM DRY DENSITY VALUE.

4" CONCRETE PAVEMENT, 28 DAY MIN COMPRESSION STRENGTH OF 4000 PSI (ASTM C-39) WITH JOINT SPACING PER AG 330R (8.5' MAX)



CONCRETE SIDEWALK DETAIL
NTS

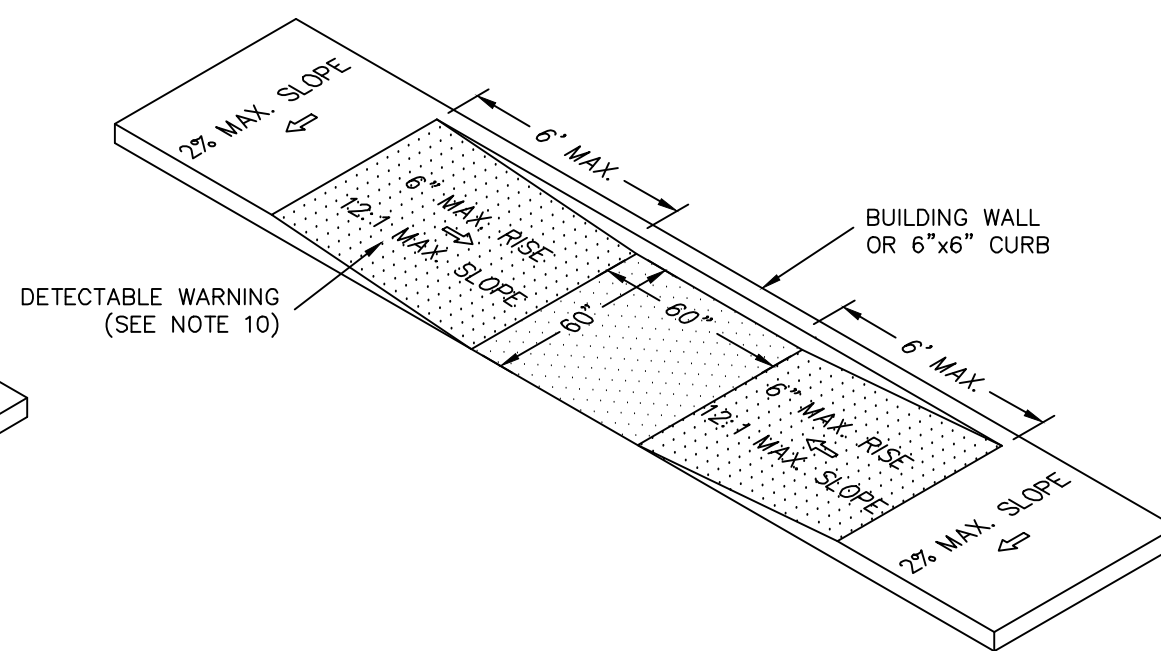
NOTE: CONCRETE SIDEWALK SECTION SHALL MEET THE RECOMMENDATIONS WITHIN THE GEOTECHNICAL REPORT PREPARED BY TERRACON, DATED FEBRUARY 1, 2023.



NOTES:

1. ALL CURB CUT ACCESSIBLE RAMPS AND DETECTABLE WARNING SURFACES SHALL BE INSTALLED BY THE SITE CONTRACTOR.
2. THE STANDARD COLOR FOR THE DETECTABLE WARNING SURFACE SHALL BE YELLOW. ANY TYPE OF ADHESIVE OR GLUE DOWN MATS, STAMPED CONCRETE OR ANY VARIATION OTHER THAN WHAT IS SPECIFIED ABOVE WILL NOT BE ACCEPTED BY ORANGE COUNTY. ORANGE COUNTY WILL CONSIDER ALTERNATIVES THAT ARE EQUAL TO THE PRODUCTS SPECIFIED ABOVE. COUNTY ENGINEER AND THE CHIEF ENGINEER FOR DEVELOPMENT SERVICES WILL HAVE THE SOLE RESPONSIBILITY FOR DETERMINING THE PRODUCT ACCEPTABILITY.
3. ALL DETECTABLE WARNING SURFACES FOR SIDEWALKS AT CURB CUT HANDICAP RAMP SHALL BE A COUNTY APPROVED YELLOW COLORED COMPOSITE MATERIAL ANCHORED IN THE CONCRETE SIDEWALK RAMP. ANCHORED COMPOSITE WARNING AREA INSERTS ARE TO BE COLORED "SAFETY YELLOW", ARE TO BE SET INTO THE CONCRETE AND ARE TO BE FLUSH WITH CONCRETE SURFACE ALONG ALL FOUR SIDES. DESIGN DIMENSIONS OF DETECTABLE WARNING AREA SHALL CONFORM TO FDOT STANDARD INDEX 204, CODE OF FEDERAL REGULATIONS PART 36, AND SJC REQUIREMENTS.

ACCESSIBLE RAMPS
NTS



2500 WINDY RIDGE PARKWAY, SE
ATLANTA, GA 30339



SBLM Architect **AA-0003434**
33 Walt Whitman Road, Suite 300A
Huntington Station, NY 11746
Telephone 631 683 5588
Fax 631 683 5591



A.V. SCHWAN & ASSOC.
STRUCTURAL ENGINEERS
600 East Thomas Rd, Suite 1
Scottsdale, Arizona 85251
(602) 265-4331



dbassociates
consulting engineers
2000 North 98th Avenue, Suite 100
Phoenix, AZ 85028



CODE CONSULTANTS, INC.
2043 WOODLAND PKWY, SUITE 300
ST. LOUIS, MISSOURI 63114-4203
314-991-2633

Kimley»Horn

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189 S. ORANGE AVE., SUITE 1000
ORLANDO, FL 32801
PHONE: 407-896-1511
WWW.KIMLEY-HORN.COM

PROJECT

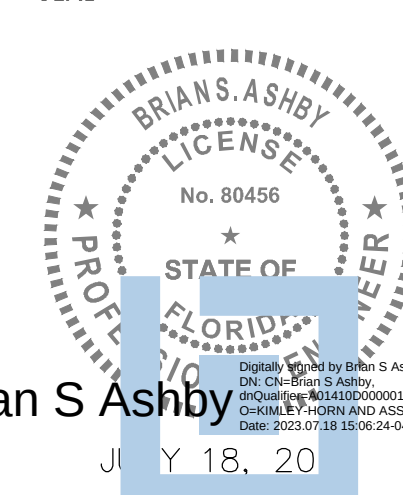
FLOOR&DECOR
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL & LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA: 77,901 SF
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PROTOTYPE: 2022 Q4

ISSUE

SEAL



Brian S Ashby

SHEET

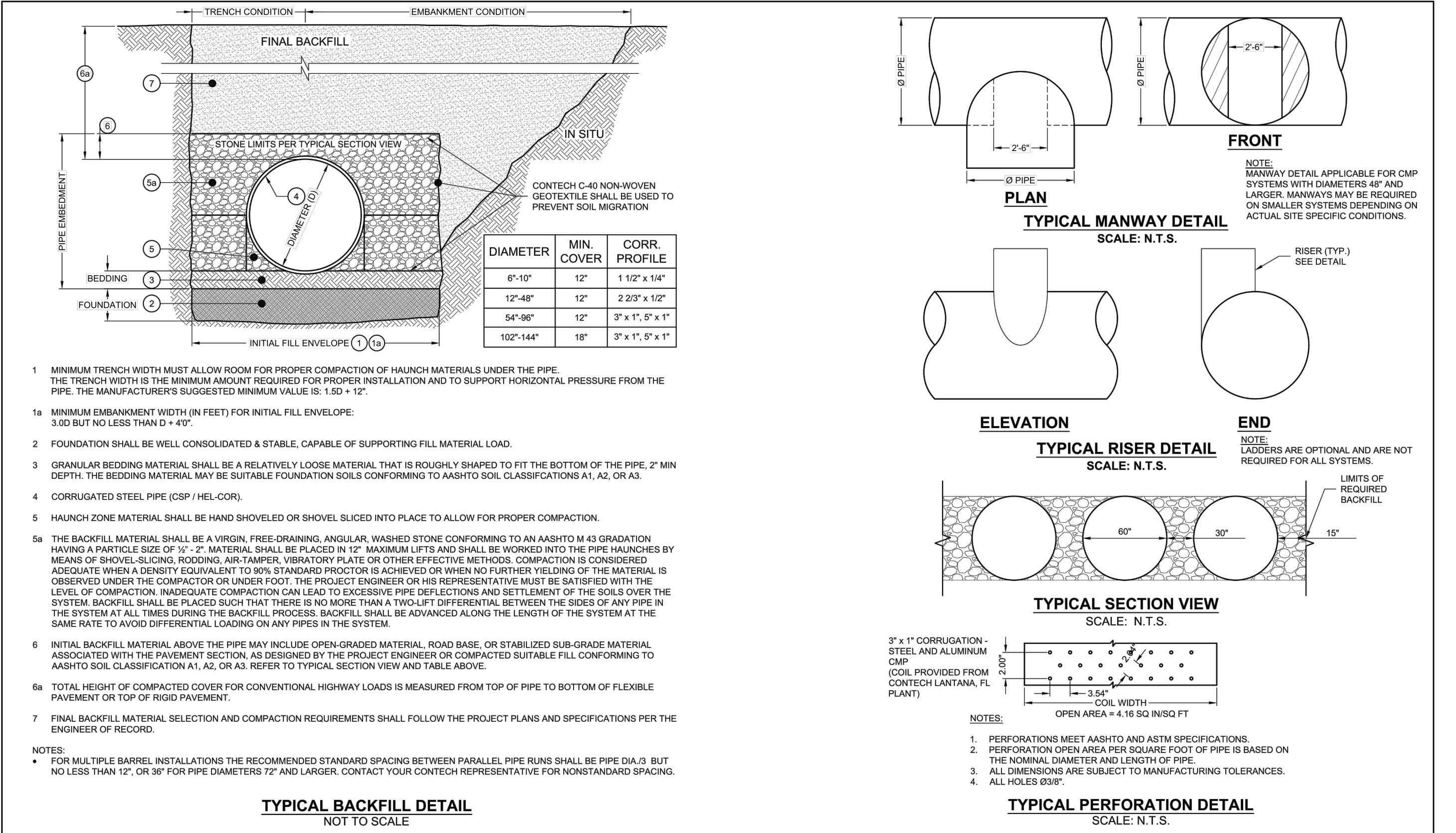
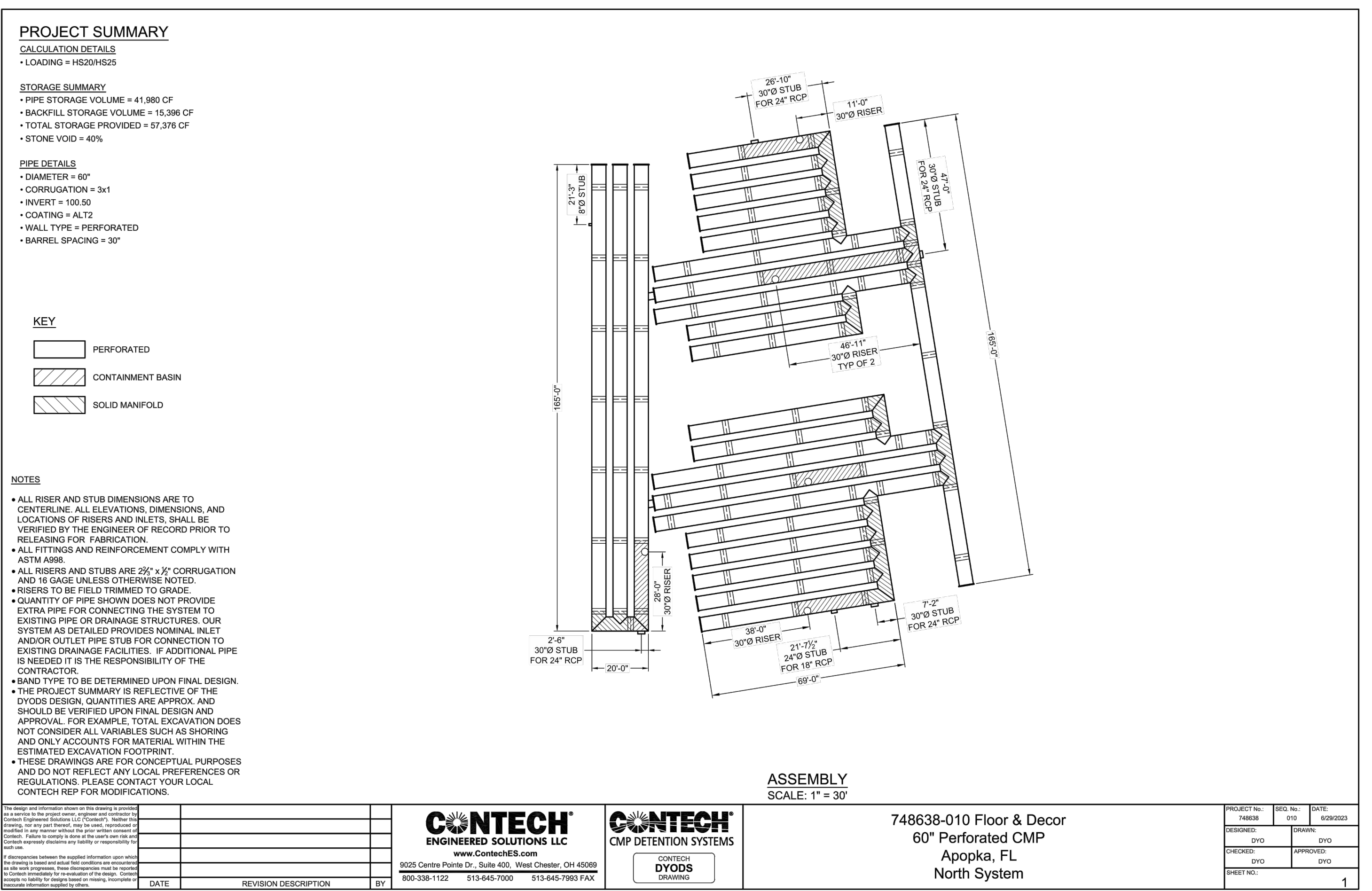
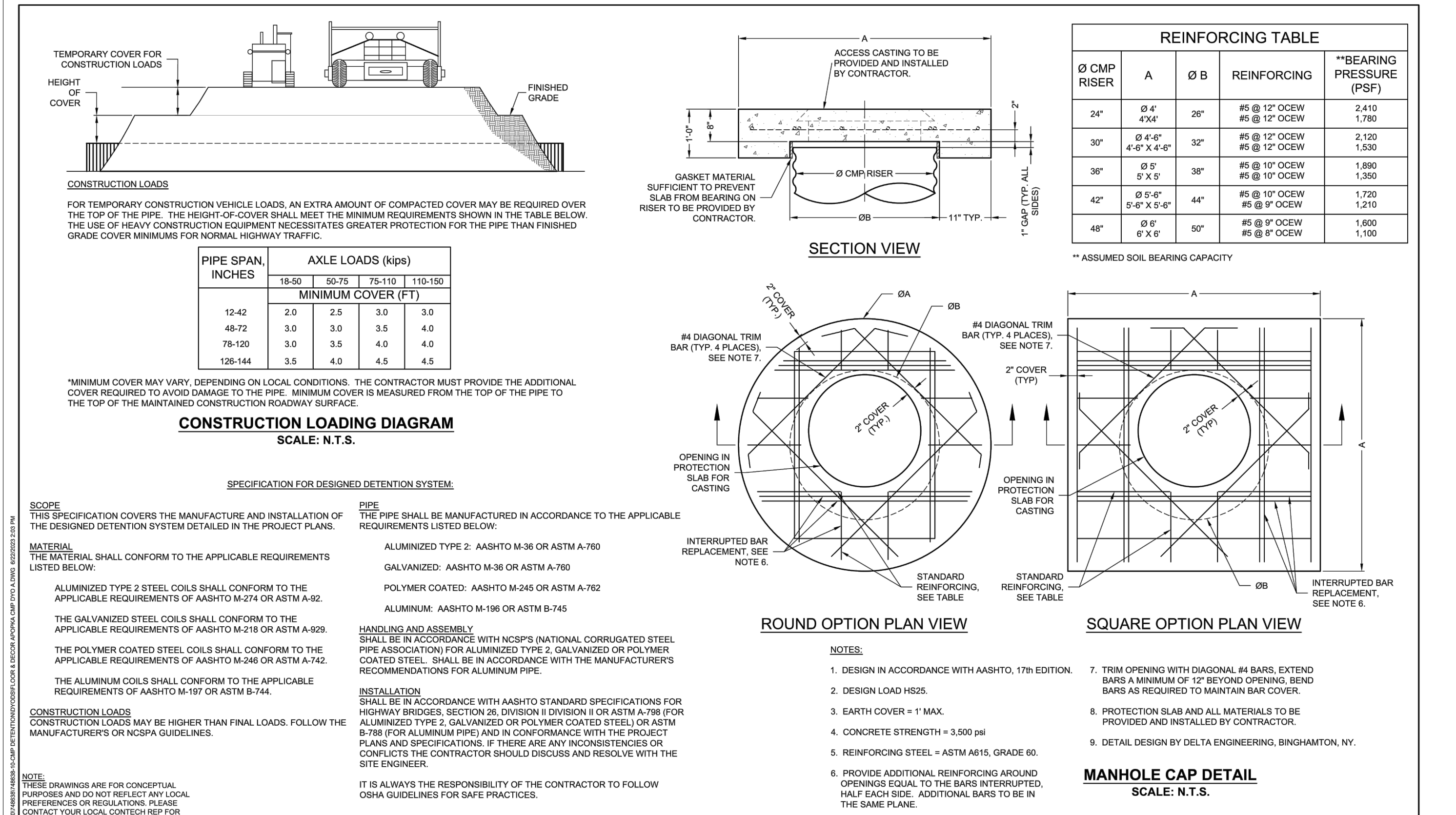
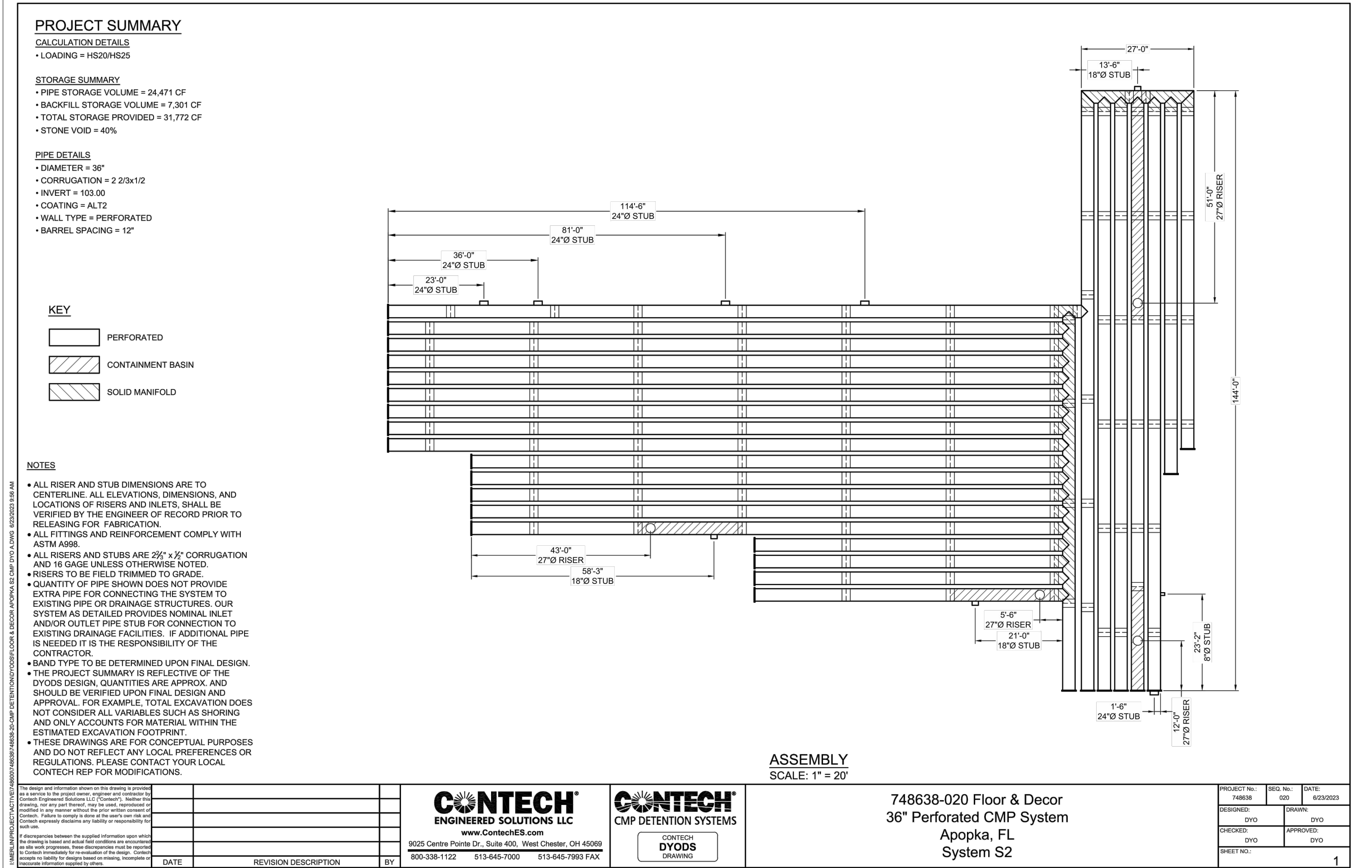
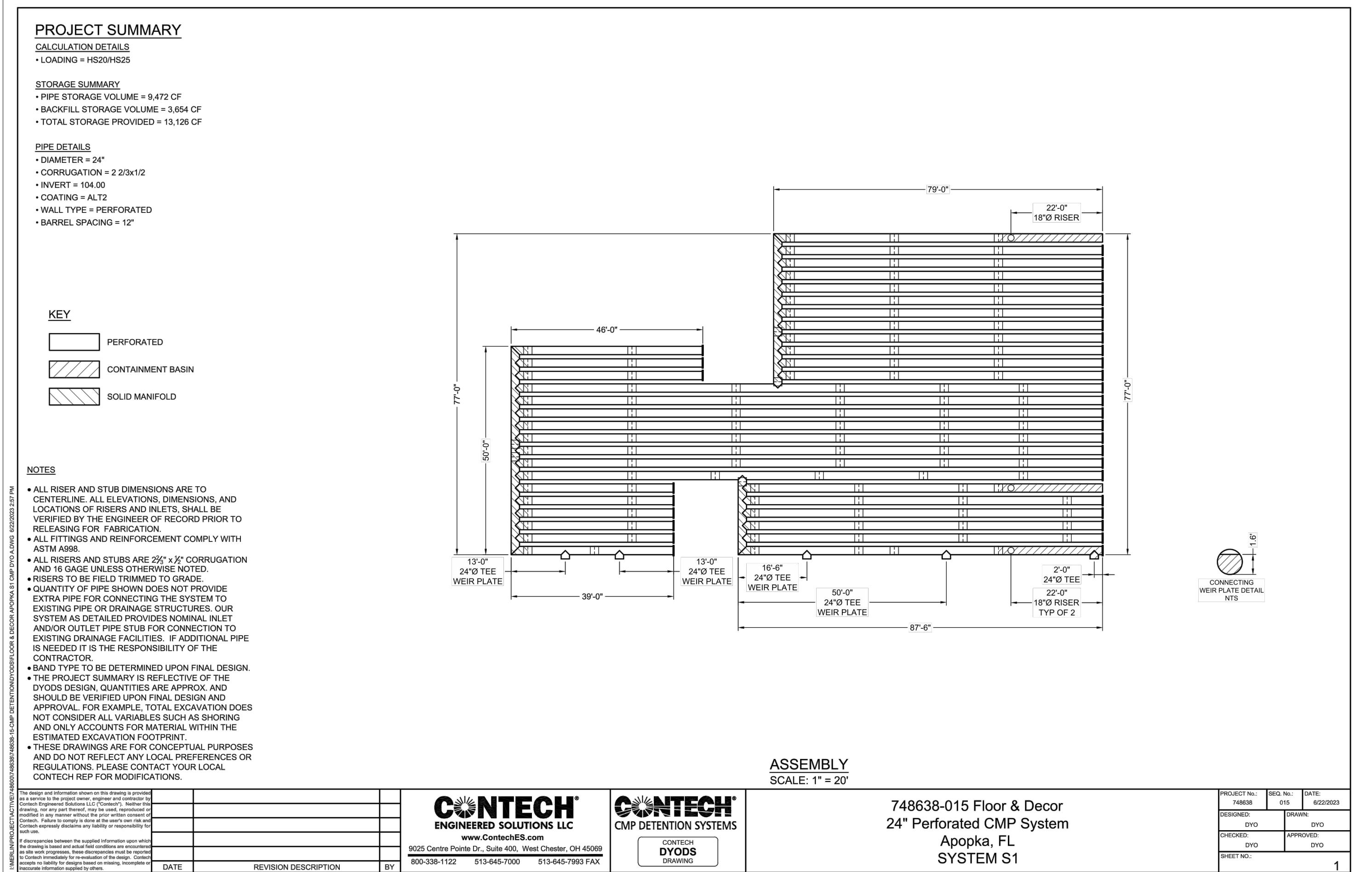
GENERAL CONSTRUCTION DETAILS

DRAWN: BLW
CHECKED: BSA

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C7.0



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SBLM

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600 East Thomas Rd, Suite 1
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PROJECT

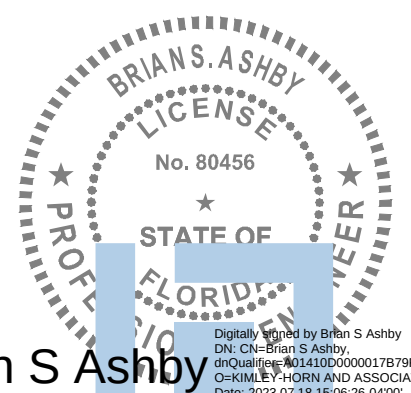
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Brian S. Ashby

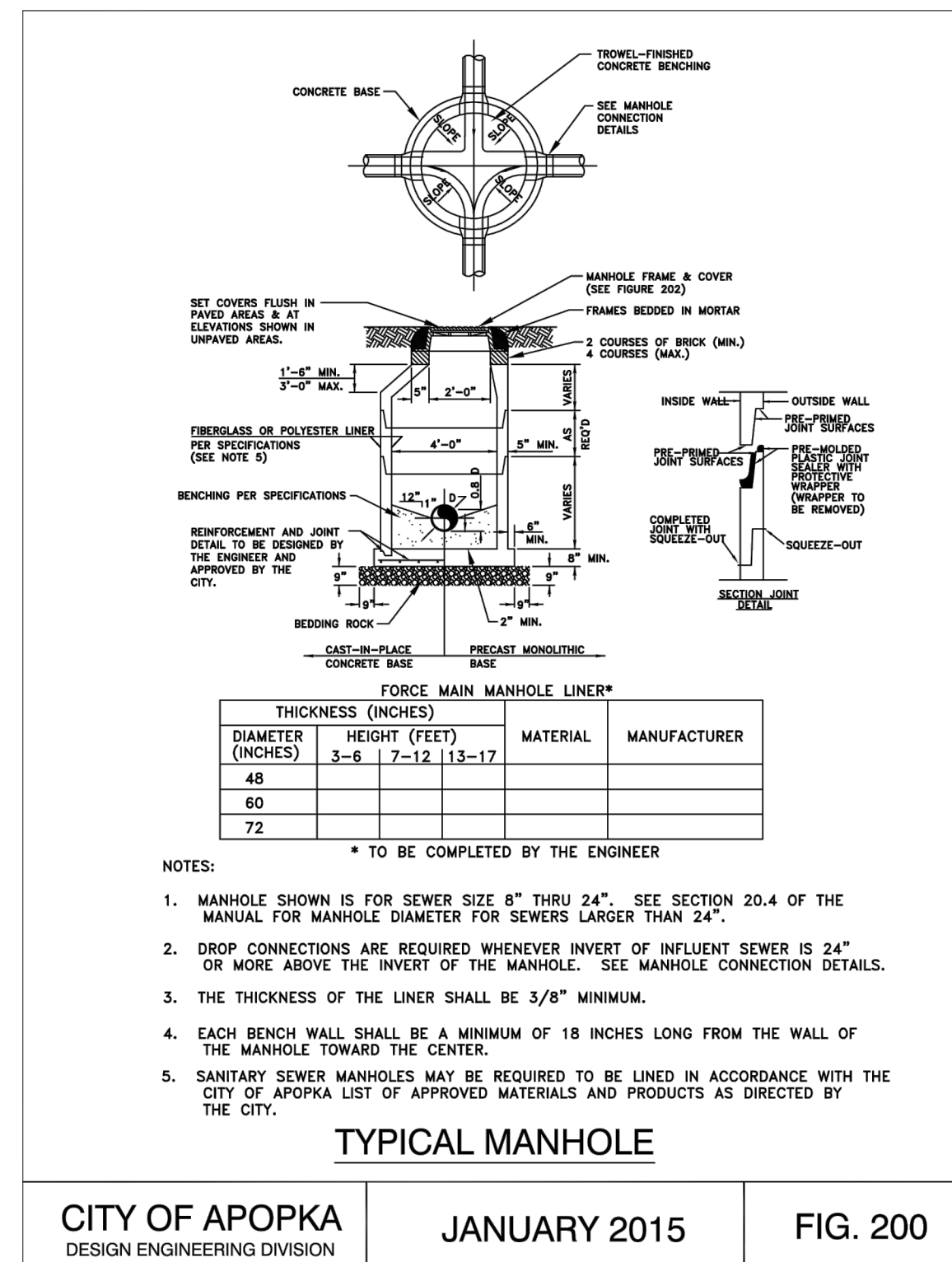
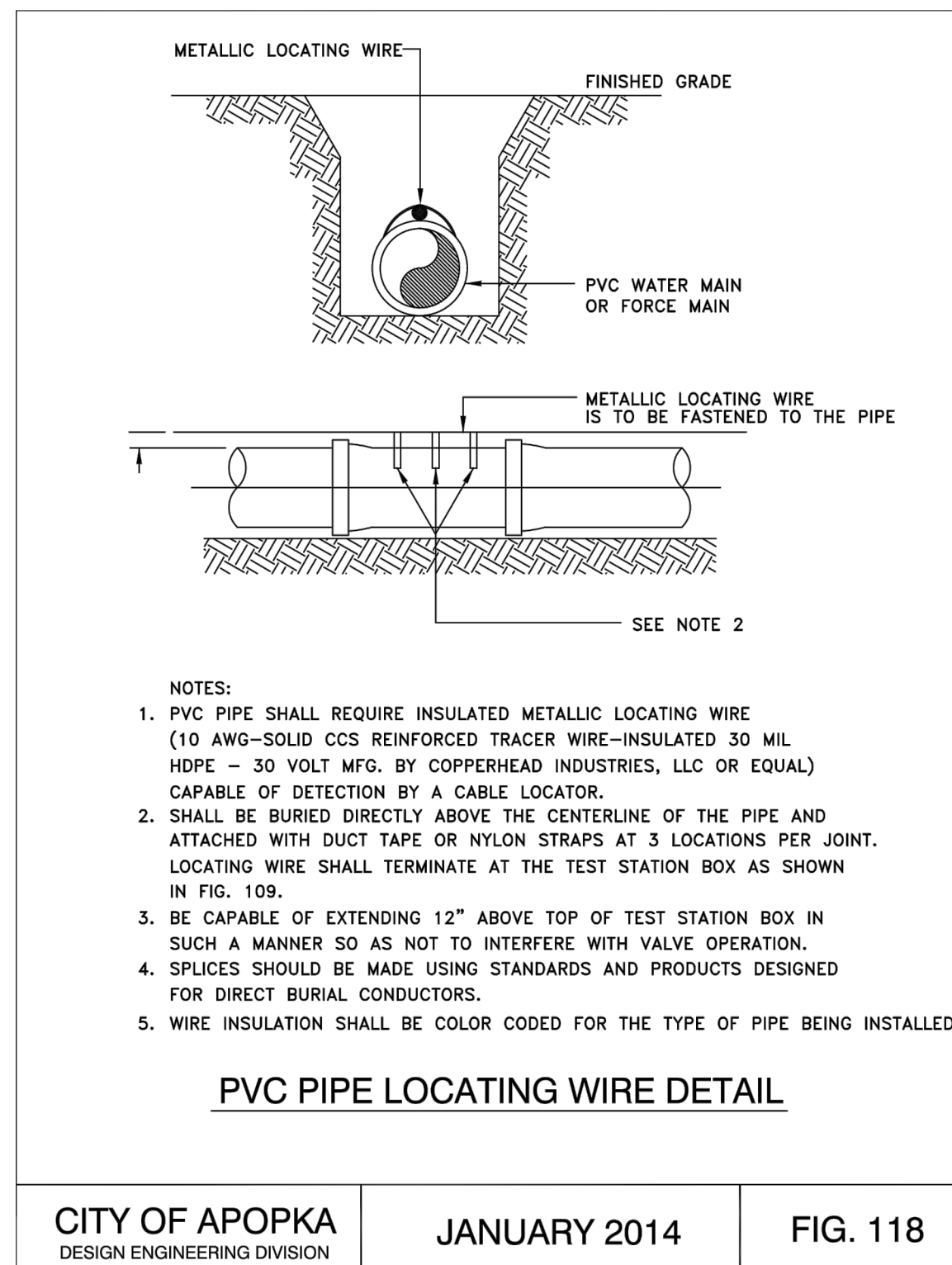
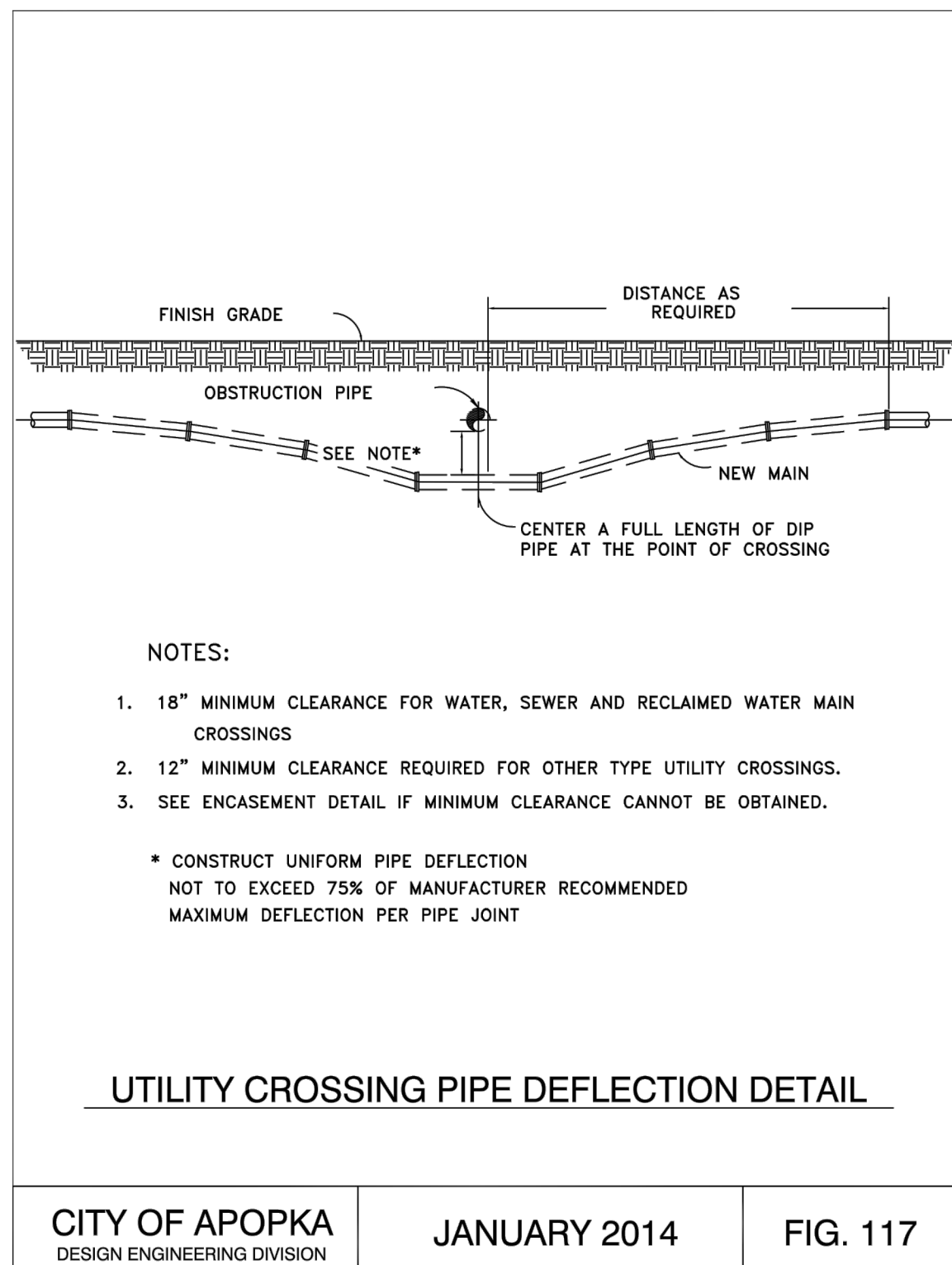
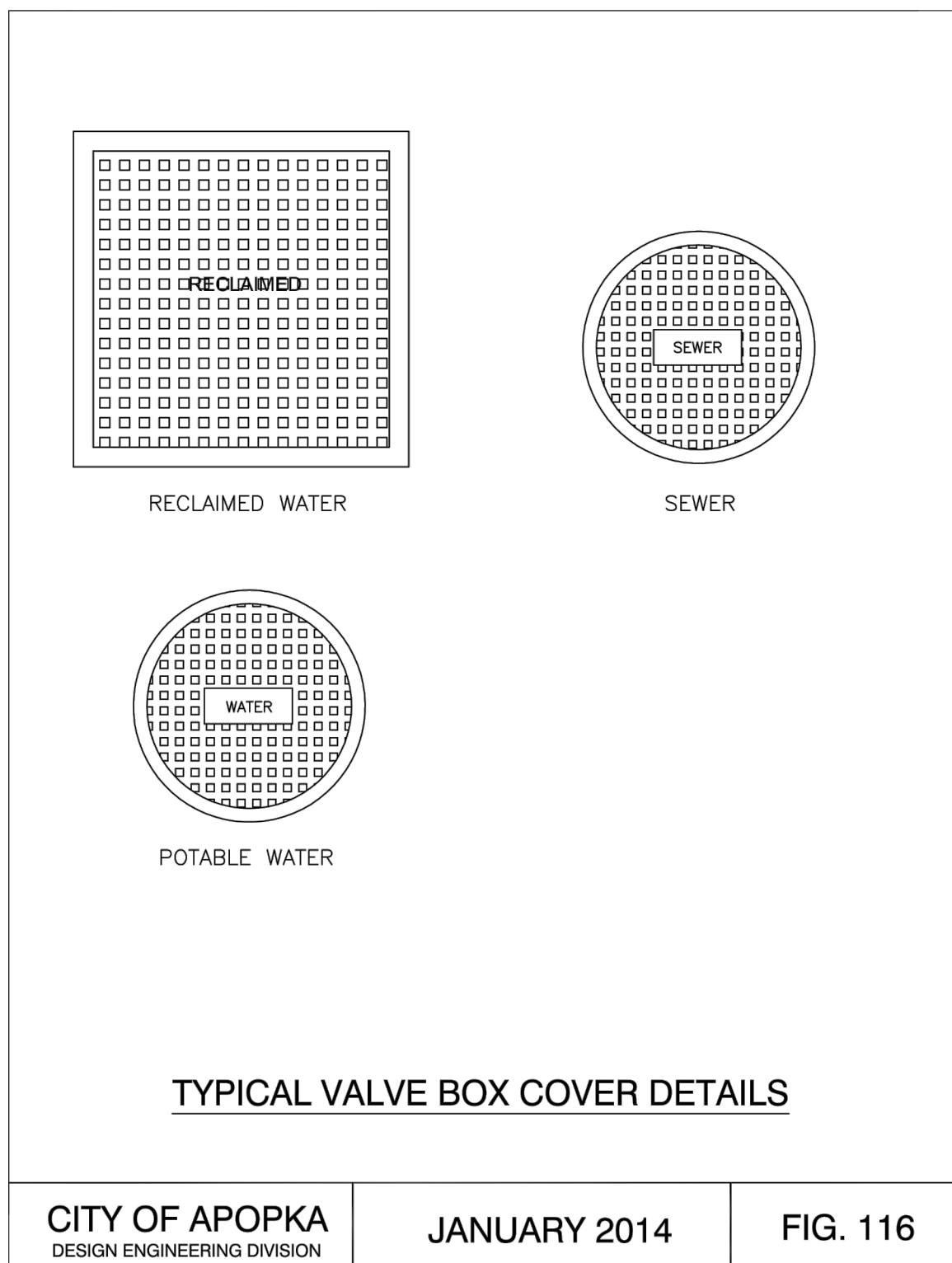
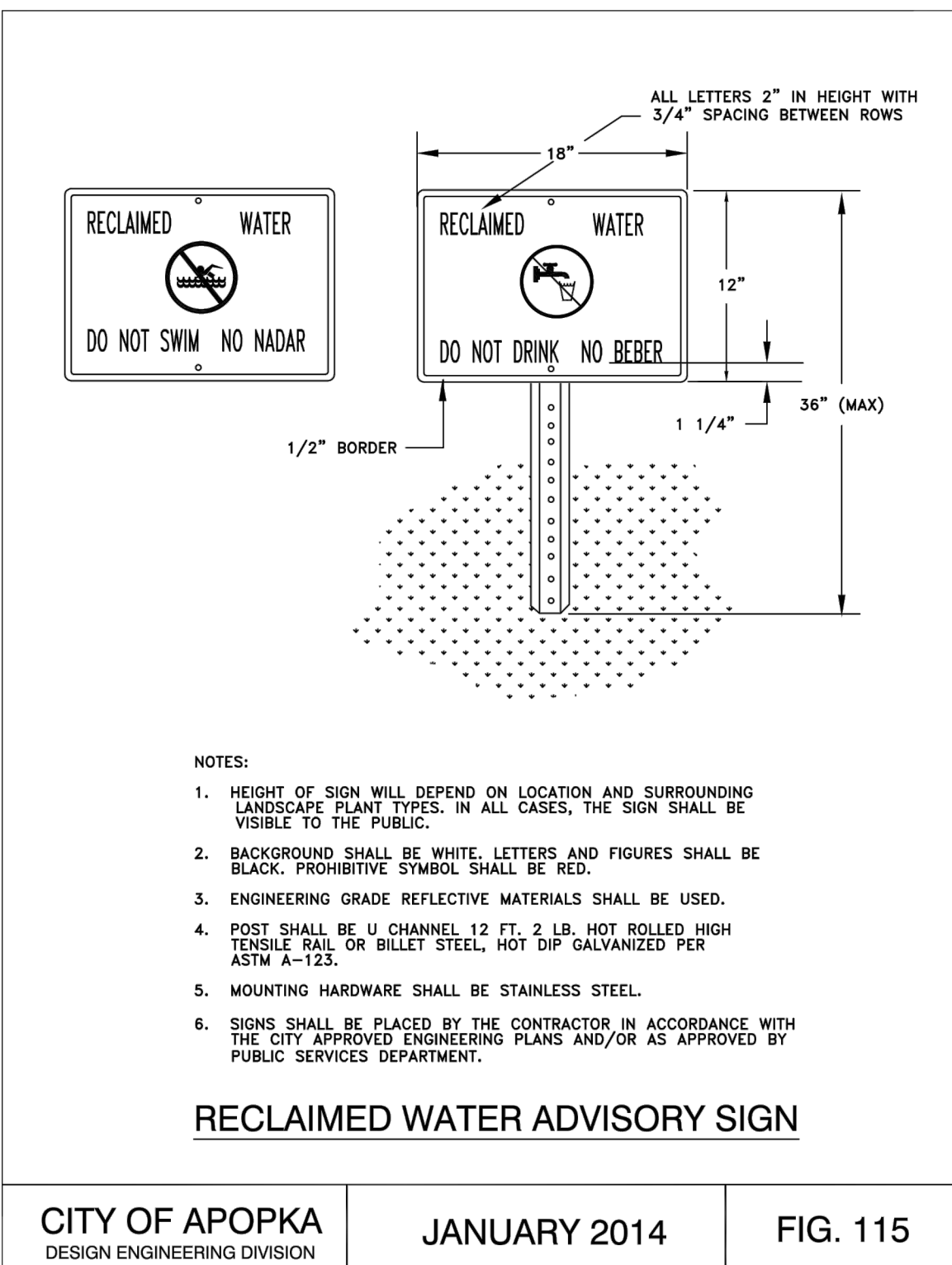
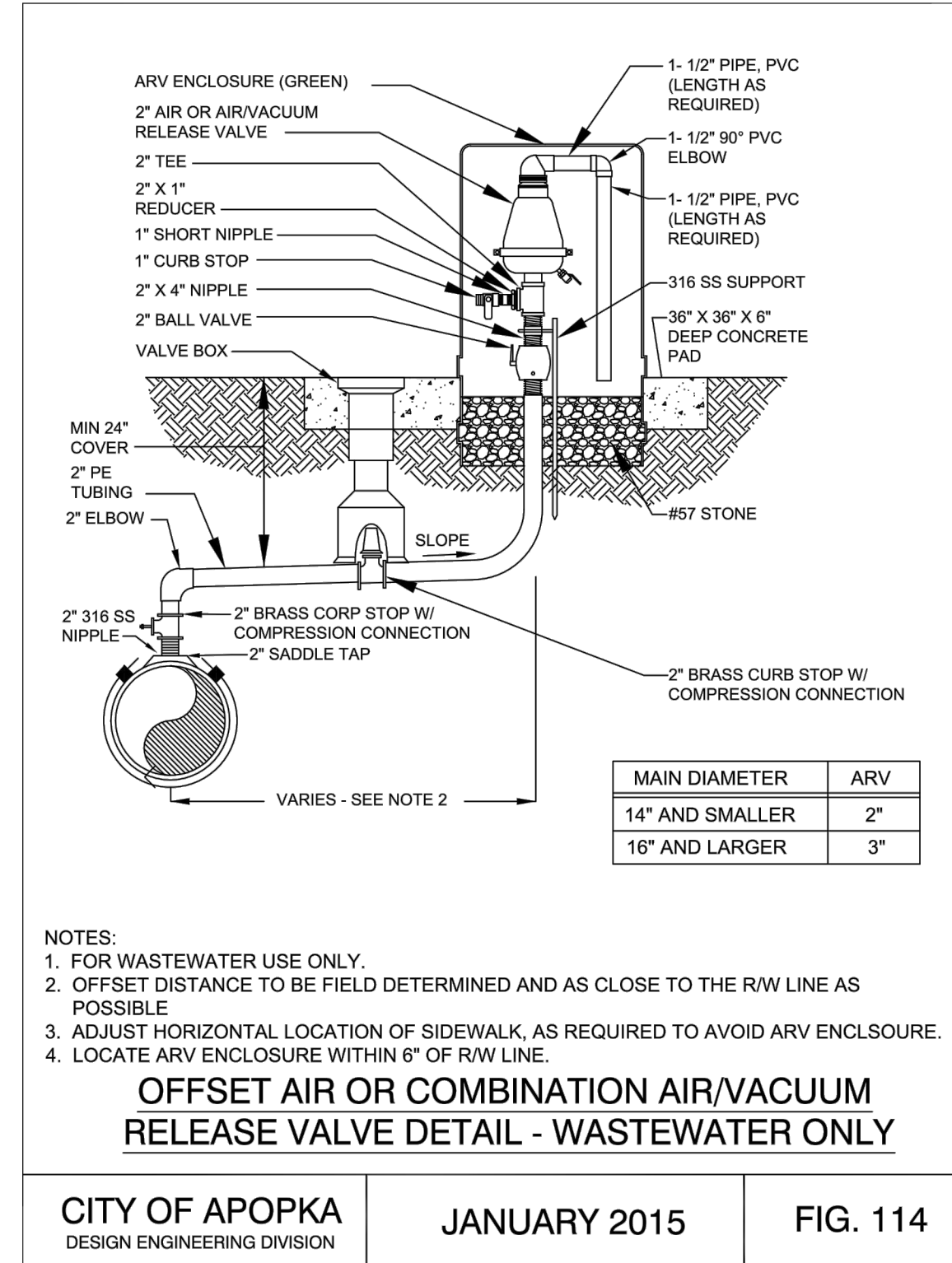
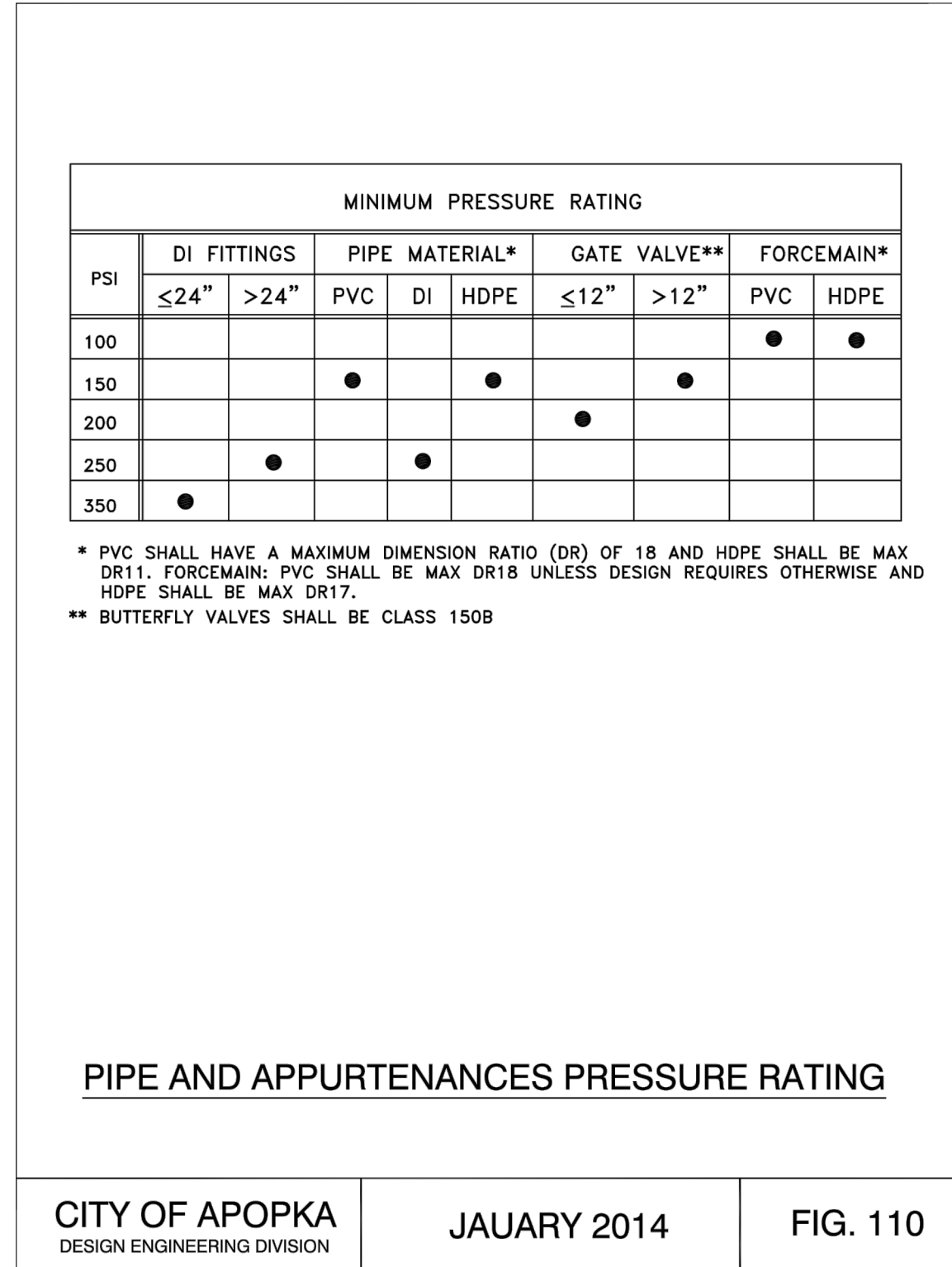
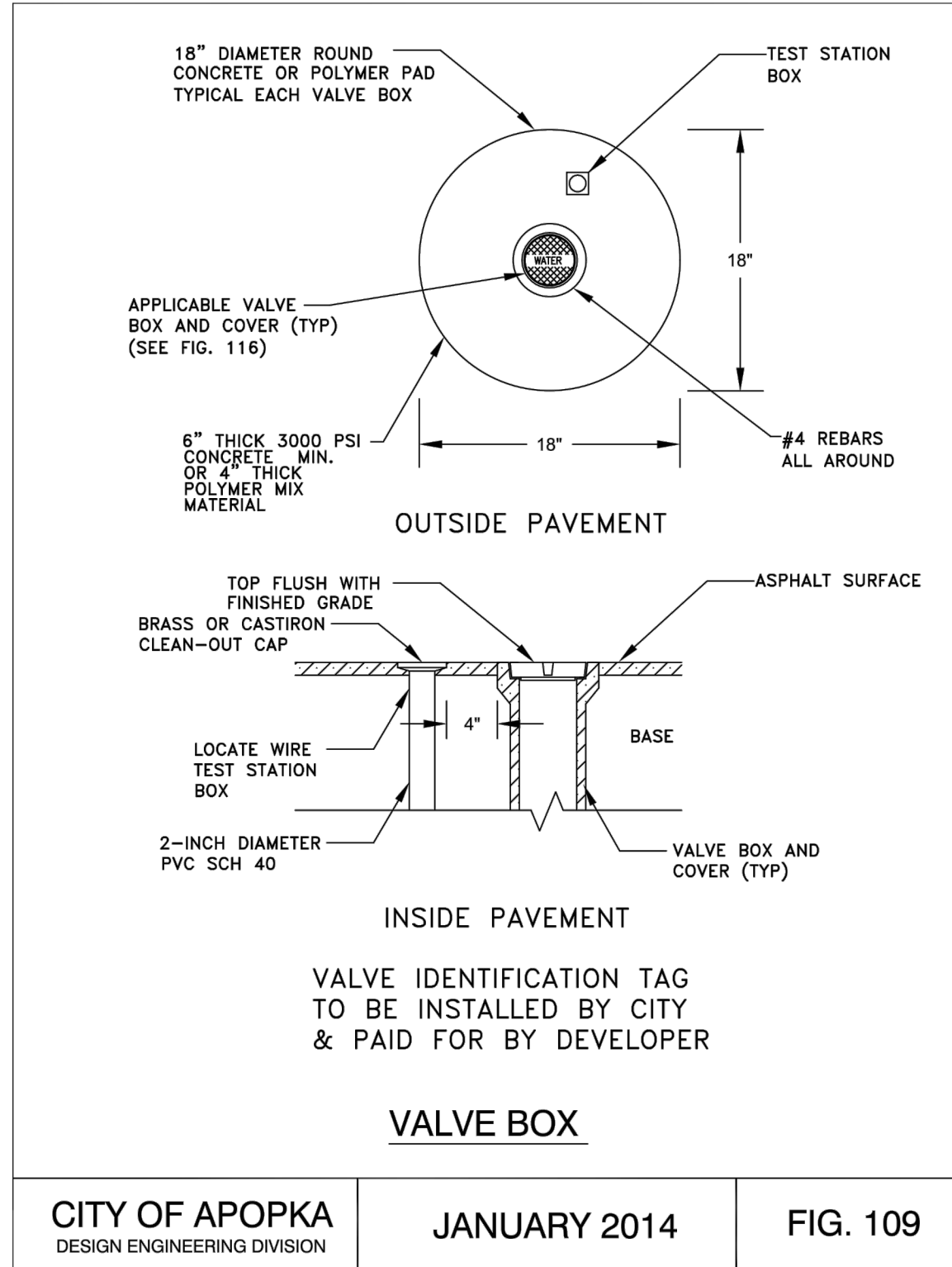
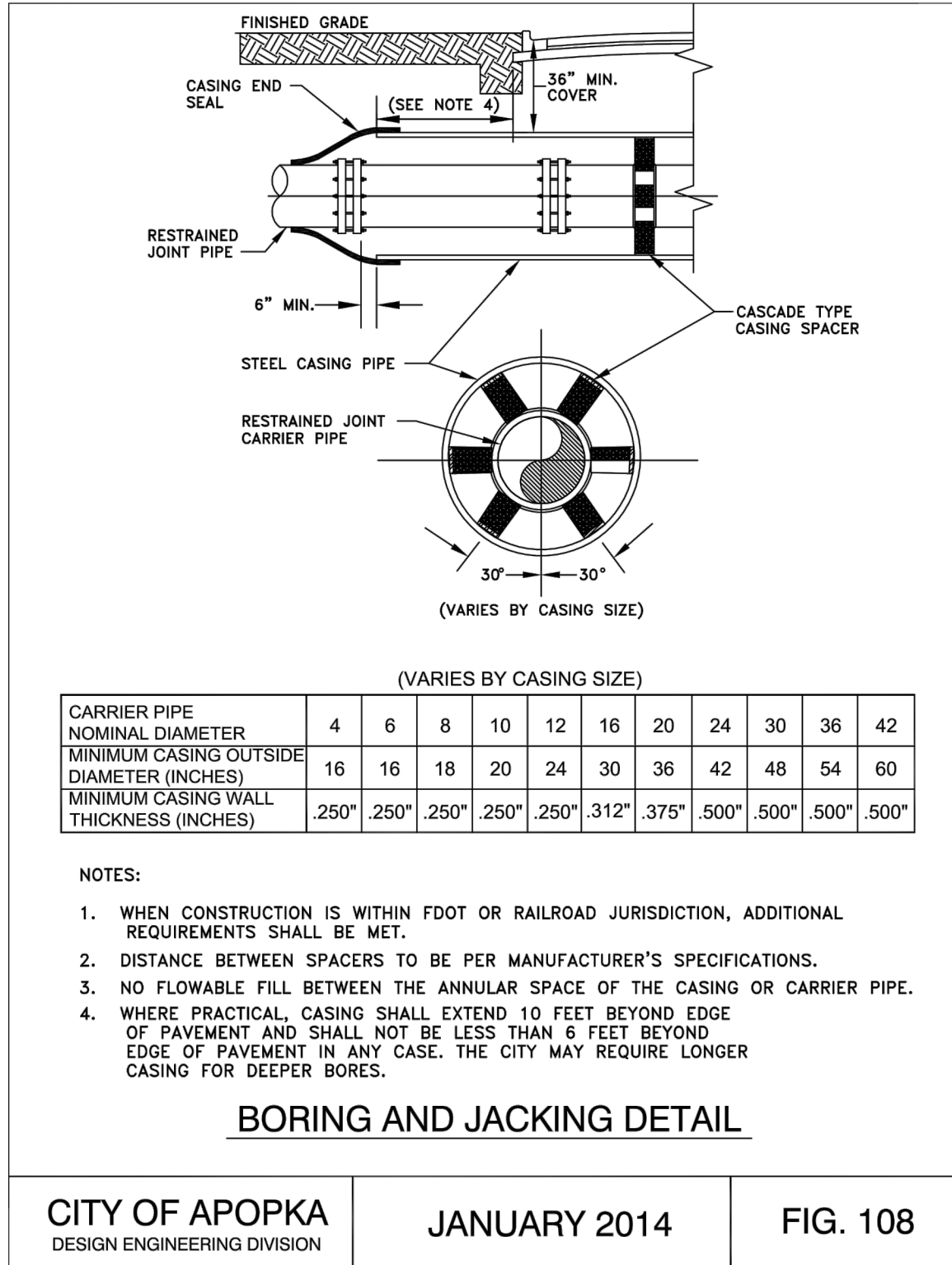
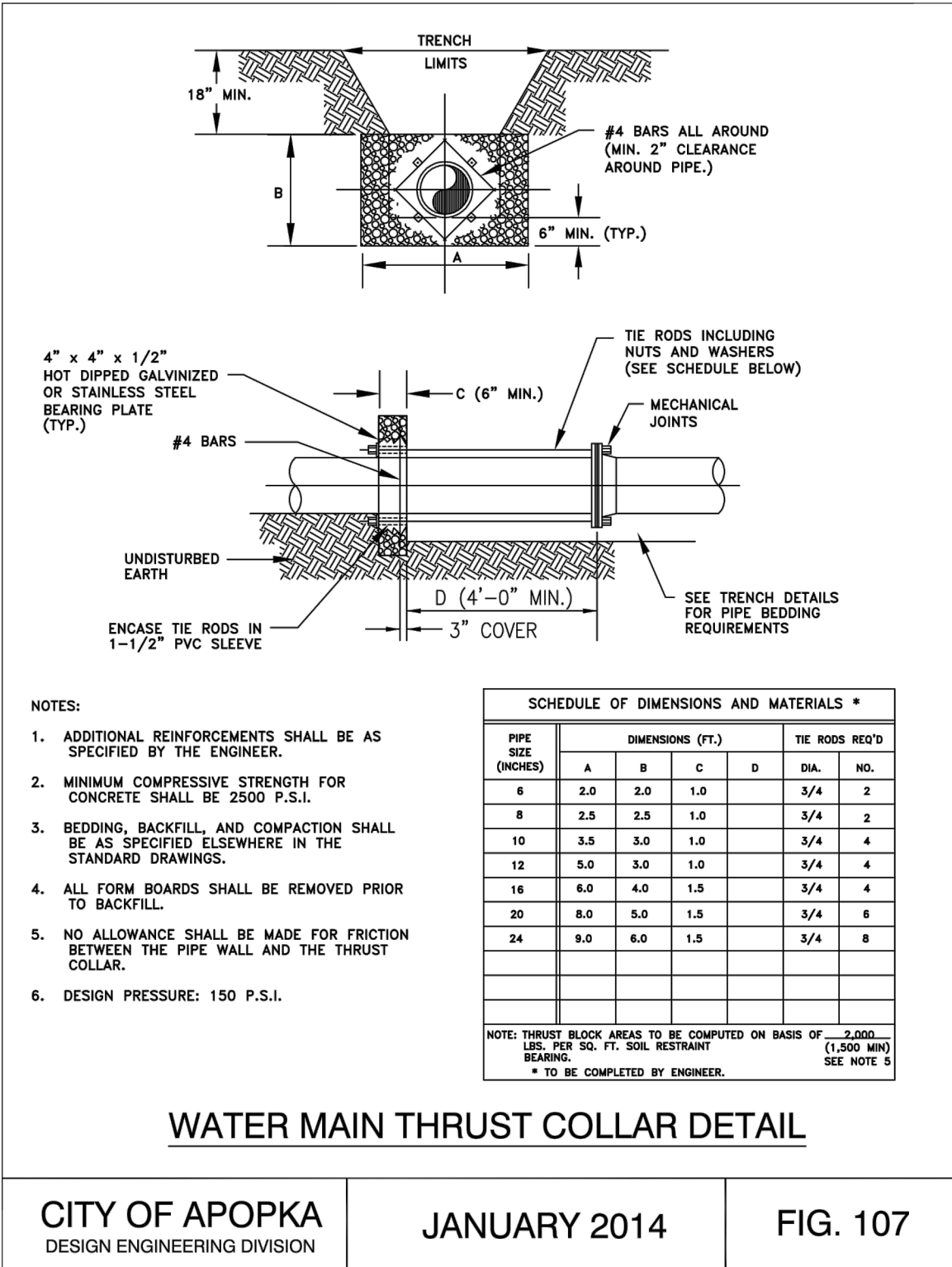
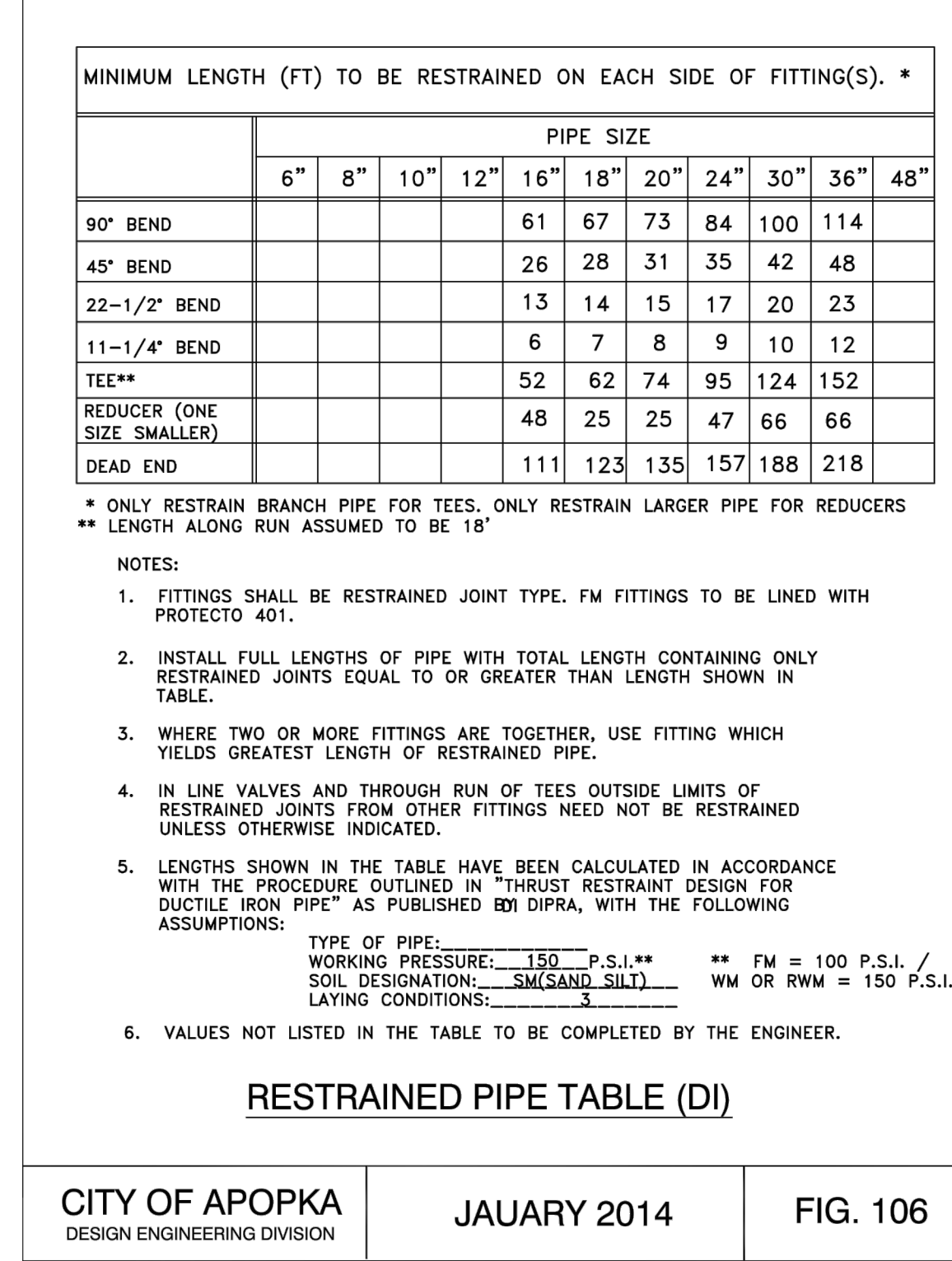
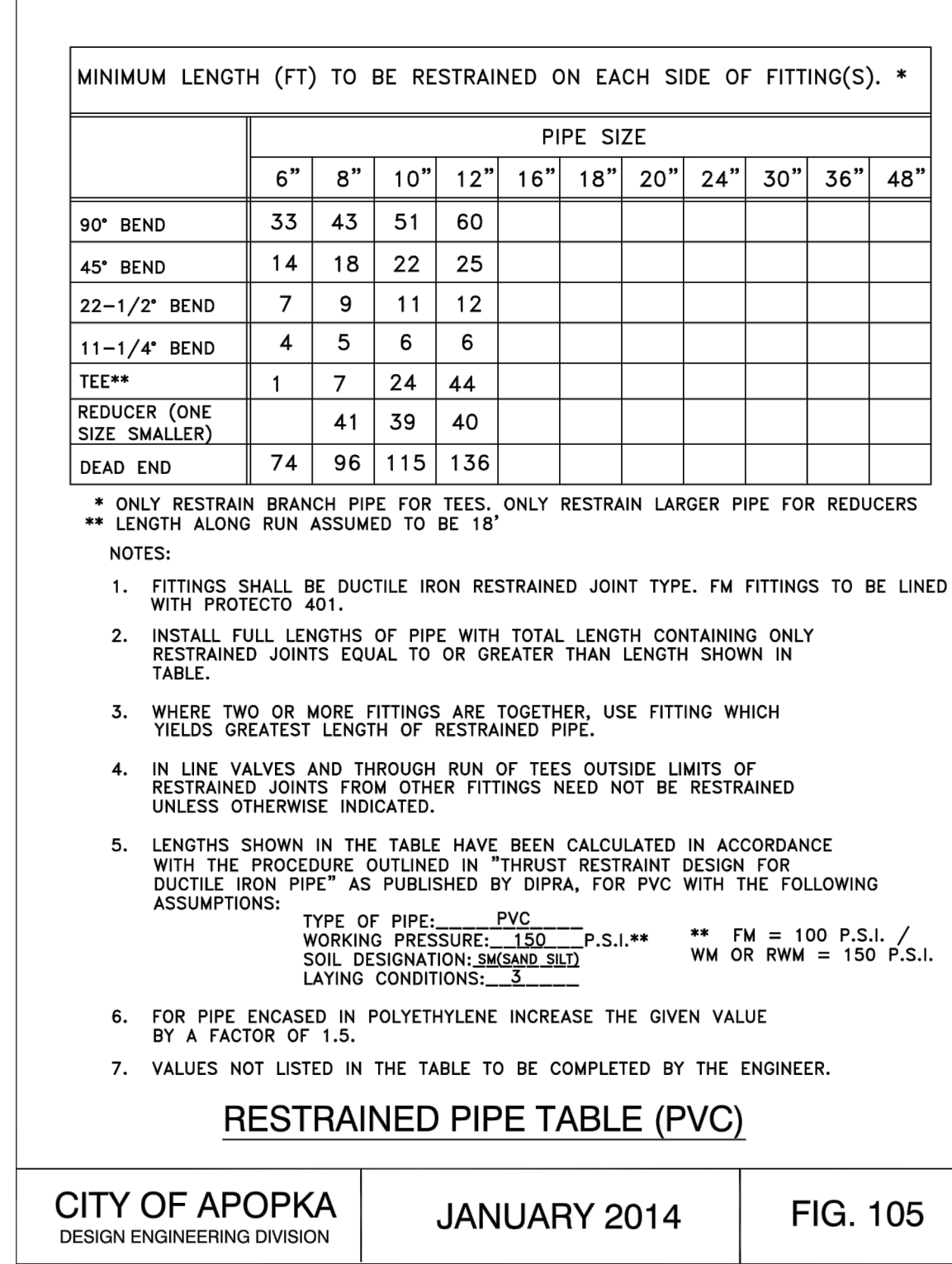
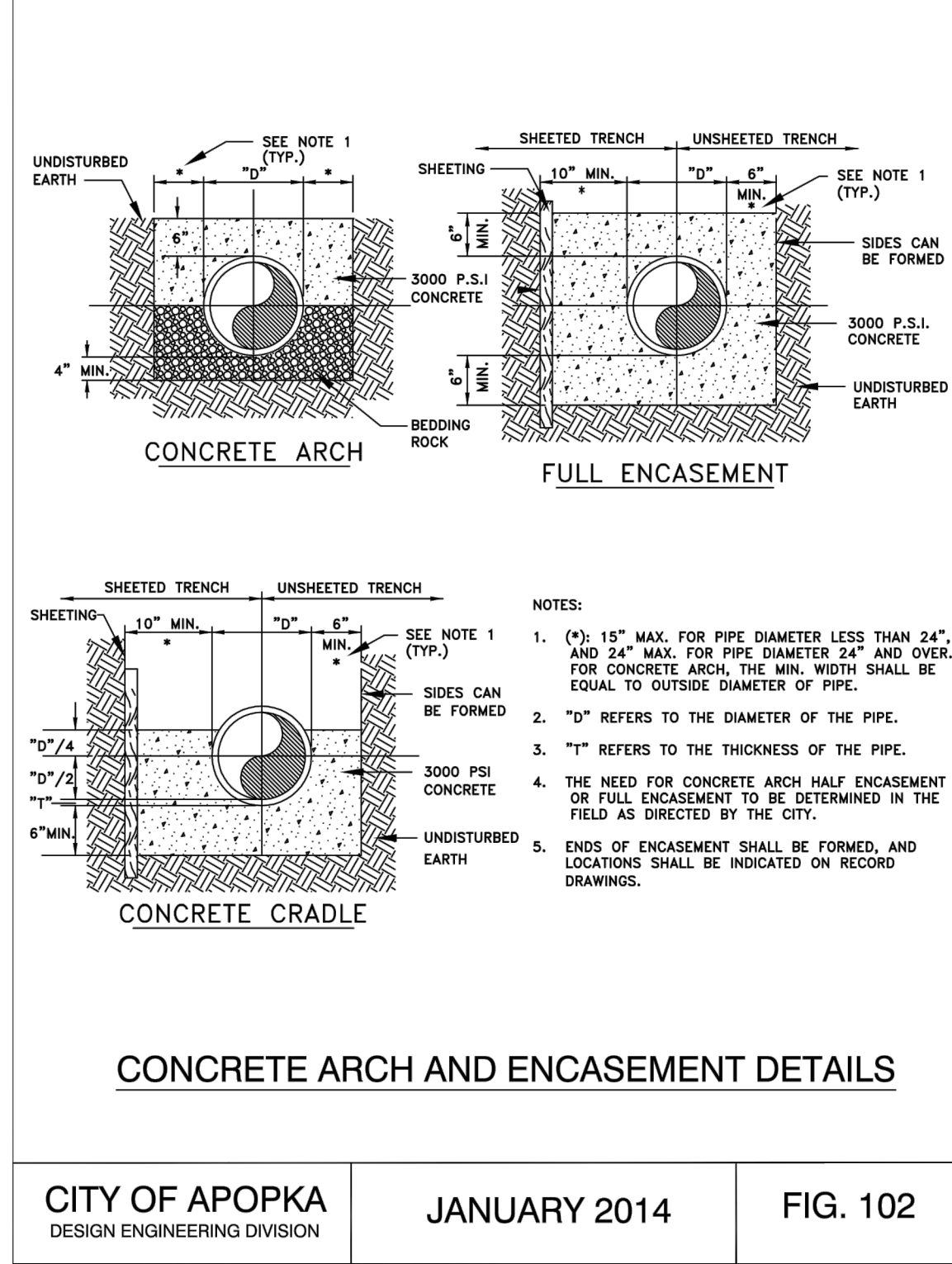
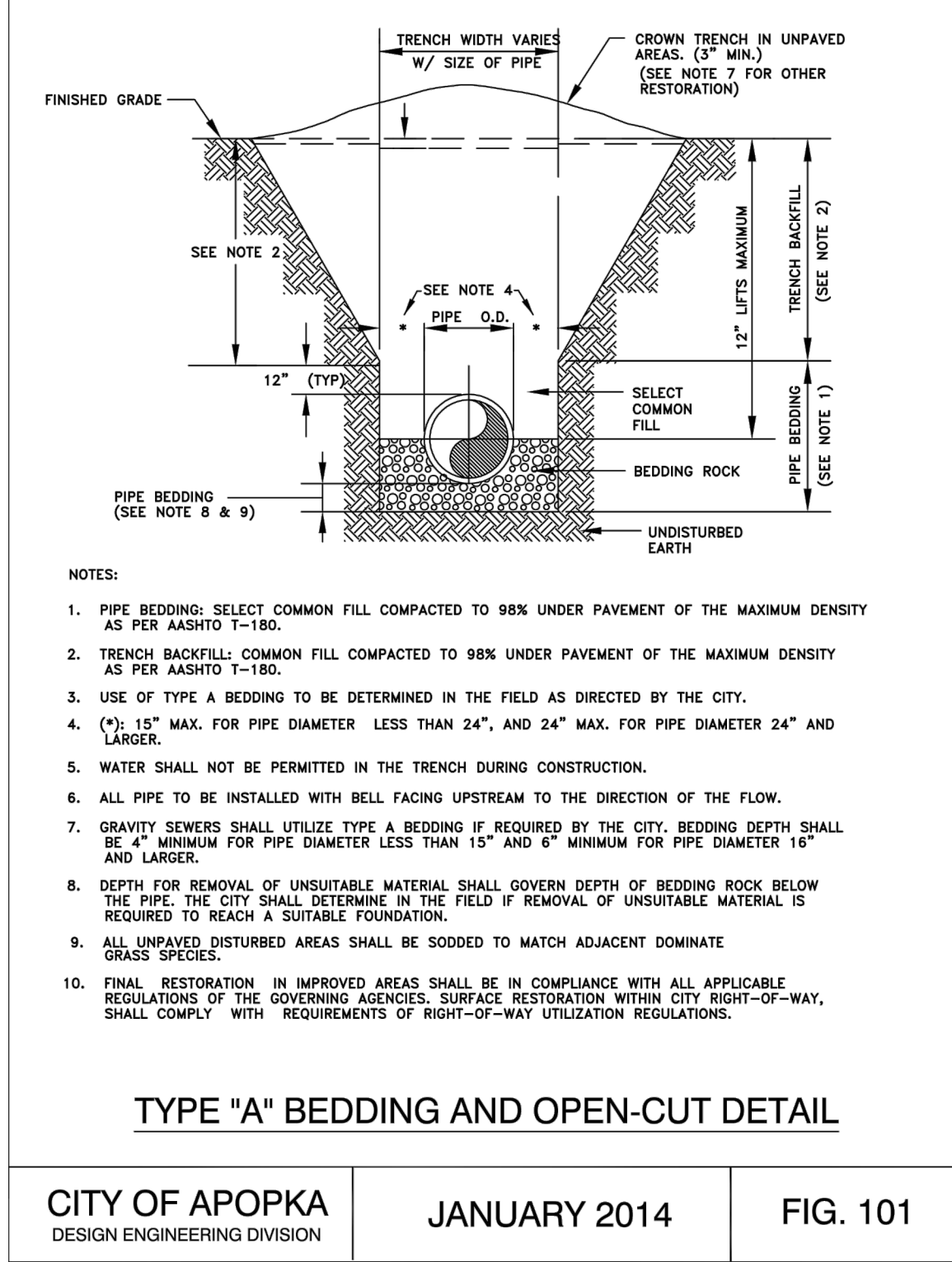
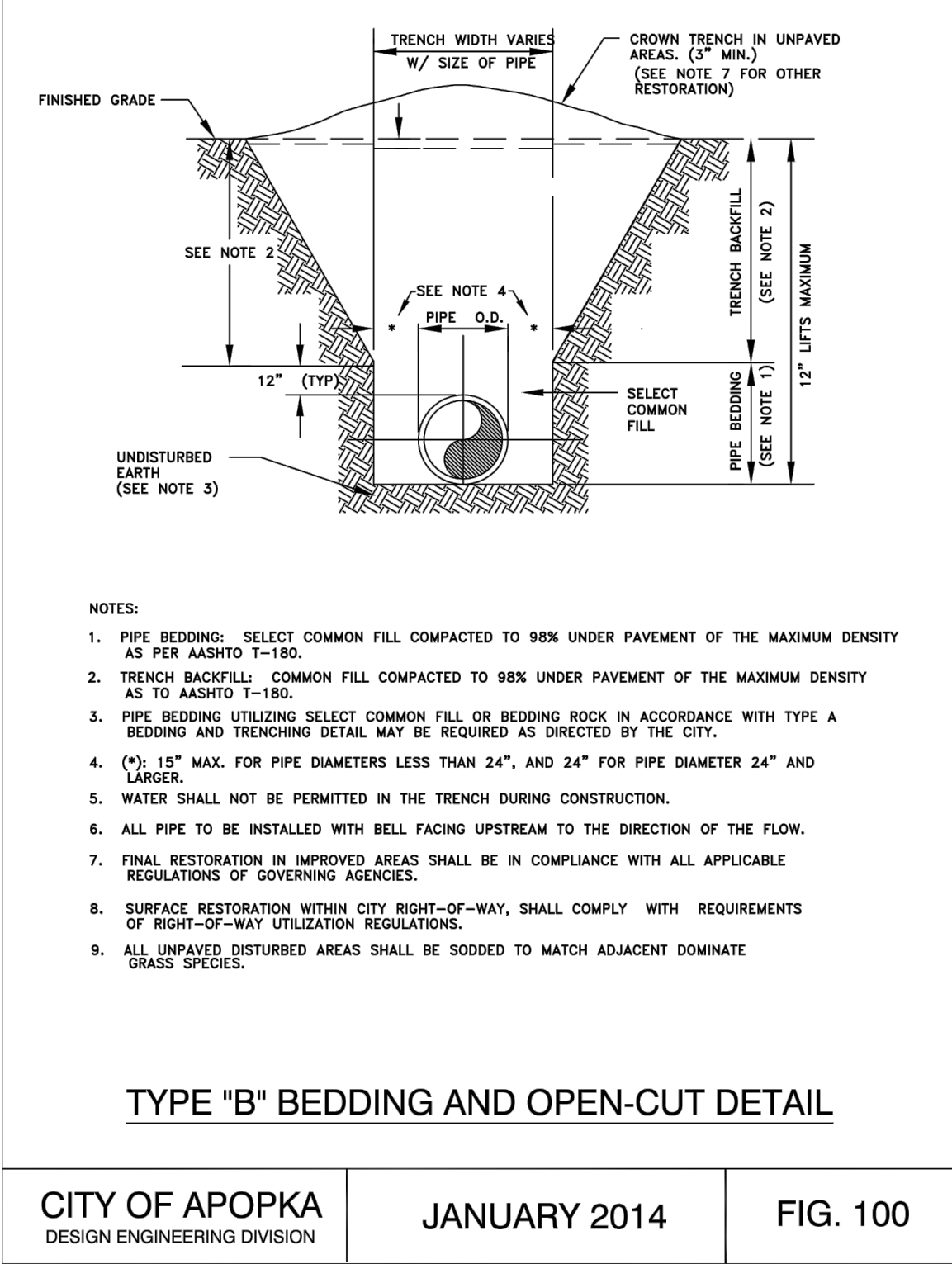
SHEET

EXPILTRATION DETAILS

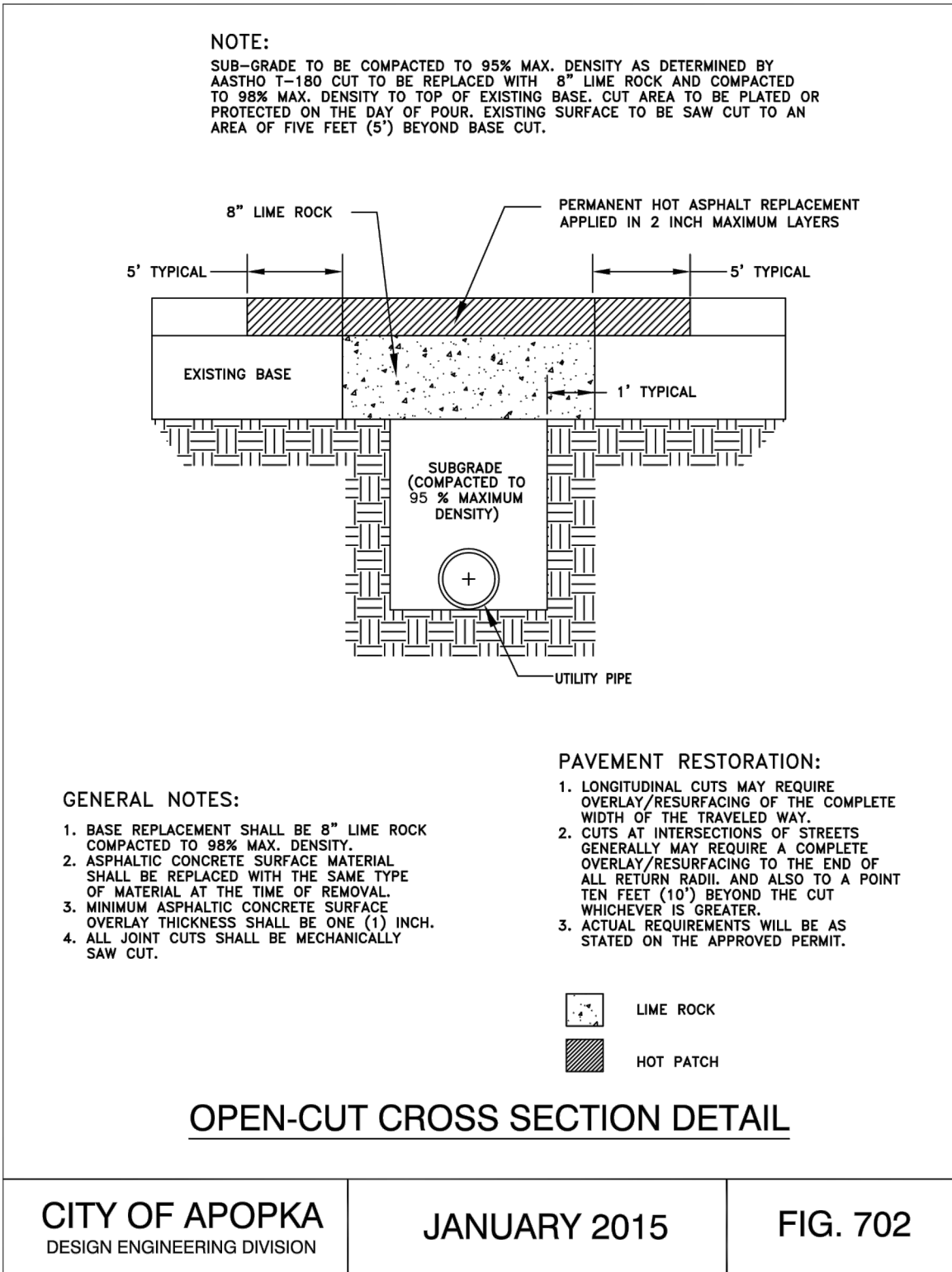
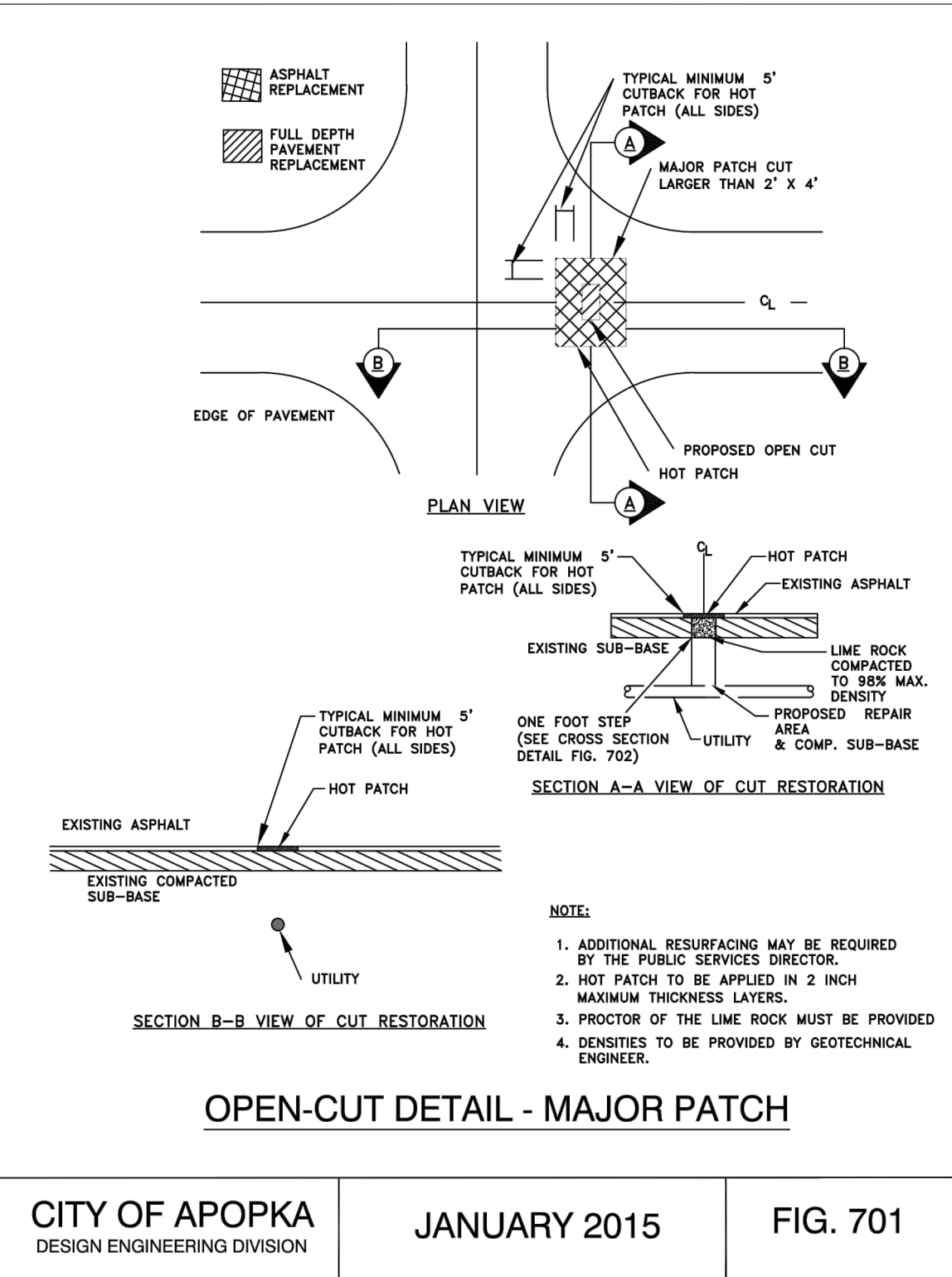
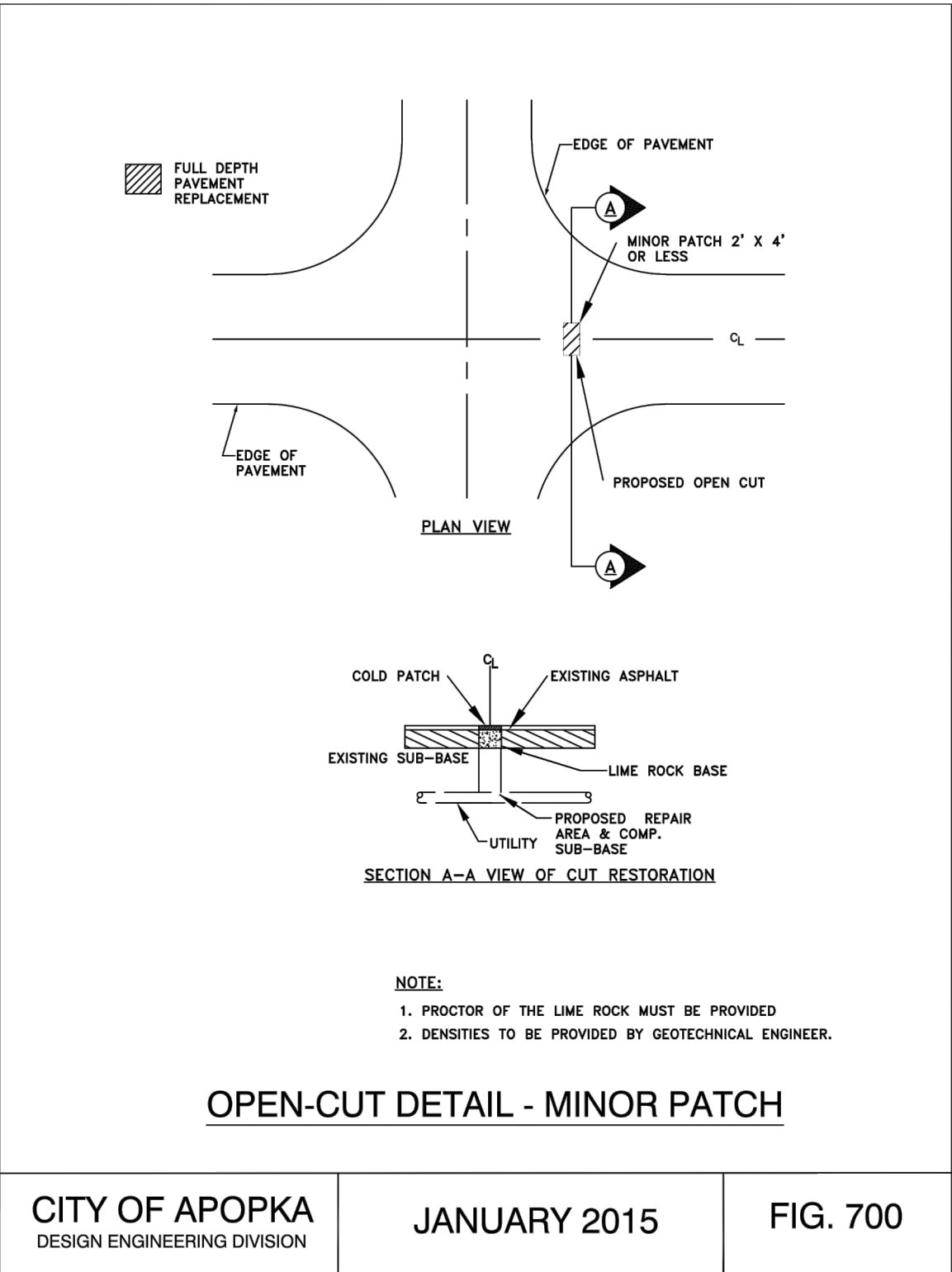
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2500 WINDY RIDGE
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ORLANDO, FL 32801
PHONE: 407-895-1511
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PROJECT

FLOOR & DECOR
APOPKA, FL

TBD SWC ORANGE BLOSSOM TRAIL &
LAKE VIEW DRIVE, FL 32712

ISSUE DATE: 04/25/2023
STORE NUMBER: T.B.D.
GROSS BLDG AREA : 77,901 SF
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PROTOTYPE: 2022 Q4

ISSUE

SEAL

JULY 18, 2023

SHEET
CITY OF APOPKA
DETAILS

DRAWN: BJW
CHECKED: BSA

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have underground utilities located and marked.



C8.2



CONSTRUCTION PLANS

NORTHWEST CHURCH

APOPKA, FLORIDA

OWNER: DIRECTIONS FELLOWSHIP, INC. (NORTHWEST CHURCH)
5495 CLARCONA OCOEE RD.
ORLANDO, FL 32810
PHONE: (407) 578-2088
EMAIL: PBRUNTON@NORTHWESTORLANDO.COM

APPLICANT: DIRECTIONS FELLOWSHIP, INC. (NORTHWEST CHURCH)
5495 CLARCONA OCOEE RD.
ORLANDO, FL 32810
PHONE: (407) 578-2088
EMAIL: PBRUNTON@NORTHWESTORLANDO.COM

DESIGN - BUILD CONTRACTOR: H.J. HIGH CONSTRUCTION COMPANY
105 W. AMELIA STREET
ORLANDO, FL 32805
PHONE: (407) 422-8171
EMAIL: RHIGH@HJHIGH.COM

ARCHITECT: EQUIP STUDIO
245 NORTH MAIN STREET, SUITE 200
GREENVILLE, SC 29601
PHONE: (864) 520-2086

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

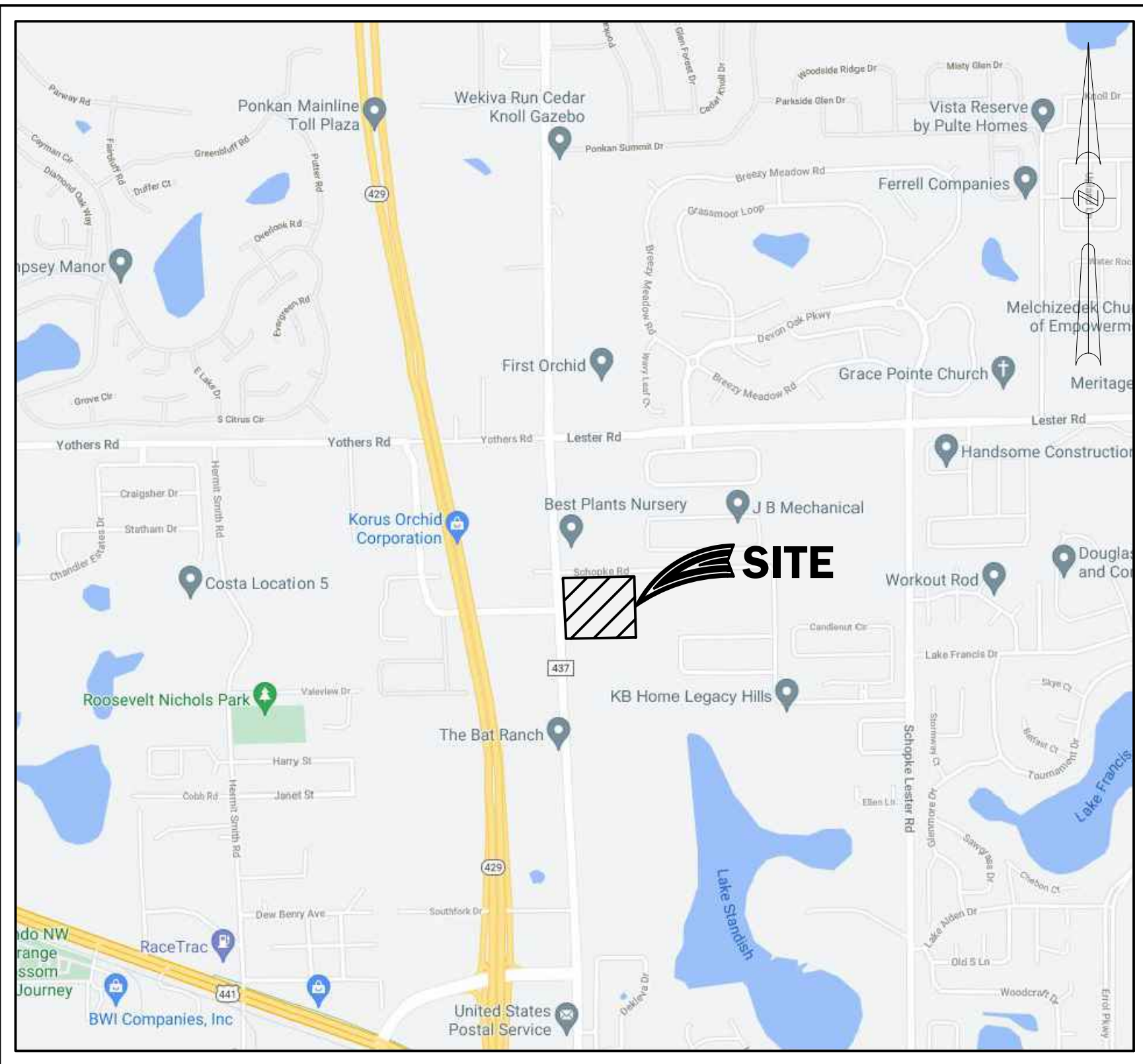
UTILITY COMPANIES

WATER: (407) 703-1731
SEWER: (407) 703-1731
ELECTRIC: (407) 905-3376
TELEPHONE: (850) 599-1444
CABLE: (407) 215-5870
GAS: (407) 656-2734

CITY OF APOPKA
CITY OF APOPKA
DUKE ENERGY
CENTURYLINK
CHARTER COMMUNICATIONS
LAKE APOPKA NATURAL GAS DISTRICT

PARCEL I.D. No. 06-21-28-7172-15-130

SITE VICINITY MAP



NOT TO SCALE

PROJECT STATEMENT: THIS PROJECT CONSISTS OF THE CONSTRUCTION OF A 23,217 S.F. CHURCH CAMPUS ON A 14.69 ACRE SITE. THE CHURCH USE WILL INCLUDE SUNDAY CHILDREN'S MINISTRY AS WELL AS WEEKDAY PROGRAMMING TO INCLUDE A DANCE / REHEARSAL SPACE, AND GROUP CLASSES, AND MUSIC REHEARSAL SPACE.

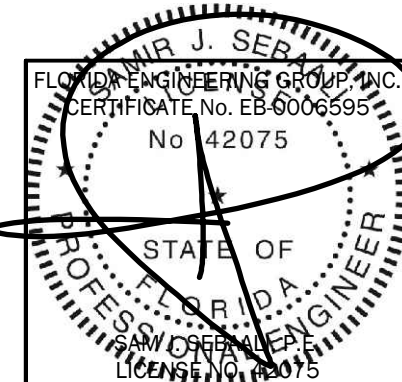


5127 S. Orange Avenue, Suite 200
Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325

www.feg-inc.us

PLAN INDEX

- C-1 COVER SHEET**
- C-2 BOUNDARY, TOPOGRAPHIC, AND TREE SURVEY**
- C-3 LEGEND, NOTES, AND SPECIFICATIONS**
- C-4 SITE DEMOLITION AND STORMWATER POLLUTION PREVENTION PLAN**
- C-5A SITE GEOMETRY PLAN**
- C-5B SITE GEOMETRY NOTES, TURN LANES MARKING, STRIPING, AND SIGHT DISTANCE PLAN**
- C-6A SITE PAVING, GRADING, AND DRAINAGE PLAN**
- C-6B SITE PAVING, GRADING, AND DRAINAGE NOTES**
- C-7 SITE UTILITY PLAN**
- C-8 SITE CONSTRUCTION DETAILS**
- C-9A CITY OF APOPKA WATER AND SEWER DETAILS (1 OF 2)**
- C-9B CITY OF APOPKA WATER AND SEWER DETAILS (2 OF 2)**
- C-10 LIFT STATION DETAILS**
- C-11A SITE CROSS SECTIONS (1 OF 2)**
- C-11B SITE CROSS SECTIONS (2 OF 2)**
- C-12 SITE FIRE TRUCK AUTO TURN PLAN**
- L-1 SITE LANDSCAPE PLAN**
- L-2 SITE IRRIGATION PLAN**



THIS ITEM, INCLUDING ANY BOUND SHEETS, HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY SAM J. SEBAALI, P.E. ON DECEMBER 14, 2022 USING A DIGITAL SIGNATURE.
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.
7/5/2023

SAM J. SEBAALI, P.E.
LICENSE NO. 42075

TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
OAK	6"	20
OAK	8"	11
OAK	10"	3
OAK	11"	2
OAK	12"	1
OAK	20"	1
OAK	22"	2
OAK	24"	3
OAK	26"	2
OAK	30"	2
OAK	46"	1
OAK	48"	1
OAK	50"	1
TRIPPLE OAK	22"	1
TWIN OAK	20"	1
TWIN OAK	22"	1

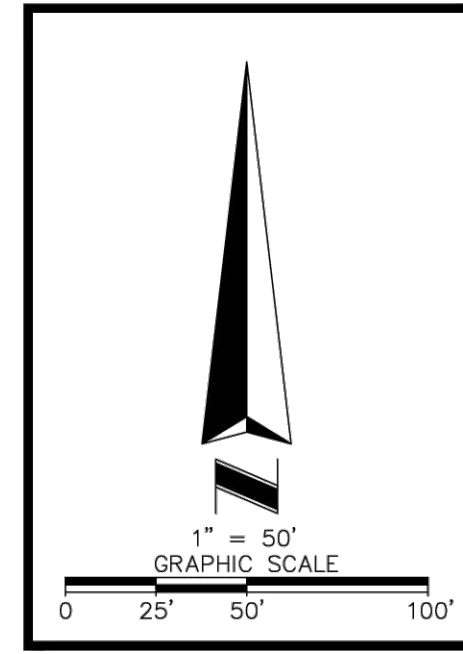
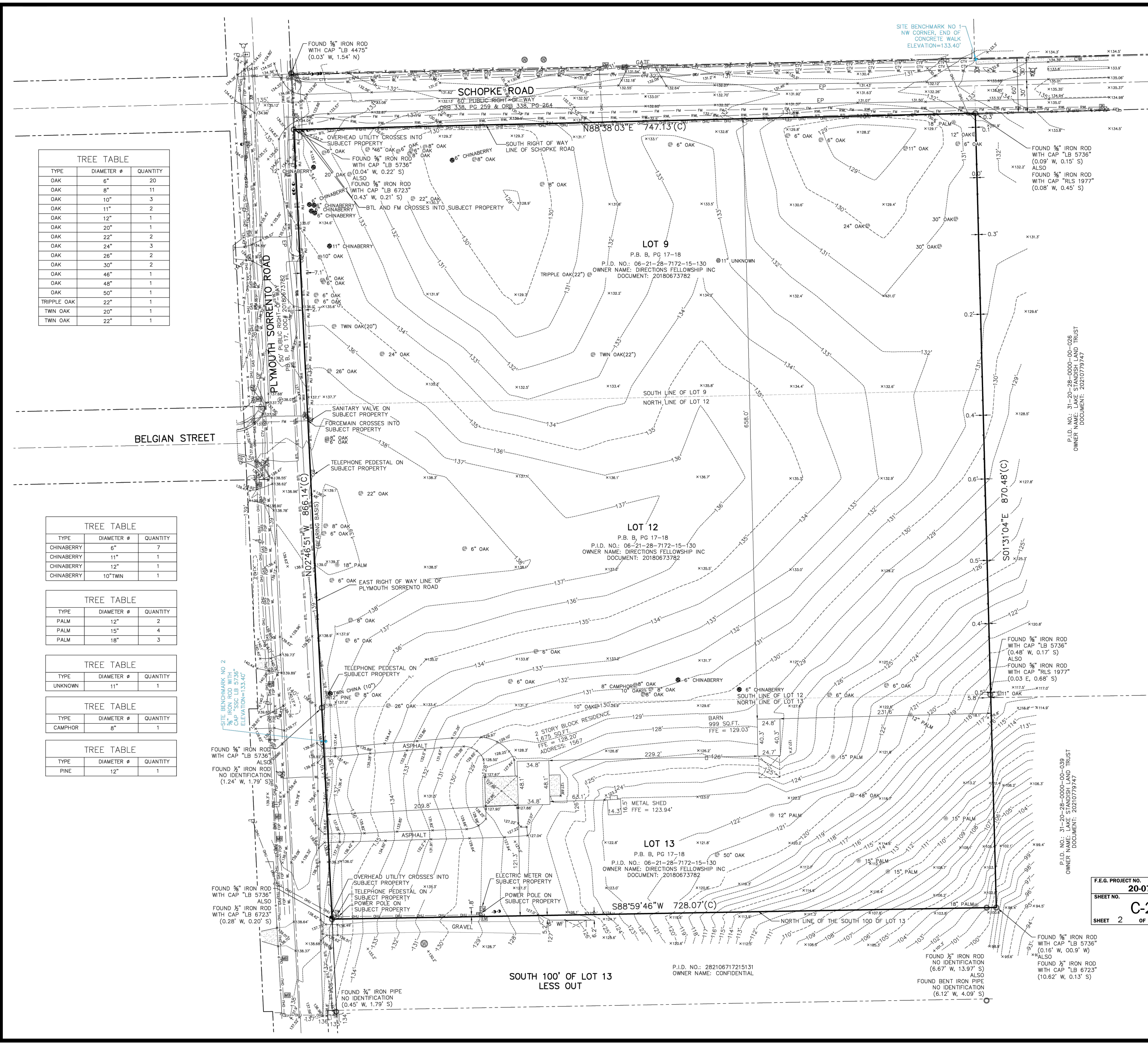
TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
CHINABERRY	6"	7
CHINABERRY	11"	1
CHINABERRY	12"	1
CHINABERRY	10" TWIN	1

TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
PALM	12"	2
PALM	15"	4
PALM	18"	3

TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
UNKNOWN	11"	1

TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
CAMPHOR	8"	1

TREE TABLE		
TYPE	DIAMETER Ø	QUANTITY
PINE	12"	1



LEGAL DESCRIPTION

LOTS 9, 12 & 13 (LESS SOUTH 100 FEET), BLOCK O, MAP OF PLYMOUTH, A SUBDIVISION ACCORDING TO THE MAP OR PLAT THEREOF AS RECORDED IN PLAT BOOK B, PAGES 17 & 18, OF THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.

LESS AND EXCEPT

PLYMOUTH SORRENTO ROAD ON THE WEST AND SCHOPKE ROAD ON THE NORTH.

SURVEYOR'S NOTES

1. BEARINGS SHOWN HEREON ARE BASED ON EAST RIGHT-OF-WAY LINE OF PLYMOUTH SORRENTO ROAD, WHICH BEARS N02°46'51"W, PER ASSUMED DATUM.
2. ALL STATEMENTS WITHIN THE CERTIFICATION, AND OTHER REFERENCES LOCATED ELSEWHERE HEREON, RELATED TO: UTILITIES, IMPROVEMENTS, STRUCTURES, BUILDINGS, PARTY WALLS, PARKING, EASEMENTS, SERVITUDES, AND ENCROACHMENTS ARE BASED SOLELY ON INSPECTION AND LOCATION OF ABOVE-GROUND, VISIBLE EVIDENCE, UNLESS ANOTHER SOURCE OF INFORMATION IS SPECIFICALLY REFERENCED HEREON.
3. BUILDING TIES SHOULD NOT BE USED TO RE-ESTABLISH BOUNDARY LINES.
4. THE SURVEYOR HAS NOT ABSTRACTED THE LAND SHOWN HEREON FOR EASEMENTS, RIGHT-OF-WAY OR RESTRICTIONS OF RECORD WHICH MAY AFFECT THE TITLE OR USE OF LAND, NOR WAS ANY TITLE WORK PROVIDED TO THIS SURVEYOR BY THE CLIENT.
5. NOT VALID WITHOUT THE CERTIFIED ELECTRONIC SIGNATURE AND SEAL OF A FLORIDA LICENSED PROFESSIONAL SURVEYOR & MAPPER PER FAC 5J-17.062(2) AND 5J17.062(3).
6. NO REVISIONS MAY BE MADE TO THIS BOUNDARY WITHOUT THE WRITTEN, EXPRESSED CONSENT OF THE SIGNING SURVEYOR.
7. ALL RECORDING INFORMATION SHOWN HEREON REFERS TO THE PUBLIC RECORDS OF ORANGE COUNTY, FLORIDA.
8. VERTICAL INFORMATION BASED ON: BENCHMARK U 429 HAVING A PUBLISHED ELEVATION OF 102.09' (NAVD 88) DESCRIBED AS: DISK SET IN TOP OF CONCRETE MONUMENT STAMPED "U 429 1994".
9. TREES SHOWN HEREON ARE DESCRIBED BY SPECIES AND DIAMETER OF TRUNK AT BREAST HEIGHT.

UNDERGROUND UTILITIES

UNDERGROUND UTILITIES, AS SHOWN, ARE PER SUB-SURFACE EXCAVATION OR EXPLORATION PERFORMED BY GEORGE F. YOUNG, ON 09-21-22, FOR THE PURPOSE OF PREPARING THIS SURVEY. ONLY VISIBLE SURFACE EVIDENCE OF UTILITIES WAS FIELD LOCATED BY THIS SURVEYOR.

FLOOD INFORMATION

BY GRAPHIC PLOTTING ONLY, THIS PROPERTY LIES WITHIN ZONE "X", AS SHOWN ON THE FLOOD INSURANCE RATE MAP, COMMUNITY PANEL NO. 120180 0110 F (MAP NO. 12095C0110F), WHICH BEARS AN EFFECTIVE DATE OF 9/25/2009, AND IS NOT IN A SPECIAL FLOOD HAZARD AREA. NO FIELD SURVEYING WAS PERFORMED TO DETERMINE THIS ZONE. ZONE "X" DENOTES AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

LEGEND AND ABBREVIATIONS		
CONCRETE SURFACE	UTILITY POLE	GUY ANCHOR
○ CALCULATED DATA	○ ELECTRIC METER	○ SANITARY VALVE
○ CONCRETE WALK	○ FIRE HYDRANT	○ WATER VALVE
EP EDGE OF PAVEMENT	○ RECLAIM WATER METER	
FB FINISHED FLOOR ELEVATION	○ TELEPHONE PEDESTAL	
LB LICENSED BUSINESS	○ CABLE TV PEDESTAL	
ORB OFFICIAL RECORDS BOOK	○ GAS UTILITY MARKER	
PLAT BOOK	○ SIGNS	
PG PAGE(S)	○ MAIL BOX	
PS PROFESSIONAL SURVEYOR	○ BENCHMARK	
AND MAPPER	○ RECOVERED MONUMENT AS NOTED	
WM WOOD FENCE	FM FORCE MAIN	
USE BURIED UTILITY LINE	BTL BURIED TELEPHONE LINE	
○ BURIED ELECTRIC LINE		
○ BURIED CABLE TV LINE		
○ BURIED FIBER OPTIC LINE		
○ BURIED TELEPHONE LINE		
○ BURIED GAS LINE		
○ BURIED WATER LINE		
FM FORCE MAIN LINE		
○ OVERHEAD UTILITY LINE		
○ CENTERLINE		
○ RIGHT-OF-WAY LINE		
○ RECLAIM WATER LINE		

F.E.G. PROJECT NO. 20-077
SHEET NO. C-2
SHEET 2 OF 18

SHEET 1 OF 1

EVERETT SURVEYING & MAPPING, INC. 3014 N. W. 10th Ave., Suite 200, Ft. Lauderdale, FL 33309
E. GLENN TURNER PSW #5643
DATE 2022/07/27 10:30:27 AM

TECH SW
DATE 10-04-22
REVISIONS
DATE 10-04-22
REVISIONS

BOUNDARY, TOPOGRAPHIC AND TREE SURVEY OF NORTHWEST CHURCH 1567 PLYMOUTH SORRENTO ROAD SECTION 31, TOWNSHIP 20 SOUTH, RANGE 28 EAST APOPKA, FLORIDA ORANGE COUNTY

ASM AMERICAN SURVEYING & MAPPING, INC. NDPS DILIGENCE SERVICES 3101 N. W. 10th Ave., Suite 200, Ft. Lauderdale, FL 33309
407-450-3979
407-450-3979

JOB NO. 210240
SCALE: 1" = 50'
FIELD DATE: 3/4/2021
FIELD BY: JW
DRAWN BY: JLS
APPROVED BY: EGT
DRAWING FILE # 210240 - 1567 PLYMOUTH SORRENTO RD
BNDY-TPDQ_LWG

					GENERAL NOTES: 1. THESE GENERAL NOTES APPLY TO ALL WORK IN THIS SET OF DRAWINGS. 2. 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. 3. THE SPECIFICATIONS, NOTES, AND PLANS CALL ATTENTION TO CERTAIN REQUIRED FEATURES OF THE CONSTRUCTION BUT DO NOT PURPORT TO COVER ALL DETAILS OF DESIGN AND CONSTRUCTION. HOWEVER, THE CONTRACTOR SHALL FURNISH & INSTALL THE WORK IN ALL DETAILS AND READY FOR OPERATION. 4. ALL EQUIPMENT SHALL BE HANDLED, STORED, INSTALLED, TESTED, AND OPERATED IN STRICT ACCORDANCE WITH THE APPLICABLE MANUFACTURER'S WRITTEN INSTRUCTIONS. 5. ALL WORK SHALL BE ACCOMPLISHED TO THE HIGHEST QUALITY CRAFTSMANSHIP STANDARDS AS APPROVED BY THE ENGINEER. 6. ALL WORK SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES, ORDINANCES AND REGULATIONS. 7. APPARENT ERRORS, DISCREPANCIES, OR OMISSIONS ON THE DRAWINGS SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION BEFORE BIDDING. 8. AFTER COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL PERFORM SITE CLEAN-UP OPERATIONS FOR REMOVAL OF ALL TRASH, DEBRIS, EXCESS MATERIAL, AND EQUIPMENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PRESENT THE PROJECT SITE CLEAN AND IN GOOD ORDER AT THE TIME OF FINAL ACCEPTANCE. 9. THE CONTRACTOR SHALL COMPLY WITH ALL RULES, REGULATIONS, AND SPECIFICATIONS OF CITY OF APOPKA FOR SITE IMPROVEMENT IN THE ABSENCE OF A PARTICULAR REQUIREMENT. 10. FLORIDA LAW (F.S. 556) UNDERGROUND FACILITY DAMAGE PREVENTION AND SAFETY ACT MANDATES THAT EXCAVATORS/ CONTRACTORS SHALL CONTACT SUNSHINE 811 (FKA: SUNSHINE STATE ONE-CALL OF FLORIDA) BY CALLING 800-432-4470 OR 811 AT LEAST 2 FULL BUSINESS DAYS PRIOR TO BEGINNING ANY EXCAVATION OR DEMOLITION TO ALLOW MEMBER OPERATORS AN OPPORTUNITY TO IDENTIFY AND MARK THEIR UNDERGROUND FACILITIES AND APPROPRIATELY RESPONSE TO THE POSITIVE RESPONSE SYSTEM. 11. CONTRACTOR SHALL NOTIFY ALL APPROPRIATE UTILITY COMPANIES OF PROPOSED START OF WORK IN ACCORDANCE WITH THEIR STANDARD REQUIREMENTS; INCLUDING BUT NOT LIMITED TO WATER, SEWER, POWER, TELEPHONE, GAS, AND CABLE TV COMPANIES. 12. ANY DIFFERING SITE CONDITIONS FROM THAT WHICH IS REPRESENTED HEREON, WHETHER ABOVE, ON, OR BELOW THE SURFACE OF THE GROUND, SHOULD BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND OWNER IN WRITING. NO CLAIM FOR EXPENSES INCURRED BY THE CONTRACTOR DUE TO DIFFERING SITE CONDITIONS WILL BE ALLOWED IF CONTRACTOR FAILS TO PROVIDE THE REQUIRED WRITTEN NOTIFICATION OF SUCH CONDITIONS FOR REVIEW BY THE ENGINEER AND OWNER. 13. THE CONTRACTOR SHALL FURNISH OWNER WITH ACCURATE RECORD DRAWINGS PREPARED BY A LICENSED PROFESSIONAL SURVEYOR SHOWING AS-CONSTRUCTED HORIZONTAL AND VERTICAL DIMENSIONING OF THE WORK. THE SUBMITTAL COPY OF THE RECORD DRAWINGS WILL NOT BE RETURNED. THE RECORD DRAWING OR A REPRODUCIBLE COPY PREPARED BY THE ENGINEER SHALL BE CERTIFIED BY THE CONTRACTOR AS CORRECT. ALL INFORMATION WHICH IS UNCHANGED AND CURRENT SHALL BE NOTED BY CHECKING OFF OR CIRCLING. ALL REVISED INFORMATION SHALL BE CROSSED THROUGH AND NEW DATA ADDED. ADDITIONAL REQUIREMENTS ARE NOTED IN PAVING, GRADING, DRAINAGE, WATER, AND SEWER NOTES. 14. ALL PRIVATE AND PUBLIC PROPERTIES AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTED UNLESS SPECIFICALLY EXEMPTED BY THE PLANS. THE COST FOR SUCH RESTORATION SHALL BE INCIDENTAL TO OTHER CONSTRUCTION AND NO EXTRA COMPENSATION WILL BE ALLOWED. 15. THE CONTRACTOR SHALL FOLLOW THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS IN PREPARING THE SITE FOR CONSTRUCTION; THIS INCLUDES REMOVAL OF ANY EXISTING ORGANIC SOILS, DELETERIOUS MATERIAL, VEGETATION, AND/OR DEBRIS FROM WITHIN THE LIMITS OF CONSTRUCTION AS IDENTIFIED BY THE GEOTECHNICAL ENGINEER; PROOFROLLING OF THE NATURAL SOILS WHERE REQUIRED; AND OTHER GENERAL SITE PREPARATION REQUIREMENTS. SPECIFIC PROOFROLLING COMPACTION REQUIREMENTS SHOULD BE CONSISTENT WITH THE APPLICABLE DESIGN DOCUMENTS AND GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. IF THERE IS A CONFLICT BETWEEN THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS AND THE DESIGN DOCUMENTS, THE MORE STRINGENT REQUIREMENT SHALL APPLY. GEOMETRY NOTES: 1. THESE PLANS ARE BASED ON A SURVEY PREPARED FOR THE OWNER BY AMERICAN SURVEYING & MAPPING, INC., DATED 03/04/2021, AND UPDATED ON 10/24/2022. 2. REFER TO SHEET C-2 FOR REFERENCED BENCHMARK. 3. CONTRACTOR SHALL STAKE ALL IMPROVEMENTS USING THE GEOMETRIC DATA PROVIDED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO COMPLETELY STAKE & CHECK ALL IMPROVEMENTS TO ENSURE ADEQUATE POSITIONING, BOTH HORIZONTAL & VERTICAL, PRIOR TO THE INSTALLATION OF ANY IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY APPARENT DISCREPANCIES ARE FOUND. 4. ALL DIMENSIONS ARE TO THE FACE OF CURB OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED. 5. CONTRACTOR SHALL VERIFY THE ACCURACY OF THE BUILDING GEOMETRY SHOWN WITH THAT IN THE FINAL ARCHITECTURAL DRAWINGS, PRIOR TO STAKE-OUT, & SHALL NOTIFY OWNER & ENGINEER IMMEDIATELY OF ANY DISCREPANCIES. MARKING, STRIPING, & SIGNAGE NOTES: 1. ALL MARKINGS MUST COMPLY WITH THE F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS, MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, LATEST EDITION, AND THE CITY OF APOPKA LAND DEVELOPMENT CODE. PARKING SPACES MAY BE F.D.O.T. RATED PAINT. ALL OTHER MARKINGS MUST BE THERMOPLASTIC. 2. HANDICAP PARKING SPACES SHALL BE PROPERLY SIGNED AND STRIPED IN ACCORDANCE WITH FLORIDA STATUTE 316, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND OTHER APPLICABLE STANDARDS. REFER TO F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS INDEX 17355 FOR HANDICAP SYMBOL. 3. HANDICAP SIGN SHALL BE F.D.O.T. SPECIFICATION FTP 25. PAVING, GRADING, & DRAINAGE NOTES: 1. ALL CONSTRUCTION, INCLUDING SIDEWALKS, SHALL BE IN ACCORDANCE WITH CITY OF APOPKA CONSTRUCTION SPECIFICATIONS AND OTHER GENERAL AND SPECIALS, AND THE 2018 EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, UNLESS STATED OTHERWISE IN THE SPECIFICATIONS OR ON THE PLANS. 2. SUBSURFACE INFORMATION PROVIDED WITH THESE DRAWINGS WAS OBTAINED FOR USE IN ESTABLISHING DESIGN CRITERIA FOR THE PROJECT. THE ACCURACY OF THIS INFORMATION IS NOT GUARANTEED AND IS NOT TO BE CONSTRUED AS PART OF THE PLANS GOVERNING CONSTRUCTION OF THE PROJECT. 3. THE LOCATIONS OF EXISTING UTILITIES AND STORM DRAINAGE SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. ENGINEER ASSUMES NO RESPONSIBILITY FOR INACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAKE ARRANGEMENTS FOR FIELD LOCATIONS AND FOR ANY RELOCATIONS OF THE VARIOUS EXISTING UTILITIES WITH THE UTILITY OWNERS, WHICH SHALL BE DONE IN A TIMELY FASHION TO MINIMIZE IMPACT ON THE CONSTRUCTION SCHEDULE. ANY DELAY OR INCONVENIENCE CAUSED THE CONTRACTOR BY THE RELOCATION OF THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED. 4. ALL FILL MATERIAL IN GENERAL IMPROVEMENT AREAS SHALL BE COMPACTED TO A MINIMUM OF 95% OF THE SOIL'S MODIFIED PROCTOR MAXIMUM DRY DENSITY AS DETERMINED BY AASHTO T-180. SPECIFIC SITE PREPARATION METHODS, TYPE OF FILL TO BE USED FOR PARKING AND BUILDING AREAS, AND COMPACTION SHALL BE IN ACCORDANCE WITH THE GEOTECHNICAL ENGINEER'S RECOMMENDATIONS. (SEE GEOTECHNICAL REPORT PREPARED BY TERRACON, PROJECT NO. H1225263) REFER TO STRUCTURAL, ARCHITECTURAL, AND GEOTECHNICAL DOCUMENTS FOR ANY WORK RELATED TO BUILDINGS AND OTHER VERTICAL ELEMENTS FOR SPECIFIC SITE IMPROVEMENT AND FILL REQUIREMENTS. THIS PLAN ONLY COVERS SITE RELATED IMPROVEMENTS AND INFRASTRUCTURE. REFER TO PAVEMENT SECTION DETAILS FOR MATERIAL AND COMPACTION REQUIREMENTS OF PAVEMENT SUBGRADE. 5. ALL UNDERGROUND UTILITIES INCLUDING CONDUIT FOR ELECTRICAL, CABLE TV, AND TELEPHONE SHALL BE INSTALLED PRIOR TO PAVEMENT CONSTRUCTION. 6. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER OF ANY PROBLEMS REQUIRING DEVIATION FROM THESE PLANS AND SPECIFICATIONS. 7. THE CONTRACTOR SHALL SUBMIT DETAILED SHOP DRAWINGS OF ALL MAJOR ITEMS PROPOSED FOR THIS PROJECT TO THE ENGINEER PRIOR TO ORDERING ANY OF THE EQUIPMENT. UPON THE CONTRACTOR'S RECEIPT OF APPROVED SHOP DRAWINGS FROM THE ENGINEER, THE CONTRACTOR MAY PROCEED WITH THE WORK. 8. ALL DISTURBED AREAS MUST BE SODDED UNLESS OTHERWISE NOTED ON THE PLANS. ALL SODDING MUST BE DONE IN ACCORDANCE THE 2018 EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION. 9. PROVIDE HANDICAP ACCESS WHERE SIDEWALKS MEET CURBS. EROSION CONTROL NOTES: 1. ALL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM WITH CITY OF APOPKA SPECIFICATIONS, SUBJECT TO AUTHORIZED AND APPROVED VARIANCES, WAIVERS AND/OR CONDITIONAL CHANGES. 2. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. SEDIMENT CONTROL PRACTICES WILL BE APPLIED AS A PERIMETER DEFENSE AGAINST ANY TRANSPORTATION OF SILT OFF THE SITE. 3. CONTRACTOR SHALL SUBMIT AN EROSION CONTROL PLAN AT THE PRE-CONSTRUCTION MEETING. THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES IN CONTROLLING EROSION AND SEDIMENTATION DURING CONSTRUCTION. 4. ALL CLEARED AREAS FOR IMPROVEMENT AND/OR CONSTRUCTION SHALL BE WATERED TO PREVENT WIND EROSION. 5. PRIOR TO LAND CLEARING THE CONTRACTOR SHALL PROVIDE TREE PROTECTION BARRIERS TO MEET THE REQUIREMENTS OF CITY OF APOPKA. 6. THE CONTRACTOR SHALL SELECTIVELY CLEAR ONLY THE AREAS REQUIRED FOR CONSTRUCTION AND STABILIZE ANY POTENTIAL EROSION AREAS IMMEDIATELY FOLLOWING COMPLETION OF CONSTRUCTION.	WATER & SEWER UTILITY NOTES: 1. CONTRACTOR SHALL COORDINATE WITH CITY OF APOPKA FOR CONSTRUCTION OF THE WATER AND SEWER SYSTEMS, RESPECTIVELY. ALL MATERIAL AND WORKMANSHIP SHALL CONFORM TO THEIR SPECIFICATIONS AND REQUIREMENTS, AS APPLICABLE AND WILL BE SUBJECT TO THEIR INSPECTION AND ACCEPTANCE. 2. CONTRACTOR SHALL COORDINATE ALL WATER AND SEWER SYSTEM TEST SCHEDULING TO ALLOW ENGINEER'S ATTENDANCE AND PROVIDE FIVE (5) WORKING DAYS NOTICE OF WATER AND SEWER TESTS. CONTRACTOR'S FAILURE TO PROPERLY NOTIFY ENGINEER MAY RESULT IN RETESTING AT ENGINEER'S OPTION AND AT CONTRACTOR'S EXPENSE. 3. ENGINEER RESERVES THE RIGHT TO WITHHOLD APPROVAL FOR ANY PORTION OF THE WATER OR SEWER PIPE WORK WHICH HAS NOT BEEN TESTED (OBSERVED BY ENGINEER) AND REPORTED TO CONFORM TO PROJECT SPECIFICATIONS. 4. SITE CONTRACTOR SHALL COORDINATE AND VERIFY ALL UTILITY SERVICES WITH FINAL ARCHITECTURAL DRAWINGS AND BUILDING CONTRACTOR. 5. CONTRACTOR SHALL VERIFY SIZE AND TYPE OF EXISTING MAIN PRIOR TO ORDERING TAPPING MATERIALS FOR TIE-INS. 6. CONTRACTOR SHALL MAINTAIN A SET OF RECORD DRAWINGS MARKED UP WITH HORIZONTAL AND VERTICAL AS-BUILT INFORMATION ON LOCATION OF WATER MAINS, FITTINGS, AND WATER SERVICES LOCATED FROM CENTERLINE OF NEAREST FIRE HYDRANT OR NEAREST MANHOLE. 7. SITE UTILITY WORK SHALL TERMINATE 5 FEET FROM BUILDINGS UNLESS OTHERWISE STATED. 8. CONTRACTOR SHALL NOT ACTIVATE WATER SERVICE UNTIL THE FDEP HAS CLEARED THE SYSTEM FOR USE AND THE CLEARANCE LETTER HAS BEEN RECEIVED BY THE OWNER. F.D.E.P. CONSTRUCTION NOTES: UTILITY SEPARATION - VERTICAL CLEARANCE: 1. NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS 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 SIX INCHES ABOVE THE OTHER PIPELINE OR AT LEAST 12" BELOW THE OTHER PIPELINE, AND NEW OR RELOCATED, UNDERGROUND WATER MAINS THAT ARE INCLUDED IN THIS PROJECT AND THAT WILL CROSS 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 OTHER PIPELINE. 2. AT THE UTILITY CROSSINGS DESCRIBED ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE OR THE PIPES. SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C. UTILITY SEPARATION HORIZONTAL SEPARATION: 1. NEW OR RELOCATED, UNDERGROUND WATER MAINS INCLUDED IN THIS PROJECT SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER, STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C.; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY-TYPE SANITARY SEWER IF THE BOTTOM OF THE WATER MAIN WILL BE LAID AT LEAST (6") SIX (6) INCHES ABOVE THE TOP OF THE SEWER; A HORIZONTAL DISTANCE OF AT LEAST SIX FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART II OF CHAPTER 62-610, F.A.C.; AND 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 SEWAGE TREATMENT AND DISPOSAL SYSTEM." 2. THE CONTRACTOR SHALL PERFORM HYDROSTATIC TESTING OF ALL NEWLY-INSTALLED WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE CITY OF APOPKA & IN ACCORDANCE WITH AWWA STANDARD C600 FOR DUCTILE-IRON PIPE. TESTING SHALL BE IN ACCORDANCE WITH AWWA MANUAL M23 FOR PVC PIPE. 3. THE CONTRACTOR SHALL DISINFECT ALL SECTIONS OF THE WATER DISTRIBUTION SYSTEM IN ACCORDANCE WITH THE F.D.E.P. WATER PERMIT, & RECEIVE APPROVAL THEREOF FROM THE LOCAL WATER UTILITY, ENGINEER OF RECORD, & F.D.E.P., PRIOR TO PLACING IN SERVICE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN COPIES OF THE F.D.E.P. WATER & SEWER PERMITS FROM THE PERMITS FROM THE OWNER & MAINTAIN THEM ON THE JOB SITE AT ALL TIMES. DISINFECTION OF THE WATER DISTRIBUTION SYSTEM SHALL SYSTEM SHALL BE PERFORMED IN ACCORDANCE WITH AWWA 651 "DISINFECTING WATER MAINS". SHALL BE PERFORMED IN ACCORDANCE WITH AWWA 651 "DISINFECTING WATER MAINS". CONSTRUCTION NOTES: 1. THE PERMITTEE SHALL BE SEPARATELY RESPONSIBLE FOR APPROPRIATE CONSTRUCTION, DISINFECTION & TESTING BEYOND THE METER TO ASSURE POTABILITY AT THE POINT OF USE. 2. POTABLE WATER PIPES WILL BE DISINFECTED IN ACCORDANCE WITH AWWA SPECIFICATIONS C651. 3. POTABLE PIPES WILL BE HYDROSTATICALLY TESTED IN ACCORDANCE WITH SPECIFICATION NUMBERS C600 & C605/M23 FOR DUCTILE IRON & PVC PIPES, RESPECTIVELY. A. POTABLE WATER PIPES MUST BE MANUFACTURED IN ACCORDANCE WITH THE FOLLOWING AWWA SPECIFICATIONS: B. DUCTILE IRON PIPE (3" TO 64") - AWWA C150/AWWA C151; LINING PER AWWA C104, COATING PER AWWA C116, ENCASEMENT PER AWWA C105, FLANGED PIPE PER AWWA C115, GASKET JOINTS PER AWWA C111 AND FITTINGS PER AWWA C110 OR AWWA C153. C. PVC (WITH NATIONAL SANITATION FOUNDATION SEAL) 1. AWWA C900/ASTM 1784 (4" TO 12") WITH DR25 MINIMUM; 2. AWWA C905 (14" TO 48") D. PRESSURE RATED PIPE (SDR SERIES) SHALL BE ASTM D2241, SCHEDULE 40, 80, & 120 PVC PIPES PER ASTM D1785. THE COMPOUNDS USED FOR EITHER OF THESE TYPES SHALL BE PER ASTM D1784. E. POLYETHYLENE PIPE (1/2" - 3") - AWWA C901 WITH VALVES & FITTINGS (AWWA C800); F. POLYETHYLENE PIPE (4" - 63") - AWWA C906. G. FIRE HYDRANTS & VALVES PER AWWA SERIES C500 THROUGH C560. H. METERS PER AWWA SERIES C700 THROUGH C710. I. NON-AWWA PVC PIPES (ALLOWED ONLY FOR SIZES LESS THAN 4 INCHES) MUST HAVE A MINIMUM PRESSURE CLASS OF 200 PSI AND MUST BEAR THE NSF MARK ON EACH INSTALLED LENGTH. CONNECTION TO EXISTING WATER MAINS: 1. IF CONNECTION OF THE PROPOSED ACTIVITY TO THE WATER MAIN WILL RESULT IN DEPRESSURIZATION OF THE EXISTING SYSTEM BELOW 20 POUNDS PER SQUARE INCH, ONE OF THE FOLLOWING MUST OCCUR: A. PRECAUTIONARY BOIL WATER NOTICES MUST BE ISSUED IN CASES OF PLANNED DISTRIBUTION INTERRUPTIONS, WHICH DEEMED AN IMMINENT PUBLIC HEALTH THREAT BY THE D.E.P. CENTRAL DISTRICT OR WILL AFFECT BACTERIOLOGICAL QUALITY OF THE DRINKING WATER UNLESS THE PUBLIC WATER SYSTEM CAN DEMONSTRATE, BY SOUND ENGINEERING JUDGMENT, THAT THE INTEGRITY OF THE WATER QUALITY ARE EXPECTED TO OCCUR & NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK. B. IN CASES OF BRIEF INTERRUPTION IN SERVICE, ADVISORIES (NOT BOIL WATER NOTICES) SHOULD BE ISSUED IF TEMPORARY CHANGES IN WATER QUALITY ARE EXPECTED TO OCCUR & NOT DEEMED AN IMMINENT PUBLIC HEALTH RISK. FILLING OF WATERMAINS: 1. FILLING OF PROPOSED WATER MAINS FROM EXISTING WATER MAINS WILL BE DONE IN ACCORDANCE WITH AWWA SPECIFICATIONS C651.	LEGEND SITE POLE SIGN SMALL PYLON SIGN LARGE PYLON SIGN RIGHT TURN DIRECTIONAL ARROW STRAIGHT DIRECTIONAL ARROW LEFT TURN DIRECTIONAL ARROW STRAIGHT AND LEFT TURN DIRECTIONAL ARROW STRAIGHT AND RIGHT TURN DIRECTIONAL ARROW HANDICAP PARKING SYMBOL F.D.O.T. TYPE "D" CURB F.D.O.T. TYPE "F" CURB AND GUTTER GATE VALVE BOX, WV= WATER, FV= FIRE, IV=IRRIGATION, & SSV=SANITARY SEWER CHAINLINK FENCE DECORATIVE WOOD OR ALUMINUM FENCE BARB WIRE FENCE HANDRAIL SCREEN/RETAINING WALL, AS NOTED. BIKE RACK PARKING COUNT SYMBOL PER ROW ROAD CENTERLINE SYMBOL GRADING & DRAINAGE F.D.O.T. TYPE "C" DRAINAGE INLET F.D.O.T. TYPE "D" DRAINAGE INLET F.D.O.T. TYPE "E" DRAINAGE INLET F.D.O.T. TYPE "1" DRAINAGE INLET F.D.O.T. TYPE "2" DRAINAGE INLET F.D.O.T. TYPE "3" DRAINAGE INLET F.D.O.T. TYPE "4" DRAINAGE INLET F.D.O.T. TYPE "5" DRAINAGE INLET F.D.O.T. TYPE "6" DRAINAGE INLET STORM DRAINAGE MANHOLE MITERED END SECTION STORM DRAINAGE PIPE DRAINAGE FLOW DIRECTIONAL ARROW DRAINAGE STRUCTURE BUBBLE GRADE ELEVATION CONTOUR ELEVATION EROSION CONTROL SILT FENCE
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UTILITY

DCDA - DOUBLE CHECK DETECTOR ASSEMBLY

DCVA - DOUBLE CHECK VALVE ASSEMBLY

RPZ - REDUCED PRESSURE ZONE DEVICE

DOMESTIC METER

IRRIGATION METER

GATE VALVE

BLOW-OFF GATE VALVE

REDUCER

WET WELL

11.25' PIPE BEND

22.5' PIPE BEND

30' PIPE BEND

45' PIPE BEND

60' PIPE BEND

90' PIPE BEND

TEE

CROSS

FIRE HYDRANT ASSEMBLY W/ UNOBSTRUCTED AREA CLEARANCES AS REQUIRED BY FIRE MARSHALL

FIRE DEPARTMENT CONNECTION

CLEAN OUT

LIFT STATION

GREASE TRAP

SITE LIGHTING

DECORATIVE SITE LIGHTING

UTILITY POLE

EROSION CONTROL SITE DESCRIPTION NOTES:

1. THE PROPOSED CONSTRUCTION ACTIVITY WILL ENTAIL THE CLEARING & GRUBBING OF AN APPROXIMATELY 8.75 ACRE AREA OF A TOTAL 14.69 ACRE SITE PLUS 0.5 ACRE AREA WITHIN THE ADJACENT RIGHT-OF-WAY AREA LOCATED AT PLAYMOUTH SORRENTO ROAD & SCHOPKE ROAD TO BUILD A CHURCH CAMPUS, WITH ITS ASSOCIATED PARKING, DRAINAGE & UTILITIES.
2. THE SEQUENCE OF SOILS DISTURBANCE ACTIVITY IS AS FOLLOWS:
 - A. INSTALL SILT FENCE AS SHOWN ON THE PLANS & PROVIDE TREE PROTECTION ON SITE, IF APPLICABLE.
 - B. ROUGH GRADE PROPOSED POND AREA(S) OR TEMPORARY SEDIMENTATION BASIN(S).
 - C. CLEAR & GRUB THE AREA TO BE DISTURBED. ENSURE THAT DRAINAGE FROM SITE DURING CONSTRUCTION IS CONVEYED TO THE POND(S) OR TEMPORARY SEDIMENTATION BASIN(S).
 - D. PLACE FILL ON-SITE TO BRING THE SITE UP TO THE PROPOSED GRADES.
 - E. BEGIN COMPACTION / STABILIZATION PROCESS.
3. THE TOTAL SITE AREA IS 14.69 ACRES & THE AREA TO BE DISTURBED IS 8.75 ACRES.
4. THE EXISTING SOIL IS TAVARES-MILLHOPPER COMPLEX.
5. THE TOTAL DRAINAGE AREA FOR THE PROJECT IS APPROXIMATELY 8.0 ACRES.
6. THE SITE IS LOCATED WITHIN THE APOPKA DRAINAGE BASIN.
7. WASTE DISPOSAL SHALL BE IMPLEMENTED IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. ALL TRUCKS EXITING THE SITE WILL BE HOSED, ITS LOAD COVERED AND THE COVER PROPERLY SECURED. THE STORAGE, APPLICATION, GENERATION & MIGRATION OF ALL FERTILIZERS, HERBICIDES, PESTICIDES & TOXIC MATERIAL SHALL BE IN ACCORDANCE W/ LOCAL, STATE & FEDERAL REGULATIONS.
8. CONTRACTOR SHALL IDENTIFY THE INDIVIDUAL(S) RESPONSIBLE FOR THE WEEKLY & REQUIRED INSPECTIONS. A REPORTING SYSTEM ENTAILING THE ITEMS TO BE INSPECTED & THEIR CONDITION SHOULD BE DOCUMENTED & PLACED IN A DEDICATED FILING SYSTEM THAT WILL REMAIN ON THE PROJECT SITE, ACCESSIBLE TO THE CONSTRUCTION TEAM & TO THE F.D.E.P. INSPECTORS.
9. INSPECTIONS: CONSTRUCTION SITE WILL BE INSPECTED FOR EROSION PROBLEMS DAILY AND AFTER AFTER EACH RAINFALL GREATER THAN 0.5 INCH. A RAIN GAUGE WILL BE ON SITE TO MEASURE THE RAINFALL AMOUNT. THE CONTRACTOR SHALL DETERMINE THE EFFECTIVENESS OF EROSION AND SEDIMENT CONTROL EFFORTS. ANY NECESSARY REMEDIES SHALL BE PERFORMED IMMEDIATELY.
10. ALL EXCESS FILL MATERIAL SHALL BE HAULED OFFSITE. SEDIMENTATION CONTROLS AND BMPs SHALL PREVENT STORMWATER RUNOFF WITH TURBIDITY GREATER 11. THAN 29 NTUS FROM LEAVING THE CONSTRUCTION SITE.

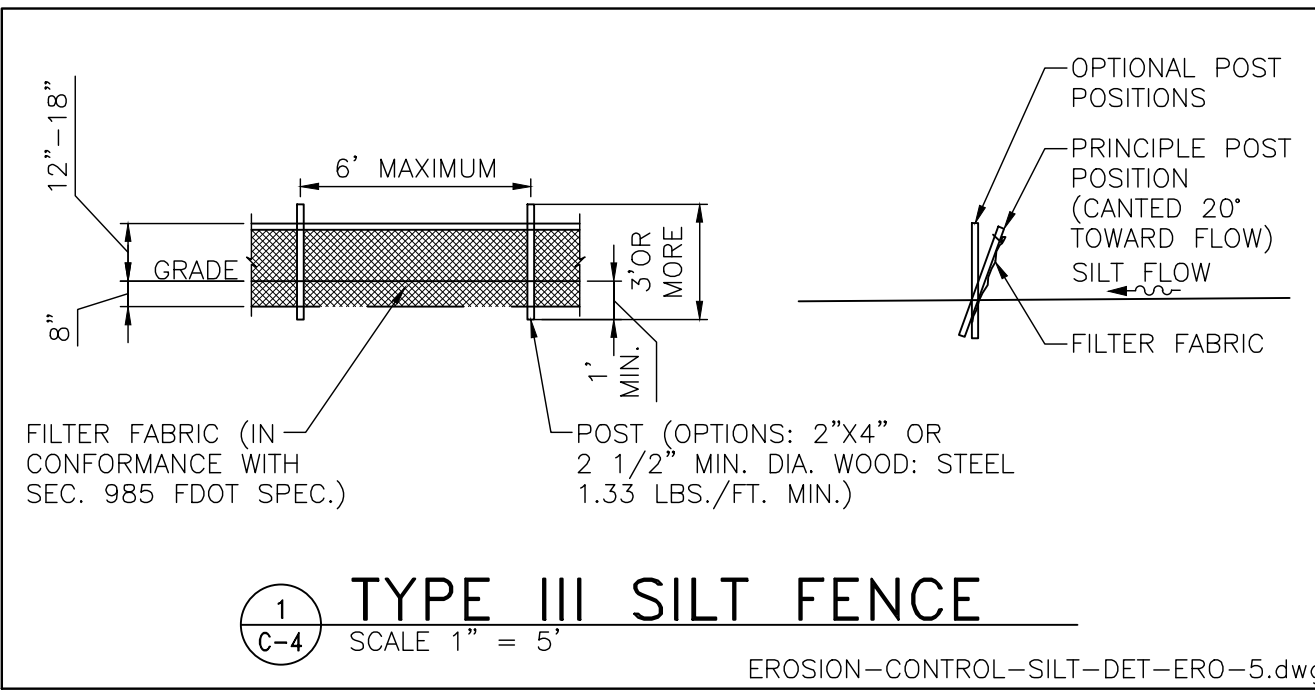
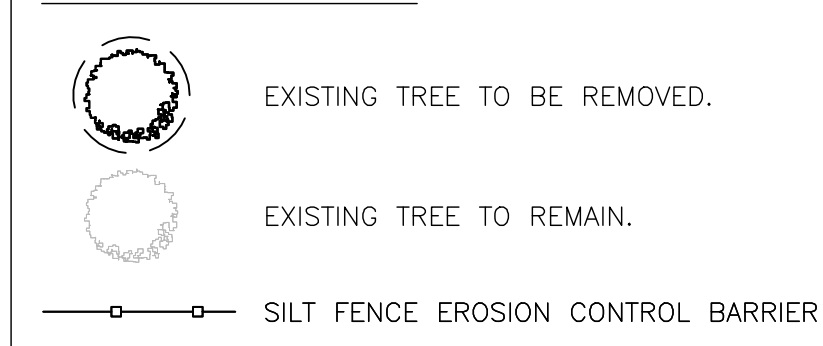
EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, & LOCAL CODES, ORDINANCES, & REGULATIONS GOVERNING POLLUTION OF THE ENVIRONMENT & SHALL IMPLEMENT ALL MEASURES NEEDED TO ENSURE ADEQUATE EROSION & SEDIMENT CONTROL DURING THE ENTIRE DURATION OF CONSTRUCTION. EROSION & SEDIMENT CONTROL MEASURES SHALL CONFORM TO CITY OF APOPKA, FL. JOHN'S RIVER WATER MANAGEMENT DISTRICT, FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION, & FLORIDA DEPARTMENT OF TRANSPORTATION REQUIREMENTS. INSTALLATION OF SILT FENCES & TURBIDITY BARRIERS SHALL BE IN ACCORDANCE WITH F.D.O.T. ROADWAY & TRAFFIC DESIGN STANDARDS & STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION, LATEST EDITION.
2. EROSION & SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN CONSTRUCTION. EROSION & SEDIMENT CONTROL MEASURES ARE TO BE APPLIED AS A PERIMETER DEFENSE AGAINST THE TRANSPORTATION OF SILT & SEDIMENTS OFF THE PROJECT SITE OR INTO ADJACENT WATER BODIES OR WETLANDS.
3. THE CONTRACTOR SHALL PREPARE & IMPLEMENT AN EROSION CONTROL PLAN AS PART OF THE SCOPE OF WORK COVERED BY THESE PLANS. THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES IN CONTROLLING EROSION & SEDIMENT TRANSPORT DURING CONSTRUCTION. THE FLORIDA DEVELOPMENT MANUAL "A GUIDE TO SOUND LAND & WATER MANAGEMENT" MAY BE USED AS REFERENCE FOR RECOMMENDED BEST MANAGEMENT PRACTICES RELATED TO EROSION & SEDIMENT CONTROL.
4. THE CONTRACTOR SHALL SUBMIT THE EROSION CONTROL PLAN TO THE OWNER FOR APPROVAL PRIOR TO THE PRE-CONSTRUCTION MEETING.
5. ALL EROSION & SEDIMENT CONTROL MEASURES WHICH ARE NECESSARY TO LIMIT THE TRANSPORT OF SILTS & SEDIMENTS TO OUTSIDE THE LIMITS OF THE WORK AREA OR TO WATER BODIES OR WETLANDS ARE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE BEST MANAGEMENT PRACTICES & IMPLEMENT STRUCTURAL MEASURES AS NEEDED TO PREVENT EROSION & SEDIMENT TRANSPORT FROM THE WORK AREAS. THE FOLLOWING ARE MINIMUM RECOMMENDED GUIDELINES TO BE IMPLEMENTED DURING CONSTRUCTION AS PART OF THE EROSION & SEDIMENT CONTROL PLAN:
 - A. STOCKPILING OF MATERIAL
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.
 - B. EXPOSED AREA LIMITATION & PROTECTION
THE SURFACE AREA OF OPEN, RAW ERODIBLE SOIL EXPOSED BY CLEARING & GRUBBING OPERATIONS OR EXCAVATION & FILLING OPERATIONS SHALL BE LIMITED AS NEEDED TO MINIMIZE THE POTENTIAL OF OFF-SITE SEDIMENT TRANSPORT. ALL EXPOSED AREAS SHALL BE PROTECTED BY INSTALLING EFFECTIVE EROSION & SEDIMENT CONTROL MEASURES SUCH AS SILT SCREENS, SYNTHETIC BALES, TURBIDITY BARRIERS, SWALES, OR A COMBINATION OF THESE & OTHER MEASURES AS WARRANTED.
 - C. INLET PROTECTION
INLETS & CATCH BASINS SHALL BE PROTECTED DURING CONSTRUCTION FROM SEDIMENT LADEN STORMWATER RUNOFF BY PROVIDING A COMBINATION OF SILT SCREENS, SYNTHETIC BALES, FILTER FABRIC COVERS OR OTHER MEASURES AS NECESSARY TO CONTROL THE TRANSPORT OF SEDIMENT.
 - D. TEMPORARY GRASSING
AREAS OPENED BY CONSTRUCTION OPERATIONS THAT ARE NOT ANTICIPATED TO BE DRESSED OR RECEIVE FINAL GRASSING TREATMENT WITHIN THIRTY DAYS SHALL BE SEEDED 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 AS TO NOT ALTER OR COMPETE WITH PERMANENT GRASSING. SLOPES STEEPER THAN 6:1 SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 2 INCHES OF LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA TO A DEPTH OF 4 INCHES. THE SEEDED OR SEEDED & MULCHED AREAS SHALL BE ROLLED & WATERED AS NEEDED TO ENSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER. IF AFTER 14 DAYS, THE TEMPORARY GRASSSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75% OF GOOD GRASS COVER, THE AREAS WILL BE REWORKED & ADDITIONAL SEED APPLIED TO ESTABLISH THE DESIRED VEGETATION COVER. REWORKED & ADDITIONAL SEED APPLIED
 - E. MAINTENANCE
EROSION & SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE ENTIRE DURATION OF CONSTRUCTION. THE CONTRACTOR SHALL INSPECT THE EROSION & CONTROL MEASURES ON A DAILY BASIS & 24 HOURS FOLLOWING RAINFALL EVENTS (0.5" OR GREATER) & IMMEDIATELY REPAIR ANY OBSERVED DAMAGED CONTROLS. ALL EROSION & SEDIMENT CONTROLS SHALL BE MAINTAINED AS TO FUNCTION PROPERLY WITHOUT THE TRANSPORT OF SEDIMENTS OUTSIDE THE LIMITS OF THE PROJECT.
6. AREAS OF SOILS DISTURBANCE IS LIMITED TO THE AREA WITHIN THE SILT FENCE LIMITS AS SHOWN ON THIS PLAN.
7. ALL DISTURBED PERVIOUS AREAS WILL BE SODDED, UNLESS OTHERWISE NOTED.
8. NO WETLANDS & SURFACE WATERS EXIST ON THIS PROJECT.
9. ALL EXCESS FILL SHALL BE HAULED OFF SITE.
10. SEDIMENTATION CONTROLS AND BMPs SHALL PREVENT STORMWATER RUNOFF WITH TURBIDITY GRATER THAN 29 NTUS FROM LEAVING THE CONSTRUCTION SITE.

DUST CONTROL & PREVENTION:

- THE SURFACE AREA OF OPEN, RAW ERODIBLE SOILS EXPOSED BY CLEARING & GRUBBING OPERATIONS OR EXCAVATION & FILLING OPERATIONS SHALL BE LIMITED AS NEEDED TO MINIMIZE THE POTENTIAL OF DUST PRODUCTION. IN ADDITION,
1. ALL EXPOSED AREAS SHALL BE PROTECTED BY INSTALLING DUST CONTROL MEASURES SUCH AS STABILIZING EXPOSED SOILS USING VEGETATION, MULCHING, SPRAY-ON ADHESIVES, CALCIUM CHLORIDE, WET SUPPRESSION (WATERING) AND STONE/GRAVEL LAYERING AS APPLICABLE FOR THE PROJECT AND DEEMED NECESSARY BY THE CONTRACTOR TO CONTROL DUST.
 2. ONSITE VEHICLE TRAFFIC SHOULD BE LIMITED TO A MAXIMUM 15 MPH SPEED, AND THE NUMBER AND ACTIVITY OF VEHICLES SHOULD BE CONTROLLED AT ANY GIVEN TIME.
 3. A MOBILE UNIT SHOULD BE AVAILABLE TO APPLY WATER TO CONTROL DUST WHEN NEEDED.
 4. COVERS SHALL BE PROVIDED FOR ALL HAUL TRUCKS TRANSPORTING MATERIALS THAT CONTRIBUTE TO DUST.
 5. IF CHEMICAL STABILIZATION METHOD IS USED, THE CHEMICALS SHOULD BE APPROVED FOR USE BY THE APPROPRIATE REGULATORY AGENCIES AND SHALL NOT CREATE ANY ADVERSE IMPACTS TO STORMWATER, PLANT LIFE, WATER BODIES, GROUNDWATER, OR FISH AND WILDLIFE.

PLAN LEGEND

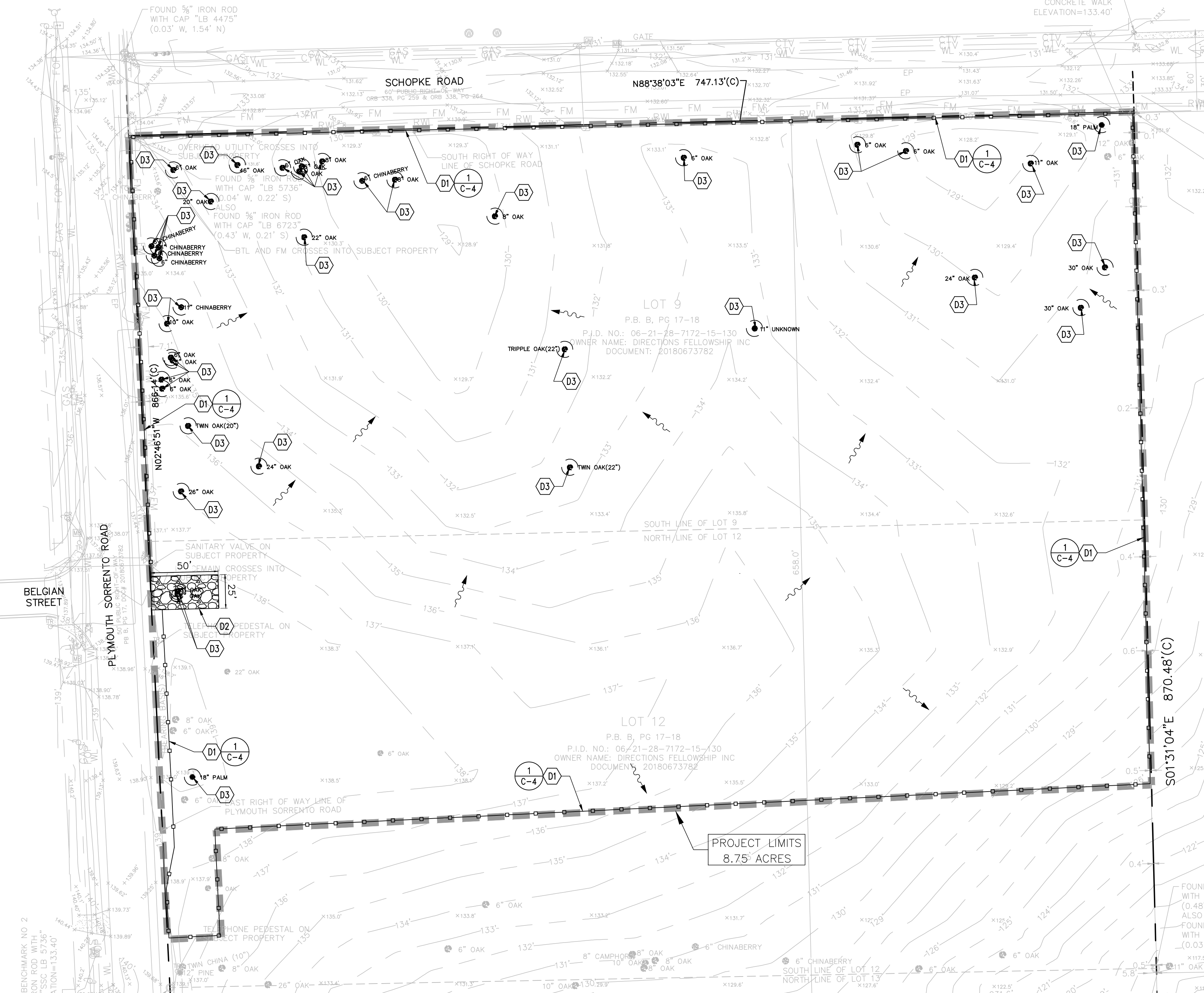
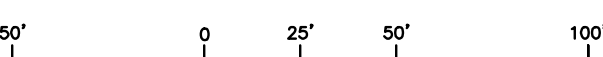


TYPE III SILT FENCE

SCALE 1" = 5'

EROSION-CONTROL-SILT-DET-ERO-5.dwg

GRAPHIC SCALE



CONTRACTOR ACKNOWLEDGEMENT:

THIS PLAN HAS BEEN PREPARED UNDER _____ DIRECTION AND KNOWLEDGE. I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND, AND SHALL COMPLY WITH, THE TERMS AND CONDITIONS OF THE STATE OF FLORIDA GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES AND THIS STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

DATE:

(NOTE: CONTRACTOR IS REQUIRED TO REVIEW & SIGN THIS PLAN PRIOR TO START CONSTRUCTION)

DEMOLITION NOTES

1. THE LOCATIONS, ELEVATIONS, & DIMENSIONS OF EXISTING UTILITIES & OTHER FEATURES ARE SHOWN ON THE PLANS ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PLAN PREPARATION. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, & DIMENSIONS OF ALL EXISTING UTILITIES & OTHER FEATURES AFFECTING THE WORK PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY FEG OF ANY DISCREPANCIES WHICH MAY AFFECT THE PROPOSED WORK.
2. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES BEFORE EXCAVATION.
3. THE CONTRACTOR SHALL, PRIOR TO INITIATION OF ANY SITE CLEARING OR OTHER CONSTRUCTION ACTIVITIES, INSTALL SILT SCREENS DOWNSTREAM OF ALL AREAS WHICH HAVE POTENTIAL OF EROSION OR SEDIMENT TRANSPORT OFFSITE OR TO WATER BODIES. THE CONTRACTOR SHALL IMPLEMENT OTHER STRUCTURAL EROSION CONTROL MEASURES IF REQUIRED TO PREVENT SEDIMENT TRANSPORT TO OFF-SITE AREAS & WATER BODIES.
4. ALL TRASH, DEBRIS, & OTHER MATERIAL REMOVED FROM THE SITE SHALL BE PROPERLY DISPOSED OF BY THE CONTRACTOR IN ACCORDANCE WITH ALL LOCAL, STATE, & FEDERAL REGULATIONS.
5. ANY EXCAVATED TRENCHES ARE TO BE BACKFILLED WITH CLEAN SAND COMPACTED TO AT LEAST 95% OF THE MODIFIED PROCTOR MAXIMUM DRY DENSITY VALUE (AASHTO T-180). REFER TO GEOTECHNICAL REPORT FOR SPECIFIC COMPACTION REQUIREMENTS UNDER BUILDING & OTHER STRUCTURES.
6. ALL EXISTING CONCRETE TO BE REMOVED SHALL BE SAWCUT & REMOVED @ THE FIRST AVAILABLE GOOD JOINT & REPLACED TO MATCH EXISTING.
7. THE CONTRACTOR SHALL CONTACT THE GAS UTILITY FOR LOCATION BEFORE EXCAVATION. CHAPTER 17-153 F.S. REQUIRES THAT AN EXCAVATOR NOTIFY ALL GAS UTILITIES AT LEAST TWO DAYS PRIOR TO EXCAVATING. ALSO CALL 1-800-432-4770 FOR SUNSHINE LOCATES. F.S. 556.101 THROUGH 111.
8. CONTRACTOR TO PROVIDE TREE PROTECTION AROUND TREES TO REMAIN AS REQUIRED BY THE LOCAL JURISDICTION.
9. NO EXCAVATING MATERIAL SHALL BE STOCKPILED IN A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE OR INTO ANY ADJACENT WATER BODY OR STORMWATER COLLECTION FACILITY.

DEMOLITION KEYNOTES

- D1. F.D.O.T. TYPE "III" SILT FENCE EROSION CONTROL BARRIER.
- D2. 25'x50' GRAVEL CONSTRUCTION ENTRANCE.
- D3. TREE TO BE REMOVED.

SOIL TRACKING PREVENTION

1. A SOIL TRACKING PREVENTION DEVICE (STPD) SHALL BE CONSTRUCTED AT THE LOCATION SHOWN ON THE PLANS. TRAFFIC FROM UNSTABILIZED AREAS OF CONSTRUCTION SHALL BE DIRECTED THRU THE STPD BARRIER. FLAGGING OR OTHER POSITIVE MEANS SHALL BE USED AS REQUIRED TO LIMIT & DIRECT VEHICULAR EGRESS ACROSS THE STPD.
2. THE CONTRACTOR MAY PROPOSE AN ALTERNATIVE TECHNIQUE TO MINIMIZE OFFSITE TRACKING OF SEDIMENT. THE ALTERNATIVE MUST BE REVIEWED & APPROVED BY THE ENGINEER &/OR CITY OF APOPKA PRIOR TO ITS USE.
3. ALL MATERIALS SPILLED, DROPPED, OR TRACKED ONTO PUBLIC ROADS (INCLUDING THE STPD AGGREGATE & CONSTRUCTION MUD) SHALL BE REMOVED DAILY, OR MORE FREQUENTLY IF SO DIRECTED BY THE ENGINEER &/OR CITY OF APOPKA.
4. AGGREGATES SHALL BE AS DESCRIBED IN SECTION 901 EXCLUDING 901-2.3. AGGREGATES SHALL BE FDOT SIZE #1. IF THIS SIZE IS NOT AVAILABLE, THE NEXT AVAILABLE SMALLER SIZE AGGREGATE MAY BE SUBSTITUTED WITH THE APPROVAL OF THE ENGINEER. SIZES CONTAINING EXCESSIVE SMALL AGGREGATE WILL TRACK OFF THE PROJECT & ARE UNSUITABLE.
5. THE STPD SHALL BE MAINTAINED IN A CONDITION THAT WILL ALLOW IT TO PERFORM ITS FUNCTION. TO PREVENT OFFSITE TRACKING, THE STPD SHALL BE RINSED (DAILY WHEN IN USE) TO MOVE ACCUMULATED MUD DOWNWARD THRU THE STONE. ADDITIONAL STABILIZATION OF THE VEHICULAR ROUTE LEADING TO THE STPD MAY BE REQUIRED TO LIMIT THE MUD TRACKED.

EROSION CONTROLS FOR NON STORMWATER DISCHARGES:

A) WASTE DISPOSAL:

HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN ACCORDANCE WITH THE APPLICABLE LOCAL, STATE & FEDERAL REGULATIONS. ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR HAZARDOUS WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE SUPERINTENDENT CONSTRUCTION TRAILER. THE INDIVIDUAL RESPONSIBLE FOR MANAGING THIS TASK WILL BE IDENTIFIED BY THE CONTRACTOR.

SANITARY WASTE:

ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS A MINIMUM OF THREE TIMES PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR AS REQUIRED BY LOCAL REGULATION.

B) OFFSITE VEHICLE TRACKING:

A GRAVEL CONSTRUCTION ENTRANCE HAS BEEN PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE WILL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARPULIN.

NOTES:

1. ALL DEBRIS AND ANY EXCESS FILL MATERIAL SHALL BE HAULED OFFSITE.
2. SEDIMENTATION CONTROLS AND BMPs SHALL PREVENT STORMWATER RUNOFF WITH TURBIDITY GREATER THAN 29 NTUS FROM LEAVING THE CONSTRUCTION SITE.

NPDES NOTE

A NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) IS REQUIRED FOR THE PROJECT. UNLESS OBTAINED BY THE OWNER, THE CONTRACTOR SHALL APPLY AND OBTAIN A NOI NPDES PRIOR TO START OF CONSTRUCTION ACTIVITIES.

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



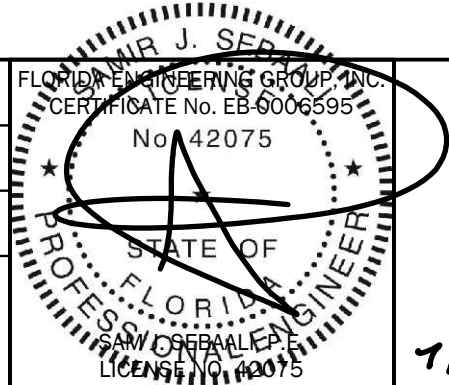
5127 S. Orange Avenue, Suite 200
Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325

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SITE DEMOLITION AND STORMWATER
POLLUTION PREVENTION PLAN

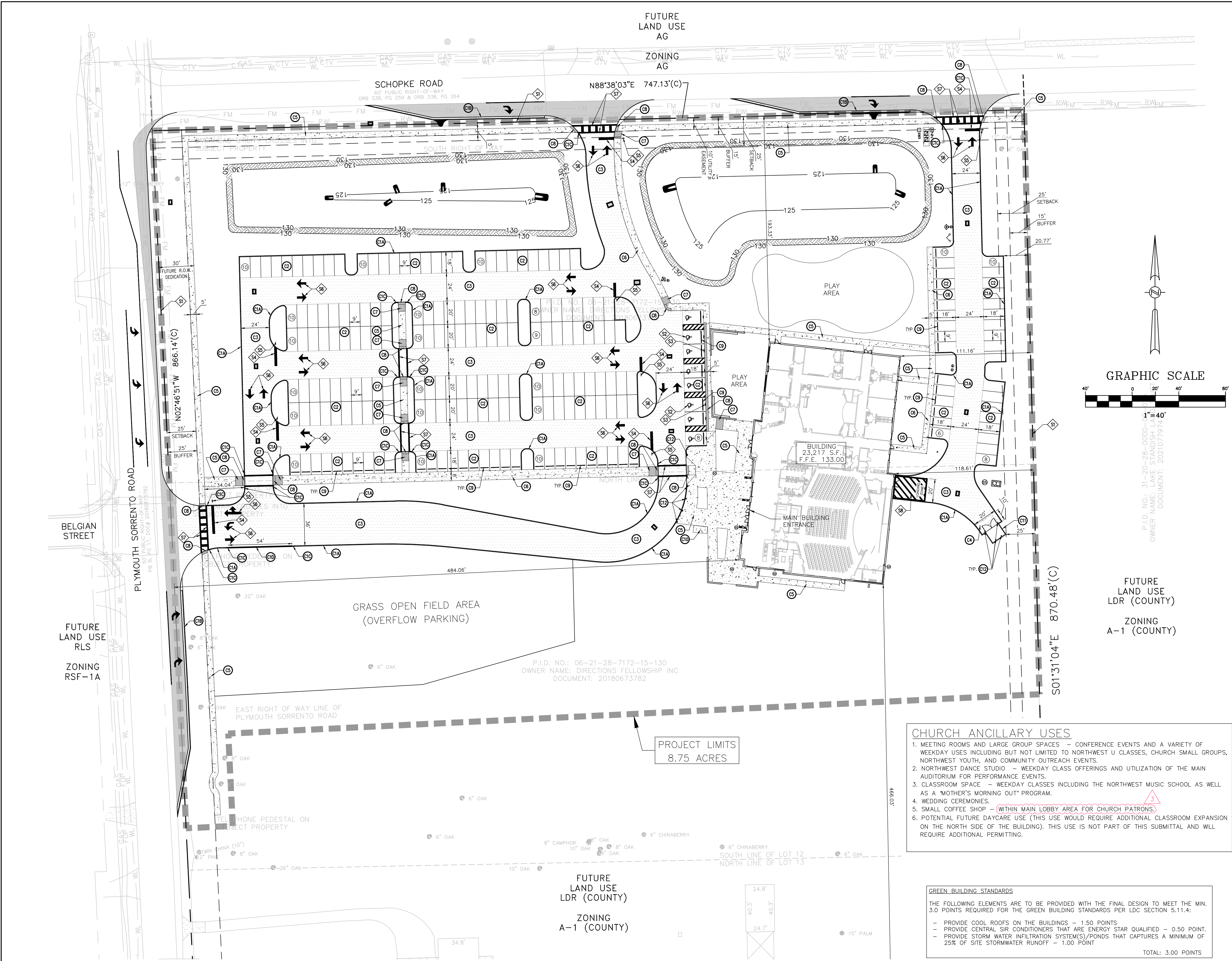
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
SJS	JT	SJS	SJS

PROJECT NO.	20-077
SCALE	1"=50'
DATE	DECEMBER 14, 2022
SHEET NO.	C-4
SHEET 4	OF 18



1/5/2023

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SITE DATA
PROPERTY LOCATION: 1567 PLYMOUTH SORRENTO RD, APOPKA, FL 32712
PROPERTY FUTURE LAND USE DESIGNATION: RES-LOW
ZONING: RSF-1B
EXISTING USE: SINGLE FAMILY RESIDENCE
PROPOSED USE: CHURCH WITH ANCILLARY USES
PROJECT AREA: 14.69 ACRES

PHASE I GROSS FLOOR AREA: 23,217 S.F.
PHASE I FLOOR AREA RATIO: 0.04

BUILDING SETBACKS (REQUIRED)
FRONT (WEST) (PLYMOUTH SORRENTO RD) 25'
CORNER SIDE (NORTH) (SCHOPKE RD) 25'
SIDE (SOUTH) 10'
REAR (EAST) 25'
BUILDING SETBACKS (PROPOSED)
FRONT (WEST) (PLYMOUTH SORRENTO RD) 484'
CORNER SIDE (NORTH) (SCHOPKE RD) 193'
SIDE (SOUTH) 466'
REAR (EAST) 111'

MAXIMUM ALLOWABLE BUILDING HEIGHT 35'
BUILDING HEIGHT PROPOSED 31'-3"

BUILDING CONSTRUCTION TYPE:
TYPE IIB, SPRINKLERED

BUFFER YARDS

PROPOSED USE	ABUTTING USE	REQUIRED BUFFER	PROPOSED BUFFER
CHURCH	FRONT (WEST) RESIDENTIAL	C	C-25'
CHURCH	SIDE (NORTH) AGRICULTURAL	B	B-15'
CHURCH	SIDE (SOUTH) AGRICULTURAL	B	B-25'
CHURCH	REAR (EAST) AGRICULTURAL	B	B-15'

PARKING

PARKING REQUIRED
CHURCH 500 SEATS x (1 SPACE PER 5 SEATS) 100 SPACES
TOTAL PARKING REQUIRED 100 SPACES
SPACES REQUIRED TO BE RESERVED FOR HANDICAP 5 SPACES

PARKING PROVIDED
STANDARD PARKING SPACES 211 SPACES
HANDICAP PARKING 8 SPACES
TOTAL PARKING PROVIDED 219 SPACES

PHASE I SITE AREA CALCULATIONS

BUILDING FOOTPRINT	23,217 S.F.		
PAVING	102,934 S.F.		
SIDEWALK	19,239 S.F.		
IMPERVIOUS AREA	145,390 S.F.	3.34 AC.	22.72 %
PREVIOUS AREA	494,506 S.F.	11.35 AC.	77.28 %
TOTAL SITE AREA	639,896 S.F.	14.69 AC.	100.00 %

IMPERVIOUS COVER PROPOSED 23 %

OPEN SPACE PROVIDED:
GREEN AREAS AND PLAY AREAS (NOT COUNTING PONDS OR OVERFLOW PARKING AREA) 395,099 S.F. 9.07 AC. 61.74 %

FLOOD ZONE

FLOOD ZONE "X" PER FEMA F.I.R.M. PANEL 12085C0110F DATED: 09/25/2009.

SOILS

47 - TAVARES-MILLHOPPER COMPLEX, 0 TO 5 PERCENT SLOPES - HSG "A"

WETLAND STATEMENT

THERE ARE NO JURISDICTIONAL WETLANDS WITHIN THE PROJECT SITE.

LIGHTING NOTE

LIGHTING SHALL COMPLY WITH CITY OF APOPKA LAND DEVELOPMENT CODE SECTION 5.6.

SIGNAGE NOTE

SIGNAGE SHALL COMPLY WITH SECTION 5.10 OF THE CITY OF APOPKA LAND DEVELOPMENT CODE.

◆ SITE STRIPING & SIGNAGE KEYNOTES

- S1. PROPERTY BOUNDARY.
- S2. HANDICAP PARKING STALL, TYPICAL.
- S3. HANDICAP SIGN.
- S4. 24" THERMOPLASTIC STOP BAR.
- S5. R1-1 HIGH INTENSITY REFLECTORIZED "STOP" SIGN.
- S6. DIRECTIONAL ARROWS PER LATEST F.D.O.T. STANDARD PLANS INDEX 711-001, TYPICAL.
- S7. CROSSWALK STRIPING PER LATEST F.D.O.T. STANDARD PLANS INDEX 711-001, TYPICAL.
- S8. LOADING ZONE STRIPING, 12" WHITE STRIPE @ 4' O.C.

⊙ SITE CONSTRUCTION KEYNOTES

- C1A. 6" HEAD CURB, TYPICAL.
- C1B. F.D.O.T. TYPE "F" CURB & GUTTER PER LATEST F.D.O.T. STANDARD PLANS INDEX 520-001, TYPICAL.
- C1C. 3' TRANSITION CURB.
- C1D. 6" RIBBON CURB.
- C2. ASPHALT PAVEMENT. LIGHT-DUTY IN PARKING SPACES.
- C3. ASPHALT PAVEMENT. HEAVY-DUTY IN DRIVE AISLES.
- C4. CONCRETE PAVEMENT.
- C5. CONCRETE SIDEWALK, TYPICAL.
- C6. MONOLITHIC CURB & SIDEWALK, TYPICAL.
- C7. HANDICAP ACCESS RAMP WITH A MAXIMUM 12:1 SLOPE, TYPICAL.
- C8. DETECTABLE WARNING SURFACE PER FLORIDA BUILDING CODE 2004.
- C9. WHEELSTOP PER LATEST F.D.O.T. STANDARD PLANS INDEX 520-001, TYPICAL.
- C10. BICYCLE RACK.
- C11. 12"x10' DUMPSTER W/ 10' CONCRETE PAD & 6' HIGH BLOCK WALL ENCLOSURE ON 3 SIDES.
- C12. BOLLARD.

CHURCH ANCILLARY USES

1. MEETING ROOMS AND LARGE GROUP SPACES - CONFERENCE EVENTS AND A VARIETY OF WEEKDAY USES INCLUDING BUT NOT LIMITED TO NORTHWEST U CLASSES, CHURCH SMALL GROUPS, NORTHWEST YOUTH, AND COMMUNITY OUTREACH EVENTS.
2. NORTHWEST DANCE STUDIO - WEEKDAY CLASS OFFERINGS AND UTILIZATION OF THE MAIN AUDITORIUM FOR PERFORMANCE EVENTS.
3. CLASSROOM SPACE - WEEKDAY CLASSES INCLUDING THE NORTHWEST MUSIC SCHOOL AS WELL AS A "MOTHER'S MORNING OUT" PROGRAM.
4. WEDDING CEREMONIES.
5. SMALL COFFEE SHOP - WITHIN MAIN LOBBY AREA FOR CHURCH PATRONS.
6. POTENTIAL FUTURE DAYCARE USE (THIS USE WOULD REQUIRE ADDITIONAL CLASSROOM EXPANSION ON THE NORTH SIDE OF THE BUILDING). THIS USE IS NOT PART OF THIS SUBMITTAL AND WILL REQUIRE ADDITIONAL PERMITTING.

GREEN BUILDING STANDARDS

THE FOLLOWING ELEMENTS ARE TO BE PROVIDED WITH THE FINAL DESIGN TO MEET THE MIN. 3.0 POINTS REQUIRED FOR THE GREEN BUILDING STANDARDS PER LDC SECTION 5.11.4:

- PROVIDE COOL ROOFS ON THE BUILDINGS - 1.50 POINTS
- PROVIDE CENTRAL AIR CONDITIONERS THAT ARE ENERGY STAR QUALIFIED - 0.50 POINT.
- PROVIDE STORM WATER INFILTRATION SYSTEM(S)/PONDS THAT CAPTURES A MINIMUM OF 25% OF SITE STORMWATER RUNOFF - 1.00 POINT

TOTAL: 3.00 POINTS

03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



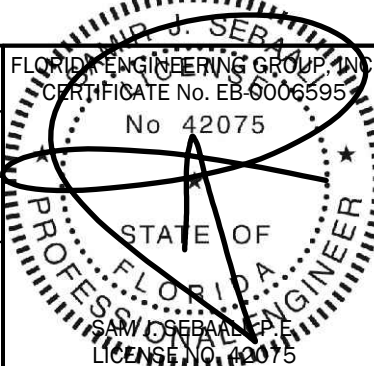
5127 S. Orange Avenue, Suite 200
Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325

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SITE GEOMETRY PLAN

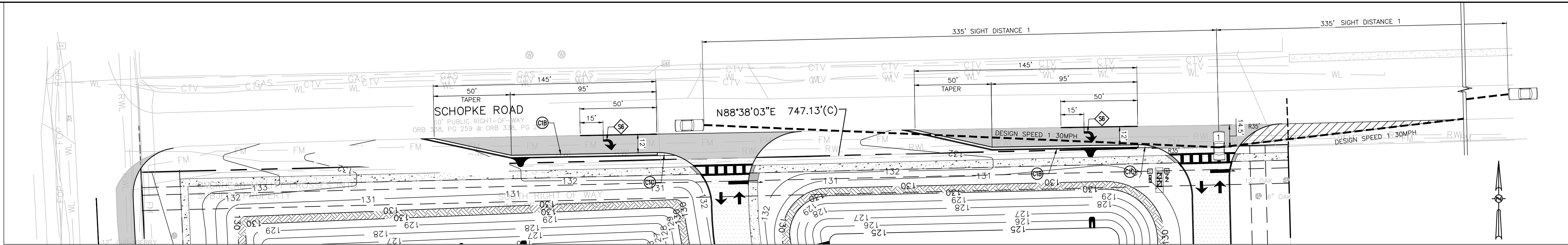
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
SJS	JT	SJS	SJS

PROJECT NO.	20-077
SCALE	1"=40'
DATE	DECEMBER 14, 2022
SHEET NO.	C-5A
SHEET 5	OF 18

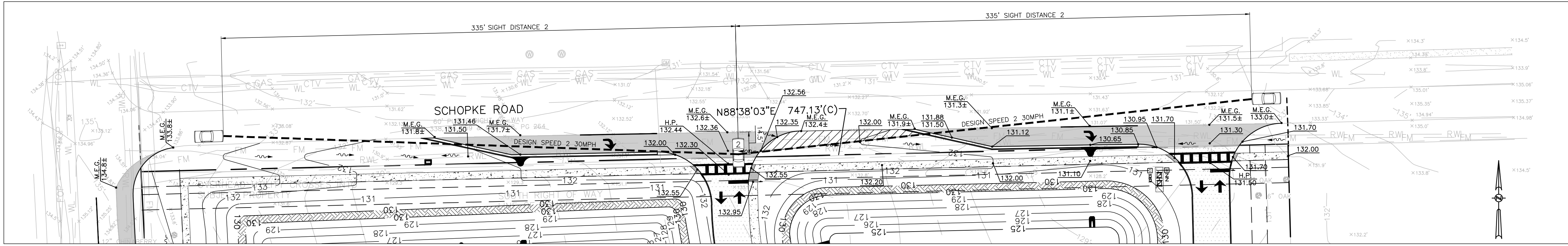


7/5/2023

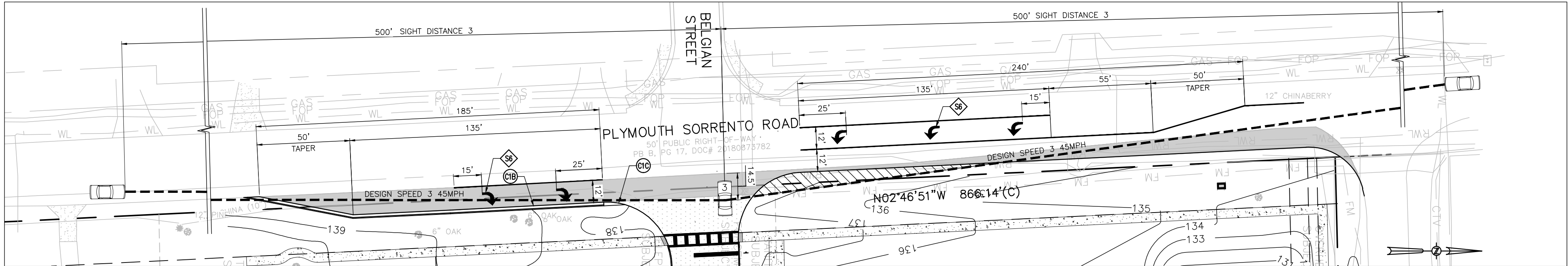
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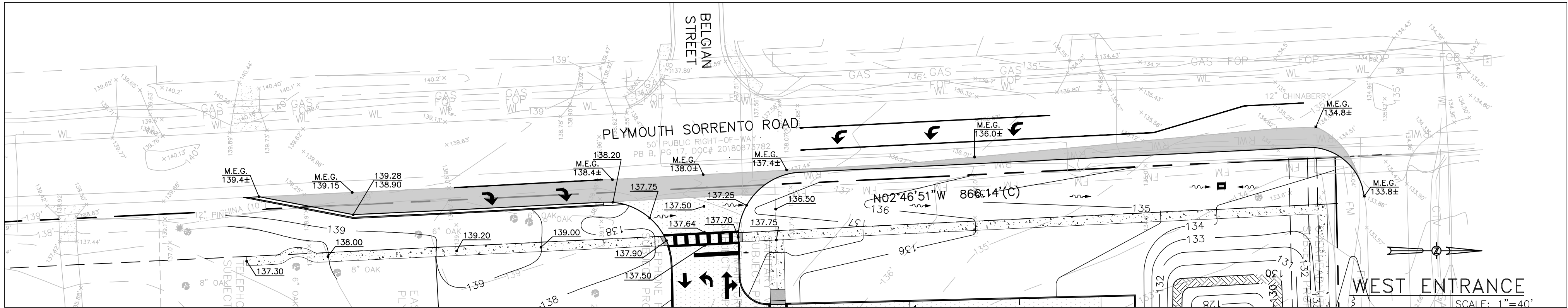
NORTH ENTRANCE
SCALE: 1"=40'



NORTH ENTRANCE
SCALE: 1"=40'



WEST ENTRANCE
SCALE: 1"=40'



WEST ENTRANCE
SCALE: 1"=40'

SITE STRIPING & SIGNAGE KEYNOTES

- S1. PROPERTY BOUNDARY.
- S2. HANDICAP PARKING STALL, TYPICAL.
- S3. HANDICAP SIGN.
- S4. 24" THERMOPLASTIC STOP BAR.
- S5. R1-1 HIGH INTENSITY REFLECTORIZED "STOP" SIGN.
- S6. DIRECTIONAL ARROWS PER LATEST F.D.O.T. STANDARD PLANS INDEX 711-001, TYPICAL.
- S7. CROSSWALK STRIPING PER LATEST F.D.O.T. STANDARD PLANS INDEX 711-001, TYPICAL.

SITE CONSTRUCTION KEYNOTES

- C1A. 6" HEAD CURB, TYPICAL.
- C1B. F.D.O.T. TYPE "F" CURB & GUTTER PER LATEST F.D.O.T. STANDARD PLANS INDEX 520-001, TYPICAL.
- C1C. 3" TRANSITION CURB.
- C1D. 6" RIBBON CURB.
- C2. ASPHALT PAVEMENT, LIGHT-DUTY IN PARKING SPACES.
- C3. ASPHALT PAVEMENT, HEAVY-DUTY IN DRIVE AISLES.
- C4. CONCRETE PAVEMENT.
- C5. CONCRETE SIDEWALK, TYPICAL.
- C6. MONOLITHIC CURB & SIDEWALK, TYPICAL.
- C7. HANDICAP ACCESS RAMP WITH A MAXIMUM 12:1 SLOPE, TYPICAL.
- C8. DETECTABLE WARNING SURFACE PER FLORIDA BUILDING CODE 2004.
- C9. WHEELSTOP PER LATEST F.D.O.T. STANDARD PLANS INDEX 520-001, TYPICAL.
- C10. BICYCLE RACK.
- C11. 12'x10' DUMPSTER W/ 10' CONCRETE PAD & 6' HIGH BLOCK WALL ENCLOSURE ON 3 SIDES.
- C12. BOLLARD.

03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA

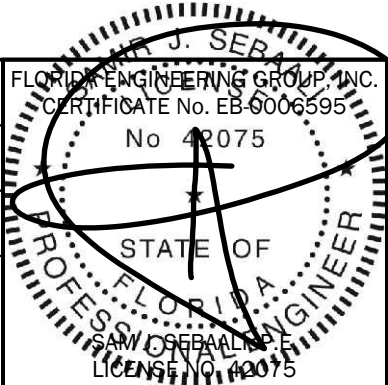


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SITE GEOMETRY NOTES, TURN LANES MARKING, STRIPING, AND SIGHT DISTANCE PLAN

DESIGNED BY SJS	DRAWN BY JT	CHECKED BY SJS	APPROVED BY SJS
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PROJECT NO. 20-077	SCALE NOTED	DATE DECEMBER 14, 2022	SHEET NO. C-5B
SHEET 6 OF 18			



7/5/2023

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SITE DRAINAGE KEYNOTES

- D1. F.D.O.T. MITERED END SECTION PER LATEST F.D.O.T. STANDARD PLANS INDEX 430-021, TYPICAL.
D2. F.D.O.T. TYPE "C" DITCH BOTTOM INLET PER LATEST F.D.O.T. STANDARD PLANS INDEX 425-052, TYPICAL.
D3. F.D.O.T. TYPE "D" DITCH BOTTOM INLET PER LATEST F.D.O.T. STANDARD PLANS INDEX 425-052, TYPICAL.
D4. F.D.O.T. TYPE "4" DITCH BOTTOM INLET PER LATEST F.D.O.T. STANDARD PLANS INDEX 425-020, TYPICAL.
D5. HDPE STORM CLEAN-OUT.
D6. 8" HDPE @ MIN. 1% SLOPE CONNECTION FROM DOWNSPOUT TO STORM, FIELD COORDINATE/ ADJUST AS NEEDED. SEE PLAN FOR LENGTH.

GRADING KEYNOTES

- G1. F.D.O.T. TYPE "III" SILT FENCE EROSION CONTROL BARRIER, TYPICAL.
G2. MATCH EXISTING PAVEMENT GRADE. SAW CUT EXISTING PAVEMENT EDGE, STRAIGHT TO PROVIDE A CLEAN JOINT AT INTERFACE OF EXISTING AND NEW PAVEMENT.

GRAPHIC SCALE



1"=40'

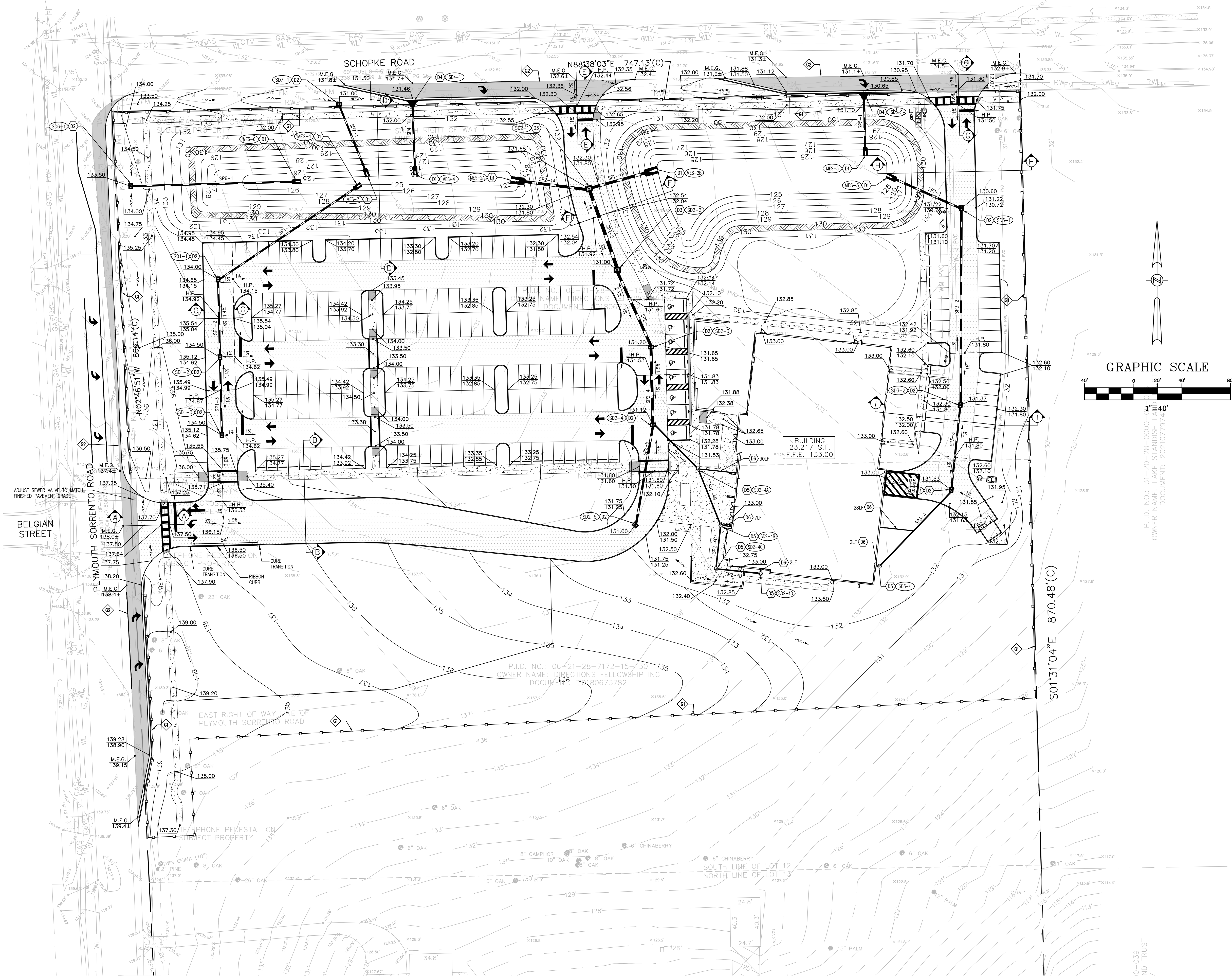
P.L.D. NO.: 31-20-28-0000-01
OWNER NAME: LAKE STANDISH LLC
DOCUMENT: 2021077974

ACCESSIBILITY NOTE:

ACCESSIBLE RAMPS WITH DETECTABLE WARNING SHALL BE PROVIDED AT ALL SIDEWALKS CROSSING ROADWAYS OR DRIVEWAYS. A MINIMUM OF 1% AND A MAXIMUM OF 2% CROSS SLOPE SHALL BE PROVIDED FOR ALL CROSSWALKS.

EROSION CONTROL NOTE:

PROVIDE AND MAINTAIN SYNTHETIC SEDIMENT BARRIERS AT ALL INLETS DURING CONSTRUCTION. THIS IS REQUIRED IN ADDITION TO THE REQUIREMENTS SHOWN ON THE SWPPP.



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07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



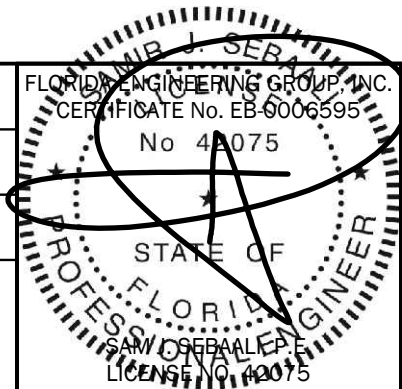
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SITE PAVING, GRADING, AND
DRAINAGE PLAN

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
SJS	JT	SJS	SJS

PROJECT NO.	20-077
SCALE	1"=40'
DATE	DECEMBER 14, 2022
SHEET NO.	C-6A
SHEET 7	OF 18



7/5/2023

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CONCRETE CONSTRUCTION NOTES

- 1.CONCRETE PRE-CONSTRUCTION MEETING
- A.THE CONCRETE CONTRACTOR ALONG WITH THE CONCRETE PRODUCER MAY REQUEST THROUGH THE GENERAL CONTRACTOR FOR A PRE-CONSTRUCTION MEETING PRIOR TO CONCRETE PLACEMENT.
- B.ATTENDEE: CONCRETE CONTRACTOR, CONCRETE PRODUCER, GENERAL CONTRACTOR, OWNER OR OWNER'S REPRESENTATIVE(S), ENGINEER OF RECORD, ARCHITECT, SITE CONTRACTOR, GEOTECHNICAL REPRESENTATIVE(S), ETC.
- C.AGENDA: INCLUDE BUT NOT LIMITED TO THE FOLLOWINGS; (CONTRACTOR MAY CONTACT THE FLORIDA CONCRETE & PRODUCTS ASSOCIATION FOR PRE-CONSTRUCTION MEETING CHECK LISTS)
- i.MIXTURE(S) APPROVAL
- ii. CONCRETE TESTING: TYPE, LOCATION OF SAMPLINGS, ETC.
- iii. CONCRETE DELIVERY: QUANTITY/HR, PUMP, CONVEYOR, ETC.
- iv. PLACEMENT: METHOD, QUANTITY/DAY, STAGING & CLEAN OUT LOCATION, ETC.
- v. FINISHING: CURING, JOINTING, ETC.
- 2.JOINTS FOR CONCRETE SLABS
- A.GENERAL -- A JOINTING PLAN FOR THE ENTIRE PAVING AREA SHALL BE PREPARED BY THE CONCRETE CONTRACTOR & SUBMITTED TO THE ENGINEER OF RECORD (EOR) 2 WEEKS PRIOR TO PLACEMENT OF CONCRETE FOR THE EOR APPROVAL. THE CONTRACTOR MAY ALSO CONTACT THE FLORIDA CONCRETE & PRODUCTS ASSOCIATION (FC&PA) FOR TECHNICAL RESOURCES AND ASSISTANT.
- i.A SQUARE JOINTING PATTERN IS REQUIRED WHERE POSSIBLE. IF NECESSARY, RECTANGULAR PANELS CAN BE USED IF THE LONG DIMENSION IS NO MORE THAN 1.5 TIMES THE SHORT (e.g. 8' x 12"). JOINT SPACING SHALL NOT EXCEED THE FOLLOWING: 10 FEET IN A 4" THICK SLAB, 12 FEET IN A 5" THICK SLAB OR 15 FEET IN SLAB WITH THICKNESS OF 6" OR GREATER.
- ii. BOX OUT AREA AROUND MANHOLES, CATCH BASINS, DRAINAGE STRUCTURES & OTHER BUILT-IN STRUCTURES WITHIN THE PAVING AREA SHALL BE CIRCULAR WHERE POSSIBLE. A MINIMUM OFFSET OF 12" FROM ANY EDGE OF THE STRUCTURE. OBTAIN A COPY OF THE FC&PA STANDARD DETAILS FOR REFERENCE. CONSTRUCTION & CONTROL JOINTS SHALL BE CONTINUOUS THROUGH ADJACENT LANES & EXTEND THROUGH INTEGRAL CURB. JOINTS CAN BE TERMINATED & OFFSET AT ISOLATION JOINTS. WHERE JOINTS INTERFACE ANY RADIUS OR CURVATURE, OFFSET A MINIMUM OF 12" FROM EDGE OF PAVEMENT AND FORM JOINT 90 DEGREE TO EDGE OF PAVEMENT TO AVOID ACUTE ANGLE OR SMALL WEDGES OF CONCRETE AT CURVATURES. OBTAIN A COPY OF THE FC&PA STANDARD DETAILS FOR REFERENCE.
- B.CONSTRUCTION JOINTS -- A CONSTRUCTION JOINT SEPARATES ONE DAY PLACEMENT TO THE NEXT DAY PLACEMENT. A CONSTRUCTION JOINT SHALL BE A MINIMUM OF 5 FEET FROM ANY ADJACENT CONTROL JOINT. NEXT DAY PLACEMENT SHALL BUTT UP TO THE EXISTING PAVEMENT AS A COLD JOINT. THE CONSTRUCTION JOINT MAY BE HAND-TOOLED WITH MAXIMUM 0.25" RADIUS AT THE EDGE OF THE JOINT.CONTROL JOINTS FROM BOTH PLACEMENT AREAS SHALL MATCH AND BE CONTINUOUS ACROSS THE CONSTRUCTION JOINT.
- C.CONTROL/CONTRACTION JOINTS -- CONTROL JOINTS ARE JOINTS WITHIN THE PAVING AREA FORMED THROUGH TOOLING OR SAW CUTTING. CONTROL JOINTS ESTABLISH WEAK PLANES TO RELIEVE STRESSES DUE TO SHRINKAGE OR TEMPERATURE CHANGE. INSTALL CONTROL JOINTS WITHIN 12 HRS FROM THE TIME THE CONCRETE HITS THE GROUND OR OBTAIN IN WRITING APPROVAL FROM THE EOR BEYOND THE 12-HR TIME LIMIT.
- i.EARLY-ENTRY SAW CUTTING METHOD: CUT JOINT TO A MINIMUM OF 1" DEEP FOR PAVEMENT THICKNESS UP TO 8". CUTTING OF JOINT SHALL NOT CAUSE RAVELING TO THE EDGES OR DEFORMATION OF THE SURFACE DUE TO EQUIPMENT OR WORKER.
- ii. OTHER METHODS: INSTALL JOINT TO A MINIMUM OF 1/3 OF PAVEMENT DEPTH. FINISH EDGES WITH 0.25" RADIUS. OPERATION SHALL NOT CAUSE ANY DEFORMATION OF THE SURFACE.
- D.ISOLATION JOINTS -- THESE JOINTS USE ISOLATION MATERIALS TO PREVENT FRESH CONCRETE FROM BONDING TO HARDENED CONCRETE SUCH AS, BUT NOT LIMITED TO, BUILDING FOUNDATIONS, SIDEWALKS, DRAINAGE STRUCTURES, LIGHTING & SIGNAGE BASES, RETAINING WALLS, CURBS, ETC. THE ISOLATION MATERIAL SHALL EXTEND THE FULL-DEPTH OF THE FRESH CONCRETE THICKNESS. FROM ONE DAY PLACEMENT TO THE NEXT, WHERE JOINTS ARE MATCHED, ISOLATION MATERIAL IS NOT NECESSARY. (E.G. ONE LANE PAVING TO THE NEXT, INTEGRAL CURBS)
- E.ISOLATION JOINTS BETWEEN SLABS AT SOME GRADE SHALL BE FORMED WITH 0.25 INCH THICK NEOPRENE OR 0.50 INCH THICK ASPHALT IMPREGNATED FIBER FILLER WITH HYDROCARBON RESISTANT ELASTOMERIC FILL MATERIAL AS SEALER. ALL EDGES TO BE HAND TOOLED WITH MAXIMUM 0.50 INCH RADIUS.
- F.A SATISFACTORY ISOLATION JOINT CAN BE FORMED AT METAL BUILDING CURBS BY PLACING A STRIP OF CURING PAPER AGAINST THE METAL FORM & THEN PLACING THE FRESH CONCRETE AGAINST THE PAPER. THE EDGES OF THE SLAB SHALL BE HAND TOOLED WITH MAXIMUM 0.50 INCH RADIUS.

- 3.JOINTS SEALANT -- A JOINT SEALING PLAN FOR THE AFFECTED AREA SHALL BE PREPARED BY THE CONCRETE CONTRACTOR & SUBMITTED TO THE EOR, ALONG WITH THE JOINTING PLAN, 2 WEEKS PRIOR TO PLACEMENT OF CONCRETE FOR THE EOR APPROVAL. NOT ALL JOINT WILL BE REQUIRED SEALING, THE CONCRETE CONTRACTOR IS TO RECOMMEND THE NECESSARY LOCATION AND TO PROVIDE SUPPORTING DOCUMENTATION FOR NON-SEALING AREAS. USE A POLYURETHANE SEALANT (TREMCO THC-900/THC-901 MULTI-COMPOUND)COMPOUND OR EQUIVALENT. THE CONCRETE CONTRACTOR IS TO SUBMIT SEALANT TYPE AND MANUFACTURER INFORMATION TO THE EOR FOR APPROVAL WHEN "EQUIVALENT" IS USE. JOINTS SHALL BE PREPARED BY FOLLOWING MANUFACTURER'S RECOMMENDATIONS PRIOR TO SEALING.

DRAINAGE STRUCTURE LEGEND

MES-1 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD1-1 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 134.48 INV. ELEV. 126.40 NE INV. ELEV. 130.03 S	SD1-2 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 134.60 INV. ELEV. 130.64 N INV. ELEV. 130.64 S	SD1-3 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 134.50 INV. ELEV. 131.25 N
MES-2A 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	MES-2B 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD2-1 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.68 INV. ELEV. 125.64 NW INV. ELEV. 125.57 NE INV. ELEV. 126.00 SE	SD2-2 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.43 INV. ELEV. 126.35 NW INV. ELEV. 126.35 SE
SD2-3 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.30 INV. ELEV. 126.69 NW INV. ELEV. 126.69 S	SD2-4 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.12 INV. ELEV. 127.00 N INV. ELEV. 127.00 SW INV. ELEV. 127.00 SE	SD2-4A STORM CLEAN-OUT TOP ELEV. 132.40 INV. ELEV. 127.51 NW INV. ELEV. 127.51 SE INV. ELEV. 127.51 SW	SD2-4B STORM CLEAN-OUT TOP ELEV. 132.90 INV. ELEV. 128.01 NE INV. ELEV. 128.01 E INV. ELEV. 128.01 S
SD2-4C STORM CLEAN-OUT TOP ELEV. 132.73 INV. ELEV. 128.37 N INV. ELEV. 128.37 SE	SD2-4D STORM CLEAN-OUT TOP ELEV. 132.50 INV. ELEV. 128.74 NW INV. ELEV. 128.74 N	SD2-5 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.00 INV. ELEV. 127.40 NE	
MES-3 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD3-1 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 130.60 INV. ELEV. 125.66 NW INV. ELEV. 127.13 S	SD3-2 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.37 INV. ELEV. 127.92 N INV. ELEV. 128.17 SW	SD3-3 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.53 INV. ELEV. 128.50 NE INV. ELEV. 128.50 SW
SD3-4 STORM CLEAN-OUT TOP ELEV. 132.50 INV. ELEV. 129.35 NE INV. ELEV. 129.35 W			
MES-4 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD4-1 TYPE "A" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-020 TOP ELEV. 131.88 INV. ELEV. 125.58 S		
MES-5 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD5-1 TYPE "A" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-020 TOP ELEV. 131.28 INV. ELEV. 125.48 S		
MES-6 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD6-1 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 133.50 INV. ELEV. 126.40 E		
MES-7 4:1 MITERED END SECTION PER F.D.O.T. STANDARD PLANS INDEX 430-021 INV. ELEV. 125.00	SD7-1 TYPE "C" INLET PER F.D.O.T. STANDARD PLANS INDEX 425-052 TOP ELEV. 131.00 INV. ELEV. 125.63 SE		

STORM DRAINAGE PIPE CHART

DESIGNATION	PIPE			FROM STRUCTURE NUMBER	TO STRUCTURE NUMBER
	LENGTH (LINEAR FEET)	SIZE & TYPE	SLOPE		
SP1-1	140	15" R.C.P.	1.0%	MES-1	SD1-1
SP1-2	61	15" R.C.P.	1.0%	SD1-1	SD1-2
SP1-3	61	15" R.C.P.	1.0%	SD1-2	SD1-3

SP2-1A	64	24" R.C.P.	1.0%	MES-2A	SD2-1
SP2-1B	57	24" R.C.P.	1.0%	MES-2B	SD2-1
SP2-2	69	30" R.C.P.	0.5%	SD2-1	SD2-2
SP2-3	67	24" R.C.P.	0.5%	SD2-2	SD2-3
SP2-4	61	24" R.C.P.	0.5%	SD2-3	SD2-4
SP2-4A	51	12" HP	1.0%	SD2-4	SD2-4A
SP2-4B	50	12" HP	1.0%	SD2-4A	SD2-4B
SP2-4C	36	12" HP	1.0%	SD2-4B	SD2-4C
SP2-4D	37	12" HP	1.0%	SD2-4C	SD2-4D
SP2-5	81	18" R.C.P.	0.5%	SD2-4	SD2-5

SP3-1	66	18" R.C.P.	1.0%	MES-3	SD3-1
SP3-2	159	18" R.C.P.	0.5%	SD3-1	SD3-2
SP3-3	67	15" R.C.P.	0.5%	SD3-2	SD3-3
SP3-4	84	12" HP	1.0%	SD3-3	SD3-4

SP4-1	58	15" R.C.P.	1.0%	MES-4	SD4-1
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SP5-1	48	15" R.C.P.	1.0%	MES-5	SD5-1
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SP6-1	139	15" R.C.P.	1.0%	MES-6	SD6-1
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SP7-1	63	15" R.C.P.	1.0%	MES-7	SD7-1
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ACCESSIBILITY NOTE:

ACCESSIBLE RAMPS WITH DETECTABLE WARNING SHALL BE PROVIDED AT ALL SIDEWALKS CROSSING ROADWAYS OR DRIVEWAYS. A MINIMUM OF 1% AND A MAXIMUM OF 2% CROSS SLOPE SHALL BE PROVIDED FOR ALL CROSSWALKS.

EROSION CONTROL NOTE:

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DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



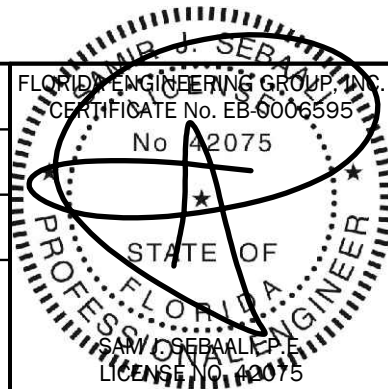
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SITE PAVING GRADING AND
DRAINAGE NOTES

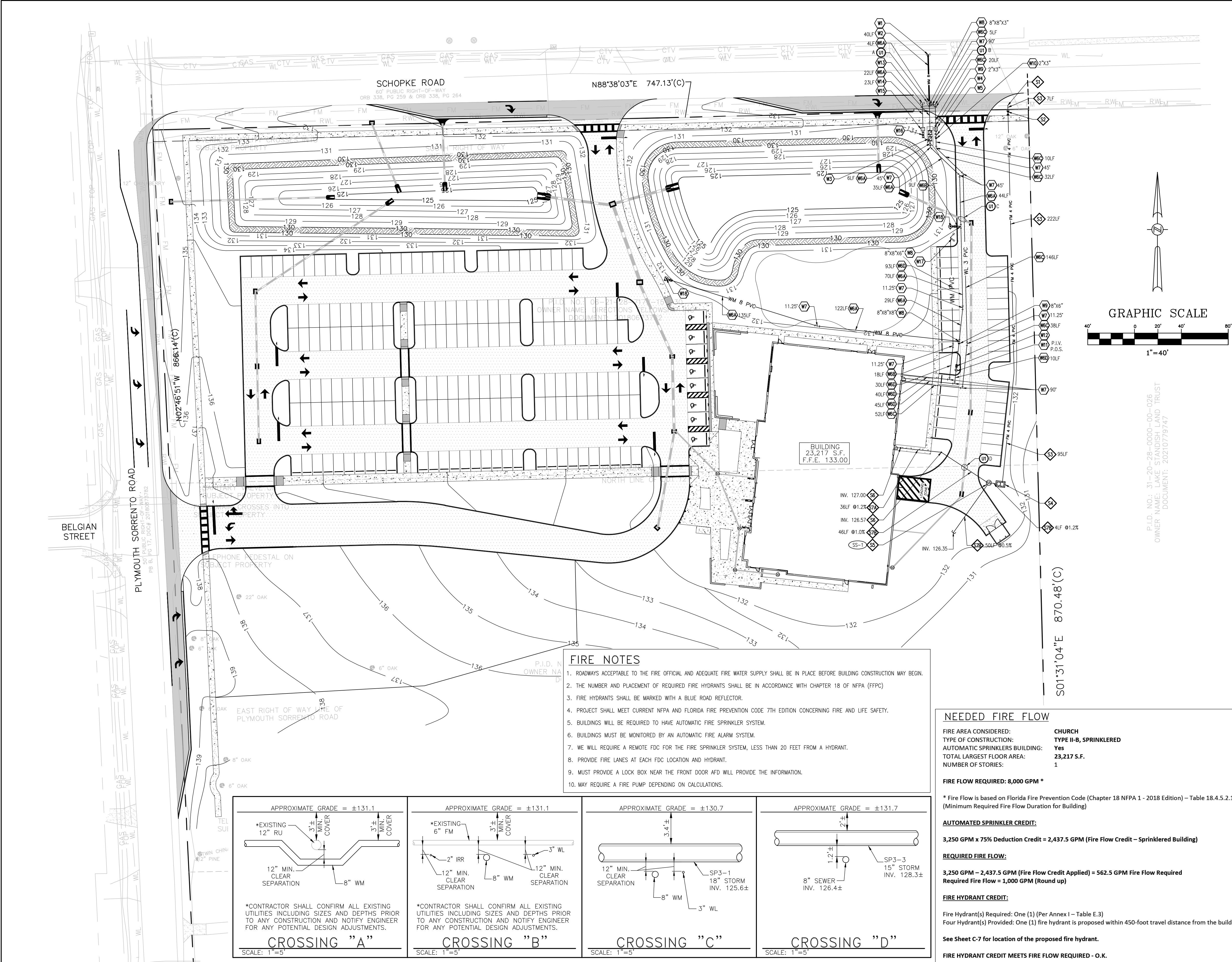
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PROJECT NO. 20-077	SCALE NOTED
DATE DECEMBER 14, 2022	SHEET NO. C-6B
SHEET 8	OF 18

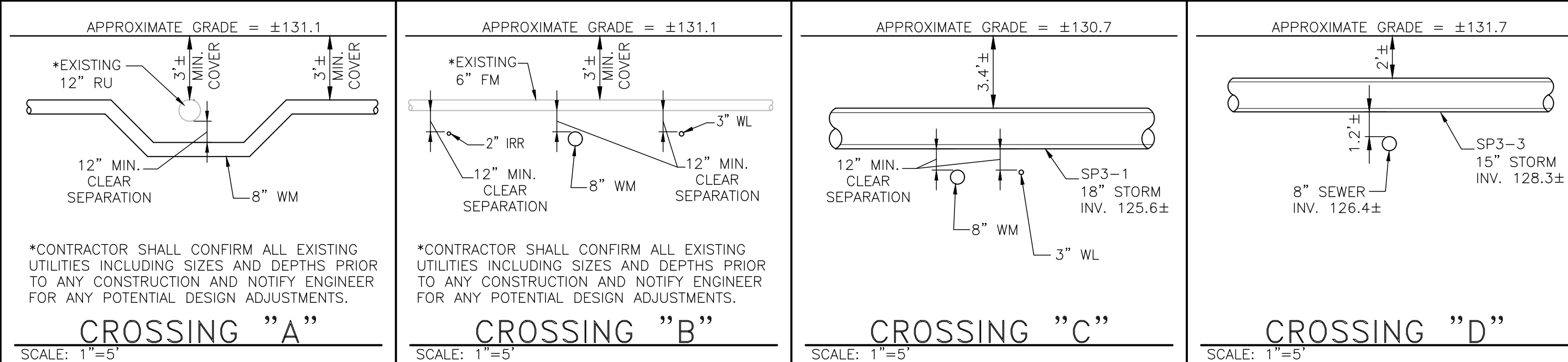


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- FIRE NOTES**
- ROADWAYS ACCEPTABLE TO THE FIRE OFFICIAL AND ADEQUATE FIRE WATER SUPPLY SHALL BE IN PLACE BEFORE BUILDING CONSTRUCTION MAY BEGIN.
 - THE NUMBER AND PLACEMENT OF REQUIRED FIRE HYDRANTS SHALL BE IN ACCORDANCE WITH CHAPTER 18 OF NFPA (FFPC).
 - FIRE HYDRANTS SHALL BE MARKED WITH A BLUE ROAD REFLECTOR.
 - PROJECT SHALL MEET CURRENT NFPA AND FLORIDA FIRE PREVENTION CODE 7TH EDITION CONCERNING FIRE AND LIFE SAFETY.
 - BUILDINGS WILL BE REQUIRED TO HAVE AUTOMATIC FIRE SPRINKLER SYSTEM.
 - BUILDINGS MUST BE MONITORED BY AN AUTOMATIC FIRE ALARM SYSTEM.
 - WE WILL REQUIRE A REMOTE FDC FOR THE FIRE SPRINKLER SYSTEM, LESS THAN 20 FEET FROM A HYDRANT.
 - PROVIDE FIRE LANES AT EACH FDC LOCATION AND HYDRANT.
 - MUST PROVIDE A LOCK BOX NEAR THE FRONT DOOR AFD WILL PROVIDE THE INFORMATION.
 - MAY REQUIRE A FIRE PUMP DEPENDING ON CALCULATIONS.



NEEDED FIRE FLOW

FIRE AREA CONSIDERED:
TYPE OF CONSTRUCTION:
AUTOMATIC SPRINKLERS BUILDING:
TOTAL LARGEST FLOOR AREA:
NUMBER OF STORIES:

**CHURCH
TYPE II-B, SPRINKLERED
Yes
23,217 S.F.
1**

FIRE FLOW REQUIRED: 8,000 GPM *

* Fire Flow is based on Florida Fire Prevention Code (Chapter 18 NFPA 1 - 2018 Edition) - Table 18.4.5.2.1 (Minimum Required Fire Flow Duration for Building)

AUTOMATED SPRINKLER CREDIT:

3,250 GPM x 75% Deduction Credit = 2,437.5 GPM (Fire Flow Credit - Sprinklered Building)

REQUIRED FIRE FLOW:

**3,250 GPM - 2,437.5 GPM (Fire Flow Credit Applied) = 562.5 GPM Fire Flow Required
Required Fire Flow = 1,000 GPM (Round up)**

FIRE HYDRANT CREDIT:

Fire Hydrant(s) Required: One (1) (Per Annex I - Table E.3)
Four Hydrant(s) Provided: One (1) fire hydrant is proposed within 450-foot travel distance from the building.

See Sheet C-7 for location of the proposed fire hydrant.

FIRE HYDRANT CREDIT MEETS FIRE FLOW REQUIRED - O.K.

- # WATER UTILITY KEYNOTES**
- CONNECT TO EXISTING 8" PVC PUBLIC WATER MAIN WITH AN 8"x8" TAPPING VALVE & SLEEVE.
 - 8" HDPE DR11, BLUE IN COLOR (ANSI/AWWA C906) DIRECTIONAL DRILL FOR WATER CONNECTION. SEE PLAN FOR LENGTH.
 - 8" REDUCED PRESSURE DETECTOR ASSEMBLY (RPDA) WITH CHECK VALVE AND MONITORING METER FOR FIRE SERVICE PER CITY OF APOPKA UTILITY REQUIREMENTS. RPDA SHALL BE MONITORED IN ACCORDANCE WITH NFPA 72.
 - 2" DOMESTIC WATER METER.
 - 2" DOMESTIC WATER REDUCED PRESSURE BACKFLOW PREVENTER. TO BE INSTALLED BY DEVELOPER'S CONTRACTOR IN ACCORDANCE WITH CITY OF APOPKA REQUIREMENTS.
 - 8" PVC C-900 DR-18 WATER MAIN. SEE PLAN FOR LENGTH.
 - 6" PVC C-900 DR-18 WATER MAIN. SEE PLAN FOR LENGTH.
 - 3" CLASS 200 SDR 21 PVC WATER LINE. SEE PLAN FOR LENGTH.
 - 6" PVC C-900 DR-14 FIRE LINE. SEE PLAN FOR LENGTH. SEE FIRE SERVICE NOTE 14.
 - BEND WITH RESTRAINED JOINTS TYPICAL, SEE PLAN FOR ANGLE.
 - TEE, TYPICAL. SEE PLAN FOR SIZE.
 - REDUCER. SEE PLAN FOR SIZE.
 - INCREASER. SEE PLAN FOR SIZE.
 - POST INDICATOR VALVE. POINT OF SERVICE (P.O.S.)
 - CHECK VALVE. SEE PLAN FOR SIZE.
 - CONNECT TO EXISTING 12" PVC PUBLIC RECLAIMED WATER MAIN. WITH A 12"x2" TAPPING VALVE & SLEEVE.
 - 2" PVC C-900 DR-18 RECLAIMED IRRIGATION LINE, PURPLE IN COLOR, SEE PLAN FOR LENGTH.
 - 1-1/2" RECLAIMED IRRIGATION METER.
 - 1-1/2" IRRIGATION SERVICE REDUCED PRESSURE BACKFLOW PREVENTER.
 - FIRE DEPARTMENT CONNECTION (FDC).
 - FIRE HYDRANT ASSEMBLY.

- # SANITARY SEWER UTILITY KEYNOTES**
- CONNECT TO EXISTING 6" PVC PUBLIC SANITARY FORCE MAIN WITH A 6"x4" TAPPING VALVE & SLEEVE.
 - PLUG VALVE TO BE INSTALLED AT THE R.O.W. LINE. THE PLUG VALVE SHALL BE INSTALLED WITH THE VALVE STEM IN VERTICAL POSITION.
 - 4" PVC SDR 18 FORCE MAIN, CLASS 150, GREEN IN COLOR, MINIMUM 3 FT. OF COVER.
 - PRIVATE SANITARY SEWER LIFT STATION, SEE SHEET C-10. FOR DETAIL.
 - SANITARY SEWER MANHOLE.
 - SANITARY CLEAN-OUT. SEE PLAN FOR INVERT.
 - 6" SDR 26 PVC SANITARY SEWER LINE. SEE PLAN FOR LENGTH AND SLOPE.
 - 8" SDR 26 PVC SANITARY SEWER LINE. SEE PLAN FOR LENGTH AND SLOPE.

SANITARY SEWER STRUCTURE LEGEND

SS-1
SANITARY MANHOLE
TOP ELEV. = 132.00
INV. ELEV. = 126.10 NW
INV. ELEV. = 126.10 SW
INV. ELEV. = 126.00 E

- UTILITY NOTES**
- REFER TO CITY OF APOPKA STANDARD DETAILS FOR ALL UTILITY DESIGN INFORMATION. ALL WATER & SANITARY SEWER UTILITY CONSTRUCTION TO BE PER CITY OF APOPKA REQUIREMENTS.
 - CONTRACTOR TO FIELD VERIFY THE LOCATION AND SIZES OF ALL EXISTING UTILITIES @ CONNECTION POINTS AND IDENTIFY ANY CONFLICTS OR DISCREPANCIES PRIOR TO ORDERING MATERIAL OR START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ENGINEER OF RECORD. THE ENGINEER SHALL COORDINATE ANY DESIGN CHANGES W/ CITY OF APOPKA.
 - CONTRACTOR SHALL MAINTAIN A MINIMUM OF 3' COVER OVER ALL PROPOSED UTILITIES, UNLESS SHOWN OTHERWISE ON PLANS.
 - CONTRACTOR SHALL NOTIFY THE CITY OF APOPKA PUBLIC UTILITIES CONSTRUCTION DEPARTMENT 48 HOURS PRIOR TO ANY UTILITIES CONSTRUCTION PH. # 407-703-1731.
 - THE CONSTRUCTION OF ALL UTILITIES PROPOSED FOR CONNECTION TO THE UTILITY SYSTEM SHALL BE IN CONFORMANCE WITH THE CITY OF APOPKA STANDARDS & CONSTRUCTION SPECIFICATIONS.

- SANITARY SEWER SERVICE NOTES**
- CONSTRUCTION OF THE SANITARY SEWER SERVICE SYSTEM SHALL MEET CITY OF APOPKA & FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.
 - ALL PLUMBING WORK SHALL EXTEND TO CLEAN OUT LOCATION ADJACENT TO BUILDING AND IS TO BE COORDINATED BETWEEN SITE AND BUILDING/ PLUMBING CONTRACTOR AS TO SIZE, LOCATION, AND ELEVATION PRIOR TO ANY SEWER SYSTEM OR MAJOR INFRASTRUCTURE WORK.

CLEAN-OUT NOTE

CLEAN-OUT TOPS SHALL MATCH SIDEWALK FINISHED GRADES OR DIRT GRADES AS APPLICABLE. ALL CLEAN-OUTS IN PAVED OR WALKWAY AREAS SHALL HAVE BRASS RING & PLUG TOPS. REFER TO CITY OF APOPKA DETAILS FOR CLEAN-OUTS IN TRAFFIC BEARING AREAS. ALL SANITARY CLEAN-OUT TOPS SHALL HAVE COVERS WHICH ARE IDENTIFIED AS "SANITARY".

- WATER SERVICE NOTES**
- CONSTRUCTION OF THE WATER DISTRIBUTION SYSTEM SHALL MEET CITY OF APOPKA & FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION REQUIREMENTS.

- UTILITY NOTES:**
- POTABLE & SANITARY SERVICE CONNECTIONS TO ALL THE BUILDINGS ARE TO BE COORDINATED WITH FINAL SITE ENGINEERING AND ARCHITECTURAL DRAWINGS.
 - ALL PLUMBING WORK SHALL EXTENDED TO 5FT. OUTSIDE OF THE BUILDING AND IS TO BE COORDINATED BETWEEN SITE AND BUILDING/ PLUMBING CONTRACTOR AS TO SIZE, LOCATION AND DEPTH.

CITY OF APOPKA (C.O.A.) UTILITY NOTES:

- THE DEVELOPER'S CONTRACTOR SHALL ACCOMPLISH ALL WATER MAIN & SERVICE WORK THROUGH THE POINT OF CONNECTION/FIRE SERVICE CONTROL VALVE & WATER METERS. C.O.A. WILL OWN & OPERATE UP TO & INCLUDING THE POINT OF CONNECTION/FIRE SERVICE CONTROL VALVE & METERS ONLY. THE REQUIRED WORK SHALL BE PERFORMED PER CURRENT C.O.A. MATERIAL SPECIFICATION & WATER DETAIL SHEET UNDER C.O.A. INSPECTION. TO SCHEDULE C.O.A. INSPECTION, CALL 407-703-1718.
- THE DEVELOPER/CONTRACTOR SHALL FIELD VERIFY THE VERTICAL & HORIZONTAL LOCATION OF EXISTING C.O.A. WATER FACILITIES BEFORE COMMENCEMENT OF CONSTRUCTION.
- THE DEVELOPER/CUSTOMER IS RESPONSIBLE FOR ALL REQUIRED PERMITS.

03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

**CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA**

FEG FLORIDA ENGINEERING GROUP
Engineering the Future

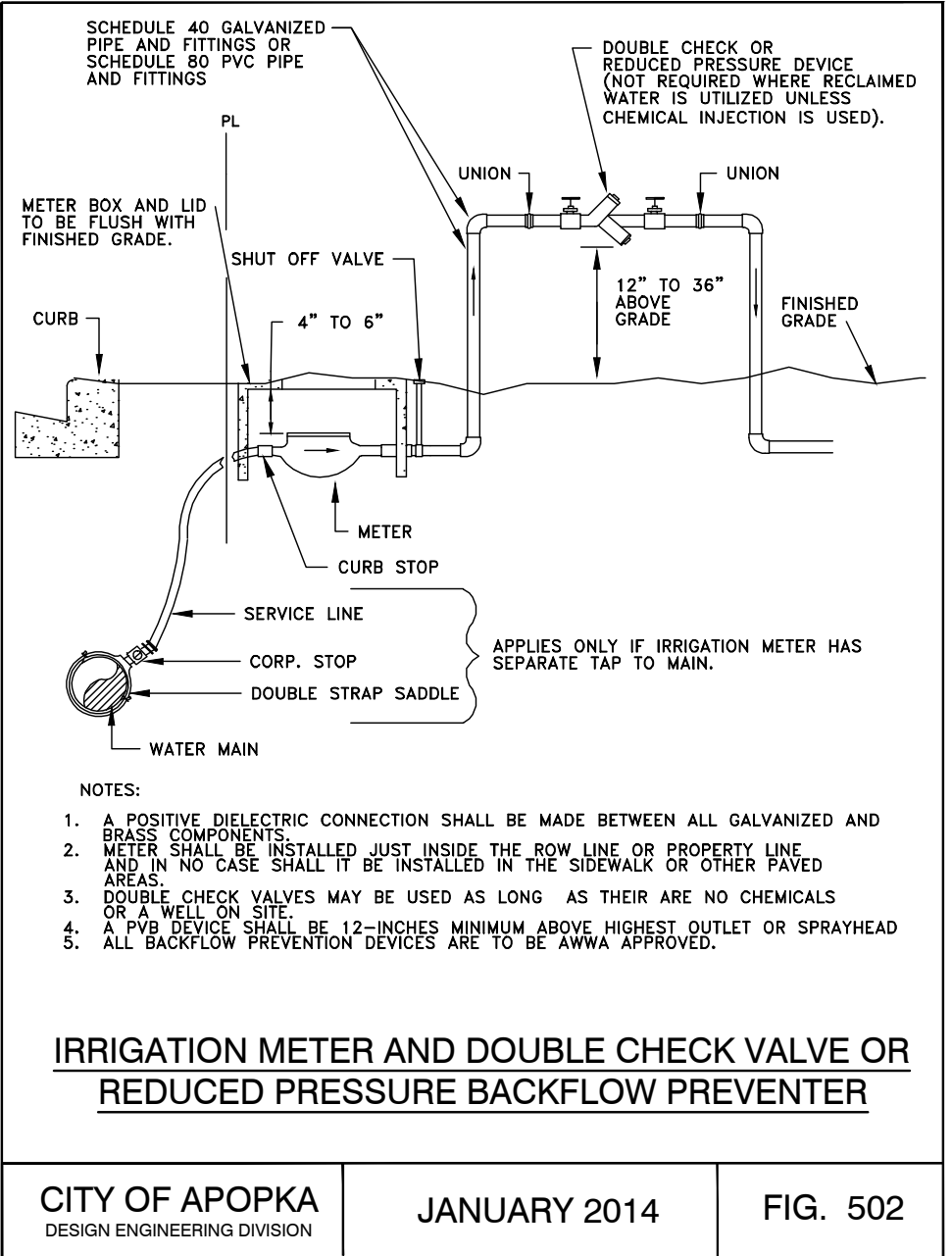
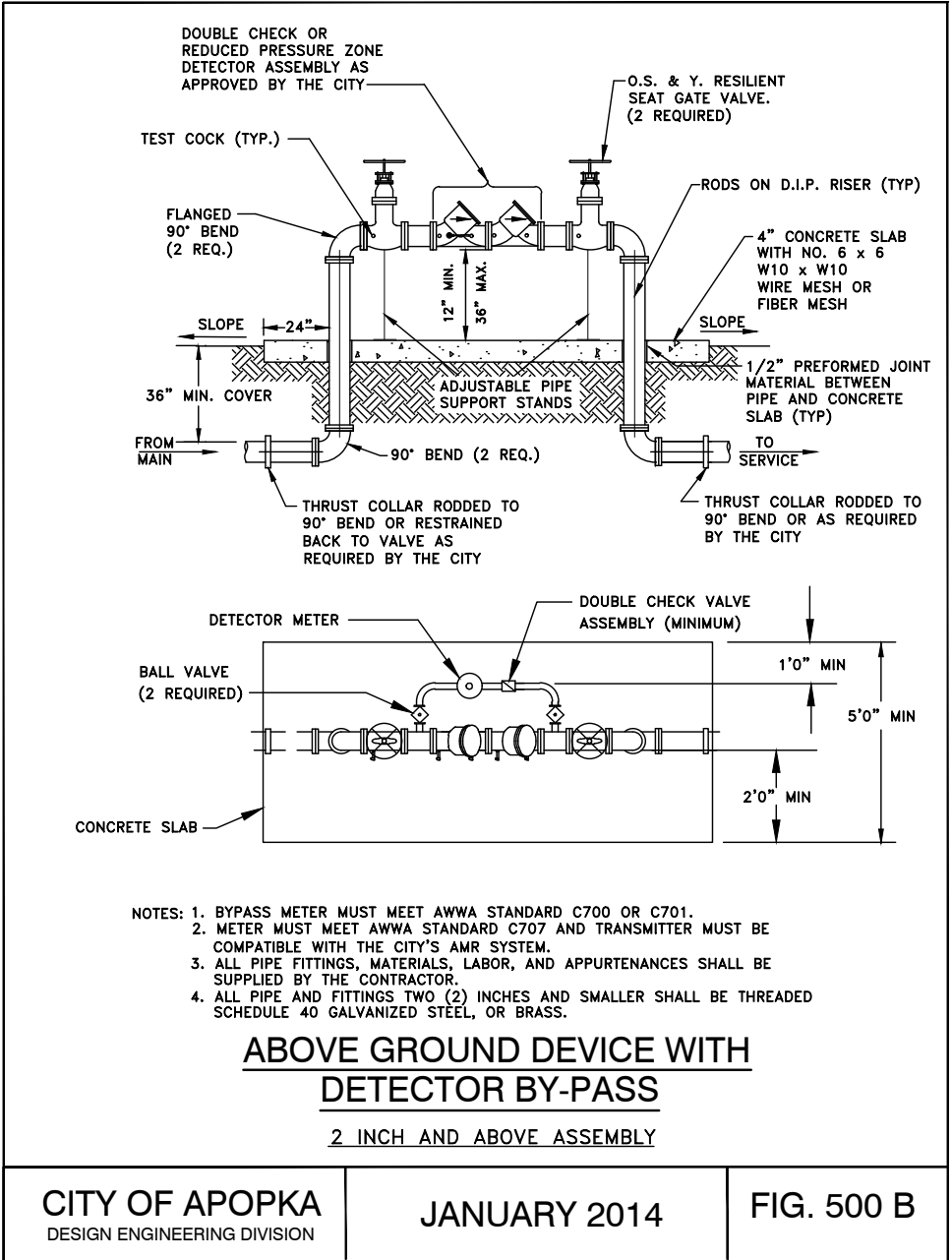
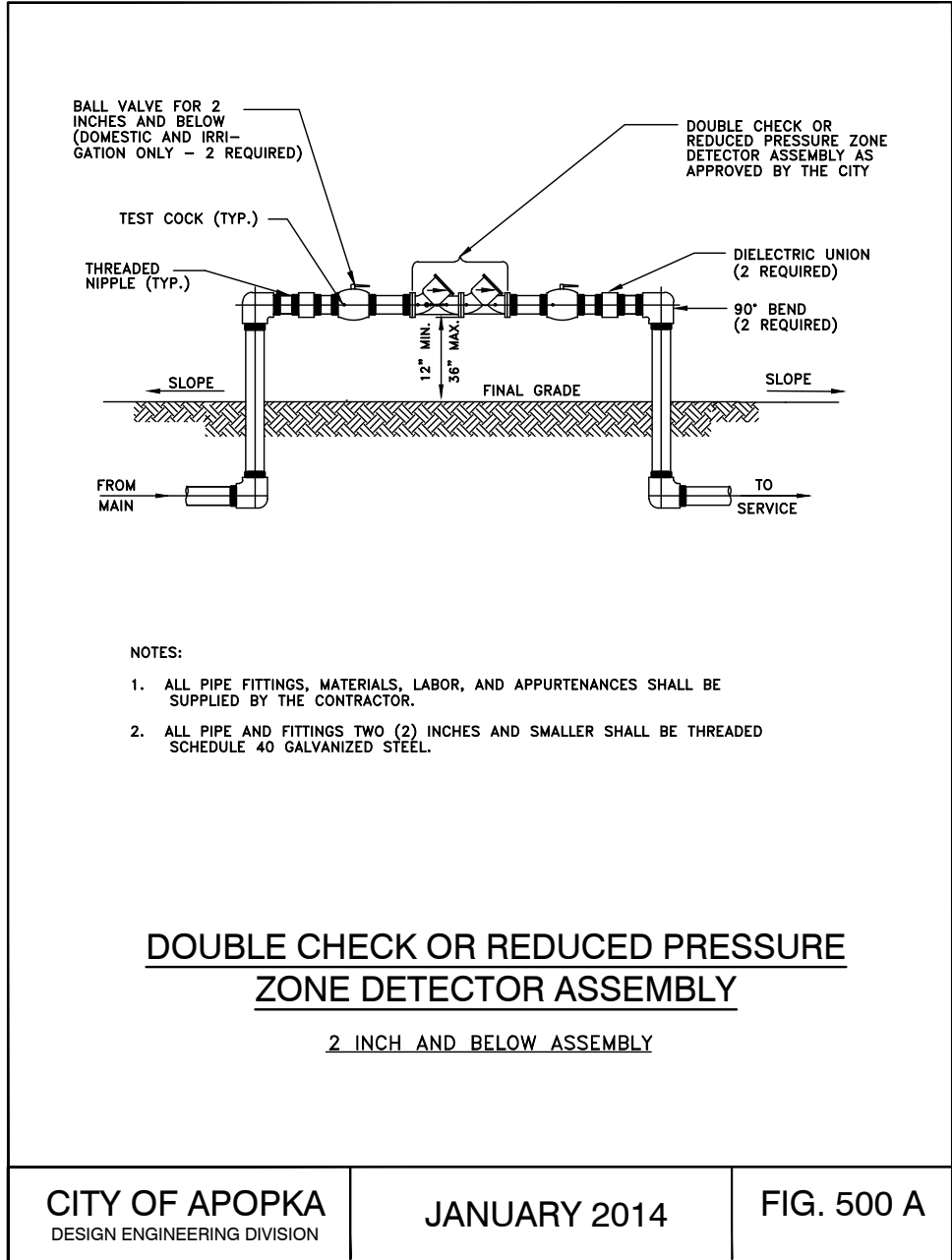
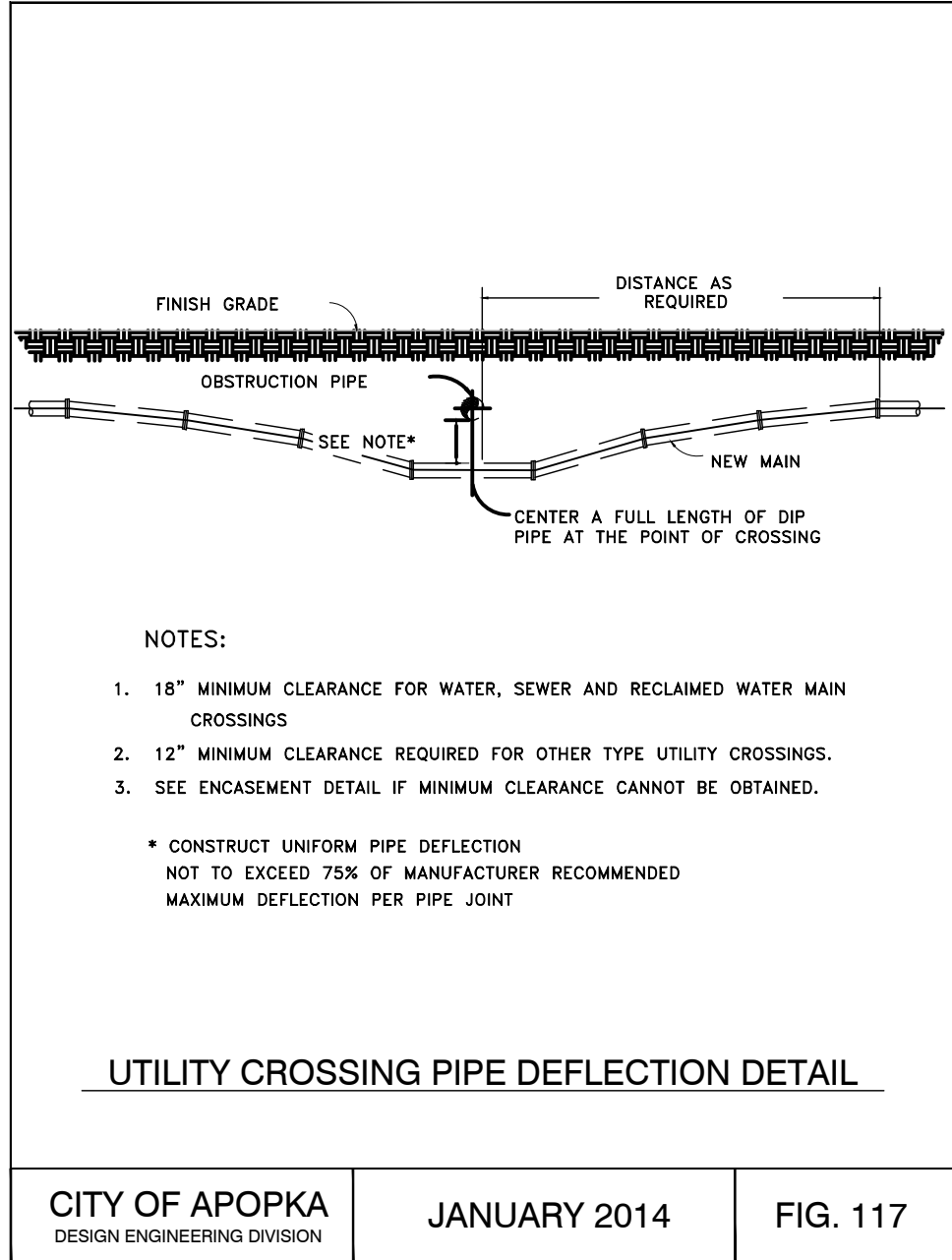
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Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325
www.feg-inc.us

SITE UTILITY PLAN			
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
SJS	JT	SJS	SJS

PROJECT NO. 20-077
SCALE 1"=40'
DATE DECEMBER 14, 2022
SHEET NO. C-7 OF 18
SHEET 9

FLORIDA ENGINEERING GROUP, INC.
CERTIFICATE No. EB 0006595
No. 2075
STATE OF FLORIDA
Professional Engineer
12/15/2023

THIS ITEM, INCLUDING ANY BOUND SHEETS, HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY SAM J. SEBASTIAN, P.E. ON DECEMBER 14, 2022 USING A DIGITAL SIGNATURE.
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03/13/2023	1 PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	2 PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	3 PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA

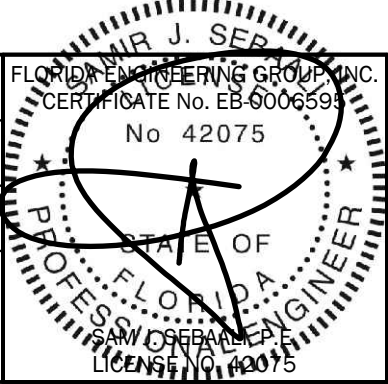


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CITY OF APOPKA WATER AND SEWER
DETAILS (2 OF 2)

DESIGNED BY SJS	DRAWN BY JT	CHECKED BY SJS	APPROVED BY SJS
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PROJECT NO. 20-077	SCALE NOTED
DATE DECEMBER 14, 2022	SHEET NO. C-9B
SHEET 12	OF 18



7/5/2023

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RILEY & COMPANY, INC.
SANFORD, FL 32773
(407)265-9963

The H-20 Load Rated Fiberglass Wetwell Must Be Manufactured By L.F. Manufacturing, Giddings, Texas, Which Includes a 20 Yr. Warranty. Certification of the wetwell H-20 load rating must be supplied with submittals. H-20 certification must be signed and sealed by an engineer registered in the State of Florida.

After the H-20 load rated wetwell has been installed, the ASTM Certification Number and Serial Tracking Number must be visible inside wetwell.

Submersible non-clog pumps shall be HOMA, Model GRP59/3/C. The pumps shall be installed in the H-20 GP FRP wetwell utilizing a slide rail system. The pumps shall be capable of pumping materials normally found in domestic and commercial sewage which will pass through the pump and the Sch. 80 PVC discharge piping.

A heat sensor thermostat shall be attached to the top end of the motor winding and shall be connected in series with the magnetic contactor coil in the control panel to stop motor if winding temperature exceeds 140 C., but shall automatically reset when the winding temperature returns to normal. Two heat sensor thermostats shall be used on three phase motors.

To insure complete unit and warranty responsibility the electrical control panel must be manufactured and built by the pump supplier. The pump supplier must be a TUV (UL508A CERTIFIED) manufacturing facility, with a minimum of 10 years history in the manufacturing of electrical control panels.

1- ea. Red Alarm Beacon (Light) 4" x 4" Minimum Diameter
1- ea. Alarm Horn (minimum 95 DCB)
1- ea. Generator Receptacle w/ weatherproof cover(SCM460 -UL 1686)
1- ea. Alarm Silence Pushbutton

- 2- ea. Motor Contactors
- 1- ea. Phase Monitor (3 Ph) w/2 N/O & 1 N/C Contacts
- 1- ea. Control Transformer (480 Volt Only) (Min. 500VA)
- 1- ea. Lightning Arrestor
- 1- ea. Silence Relay Module
- 1- ea. Duplex Alternator w/ Pump Selector Switch
- 1- ea. Model RCBB5AH Battery Back-Up w/ Smart Charger For The High Level Alarm System
- 20- ea. Terminals For Field Connections
- 6- ea. Terminals For Motor Connections (Single Phase Only)
- 7- ea. Grounding Lugs
- 1- ea. Seal Failure Relay

- 1- ea. Main Circuit Breaker
- 1- ea. Emergency Circuit Breaker
- 1- ea. Mechanical Interlock For Emergency And Main Breakers (UL Listed)
- 2- ea. Short Circuit Protectors w/ Auxiliary Contacts
- 1- ea. Control Circuit Breaker
- 2- ea. Seal Failure Indicator Lights
- 1- ea. Hand-Off-Auto Selector Switches
- 2- ea. Pump Run Pilot Lights
- 1- ea. Power On Pilot Light
- 2- ea. Elapse Time Meters (Non-Resetable)
- 1- ea. GFI Duplex Convenience Outlet

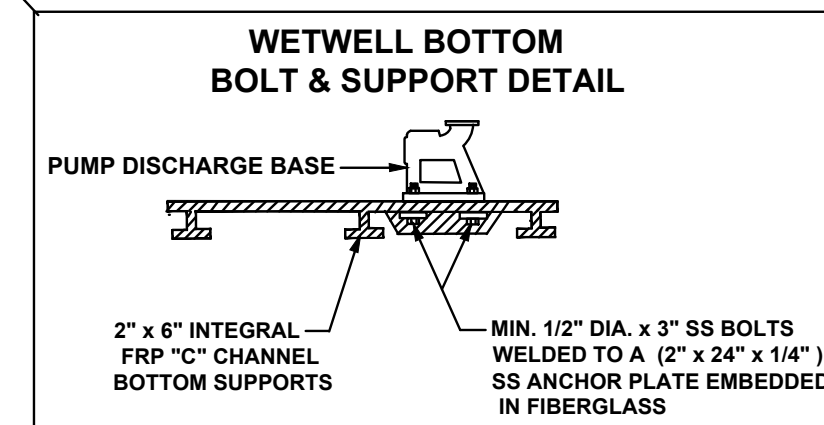
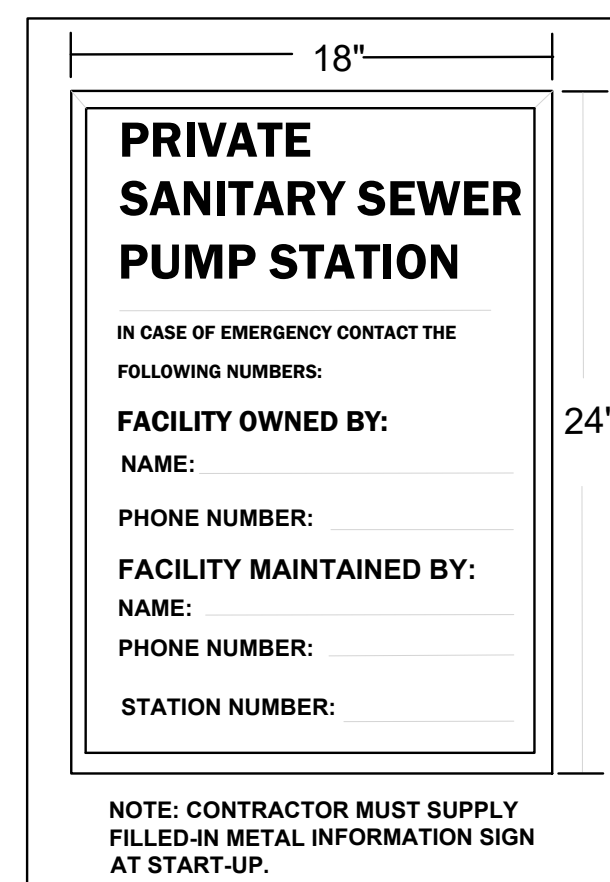
**w/ BATTERY BACK-UP FOR AUDIO AND VISUAL ALARMS ©
& RILEY & COMPANY GUARD PRO MONITORING SYSTEM**

Diagram illustrating the components of a pump-out station:

- ALUMINUM COVER w/ (LOCKABLE) ACCESS HATCH
- FIBERGLASS WETWELL H-20 LOAD RATED w/ 20 YR. WARRANTY
- FIBERGLASS VALVE BOX (LOCKABLE)
- EMERGENCY PUMP-OUT w/ BALL VALVE
- 2.5" SS (0-100 PSI) PRESSURE GAUGE w/ SHUT-OFF VALVE
- S.S. HINGES
- VENT
- "A"

NOTE: PUMP CONTROL PANEL SHALL BE LOCATED 3 FEET FROM WETWELL PERIMETER AT POINT "A"

PROVIDE SS SUPPORTS FOR PLUG AND CHECK VALVES AND PUMP OUT IN THE VALVE BOX



1. Water service with hose bibb and reduced pressure backflow preventer to be installed near lift station. (See Electrical Riser Illustration)
2. System shall be operated and maintained to provide uninterrupted service as required by DEP Chapter 62-604.500.
3. Approved Operation & Maintenance Manual(O&M) shall be kept available for operation and maintenance personnel
4. A weather resistant emergency contact sign shall be installed at the lift station and made visible to the public (Lettering shall be min. 2" in height.
5. **INSPECTION & TESTING:** A factory representative shall be provide for a one (1) time start-up and shall have complete knowledge of the proper operation and maintenance for the complete system.

TOP ELEVATION OF WET WELL SHALL BE AT LEAST 6" ABOVE THE SURROUNDING GRADE.

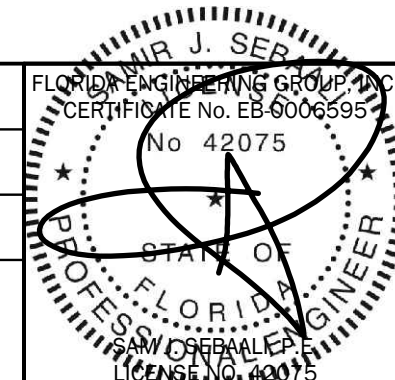
CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



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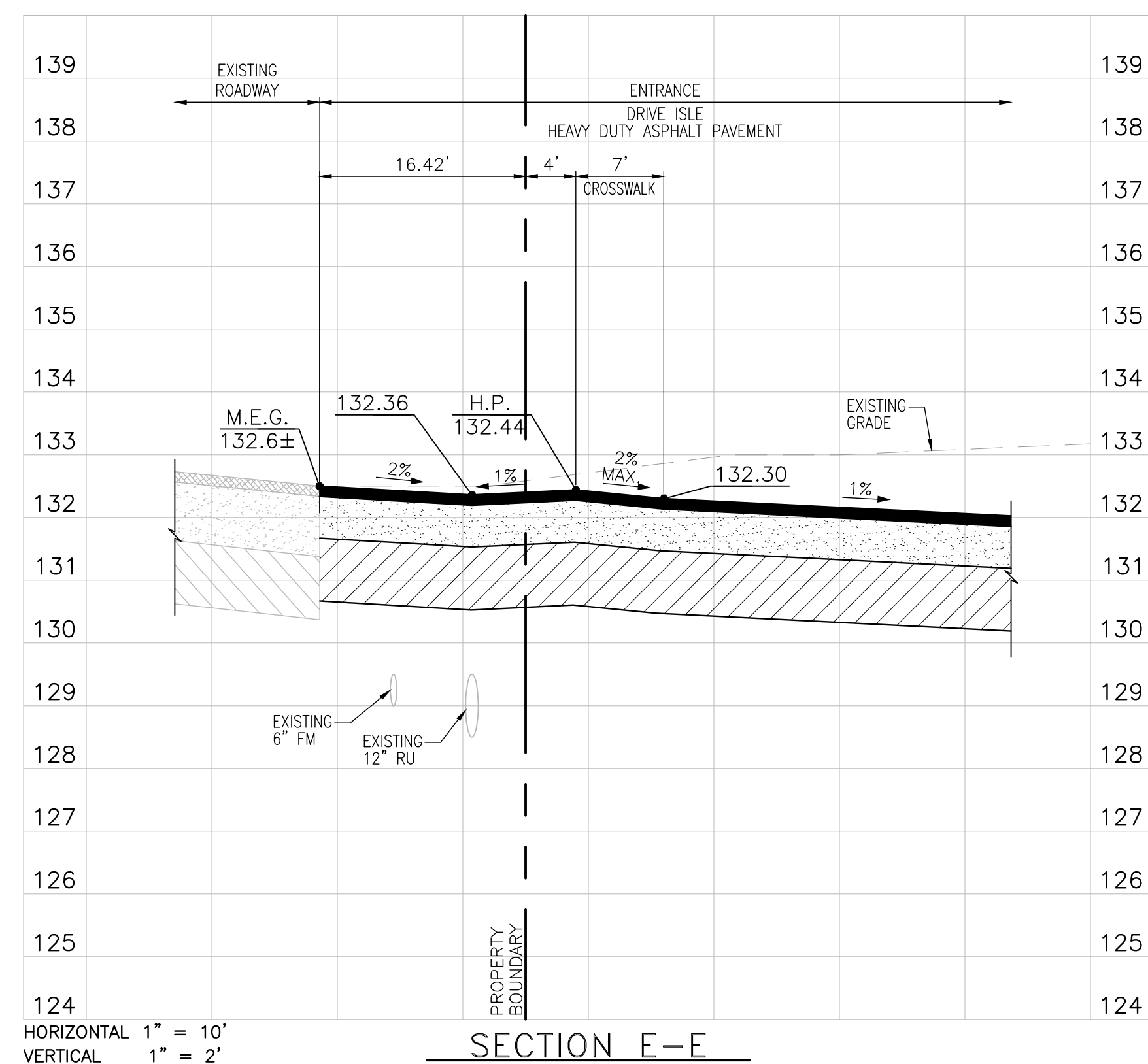
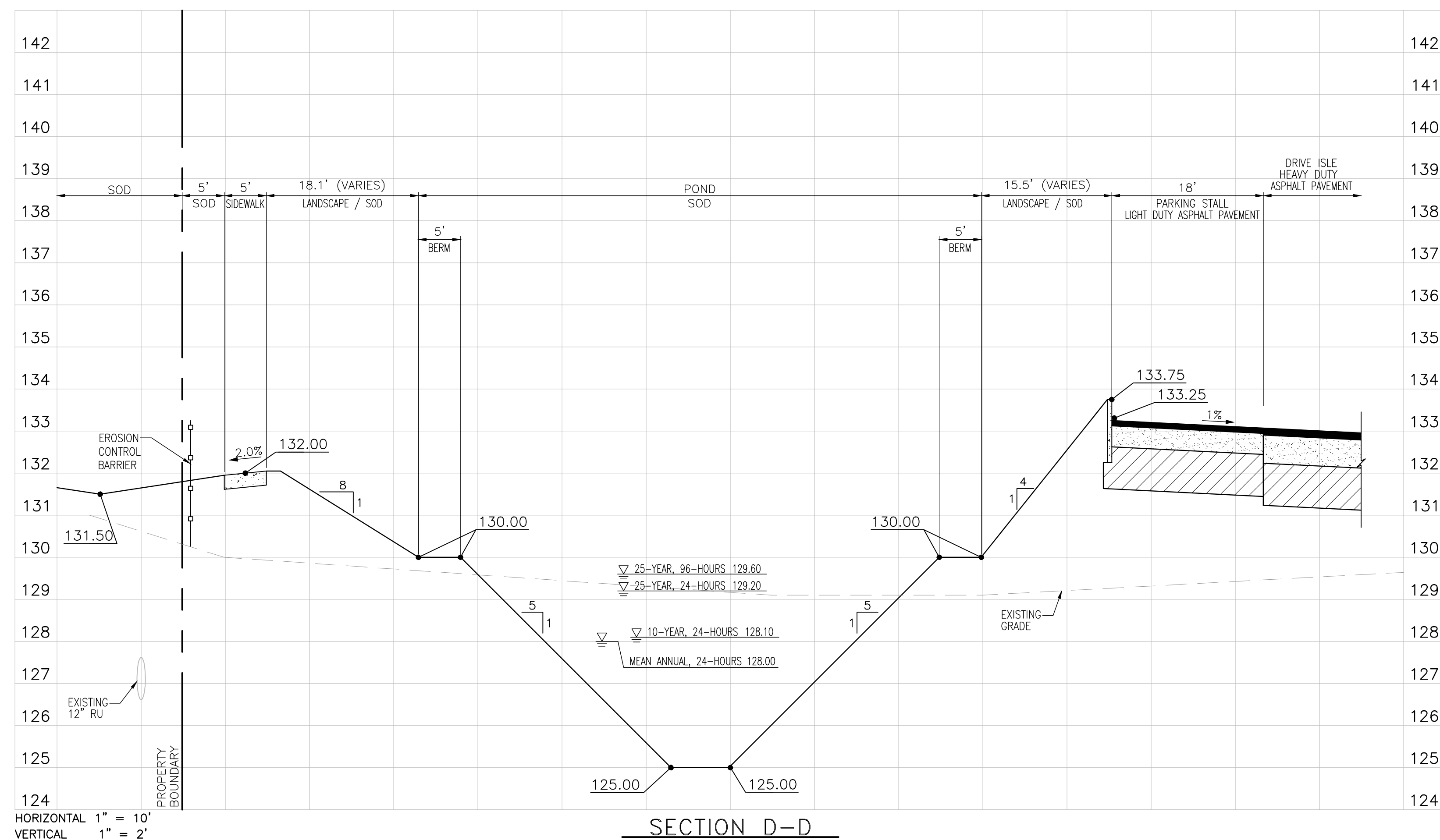
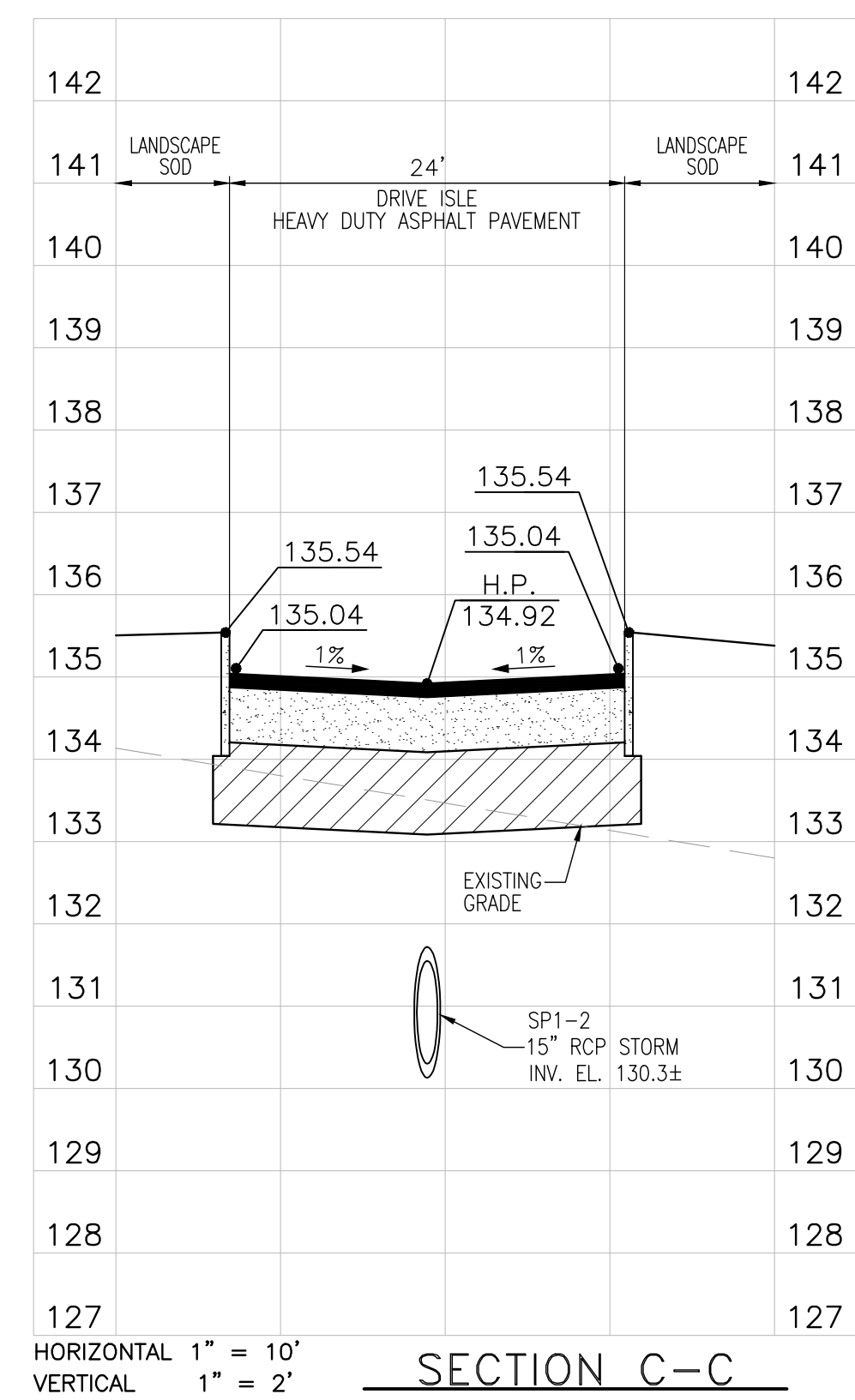
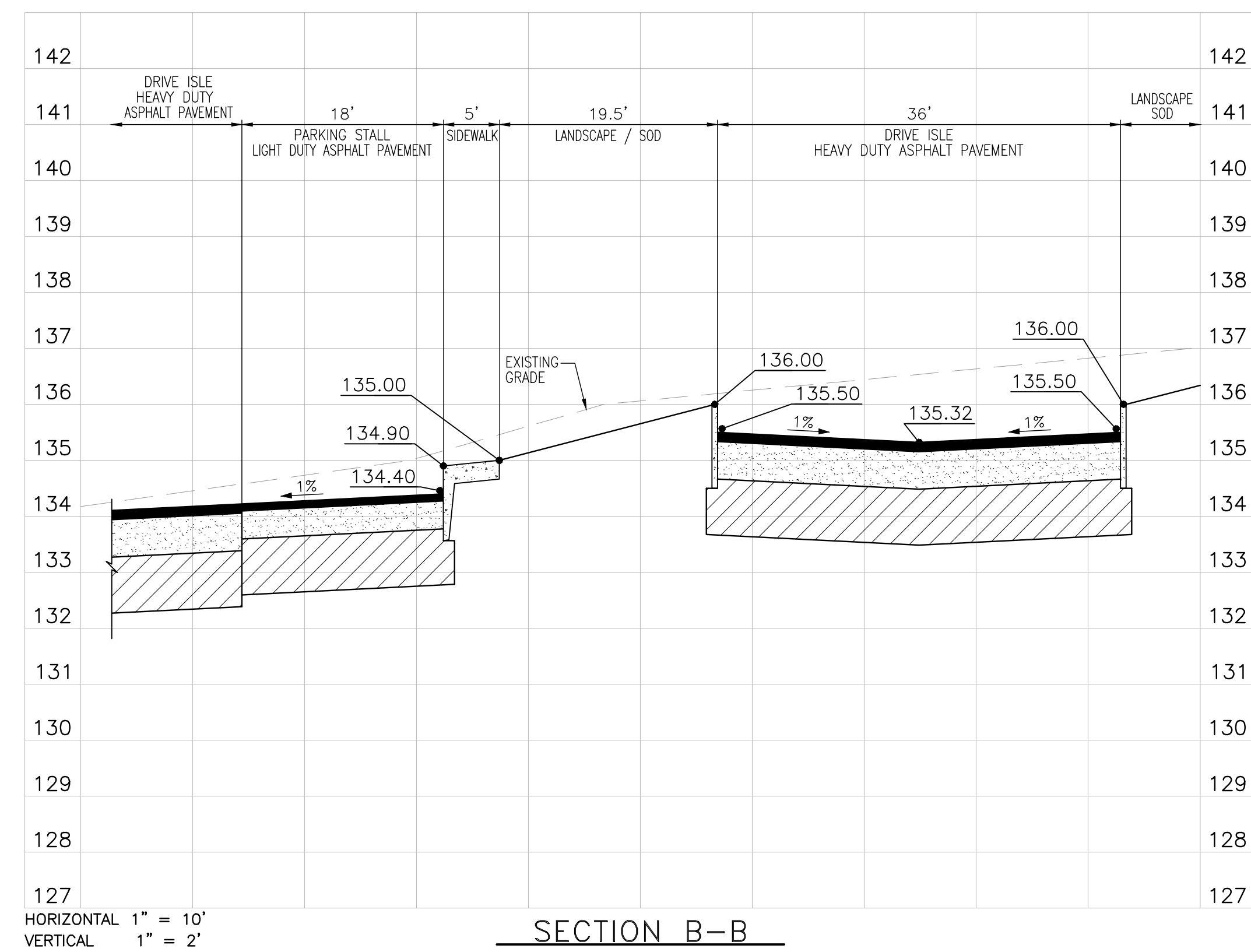
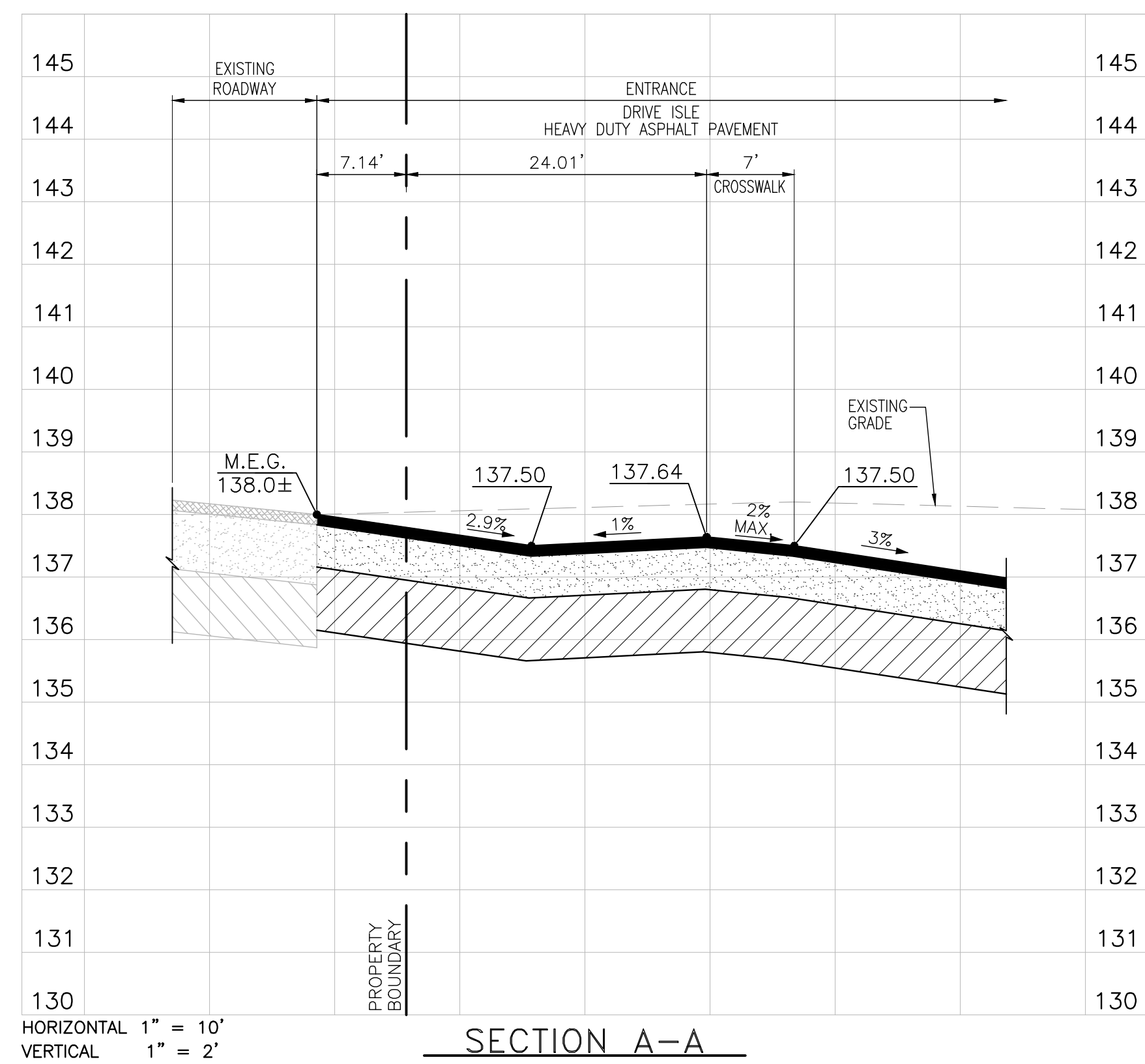
PROJECT NO.	20-077
SCALE	NOTED
DATE	DECEMBER 14, 2022
SHEET NO.	C-10
SHEET 13	OF 18



7/5/2023

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03/13/2023		PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023		PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023		PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE		REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA



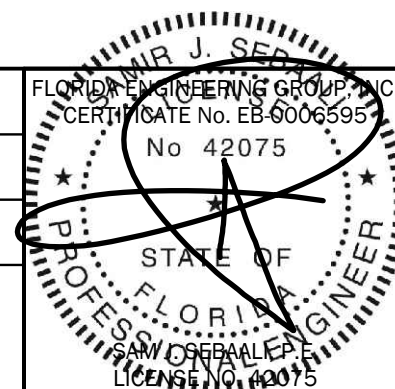
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Orlando, FL 32809
Phone: 407-895-0324
Fax: 407-895-0325

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SITE CROSS SECTIONS (1 OF 2)

DESIGNED BY SJS	DRAWN BY JT	CHECKED BY SJS	APPROVED BY SJS
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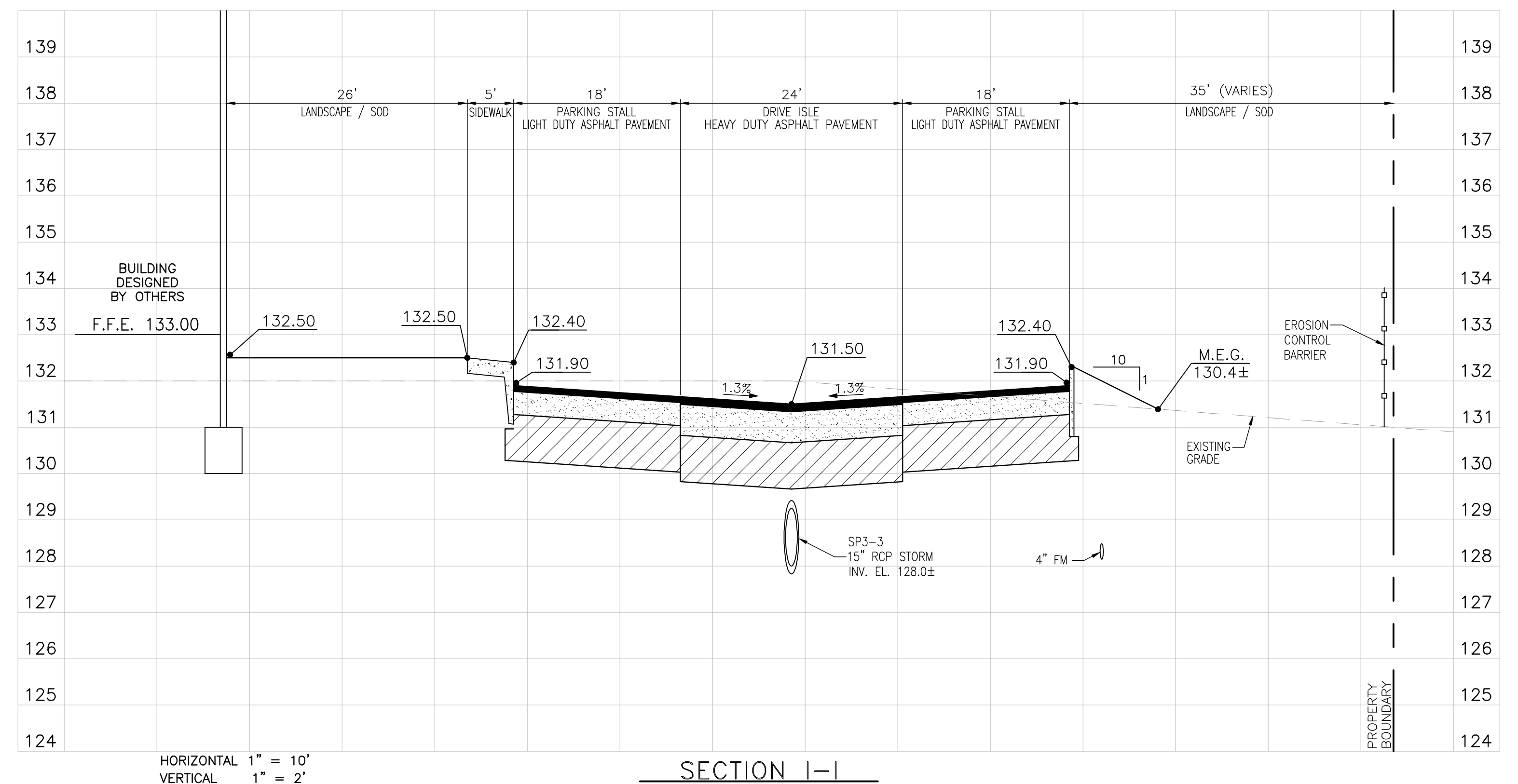
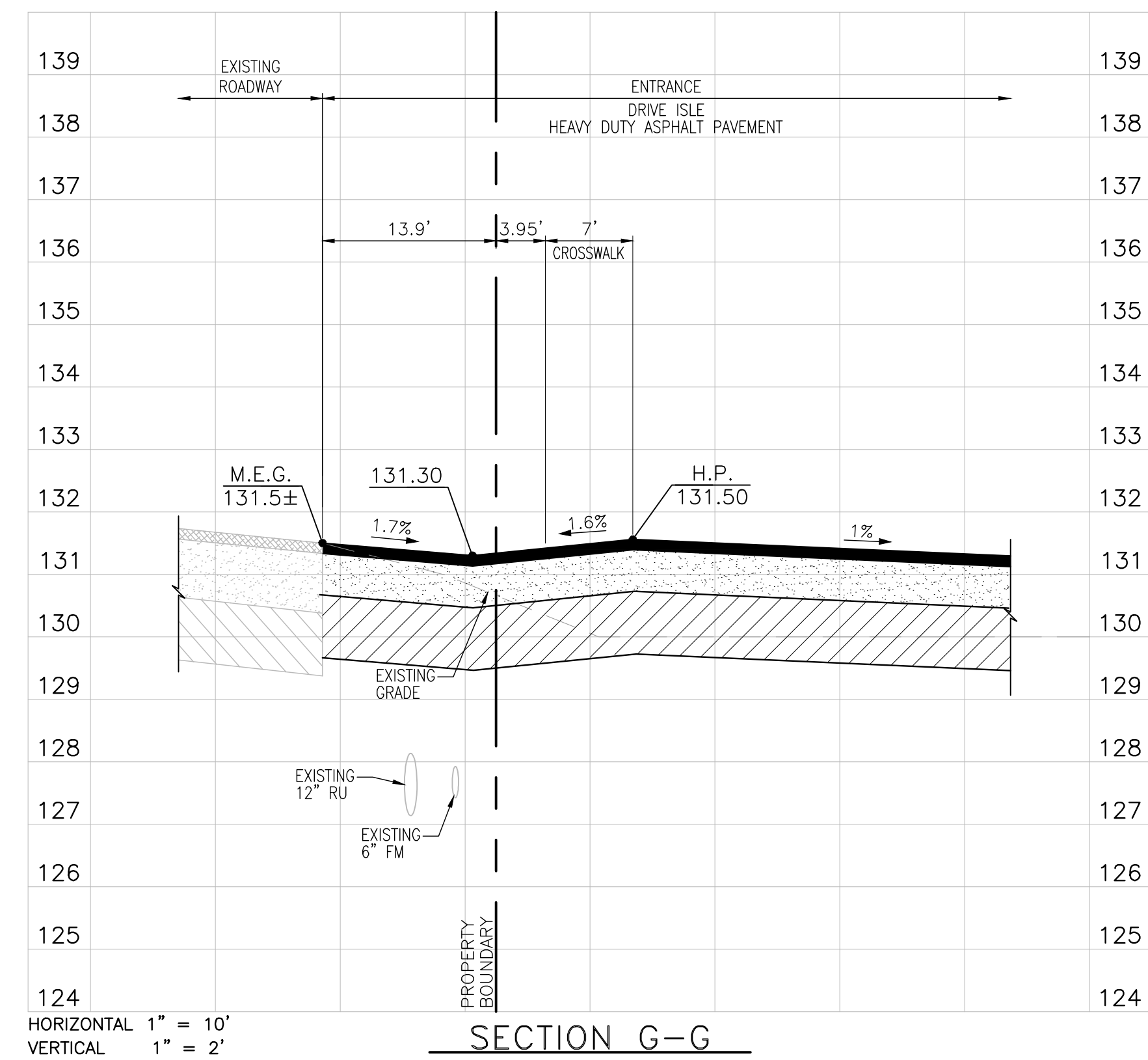
PROJECT NO.	20-077
SCALE	NOTED
DATE	DECEMBER 14, 2022
SHEET NO.	C-11A
SHEET 14	OF 18



7/5/2023

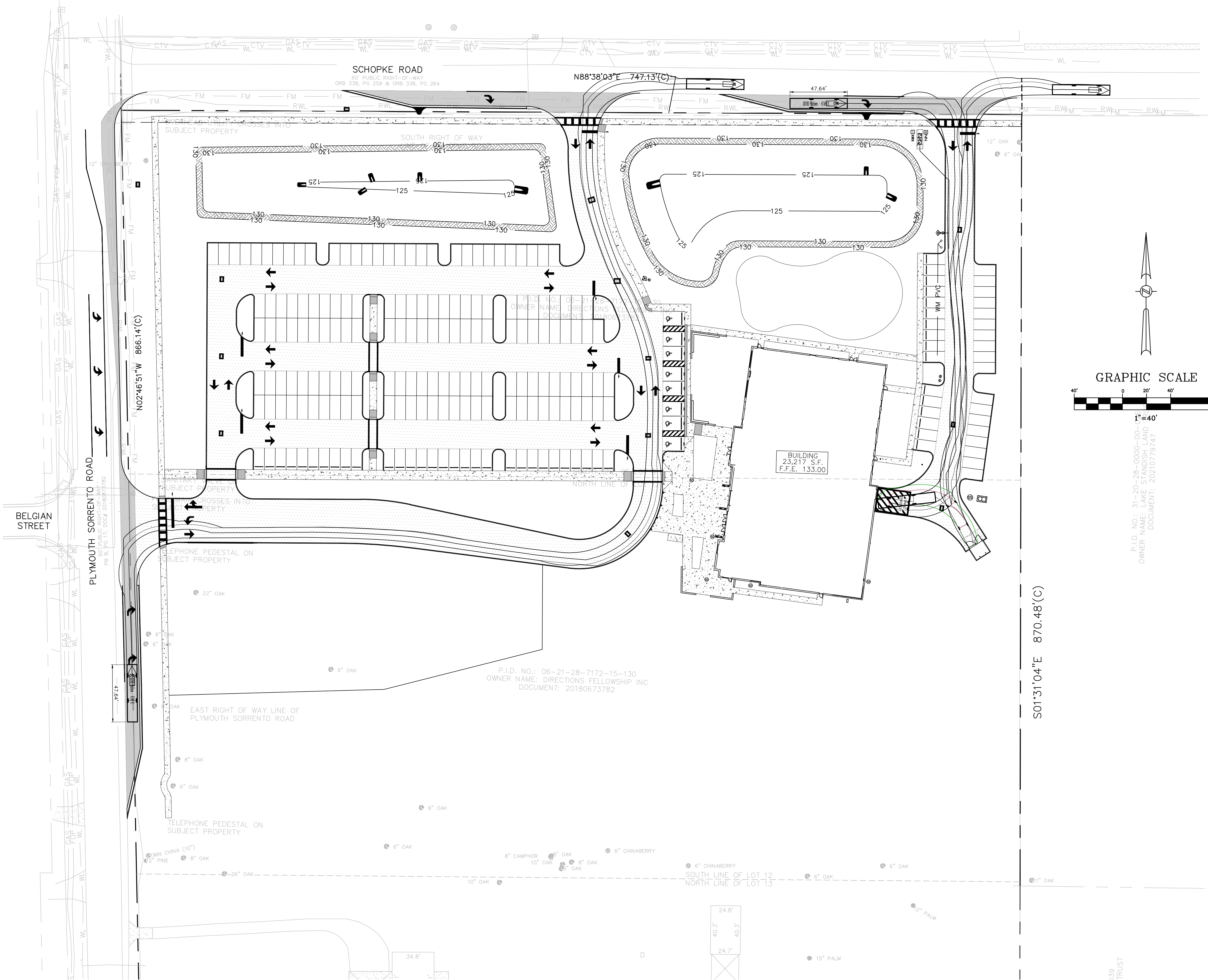
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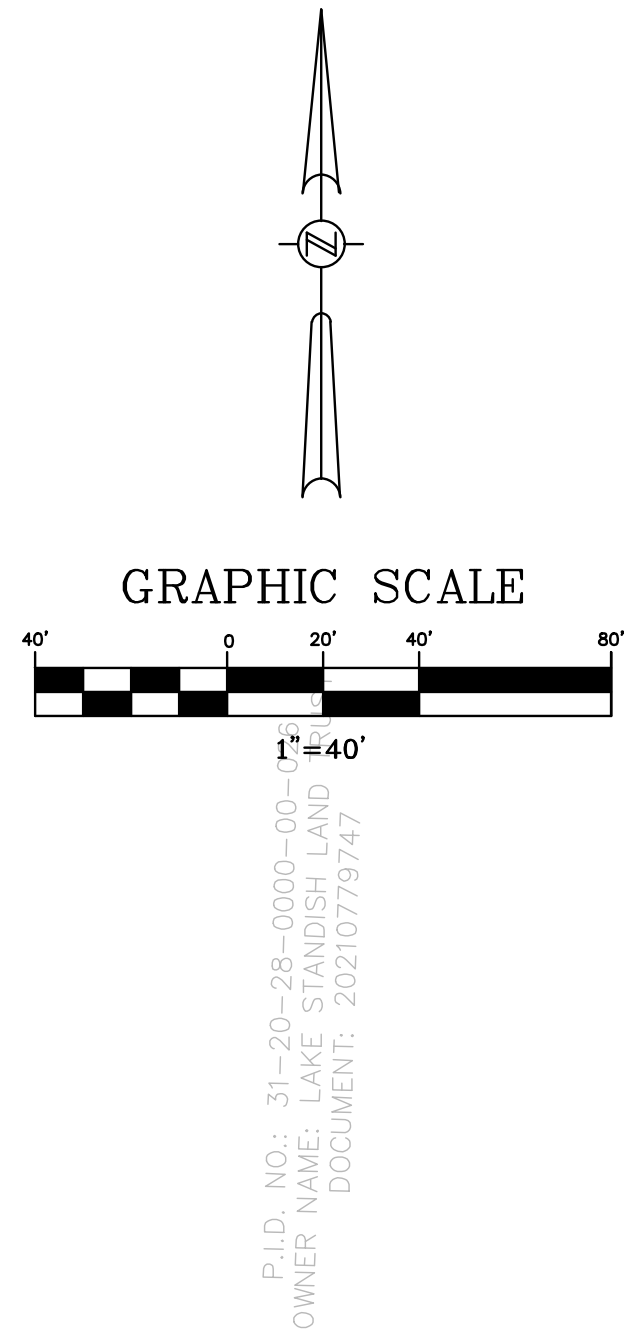


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OCFRD Platform — 47.64 ft.	
Overall Length	47.640ft
Overall Width	8.330ft
Overall Body Height	10.489ft
Min. Body Ground Clearance	0.920ft
Track Width	8.330ft
Lock-to-lock time	6.00s
Max Steering Angle (Virtual)	44.20°



03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA

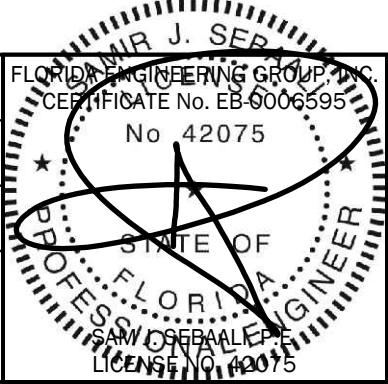


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Phone: 407-895-0324
Fax: 407-895-0325
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SITE FIRE TRUCK AUTO TURN PLAN

DESIGNED BY SJS	DRAWN BY JT	CHECKED BY SJS	APPROVED BY SJS
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PROJECT NO. 20-077
SCALE 1"=40'
DATE DECEMBER 14, 2022
SHEET NO. C-12
SHEET 16 OF 18



1/5/2023

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July 5, 2023

Jean Sanchez
Senior Project Coordinator/Planner
City of Apopka
Community Development Department
120 E. Main St.
Apopka, Florida 32703-5346

Subject: Response to Staff Review Comments of June 5, 2023
Northwest Church-Construction Site Plan, 3rd Submittal
FEG Project No. 20-077

Please find attached revised plans and other documents in response to staff review comments for the project dated June 5, 2023. The following is also an item-by-item response to each of the comments:

Planning & Zoning Division

1. The number of tree inches replaced (only understory and canopy trees, not ornamental, count towards replacement) on the Landscape Schedule, Proposed Tree Totals and Total Inches Replaced tabulations are not consistent. As a courtesy, Staff will accept caliper inches even though DBH is noted in the Code for replacement. Revise the replacement inches counts to be consistent on all tabulations on Sheet L1 so Staff may calculate the tree mitigation.

Response: The counts have been revised as coordinated with City staff.

Lighting

2. Provide a work order number for Duke Energy regarding street lighting along Plymouth Sorrento Road and Schopke Road.

Response: We have reached out to Duke Energy and requested a Work Order be assigned for this project. We will provide it as soon as they get back to us.

Building Division

3. The Building Department has no comments at this time.

Response: This comment is noted.

In addition to the above comments, we have revised the plans to show that the coffee shop is for use by Church Patrons not the public pursuant to our discussion at the meeting of June 28. Also, as clarified during the meeting by the church representative, the class use is intended to support the church (i.e., church group gatherings; dance and music rehearsals and lessons; mother's programs, and so forth). There will not be any day care nor formal classroom type use without additional permitting by the City.

I trust this letter and the attached documents adequately address the review comments and allow Construction Site Plan approval. Should you have any questions or concerns, please do not hesitate to contact me at 407-895-0324 or by email at SSebaali@feg-inc.us.

Sincerely,
Florida Engineering Group, Inc.

Sam L. Sebaali, P.E., LEED® AP
President

5127 S. Orange Avenue, Suite 200

Orlando, FL 32809

Phone: 407-895-0324 Fax: 407-895-0325

City of Apopka Community

To: Development Department

120 E. Main Street 2nd Floor

Apopka, Florida, 32703

407-703-1712

LETTER OF TRANSMITTAL

Date: July 5, 2023 Job No. 20-077

Attention: James K. Hitt, Comm. Dev. Director

Re: Northwest Church

Construction Site Plan

3rd Resubmittal.

WE ARE SENDING YOU

- ☒ Attached ☐ Under separate cover via _____ the following items:
- ☐ Shop Drawings ☐ Prints ☒ Plans ☐ Samples ☐ Specifications
- ☒ Copy of Letter ☐ Change Order ☒ Other

COPIES	DATE	DESCRIPTION
3	07/05/23	Response to staff comments dated June 5, 2023
3	07/05/23	Civil and Landscape Plans (2 copies-24" x 36", 1 copy-11" x 17")
1	07/05/23	CD – digital copy of all submittal documents noted on transmittal

THESE ARE TRANSMITTED as checked below:

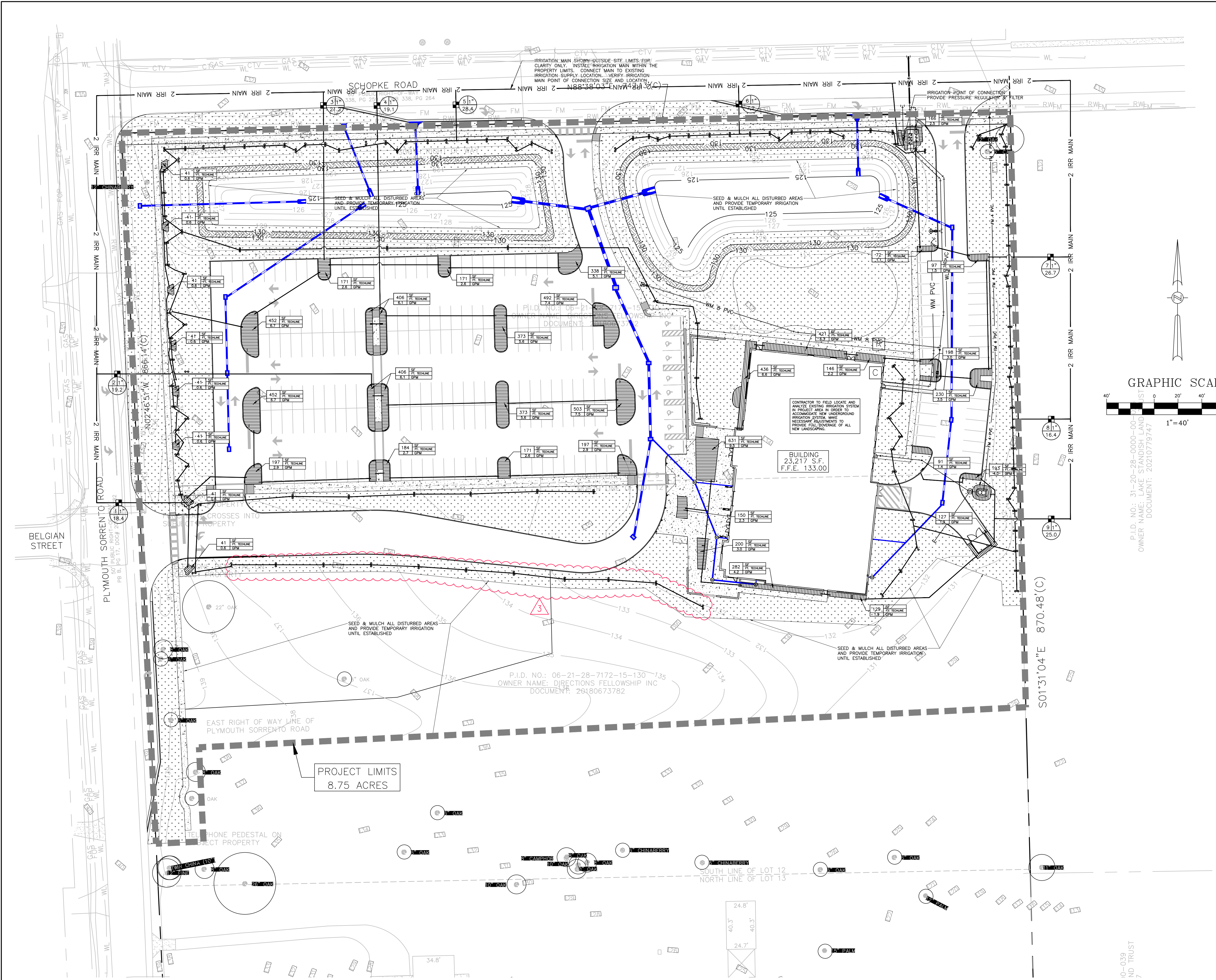
- ☒ For approval ☐ Approved as submitted ☐ Resubmit _____ Copies for approval
- ☐ For your use ☐ Approved as noted ☐ Submit _____ Copies for distribution
- ☐ As requested ☐ Returned for corrections ☐ Return _____ Corrected prints
- ☐ For review and comment ☐ FOR BIDS DUE _____ ☐ Prints Returned after Loan to us _____

REMARKS:

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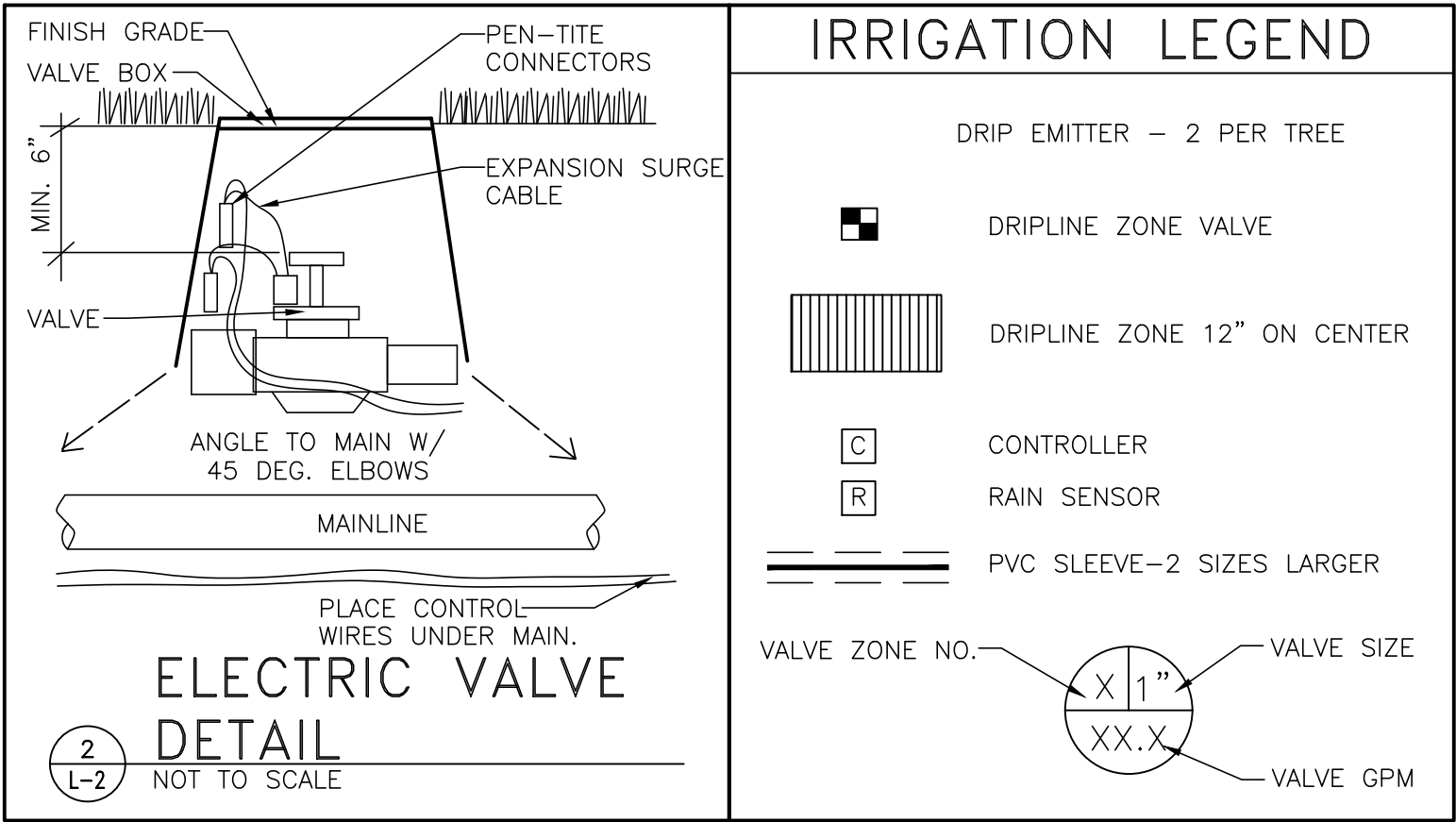
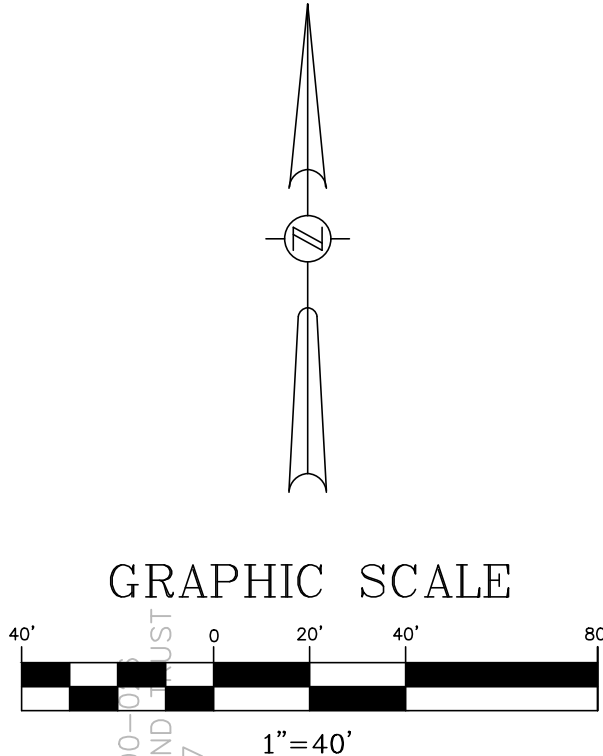
SIGNED: Sam J. Sebaali, P.E., President

IF ENCLOSED ARE NOT AS NOTED, KINDLY NOTIFY US AT ONCE



IRRIGATION NOTES:

- CONTRACTOR SHALL INSTALL A COMPLETE IRRIGATION SYSTEM WHICH PROVIDES 100% COVERAGE OF ALL PLANTED AREAS. PROVIDE ALL PIPING, VALVES, VALVE BOXES, & WIRING AS REQUIRED FOR A COMPLETE & OPERATIONAL IRRIGATION SYSTEM.
- ALL IRRIGATION PIPING WHICH IS LOCATED UNDER PAVEMENT SHALL BE ENCASED IN A SLEEVE TWO SIZES LARGER THAN THE IRRIGATION LINE.
- CONTRACTOR TO PROVIDE A DOUBLE DETECTOR CHECK VALVE AT THE POINT OF WATER SERVICE IN ADDITION TO AN IRRIGATION METER. COORDINATE LOCATION WITH OTHER UTILITIES & GENERAL CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ANY & ALL PERMITS REQUIRED FOR THE INSTALLATION OR CONSTRUCTION OF THE WORK INCLUDED IN THIS CONTRACT.
- COORDINATE LOCATION OF IRRIGATION CONTROLLER WITH OWNER & GENERAL CONTRACTOR.
- PROVIDE A RAIN SWITCH EQUIVALENT TO TORO RAIN SWITCH #850-74. MOUNT ON BUILDING IN AN INCONSPICUOUS LOCATION EXPOSED TO NORMAL RAINFALL & PER MFRS. SUGGESTIONS.
- OBTAIN INSPECTION & APPROVAL OF ALL BURIED PIPING PRIOR TO BACKFILLING.
- ADJUST DESIGN OF SYSTEM WHERE NECESSARY TO AVOID CONFLICTS IN THE FIELD WITH LANDSCAPING OR UTILITY LINES.
- IRRIGATION CONTROLLER IS HUNTER IRRIGATION CONTROLLER SIZED APPROPRIATELY TO SUPPORT THE SYSTEM DESIGN. GET APPROVAL FROM OWNER PRIOR TO IMNNSTALLATION. COORDINATE WITH CONTRACTOR FOR POWER REQUIREMENTS AND CONFIRM LOCATION WITH OWNER.
- PROGRAM IRRIGATION CONTROLLER TO PROVIDE 0.5 INCH OF WATER PER WEEK. SCHEDULE HEADS TO OPERATE DURING MORNING HOURS.
- ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OF COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OF COVER.
- THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING.
- ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING SNAP-TITE CONNECTORS & SEALANT.
- THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATIONS. THE DRAWING SHALL LOCATE ALL VALVES & MAINLINES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES OR STRUCTURES.
- ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A IRRIGATION AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY & INSIDE THE IRRIGATIOND AREAS.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT & WORKMANSHIP.
- ELECTRICAL SERVICE TO ALL EQUIPMENT SHALL BE PROVIDED TO A JUNCTION BOX AT THE EQUIPMENT LOCATION BY OTHERS.
- ALL IRRIGATION SLEEVES ARE TO HAVE BEEN INSTALLED BY GENERAL CONTRACTOR AT TIME OF UTILITY CONSTRUCTION.



TOTAL IRRIGATED AREA = 9,428 SF
REQUIRED IRRIGATION = 0.5"/WEEK
TOTAL IRRIGATION DEMAND = 2,938 GAL/WEEK = 420 GPD
IRRIGATION TO BE PROVIDED THRU 1" IRRIGATION METER

03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
05/08/2023	PER CITY COMMENTS DATED 04/11/2023	JT	SJS
07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA

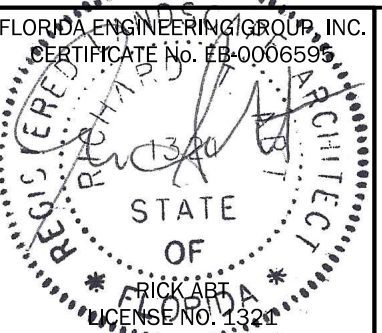


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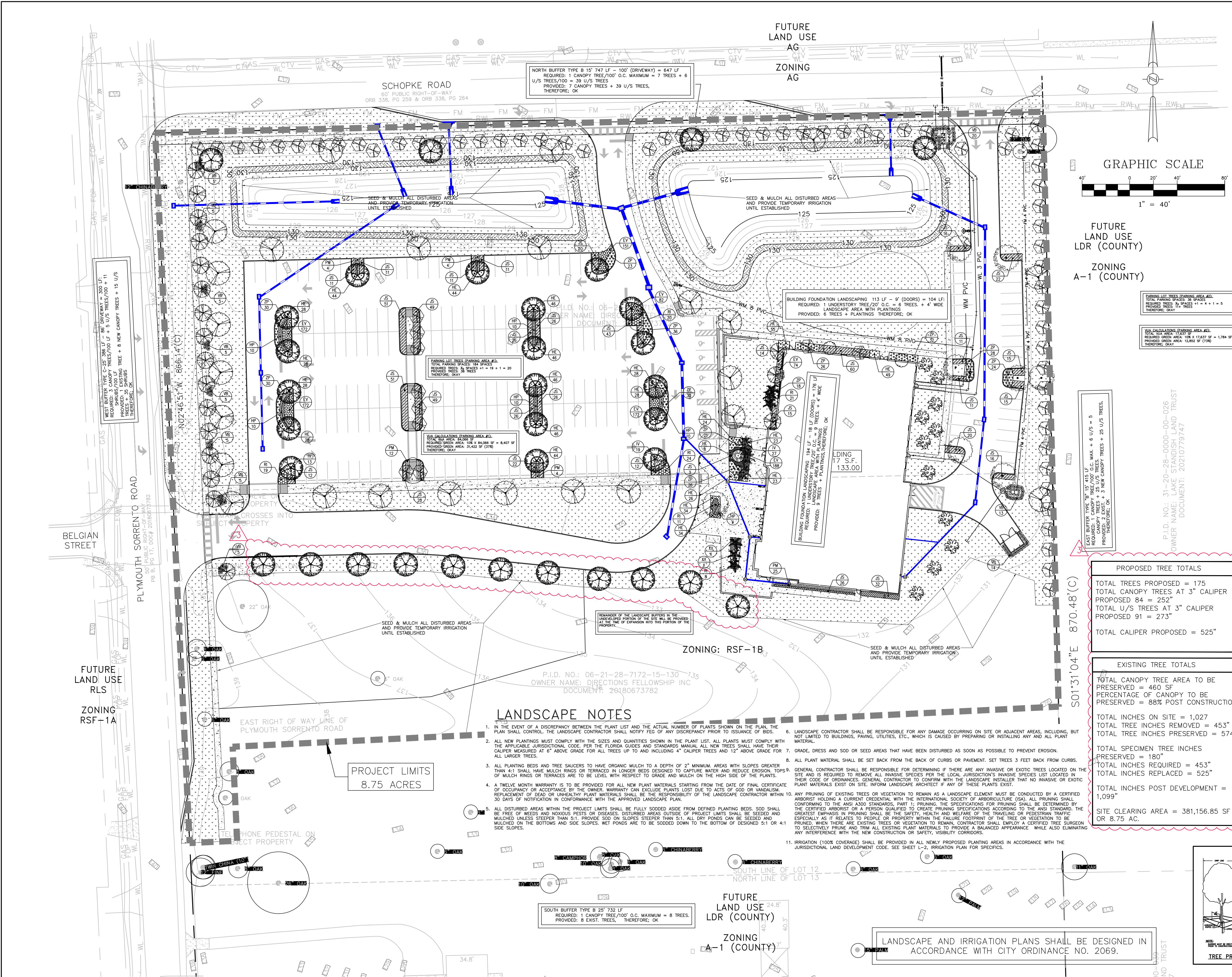
SITE IRRIGATION PLAN

DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
RTA	RTA	RTA	SJS

PROJECT NO.	20-077
SCALE	1"=40'
DATE	DECEMBER 14, 2022
SHEET NO.	L-2
SHEET 18	OF 18



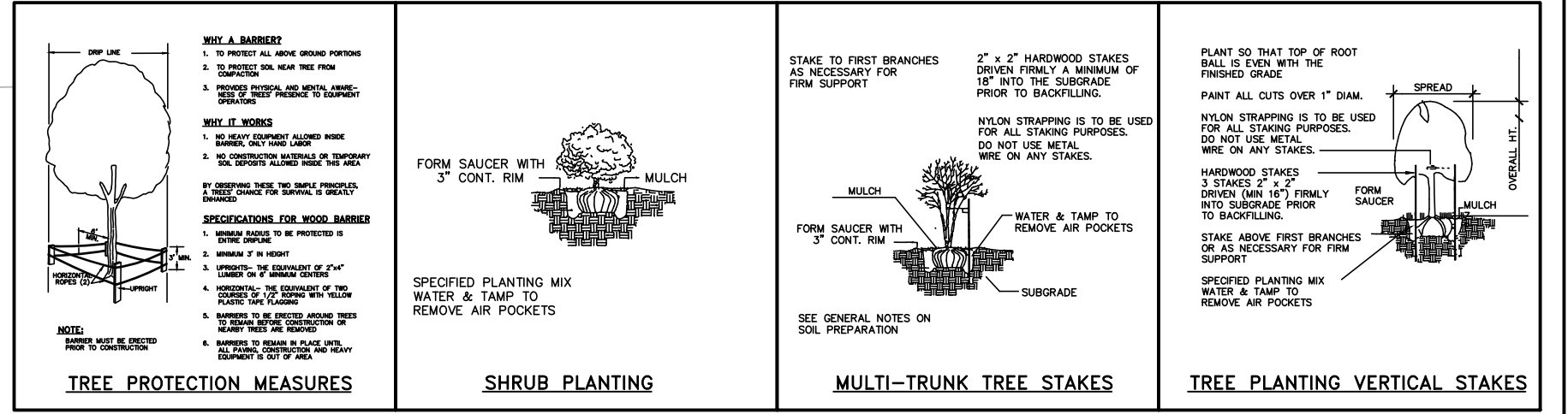
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FLORIDA FRIENDLY
LANDSCAPE SCHEDULE

TREES					
SYMBOL	ABR.	BOTANICAL NAME	COMMON NAME	MINIMUM SIZE	QUANTITY
	QV	QUERCUS VIRGINIANA	HIGH RISE LIVE OAK	10' HT. 3" CAL.	9
	QL	QUERCUS SHUMARDII	SHUMARD OAK	10' HT. 3" CAL.	25
	UA	ULMUS ALATA	WINGED ELM	10' HT. 3" CAL.	34
	MG	MAGNOLIA GRANDIFLORA	SOUTHERN MAGNOLIA	8'-10' HT. 3" CAL.	5
	MV	MAGNOLIA VIRGINIANA	BAY MAGNOLIA	8'-10' HT. 3" CAL.	11
UNDERSTORY TREES					
	LL	LIGUSTRUM LUCIDUM	TREE LIGUSTRUM	7' HT. 3" CAL.	72
	IA	ILEX ATENUATA	EAGLESTON HOLLY	6'-8' HT. 3" CAL.	19
PALM TREES					
	WR	WASHINGTONIA ROBUSTA	WASHINGTONIAN PALM	15'-20' CT	3
	SP	SABAL PALMETTO	CABBAGE PALM	15'-18' HT. C.T.	6
SHRUBS					
	VS	VIBURNUM SUSPENSUM	SANDANKWA VIBURNUM	36" HT. 42" O.C.	87
	HP	FIREBUSH	HAMELIA PATENS	3 GAL. 24" 30" O.C.	57
	PM	YEW PODOCARPOS	PODOCARPOS MACROPHYLLA	3 GAL. 24" 30" O.C.	49
GROUND COVER/SMALL SHRUB					
	EV	BLUE DAZE	EVOLVULUS GLOMERATUS	1 GAL. 12" O.C.	989
	HE	DAYLILY	HEMEROCALLIS SPP.	1 GAL. 12" O.C.	815
	IV	SHELLINGS DWARF	ILEX VOMITORIA	3 GAL. 12"x15" 24" O.C.	59
	RI	INDIAN HAWTHORN	RAPHIOLEPIS INDICA	3 GAL. 12"x15" 24" O.C.	121
	JS	PARSONS JUNIPER	JUNIPERUS CHINENSIS	3 GAL. 24" O.C.	715
	ZP	COONTIE	ZAMIA PUMILA	3 GAL. 24" O.C.	324
	SOD	BAHIA HYBRID			QTY. BY CONTRACTOR

FLORIDA NATIVE PLANTS
PLANT LIST EXCEEDS 80% NATIVE PLANT MATERIALS IN QUANTITIES AND COVERAGE.



03/13/2023	PER CITY COMMENTS DATED 01/09/2023	JT	SJS
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07/03/2023	PER CITY COMMENTS DATED 06/05/2023	JT	SJS
DATE	REVISIONS	BY	CHECKED

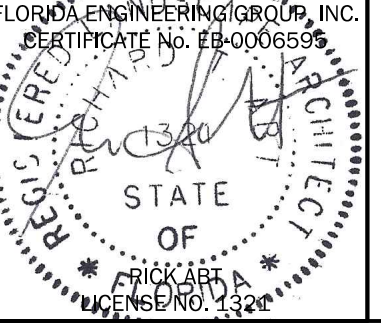
CONSTRUCTION PLANS
NORTHWEST CHURCH
APOPKA, FLORIDA

FEG FLORIDA ENGINEERING GROUP
Engineering the Future

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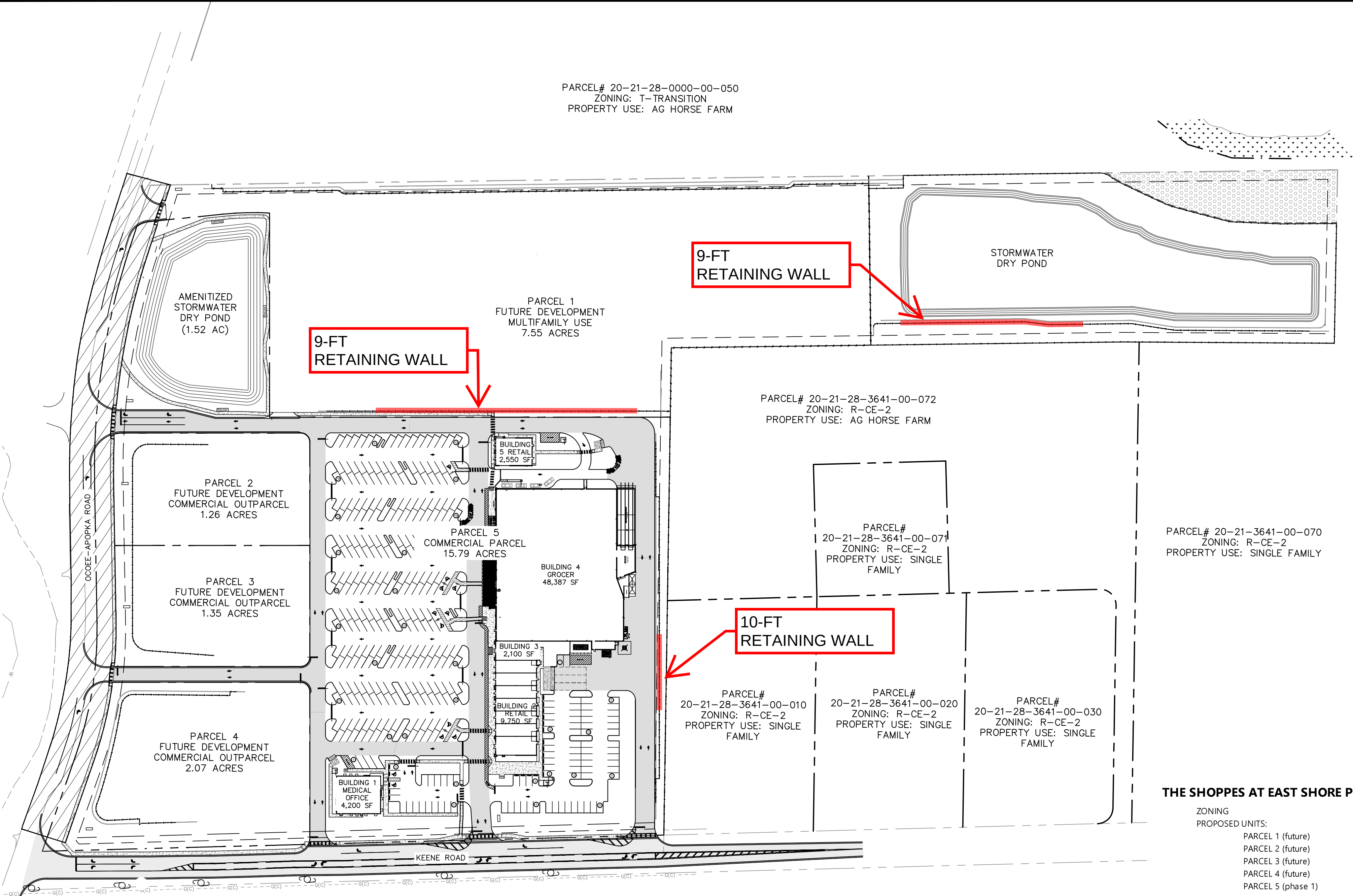
SITE LANDSCAPE PLAN			
DESIGNED BY	DRAWN BY	CHECKED BY	APPROVED BY
RTA	RTA	RTA	SJS

PROJECT NO.	20-077
SCALE	1"=40'
DATE	DECEMBER 14, 2022
SHEET NO.	L-1
SHEET 17	OF 18



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PARCEL 5: SITE DATA:

PARCEL ACREAGE:	15.79 ACRES
PERVIOUS AREA:	1.91 ACRES
IMPERVIOUS AREA:	10.04 ACRES
POND AREA:	3.92 ACRES
FAR:	0.10
MAX. BUILDING HEIGHT:	45 FT
PROPOSED BUILDING HEIGHT:	35 FT
PARKING REQUIRED:	
MEDICAL -1 SPACE/300 SF	26 SPACES
+1SPACE/EMPLOYEE:	58 SPACES
RETAIL -1 SPACE/250 SF:	170 SPACES
GROCERY-3.5 SPACE/1000 SF:	254 SPACES
PROVIDED:	
MEDICAL:	26 SPACES
RETAIL:	58 SPACES
GROCERY:	269 SPACES
PARKING PROVIDED:	
STANDARD PARKING (10'x18'):	89 SPACES
60 DEGREE SPACES (10'x18'):	249 SPACES
ADA PARKING (12'x18'):	15 SPACES
TOTAL PARKING PROVIDED:	353 SPACES
BIKE PARKING:	
PROVIDED:	24 SPACES
FAR	
MAXIMUM:	1.0
PROVIDED:	0.1
FENCES AND WALLS:	
SHALL BE IN ACCORDANCE WITH THE CITY OF APOPKA LDC SECTION 5.5.	
EXTERIOR LIGHTING:	
SHALL BE IN ACCORDANCE WITH THE CITY OF APOPKA LDC SECTION 5.6.	
SIGNS:	
SHALL BE IN ACCORDANCE WITH MASTER SIGN PLAN AND/OR THE CITY OF APOPKA LDC SECTION 5.10.	
GENERATOR SITING:	
PROPOSED LOCATION OF STORAGE TANK(S) AT THE SUBJECT SITE IS NOT WITHIN 500 FEET OF ANY EXISTING COMMUNITY WATER SUPPLY WELL, NOT WITHIN 500 FEET OF ANY NON-TRANSIENT, NON-COMMUNITY WATER SUPPLY WELL, AND NOT WITHIN 100 FEET OF ANY OTHER POTABLE WATER SUPPLY WELL.	
NOTES:	
1. ALL CURB DIMENSIONS ARE TO THE FACE OF CURB UNLESS OTHERWISE NOTED.	
2. ALL PROPOSED ON-SITE STRIPING SHALL BE PAINTED UNLESS OTHERWISE NOTED.	
3. ALL RETAINING WALLS SHALL BE PRIVATELY OWNED AND MAINTAINED.	

LEGEND

	PROPERTY LINE
	CONCRETE SIDEWALK (SEE DETAIL, SHEET C9.0)
	PROPOSED CONCRETE PAVEMENT (SEE DETAIL, SHEET C9.0)
	PROPOSED HEAVY DUTY ASPHALT PAVEMENT (SEE DETAIL, SHEET C9.0)
	PROPOSED LIGHT DUTY ASPHALT PAVEMENT (SEE DETAIL, SHEET C9.0)
	PROPOSED ASPHALT PAVEMENT KEENE RD. (MATCH EXISTING SECTION)
	OFF-SITE IMPROVEMENTS (BY OTHERS)
	TREE PRESERVATION AREA
	WETLANDS
	PROPOSED ALUMINUM FENCE
	PROPOSED CHAIN LINK FENCE
	PROPOSED GUARD RAIL
	EXISTING WETLAND BOUNDARY
	EXISTING FEMA FLOOD PLAIN

GRAPHIC SCALE IN FEET

0 50 100 200

NORTH

THE SHOPPES AT EAST SHORE PD DATA:

ZONING	PD
PROPOSED UNITS:	
PARCEL 1 (future)	RESIDENTIAL 224 DU
PARCEL 2 (future)	COMMERCIAL 3,000 SF
PARCEL 3 (future)	COMMERCIAL 3,000 SF
PARCEL 4 (future)	COMMERCIAL 5,000 SF
PARCEL 5 (phase 1)	COMMERCIAL 63,000 SF
	MEDICAL OFFICE 4,200 SF
TOTAL	78,200 224 DU
TOTAL MDP GROSS ACRES	28.02 Ac.
TOTAL MDP WETLAND ACRES	0.00 Ac.
TOTAL MDP FLOODPLAIN/TREE PRESERVATION	0.54 Ac.
TOTAL MDP DEVELOPABLE ACRES	27.48 Ac.

PUBLIC OPEN SPACE CALCULATIONS (OVERALL PD):

PARCEL	LAND USE	GROSS AREA (AC)	WETLAND/ WATER (AC)	DEVELOPABLE AREA (AC)	OPEN SPACE REQ'D %	AC	PARK/REC/ OPEN/LA	OPEN SPACE PROVIDED AMENITIZED STORM	TOTAL
1	RESIDENTIAL	7.55	0.00	7.55	30%	2.27	TBD	0.00	
2	COMMERCIAL	1.26	0.00	1.26	20%	0.25	TBD	0.00	
3	COMMERCIAL	1.35	0.00	1.35	20%	0.27	TBD	0.00	
4	COMMERCIAL	2.07	0.00	2.07	20%	0.41	TBD	0.00	
5	COMMERCIAL	15.79	0.00	15.79	20%	3.16	0.00	0.00	0.00
TOTAL		28.02	0.00	28.02		6.36	0.00	0.00	0.00

NOTES:

(1) TBD - TO BE DETERMINED WITH FUTURE MDP'S

(3) OPEN SPACE REQUIRED IS CALCULATED PARCEL BY PARCEL AND OPEN SPACE PROVIDED IS APPLIED OVER THE OVERALL PD.

Green Building Standards		
Minimum Points Required	4	4.0 points required for Non-Residential Developments more than 25,000.
Item	Points	Notes
Development in the MU-ES: Mixed Use East Shore District	1	
Elevate new and/or existing structures more than 3 feet above base flood elevation (BFE)	3	0.50 per foot above BFE 36.9 FEET ABOVE BFE
Total Recommended Potential Points	4	

NOTES:

(1) MINIMUM OF 15 FT BETWEEN STRUCTURES. ONLY APPLIES TO EXTERIOR UNITS.

PHASING:

THIS PROJECT WILL BE DEVELOPED IN PHASES. FOLLOWING CONSTRUCTION OF PHASE 1, EACH PHASE WILL HAVE SUFFICIENT INFRASTRUCTURE TO STAND ALONE.

DEVELOPMENT PLAN CHART		
PARCEL ID NUMBERS	20-21-28-0000-00-021, 20-21-28-0000-00-024, 20-21-28-0000-00-025, 20-21-28-0000-00-028,	
FUTURE LAND USE	MIXED USE	
ZONING	PD	
ADJACENT FUTURE LAND USE	NORTH (CITY): MIXED USE EAST (COUNTY): RURAL SOUTH (CITY & COUNTY): OFFICE/INSTITUTIONAL WEST (CITY): MIXED USE	
ADJACENT ZONING	NORTH (CITY): MU-ES-GT (MIXED USE EAST SHORE GATEWAY) EAST (COUNTY): R-CE-2 (RURAL RESIDENTIAL) SOUTH (CITY & COUNTY): O (OFFICE) AND A-1 (AGRICULTURAL) WEST (CITY): T (TRANSITION)	
ACREAGE/SQUARE FOOTAGE	28.02	
BUILDING HEIGHT (commercial)	PROPOSED: 35 FEET	MAX: 45'
BUILDING HEIGHT (multi-family)	PROPOSED: 55 FEET	MAX: 4 STORIES/55'
BUILDING SETBACKS (commercial)	PROPOSED: FRONT: 20' SIDE: 15' REAR: 10'	
	REQUIRED: FRONT: 15' SIDE: 10'(1) REAR: 10'	
BUILDING SETBACKS (multi-family)	PROPOSED: FRONT: 15' SIDE: 10' REAR: 25'	
	REQUIRED: FRONT: 15' SIDE: 10' REAR: 25'	
PARKING SPACES (parcel 5)	PROVIDED: 353	
	REQUIRED: 333	
NUMBER OF EMPLOYEES	N/A	
WAIVER REQUEST	YES:	NO: X
VARIANCE REQUEST	YES:	NO: X
MIN. LOT WIDTH (commercial)	75'	
MIN. LOT WIDTH (multi-family)	100'	

Always call 811 two full business days before you dig to have underground utilities located and marked.



KHA PROJECT 049.335015		DATE 05/26/2023	SCALE AS SHOWN	DESIGNED BY MMW	CHECKED BY LJD	DATE 05/26/2023
JORDAN CHARPENTIER PROFESSIONAL ENGINEER		STATE OF FLORIDA LICENSE NO. 12866		CITY OF APOPKA COMMENTS 05/25/23 JAC		
KIMLEY-HORN AND ASSOCIATES, INC.		189 S. ORANGE AVENUE, SUITE 1000, ORLANDO, FL 32801		PHONE: 407-898-1511		
WWW.KIMLEY-HORN.COM		REGISTRY NO. 35106		REVISIONS		
CITY OF APOPKA		FLORIDA		BY		
SHEET NUMBER C4.0		OVERALL SITE PLAN		THE SHOPPES AT EAST SHORE-PHASE 1		

Vicinity

