

THE RIDGE CONSTRUCTION PLANS PROJECT # 127-019

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LOCATION MAP



S BINION ROAD
APOPKA, FL 32703

PREPARED FOR:
WILLIAM EDWARD CONSTRUCTION
9304 MORTON JONES ROAD
GOTHA, FL 34734

PREPARED BY:



CIVILCORP ENGINEERING, INC.
CERTIFICATE OF AUTHORIZATION #29390
630 N. WYMORE RD. STE 310
MAITLAND, FL 32751
PHONE: (407) 516-0437

SITE DATA TABLE

PROPERTY OWNER: JPP VENTURES LLC 1455 SELBYDON WAY WINTER GARDEN, FL 34787		
PARCEL ID: 18-21-28-0000-00-073		
SETBACK & BUFFER REQUIREMENTS		
	BUILDING	
FRONT (SOUTH)	25'	
SIDE (EAST)	10'	
SIDE (WEST)	10'	
REAR (NORTH)	25'	
EXISTING PROPERTY USE: COMM VACANT LAND		
LOT COVERAGE CALCULATIONS (EXISTING)		
IMPERVIOUS	0 SF	0.0%
PERVIOUS	151,332 SF	100.0%
TOTAL SITE AREA	151,332 SF	100.0%
LOT COVERAGE CALCULATIONS (PROPOSED)		
IMPERVIOUS	97,903 SF	64.90%
PERVIOUS	53,120 SF	35.10%
TOTAL SITE AREA	151,332 SF	100.0%
PHASING THE SITE INFRASTRUCTURE WILL BE DEVELOPED IN ONE PHASE		
SOLID WASTE SERVICE PICK UP SERVICE THROUGH WASTE MANAGEMENT SYSTEM OF APOPKA, FL		
FLOOD ZONE IN ZONES "X" (AREA OF MINIMAL FLOODING) AND "X" PER FLOOD INSURANCE RATE MAP PANEL NUMBER 12095C0120H FOR ORANGE COUNTY, FL AND INCORPORATED AREAS, DATED SEPTEMBER 24, 2021.		

SITE DATA TABLE

PARCEL ID NUMBER	18-21-28-0000-00-073
FUTURE LAND USE	COMMERCIAL OFFICE
ZONING	PD
ADJACENT LAND USE	MIXED USE EAST, PD
ADJACENT ZONING	N:MU-ES S:PD E:MU-ES W:MU-ES
ACREAGE/SQ. FT.	3.474 AC / 151,332 SF
BUILDING HEIGHT	PROPOSED: ?' MAX: 35'
FLOOR AREA RATIO	PROPOSED: ? MAX: .30
PARKING SPACES	PROVIDED: 110 REQUIRED: 51
WAIVER REQUEST	NO
VARIANCE REQUEST	NO

RECORD DRAWING

RECORD DRAWINGS CONTAIN INFORMATION FURNISHED BY OTHERS. THE INFORMATION PROVIDED HAS BEEN REVIEWED BY ME OR BY INDIVIDUALS UNDER MY DIRECT SUPERVISION AND FOUND TO BE CORRECT AND ACCURATE, CONSISTENT WITH THE PERMIT AND THE APPROVED DRAWINGS AND SPECIFICATIONS. ANY ADJUSTMENTS AND MINOR DEVIATIONS, WHICH ARE DEPICTED, WERE MADE WITH PRIOR APPROVALS AND IN MY JUDGEMENT DO NOT ALTER THE MAIN INTENT OF THE DESIGN, THE SAFETY OR THE STRUCTURAL INTEGRITY OF THE CONSTRUCTED WORK AND WILL NOT PREVENT THE PROJECT FROM FUNCTIONING IN ACCORDANCE WITH THE RULE REQUIREMENTS.

X
STEPHEN ALLEN, PE #59994

DATE

WILLIAM EDWARD CONSTRUCTION

CivilCorp Engineering, Inc.
630 N. Wymore Rd Ste 310
Maitland, FL 32751
Phone 407-516-0437
Certificate of Authorization No. 29390



Stephen Allen, PE # 59994
Engineer
FL Reg No

THE RIDGE
S BINION RD, APOPKA, FL

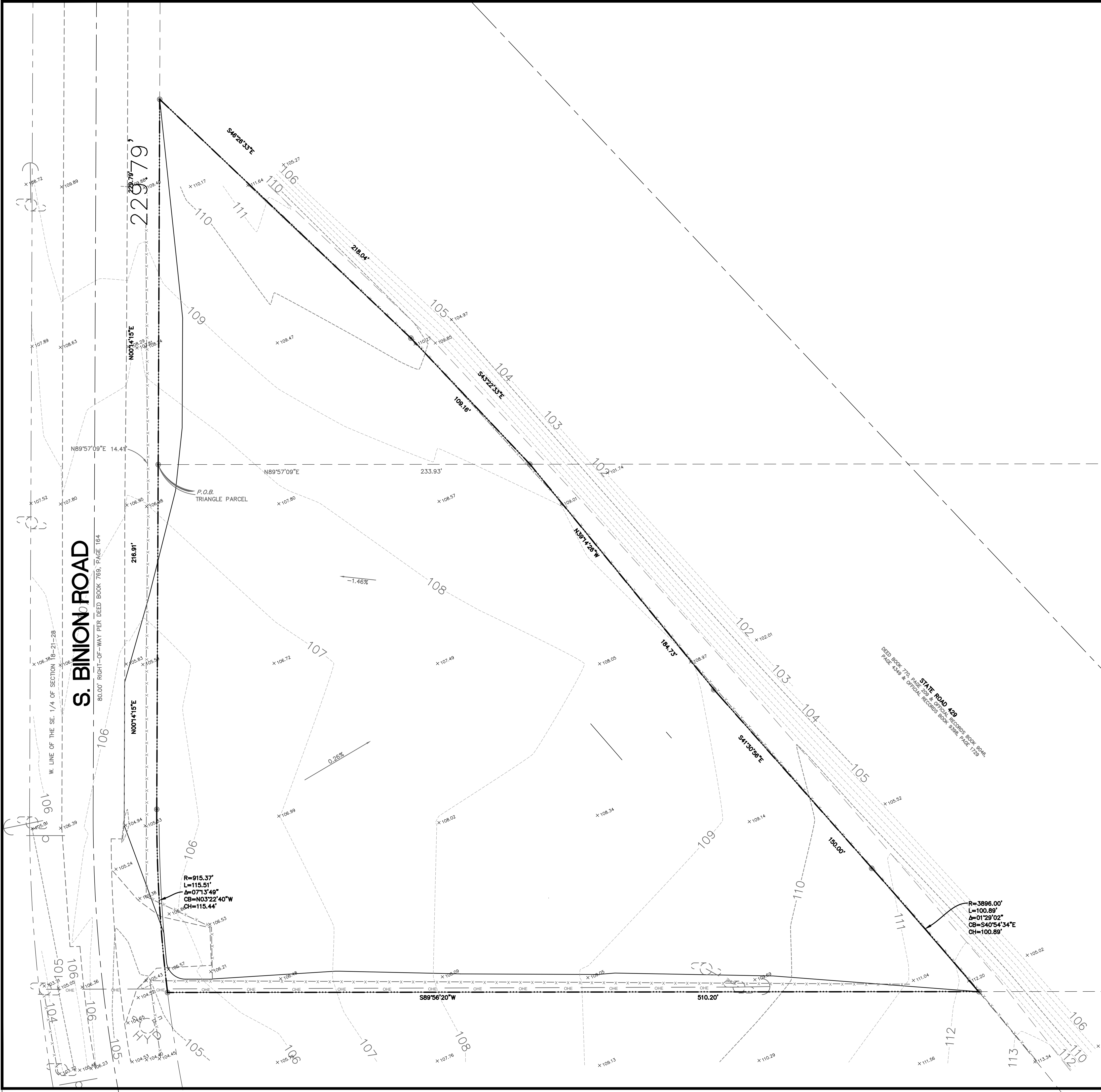
COVER SHEET

PROJECT
NAME

SHEET
NAME

SHEET NO.
C-1

Revisions	Project No.	Drawn By	STA
4	127-019		
3			
2			
1			
0			
By			
Date			
Scale	NTS	Date	09/29/23



SITE LEGEND

SITE BOUNDARY LINE	----
CENTER LINE OF ROAD	----
EASEMENT LINE	----
EXISTING EDGE OF PAVEMENT	----
PROPOSED 4" CONCRETE	
PROPOSED 6" REINFORCED CONCRETE	
PROPOSED ASPHALT	
SIDEWALK	S/W
LINEAR FEET	LF
SQUARE FEET	SF
HANDICAP PARKING	
HANDICAP	HC
TYPICAL	TYP
5' RADIUS	R5'
# PARKING SPACES	

GENERAL NOTES

1. ALL CURB RADII TO BE 3' UNLESS OTHERWISE NOTED.
2. ALL CURB TO BE 6" VERTICAL CURBING.
3. ALL DIMENSIONS ARE MEASURED FROM FACE OF CURB.

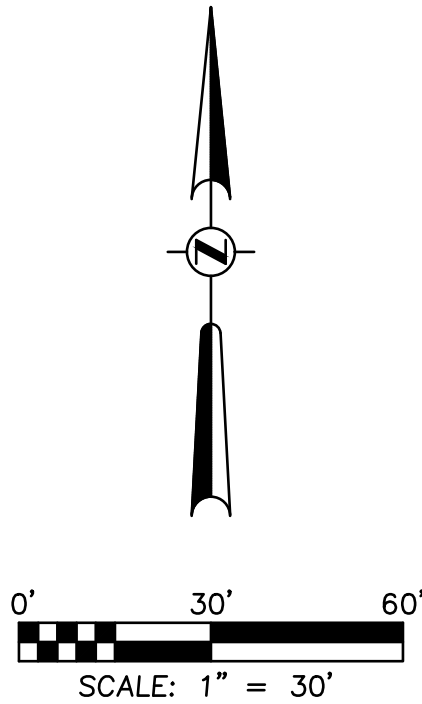
STRIPING NOTES

1. TYPICAL PARKING SPACE SHALL BE STRIPED WITH A 6" WHITE STRIPE.
2. SEE DETAILS FOR HANDICAP PARKING.
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4. ALL PAVEMENTS MARKINGS WILL BE THERMOPLASTIC.

SIGN LEGEND

NO	DESCRIPTION	SIZE	QUANTITY
R1-1	STOP	30"x30"	8
R3-1	NO RIGHT TURN	24"x24"	0
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R6-1	ONE WAY	36"x12"	0
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W11-2	YIELD TO PEDESTRIANS	30"x30"	0

ALL SIGNS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.



WILLIAM EDWARD CONSTRUCTION

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CivilCorp
Engineering, Inc.



Stephen Allen, PE # 99994
Engineer

THE RIDGE
S BINION RD, APOKA, FL

DEMO AND EROSION CONTROL PLAN

PROJECT
NAME

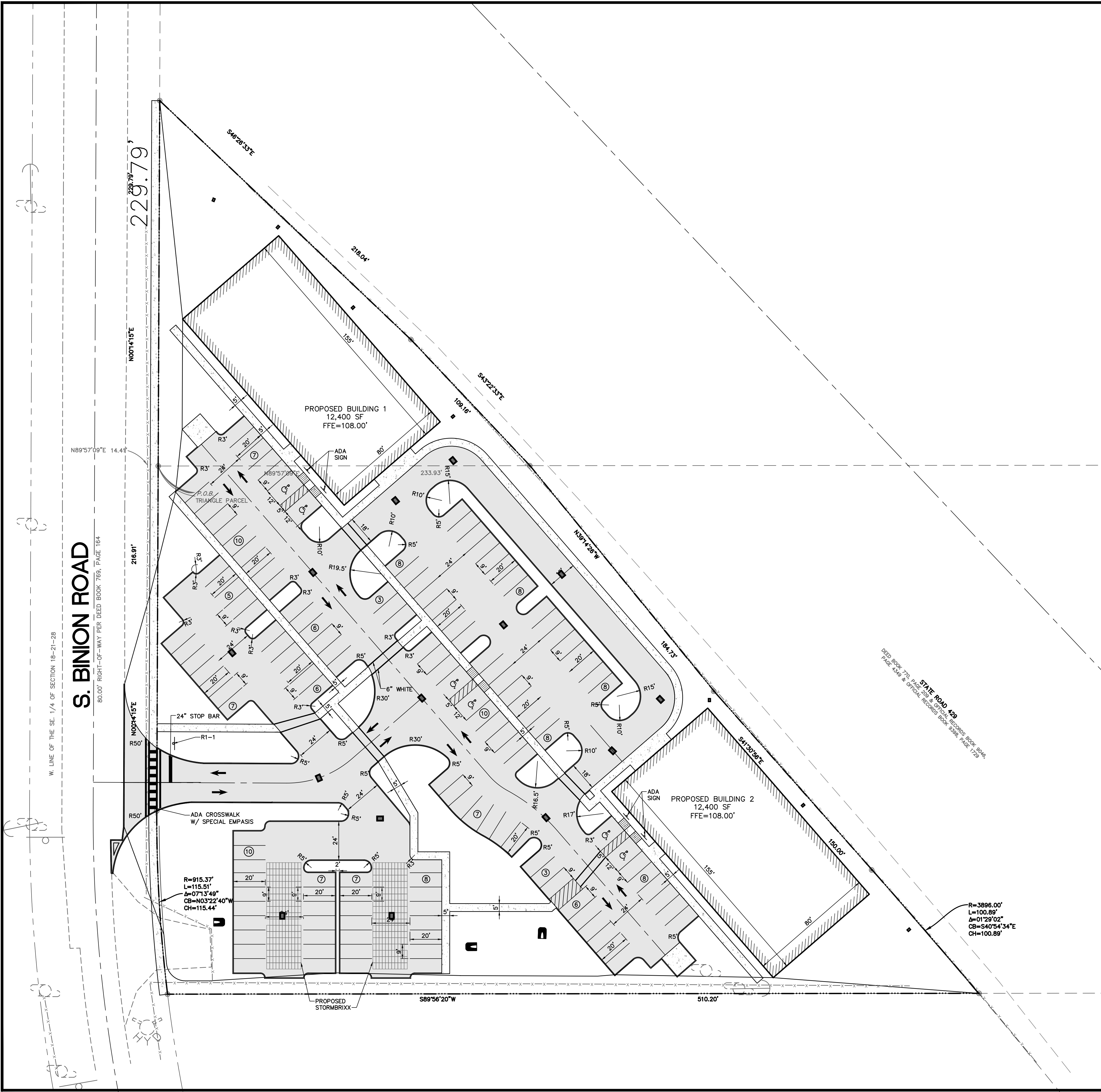
SHEET
NAME

SHEET NO.
C-3

Project No. 127-019
Scale 1"=30'
Date 09/29/23

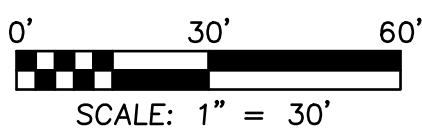
Drawn By STA

Date 09/29/23



SITE LEGEND

SITE BOUNDARY LINE	----
CENTER LINE OF ROAD	----
EASEMENT LINE	----
EXISTING EDGE OF PAVEMENT	----
PROPOSED 4" CONCRETE	
PROPOSED 6" REINFORCED CONCRETE	
PROPOSED ASPHALT	
SIDEWALK	S/W
LINEAR FEET	LF
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JPP VENTURES LLC
1455 SELBYDON WAY
WINTER GARDEN, FL 34787

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18-21-28-0000-00-073

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PARKING PROPOSED
(136) 90° REGULAR SPACES + (6) 90° ADA SPACES
TOTAL = 142 PARKING SPACES PROVIDED

THE RIDGE
S BINION RD, APOPKA, FL

CONCEPTUAL SITE PLAN

PROJECT
NAME

SHEET
NAME

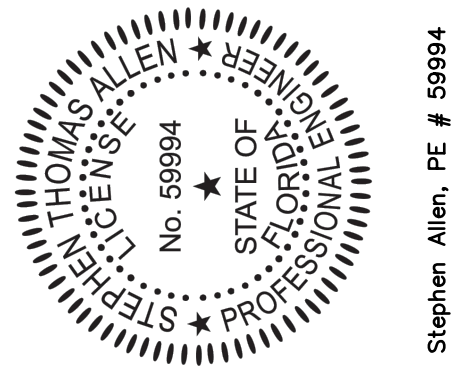
SHEET NO.
C-4

WILLIAM EDWARD CONSTRUCTION

CivilCorp Engineering, Inc.

630 N Wynore Rd, Ste 310
Maitland, FL 32751
Phone 407-516-0437
Certificate of Authorization No. 29390

CivilCorp
Engineering, Inc.



Stephen Allen, PE # 99994
Engineer

FL Reg No

By

Drawn By

STA

Date

09/29/23

Project No.

127-019

Scale

1"=30'

Revisions

4

3

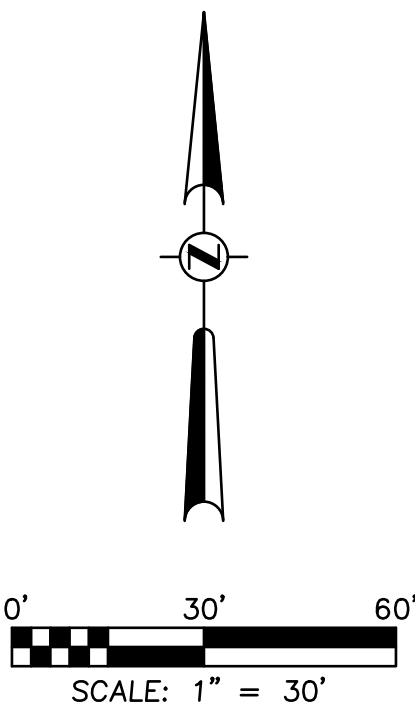
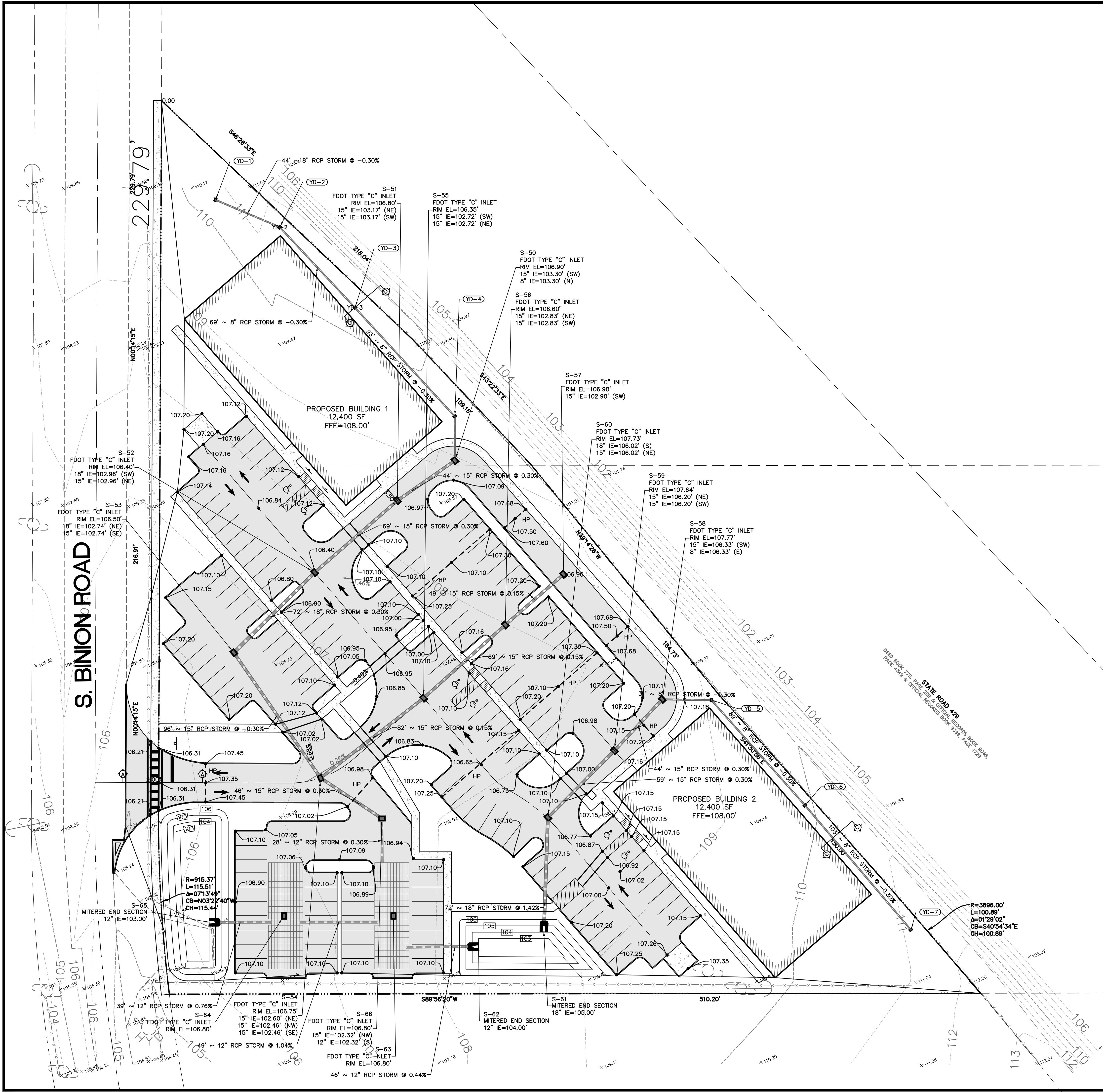
2

1

#

Date

Description



SITE LEGEND

SITE BOUNDARY LINE	----
CENTER LINE OF ROAD	----
EASEMENT LINE	----
EXISTING EDGE OF PAVEMENT	----
PROPOSED 4" CONCRETE	
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Revisions	Project No.	Drawn By	Date
4 3 2 1 #	127-019	STA	09/29/23

WILLIAM EDWARD CONSTRUCTION

CivilCorp Engineering, Inc.
630 N Wynore Rd, Ste 310
Maitland, FL 32751
Phone 407-516-0437
Certificate of Authorization No. 29390

THOMAS ALLEN
REGISTERED PROFESSIONAL ENGINEER
No. 99994
STATE OF FLORIDA

Stephen Allen, PE # 99994
Engineer

THE RIDGE
S BINION RD, APOKA, FL

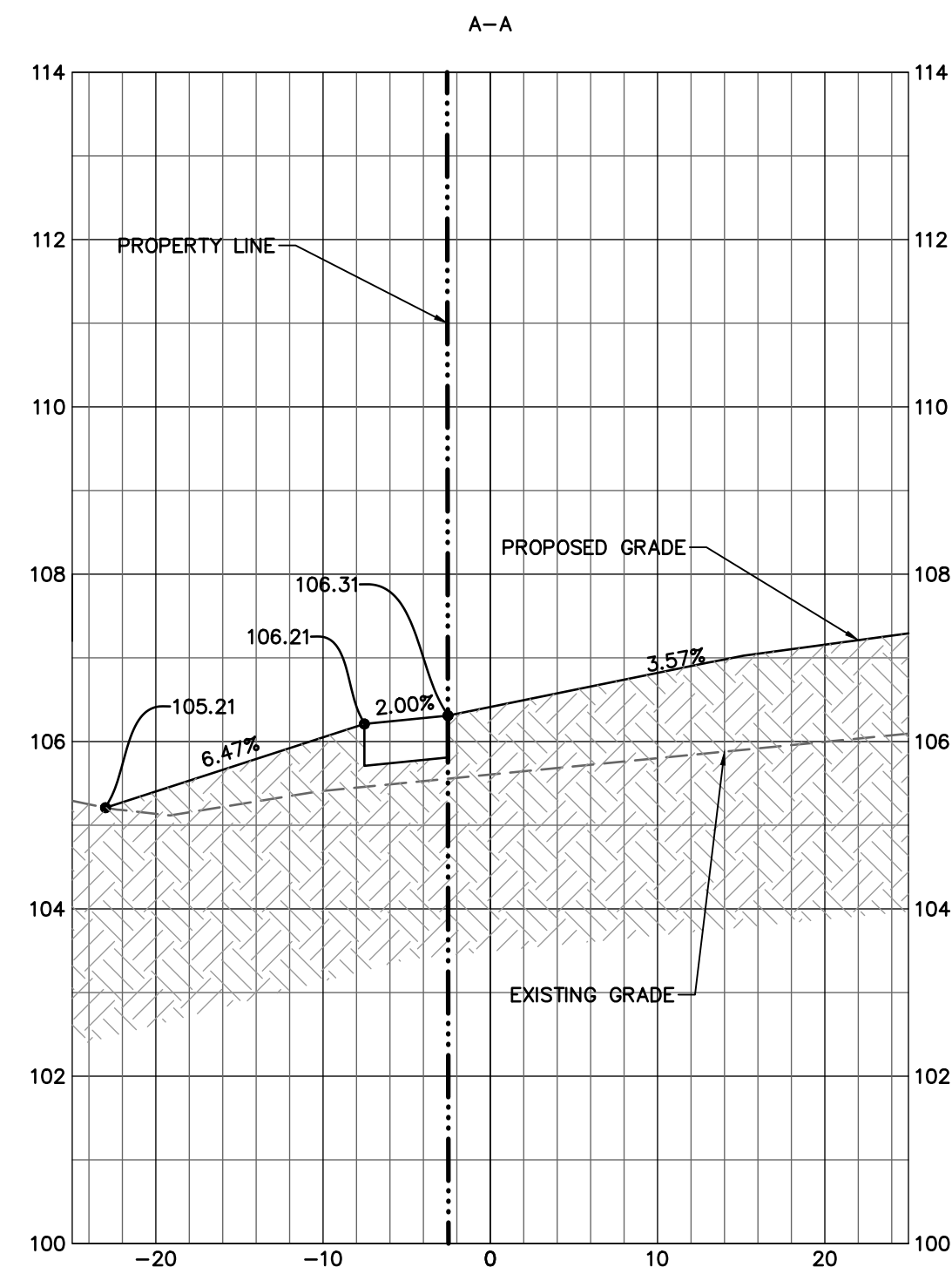
GRADING PLAN

PROJECT NAME

SHEET NAME

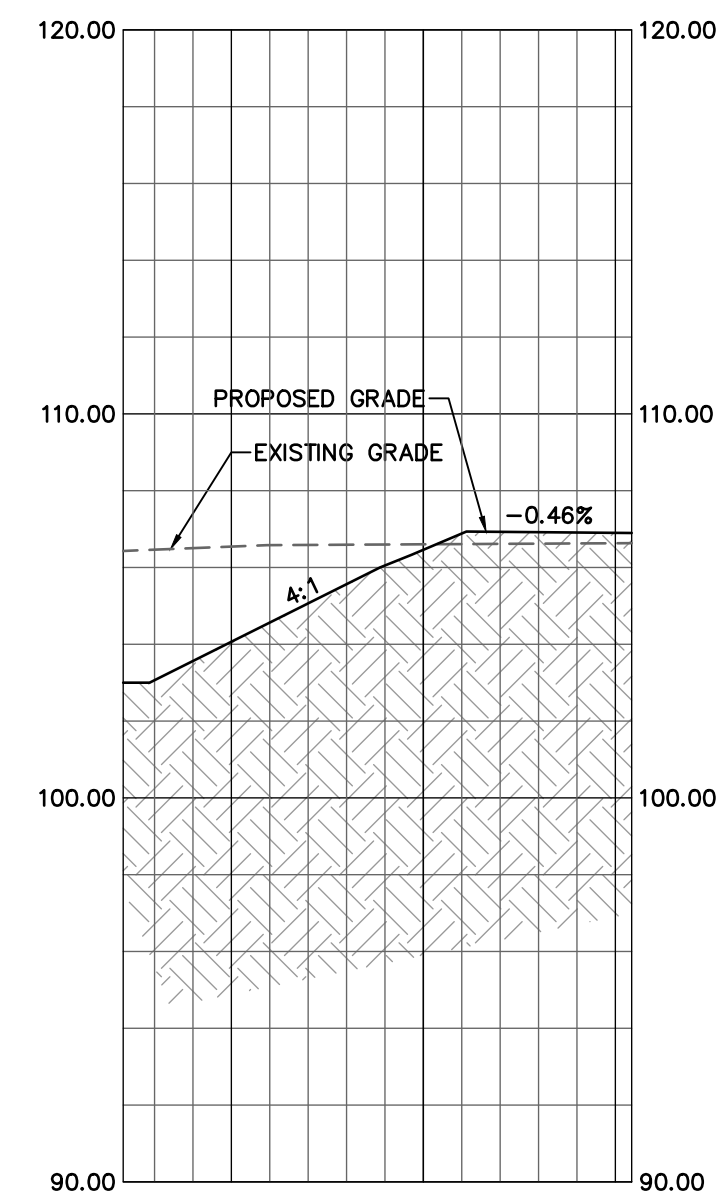
SHEET NO.

C-5



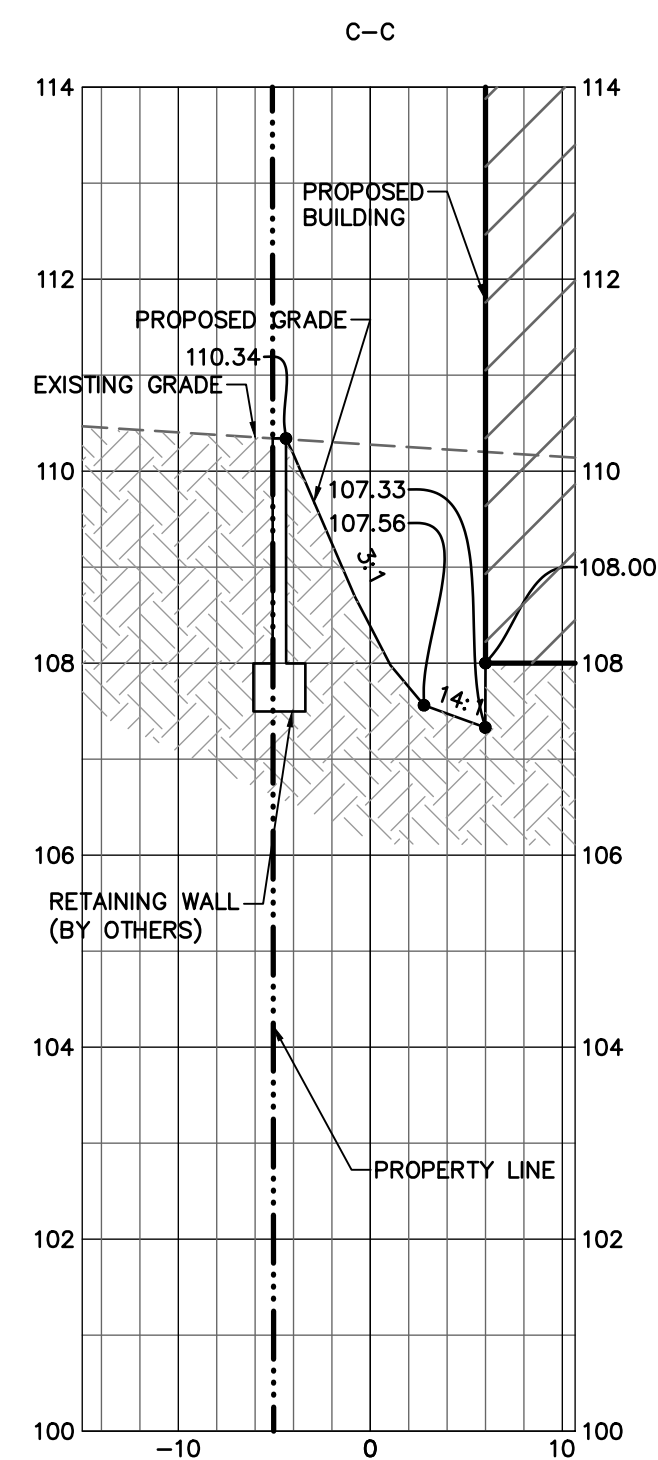
CROSS SECTION A-A

HORZ: 1"=10'
VERT: 1"=2'



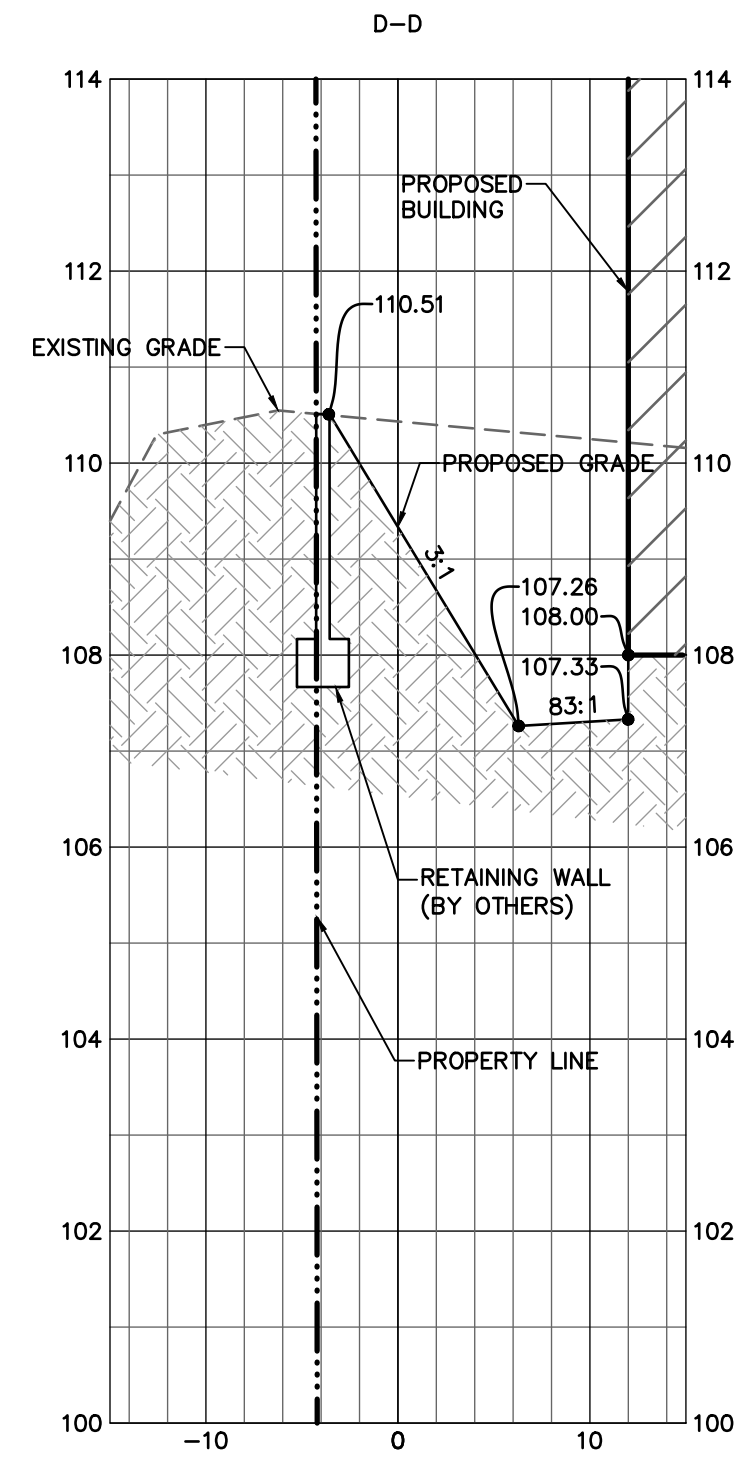
CROSS SECTION B-B

HORZ: 1"=10'
VERT: 1"=2'



CROSS SECTION C-C


HORZ: 1"=10'
VERT: 1"=2'



CROSS SECTION D-D

HORZ: 1"=10'
VERT: 1"=2'

PROJECT NAME	<p>THE RIDGE S BINION RD, APOPKA, FL</p>	
	<p>GRADING SECTION</p>	
SHEET NAME	<p>SHEET NO. C-5A</p>	

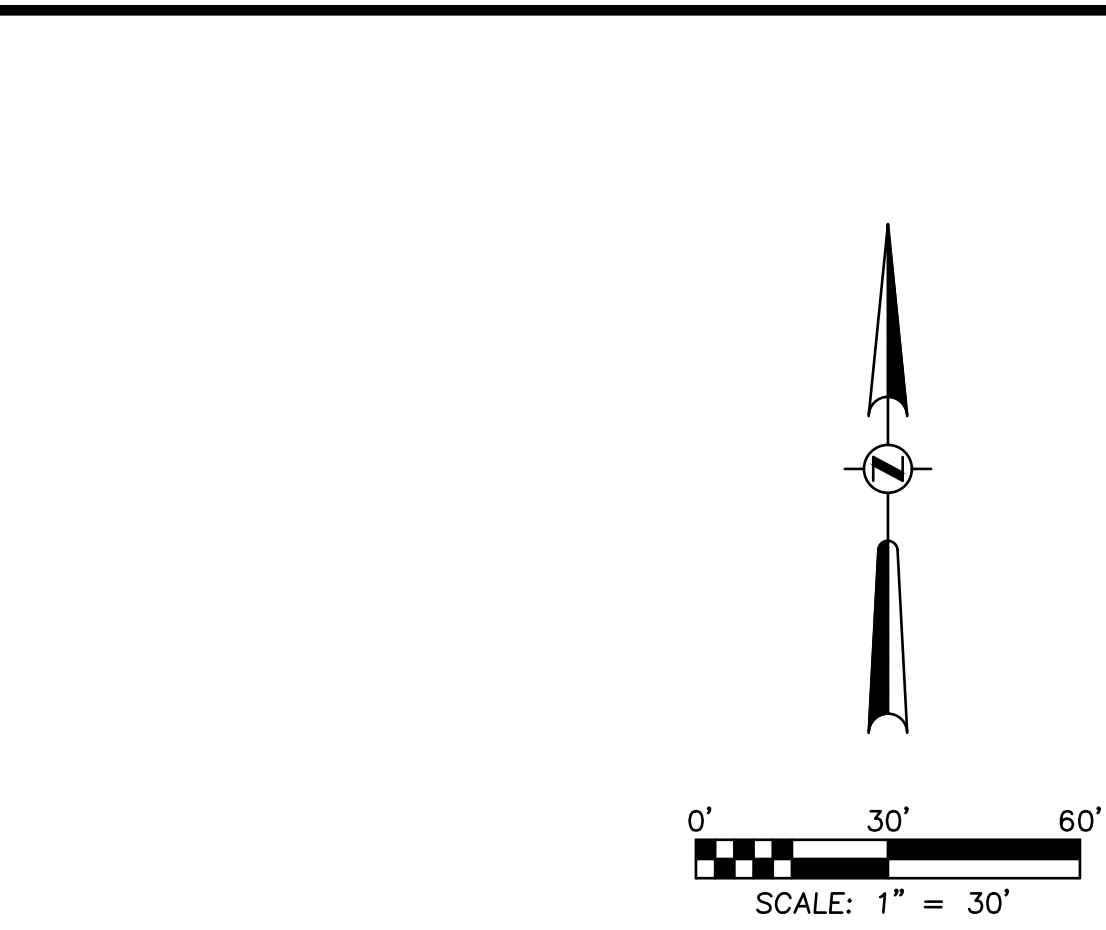
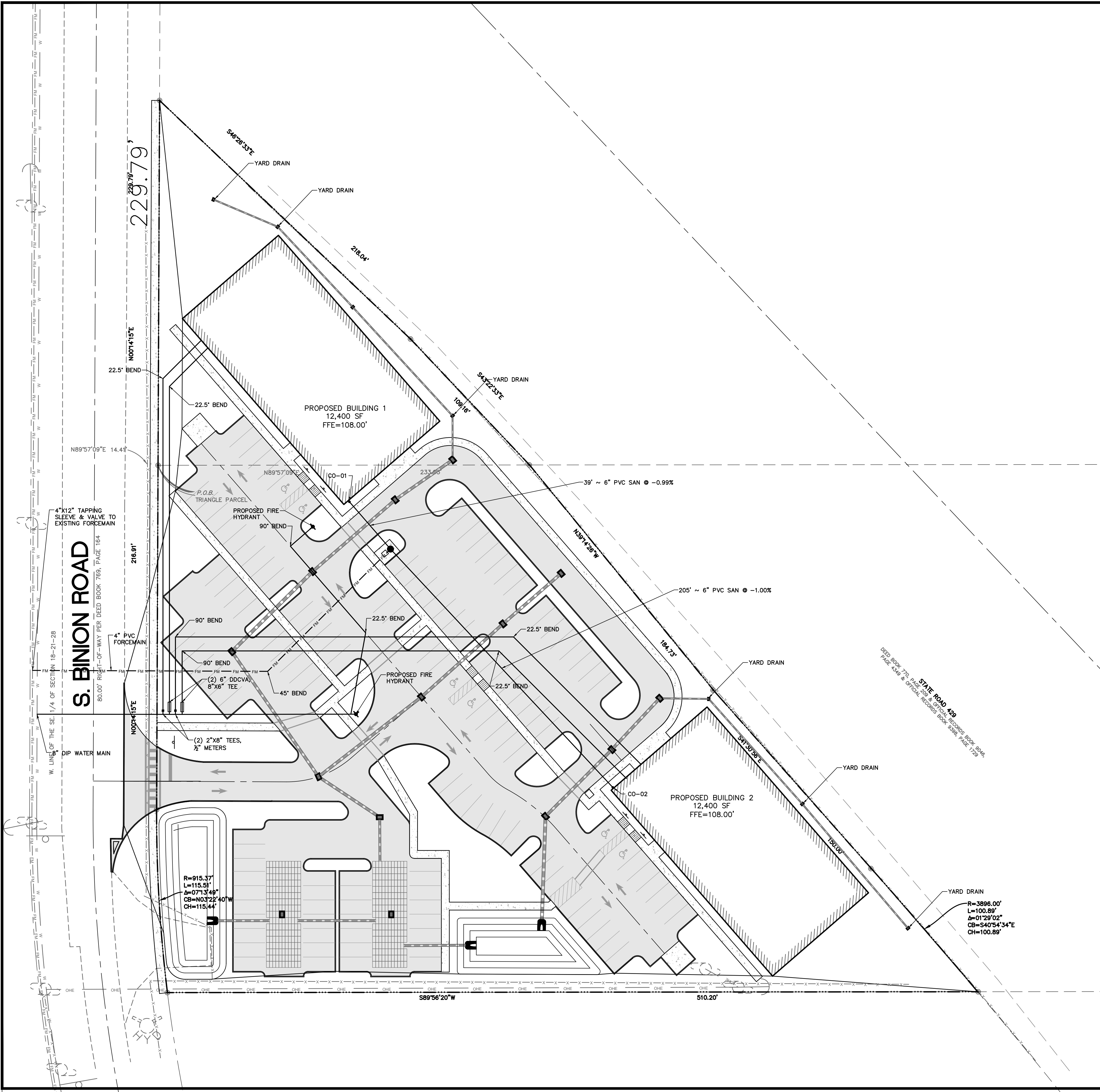


STEPHEN THOMAS ALLEN
No. 59994
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Stephen Allen, PE # 59994

Engineer	FL Reg No

<p>WILLIAM EDWARD CONSTRUCTION</p>	<p>CivilCorp Engineering, Inc. 630 N Wymore Rd, Ste 310 Maitland, FL 32751 Phone 407-516-0437 Certificate of Authorization No. 29390</p>		<p>STA</p>
	<p>Project No.</p>	<p>127-019</p>	
	<p>Drawn By</p>		
	<p>Date</p>		
<p>Revisions</p>	<p>#</p>	<p>Date</p>	<p>By</p>
<p>4</p>			
<p>3</p>			
<p>2</p>			
<p>1</p>			
<p>Scale</p>		<p>1" = 30'</p>	<p>Date</p>
		<p>08/29/23</p>	



SITE LEGEND

SITE BOUNDARY LINE	----
CENTER LINE OF ROAD	----
EASEMENT LINE	----
EXISTING EDGE OF PAVEMENT	----
PROPOSED 4" CONCRETE	
PROPOSED 6" REINFORCED CONCRETE	
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ALL SIGNS SHALL CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

PROJECT NAME	THE RIDGE S BINION RD, APOKA, FL	SHEET NAME	UTILITY PLAN	Revisions		Project No.	127-019	Drawn By	STA	Date	09/29/23
				4	3						
				2	1	#	Date	Description	By		
SHEET NO. C-6											

1. ALL ELEVATION REFER TO VERTICAL DATUM AS INDICATED ON THE SURVEY PROVIDED HEREIN.
2. 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 CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION, AND NOTIFY ENGINEER OF DISCREPANCIES.
3. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES, AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES, IN ORDER TO PERMIT MAKING LOCATIONS OF EXISTING UNDERGROUND UTILITIES, IN ADVANCE OF CONSTRUCTION, BY CALLING "SUNSHINE" AT 1-800-432-4770. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES NOT INCLUDED IN THE "SUNSHINE" PROGRAM.
4. 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 THIS CONTRACTOR.
5. ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO PAVEMENT AND STRUCTURE CONSTRUCTION.
6. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT AND INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY REQUIREMENTS AND CODES.
7. ALL SPECIFICATIONS AND DOCUMENTS REFERENCED BY THE PLANS AND PERMITS SHALL BE OF LATEST REVISIONS AND/OR LATEST EDITION.
8. ALL WORK BY CONTRACTOR/SUBCONTRACTOR SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
9. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER'S ENGINEER, SHOP DRAWINGS ON ALL PROPOSED PRECAST AND MANUFACTURES STRUCTURES. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ALL SHOP DRAWINGS ARE TO BE REVIEWED AND APPROVED BY CONTRACTOR SIGNATURE PRIOR TO SUBMITTAL TO THE OWNER'S ENGINEER.
10. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND APPROPRIATE AGENCIES, AND PROVIDE THEM WITH ALL REQUIRED SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED SCHEDULE, AND OTHER INFORMATION AS REQUIRED, AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. ANY WORK PERFORMED PRIOR TO NOTIFYING THE ENGINEER, OR WITHOUT AGENCY INSPECTOR PRESENT, MAY BE DEEMED NON-COMPLIANT AND WILL BE SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
11. WORK PERFORMED UNDER THIS CONTRACT SHALL BE COORDINATED WITH OTHER WORK BEING PERFORMED OF SITE BY OTHER CONTRACTORS AND UTILITY COMPANIES. IT WILL BE NECESSARY FOR THE CONTRACTOR TO COORDINATE AND SCHEDULE HIS ACTIVITIES, WITH OTHER CONTRACTORS AND UTILITY COMPANIES.
12. BACKFILL MATERIAL SHALL BE COMPACTED AROUND PIPES IN 6" LAYERS UP TO A LEVEL OF AT LEAST ONE FOOT ABOVE THE TOP AND BELOW BOTTOM OF THE PIPE. IN AREAS TO BE PAVED, BACKFILL SHALL BE COMPACTED TO 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
13. SITE WORK CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 4,000 P.S.I. IN 28 DAYS, UNLESS OTHERWISE NOTED.
14. CONCRETE REINFORCING SHALL CONFORM TO ASTM A615 GRADE OR BETTER, UNLESS OTHER WISE INDICATED ON STRUCTURE PLANS.
15. ALL PRIVATE AND PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. ADDITIONAL COSTS SHALL BE COORDINATED BETWEEN CONTRACTOR AND VENDOR.
16. ALL DISTURBED AREAS WHICH ARE NOT TO BE SODDED, ARE TO BE SEEDDED AND MULCHED TO FDOT STANDARDS, AND MAINTAINED UNTIL ACCEPTABLE TO THE REGULATORY AGENCY AND ENGINEER OF RECORD, ALL TESTING REQUIREMENTS, REQUIRED BY THE OWNER, LOCAL, REGULATORY AGENCY, AND OTHER EROSION WORK REQUIRED, WILL BE PERFORMED BY THE CONTRACTOR, UNTIL THE SYSTEM IS ACCEPTED, BY THE OWNER, REGULATORY AGENCY AND ENGINEER OF RECORD.
17. CHAPTER 177--153 OF THE FLORIDA STATUTES REQUIRES THAT AN EXCAVATOR NOTIFY ALL GAS UTILITIES A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING. THESE PLANS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS. AN ON-SITE INSPECTION BY THE RESPECTIVE GAS PERSONNEL, OF THE EXISTING GAS COMPANIES, SHALL BE CALLED FOR BY THE CONTRACTOR TWO (2) WORKING DAYS BEFORE ENTERING A CONSTRUCTION AREA.
18. THE CONTRACTOR SHALL UTILIZE THE "DESIGN SURVEYOR" TO LOCATE AND FLAG ALL PROPERTY CORNERS PRIOR TO CONSTRUCTION AND FINAL ENGINEERING INSPECTION AND CERTIFICATION. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO HAVE PROPERTY CORNERS, WHICH HAVE BEEN LOST DURING CONSTRUCTION, REESTABLISHED BY A PROFESSIONAL LAND SURVEYOR, PREFERABLY THE "DESIGN SURVEYOR".
19. THE SOILS ENGINEER IS TO SUPPLY THE ENGINEER WITH A PHOTOCOPY OF ALL COMPACTION TESTS, AND ASPHALT RESULTS. THE SOILS ENGINEER IS TO CERTIFY TO THE ENGINEER OF RECORD, IN WRITING, THAT ALL TESTING REQUIREMENTS, REQUIRED BY THE OWNER, LOCAL, REGULATORY AGENCY, AND OTHER EROSION WORK REQUIRED, WILL BE PERFORMED BY THE CONTRACTOR, UNTIL THE SYSTEM IS ACCEPTED, BY THE OWNER, REGULATORY AGENCY AND ENGINEER OF RECORD.
20. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE TESTING REQUIREMENTS AS SHOWN ON THE ENGINEERING CONSTRUCTION DRAWINGS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETION OF THE WORK, THE SOILS ENGINEER IS TO SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER, STATION THAT ALL REQUIREMENTS HAVE BEEN MET.
21. THE CONTRACTOR IS TO REVIEW THE DESIGN SOIL REPORTS AND BORINGS PRIOR TO BIDDING THE PROJECT AND PRIOR TO COMMENCING CONSTRUCTION.
22. THE 100% IRRIGATION SYSTEM SHALL BE DIFFERENTIATED FROM POTABLE WATER PIPING.
23. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS AND PERMITS AT THE CONSTRUCTION SITE, AT ALL TIMES.
24. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR INSTRUCTION OF THE CONTRACTOR REGARDING CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS FOR CONSTRUCTION SITE SAFETY.
25. ALL SODDING, SEEDING AND MULCHING SHALL INCLUDE WATER AND FERTILIZATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UNTIL THE PROJECT IS COMPLETED AND ACCEPTED BY OTHERS.

1. THE CONTRACTOR IS TO MAINTAIN ACCESS TO ALL TREES SHOWN TO REMAIN ON THE CONSTRUCTION PLANS IN ACCORDANCE WITH PROTECTED IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY TREE ORDINANCE AND DETAILS. CONTRACTOR TO BE MAINTAINED IN THESE PLANS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THESE TREES IN GOOD CONDITION. NO TREES SHOWN TO REMAIN SHALL BE REMOVED WITHOUT WRITTEN APPROVAL FROM THE OWNER.
2. THE CONTRACTOR IS TO PREPARE THE SITE PRIOR TO BEGINNING ACTUAL CONSTRUCTION IN ACCORDANCE, WITH THE SOILS TESTING REPORT, COPIES OF THE SOILS REPORT AREA AVAILABLE THROUGH THE OWNER OR THE SOILS TESTING COMPANY. QUESTIONS REGARDING SITE PREPARATION REQUIREMENTS DESCRIBED IN THE SOILS REPORT ARE TO BE DIRECTED TO THE SOILS TESTING COMPANY.
3. THE CONTRACTOR SHALL CLEAR AND GRUB, ONLY THOSE PORTIONS OF THE SITE, NECESSARY FOR CONSTRUCTION. DISTURBED AREAS WILL BE SEED, MULCHED, OR PLANTED WITH OTHER APPROVED LANDSCAPE MATERIAL IMMEDIATELY FOLLOWING CONSTRUCTION.
4. THE TOP 4" TO 6" OF GRASS REMOVED DURING CLEARING AND GRUBBING SHALL BE STOCKPILED AT A SITE DESIGNATED BY THE OWNER TO BE USED FOR LANDSCAPING PURPOSES, UNLESS OTHERWISE DIRECTED BY THE OWNER.
5. ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS. ONLY "GRADING BY HAND" IS PERMITTED WITHIN THE CANOPY LINE OF TREES THAT ARE TO REMAIN.
6. THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS FOR REMOVING ANY EXISTING STRUCTURES.
7. IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY ALL UTILITY COMPANIES TO DISCONNECT OR REMOVE THEIR FACILITIES PRIOR TO REMOVING OR DEMOLISHING ANY EXISTING STRUCTURES FROM THE SITE.
8. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE AND ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION ACTIVITY, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES AND TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE CONSTRUCTION OF THE PROJECT SHALL BE RELOCATED BY THE UTILITY COMPANIES, AND THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT AND NO EXTRA COMPENSATION WILL BE ALLOWED.
9. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND WILL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL UNDERGROUND AND ABOVE GROUND STRUCTURES AND UTILITIES SHOWN TO BE REMOVED OR DEMOLISHED. THE CONTRACTOR SHALL COOPERATE WITH THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING THE OWNER AND REQUESTING A CLARIFICATION OF THE PLANS PRIOR TO DEMOLITION.
10. DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SYNTHETIC BALES, SOD, STONE, ETC., WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.
11. ALL EROSION AND SILTATION CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
12. WHEN CONSTRUCTION IS COMPLETED, THE RETENTION/DETENTION AREAS WILL BE RESHAPED, CLEANED OF SILT, MUD AND DEBRIS, AND RE-SODDED IN ACCORDANCE TO THE PLANS.
13. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (SYNTHETIC BALES OR SILTATION CURTAIN) TO PREVENT SITUATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, AND EXISTING WETLANDS. IN ADDITION, THE CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON THE GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT THE SITE. IF, IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER AND/OR AUTHORITIES.
14. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.
15. THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SHEET FLOW, SWALE, DITCH, ETC.) INTO EXISTING LAKE, SYSTEM, WETLAND, OR RIVER, WITHOUT THE USE OF SETTLING PONDS. IF THE CONTRACTOR DESIRES TO DISCHARGE INTO EXISTING LAKE, RIVER, OR WETLAND, A SETTLING POND PLAN MUST BE SUBMITTED AND APPROVED BY THE ENGINEER OF RECORD AND LOCAL REGULATORY AGENCY PRIOR TO CONSTRUCTION.

1. ALL DELETERIOUS SUBSTANCE MATERIAL, (I.E. MUCH, PEAT, BURNED DEBRIS), IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS, OR AS DIRECTED BY THE OWNER'S ENGINEER, OR OWNER'S SOIL 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.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND WILL PROVIDE BRACING, SHEETING, OR SHORING, AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED.
3. IT MAY BE NECESSARY TO FIELD ADJUST PAVEMENT ELEVATIONS TO PRESERVE THE ROOT SYSTEMS OF TREES SHOWN TO BE SAVED. THE CONTRACTOR IS TO COORDINATE WITH OWNER'S ENGINEER PRIOR TO ANY ELEVATION CHANGES.
4. PRIOR TO CONSTRUCTION CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE OWNER'S ENGINEER FOR APPROVAL.
5. THE CONTRACTOR IS TO PROVIDE A 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER, AT ABUTMENT OF CONCRETE AND ANY STRUCTURE.
6. ALL PAVEMENT MARKINGS SHALL BE MADE WITH TRAFFIC PAINT IN ACCORDANCE TO FDOT STANDARD SPECIFICATIONS 971-12 OR 971-13. PARKING STALL STRIPING TO BE 4" WIDE PAINTED WHITE STRIPES, UNLESS OTHERWISE SPECIFIED BY AGENCIES.
7. THE CONTRACTOR IS TO INSTALL EXTRA BASE MATERIAL WHEN THE DISTANCE BETWEEN THE PAVEMENT ELEVATION AND THE TOP OF THE PIPE OR BELL IS LESS THAN TWELVE (12) INCHES.
8. STANDARD INDICES REFER TO THE LATEST EDITION OF FDOT "ROADWAY AND TRAFFIC DESIGN STANDARDS".
9. ALL STORM SEWER PIPE SHALL BE REINFORCED CONCRETE CLASS IV (ASTM C-76) UNLESS OTHERWISE NOTED ON PLANS.
10. PVC STORM PIPE, 12" AND SMALLER SHALL CONFORM TO AWWA C-900, CLASS 150 STANDARDS, UNLESS OTHERWISE NOTED.
11. PIPE LENGTHS SHOWN ARE APPROXIMATE AND TO THE CENTER OF DRAINAGE STRUCTURES. PIPE LENGTH FOR MITERED END AND FLARED END SECTIONS ARE TO END OF PIPE.
12. ALL DRAINAGE STRUCTURE GRATES AND COVERS WITHIN TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR AND CAPABLE OF WITHSTANDING H-20 LOADINGS.
13. THE CONTRACTOR IS TO SOD THE RETENTION/DETENTION POND AS INDICATED ON PLANS WITHIN ONE WEEK FOLLOWING CONSTRUCTION OF THE POND.
14. MATERIALS AND CONSTRUCTION METHODS FOR STREETS AND STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY AND THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 1991, OR LATEST REVISION THEREOF AND SUPPLEMENTAL SPECIFICATIONS THERETO.
15. UNDERCUTTING AND/OR OVER EXCAVATING THE RETENTION/DETENTION AREAS WILL NOT BE ALLOWED.
16. THE CONTRACTOR SHALL PROVIDE CERTIFIED RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE RECORD DRAWINGS SHALL SHOW FINAL GRADES, INVERTS, AND LOCATIONS OF ALL STORMWATER FACILITIES INCLUDING THE STORMWATER POND, DRAINAGE STRUCTURES, BERMS & SWALES. THE CONTRACTOR SHALL PROVIDE THE COPIES OF THE CERTIFIED RECORD DRAWINGS TO THE ENGINEER FOR THE PURPOSE OF CERTIFYING THE STORMWATER MANAGEMENT SYSTEM.

1. THE STORM DRAINAGE PIPING AND FILTRATION SYSTEM SHALL BE SUBJECT TO A VISUAL INSPECTION BY THE OWNER'S ENGINEER PRIOR TO THE PLACEMENT OF BACKFILL. THE CONTRACTOR IS TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION.
2. THE CONTRACTOR SHALL MAINTAIN THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
3. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE TESTING SCHEDULE FOUND IN THE ENGINEERING SPECIFICATIONS. UPON COMPLETION OF THE WORK, THE SOILS ENGINEER MUST SUBMIT CERTIFICATION TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

HORIZONTAL CLEARANCE AT CROSSINGS:

GRAVITY SEWERS OR FORCE MAINS CROSSING UNDER WATER MAINS SHALL BE LAID TO PROVIDE A MINIMUM CLEARANCE IN CONCRETE FOR 20 FEET CENTER TO CENTER. THE INVERT OF THE UPPER PIPE AND THE CROWN OF THE LOWER PIPE, THE CROSSING SHALL BE ARRANGED SO THAT THE SEWER JOINTS AND WATER JOINTS WILL BE EQUALLY SPACED FROM THE POINT OF CROSSING WITH NO LESS THAN 10 FEET BETWEEN ANY TWO JOINTS, WHERE THE MINIMUM 18 INCH SEPARATION CANNOT BE MAINTAINED, THE SEWER SHALL BE PLACED IN A SLEEVE OR ENCASED IN CONCRETE FOR 20 FEET CENTER TO CENTER IN THE POINT OF CROSSING, WHERE THERE IS NO ALTERNATIVE TO SEWER PIPES CROSSING OVER WATER MAINS, THE PIPES SHALL BE CENTERED AT THE CROSSING AS INDICATED ABOVE, AND THE WATER MAIN SHALL BE PLACED IN A SLEEVE OR ENCASED IN CONCRETE FOR 20 FEET CENTER TO CENTER ON FEELING ADEQUATE STRUCTURAL SUPPORT SHALL BE PROVIDED FOR THE SEWER TO PREVENT DAMAGE TO THE WATER MAIN.

HORIZONTAL SEPARATION BETWEEN PARALLEL LINES:

GRAVITY SEWERS SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE, IN CASES WHERE IT IS NOT PRACTICAL TO WATER MAIN A 10 FOOT SEPARATION, THE WATER MAIN SHALL BE INSTALLED IN A SEPARATE TRENCH OR ON AN ADJACENT SIDE OF THE EXISTING OR PROPOSED WATER MAIN, ON ONE SIDE OF THE SEWER AND AT AN ELEVATION SO THAT THE BOTTOM OF THE WATER MAIN IS AT LEAST 18 INCHES ABOVE THE TOP OF THE SEWER, AND THE WATER AND SEWER JOINTS SHALL BE STAGGERED.

FORCE MAINS SHALL BE INSTALLED AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED WATER MAIN.

SANITARY SEWER/RECLAIMED WATER AND POTABLE WATER/RECEMAINED WATER SEPARATIONS:

WHEN THE RECLAIMED WATER LINE IS TRANSPORTING WATER FOR PUBLIC ACCESS IRRIGATION, THE MAXIMUM OBTAINABLE SEPARATION FOR RECLAIMED WATER LINES AND DOMESTIC WATER LINES SHALL BE PRACTICED. A MINIMUM HORIZONTAL SEPARATION OF 5 FEET (CENTER TO CENTER) OR 3 FEET (OUTSIDE TO OUTSIDE) SHALL BE MAINTAINED BETWEEN RECLAIMED WATER LINES AND EITHER POTABLE WATER MAINS OR SEWAGE COLLECTION LINES. AN 18 INCH VERTICAL SEPARATION SHALL BE MAINTAINED AT CROSSINGS.

WHEN THE RECLAIMED WATER LINE IS TRANSPORTING WATER FOR NON-PUBLIC ACCESS IRRIGATION, THE RECLAIMED WATER MAIN SHALL BE TREATED LIKE A SANITARY SEWER. A 10 FOOT HORIZONTAL OR 18 INCH VERTICAL SEPARATION SHALL BE MAINTAINED BETWEEN THE RECLAIMED WATER MAIN AND EXISTING OR PROPOSED POTABLE WATER MAINS. NO MINIMUM SEPARATION IS REQUIRED BETWEEN THE RECLAIMED WATER MAIN AND SANITARY SEWERS, OTHER THAN THAT NECESSARY TO ENSURE STRUCTURAL INTEGRITY AND PROTECTION OF THE LINES THEMSELVES.

NOTE: WHEN IT IS IMPOSSIBLE TO OBTAIN PROPERTY HORIZONTAL AND VERTICAL SEPARATION AS STIPULATED ABOVE, THE DEPARTMENT OF ENVIRONMENTAL PROTECTION (DEP) MAY ALLOW DEVIATION ON A CASE-BY-CASE BASIS, SUPPORTED BY DATA FROM THE DESIGN ENGINEER. APPROVAL FOR THE DEVIATION MUST BE OBTAINED PRIOR TO CONSTRUCTION.


2. ALL WATER MAINS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
3. ALL WATER SYSTEM WORK SHALL CONFORM WITH LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
3. CONFLICTS BETWEEN WATER AND STORM OR SANITARY SEWER TO BE RESOLVED BY ADJUSTING THE WATER LINES AS NECESSARY.
4. ALL DUCTILE IRON PIPE SHALL BE CLASS 52 IN ACCORDANCE WITH ANSI A 21.50 (AWWA C 150) AND ANSI A 21.31 (AWWA C 151) AND PIPE SHALL RECEIVE EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH A 21.6, A 21.8, OR A 21.51 AND SHALL BE MORTAR LINED, STANDARD THICKNESS, AND BITUMINOUS SEALED IN ACCORDANCE WITH ANSI A (AWWA C 104-77).
5. ALL FITTINGS LARGER THAN 2" SHALL BE DUCTILE IRON CLASS 53 IN ACCORDANCE WITH AWWA C-110 WITH A PRESSURE RATING OF 350 PSI. JOINTS SHALL BE MECHANICAL JOINTS IN ACCORDANCE WITH AWWA C-111. FITTINGS SHALL BE CEMENT MORTAR LINED AND COATED IN ACCORDANCE WITH AWWA C-104.
6. THE CONTRACTOR IS TO INSTALL TEMPORARY BLOW-OFFS AT THE END OF WATER SERVICE LATERALS TO ASSURE ADEQUATE FLUSHING AND DISINFECTION.
7. THRUST BLOCKING SHALL BE PROVIDED AT ALL FITTINGS AND HYDRANTS AS SHOWN ON DETAILS.
8. ALL PVC WATER MAINS 4" THROUGH 12" SHALL BE IN ACCORDANCE WITH AWWA C-900. PIPE SHALL BE CLASS 150 AND MEET THE REQUIREMENTS OF SDR 18 IN ACCORDANCE WITH ASTM D-2241.
9. WATER MAIN PIPE OF LESS THAN 4" SHALL BE PER ASTM D2241-89.
10. ALL FITTINGS 2" AND SMALLER SHALL BE SCHEDULE 40 PVC WITH SOLVENT WELDED SLEEVE TYPE JOINTS.
11. ALL GATE VALVES 2" OR LARGER SHALL BE RESILIENT SEAT OR RESILIENT WEDGE MEETING THE REQUIREMENTS OF AWWA C509.
12. ALL FIRE HYDRANTS SHALL MEET THE REQUIREMENTS OF AWWA C502 AND SHALL BE APPROVED BY THE LOCAL UTILITY AGENCY FIRE MARSHAL.
13. THE MATERIALS AND CONSTRUCTION METHODS FOR WATER DISTRIBUTION SYSTEM SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY CODES, PLANS, AND SPECIFICATIONS FOR CONSTRUCTION, LATEST REVISION THEREOF, AND SUPPLEMENTAL SPECIFICATIONS THERETO. APPROVAL AND CONSTRUCTION OF ALL POTABLE WATER SERVICE MAIN EXTENSIONS AND CONNECTIONS MUST BE COORDINATED THROUGH THE LOCAL REGULATORY AGENCY.
14. THE CONTRACTOR SHALL PROVIDE CERTIFIED UTILITY RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE RECORD DRAWINGS SHALL SHOW THE LOCATION ON ALL WATER MAINS AND SERVICES. THE CONTRACTOR SHALL PROVIDE TEN COPIES OF THE CERTIFIED RECORD DRAWINGS TO THE ENGINEER.

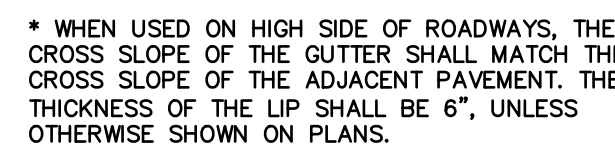
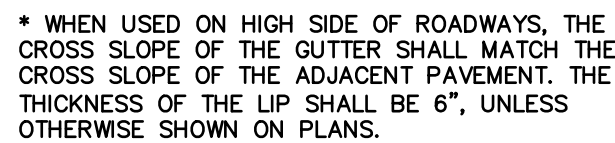
1. ALL COMPONENTS OF THE WATER SYSTEM, INCLUDING FITTINGS, HYDRANTS, CONNECTIONS, AND VALVES SHALL REMAIN UNCOVERED UNTIL PROPERLY PRESSURE TESTED AND ACCEPTED BY THE OWNER'S ENGINEER. PRESSURE TESTS TO BE IN ACCORDANCE WITH WATER DEPARTMENT SPECIFICATIONS. CONTRACTOR TO NOTIFY OWNER'S ENGINEER AND WATER DEPARTMENT INSPECTORS 48 HOURS IN ADVANCE OF PERFORMING TESTS.
2. CONTRACTOR TO PERFORM CHLORINATION AND BACTERIOLOGICAL SAMPLING IN ACCORDANCE WITH ALL PERMIT REQUIREMENTS. BACTERIOLOGICAL SAMPLING SHALL BE BY THE LOCAL PUBLIC HEALTH UNIT AND/OR LOCAL UTILITY. CONTRACTOR SHALL OBTAIN CLEARANCE OF THE DOMESTIC WATER SYSTEM. COPIES OF ALL BACTERIOLOGICAL TESTS TO BE SUBMITTED TO OWNER'S ENGINEER.

1. ALL SANITARY SEWER MAINS & LATERALS SHALL HAVE A MINIMUM OF 36 INCHES OF COVER.
2. ALL SANITARY SEWER MAINS & SERVICE LATERALS SHALL BE CONSTRUCTED OF POLYVINYL CHLORIDE PIPE, SDR 35 OR AS OTHERWISE INDICATED ON THE CONSTRUCTION DRAWINGS.
3. ALL SANITARY SEWER WORK SHALL CONFORM WITH LOCAL REGULATORY STANDARDS AND SPECIFICATIONS.
4. PRIOR TO COMMENCING WORK WHICH REQUIRES CONNECTING NEW WORK TO EXISTING LINES OR APPLIANCES, THE CONTRACTOR SHALL VERIFY LOCATION AND ELEVATION OF EXISTING CONNECTION POINT AND NOTIFY OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES.
5. PVC PIPE AND FITTINGS SHALL CONFORM TO ASTM SPECIFICATIONS DESIGNATION D-3034-77C, MA SDR 35. INSTALLATION OF SDR 35 PIPE SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF ASTM SPECIFICATION SECTION D2321. ALL SANITARY SEWER PIPELINES SHALL BE SOLID GREEN IN COLOR.
6. ALL PVC FORCE MAINS SHALL BE CLASS 200, SDR 21, COLOR GREEN, WITH A GREEN MAGNETIC TAPE A MINIMUM OF 2" WIDE, PLACED 1 FOOT BELOW THE PROPOSED GRADE. THE PRINTING ON THE MAGNETIC TAPE SHOULD READ "FORCEMAIN".
7. ALL DUCTILE IRON PIPE SHALL BE CLASS 52 IN ACCORDANCE WITH ANSI A 21.50 (AWWA C 150) AND ANSI A21.51 (AWWA C 151). DUCTILE IRON PIPE SHALL RECEIVE INTERIOR AND EXTERIOR BITUMINOUS COATING IN ACCORDANCE WITH ANSI A 21.6, A 21.8, OR A 21.51.
8. ALL SANITARY SEWER GRAVITY MAINS OR SANITARY SEWER FORCEMAINS THAT REQUIRE DUCTILE IRON PIPE, ARE TO BE POLYETHYLENE OR EPOXY LINED.
9. ALL SANITARY SEWER COVERS SHALL BE TRAFFIC RATED FOR H-20 LOADING.
10. THE CONTRACTOR SHALL PROVIDE CERTIFIED UTILITY RECORD DRAWINGS, SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR. THE RECORD DRAWINGS SHALL SHOW FINAL GRADES AND LOCATIONS ON ALL SANITARY SEWER MAINS AND SERVICES. THE CONTRACTOR SHALL PROVIDE TEN COPIES OF THE CERTIFIED RECORD DRAWINGS TO THE ENGINEER.
11. ALL SANITARY FORCEMAINS AND GRAVITY MAINS SHALL BE SEPARATED A MINIMUM OF 10 FEET HORIZONTALLY AND 1.5 FEET VERTICALLY FROM ADJACENT WATER MAINS. WHEN THESE SEPARATION DISTANCES ARE NOT MAINTAINED, THE CONTRACTOR SHALL CONSULT ENGINEER AND AGENCY HAVING JURISDICTION FOR PIPE MATERIAL AND/OR ENCASEMENT ALTERNATIVES.

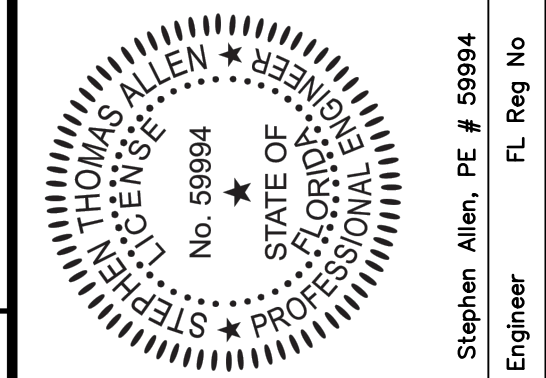
1. ALL GRAVITY SEWER PIPING SHALL BE SUBJECT TO VISUAL INSPECTION BY THE OWNER'S ENGINEER. CONTRACTOR TO NOTIFY THE ENGINEER 48 HOURS IN ADVANCE TO SCHEDULE INSPECTION.
2. CONTRACTOR SHALL CONDUCT VIDEO CAMERA INSPECTION OF ALL GRAVITY SEWER PIPING AND PROVIDE ENGINEER WITH VIDEO TAPE OR DVD OF INSPECTION FOR VIEW AND APPROVAL.
3. THE CONTRACTOR SHALL PERFORM AN INFILTRATION/EXFILTRATION TEST ON ALL GRAVITY SEWERS IN ACCORDANCE WITH THE REGULATORY AGENCY JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.
4. ALL FORCE MAINS SHALL BE SUBJECT TO HYDROSTATIC PRESSURE TEST IN ACCORDANCE WITH THE REGULATORY AGENCY HAVING JURISDICTION. SAID TESTS ARE TO BE CERTIFIED BY THE ENGINEER OF RECORD AND SUBMITTED TO THE REGULATORY AGENCY FOR APPROVAL. COORDINATION AND NOTIFICATION OF ALL PARTIES IS THE CONTRACTOR'S RESPONSIBILITY.

1. DURING THE CONSTRUCTION AND/OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL.
2. 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 THE TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
3. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
4. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER AND THE FLORIDA DEPARTMENT OF TRANSPORTATION REGULATIONS.
5. 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.
6. ALL MAINTENANCE OF TRAFFIC SHALL ADHERE TO THE REQUIREMENTS OF THE DESIGN STANDARDS 600 INDEXES.

PROJECT NAME	THE RIDGE S BINION RD, APOPKA, FL		WILLIAM EDWARD CONSTRUCTION	Revisions				Project No. 127-019	Drawn By STA
				#	Date	Description	By		
SHEET NAME	GENERAL CIVIL NOTES		CivilCorp Engineering, Inc. 630 N Wymore Rd. Ste. 310 Maitland, FL 32751 Phone 407-516-0437 Certificate of Authorization No. 29390						
SHEET NO. C-7		Stephen Allen, PE # 59994 Engineer	FL Reg No	Scale NTS	Date 09/29/23				

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Certificate of Authorization No. 29390



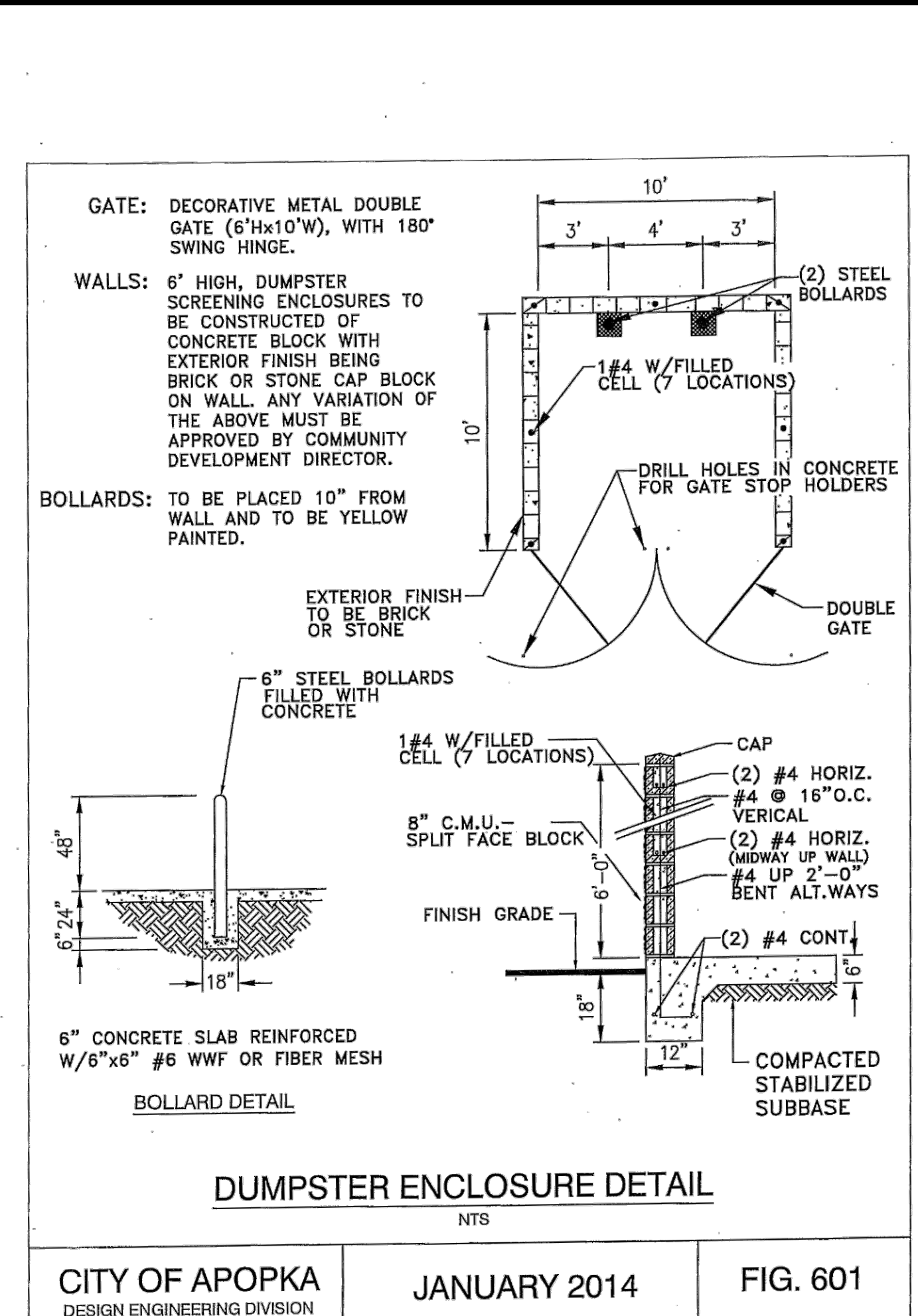
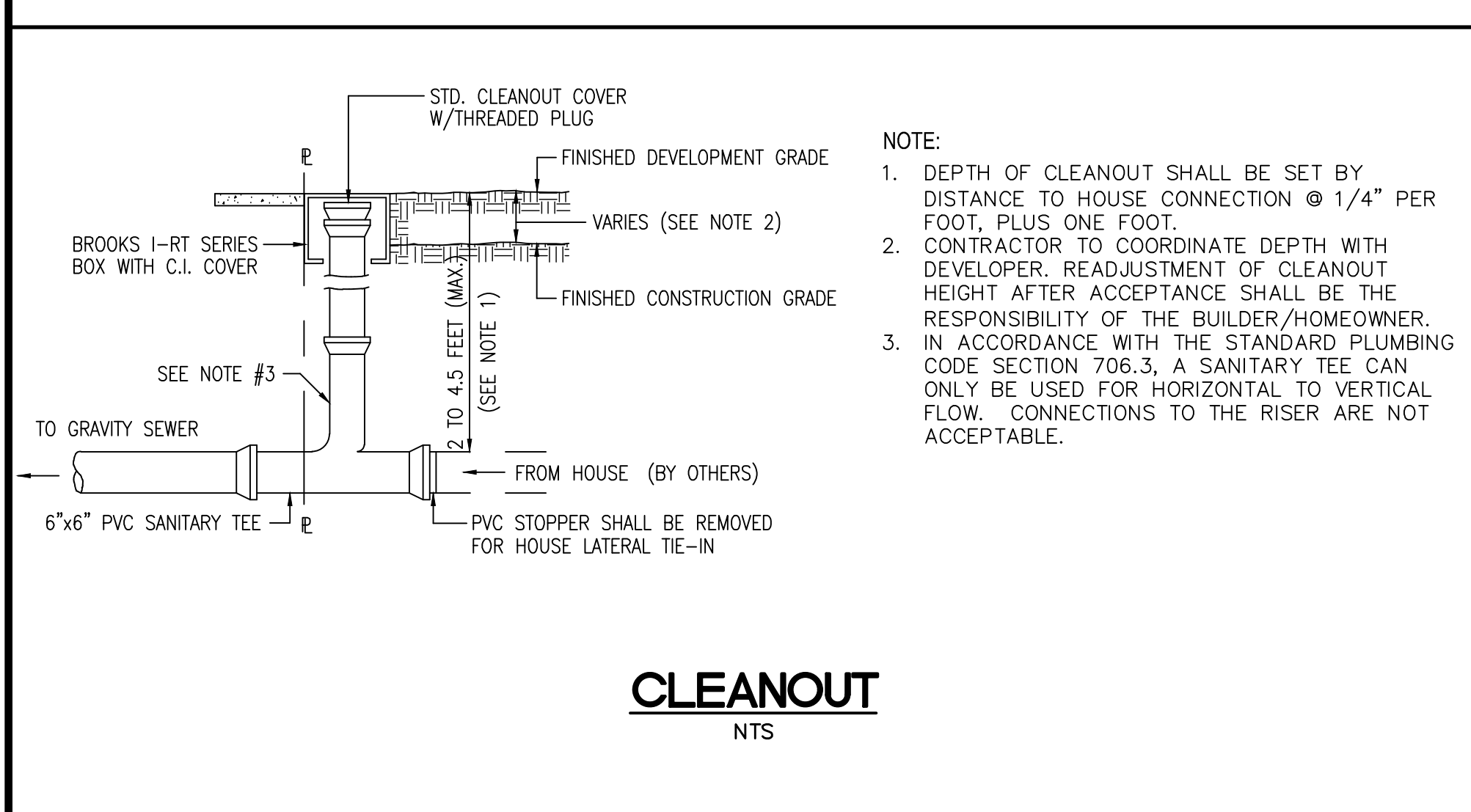
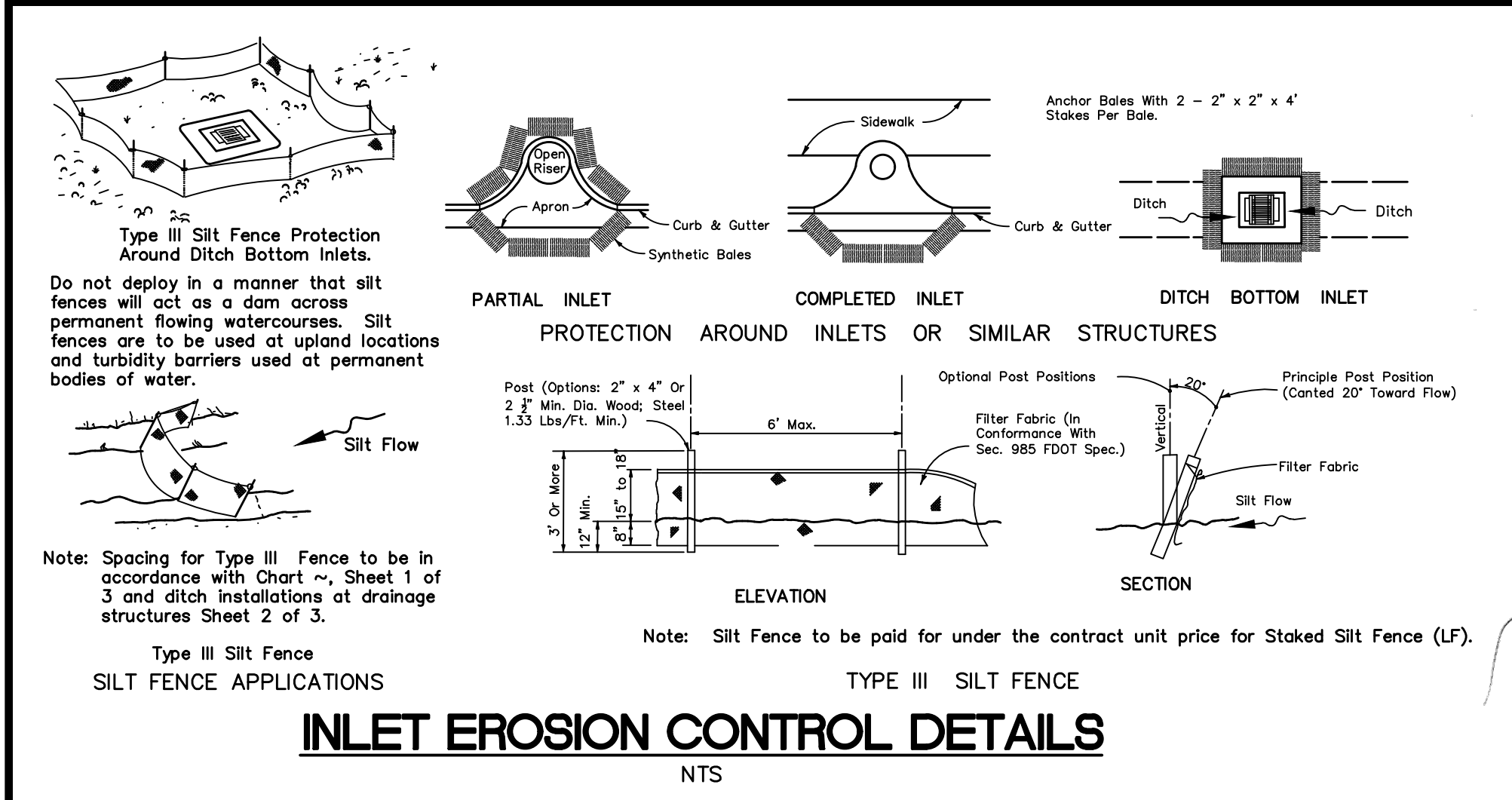
THE RIDGE
S BINION RD, APOPKA, FL

DETAIL SHEET

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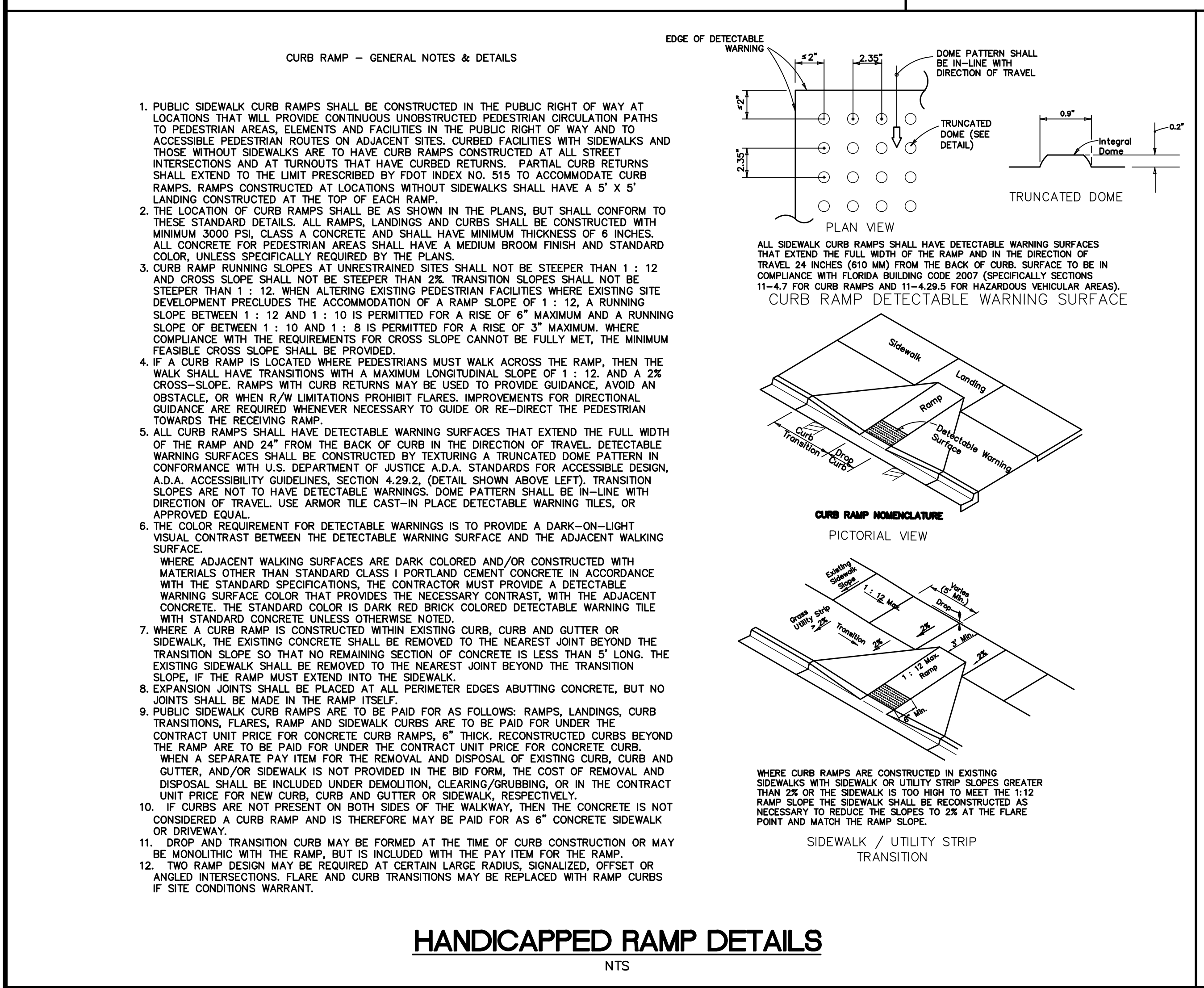
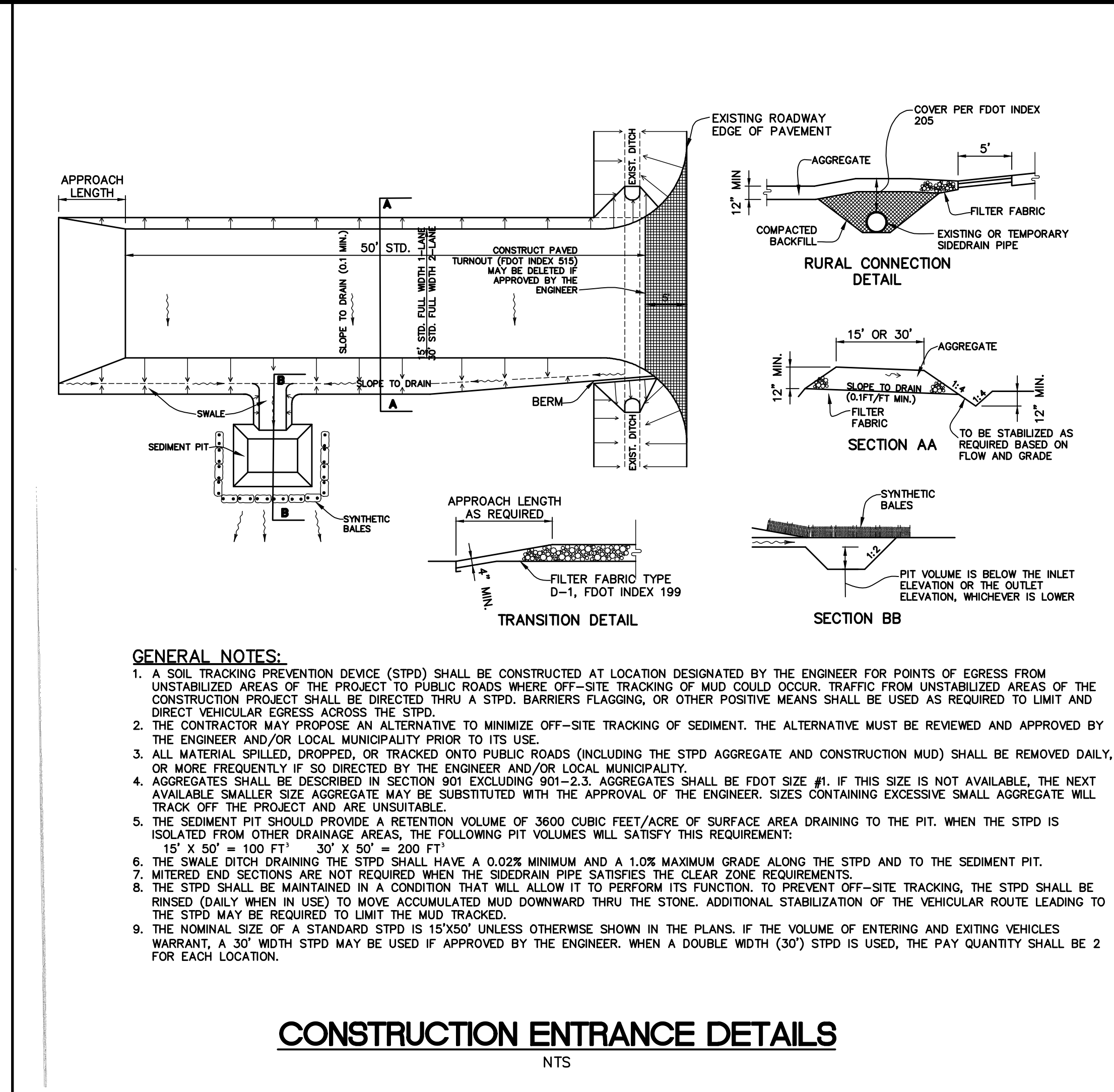
SHEET NO.
C-8



CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 601



Description		By
Revisions		Date
Project No. 127-019		Drawn By STA
Scale NTS		Date 09/29/23

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STEPHEN THOMAS ALLEN
No. 55994
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PROFESSIONAL ENGINEER

Stephen Allen, PE # 55994
Engineer
FL Reg No

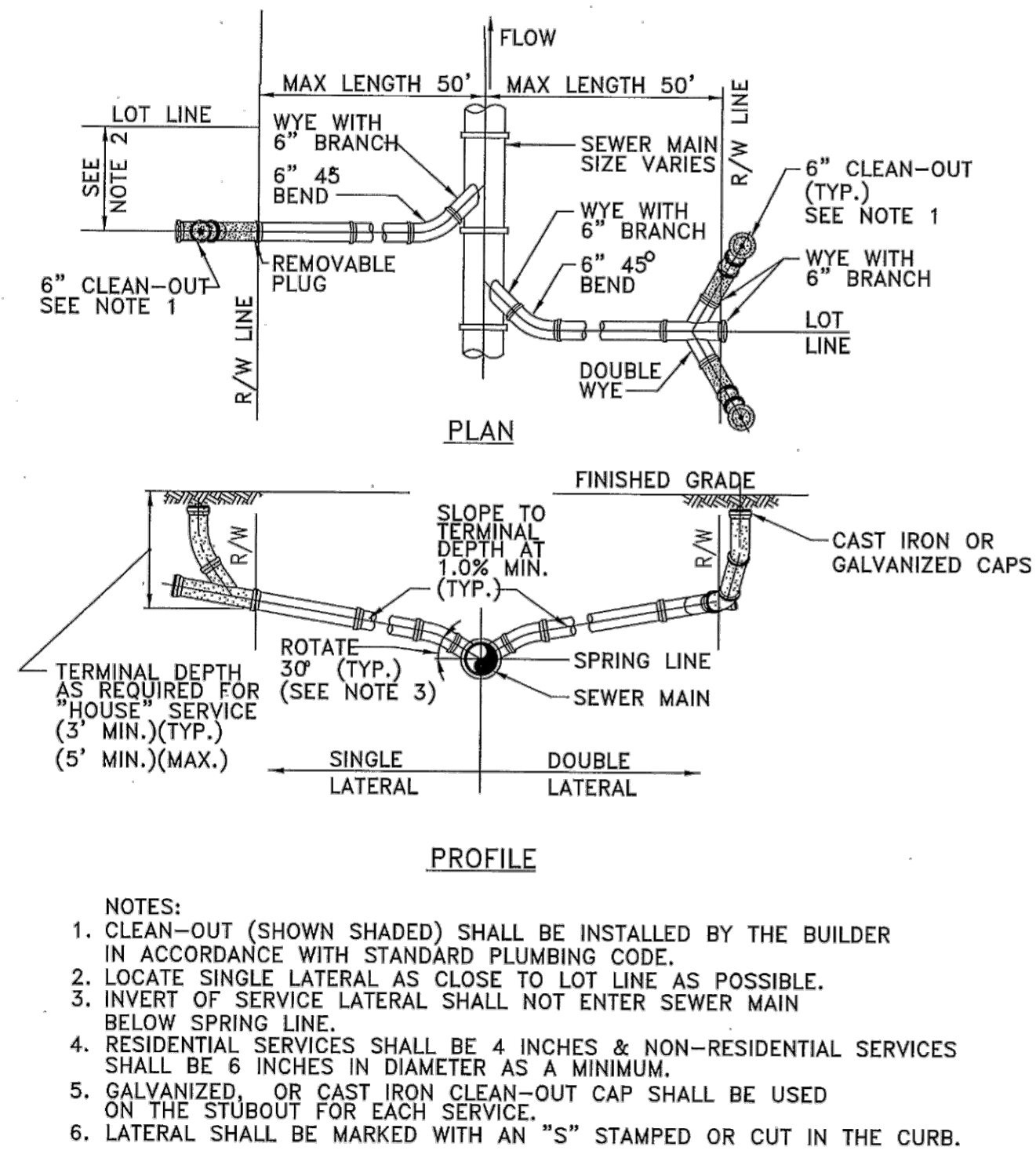
THE RIDGE
S BINION RD, APOKA, FL

DETAIL SHEET

PROJECT NAME

SHEET NAME

SHEET NO. C-9

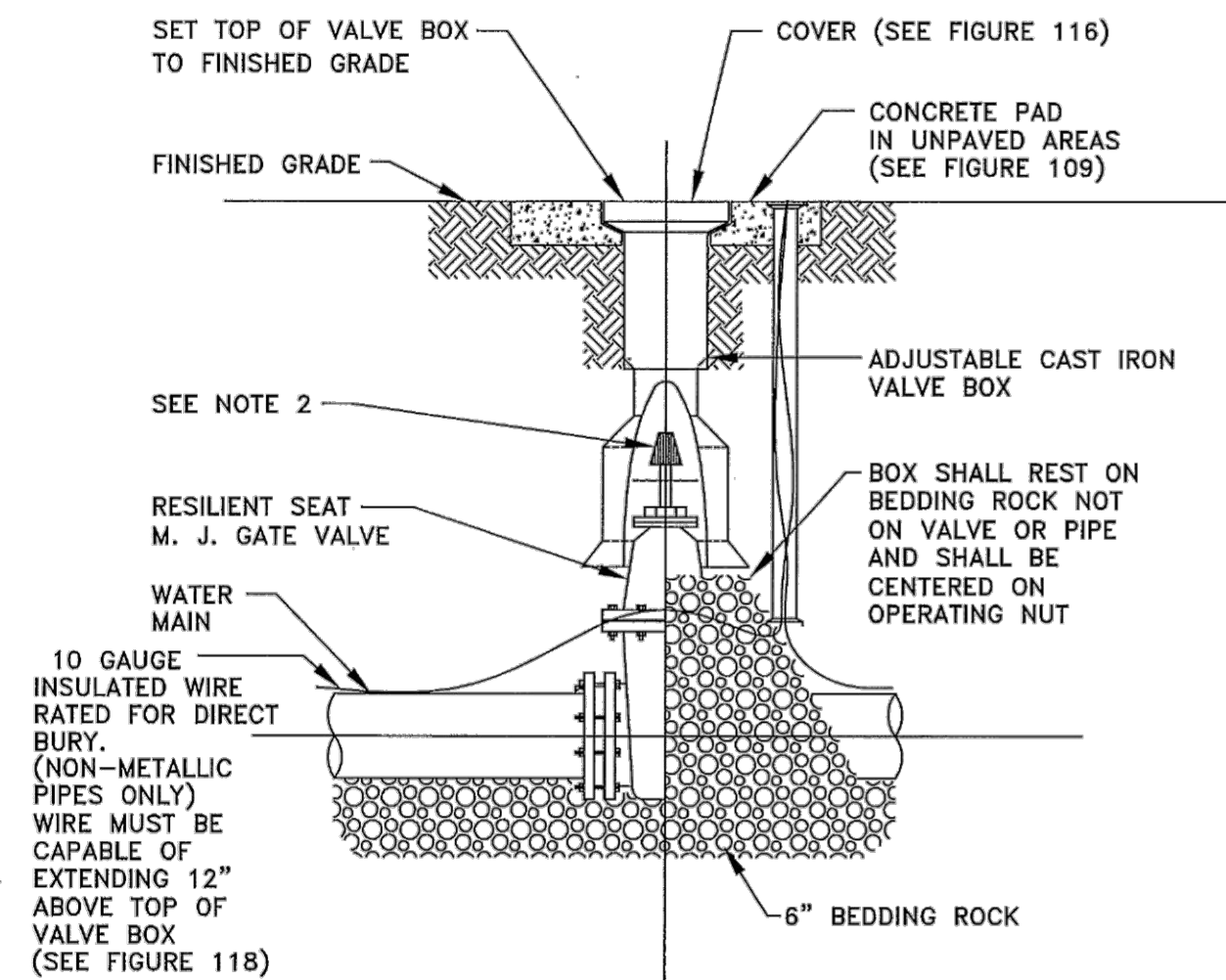


SERVICE LATERAL DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 204

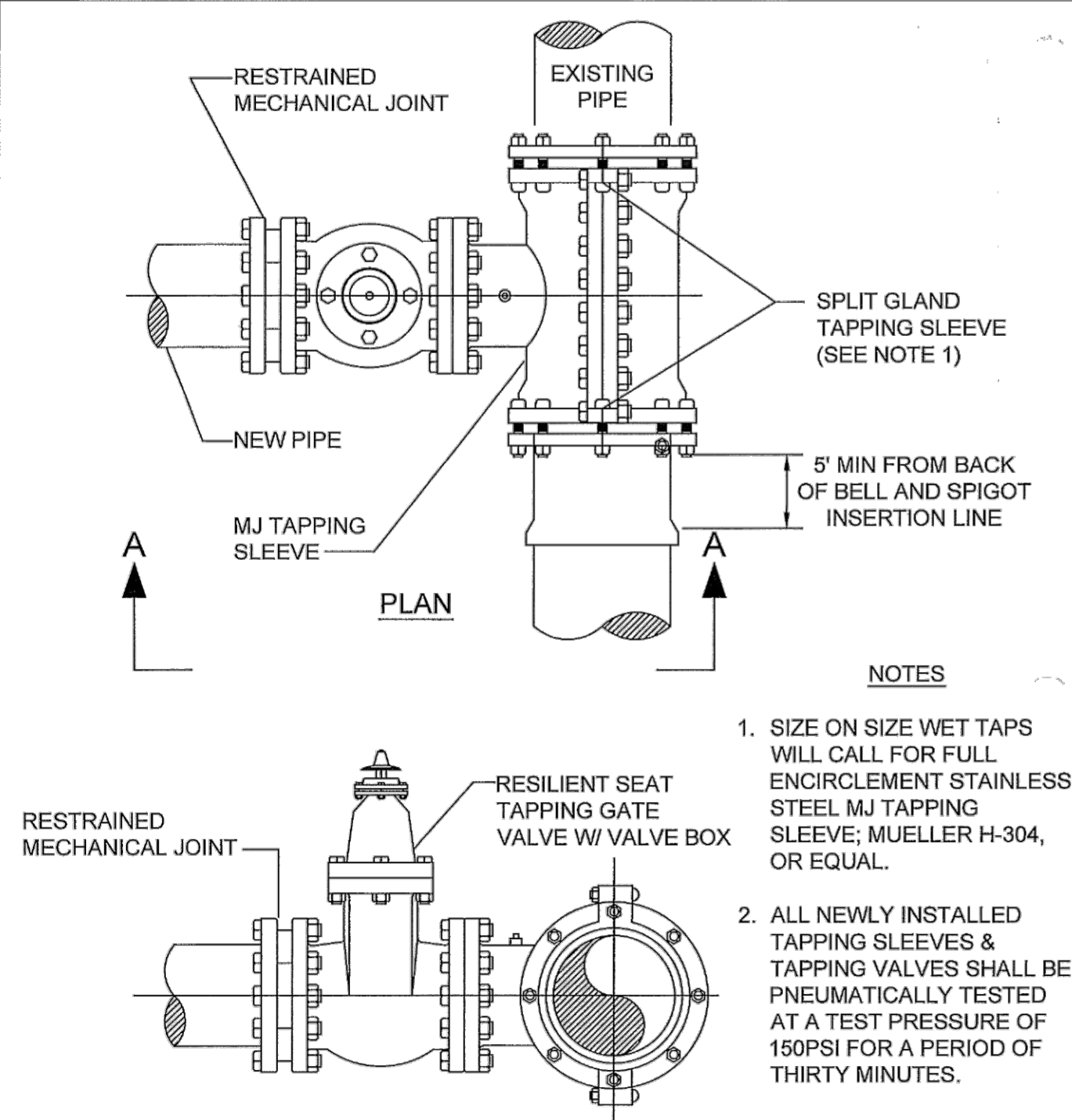


GATE VALVE AND BOX DETAIL

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FIG. 400

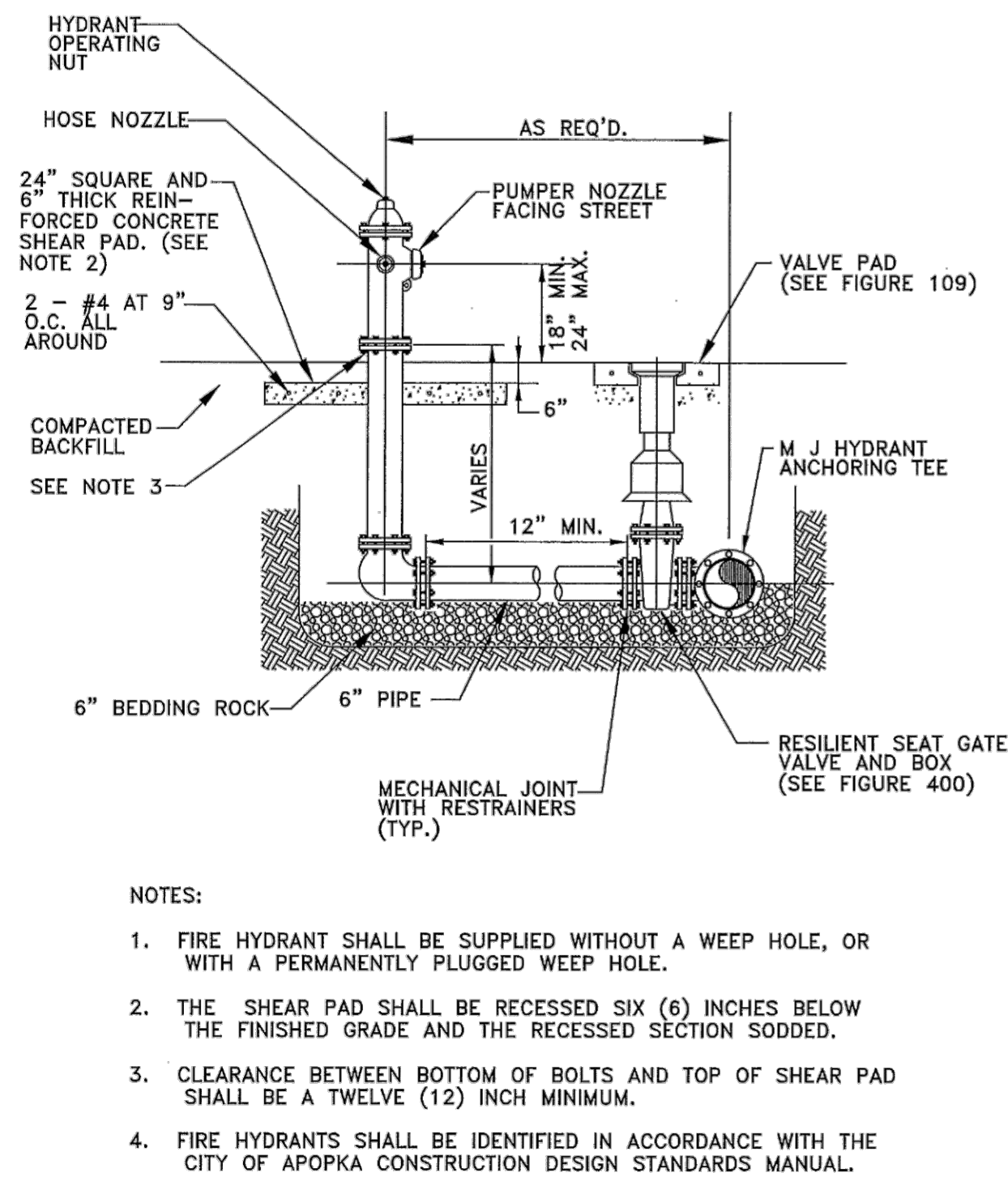


SECTION A-A
WATER AND RECLAIMED WATER MAINS
WET TAP TIE-IN DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 406

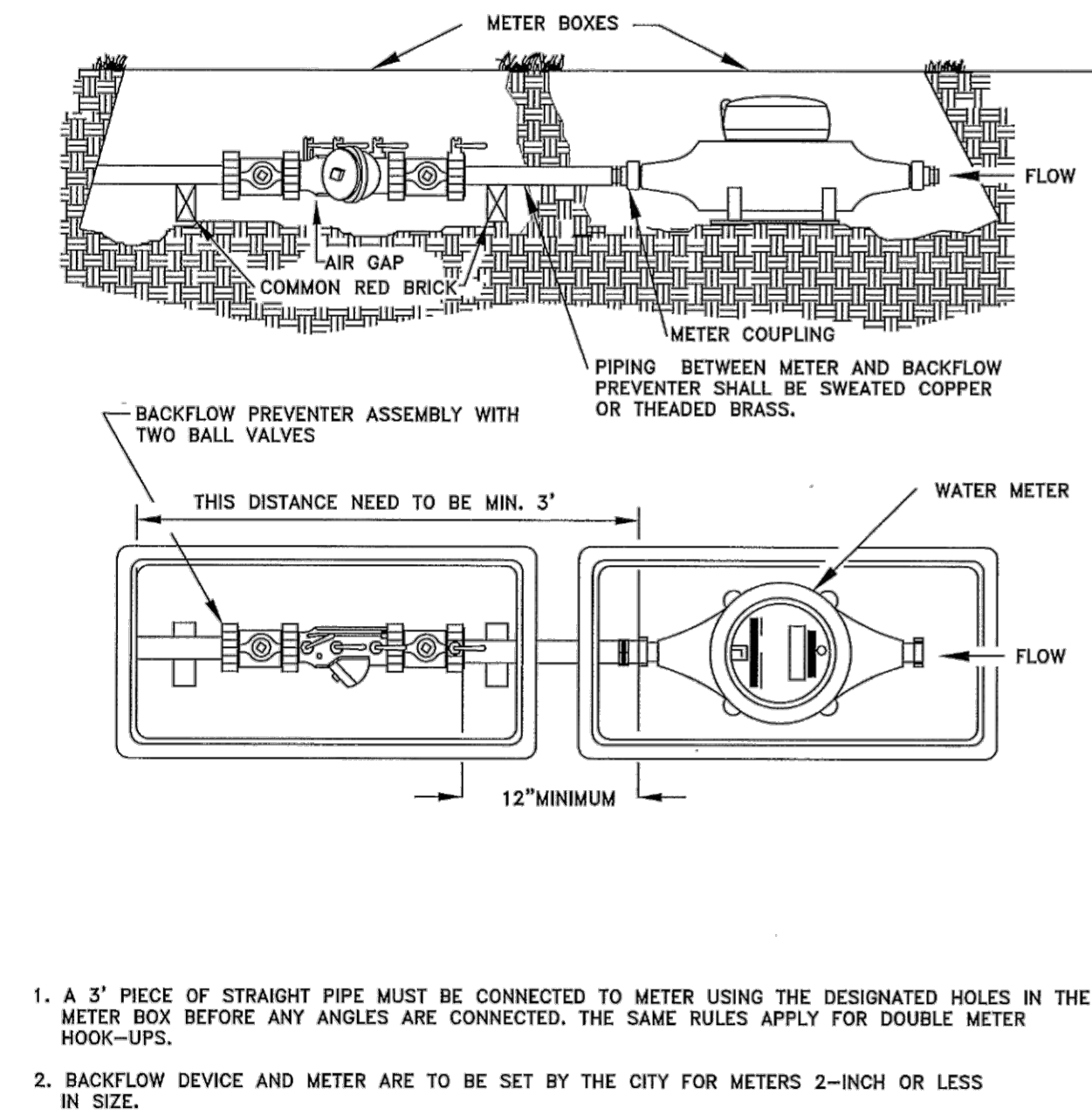


FIRE HYDRANT ASSEMBLY DETAIL

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FIG. 402

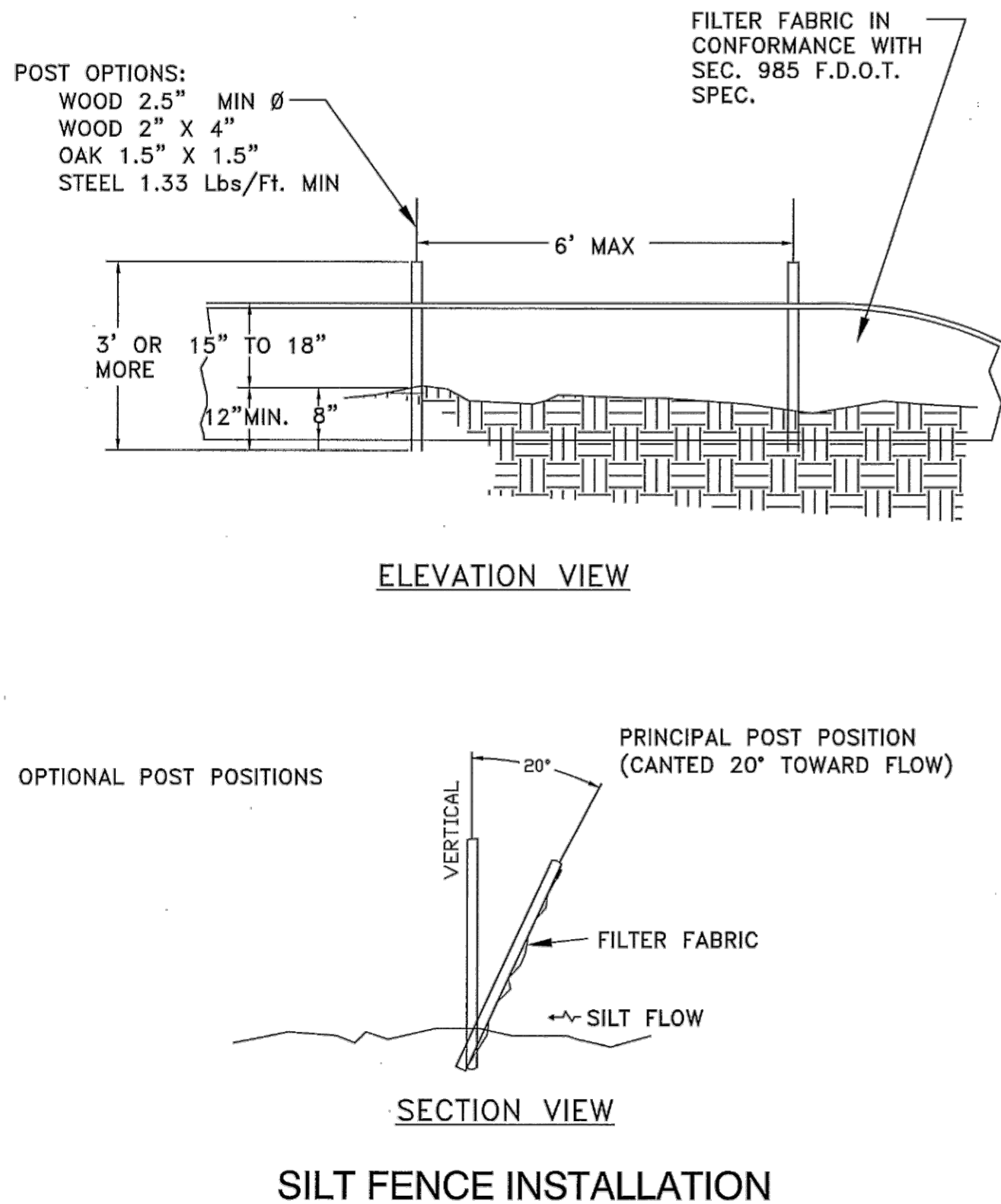


POTABLE WATER SERVICE DETAIL
FOR LOTS SERVED WITH RECLAIMED WATER

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 505

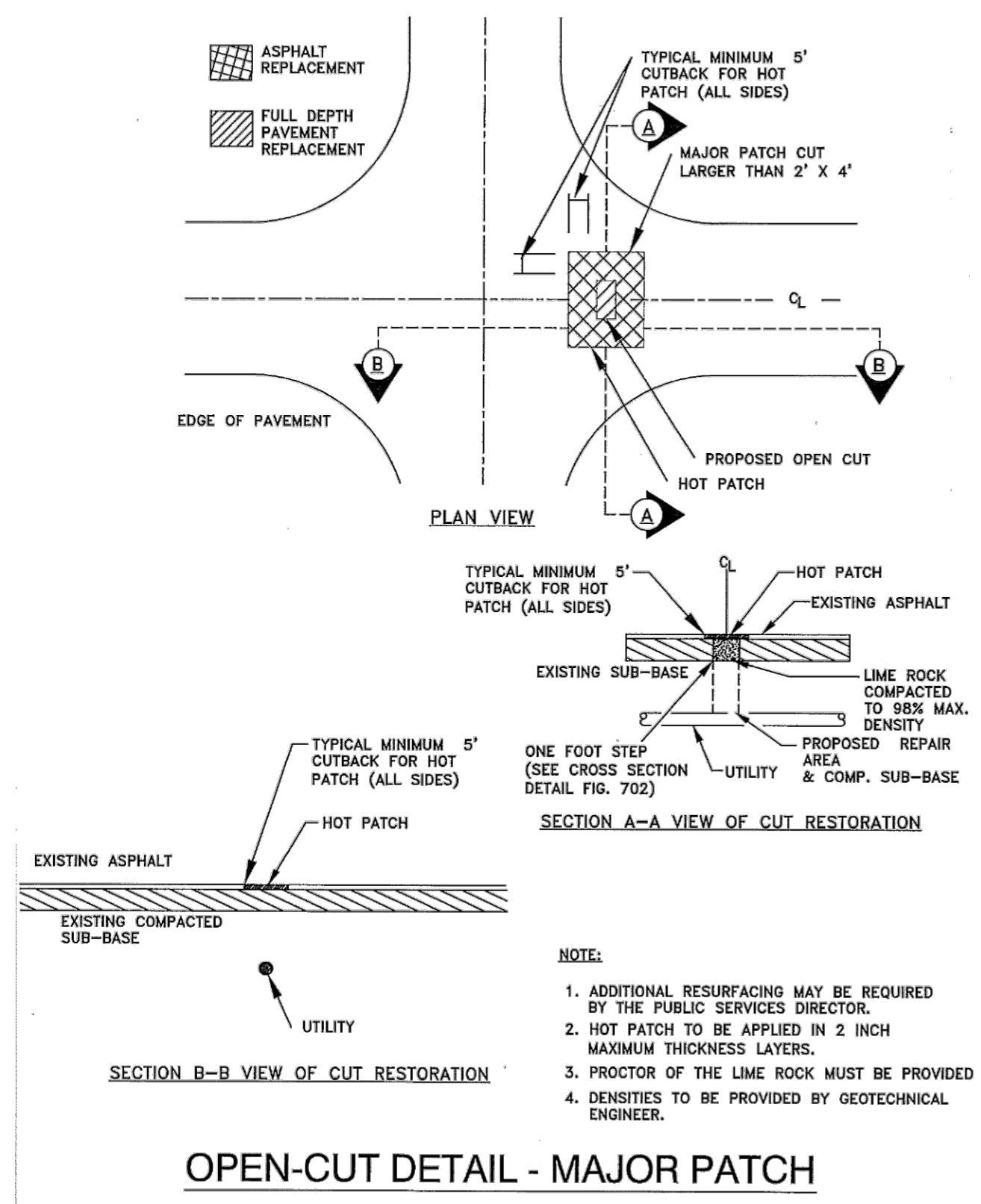


SILT FENCE INSTALLATION

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2014

FIG. 602

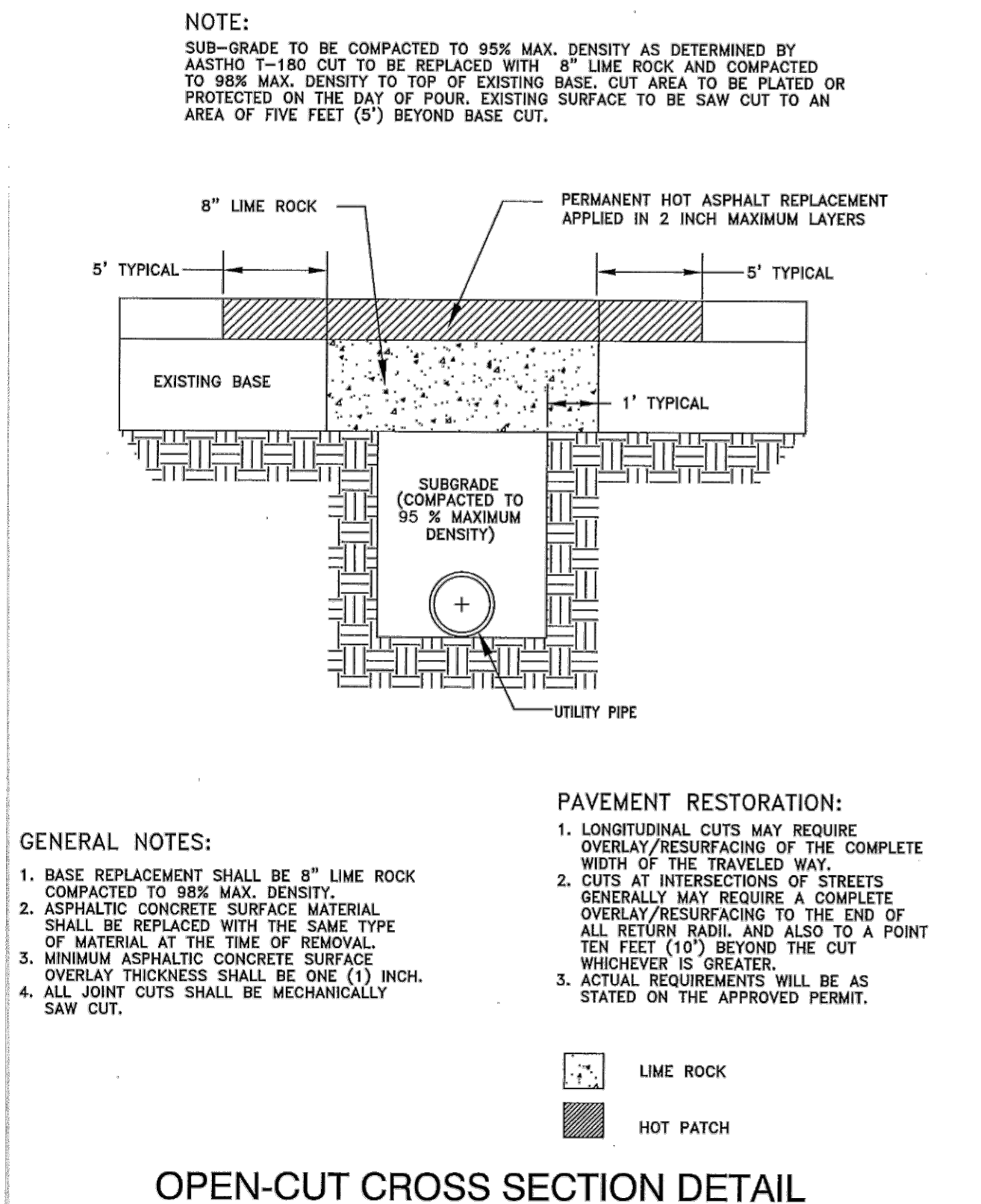


OPEN-CUT DETAIL - MAJOR PATCH

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2015

FIG. 701



OPEN-CUT CROSS SECTION DETAIL

CITY OF APOPKA
DESIGN ENGINEERING DIVISION

JANUARY 2015

FIG. 702

THE RIDGE
S BINION RD, APOPKA, FL

DETAIL SHEET

PROJECT
NAME

SHEET
NAME

SHEET NO.
C-10

WILLIAM EDWARD CONSTRUCTION

CivilCorp Engineering, Inc.
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