

THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING "RELEASED FOR CONSTRUCTION" DRAWINGS FROM REBOL-BATTLE & ASSOCIATES BEFORE BEGINNING CONSTRUCTION. REBOL-BATTLE & ASSOCIATES WILL NOT BE RESPONSIBLE FOR ANY CONSTRUCTION BASED ON PLANS THAT HAVE NOT BEEN RELEASED FOR CONSTRUCTION.

PROFESSIONAL SURVEYOR AND MAPPER

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TELEPHONE 850.438.0400

CIVIL ENGINEER
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REBOL-BATTLE & ASSOCIATES, LLC
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PENSACOLA, FL 32503
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CONSTRUCTION PLANS FOR FALLSCHASE AT PATHSTONE PHASE 1

A RESUBDIVISION OF PARCEL 1 OF FALLSCHASE AT PATHSTONE, AN UNRECORDED SUBDIVISION HIGHWAY 90 ESCAMBIA COUNTY, FLORIDA

July 18, 2019

RBA PROJECT NO.: 2017.103

SITE INFORMATION	
OWNER:	PATHSTONE FL 2017 LLC 29891 WOODROW LN STE 300 SPANISH FORT, AL 36527
DEVELOPER:	PATHSTONE FL 2017 LLC 29891 WOODROW LN STE 300 SPANISH FORT, AL 36527
PROPERTY REFERENCE NO:	10-1S-31-1401-000-002
PROPERTY ADDRESS:	NINE MILE ROAD
PROPERTY AREA:	15.76 ACRES
PROJECT AREA:	15.76 ACRES
PROPERTY ZONING:	COMMERCIAL
FUTURE LAND USE:	MU-U
PROPOSED ACTIVITY:	SUBDIVISION
REQUIRED BUILDING SETBACKS COMMERCIAL:	FRONT YARD - 15 FT. SIDE YARD - 10 FEET OR 10% OF LOT WIDTH AT STREET R/W WHICHEVER IS LESS BUT NOT LESS THAN 5' REAR YARD - 15 FT.

FEMA FLOOD INSURANCE RATE MAP INFORMATION

THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETAILED BY FEMA FIRM (FLOOD INSURANCE RATE MAP) INFORMATION DESCRIBED BELOW:

FLOOD ZONE(S)	COMMUNITY No.	MAP No.	PANEL No.	SUFFIX	MAP REVISION DATE
AE & X	120080	12033C	290	G	SEPT 29, 2006

CONTACTS

GULF POWER 5120 DOGWOOD DRIVE MILTON, FLORIDA 32570	CONTACT: CHAD SWAILS PHONE: 850.429.2446 FAX: 850.429.2432
COX CABLE 3405 McLEMORE DR. PENSACOLA, FLORIDA 32514	CONTACT: TROY YOUNG PHONE: 850.857.4510 FAX: 850.475.0621
ECUA 9255 STURDEVANT ST. PENSACOLA, FLORIDA 32514	CONTACT: JACOB KEARLEY, P.E. PHONE: 850.969.5823
ENERGY SERVICES GAS 1625 ATWOOD DRIVE PENSACOLA, FLORIDA 32504	CONTACT: DIANE MOORE PHONE: 850.474.5319 FAX: 850.474.5331
AT&T, INC. 605 W. GARDEN STREET PENSACOLA, FLORIDA 32501	CONTACT: JONATHAN BLANKINSHIP PHONE: 850.436.1489
ESCAMBIA COUNTY PUBLIC WORKS 3363 WEST PARK PLACE PENSACOLA, FLORIDA 32501	CONTACT: MRS. JOHNNY PETTIGREW PHONE: 850.595.3404
MCI	PHONE: 800.624.9675
SUNSHINE UTILITIES	PHONE: 800.432.4770

Utility addendums must be submitted prior to roadway construction.
Only conventional steel RCP is acceptable under County roadways and curb lines. All pipes within County ROW's shall be a minimum 18" diameter, shall have a minimum 1foot of cover, and shall be watertight prior to acceptance and at the end of the 2-year warranty/compliance period.

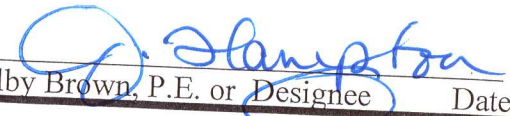
DRAINAGE FEE

Imperv. Surf. 84,679 Sq ft

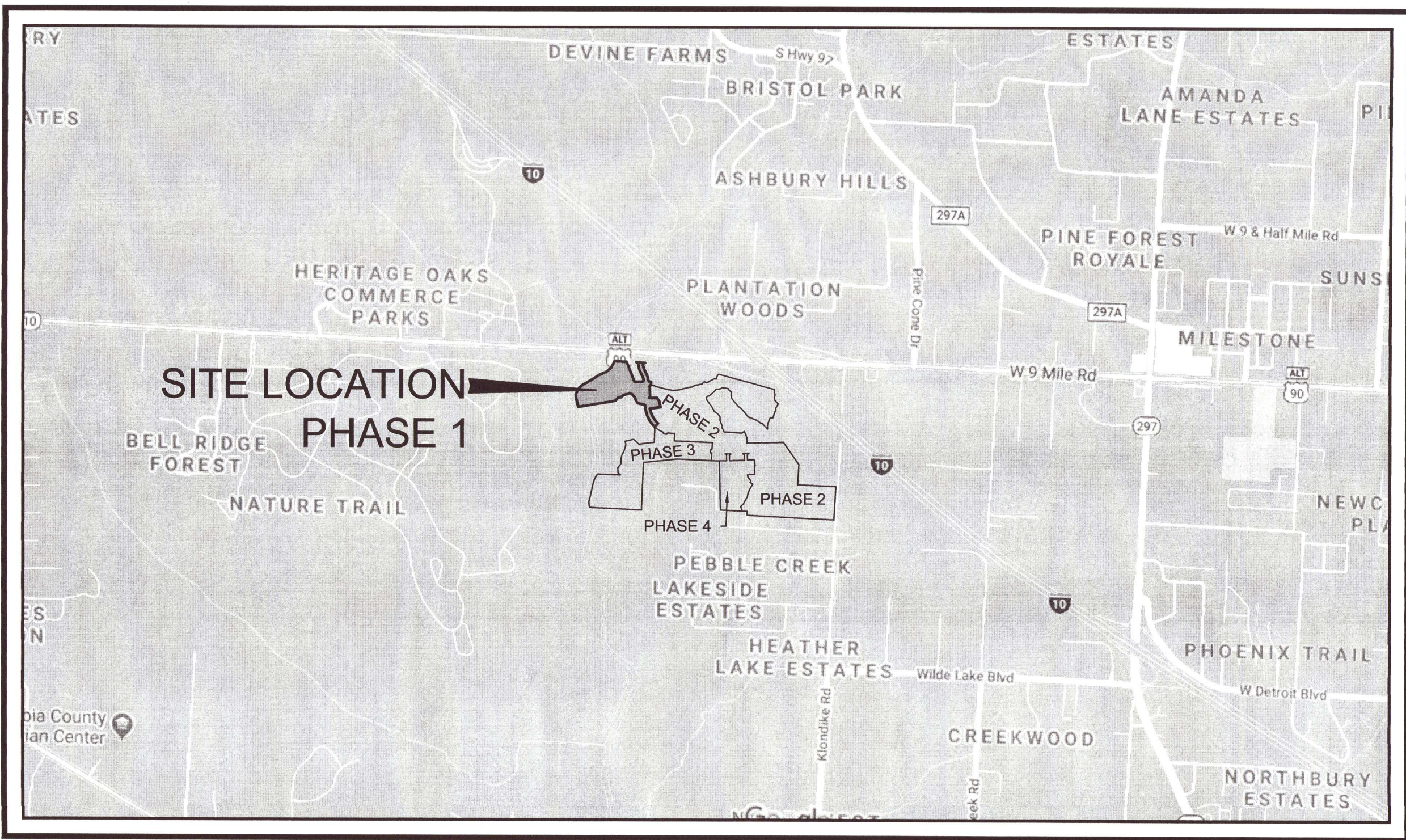
Stormwater Ret. 0.10% (F)

Total Drainage Fee \$ 423.40

Pond Maint. Fee: MSBU

Approved  7/24/19
Colby Bratton, P.E. or Designee Date

This document has been reviewed in accordance with requirements of applicable Escambia County Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor, or other signatory from responsibility of details as drawn.



VICINITY MAP

SCALE: 1" = 2000'



REBOL-BATTLE & ASSOCIATES

Civil and Environmental Engineers

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400
Fax 850.438.0448
EB 00009657 LB 7916

ECUA ENGINEERING MANUAL REFERENCE NOTE*

*NOTES SHALL BE INSERTED IN THE UPPER RIGHT CORNER OF TITLE SHEET
*APPLICABLE ONLY TO ECUA INFRASTRUCTURE TO BE CONSTRUCTED IN PUBLIC ROW OR IN UTILITY EASEMENT; NOT TO BE APPLIED TO PRIVATE WATER/SEWER FACILITIES ON PRIVATE PROPERTY (SEE BUILDING CODE)

A. ECUA ENGINEERING MANUAL INCORPORATED BY REFERENCE

THE ECUA ENGINEERING MANUAL, DATED DECEMBER 18, 2014, ALONG WITH UPDATE # 1 DATED SEPTEMBER 1, 2016 (HEREINAFTER "MANUAL"), LOCATED AT WWW.ECUA.FL.GOV, IS HEREBY INCORPORATED BY REFERENCE INTO THIS PROJECT'S OFFICIAL CONTRACT DOCUMENTS AS IF FULLY SET FORTH THEREIN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE KNOWLEDGEABLE OF THE MANUAL'S CONTENTS AND TO CONSTRUCT THE PROJECT IN ACCORDANCE WITH THE MANUAL. THE CONTRACTOR SHALL PROVIDE ITS EMPLOYEES ACCESS TO THE MANUAL AT ALL TIMES, VIA PROJECT SITE OR OFFICE, VIA DIGITAL OR PAPER FORMAT. IN THE EVENT OF A CONFLICT BETWEEN THE MANUAL AND PLANS, CONTRACTOR SHALL CONSULT ENGINEER OF RECORD FOR PROPER RESOLUTION.

B. ADDITIONAL DOCUMENTS (TO BE COMPLETED BY THE ENGINEER OF RECORD)

DOES THIS PROJECT HAVE ADDITIONAL TECHNICAL SPECIFICATIONS OR CONSTRUCTION DETAILS THAT SUPERSEDE THE MANUAL LISTED ABOVE?

YES

NO

IF YES, CONTRACTOR SHALL CONSTRUCT PROJECT IN ACCORDANCE WITH SAID DOCUMENTS AS LISTED AND LOCATED BELOW:

DOCUMENT NAME	DOCUMENT TYPE		LOCATION	
	SPECIFICATION	DETAIL	PLANS	PROJECT MANUAL*

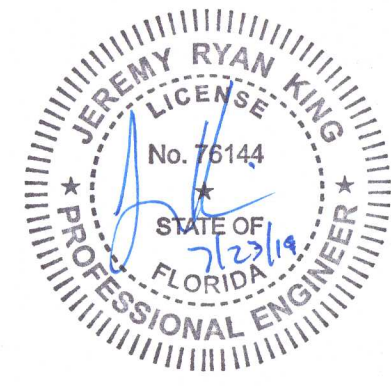
*PROJECT MANUALS USED ONLY WITH ECUA CIP PROJECTS

C. ENGINEER OF RECORD RESPONSIBILITIES

THE ENGINEERS OF RECORD (EORS) THAT HAVE AFFIXED THEIR SEALS AND SIGNATURES ON THESE PLANS WARRANT THEIR PORTIONS OF THE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE MANUAL (UNLESS OTHERWISE DIRECTED BY THE ECUA PROJECT ENGINEER). THE EORS SHALL BE KNOWLEDGEABLE OF THE MANUAL'S CONTENTS AND SHALL ASSUME RESPONSIBILITY FOR ITS USE ON THIS PROJECT.

INDEX OF DRAWINGS

- C1.0 ~ C1.2 EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN
- C1.3 EROSION CONTROL DETAILS
- C1.4 NPDES-STORMWATER POLLUTION PREVENTION PLAN
- C2.0 ~ C2.4 SITE LAYOUT AND DIMENSION PLAN
- C3.0 ~ C3.7 GRADING, DRAINAGE PLAN AND DETAILS
- C4.0 ~ C4.2 UTILITY PLAN
- LS-1 ~ LS-9 LIFT STATION PLANS
- C5.0 ~ C5.3 PLAN AND PROFILE
- C6.0 ~ C6.1 STORMWATER PLAN AND PROFILE
- C7.0 ~ C7.3 CROSS SECTIONS



LEGAL DESCRIPTION

DESCRIPTION: (PREPARED BY REBOL-BATTLE & ASSOCIATES)

COMMENCE AT THE NORTHEAST CORNER OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE PROCEED SOUTH 03°16'19" WEST ALONG THE EAST LINE OF SECTION 10 FOR A DISTANCE OF 2647.04 FEET TO THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SECTION 10; THENCE PROCEED NORTH 87°08'55" WEST ALONG THE SOUTH LINE OF THE NORTH HALF OF SAID SECTION 10 FOR A DISTANCE OF 4269.34 FEET A POINT HEREINAFTER REFERRED TO AS POINT "A"; THENCE DEPARTING SAID SOUTH LINE PROCEED NORTH 07°43'05" EAST FOR A DISTANCE OF 2546.64 FEET TO THE SOUTH RIGHT-OF-WAY (R/W) LINE OF NINE MILE ROAD (STATE ROAD NO. 10, R/W VARIES) AND TO A POINT HEREINAFTER REFERRED TO AS POINT "B"; THENCE PROCEED SOUTH 87°10'16" EAST ALONG SAID SOUTH R/W LINE FOR A DISTANCE OF 79.88 FEET 21.28 FEET; THENCE DEPARTING SAID SOUTH R/W LINE PROCEED SOUTH 21°30'53" EAST FOR A DISTANCE OF 365.82 FEET; THENCE PROCEED SOUTH 89°58'53" EAST FOR A DISTANCE OF 137.34 FEET TO A POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHWEST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 43.87 FEET (DELTA ANGLE = 100°31'52", CHORD DISTANCE = 38.45 FEET, CHORD BEARING = NORTH 39°45'10" EAST) TO THE POINT OF COMPOUND CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 260.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 104.52 FEET (DELTA ANGLE = 23°01'57", CHORD DISTANCE = 103.82 FEET, CHORD BEARING = NORTH 22°01'44" WEST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 340.00 FEET; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 184.05 FEET (DELTA ANGLE = 31°00'58", CHORD DISTANCE = 181.81 FEET, CHORD BEARING = NORTH 18°02'14" WEST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWEST, SAID CURVE HAVING A RADIUS OF 35.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 51.70 FEET (DELTA ANGLE = 84°38'31", CHORD DISTANCE = 47.13 FEET, CHORD BEARING = NORTH 44°51'01" WEST) TO THE AFORESAID SOUTH R/W LINE; THENCE PROCEED SOUTH 87°10'16" EAST ALONG SAID SOUTH R/W LINE FOR A DISTANCE OF 151.10 FEET TO A NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEAST, SAID CURVE HAVING A RADIUS OF 35.00 FEET; THENCE DEPARTING SAID SOUTH R/W LINE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 60.45 FEET (DELTA ANGLE = 98°57'13", CHORD DISTANCE = 53.21 FEET, CHORD BEARING = SOUTH 43°21'07" WEST) TO A POINT OF COMPOUND CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 260.00 FEET; THENCE PROCEED SOUTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 124.43 FEET (DELTA ANGLE = 27°25'13", CHORD DISTANCE = 123.25 FEET, CHORD BEARING = SOUTH 19°50'06" EAST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWEST, SAID CURVE HAVING A RADIUS OF 340.00 FEET; THENCE PROCEED SOUTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 159.07 FEET (DELTA ANGLE = 26°48'20", CHORD DISTANCE = 157.62 FEET, CHORD BEARING = SOUTH 20°08'32" EAST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 36.32 FEET (DELTA ANGLE = 83°14'31", CHORD DISTANCE = 33.21 FEET, CHORD BEARING = SOUTH 48°21'38" EAST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 89°58'54" EAST FOR A DISTANCE OF 20.95 FEET; THENCE PROCEED SOUTH 00°01'06" WEST FOR A DISTANCE OF 50.00 FEET TO A NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEAST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 40.55 FEET (DELTA ANGLE = 92°55'44", CHORD DISTANCE = 36.25 FEET, CHORD BEARING = SOUTH 43°33'13" WEST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 02°54'39" EAST FOR A DISTANCE OF 194.47 FEET; THENCE PROCEED SOUTH 88°14'12" EAST FOR A DISTANCE OF 119.33 FEET; THENCE PROCEED SOUTH 35°48'43" EAST FOR A DISTANCE OF 72.36 FEET; THENCE PROCEED SOUTH 11°54'25" EAST FOR A DISTANCE OF 105.47 FEET; THENCE PROCEED SOUTH 82°17'35" WEST FOR A DISTANCE OF 187.83 FEET TO A NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 430.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 293.93 FEET (DELTA ANGLE = 39°09'54", CHORD DISTANCE = 288.24 FEET, CHORD BEARING = SOUTH 28°44'36" EAST); THENCE PROCEED SOUTH 41°40'27" WEST FOR A DISTANCE OF 80.00 FEET TO A NON-TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEAST, SAID CURVE HAVING A RADIUS OF 510.00 FEET; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 404.25 FEET (DELTA ANGLE = 45°24'55", CHORD DISTANCE = 383.75 FEET, CHORD BEARING = NORTH 25°37'06" WEST); THENCE PROCEED NORTH 67°27'48" WEST FOR A DISTANCE OF 138.66 FEET; THENCE PROCEED NORTH 85°00'38" WEST FOR A DISTANCE OF 51.37 FEET; THENCE PROCEED NORTH 25°31'43" WEST FOR A DISTANCE OF 58.02 FEET; THENCE PROCEED NORTH 07°03'27" WEST FOR A DISTANCE OF 12.68 FEET; THENCE PROCEED NORTH 41°53'40" WEST FOR A DISTANCE OF 65.06 FEET; THENCE PROCEED NORTH 70°29'18" WEST FOR A DISTANCE OF 25.57 FEET; THENCE PROCEED SOUTH 62°23'15" WEST FOR A DISTANCE OF 31.15 FEET; THENCE PROCEED SOUTH 80°33'07" WEST FOR A DISTANCE OF 42.10 FEET; THENCE PROCEED SOUTH 67°25'38" WEST FOR A DISTANCE OF 29.35 FEET; THENCE PROCEED SOUTH 52°14'38" WEST FOR A DISTANCE OF 56.63 FEET; THENCE PROCEED SOUTH 81°56'16" WEST FOR A DISTANCE OF 48.08 FEET; THENCE PROCEED SOUTH 37°43'48" WEST FOR A DISTANCE OF 33.48 FEET; THENCE PROCEED SOUTH 81°02'51" WEST FOR A DISTANCE OF 685.50 FEET; THENCE PROCEED NORTH 18°58'58" WEST FOR A DISTANCE OF 66.62 FEET; THENCE PROCEED NORTH 15°08'58" WEST FOR A DISTANCE OF 76.62 FEET; THENCE PROCEED NORTH 08°20'10" WEST FOR A DISTANCE OF 67.47 FEET; THENCE PROCEED NORTH 23°10'33" EAST FOR A DISTANCE OF 75.28 FEET; THENCE PROCEED NORTH 31°58'55" EAST FOR A DISTANCE OF 72.14 FEET; THENCE PROCEED NORTH 53°54'48" EAST FOR A DISTANCE OF 62.72 FEET; THENCE PROCEED NORTH 59°03'49" EAST FOR A DISTANCE OF 194.76 FEET; THENCE PROCEED NORTH 57°48'30" EAST FOR A DISTANCE OF 146.03 FEET; THENCE PROCEED NORTH 67°58'08" EAST FOR A DISTANCE OF 128.60 FEET; THENCE PROCEED NORTH 49°02'28" EAST FOR A DISTANCE OF 114.10 FEET; THENCE PROCEED NORTH 28°52'03" EAST FOR A DISTANCE OF 123.87 FEET TO THE AFORESAID SOUTH R/W LINE AND THE POINT OF BEGINNING.

LYING IN AND BEING A PORTION OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA, AND CONTAINING 15.76 ACRES MORE OR LESS.

BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	51.37	N 65°00'38" W
L2	58.02	N 28°31'43" W
L3	16.13	N 7°03'27" W
L4	54.49	N 39°40'08" W
L5	34.95	N 73°03'24" W
L6	25.56	S 71°37'59" W
L7	38.91	S 70°31'07" W
L8	28.81	S 76°01'57" W

BOUNDARY LINE TABLE		
Line #	Length	Direction
L9	61.35	S 53°50'06" W
L10	47.13	S 81°03'44" W
L11	36.53	S 40°37'19" W
L12	66.62	N 16°38'34" W
L13	76.62	N 15°05'58" W
L14	67.47	N 8°20'10" W
L15	75.28	N 23°10'33" E
L16	72.14	N 31°58'55" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L17	62.72	N 53°54'48" E
L18	194.76	N 59°03'49" E
L19	146.03	N 57°48'30" E
L20	128.60	N 67°58'08" E
L21	114.10	N 49°02'29" E
L22	123.87	N 28°52'03" E

BOUNDARY CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C1	11.71	25.00	26°50'29"	11.60	S 71°44'48" E
C2	46.03	25.00	105°29'37"	39.80	N 42°05'09" E
C3	103.85	260.00	22°53'04"	103.16	N 22°06'11" W
C4	184.05	340.00	31°00'58"	181.81	N 18°02'14" W
C5	51.70	35.00	84°38'31"	47.13	N 44°51'01" W
C6	60.45	35.00	98°57'13"	53.21	S 43°21'07" W
C7	124.43	260.00	27°25'14"	123.25	S 19°50'06" E
C8	159.07	340.00	26°48'20"	157.62	S 20°08'32" E
C9	36.32	25.00	83°14'31"	33.21	S 48°21'38" E
C10	40.55	25.00	92°55'44"	36.25	S 43°33'13" W
C11	293.93	430.00	39°09'54"	288.24	S 28°44'36" E
C12	474.25	510.00	45°24'55"	303.75	N 25°37'06" W

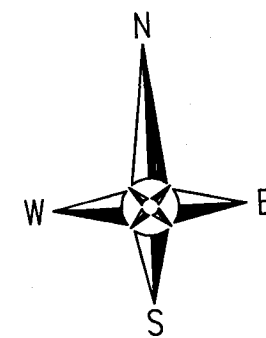
TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-275	LAUREL OAK 19	PROTECT
T-279	LAUREL OAK 20.5	PROTECT
T-280	BAY 19	PROTECT
T-281	BAY 18	PROTECT
T-282	WATER OAK 24	PROTECT
T-286	LIVE OAK 21	PROTECT
T-287	BAY 18	PROTECT
T-288	BAY 21	PROTECT
T-289	POPLAR 17	PROTECT
T-290	BAY 17	PROTECT
T-291	POPLAR 29.5	PROTECT
T-292	POPLAR 16	PROTECT
T-293	POPLAR 26.5	PROTECT
T-294	POPLAR 23	PROTECT
T-295	BAY 18.5	PROTECT

GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.
2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.
3. THE LOCATION OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
4. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, SANITARY SEWER GAS, TELEPHONE, CABLE TELEVISION, AND POWER COMPANIES 10 DAYS IN ADVANCE THAT HE INTENDS TO START WORK IN A SPECIFIED AREA. THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER PIPES, GAS PIPES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE OR RIGHT-OF-WAY.
5. SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL UNDERGROUND STRUCTURES, WHICH ARE NOT IN SERVICE AS NECESSARY FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. THESE INCLUDE PIPES, VALVES, DRAINAGE STRUCTURES, ETC., AS INDICATED ON THE CONTRACT PLANS. CONTRACTOR SHALL NOTIFY THE PROJECT OWNER AND ENGINEER OF ALL DISCOVERED UNDERGROUND STRUCTURES WHICH ARE IN CONFLICT WITH THE INSTALLATION OF THE PROPOSED IMPROVEMENTS AND ARE NOT INDICATED ON THE CONTRACT PLANS OR LOCATED IN THE FIELD BY UTILITIES IN ACCORDANCE WITH GENERAL NOTES.
6. RELOCATION OF OBSTRUCTIONS OWNED BY PRIVATE PROPERTY OWNERS, SUCH AS MAIL BOXES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO MUST COORDINATE WITH THE PROPERTY OWNER.

7. THE CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS AND GUARDS DURING ALL PHASES OF CONSTRUCTION, IN ACCORDANCE WITH APPLICABLE FDOT INDEX.
8. ALL AREAS, NOT PAVED, DISTURBED DURING CONSTRUCTION SHALL BE CLEANED OF DEBRIS AND CONSTRUCTION MATERIAL AND RAKED SMOOTH.
9. ALL EXCESS MATERIAL SHALL BE HAULED AWAY AND DISPOSED OF APPROPRIATELY AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR SHALL VISIT SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE EXTENT OF CLEARING & GRUBBING REQUIRED.
11. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
12. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR PROTECTION/HOLDING OF UTILITY POLES, GUY WIRES, AND GUY ANCHORS IN AREAS OF CONSTRUCTION. CONTRACTOR SHALL INCLUDE THE COST OF PROTECTING UTILITY POLES IN THEIR OVERALL PRICE TO THE OWNER.
13. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.
14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.
15. THERE ARE NO HERITAGE TREES LOCATED IN THIS PHASE.
16. CONSERVATION EASEMENTS SHALL REMAIN IN THEIR NATURAL STATE AND AS CONDITIONED WITHIN THE GUIDELINES OUTLINED WITHIN THE RECORDED EASEMENT. WETLANDS, BUFFERS AND MERS NOT PERMITTED FOR IMPACTS OR WITHIN EASEMENTS SHALL REMAIN IN THEIR NATURAL STATE. EASEMENTS MAY BE IMPACTED IN ACCORDANCE WITH THE INTENDED USE OF THE EASEMENT.

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
TBM NO.1	NAIL AND DISK SET	569087.2640	1073545.7589	39.58'
TBM NO.2	NAIL AND DISK SET	569131.7534	1074186.1723	53.58'
TBM NO.3	NAIL AND DISK SET	569089.9764	1074699.3937	78.75'
TBM NO.6	NAIL AND DISK SET	568418.3549	1074044.2635	51.47'
TBM NO.7	NAIL AND DISK SET	568200.3382	1073827.6523	52.08'

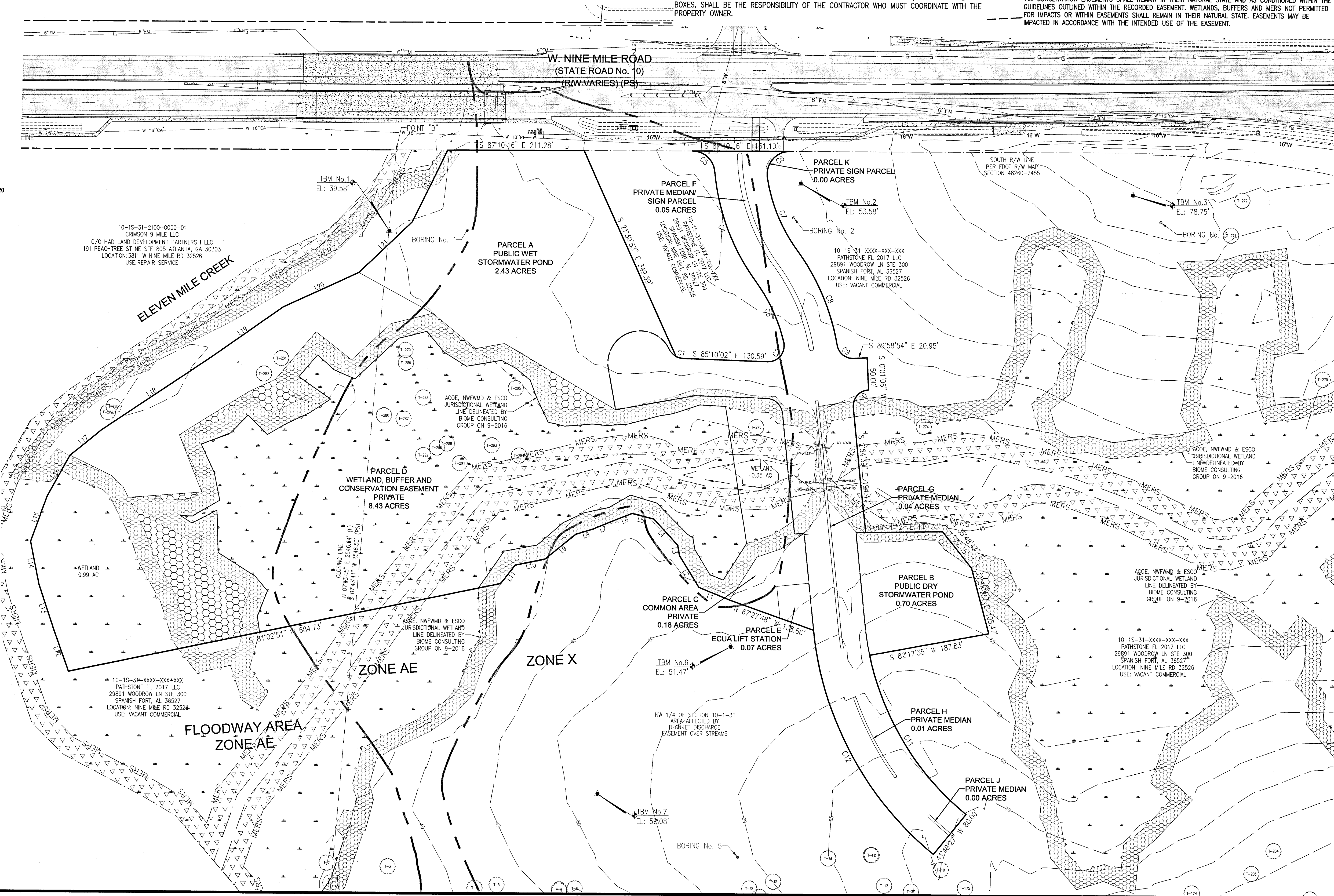


HORIZONTAL SCALE



LEGEND

	EXISTING ASPHALT
	EXISTING CONCRETE
	JURISDICTIONAL WETLAND
	CONSERVATION EASEMENT
	30' MERS BUFFER
	25' WETLAND BUFFER
	ADDITIONAL WETLAND BUFFER
	DEMOLITION
	DEMOLITION LINE
	BOUNDARY LINE
	LOT LINE
	RIGHT-OF-WAY LINE
	WATER LINE
	SEWER LINE (GRAVITY)
	SEWER FORCE MAIN
	OVERHEAD UTILITIES
	BURIED TELEPHONE LINE
	GAS LINE
	BURIED FIBER OPTIC CABLE
	JURISDICTIONAL WETLAND LINE
	MERS LINE
	EXISTING CONTOUR
	STRAW BALE
	SILT FENCE
	BENCHMARK
	SOIL BORING
	UTILITY POLE
	GUY ANCHOR
	LIGHT POLE
	TELEPHONE JUNCTION BOX
	FIBER OPTIC CABLE MARKER
	WATER VALVE
	FIRE HYDRANT



REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32505
Telephone: 904.650.4343
Fax: 904.650.4344

OVERALL EXISTING SITE PLAN

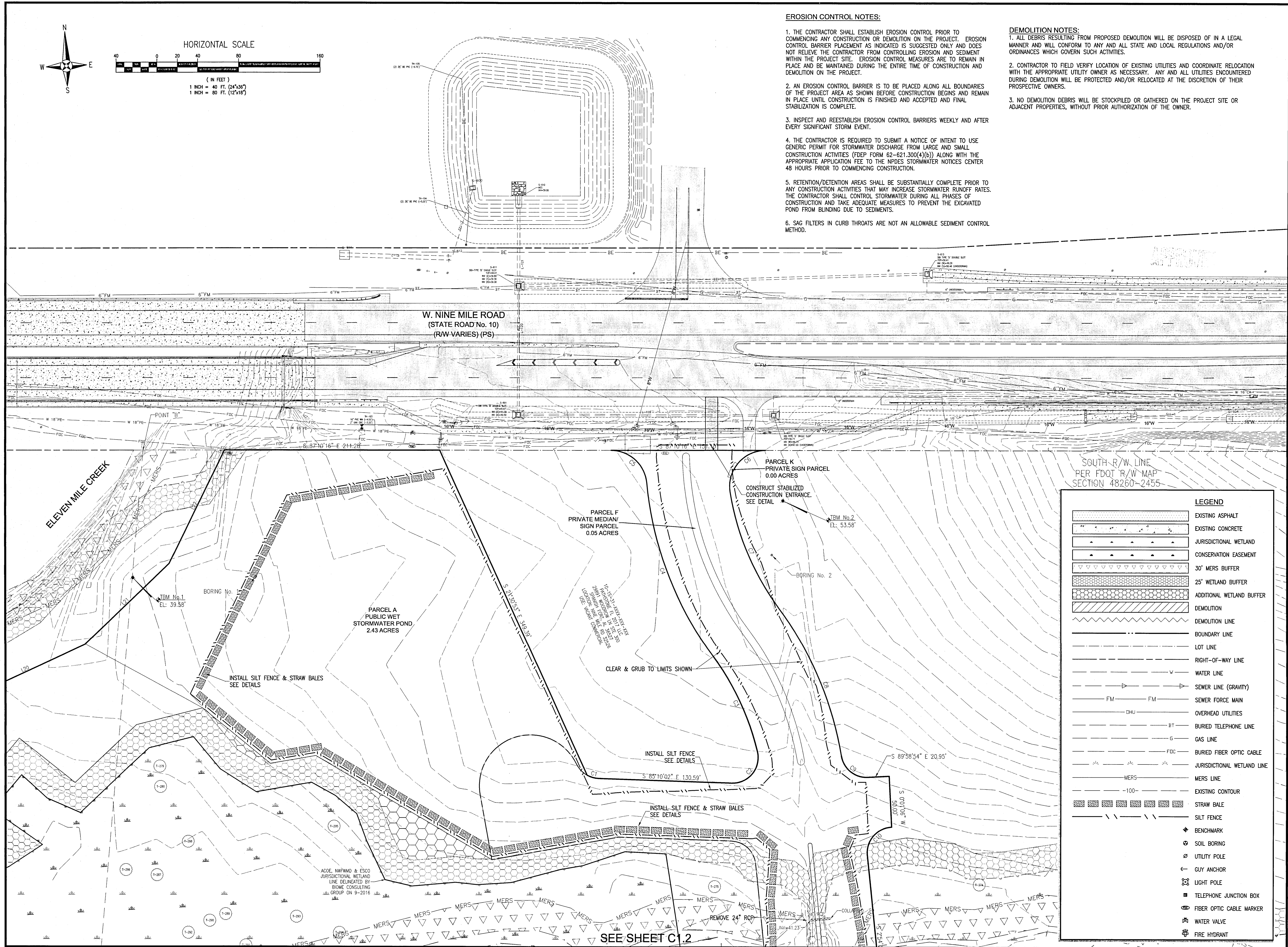
Fallschase at Pathstone A 0 Lot Subdivision Phase 1 9 Mile Road ESCAMBIA COUNTY, FLORIDA

REVISION	
No.	DATE

SEAL
CONSTRUCTION PLANS
No. 1641
JAN 19 2017
STATE OF
FLORIDA
JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.
C1.0
SHEET 2 OF 32



EROSION CONTROL NOTES:

1. THE CONTRACTOR SHALL ESTABLISH EROSION CONTROL PRIOR TO COMMENCING ANY CONSTRUCTION OR DEMOLITION ON THE PROJECT. EROSION CONTROL BARRIER PLACEMENT AS INDICATED IS SUGGESTED ONLY AND DOES NOT RELIEVE THE CONTRACTOR FROM CONTROLLING EROSION AND SEDIMENT WITHIN THE PROJECT SITE. EROSION CONTROL MEASURES ARE TO REMAIN IN PLACE AND BE MAINTAINED DURING THE ENTIRE TIME OF CONSTRUCTION AND DEMOLITION ON THE PROJECT.
2. AN EROSION CONTROL BARRIER IS TO BE PLACED ALONG ALL BOUNDARIES OF THE PROJECT AREA AS SHOWN BEFORE CONSTRUCTION BEGINS AND REMAIN IN PLACE UNTIL CONSTRUCTION IS FINISHED AND ACCEPTED AND FINAL STABILIZATION IS COMPLETE.
3. INSPECT AND REESTABLISH EROSION CONTROL BARRIERS WEEKLY AND AFTER EVERY SIGNIFICANT STORM EVENT.
4. THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FDEP FORM 62-621.300(4)(b)) ALONG WITH THE APPROPRIATE APPLICATION FEE TO THE NPDES STORMWATER NOTICES CENTER 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.
5. RETENTION/DETENTION AREAS SHALL BE SUBSTANTIALLY COMPLETE PRIOR TO ANY CONSTRUCTION ACTIVITIES THAT MAY INCREASE STORMWATER RUNOFF RATES. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION AND TAKE ADEQUATE MEASURES TO PREVENT THE EXCAVATED POND FROM BLINDING DUE TO SEDIMENTS.
6. SAG FILTERS IN CURB THROATS ARE NOT AN ALLOWABLE SEDIMENT CONTROL METHOD.

DEMOLITION NOTES:

1. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES AND COORDINATE RELOCATION WITH THE APPROPRIATE UTILITY OWNER AS NECESSARY. ANY AND ALL UTILITIES ENCOUNTERED DURING DEMOLITION WILL BE PROTECTED AND/OR RELOCATED AT THE DISCRETION OF THEIR PROSPECTIVE OWNERS.
3. NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE OR ADJACENT PROPERTIES, WITHOUT PRIOR AUTHORIZATION OF THE OWNER.

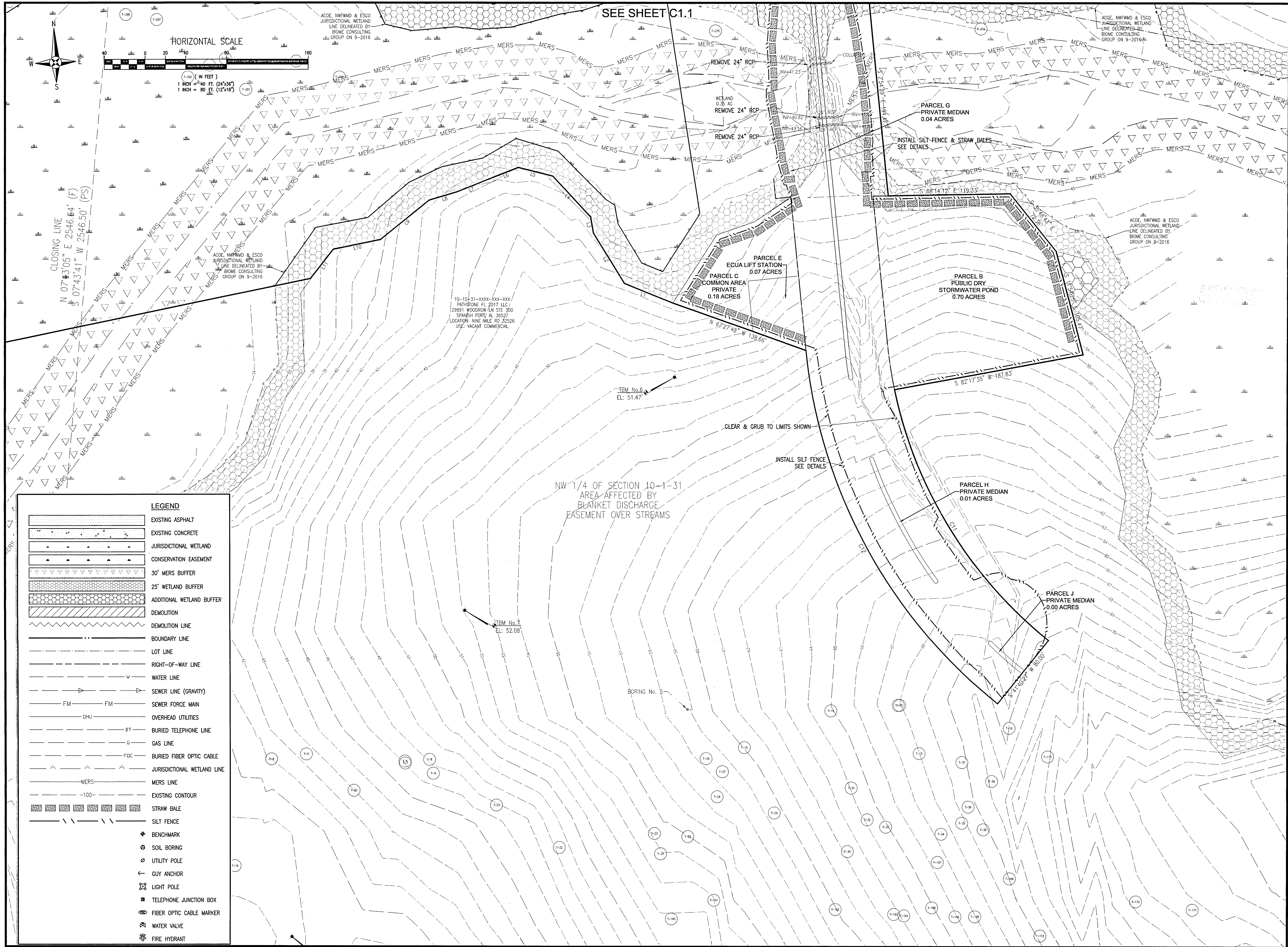
SOUTH R/W LINE
PER FDOT R/W MAP
SECTION 48260-2455

LEGEND	
	EXISTING ASPHALT
	EXISTING CONCRETE
	JURISDICTIONAL WETLAND
	CONSERVATION EASEMENT
	30' MERS BUFFER
	25' WETLAND BUFFER
	ADDITIONAL WETLAND BUFFER
	DEMOLITION
	DEMOLITION LINE
	BOUNDARY LINE
	LOT LINE
	RIGHT-OF-WAY LINE
	WATER LINE
	SEWER LINE (GRAVITY)
	SEWER FORCE MAIN
	OVERHEAD UTILITIES
	BURIED TELEPHONE LINE
	GAS LINE
	BURIED FIBER OPTIC CABLE
	JURISDICTIONAL WETLAND LINE
	MERS LINE
	EXISTING CONTOUR
	STRAW BALE
	SILT FENCE
	BENCHMARK
	SOIL BORING
	UTILITY POLE
	GUY ANCHOR
	LIGHT POLE
	TELEPHONE JUNCTION BOX
	FIBER OPTIC CABLE MARKER
	WATER VALVE
	FIRE HYDRANT

REVISION	DATE
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SEAL
CONSTRUCTION PLANS
JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
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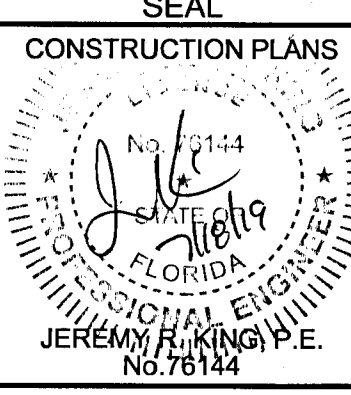


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ES 00009557

**EXISTING SITE, DEMOLITION
& EROSION CONTROL PLAN**

**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

No.	DATE	REVISION



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.
C1.2
SHEET 4 OF 32

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GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
3. PERMANENT VEGETATION TO BE SEEDDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 981, 982, 983, 985, & 987.

*5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS, IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.

*6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.

*7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).

*8. A CRUSHED LIMEROCK, VEHICLE WHEEL-CLEANING BLANKET SHALL BE INSTALLED AT THE CONTRACTOR'S STAGING YARD AND/OR STOCKPILE AREAS TO PREVENT OFF-SITE TRACKING OF SEDIMENT BY CONSTRUCTION VEHICLES ONTO PUBLIC ROADS. BLANKET SHALL BE 15FT. X 50FT. X 6IN. (MINIMUM), CRUSHED LIMEROCK 2 1/2 INCHES IN DIAMETER. SAID BLANKET SHALL BE UNDERLAIN WITH A FDOT CLASS 3 SYNTHETIC FILTER FABRIC AND MAINTAINED IN GOOD ORDER.

9. AT THE TIME WHEN THE SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER, SHALL BE REMOVED OR TREATED IN SUCH A WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.

*10. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.

11. UNFILTERED DEWATERING IS NOT PERMITTED. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER.

12. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET, TEMPORARY VEGETATION COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED IN ACCORDANCE WITH STATE STANDARDS FOR EROSION CONTROL.

13. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHTS-OF-WAY WILL BE REMOVED IMMEDIATELY.

14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFFSITE AS A RESULT OF CONSTRUCTION OF THE PROJECT.

15. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE NUMBER 2 (ABOVE).

16. THE SITE SHALL AT ALL TIMES BE GRADED AND MAINTAINED SUCH THAT ALL STORM WATER RUNOFF IS DIVERTED TO SOIL EROSION AND SEDIMENT CONTROL FACILITIES.

17. ALL SEDIMENTATION STRUCTURES SHALL BE INSPECTED AND MAINTAINED REGULARLY.

18. ALL CATCH BASIN INLETS SHALL BE PROTECTED WITH HAY BALES AS SHOWN ON DETAIL.

19. THE CONTRACTOR SHALL PREPARE A PLAN FOR THE PROPER DEWATERING AND DOWNSTREAM SILTATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.

20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

* WHERE APPLICABLE

TEMPORARY SEEDING DETAILS:

SEED BED PREPARATION:

SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS./ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

SEED MIXTURE

CONSISTING OF ANNUAL RYE (LOLIUM MULTIFLORUM) AT A RATE OF 174 LBS./ACRE.

PERMANENT SEEDING DETAILS:

SEED BED PREPARATION:

SOIL TO BE THOROUGHLY PULVERIZED BY DISK-HARROWING AND BE LOOSE AND REASONABLY SMOOTH. APPLY FERTILIZER AT A RATE OF 260 LBS./ACRE OF 16-16-16 OR EQUIVALENT, APPLY DOLOMITIC LIMESTONE AT A RATE OF 800 TO 1000 LBS./ACRE TO PROVIDE A SOIL pH OF 5.5 TO 6.5, LIME & FERTILIZER TO BE WORKED INTO THE TOPSOIL TO A DEPTH OF 4". ADD SANDY LOAM TOPSOIL TO A MINIMUM OF TWO (2) INCHES WHERE REQUIRED.

SEED MIXTURE CONSISTING OF:

	RATE	PURITY	GERMINATION
ARGENTINE BAHIA	260 LBS./AC.	95%	80%
PENSACOLA BAHIA	260 LBS./AC.	95%	40%(MIN.)-80%(TOTAL)

SODDING:

SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS COMMERCIALY CUT TO A MINIMUM DIMENSION OF 12" X 24" A MAXIMUM OF 72 HOURS PRIOR TO PLACEMENT. SOD SHALL BE LIVE, FRESH AND UNINJURED, REASONABLY FREE OF WEEDS AND OTHER GRASSES, WITH A HEAVY SOIL MAT ADHERING TO THE ROOT SYSTEM. SOD SHALL BE GROWN, CUT, AND SUPPLIED BY A STATE CERTIFIED GROWER.

TRAFFIC CONTROL STANDARDS:

1. CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, ESCAMBIA COUNTY HIGHWAY DEPARTMENT, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.

2. TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

TREE PROTECTION:

1. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".

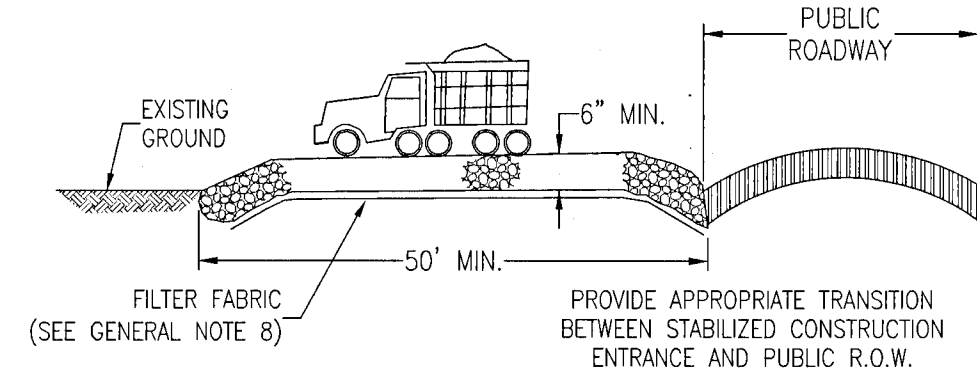
2. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

DUST CONTROL:

1. ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
2. DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST FOR THE ESTABLISHMENT OF PERMANENT VEGETATION COVER.
3. IN EVENT OF EMERGENCY CONDITIONS, TILLAGE WILL BE SATISFACTORY FREE BEFORE SOIL BLOWING STARTS.
4. CALCIUM CHLORIDE MAY BE APPLIED TO UNPAVED ROADWAY AREAS, ONLY, SUBJECT TO THE ENGINEER'S APPROVAL AND CONFORMANCE WITH FDOT STANDARD SPECIFICATIONS, SECTION 104, LATEST EDITION.

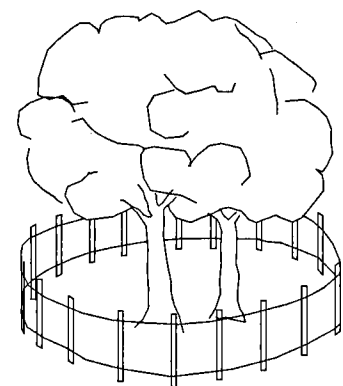
PROPOSED SEQUENCE OF CONSTRUCTION:

1. THE INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.
2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION IS TO BE PROPERLY PROTECTED AND IS TO REMAIN IN ITS NATURAL STATE. TOPSOIL IN AREAS TO BE DISTURBED IS TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM FROM OTHER EXCAVATED SOIL(S).
3. THE IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
4. PERFORM ALL DEMOLITION WORK.
5. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.
6. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).
7. COMPLETE STORMWATER PONDS.
8. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESPREAD STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
9. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.



STABILIZED CONSTRUCTION ENTRANCE DETAIL

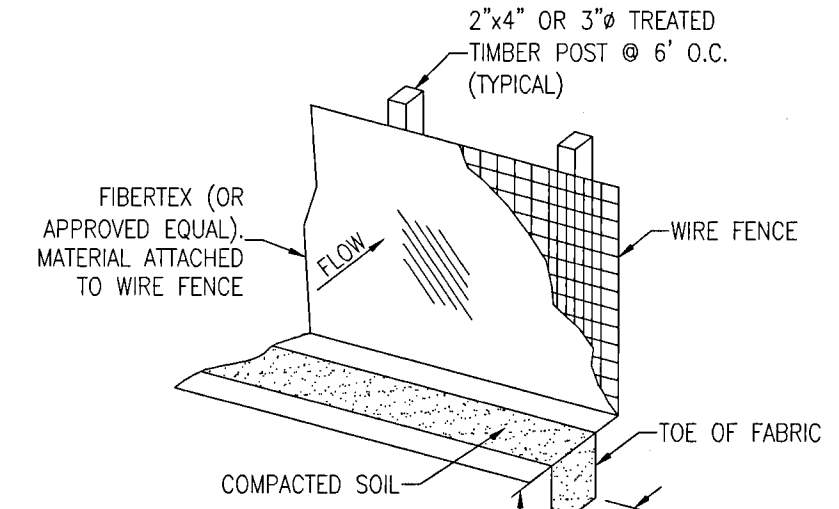
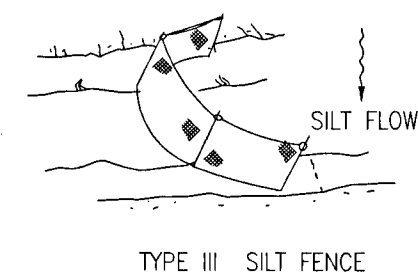
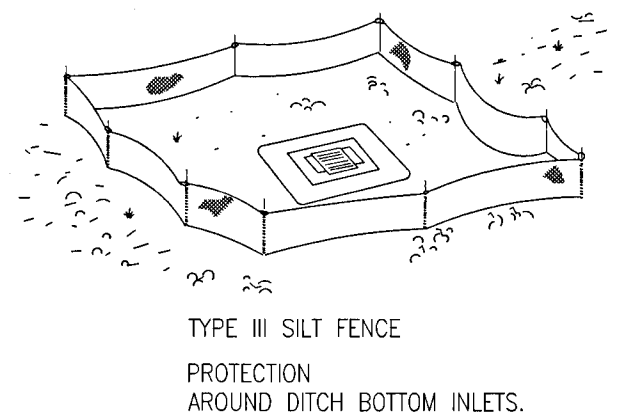
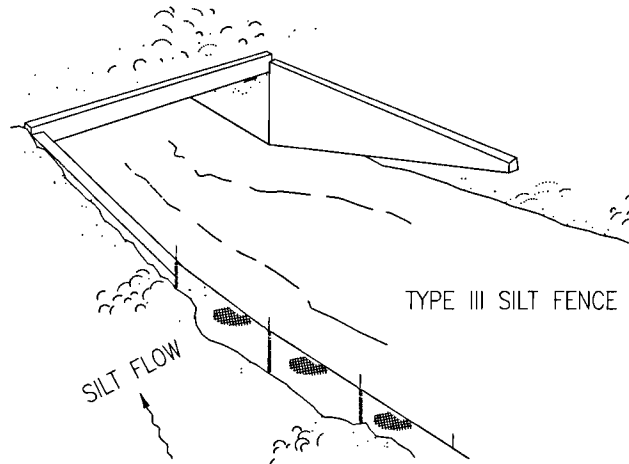
N.T.S.



NOTE:
ALL PROTECTED TREES AS SHOWN ON THE PLANS TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL INSTALL ORANGE CONSTRUCTION FENCING AT THE DRIP LINE OF EACH PROTECTED TREE BEFORE WORKING IN THE VICINITY OF THE TREE.

TREE BARRICADE DETAIL

N.T.S.



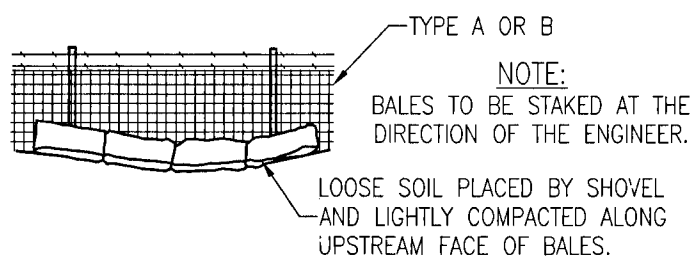
SILT FENCE DETAIL

N.T.S.

SILT FENCE APPLICATIONS

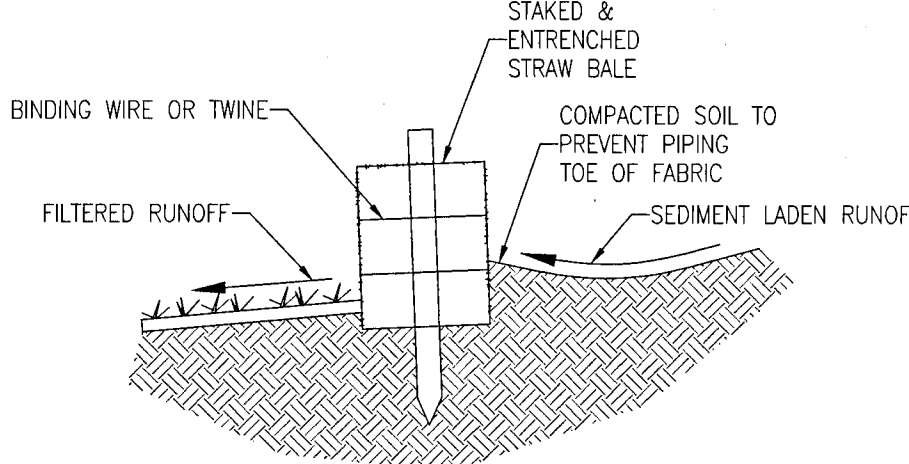
N.T.S.

DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT UPLAND LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.



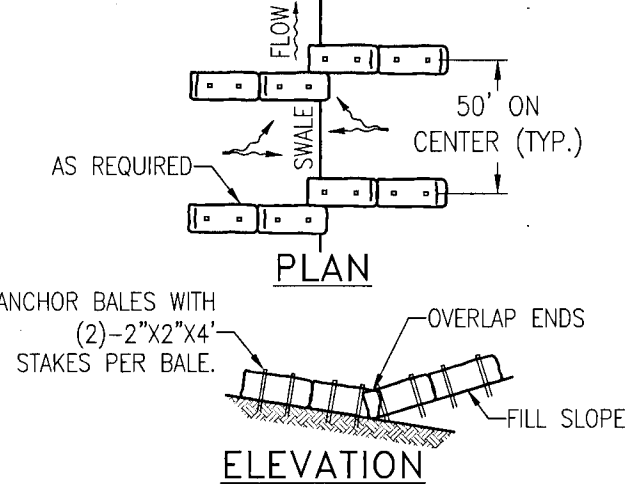
STRAW BALES BACKED BY FENCE

N.T.S.



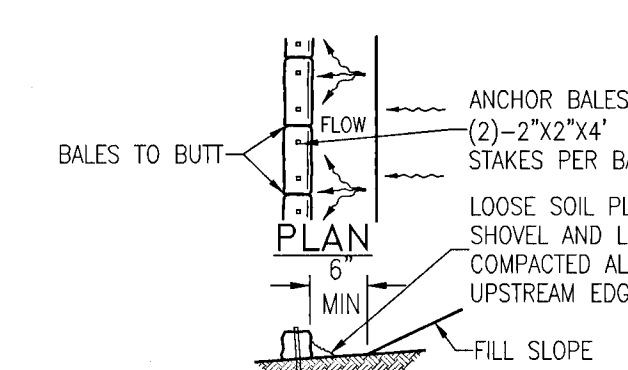
STRAW BALE DETAIL

N.T.S.



ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE

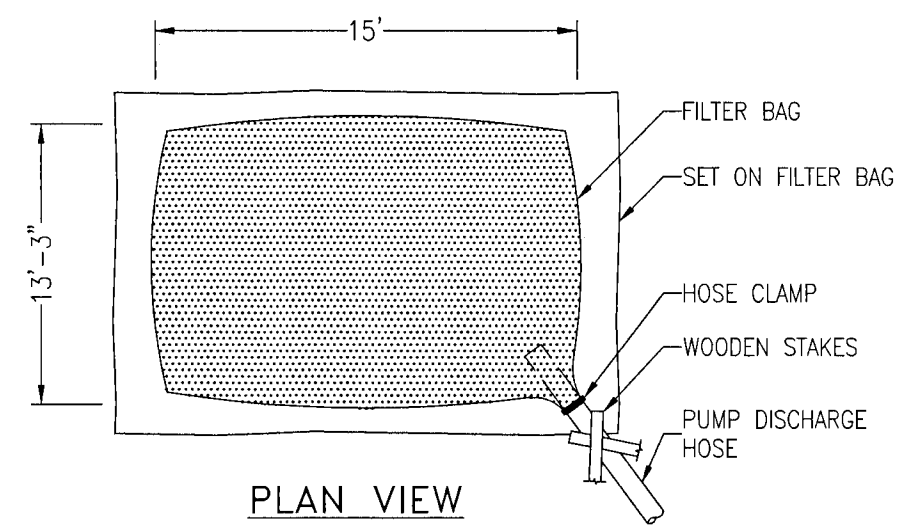


ELEVATION

TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES AWAY FROM THE TOE OF SLOPE

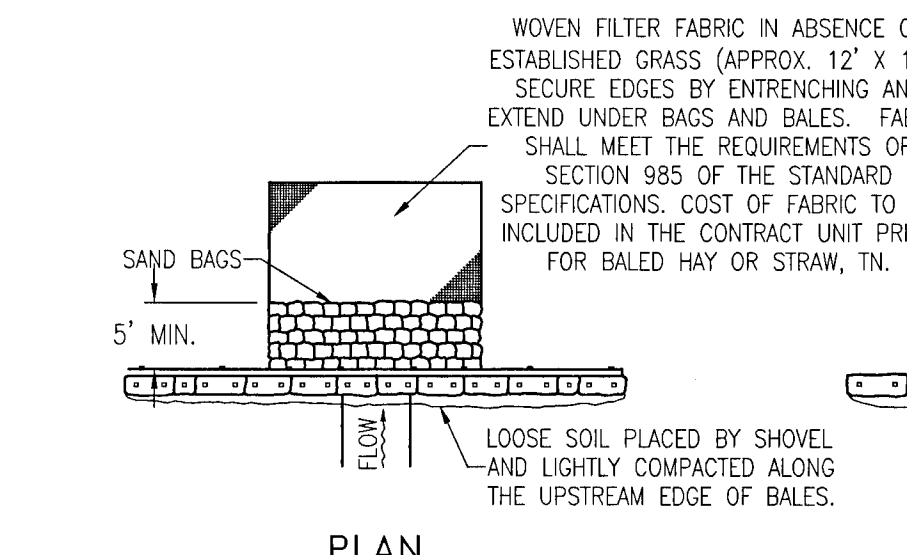
BARRIERS FOR FILL SLOPES

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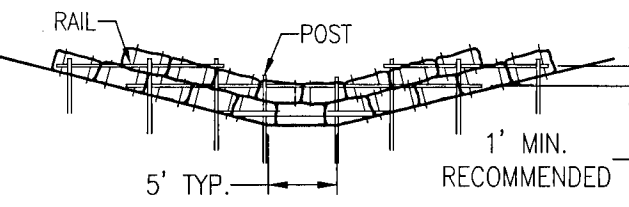


FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS

N.T.S.



ELEVATION



ELEVATION

ANCHOR LOWER BALES WITH 2 - 2"x2"x4" STAKES PER BALE. ANCHOR TOP BALES TO LOWER BALES WITH 2 - 2"x2"x4" STAKES PER BALE.

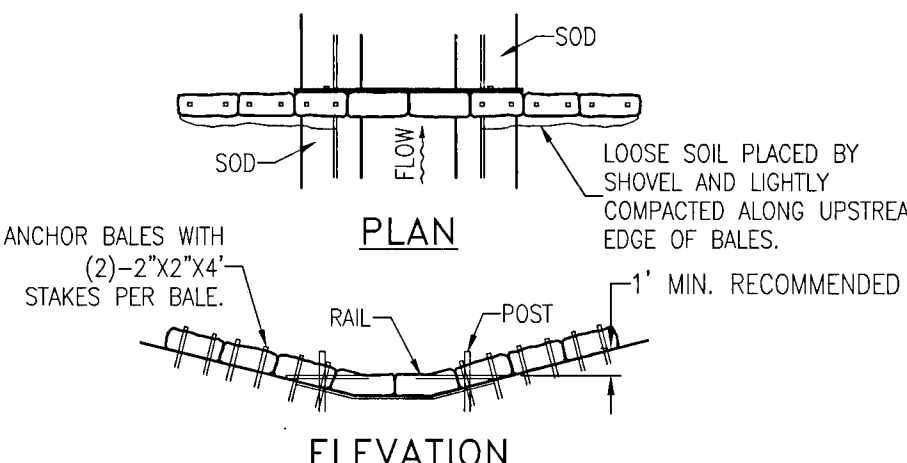
ELEVATION

APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART 1, SHEET 1 OF 3, INDEX NO. 102

TYPE II

BARRIER FOR UNPAVED DITCH

N.T.S.

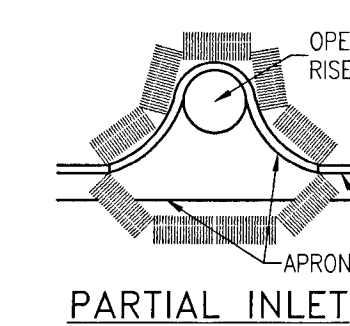


ELEVATION

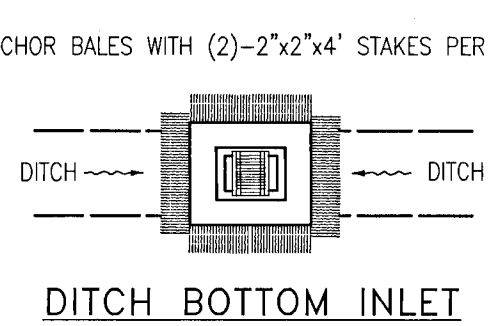
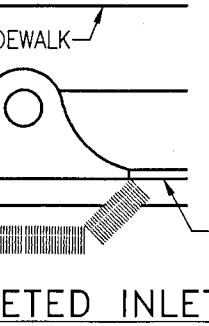
SPACING: BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

N.T.S.

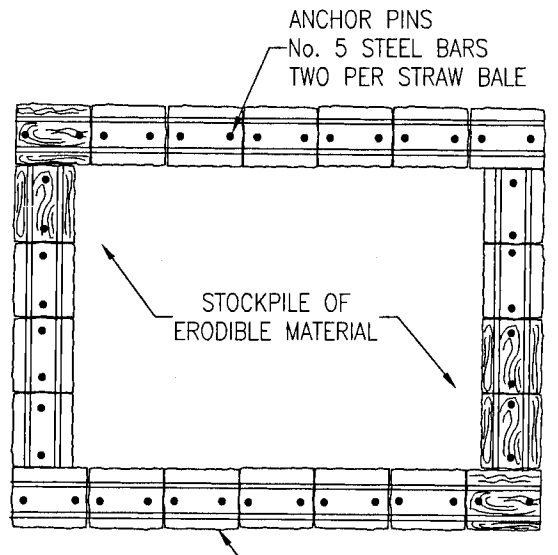


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



MATERIAL STOCKPILE DETAIL

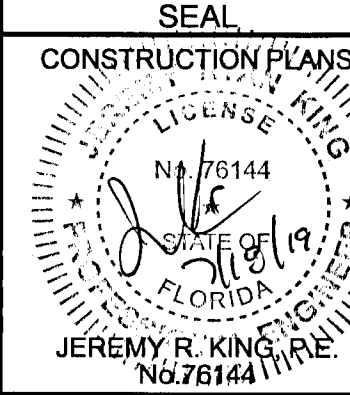
N.T.S.



EROSION CONTROL DETAILS

Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION	DATE	BY	NO.



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.

C1.3
SHEET 5 OF 32

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STORM WATER POLLUTION PREVENTION PLAN

1.0 BACKGROUND & REQUIREMENTS:

1.1 INTRODUCTION:

THE REFERENCED SUPPORT DOCUMENTATION FOR THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) IS THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY'S (EPA) STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES SUMMARY GUIDANCE (EPA 833-R-92-001) AND STORM WATER MANAGEMENT FOR CONSTRUCTION ACTIVITIES, DEVELOPING POLLUTION PREVENTION PLANS AND BEST MANAGEMENT PRACTICES (EPA 832-R-92-005). THIS SWPPP IS DESIGNED TO PROTECT ONSITE AND ADJACENT NATURAL RESOURCES, INCLUDING BUT NOT LIMITED TO, WETLANDS, MARSHES, BAYOUS AND BAYS, WHILE PRESERVING WILDLIFE AND ARCHEOLOGICAL RESOURCES.

AN ENVIRONMENTAL RESOURCE PERMIT APPLICATION WILL BE SUBMITTED TO THE NWFWD JUNE 2018

1.2 NOTICE OF INTENT (NOI):

RULE 62-621.300(4), FAC REQUIRES THE CONSTRUCTION OPERATOR OF A SITE THAT DISTURBS ONE OR MORE ACRES TO OBTAIN COVERAGE FROM THE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF INTENT TO USE GENERIC PERMIT FOR STORMWATER DISCHARGE FROM LARGE AND SMALL CONSTRUCTION ACTIVITIES (FDEP FORM 62-621.300(4)(B)) ALONG WITH THE APPROPRIATE APPLICATION FEE TO THE FOLLOWING ADDRESS 48 HOURS PRIOR TO COMMENCING CONSTRUCTION:

NPDES STORMWATER NOTICES CENTER, MS # 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

THIS FORM CAN BE OBTAINED FROM FDEP'S WEBSITE (WWW.FDEP.STATE.FL.US) OR BY CONTACTING FDEP. PLEASE NOTE THAT THE CURRENT APPLICATION FEE IS \$300; HOWEVER, THIS FEE IS SUBJECT TO CHANGE WITHOUT NOTICE. ALWAYS REFER TO THE MOST CURRENT VERSION OF RULE 62-4.050(4)(D), FAC TO CONFIRM THE AMOUNT BEFORE SUBMITTING PAYMENT. IF CONSTRUCTION ACTIVITY EXCEEDS FIVE YEARS, THE CONTRACTOR MUST RE-APPLY FOR COVERAGE.

1.3 STORMWATER POLLUTION PREVENTION PLAN (SWPPP):

THE CONTRACTOR IS REQUIRED TO CERTIFY THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BELOW PRIOR TO SUBMITTING THE NOI. THIS SWPPP IS NOT REQUIRED TO BE SUBMITTED WITH THE NOI, BUT IS REQUIRED TO BE KEPT ON SITE DURING ALL PHASES OF CONSTRUCTION. BECAUSE EROSION AND SEDIMENT CONTROLS AND CONSTRUCTION METHODS VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR, THE CONTRACTOR CAN PROPOSE ALTERNATIVE METHODS TO THIS SWPPP THAT ARE EQUAL OR BETTER AT CONTROLLING EROSION AND SEDIMENTATION. AT A MINIMUM, THE CONTRACTOR MUST FOLLOW THE EROSION CONTROL PLAN SPECIFIED IN THE CONSTRUCTION PLANS AND DOCUMENTS. ANY MODIFICATIONS TO THIS SWPPP MUST BE DOCUMENTED AND KEPT WITH THE PLAN AS PART OF THE RECORDS KEEPING PROCESS TO BE IN FULL COMPLIANCE WITH THE CGP.

1.4 CONTRACTOR'S / SUBCONTRACTOR CERTIFICATION:

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.

PRINT & SIGN NAME	COMPANY & ADDRESS
_____	_____
_____	_____
NAME & TITLE (PRINT)	_____
SIGNATURE	DATE

1.5 RESPONSIBLE AUTHORITY CERTIFICATION:

I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL GATHERED AND EVALUATED THE INFORMATION SUBMITTED. BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

PRINT & SIGN NAME	COMPANY & ADDRESS
_____	_____
NAME & TITLE (PRINT)	_____
SIGNATURE	DATE

1.6 NOTICE OF TERMINATION (NOT):

THE CONTRACTOR IS REQUIRED TO SUBMIT A NOTICE OF TERMINATION OF GENERIC PERMIT COVERAGE (FDEP FORM 62-621.300(6)) UPON CONSTRUCTION COMPLETION TO DISCONTINUE PERMIT COVERAGE. THE NOT IS TO BE SUBMITTED TO THE FOLLOWING ADDRESS:

NPDES STORMWATER NOTICES CENTER, MS # 2510
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
2600 BLAIR STONE ROAD
TALLAHASSEE, FLORIDA 32399-2400

THIS FORM CAN BE OBTAINED FROM FDEP'S WEBSITE (WWW.FDEP.STATE.FL.US) OR BY CONTACTING FDEP. THE NOT CAN NOT BE SUBMITTED UNTIL ALL DISTURBED SOILS AT THE CONSTRUCTION SITE HAVE BEEN FINALLY STABILIZED AND TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME. FINAL STABILIZATION MEANS THAT ALL SOIL DISTURBING ACTIVITIES AT THE SITE HAVE BEEN COMPLETED AND THAT A UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70 PERCENT OF THE COVER FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES HAS BEEN ESTABLISHED, OR EQUIVALENT STABILIZATION MEASURES HAVE BEEN EMPLOYED. IF CONSTRUCTION ACTIVITY EXCEEDS FIVE YEARS, THE CONTRACTOR MUST RE-APPLY FOR COVERAGE.

1.7 APPLICATION INFORMATION:

PROJECT ADDRESS:	NINE MILE ROAD PENSACOLA, FL 32526
LATITUDE:	N 30°32'01"
LONGITUDE:	W 87°20'30"
WATER MANAGEMENT DISTRICT:	NORTHWEST FLORIDA (NWFWD)
MS4 OPERATOR NAME:	ESCAMBIA COUNTY
RECEIVING WATER NAME:	ELEVEN MILE CREEK

2.0 SITE DESCRIPTION:

2.1 NATURE OF CONSTRUCTION ACTIVITIES:

THIS PROJECT INVOLVES THE CONSTRUCTION OF A PHASED RESIDENTIAL AND COMMERCIAL SUBDIVISION. CONSTRUCTION INCLUDES ROADS, UTILITIES AND STORMWATER COLLECTION SYSTEMS.

2.2 SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

THE FOLLOWING SEQUENCE OF MAJOR ACTIVITIES SHALL BE FOLLOWED UNLESS THE CONTRACTOR CAN PROPOSE AN ALTERNATIVE THAT IS EQUAL TO OR BETTER AT CONTROLLING EROSION AND SEDIMENTATION. THE DETAILED SEQUENCE FOR THE ENTIRE PROJECT CAN VARY SIGNIFICANTLY FROM CONTRACTOR TO CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING ANY CHANGES.

- CLEAR, GRUB AND PERFORM ALL DEMOLITION WORK.
- COMPLETE ROUGH GRADING OF THE POND AND DIRECT ALL STORMWATER RUNOFF TO THE POND(S).
- CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEM.
- CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS, AND LANDSCAPING).
- COMPLETE STORMWATER PONDS.

2.3 AREA ESTIMATES:

ONSITE AREA:	15.77 ACRES
OFFSITE AREA:	0 ACRES
TOTAL AREA:	15.77 ACRES
AREA TO BE DISTURBED:	5.25 ACRES

2.4 RUNOFF DATA:

RUNOFF COEFFICIENTS (C):

BEFORE:	TOTAL COMPOSITE C =	0.25
DURING:	VARIES BETWEEN =	0.20 AND 0.68
AFTER:	VARIES BETWEEN =	0.68

SOILS DATA:
THE SOILS LOCATED AT THE SITE ARE PREDOMINATELY VERY LOOSE TO LOOSE SLIGHTLY SILTY SANDS. GROUNDWATER WAS NOT ENCOUNTERED IN THE 15 FT TO 20 FT DEEP TEST BORING. FOR MORE DETAILED SOILS INFORMATION, REFER TO THE GEOTECHNICAL SERVICES REPORT PREPARED BY UNIVERSAL ENGINEERING SERVICES.

DRAINAGE AREAS FOR EACH OUTFALL:

OUTFALL LOCATION	TOTAL AREA FLOWING TO POND(S)	'C' COEFFICIENT
WEST BOUNDARY	42.15	0.68
EAST BOUNDARY	12.68	0.71

2.5 SITE MAP:

THE CONSTRUCTION PLANS ARE TO BE USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR ALL THE ITEMS DISCUSSED BELOW ARE IDENTIFIED ON THE KEY SHEET OF THE CONSTRUCTION PLANS.

- DRAINAGE PATTERNS:** ALL DRAINAGE PATTERNS ARE SHOWN ON THE GRADING & DRAINAGE PLANS.
- APPROXIMATE SLOPES:** APPROXIMATE SLOPES ARE SHOWN ON THE GRADING & DRAINAGE POND SIDE SLOPES ARE SHOWN ON THE POND CROSS-SECTIONS.
- AREAS OF SOIL DISTURBANCE:** ALL DEMOLITION IS SHOWN ON THE EXISTING SITE CONDITIONS AND DEMOLITION AND EROSION CONTROL PLAN SHEET. ALL PROPOSED CONSTRUCTION IS SHOWN ON THE REMAINING PLANS. ANY AREAS WHERE DEMOLITION WORK OR PERMANENT FEATURES ARE SHOWN ABOVE OR BELOW GROUND WILL BE DISTURBED.
- AREAS NOT TO BE DISTURBED:** ANY AREAS NOT SHOWING DEMOLITION WORK OR PERMANENT FEATURES ARE ASSUMED NOT TO BE DISTURBED. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE ON THE PLANS ANY OF THESE AREAS THAT DO GET DISTURBED AS WELL AS ANY AREAS USED FOR STAGING AND MATERIALS STORAGE.
- LOCATIONS OF CONTROLS:** ALL PROPOSED TEMPORARY CONTROLS AND EXISTING PERMANENT CONTROLS ARE SHOWN ON THE EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN. ALL PROPOSED PERMANENT CONTROLS ARE SHOWN ON THE REMAINING PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE THE LOCATION OF ANY OTHER CONTROLS ON THE PLANS THAT ARE USED DURING CONSTRUCTION.

- PERMANENT STABILIZATION IS SHOWN ON THE PLANS. IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO INDICATE THE LOCATION ON THE PLANS OF ALL TEMPORARY STABILIZATION PRACTICES USED DURING CONSTRUCTION.

- SURFACE WATERS:** N/A
- DISCHARGE POINTS:** ONSITE WETLANDS WITH ULTIMATE DISCHARGE TO ELEVEN MILE CREEK

2.6 RECEIVING WATERS:

EVENTUAL OUTFALL TO PERDIDO BAY

3.0 CONTROLS:

3.1 EROSION AND SEDIMENT CONTROLS:

ALL EROSION AND SEDIMENT CONTROLS SPECIFIED ON THE DEMOLITION AND EROSION CONTROL PLAN SHEETS, AND THE EROSION CONTROL DETAILS SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION OR DEMOLITION. SILT FENCING AND STAKED HAY BALES SHALL BE INSTALLED ALONG DOWN-GRADIENT LIMITS.

TEMPORARY SEEDING AND MULCHING SHALL BE APPLIED AFTER 14-DAY INTERVALS OF CEASED DISTURBANCE ACTIVITIES THAT WILL EXCEED 20-DAY PERIODS. GRADED AREAS SHALL BE STABILIZED WITH PERMANENT SEEDING, MULCHING, AND FERTILIZING, OR SODDING WITHIN FIVE DAYS OF FINAL GRADING. LANDSCAPING, INCLUDING SODDING, SHALL BE INSTALLED BY AN EXPERIENCED LANDSCAPE CONTRACTOR. PROPOSED DISTURBED AREAS WILL NOT EXCEED 8 ACRES IN ANY DRAINAGE AREA.

3.2 STORMWATER MANAGEMENT:

PROPOSED STORMWATER MANAGEMENT FACILITIES FOR THIS SITE INCLUDE: A DRY RETENTION POND FOR THE ENTIRE PROPERTY.

THE PROPOSED STORMWATER MANAGEMENT FACILITIES MEET ALL STORMWATER TREATMENT REQUIREMENTS AND ALL RATE CONTROL REQUIREMENTS SET FORTH BY THE LOCAL AND STATE REGULATORY AGENCIES.

3.3 OTHER CONTROLS:

WASTE DISPOSAL: THE CONTRACTOR IS RESPONSIBLE FOR ALL WASTE DISPOSAL FROM THE SITE. THE CONTRACTOR SHALL EMPLOY WASTE DISPOSAL PRACTICES THAT MEET ALL LOCAL, STATE, AND FEDERAL GUIDELINES AND PREVENT DISCHARGE OF SOLID MATERIALS TO WATERS OF THE UNITED STATES. THE CONTRACTOR IS RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP.

OFFSITE VEHICLE TRACKING: IF OFF SITE TRACKING OF SEDIMENTS BY CONSTRUCTION VEHICLES OCCURS, THE CONTRACTOR IS REQUIRED TO INSTALL A SOIL TRACKING PREVENTION DEVICE (STPD) AS PER FOOT STANDARD INDEX 105 AT ALL EXITS TO THE SITE WHERE SEDIMENT TRACKING IS OCCURRING. THE CONTRACTOR IS ALSO RESPONSIBLE FOR DOCUMENTING THIS PORTION OF THE SWPPP.

HAZARDOUS MATERIALS: ALL POLLUTANTS AND HAZARDOUS MATERIALS INCLUDING BUT NOT LIMITED TO FERTILIZERS, HERBICIDES, PESTICIDES, SOLVENTS, OILS AND OIL FILTERS, PETROLEUM PRODUCTS, PAINT, AND EQUIPMENT MAINTENANCE FLUIDS, SHALL BE STORED INDOORS OR UNDER COVER IN AREAS WITH SECONDARY CONTAINMENT. SECONDARY CONTAINMENT PREVENTS A SPILL FROM SPREADING ACROSS THE SITE AND INCLUDES DIKES, BERMS, CURBING, OR OTHER CONTAINMENT METHODS. HAZARDOUS MATERIAL STORAGE AREAS SHALL BE INSPECTED WEEKLY AND AFTER STORM EVENTS. STORAGE AREAS SHALL BE KEPT CLEAN, WELL ORGANIZED, AND EQUIPPED WITH AMPLE CLEANUP SUPPLIES/SPILL KITS AS APPROPRIATE FOR THE MATERIALS BEING STORED. MATERIAL SAFETY DATA SHEETS, MATERIAL INVENTORY, AND EMERGENCY CONTACT INFORMATION SHALL BE MAINTAINED ON-SITE. ALL PERSONNEL SHALL RECEIVE INSTRUCTION REGARDING PROPER PROCEDURES FOR HAZARDOUS MATERIAL HANDLING AND DISPOSAL. HAZARDOUS MATERIALS SHALL NOT BE DISPOSED OF INTO ON-SITE DUMPSTERS. HAZARDOUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND MUNICIPAL REGULATIONS. VEHICLES AND EQUIPMENT WILL BE MAINTAINED OFF-SITE. ALL VEHICLES AND EQUIPMENT INCLUDING SUBCONTRACTOR VEHICLES WILL BE CHECKED FOR LEAKING OIL AND FLUIDS. VEHICLES LEAKING FLUIDS WILL NOT BE ALLOWED ON-SITE. DRIP PANS SHALL BE PLACED UNDER ALL VEHICLES AND EQUIPMENT THAT ARE PARKED OVERNIGHT.

APPLICATION OF FERTILIZERS, HERBICIDES, AND PESTICIDES: FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE DELIVERED TO THE SITE IN ORIGINAL, UNOPENED CONTAINERS BEARING MANUFACTURER'S CHEMICAL ANALYSIS, NAME, TRADE NAME, TRADEMARK, AND INDICATION OF CONFORMANCE TO STATE AND FEDERAL LAWS. FERTILIZERS, HERBICIDES, AND PESTICIDES SHALL BE IN APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S SUGGESTED RATE.

5.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS, BUT NOT LIMITED TO, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.25 INCHES OR GREATER, WHERE SITES HAVE BEEN FINALLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH.

- POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- POINTS OF DISCHARGE TO MUNICIPAL SEWER STORM SEWER SYSTEMS.
- DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- STRUCTURAL CONTROLS.
- STORMWATER MANAGEMENT SYSTEMS.
- LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

6.0 NON-STORMWATER DISCHARGES:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ANY HAZARDOUS SUBSTANCE SPILLS THAT MAY EQUAL OR EXCEED A REPORTABLE QUANTITY (RQ). REFER TO EPA'S LIST OF HAZARDOUS SUBSTANCES AND REPORTABLE QUANTITIES (EPA 40 CFR 302.4 & 117). V THIS LIST CAN BE OBTAINED FROM EPA'S WEBSITE (WWW.EPA.GOV) OR BY CONTACTING EPA. IF AN RQ RELEASE DOES OCCUR THE CONTRACTOR SHALL PERFORM THE FOLLOWING PROCEDURES:

- NOTIFY THE NATIONAL RESPONSE CENTER IMMEDIATELY AT 800-424-8802.
- PROVIDE WRITTEN DESCRIPTION OF THE RELEASE WITHIN 14 DAYS PROVIDING DATES, CAUSE AND PREVENTION METHODS TO THE REGIONAL EPA OFFICE.
- MODIFY THE SWPPP AS NECESSARY TO ADDRESS ADDED PREVENTION METHODS.

7.0 IMPLEMENTATION CHECKLIST:

7.1 RECORDS:

THE CONTRACTOR SHALL MAINTAIN RECORDS OF CONSTRUCTION ACTIVITIES INCLUDING, BUT NOT LIMITED TO:

- DATES WHEN MAJOR GRADING ACTIVITIES OCCUR.
- DATES WHEN CONSTRUCTION ACTIVITIES TEMPORARILY CEASE ON A PORTION OF THE SITE.
- DATES WHEN CONSTRUCTION ACTIVITIES PERMANENTLY CEASE ON A PORTION OF THE SITE.
- DATES WHEN STABILIZATION MEASURES ARE INITIATED ON THE SITE.

7.2 INSPECTION REPORTS:

THE CONTRACTOR SHALL PREPARE INSPECTION REPORTS SUMMARIZING THE FOLLOWING, BUT NOT LIMITED TO:

- NAME OF INSPECTOR.
- QUALIFICATIONS OF INSPECTOR.
- MEASURES/AREAS INSPECTED.
- OBSERVED CONDITIONS.
- CHANGES NECESSARY TO THE SWPPP.

7.3 RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS:

THE CONTRACTOR SHALL REPORT ANY RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS IF THEY OCCUR AS PER THE MEASURES OUTLINED IN SECTION 6.0 OF THE SWPPP.

7.4 SWPPP MODIFICATION:

THE CONTRACTOR SHALL MODIFY THE SWPPP AS NECESSARY TO:

- COMPLY WITH MINIMUM PERMIT REQUIREMENTS WHEN NOTIFIED BY FDEP THAT THE PLAN DOES NOT COMPLY.
- ADDRESS ANY CHANGES IN DESIGN, CONSTRUCTION OPERATIONS OR MAINTENANCE, WHICH HAS AN EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS.
- PREVENT REOCCURRENCE OF REPORTABLE QUANTITY RELEASES OF HAZARDOUS MATERIAL OR OIL.

8.0 TERMINATION CHECKLIST:

THE FOLLOWING ITEMS SHALL BE COMPLETE BEFORE SUBMITTING THE NOT:

- ALL SOIL DISTURBING ACTIVITIES ARE COMPLETE.
- TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN REMOVED OR WILL BE REMOVED AT AN APPROPRIATE TIME.
- ALL AREAS OF THE CONSTRUCTION SITE NOT OTHERWISE COVERED BY PERMANENT PAVEMENT OR STRUCTURE HAVE BEEN STABILIZED WITH UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70% OR EQUIVALENT MEASURES HAVE BEEN EMPLOYED.

No.	DATE	REVISION				

LEGEND

- EXISTING ASPHALT
- WETLAND
- EXISTING WETLAND BUFFER
- EXISTING BUFFER TO BE REMOVED
- PROPOSED WETLAND BUFFER
- 30' MERS BUFFER
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- RIPRAP

N
W E S

HORIZONTAL SCALE

80 0 40 80 160 320

(IN FEET)

1 INCH = 80 FT. (24'x36")

1 INCH = 160 FT. (12'x18")

RBA

REBOL-BATTLE & ASSOCIATES

Civil and Environmental Engineers

2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
CE 0008657

OVERALL SITE LAYOUT

Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION	DATE	NO.

SEAL

CONSTRUCTION PLANS

10-15-31-XXXX-XXXX-XXXX

29891 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

JEREMY R. KING, P.E.
No. 76144

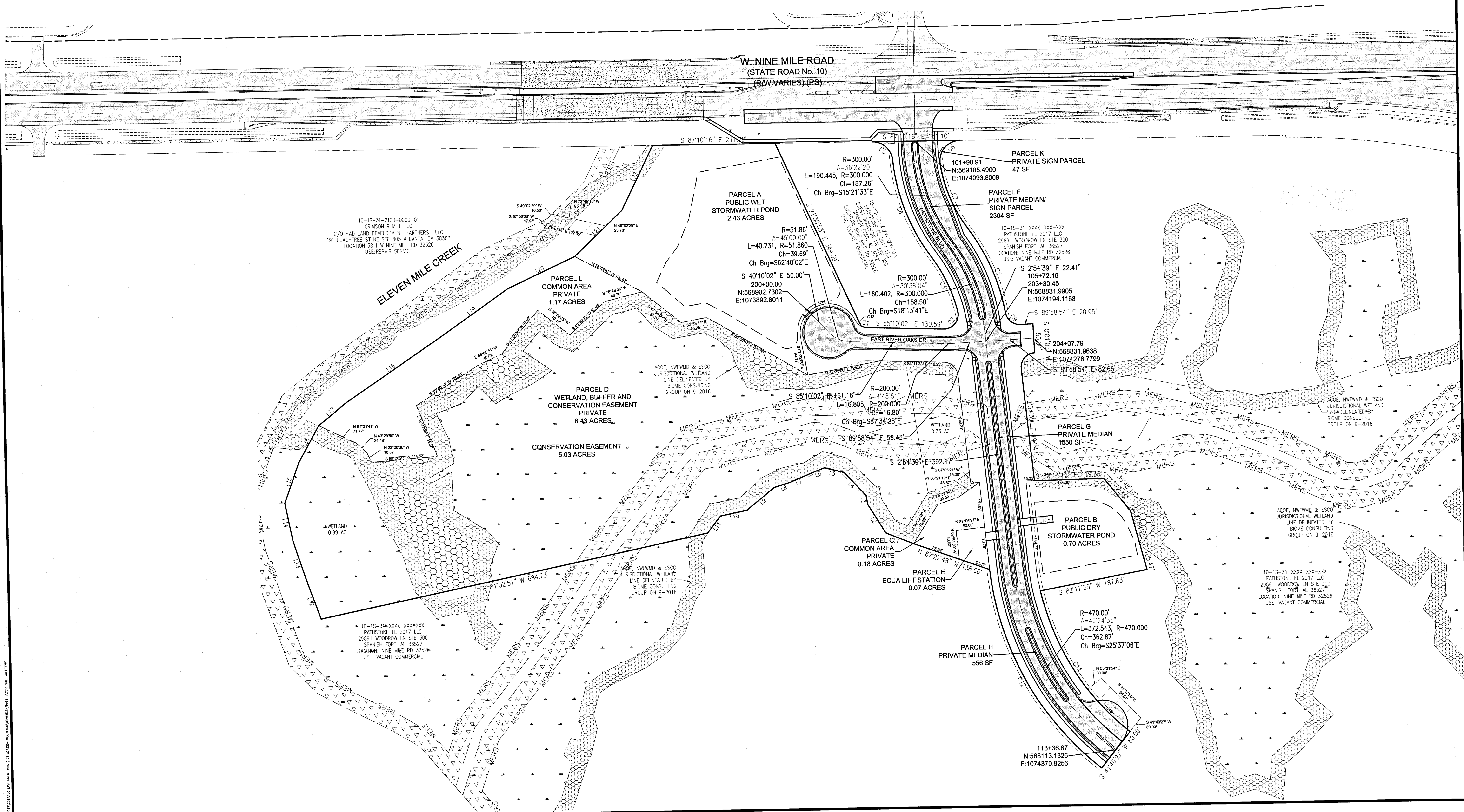
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

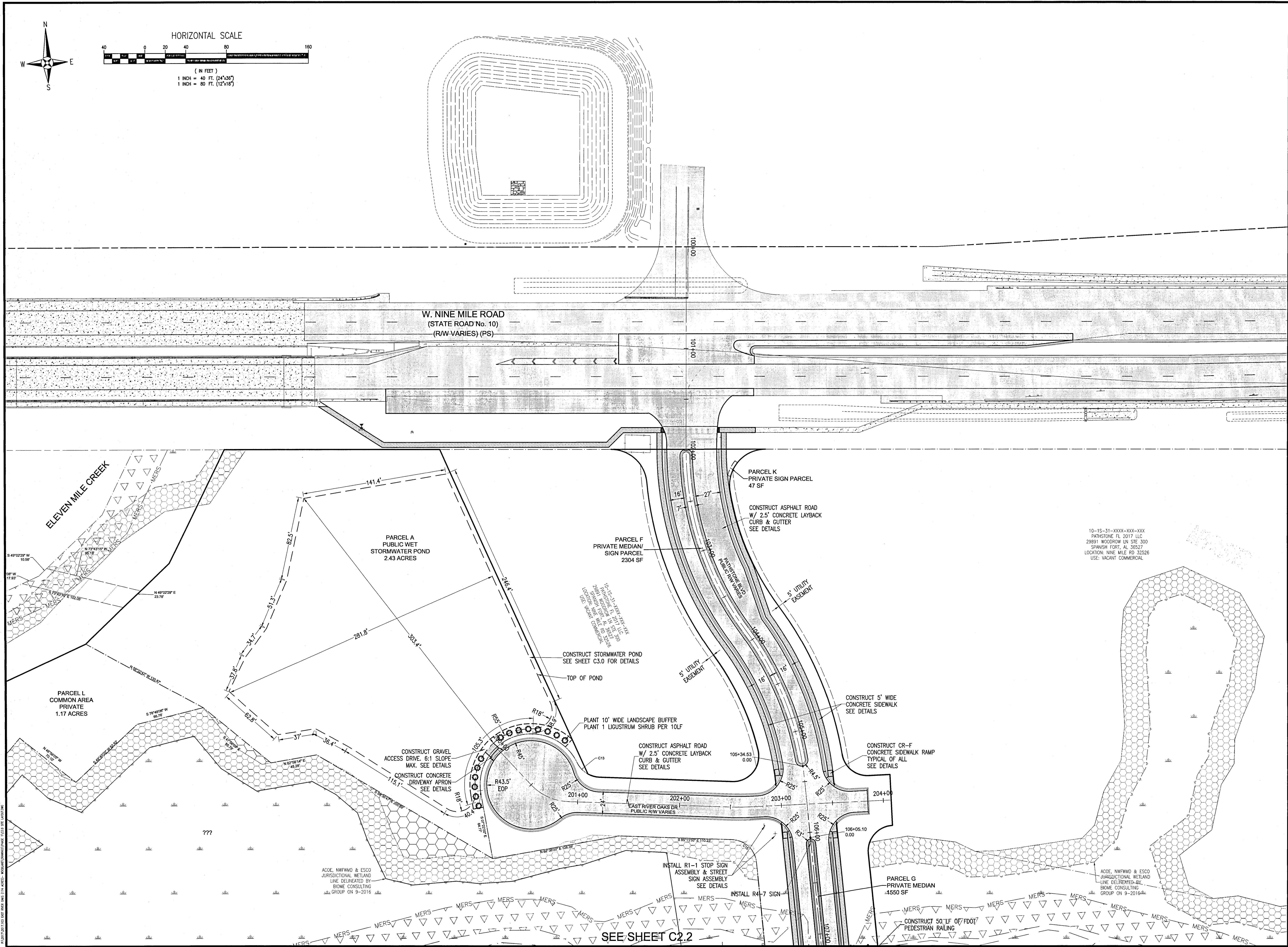
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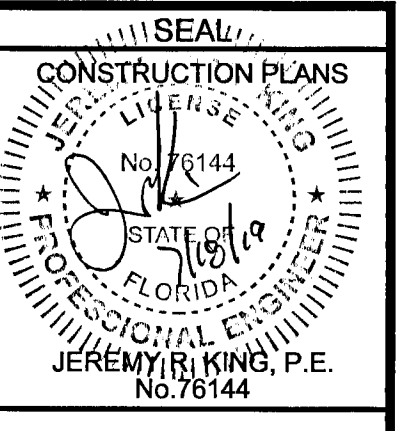
SHEET 7 OF 32

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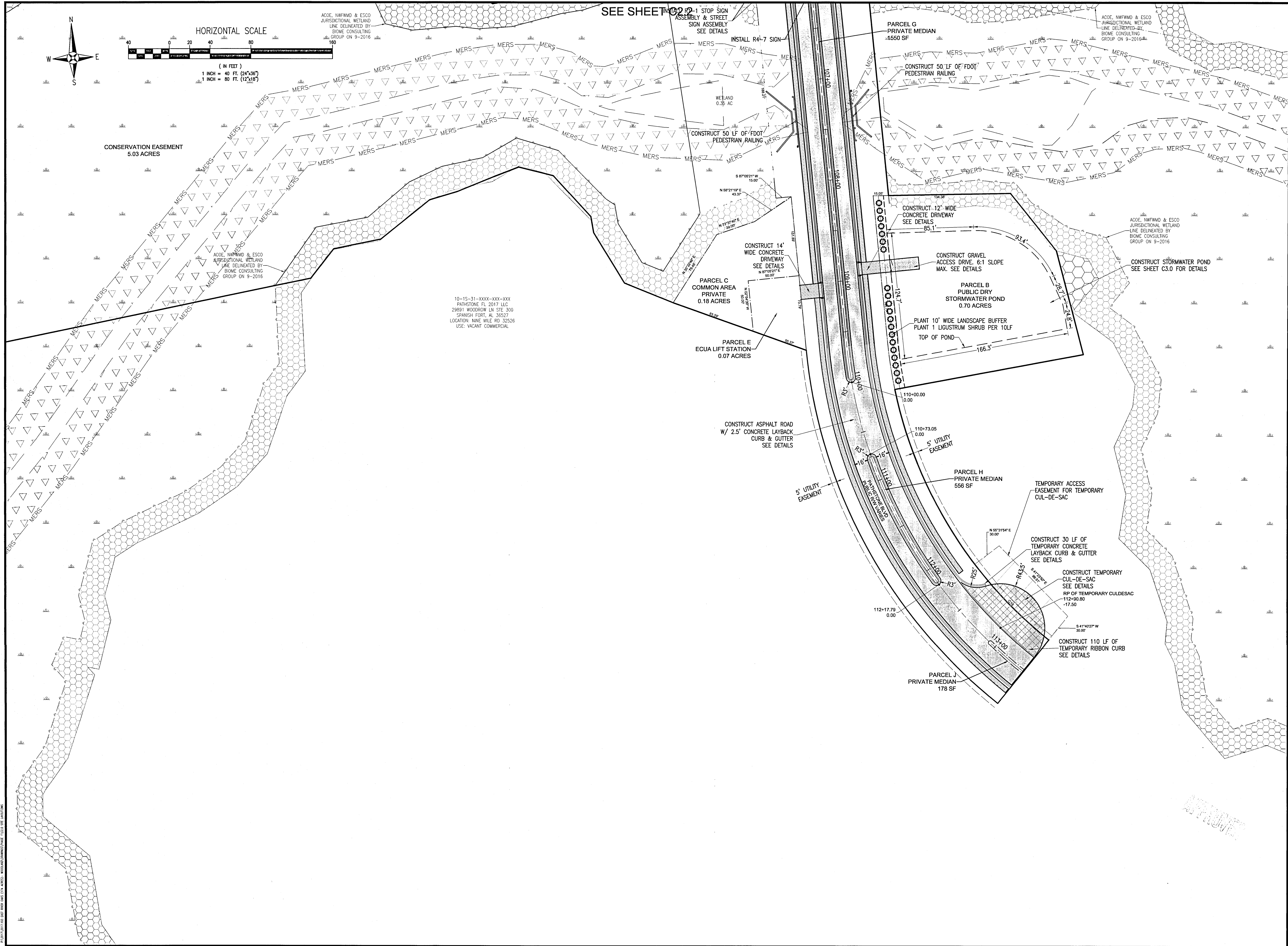




No.	DATE	REVISION



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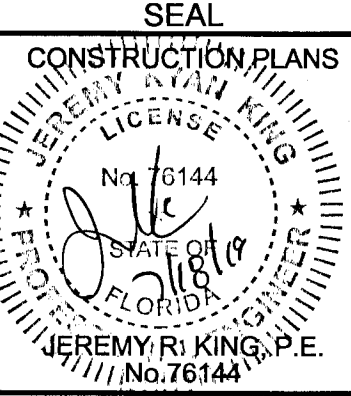


**REBOL-BATTLE & ASSOCIATES**
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0448
Fax 850.438.0448

**SITE LAYOUT &
DIMENSION PLAN**

**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

REVISION	DATE	No.



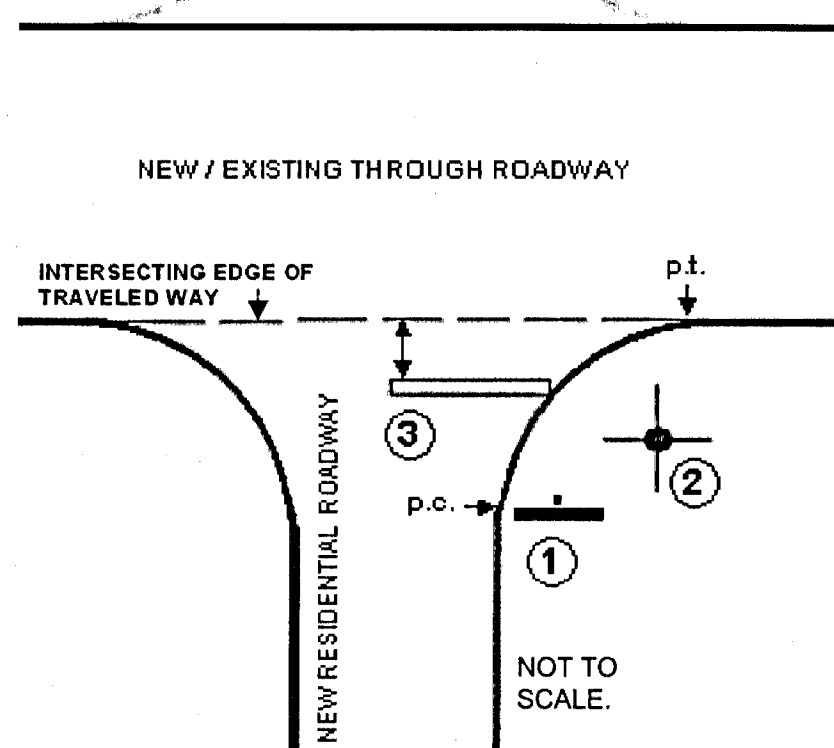
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019
DRAWING No.
C2.2
SHEET 9 OF 32

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- GENERAL NOTES
1. ALL SIGN INSTALLATIONS MUST COMPLY WITH THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SPECIFICATIONS.
 2. ALL PAVEMENT MARKINGS MUST BE THERMOPLASTIC AND COMPLY WITH SECTION 711 OF F.O.D.T.'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
 3. STOP BAR APPLICATION IS NOT REQUIRED AT THE INTERSECTION OF TWO RESIDENTIAL ROADWAYS AND / OR ROADWAYS LOCATED WITHIN INTERIORS OF A SUBDIVISION UNLESS SPECIFICALLY NOTED OTHERWISE.

1 STOP SIGN

SIGN PLACEMENT: LOCATE SIGN ADJACENT TO POINT OF CURVATURE (P.C.) OF CURBING OR EDGE OF ASPHALT TURN OUT. LATERAL CLEARANCE (W/ CURB): NO PART OF SIGN ASSEMBLY SHALL BE LESS THAN 1 FOOT FROM BACK OF CURB (EXCLUDES RIBBON CURB). LATERAL CLEARANCE WITHOUT CURB: NO PART OF SIGN ASSEMBLY SHALL BE LESS THAN 6" FROM EDGE OF ASPHALT (INCLUDES RIBBON CURB). VERTICAL CLEARANCE: SIGN SHALL DISPLAY A MINIMUM VERTICAL CLEARANCE OF 7 FEET (MEASURED FROM BOTTOM OF SIGN BLADE TO LEVEL OF ADJACENT ROADWAY).



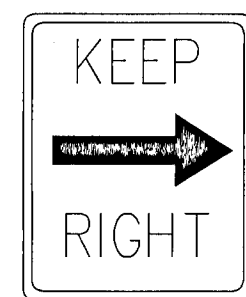
2 STREET NAME SIGN

SIGN PLACEMENT: LOCATE STREET NAME SIGN AT MID-RADIUS POINT OF TURN OUT ON SAME SIDE OF STREET AS STOP SIGN. NOTE: SEE ESCAMBIA COUNTY STANDARD DETAILS FOR STREET NAME SIGNS FOR FURTHER FABRICATION, LOCATION AND INSTALLATION REQUIREMENTS.

3 24" STOP BAR

OPTIONAL (SEE GEN. NOTE #3). **PLACEMENT:** LEADING EDGE OF STOP BAR CANNOT BE LESS THAN 4 FEET IN ADVANCE OF INTERSECTING EDGE OF TRAVELED WAY OR MARKED / UNMARKED CROSSWALK. STOP BAR MUST BE LOCATED AS TO PROVIDE ADEQUATE INTERSECTION SIGHT DISTANCE PER F.O.D.T.'S DESIGN STANDARDS INDEX # 546.

INSTALLATION DETAILS
TRAFFIC CONTROL SIGNS & MARKINGS FOR NEW RESIDENTIAL INTERSECTIONS
ACCEPTABLE PER CURRENT ESCAMBIA COUNTY INSPECTION PRACTICES

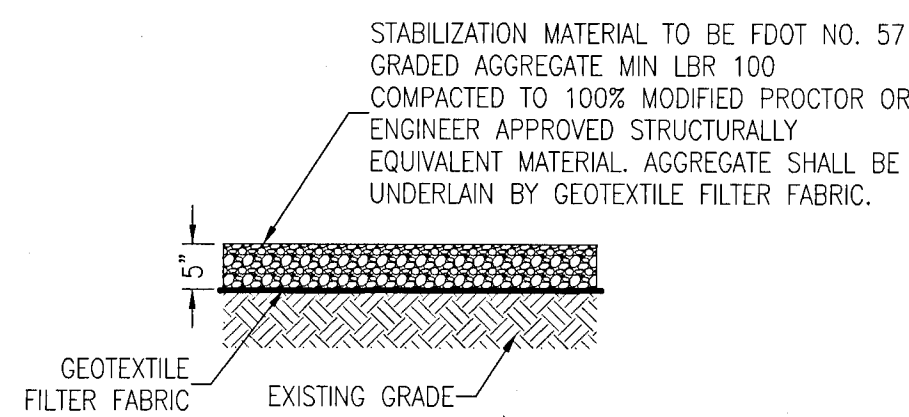
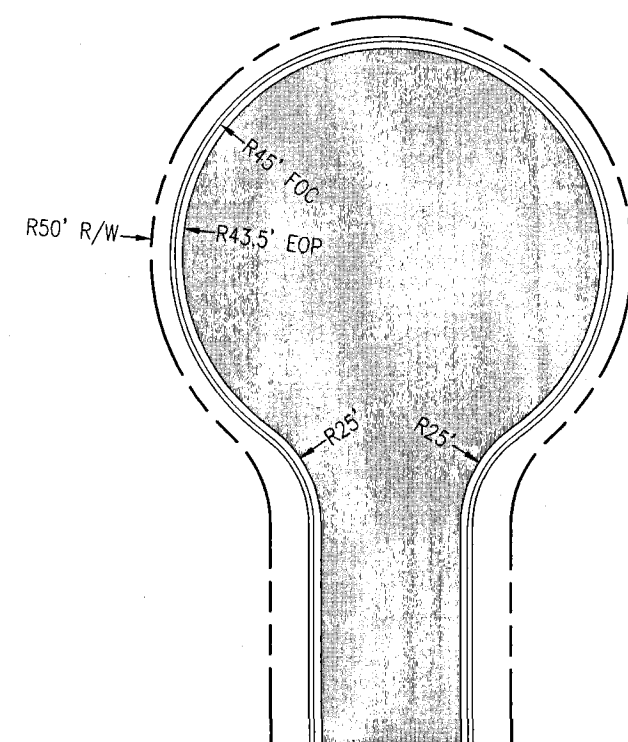


R4-7
KEEP RIGHT SIGN
N.T.S.

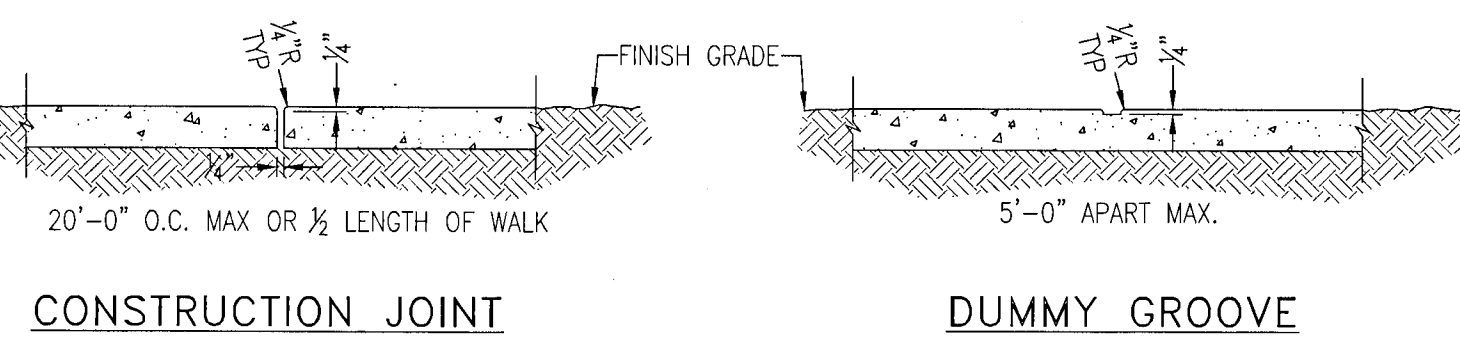
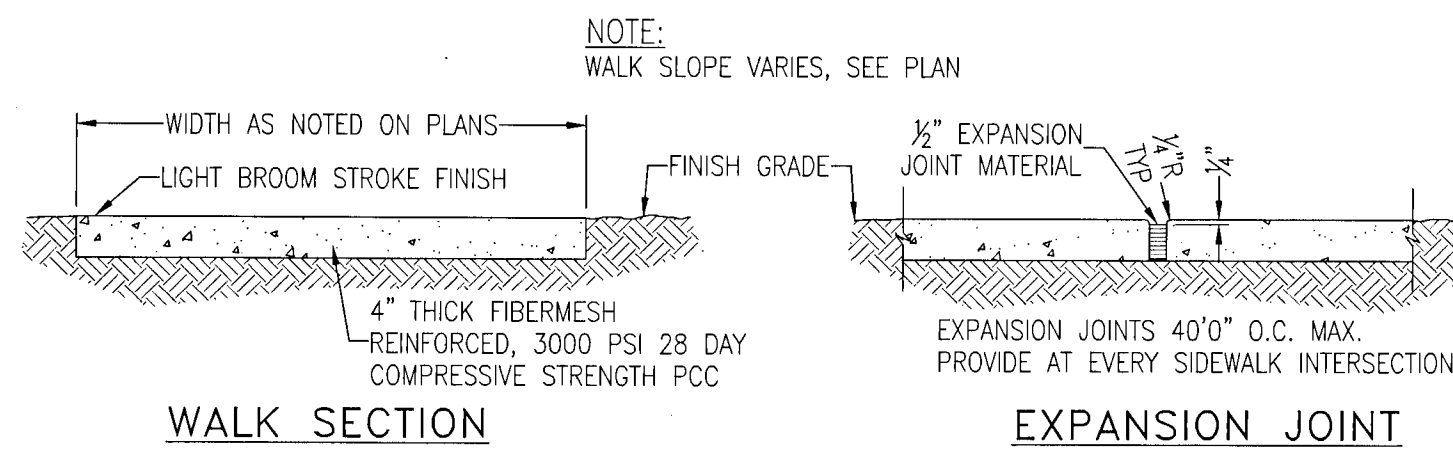


FDOT STANDARD
R1-1
2'-0" x 2'-0"
N.T.S.

TYPICAL ESCAMBIA COUNTY
CUL-DE-SAC DETAIL
N.T.S.

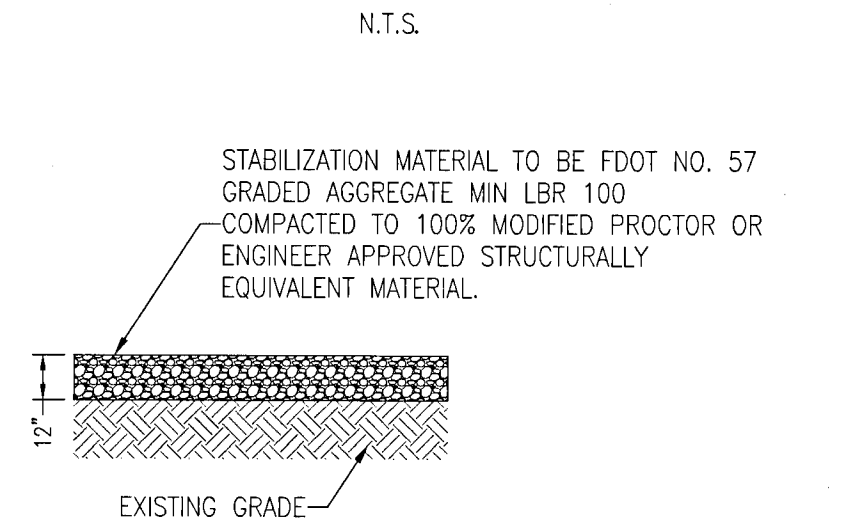


STABILIZED GRAVEL
DRIVE SECTION
N.T.S.

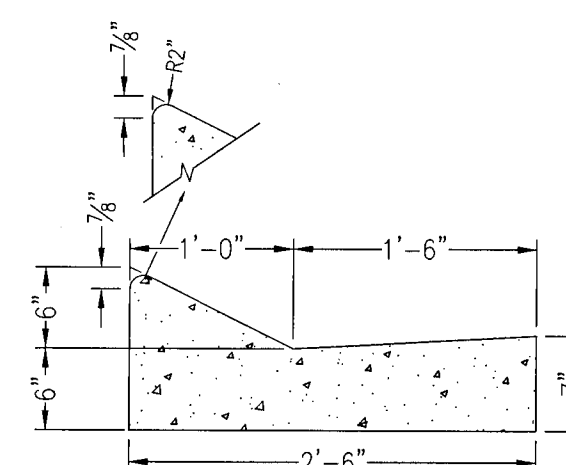


SIDEWALK DETAILS
N.T.S.

SIDEWALK DETAIL

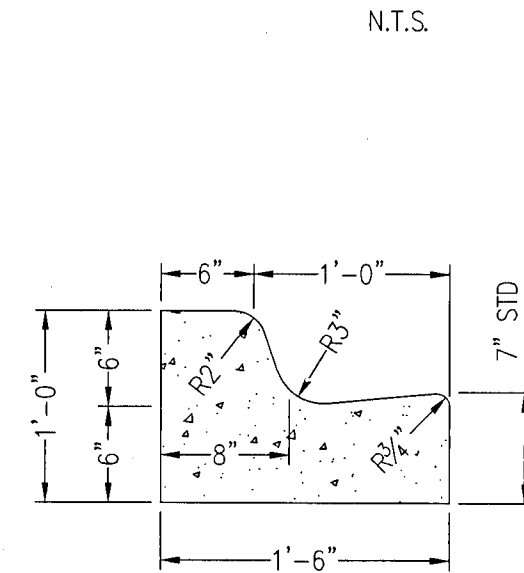


FIRE DEPARTMENT ROAD SECTION
N.T.S.



- NOTES:
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".
 2. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.
 3. ALL CONCRETE SHALL BE 3000 PSI AT 28 DAYS.

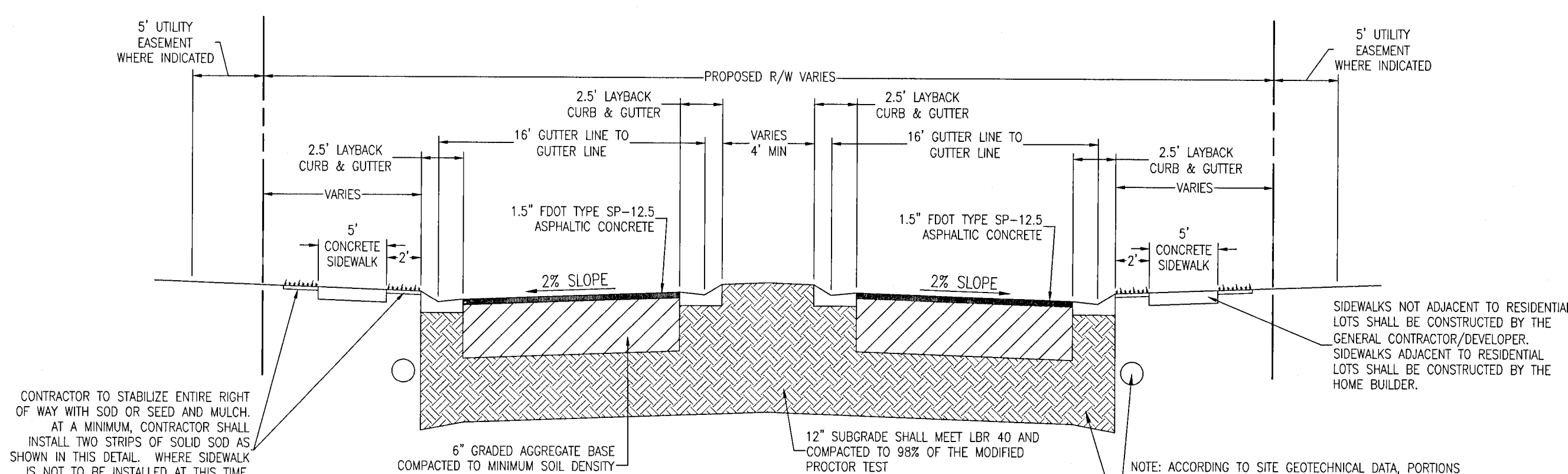
LAYBACK CURB & GUTTER



- NOTES:
1. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.
 2. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".
 3. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.

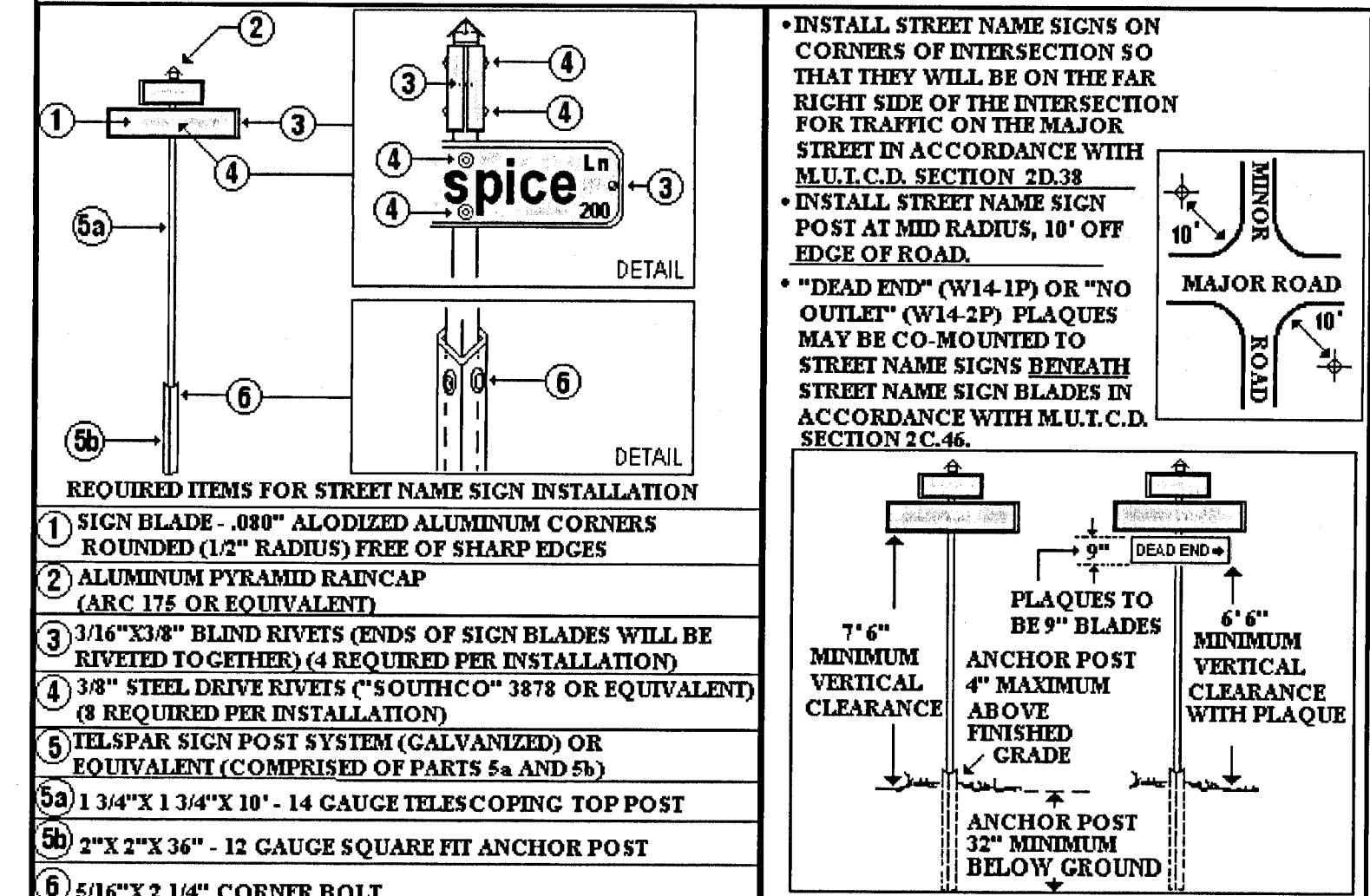
MODIFIED TYPE 'F' CURB & GUTTER

N.T.S.



TYPICAL BOULEVARD ROAD SECTION
N.T.S.

STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

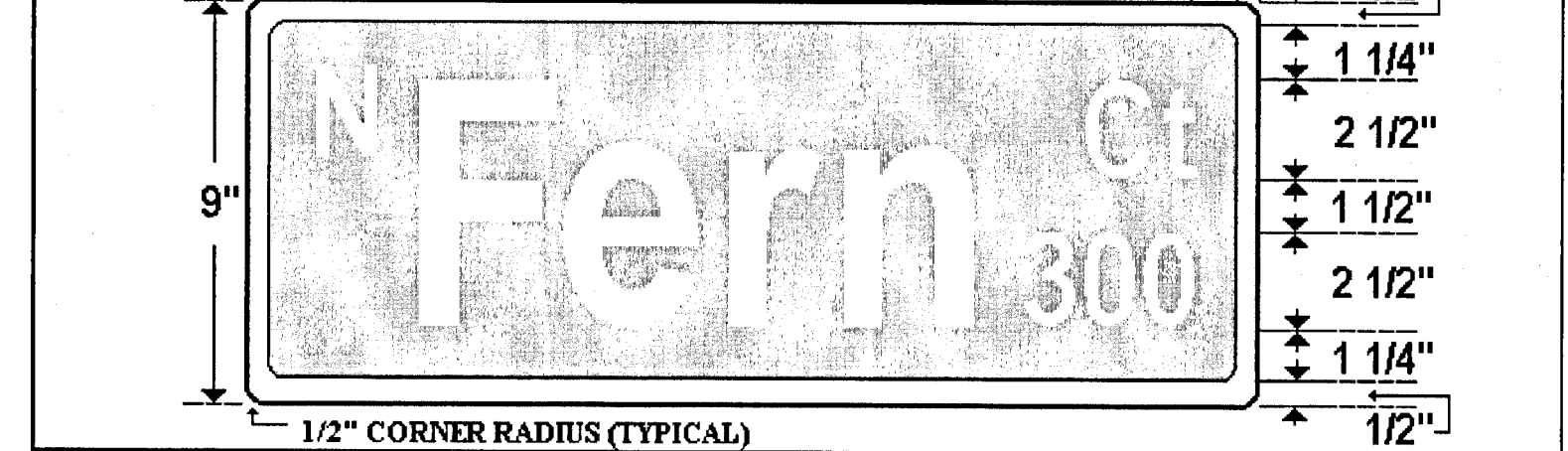


REQUIRED ITEMS FOR STREET NAME SIGN INSTALLATION

1. SIGN BLADE - .080" ALUMINIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES
2. ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)
3. 3/16" X 3/8" BLIND RIVETS (ENDS OF SIGN BLADES WILL BE RIVETED TOGETHER) (4 REQUIRED PER INSTALLATION)
4. 3/8" STEEL DRIVE RIVETS ("SOUTHCO" 3878 OR EQUIVALENT) (8 REQUIRED PER INSTALLATION)
5. JELSPAR SIGN POST SYSTEM (CALVANIZED) OR EQUIVALENT (COMPRISED OF PARTS 5a AND 5b)
- 5a) 1 3/4" X 1 3/4" X 10" - 14 GAUGE TELESCOPING TOP POST
- 5b) 7" X 2" X 36" - 12 GAUGE SQUARE FIT ANCHOR POST
6. 5/16" X 2 1/4" CORNER BOLT

STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

- F.D.O.T. TYPE III-A REFLECTIVE SHEETING TO BE USED ON ALL STREET NAME SIGN BLADES.
- STREET NAME SIGN BLADES TO HAVE WHITE LEGENDS, 1/2" WHITE BORDERS AND GREEN BACKGROUND.
- PRIMARY LETTERING TO SERIES B, 6" UPPER CASE AND 4 1/2" LOWER CASE.
- PREFIX AND SUFFIX LETTERING TO BE SERIES C, 2 1/2" UPPER CASE AND 1 3/4" LOWER CASE.



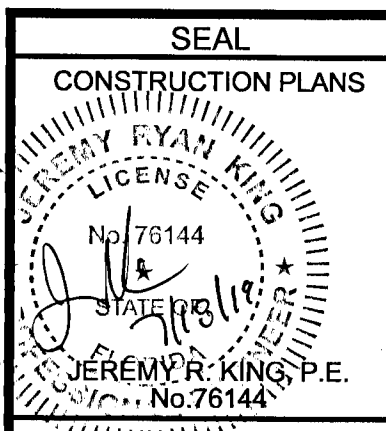
ESCAMBIA COUNTY STANDARD DETAILS
FOR STREET NAME SIGNS
DEPARTMENT OF ENGINEERING - TRAFFIC ENGINEERING DIVISION
Suite 1, 1190 West Leonard Street, Pensacola, Florida 32501-1116
BY: Alan Theford, Engineering Technician III Revised 6-2002 * NOT TO SCALE *

RBA
REBO-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. High Avenue, Suite 300
Pensacola, Florida 32503
Phone: 904.438.4250
Fax: 904.438.0448
E-mail: info@rebo-battle.com
EEO 10000657

DETAILS

Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION	DATE	BY	CHKD
No.			



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.

C2.3
SHEET 10 OF 32

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GENERAL NOTES

1. Cross Slopes and Grades:

- Sidewalk, ramp, and landing slopes (i.e. 0.02, 0.05, and 1:12) shown in this Index are maximums. With approval of the Engineer, provide the minimum feasible slope where the requirements cannot be met.
- Landings must have cross-slopes less than or equal to 0.02 in any direction.
- Install ramp slopes along a single linear plane (i.e. no warps or varying slope). Ramp slopes are not required to exceed 15 feet in length.
- Joints permitted at the location of Slope Breaks. Otherwise locate joints in accordance with Index 522-001. No joints are permitted within the ramp portion of the Curb Ramp.

2. Grade Breaks:

- Grade breaks at the top and bottom of ramps must be parallel to each other and perpendicular to the direction of the ramp slope.

3. Curb, Curb and Gutter, and/or Sidewalk:

- Refer to Index 522-001 for concrete thickness and sidewalk details.
- Remove any existing curb or curb and gutter to the nearest joint beyond the curb transition or to the extent that no remaining section of curb or curb and gutter is less than 5 feet long. Remove any existing sidewalk to the nearest joint beyond the transition slope or to the extent that no remaining section of sidewalk is less than 5 feet long.

4. Curb Ramp Alpha-Identification:

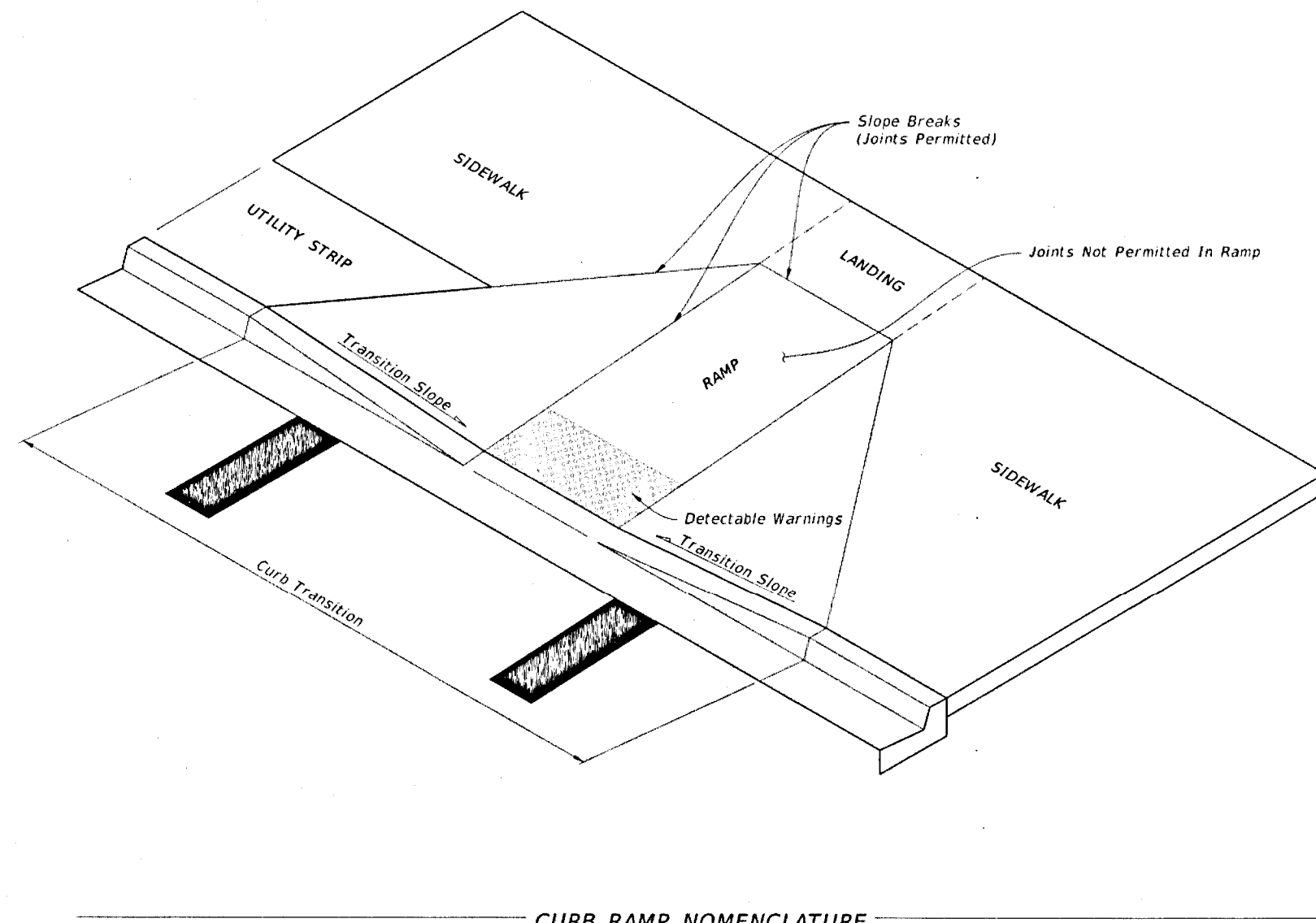
- Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
- Alpha-identifications CR-I and CR-J are intentionally omitted.

5. Detectable Warnings:

- Install detectable warnings in accordance with Specification 527.
- Place detectable warnings across the full width of the ramp or landing, to a minimum depth of 2 feet measured perpendicular to the curb line and no greater than 5 feet from the back of the curb or edge of pavement.
- If detectable warnings are shown in the Plans on slopes greater than 5%, align the truncated domes with the centerline of the ramp; otherwise, the truncated domes are not required to be aligned.

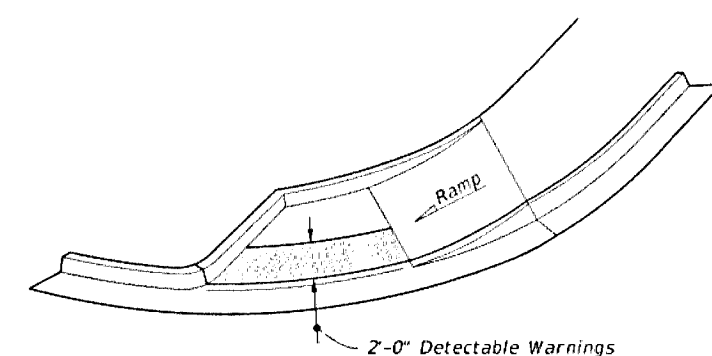
6. Detectable Warnings - Acceptance Criteria:

- Color and texture shall be complete and uniform.
- 90% of individual truncated domes shall be in accordance with the Americans with Disabilities Act Standards for Transportation Facilities, Section 705.
- There shall be no more than 4 non-compliant domes in any one square foot.
- Non-compliant domes shall not be adjacent to other non-compliant domes.
- Surfaces shall not deviate more than 0.10" from a true plane.

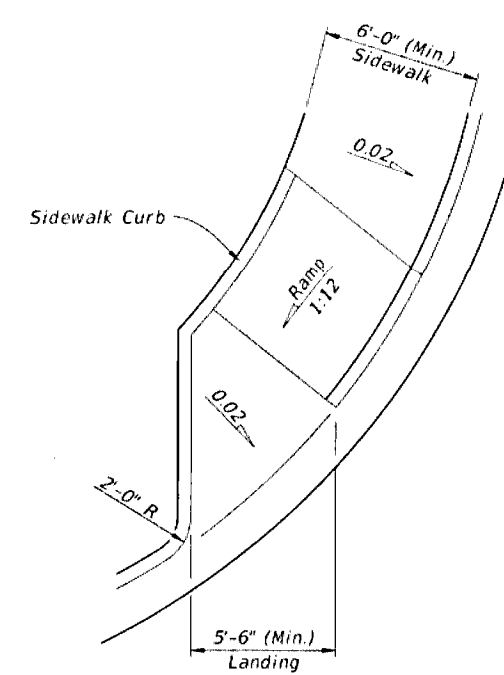


CURB RAMP NOMENCLATURE

LAST REVISION	DESCRIPTION	FDOT	FY 2018-19	STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/17						522-002	1 of 8

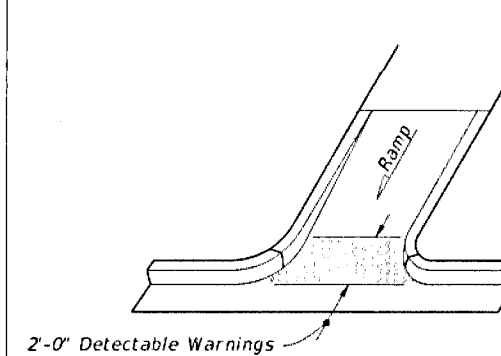


ISOMETRIC VIEW

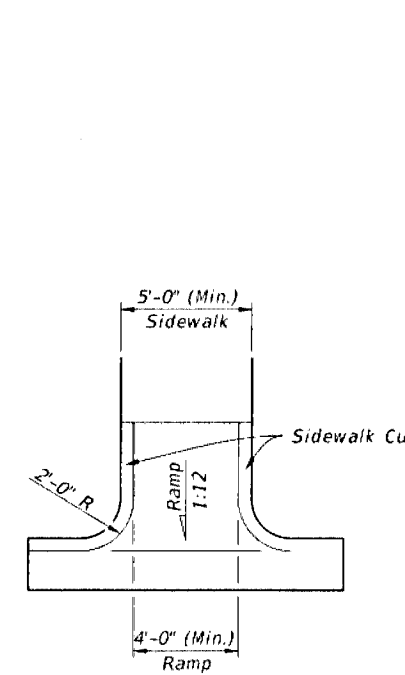


PLAN VIEW

CR-D

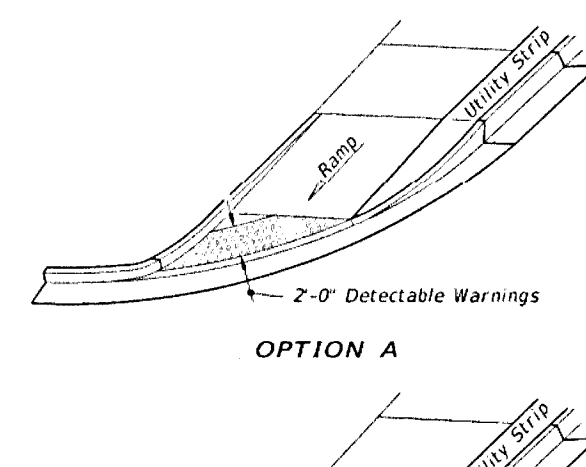


ISOMETRIC VIEW

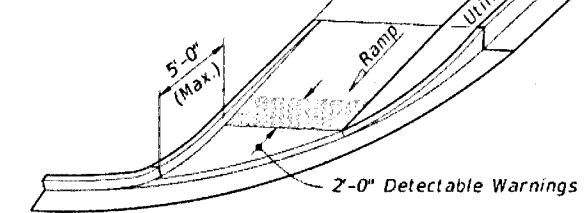


PLAN VIEW

CR-E

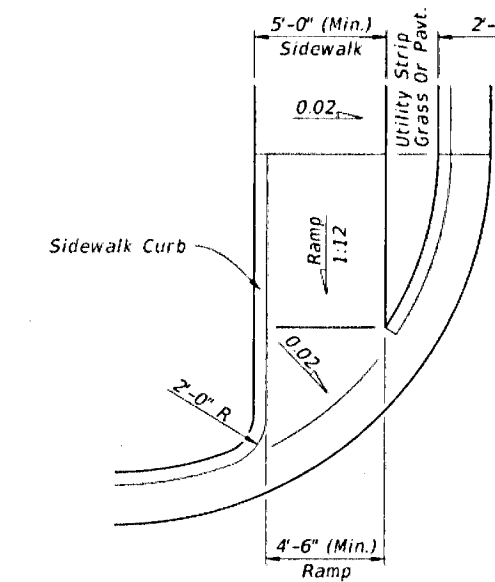


OPTION A



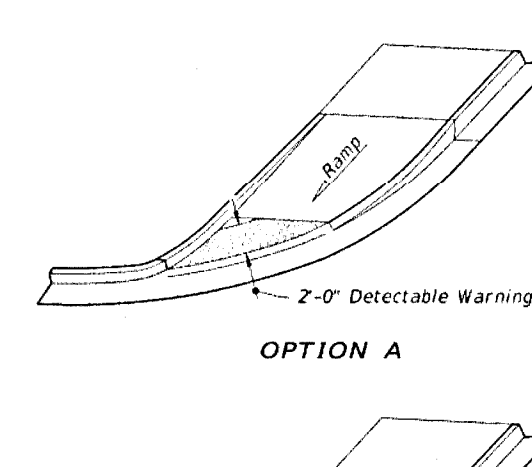
OPTION B

ISOMETRIC VIEW

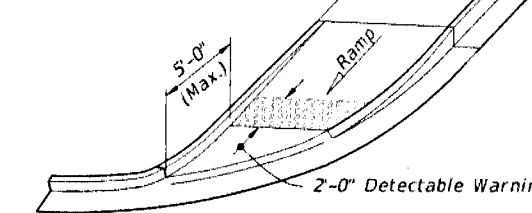


PLAN VIEW

CR-F

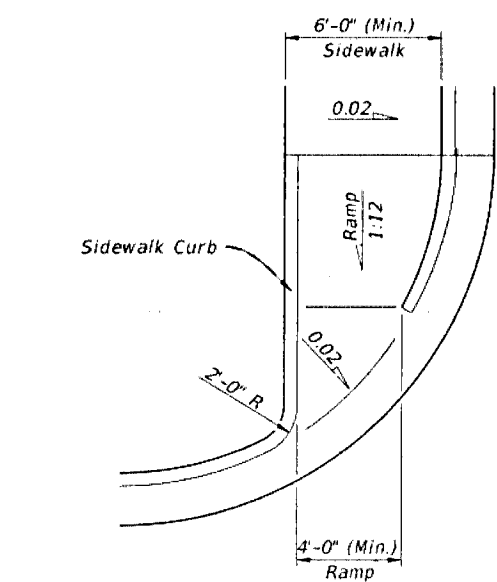


OPTION A



OPTION B

ISOMETRIC VIEW

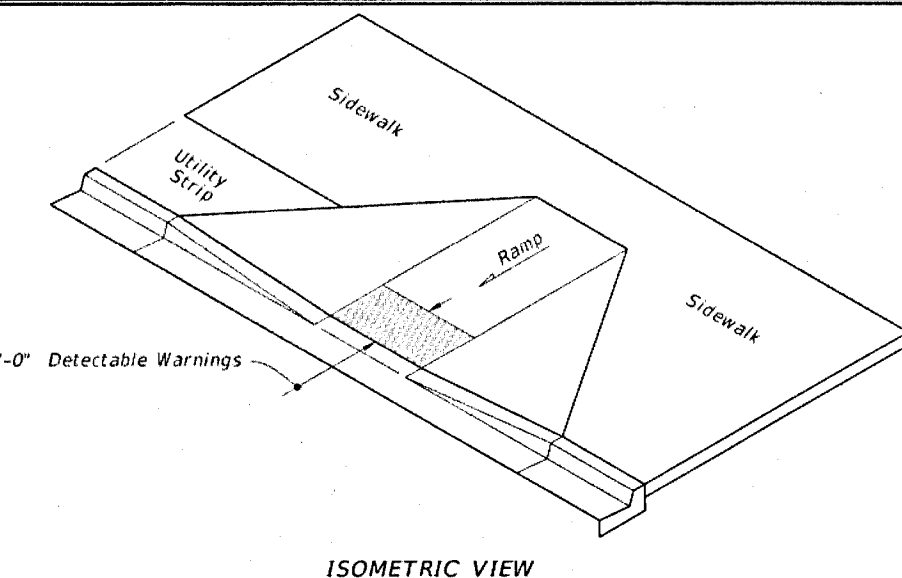


PLAN VIEW

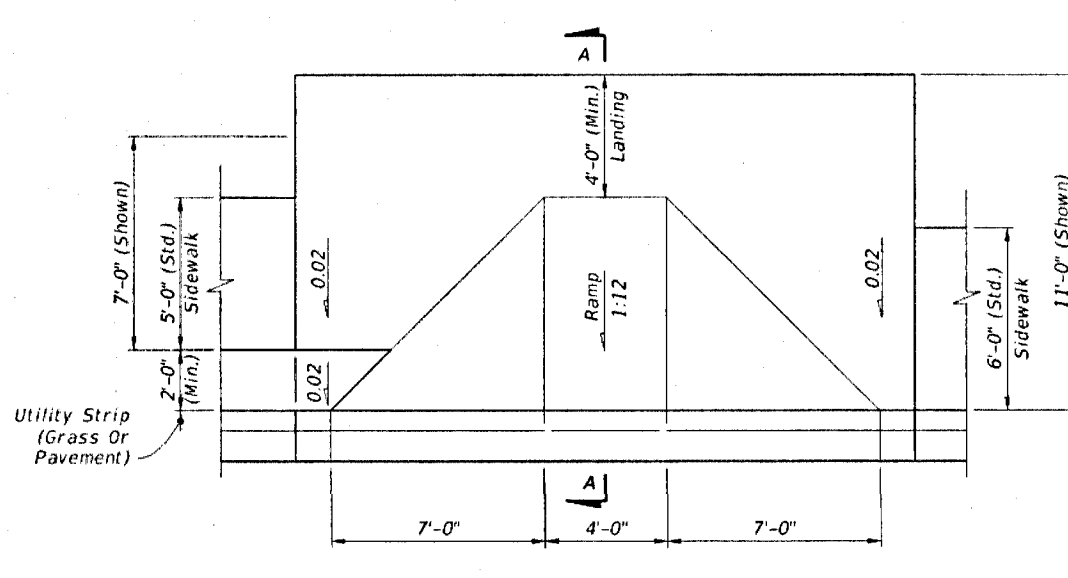
CR-G

SIDEWALK CURB RAMPS CR-D, CR-E, CR-F & CR-G

LAST REVISION	DESCRIPTION	FDOT	FY 2018-19	STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/17						522-002	4 of 8

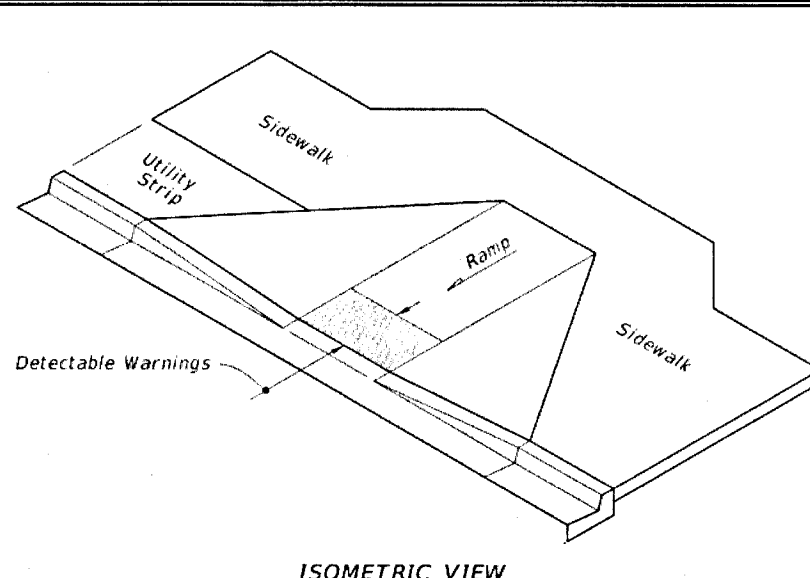


ISOMETRIC VIEW

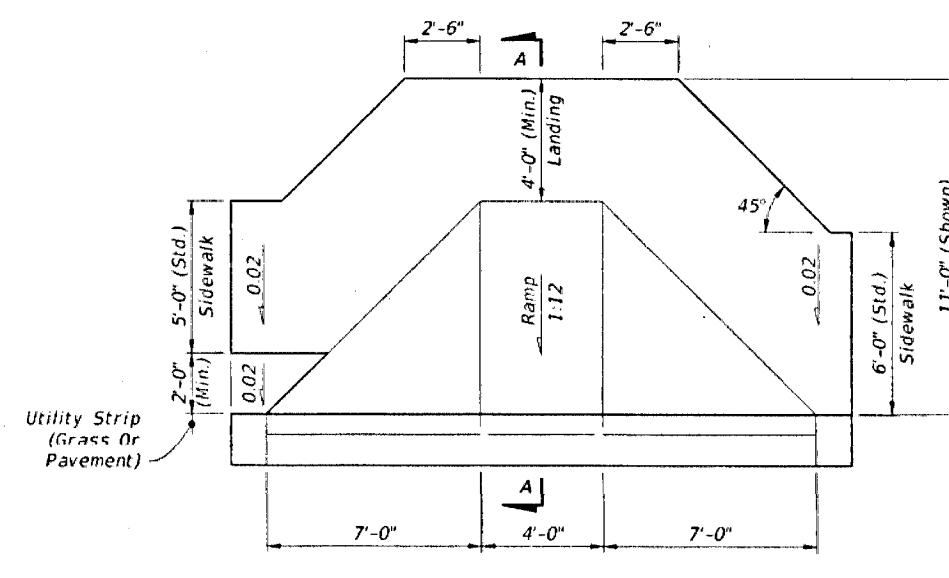


PLAN VIEW

CR-A

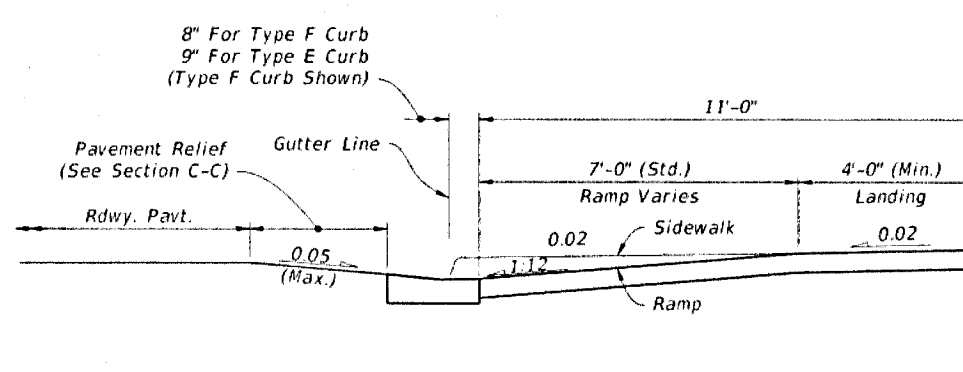


ISOMETRIC VIEW



PLAN VIEW

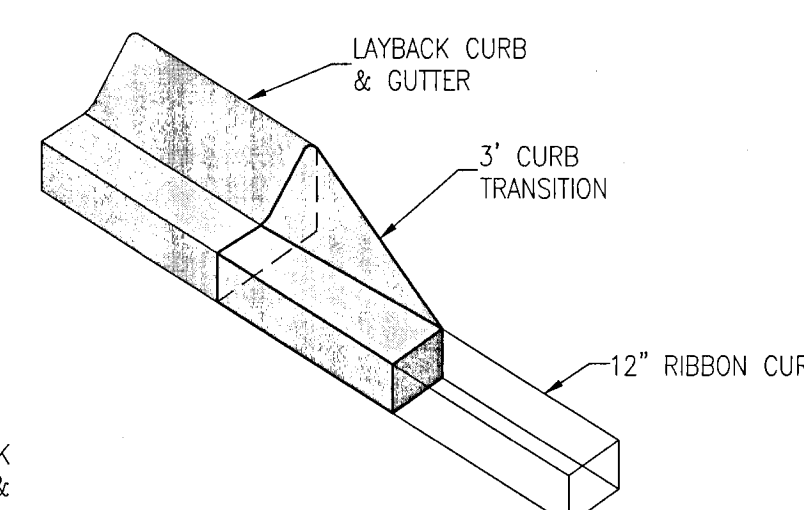
CR-B



SECTION A-A

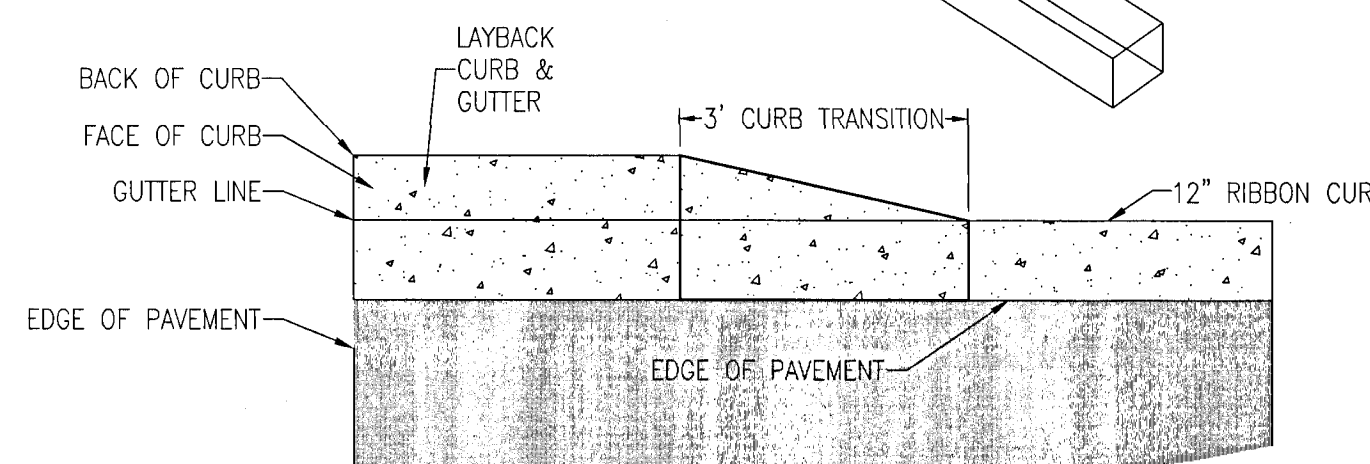
SIDEWALK CURB RAMPS CR-A AND CR-B

LAST REVISION	DESCRIPTION	FDOT	FY 2018-19	STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX	SHEET
11/01/17						522-002	2 of 8

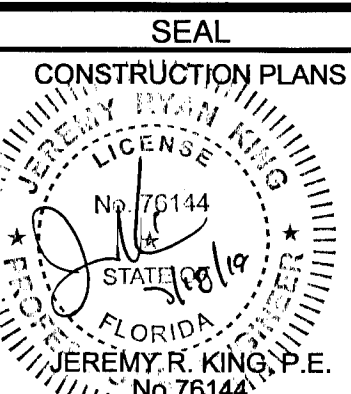


CURB TRANSITION DETAIL (LAYBACK TO RIBBON)

N.T.S.



No.	DATE	REVISION



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.

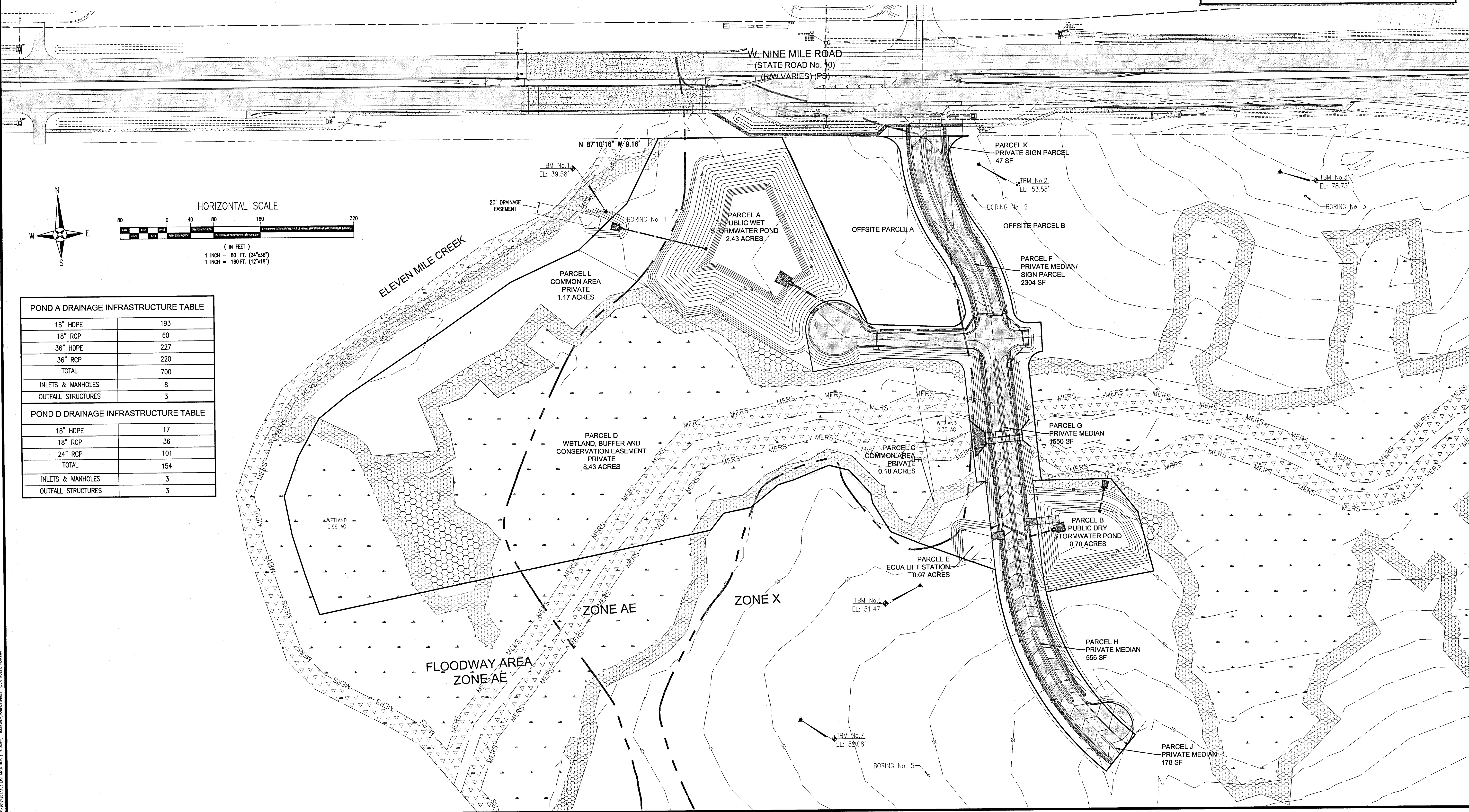
C2.4
SHEET 11 OF 32

6. ON SITES > 1 ACRE, IF > CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.

12. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

17. THE OPERATION AND MAINTENANCE OF THE FACILITY WILL BE THE RESPONSIBILITY OF THE OWNER, AS IN ACCORDANCE WITH THE APPROVED PERMIT.

24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.



POND A DRAINAGE INFRASTRUCTURE TABLE	
18" HDPE	193
18" RCP	60
36" HDPE	227
36" RCP	220
TOTAL	700
INLETS & MANHOLES	8
OUTFALL STRUCTURES	3

POND D DRAINAGE INFRASTRUCTURE TABLE	
18" HDPE	17
18" RCP	36
24" RCP	101
TOTAL	154
INLETS & MANHOLES	3
OUTFALL STRUCTURES	3

13-00175 2017 103 EAST RIVER OAKS (174 ACRES) - WOODLAND DRAWINGS/PHASE 1/CSO GRADING PLANS/PGS


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Web www.rebol.com

OVERALL GRADING & DRAINAGE PLAN

**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

No.	DATE	REVISION

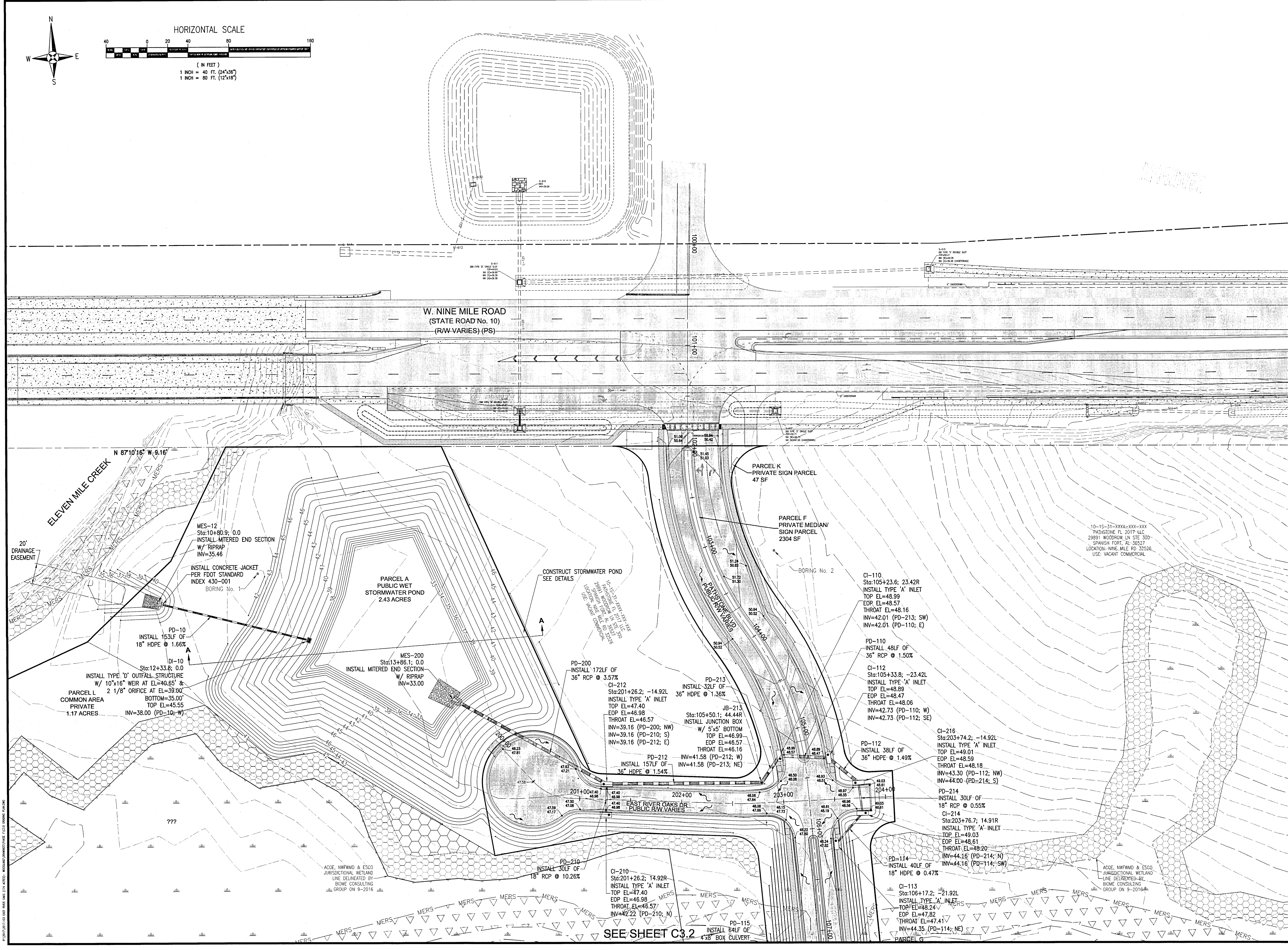
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.

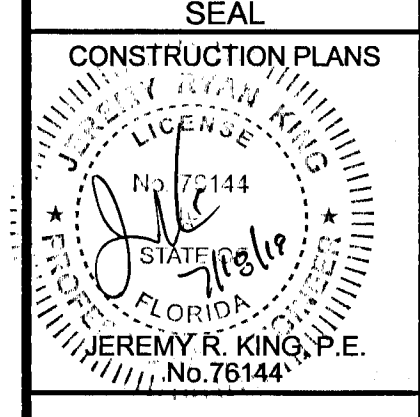
C3.0

SHEET 12 OF 32

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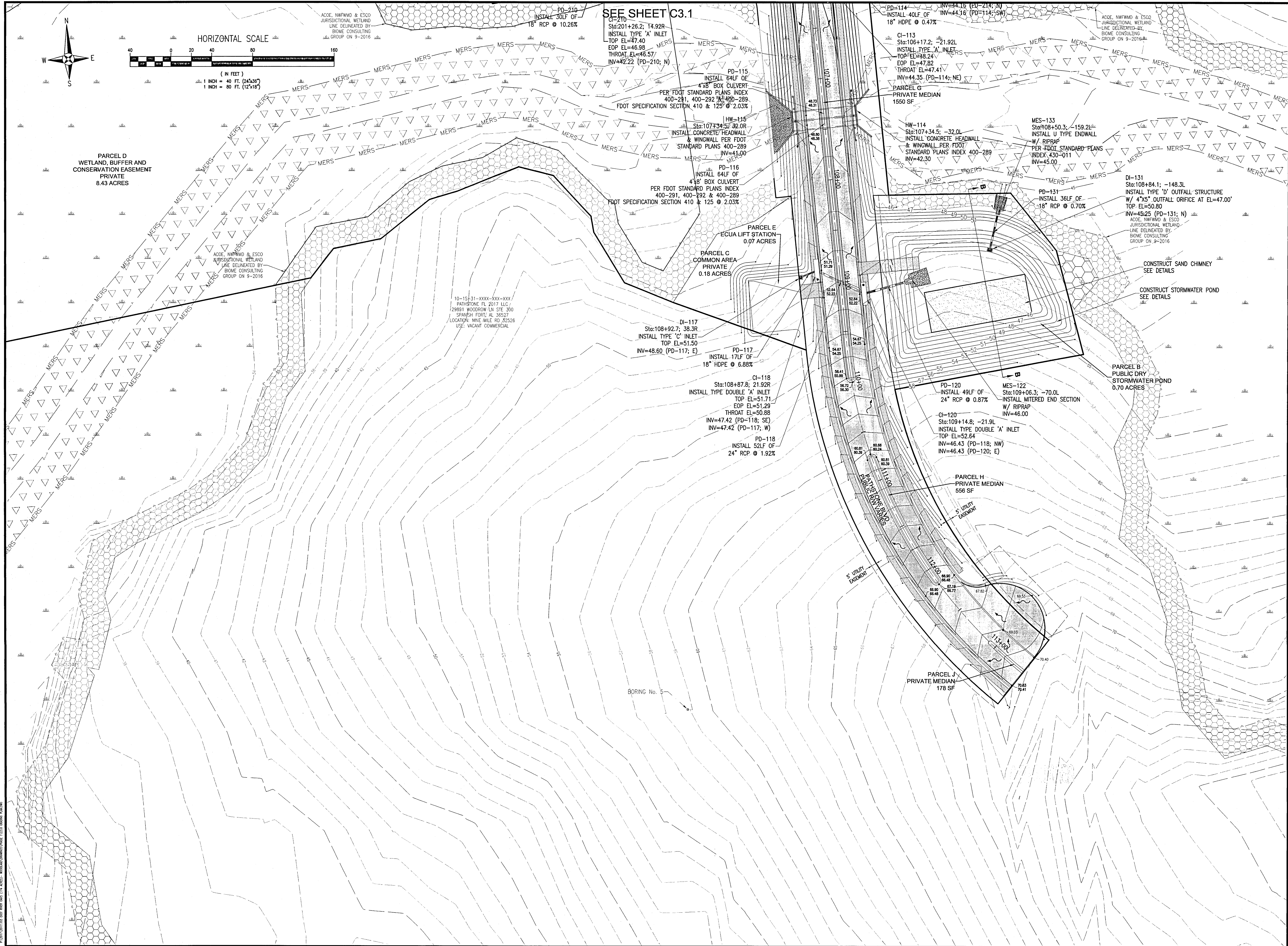


No.	DATE	REVISION



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

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GRADING & DRAINAGE PLAN

Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019
DRAWING No.

C3.2
SHEET 14 OF 32

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1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS WITH 4000 PSI CONCRETE.
2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
5. CONCRETE TO BE 2500 P.S.I., REINFORCING STEEL TO BE A.S.T.M. A 615 GRADE 60 OR PROVIDE PRE-CAST MANHOLE BASE SECTION IN CONFORMANCE WITH ASTM C-478.
6. CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



See General Note No. 5.
See Sheet 5 For 3" Slab Quantities

Values shown for estimating pipe quantities and are for information only.

B	E	
6.42'	6.25'	Dimensions permitted to allow use of 8" standard pipe length
10.40'	10.10'	Dimensions permitted to allow use of 12" standard pipe length

Concrete slab shall be deepened to form bridge across crown of pipe. See section below.



CROSS DRAIN MITERED END SECTION

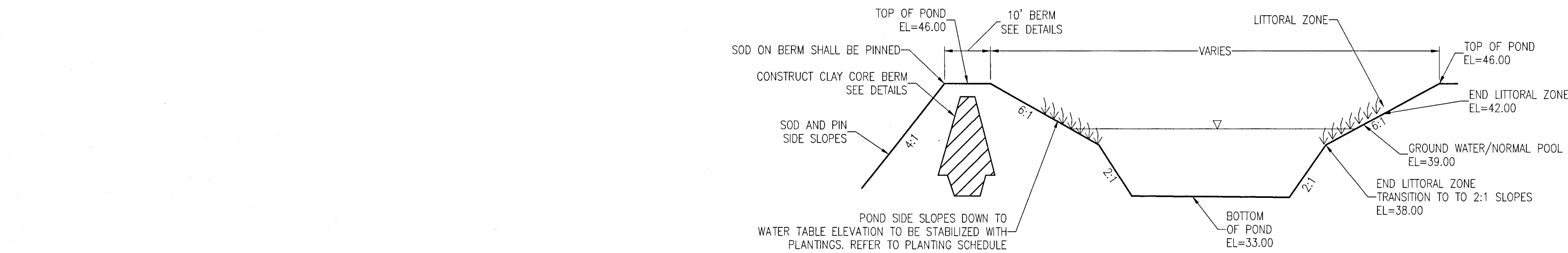


DIMENSIONS AND QUANTITIES FOR ONE U-ENDWALL										
Rate of Slope	D	Pipe Size		Baffle Locations (When Required)					Class I Concrete Cu. Yd.	Reinf. Concrete Lbs.
		A (Area)	L	H	W	S	B	C		
1:3	15"	123	5-5'	1-9"	3-2"	1-9"	1-9"	1-9"	1.19	51
	18"	127	6-0"	2-0"	3-7"	2-0"	2-0"	2-0"	1.42	96
	24"	314	7-6"	2-6"	2-1"	2-6"	2-6"	2-6"	2.54	246
	30"	491	9-0"	3-0"	4-10"	3-0"	3-0"	3-0"	2.54	96
	36"	123	7-6"	1-10"	3-2"	2-6"	2-6"	2-6"	1.54	64
1:4	18"	127	6-0"	2-0"	3-7"	2-0"	2-0"	2-0"	1.42	96
	24"	314	10-4"	2-7"	4-4"	3-6"	3-6"	3-4"	2.53	92
	30"	491	12-4"	3-1"	4-10"	4-2"	4-2"	4-0"	3.34	124
	36"	123	11-0"	1-11"	2-7"	2-6"	2-6"	2-6"	2.53	92
	42"	187	13-0"	2-2"	3-10"	4-4"	4-4"	4-4"	2.63	103
1:6	24"	314	13-0"	2-8"	4-4"	5-4"	5-4"	5-4"	3.59	143
	42"	314	13-0"	2-8"	4-4"	5-4"	5-4"	5-4"	3.59	143

U-TYPE CONCRETE ENDWALLS BAFFLES & GRATE OPTIONAL 15" TO 30" PIPE

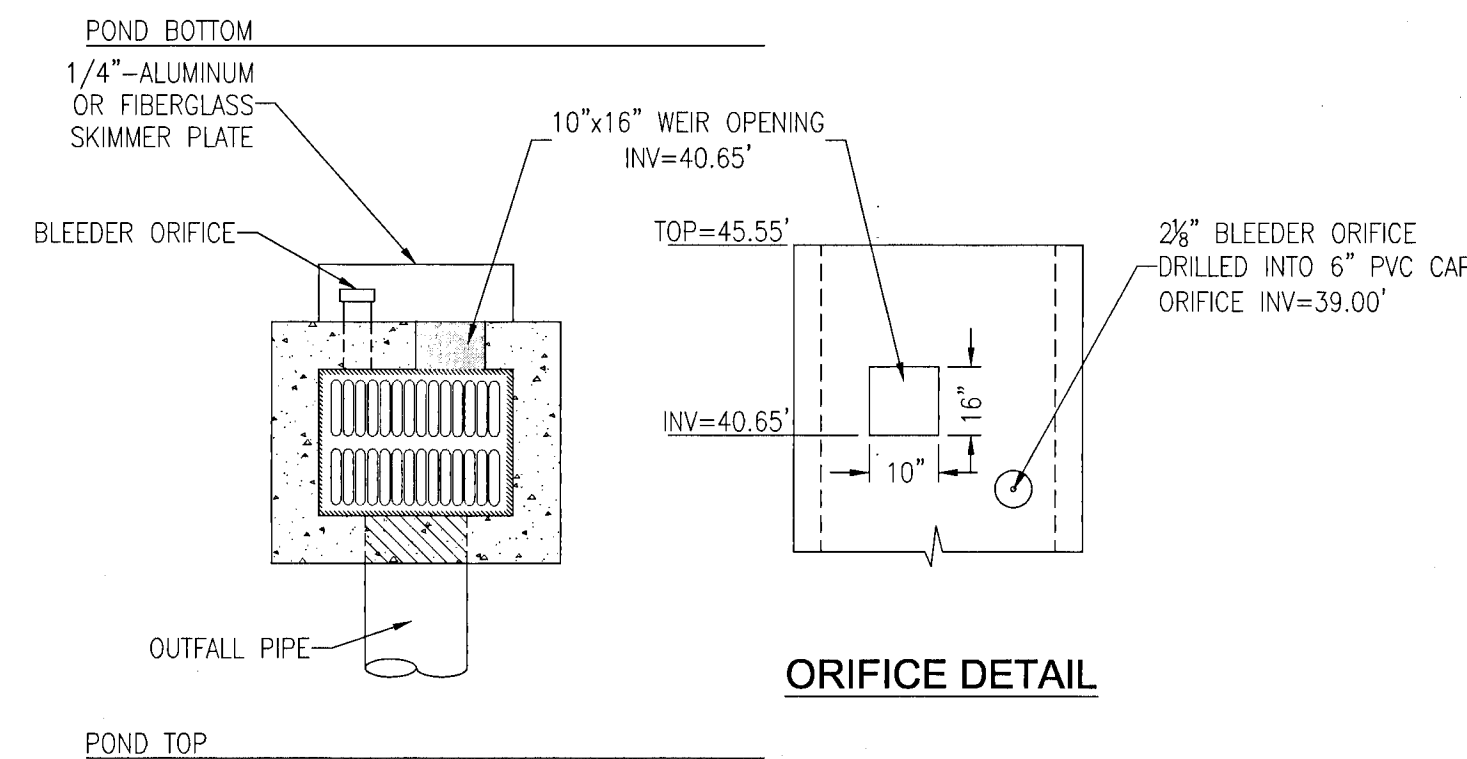
INDEX	SHEET
430-011	2 of 3

AS NOTED TO THE BEST OF THE ENGINEER'S KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT.

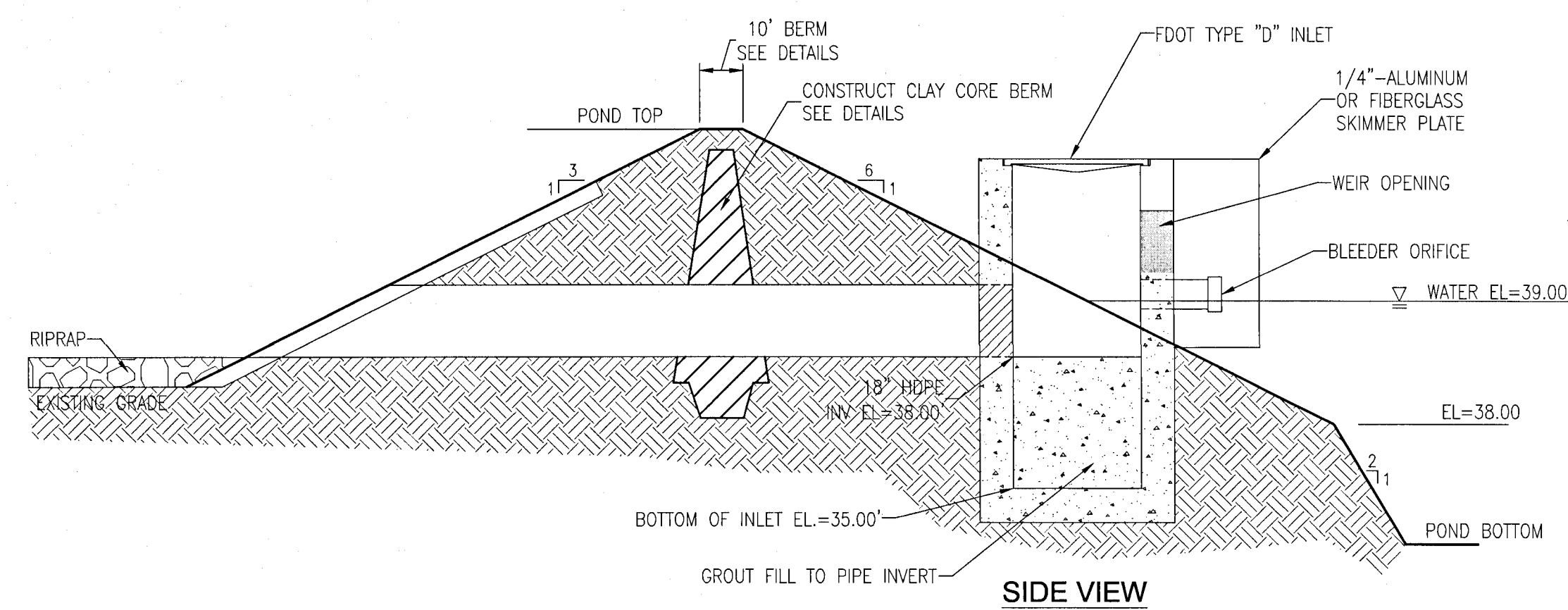


POND A CROSS SECTION
N.T.S.

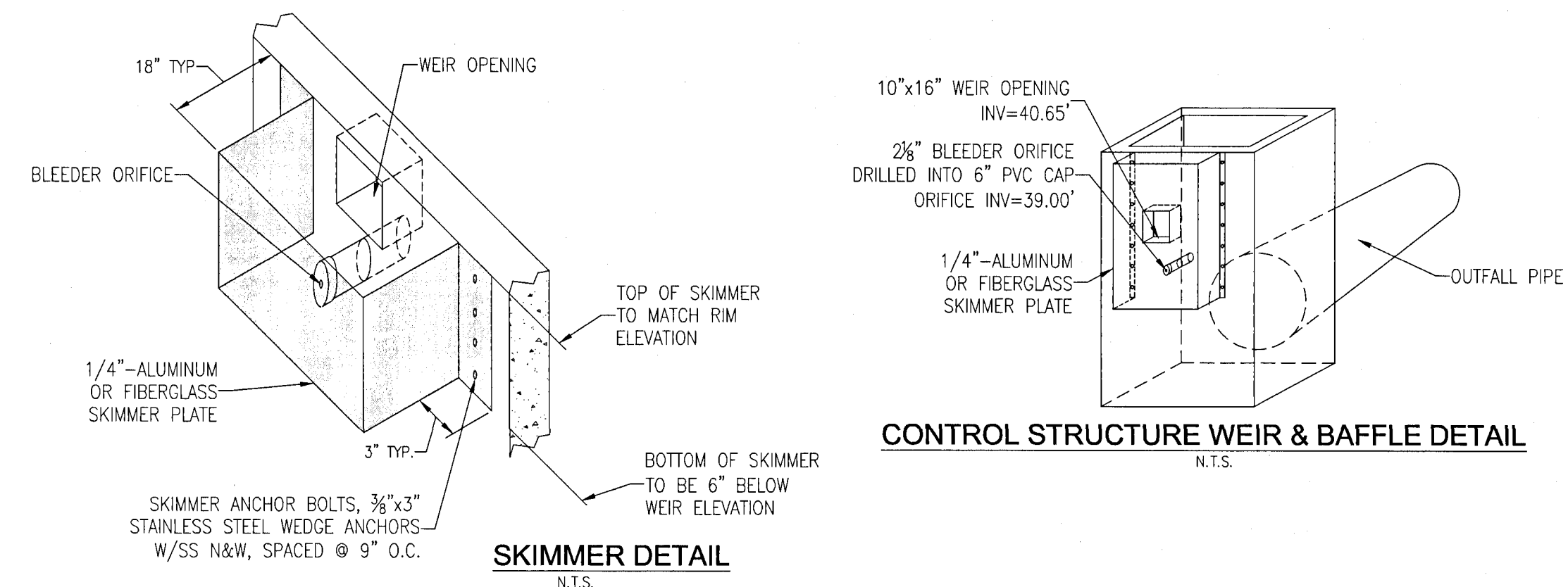
RETENTION POND PLANTING SCHEDULE			
ELEVATION	SCIENTIFIC NAME	COMMON NAME	AREA
41'-42'	CEPHALANTHUS OCCIDENTALIS	BUTTON BUSH	5015 SF
39.5'-41'	SOLIDAGO	GOLDENROD	7000 SF
38.5'-39.5'	JUNCUS EFFUSUS	SOFT RUSH	4200 SF
38'-38.5'	PONTEDERIA CORDATA	PICKEREL WEED	2000 SF



ORIFICE DETAIL
N.T.S.

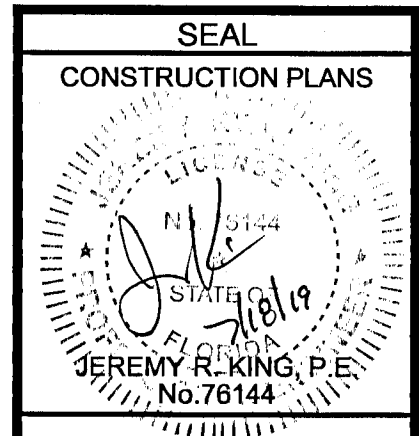


SIDE VIEW
N.T.S.



OUTFALL / LEVEL CONTROL STRUCTURE DETAIL
N.T.S.

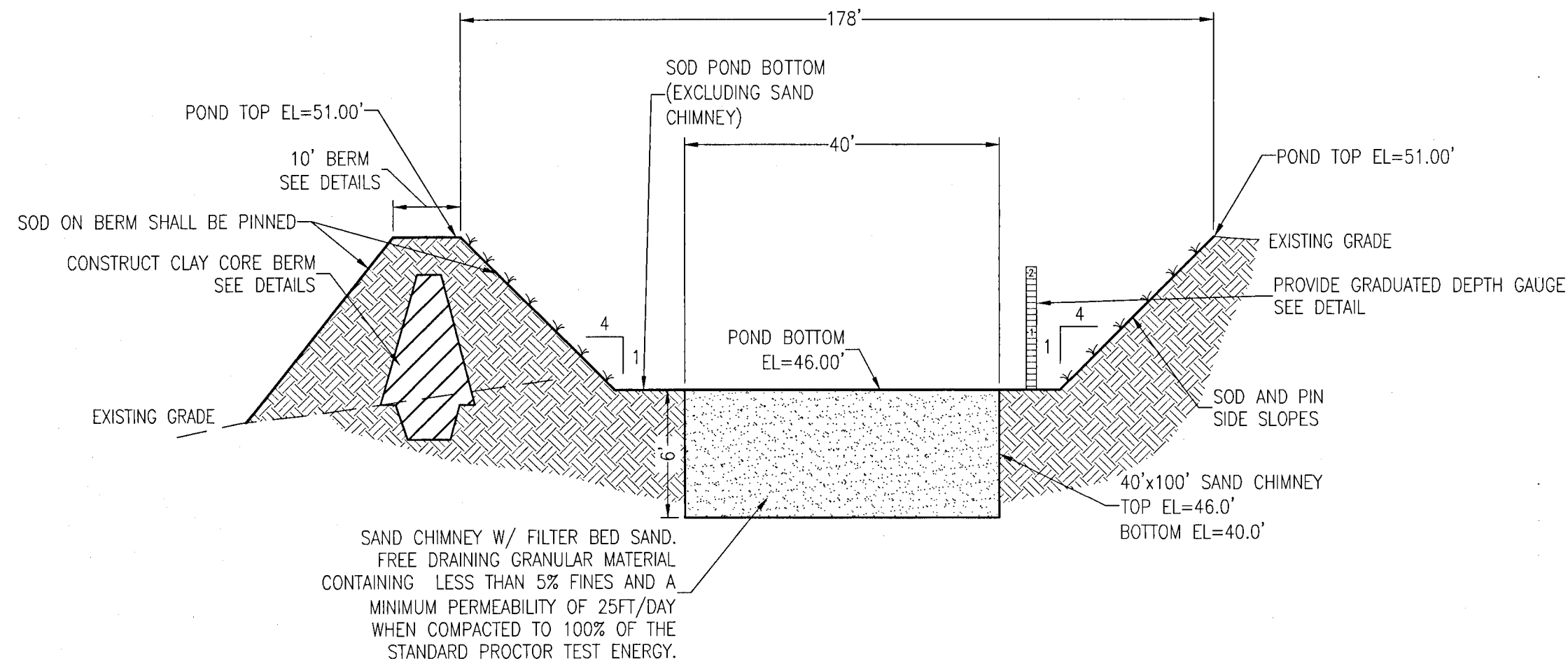
REVISION	DATE	BY	CHKD
No.			



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

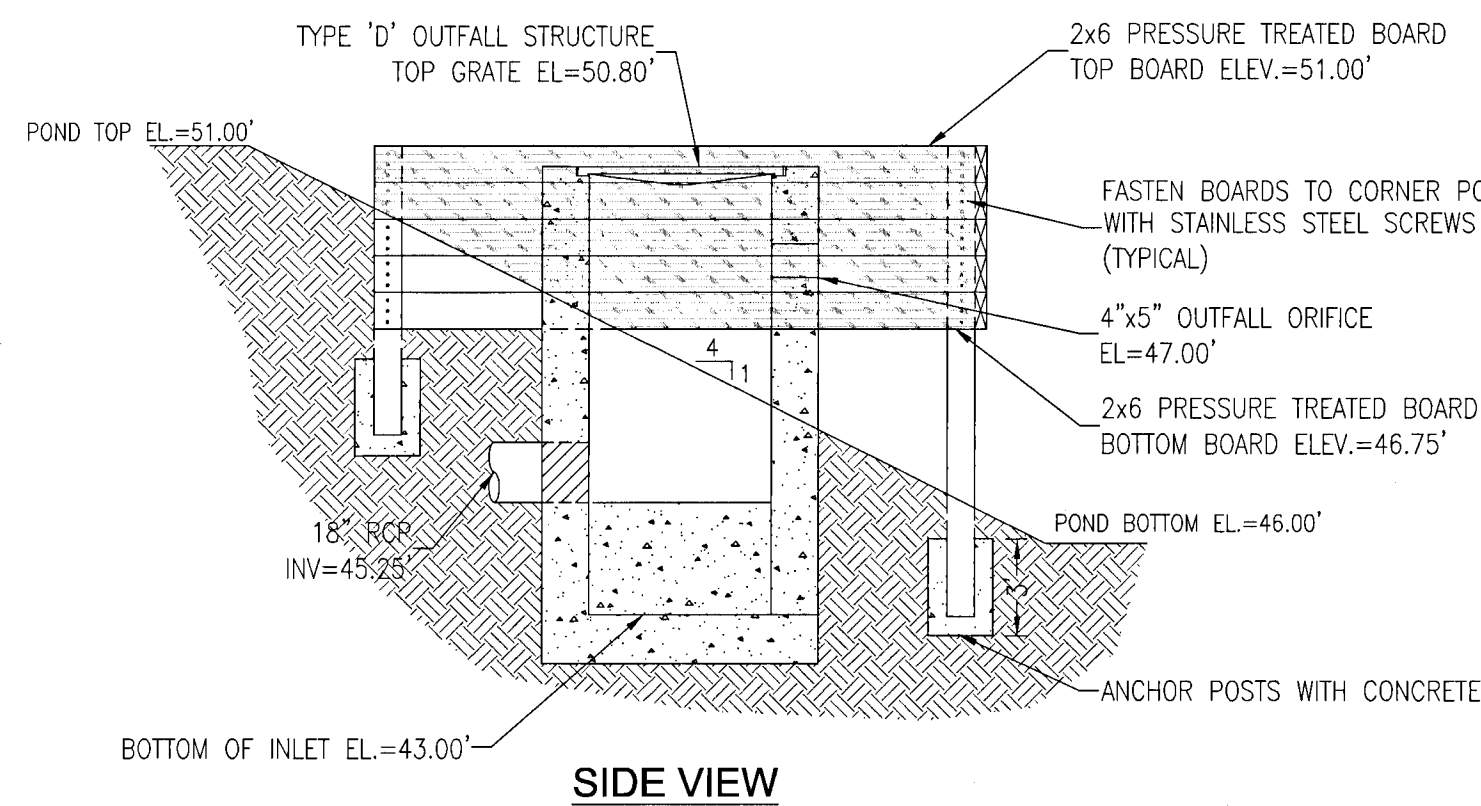
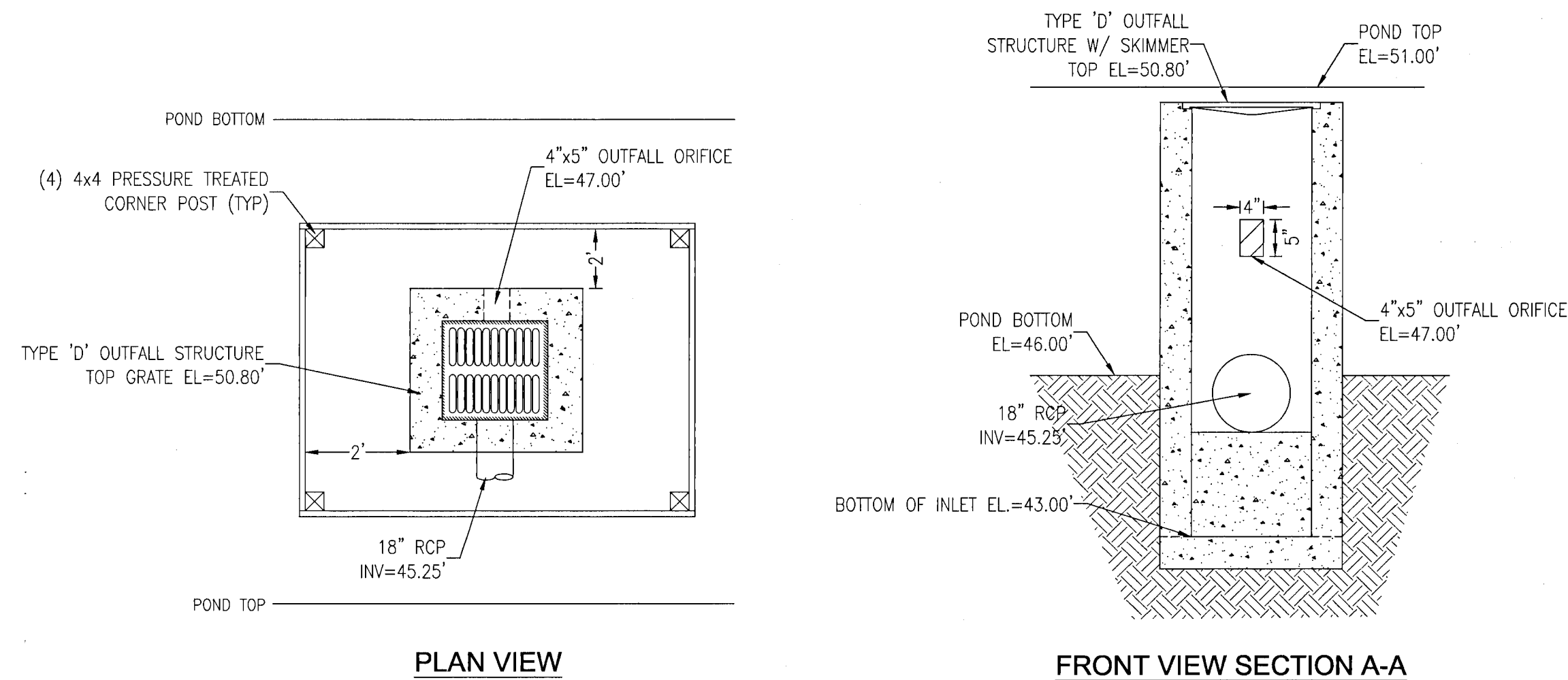
DRAWING No.

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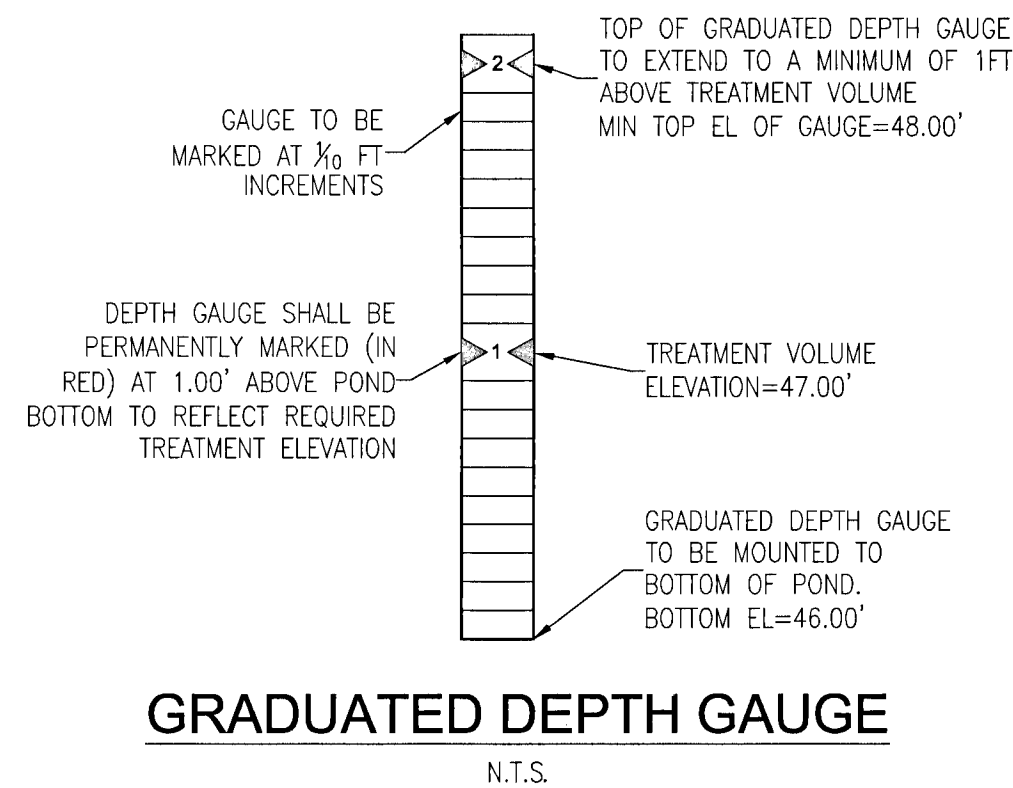


1. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE BOTTOM OF THE CHIMNEY IS KEYING INTO THE PERMEABLE LAYER THAT IS UTILIZED IN THE DESIGN CALCULATIONS. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
2. A REGISTERED PROFESSIONAL MUST BE PRESENT ON-SITE TO VERIFY THAT THE LESS PERMEABLE MATERIAL HAS BEEN REMOVED TO AN APPROPRIATE DEPTH IN THE BOTTOM OF THE CHIMNEY, PRIOR TO INSTALLING THE CHIMNEY MATERIAL. REPRESENTATIVES OF BOTH REBOL-BATTLE & ASSOCIATES AND NOVA ENGINEERING & ENVIRONMENTAL SHALL BE PRESENT.
3. THE SAND CHIMNEY SHOULD BE INSTALLED SO THAT IT WILL KEY INTO THE ORANGE FINE GRAINED SANDS (SP) SOIL STRATUM ENCOUNTERED FROM ABOUT 13FT TO 16FT BELOW EXISTING GRADE.
4. THE ENTIRE BANK SLOPE & BOTTOM (WITH THE EXCEPTION OF THE SAND CHIMNEY) SHALL BE SODDED IN A MANNER TO GUARANTEE HEALTHY GRASS GROWTH (FREE FROM NOXIOUS WEEDS) SUCH AS ST. AUGUSTINE, CENTIPEDE OR OTHER SUITABLE GRASS. SOD ON SIDE SLOPES SHALL BE PINNED.

**CROSS SECTION B-B
RETENTION POND W/ SAND CHIMNEY DETAIL**
N.T.S.



TYPE 'D' OUTFALL STRUCTURE DETAIL
N.T.S.



No.	DATE	REVISION

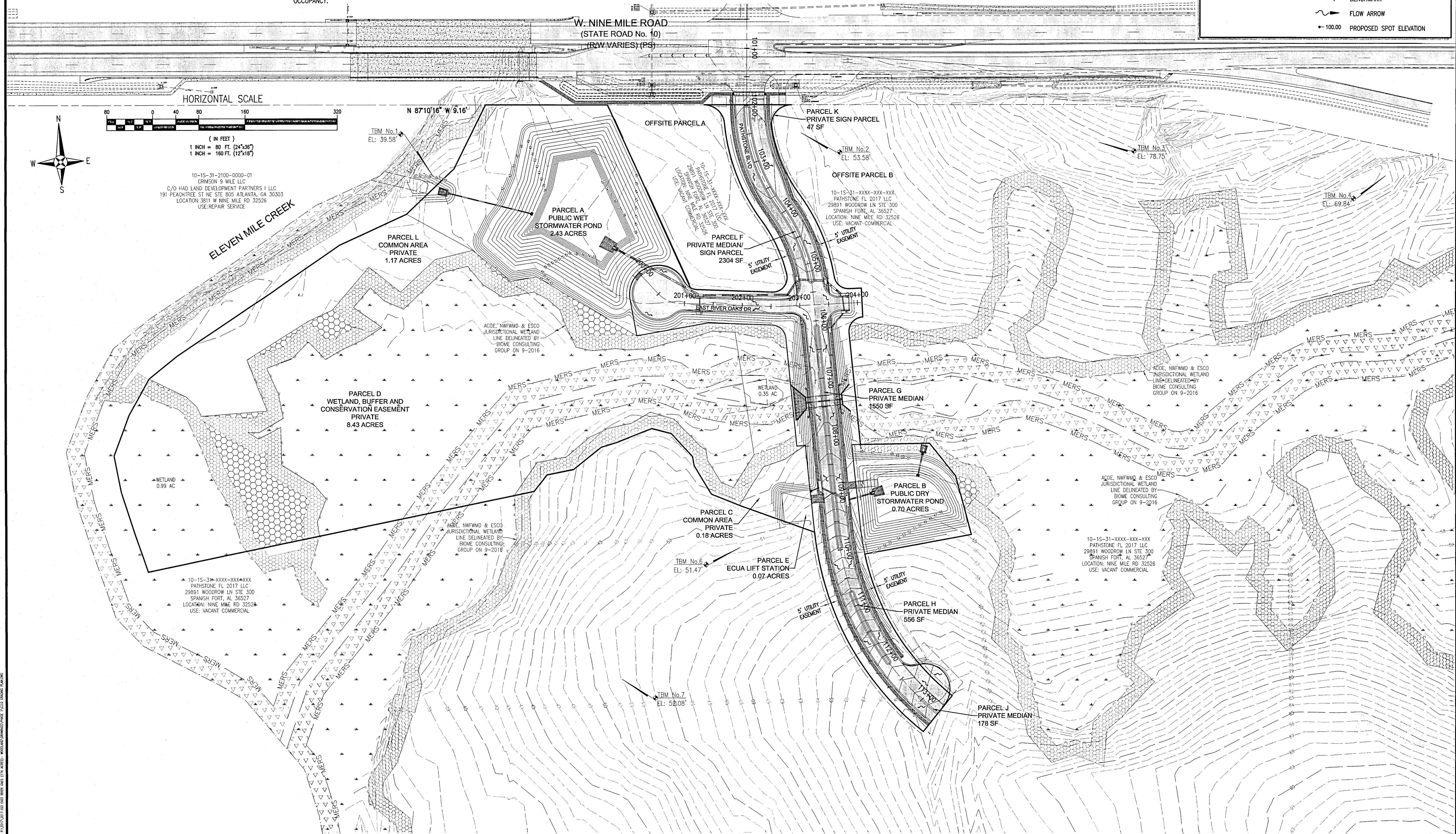
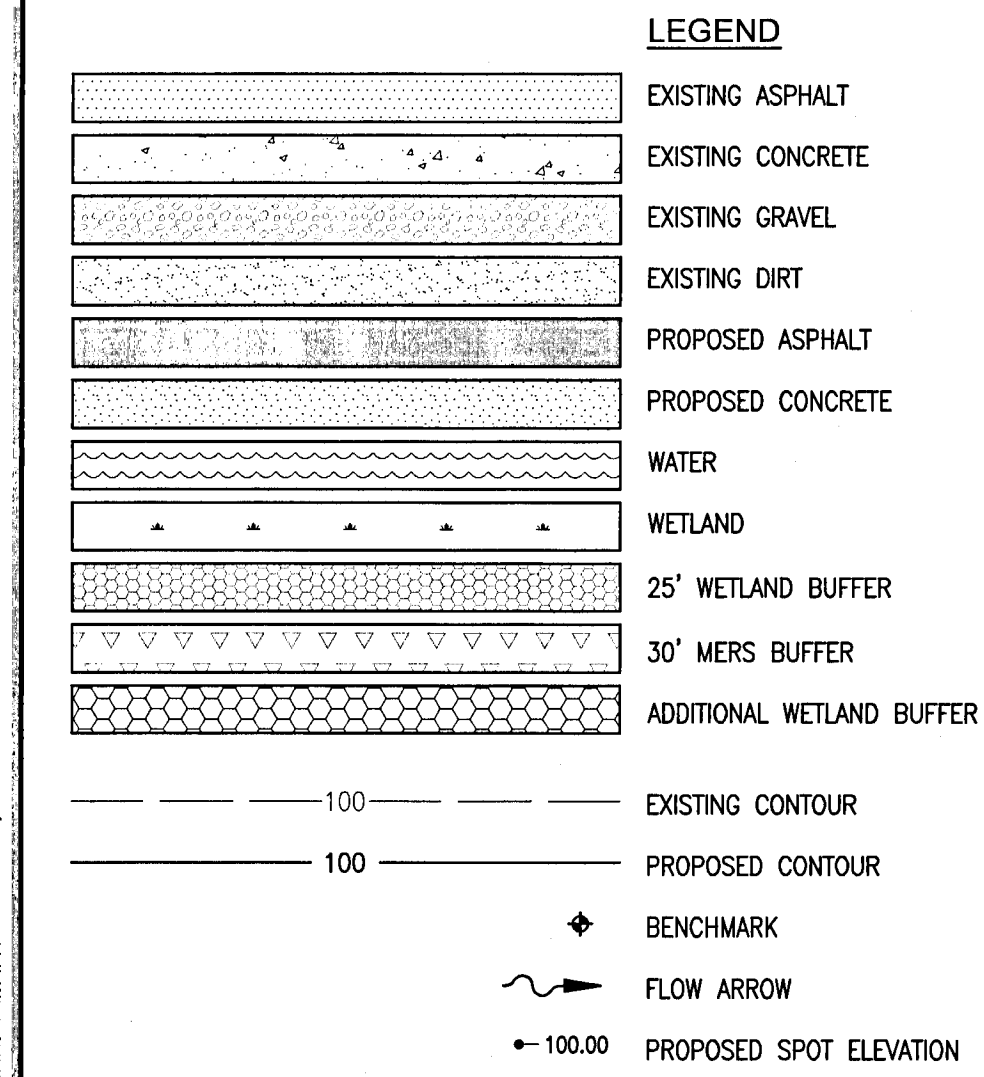
SEAL
CONSTRUCTION PLANS
JEREMY R. KING, P.E.
No. 76144
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019
DRAWING No.
C3.5
17 OF 32

1. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON THE SITE. IMPROPER SEDIMENT MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION(S).
2. NOTIFY SUNSHINE 811 A MINIMUM OF 72 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN RIGHT-OF-WAY. (CALL - 811)
3. THE CONTRACTOR SHALL CONTROL STORMWATER DURING ALL PHASES OF CONSTRUCTION.
4. ALL DISTURBED AREAS WHICH ARE NOT SODDED OR PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER, AND MULCH AND/OR HYDROSEED. SEEDING AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS. SEED IN ACCORDANCE WITH FDOT SECTION 570 AND STANDARD INDEX 105
5. DEVELOPER/CONTRACTOR/HOME OWNER'S ASSOCIATION SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETENTION/DETENTION POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND AT THE END OF THE 2-YEAR WARRANTY PERIOD.
6. ON SITES > 1 ACRE, IF > CONTIGUOUS ACRE IS CLEARED, A GROUND COVER SUFFICIENT TO PREVENT EROSION SHOULD BE PLANTED OR OTHERWISE STABILIZED WITHIN 10 WORKING DAYS ON THAT PORTION OF THE SITE UPON WHICH FURTHER ACTIVE CONSTRUCTION WILL NOT BE UNDERTAKEN WITHIN 90 DAYS.

7. TO COMPLY WITH NPDES REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1" RAINFALL OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS; INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES PERMIT APPLICANT FOR PROPER REPORTING TO FDEP/NFWFMD.
8. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED FOR "AS-BUILT" APPROVAL/ACCEPTANCE (RIGHT-OF-WAY TO REMAIN PRIVATE). IF TIME CONSTRAINTS EXIST DURING THE FINAL PLAT APPROVAL AND ACCEPTANCE PROCESS, A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED WILL BE ACCEPTABLE.
9. ALL NEW BUILDING ROOF DRAINS, DOWN SPOUTS, OR GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO RETENTION/DETENTION AREAS.
10. NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM BOTH THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN COUNTY ACCEPTANCE OF IMPROVEMENTS.
11. THE CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING, ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO COUNTY ACCEPTANCE OF IMPROVEMENTS.
12. ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO ISSUANCE OF A FINAL CERTIFICATE OF OCCUPANCY.

13. THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS (§95-3434). AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.
14. THE PROJECT ENGINEER SHALL PROVIDE TO ESCAMBIA COUNTY "AS-BUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUESTING A FINAL INSPECTION AND CERTIFICATE OF OCCUPANCY, OR PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION OR THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.
15. THE OWNER/CONTRACTOR SHALL COORDINATE ANY ANTICIPATED COMMENCEMENT OF CONSTRUCTION WITH THE ENGINEER OF RECORD. AT LEAST 48 HOURS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE CONSTRUCTION COMMENCEMENT NOTICE FORM 62-330.350(1).
16. UPON SUBSTANTIAL COMPLETION, THE OWNER/CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD. THE ENGINEER OF RECORD IS RESPONSIBLE FOR INSPECTION OF THE PERMITTED FACILITY FOR COMPLIANCE WITH THE APPROVED PERMIT. THE ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR SUBMITTING THE "AS BUILT" CERTIFICATION AND REQUEST FOR CONVERSION TO OPERATIONAL PHASE FOR 62-330.310(1) WITHIN 30 DAYS AFTER WORK IS DEEMED COMPLETE.
17. THE OPERATION AND MAINTENANCE OF THE FACILITY WILL BE THE RESPONSIBILITY OF THE OWNER, AS IN ACCORDANCE WITH THE APPROVED PERMIT.

18. ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE EASEMENTS SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.
19. MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES.
20. RIGHT-OF-WAY SHOULDER STABILIZATION SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
21. CONTRACTOR SHALL NOTIFY EOR OF ANY PERCHED GROUNDWATER ENCOUNTERED ON SITE. THE PRESENCE OF PERCHED GROUNDWATER MAY NECESSITATE THE INSTALLATION OF ROADSIDE UNDERDRAINS.
22. CONTRACTOR SHALL INSTALL UNDERDRAINS TO INTERCEPT PERCHED GROUNDWATER ENTERING PONDS THROUGH THE SIDE SLOPES. IN THE EVENT A STABILIZED PERMANENT GROUNDWATER TABLE IS ENCOUNTERED DURING POND EXCAVATION, THE CONTRACTOR SHALL NOTIFY EOR AND A MODIFICATION TO POND DESIGN SHALL BE SUBMITTED TO THE NWFWMF.
23. CONVEYANCE SWALES SHALL BE BUILT BY THE CONTRACTOR AND SIDE YARD SWALES SHALL BE BUILT BY THE HOME BUILDER.
24. HOME EQUIPMENT (I.E. A/C UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF THE SIDE YARD SWALES.
25. FOUNDATIONS OTHER THAN SLAB ON GRADE OR RETAINING WALLS BY HOME BUILDER MAY BE REQUIRED.





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NEIGHBORHOOD GRADING & DRAINAGE PLAN

**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

No.	DATE	REVISION

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OFFSITE PARCEL A	49,245 SF
OFFSITE PARCEL B	352,858 SF
PHASE 1 ECUA LIFT STATION	2,500 SF

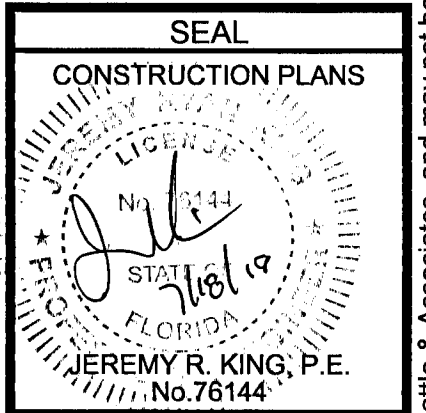
TOTAL NEW INFRASTRUCTURE
PHASE 1 84,679 SF (ROADWAY, SIDEWALK, CURB)

TOTAL IMPERVIOUS AREA FOR POST DEVELOPMENT CONDITIONS	84,679 SF (NEW INFRASTRUCTURE, LOTS)
---	--------------------------------------



**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

No.	DATE	REVISION



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

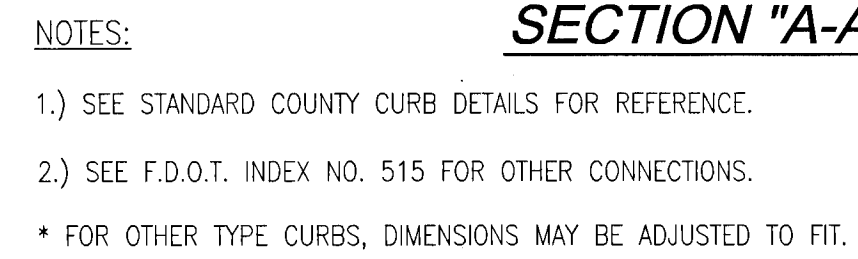
DRAWING No.

C3.7
SHEET 19 OF 32

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- 1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
- 2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1½" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE - 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE. COMPACTION AND TESTING IF NECESSARY, THIS WILL BE THE RESPONSIBILITY OF THE OWNER/CONTRACTOR.
- 3) DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE (4" IN DEPTH) ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
- 4) IF NECESSARY, REFER TO FDOT INDEX DETAILS AS REFERENCED BELOW.
- 5) RADIUS OR FLARE IS REQUIRED FOR TYPE II OR TYPE III CONNECTIONS. SEE DETAIL.
- 6) PARKING SPACES WITHIN COUNTY RIGHT-OF-WAY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
- 7) TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.

CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.



NOT TO SCALE

UTILITY NOTES:

1. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT LOCATION AND DEPTH OF EXISTING UTILITIES AND TO DETERMINE IF OTHER UTILITIES WILL BE ENCOUNTERED DURING THE COURSE OF THE WORK AND TAKE WHATEVER STEPS NECESSARY TO PROVIDE FOR THEIR PROTECTION.
2. THE CONTRACTOR SHALL COORDINATE WITH ECUA, GULF POWER, OR ANY OTHER UTILITY COMPANIES HAVING JURISDICTION FOR REMOVAL/RELOCATION AND/OR PROTECTION OF EXISTING UTILITY POLES, AERIAL LINES, FIRE HYDRANTS, AND OTHER UTILITIES AS NECESSARY TO COMPLETE CONSTRUCTION.
3. ADEQUATE PROVISIONS SHALL BE MADE FOR THE FLOW OF SEWERS, DRAINS AND WATER COURSES ENCOUNTERED DURING CONSTRUCTION.
4. THE CONTRACTOR SHALL NOTIFY THE APPROPRIATE UTILITY COMPANIES 72 HOURS (3 BUSINESS DAYS) PRIOR TO BEGINNING CONSTRUCTION.
5. THE CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH ESCAMBIA COUNTY AND THE ECUA GUIDELINES.
6. THE CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR BUILDING UTILITY CONNECTIONS.
7. ALL CONNECTIONS TO THE ECUA SEWER SYSTEM SHALL BE MADE WITH ECUA PERSONNEL PRESENT.
8. ANY REMOVAL OR RELOCATION OF ECUA WATER/SEWER UTILITIES MUST BE APPROVED IN WRITING PRIOR TO THE WORK BEING DONE.
9. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES

10. ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE ACCESS EASEMENTS SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.
11. ALL CROSSINGS UNDER EXISTING COUNTY ROADS SHALL BE DONE BY JACK AND BORE METHOD. OPEN CUTTING OF COUNTY ROADS IS PROHIBITED.
12. ROUGH GRADE OF RIGHT-OF-WAY MUST BE ESTABLISHED PRIOR TO COMMON TRENCH UTILITY INSTALLATION TO ENSURE UTILITIES ARE INSTALLED AT PROPER DEPTHS. THE MINIMUM COVER DIMENSION SHALL BE MEASURED FROM THE PROPOSED GRADE IF ROAD IS IN FILL AND MEASURED FROM TOP OF CURB IF FUTURE ROAD IS IN CUT.
13. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF BASE MATERIAL TO ASSIST IN THE COORDINATION OF ALL OTHER UNDERGROUND UTILITIES.
14. FORCE MAIN LOCATED IN RIGHT-OF-WAY & UTILITY EASEMENTS SHALL BE MAINTAINED BY ECUA.
15. ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W OR UTILITY CONDUIT FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING. NO STREETS OR ROADS UNDER THE TWO (2) YEAR WARRANTY WILL BE ALLOWED TO BE OPEN CUT OR JACK AND BORED UNLESS SPECIFICALLY APPROVED BY THE COUNTY ENGINEER. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED WHENEVER POSSIBLE. IF COMMON TRENCHING IS NOT A FEASIBLE OPTION, THE DEVELOPER SHALL INSTALL CONDUIT FOR THE UTILITY NOT PARTICIPATING IN THE COMMON TRENCHING FOR ALL ROAD CROSSINGS AND UTILITY COMPANY WILL BE REQUIRED TO USE THE CONDUIT. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
TBM NO.1	NAIL AND DISK SET	569087.2640	1073545.7589	39.58'
TBM NO.2	NAIL AND DISK SET	569131.7534	1074186.1723	53.58'
TBM NO.3	NAIL AND DISK SET	569089.9764	1074699.3937	78.75'
TBM NO.6	NAIL AND DISK SET	568418.3549	1074044.2635	51.47'
TBM NO.7	NAIL AND DISK SET	568200.3382	1073827.6523	52.08'

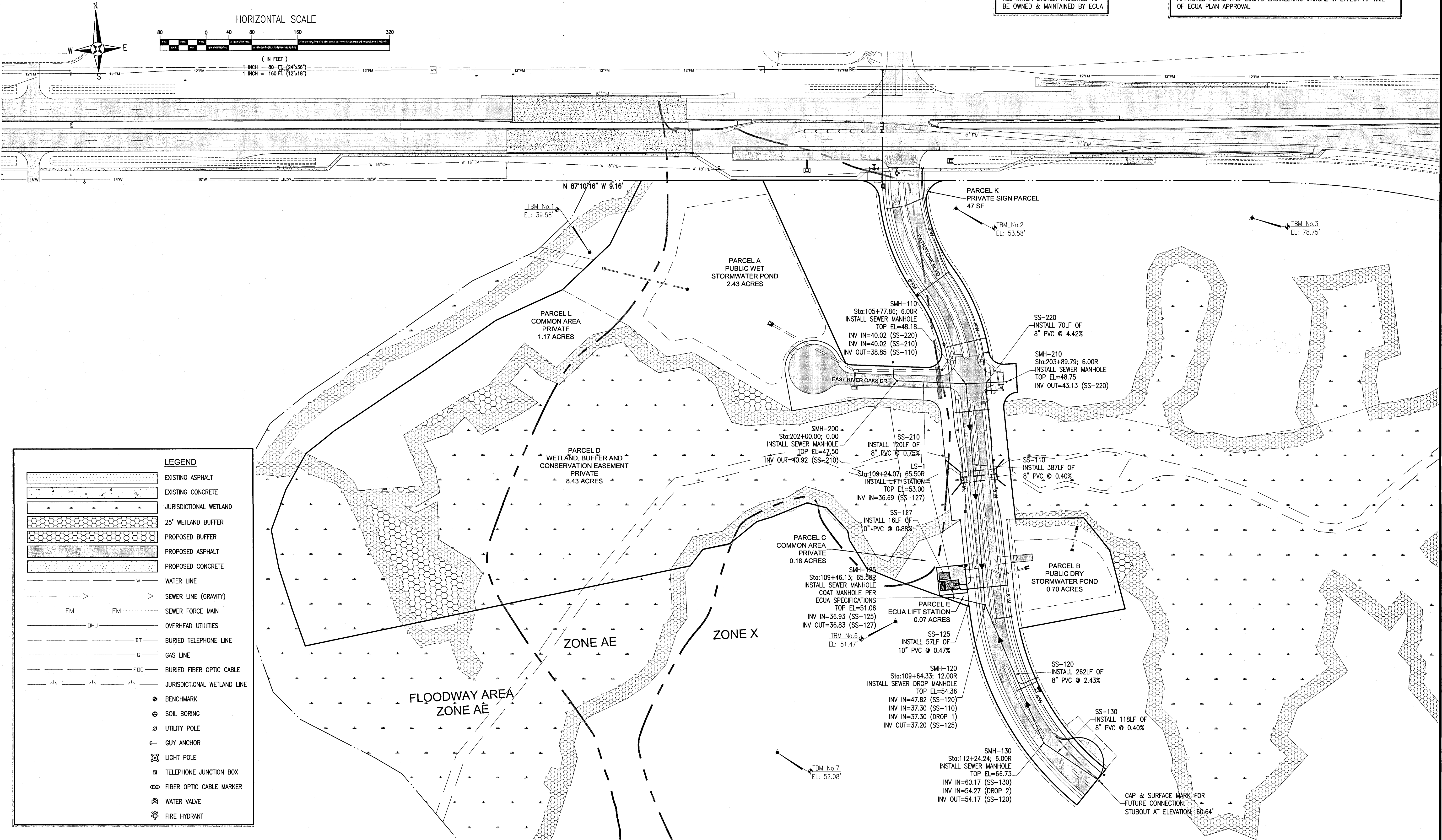
UTILITY DETAIL REFERENCE NOTE:

REFER TO ECUA ENGINEERING MANUAL (9-1-2016) DIVISION 4 FOR ALL ECUA STANDARD DETAILS.

ALL WORK THAT WILL BECOME ECUA OWNED SHALL BE DESIGNED, CONSTRUCTED, AND TESTED IN ACCORDANCE WITH THE ECUA STAMPED APPROVED PLANS AND ECUA'S ENGINEERING MANUAL IN EFFECT AT TIME OF ECUA PLAN APPROVAL.

NOTE:

ALL WATER SYSTEM FACILITIES TO BE OWNED & MAINTAINED BY ECUA

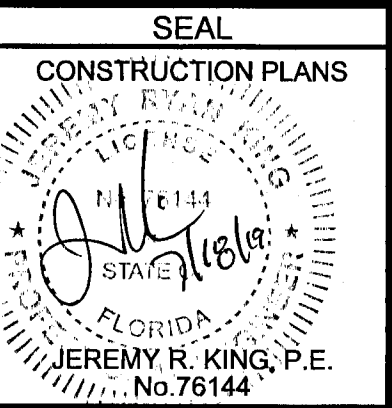


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 EB 00009657

UTILITY PLAN

Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
 ESCAMBIA COUNTY, FLORIDA

REVISION	DATE	No.

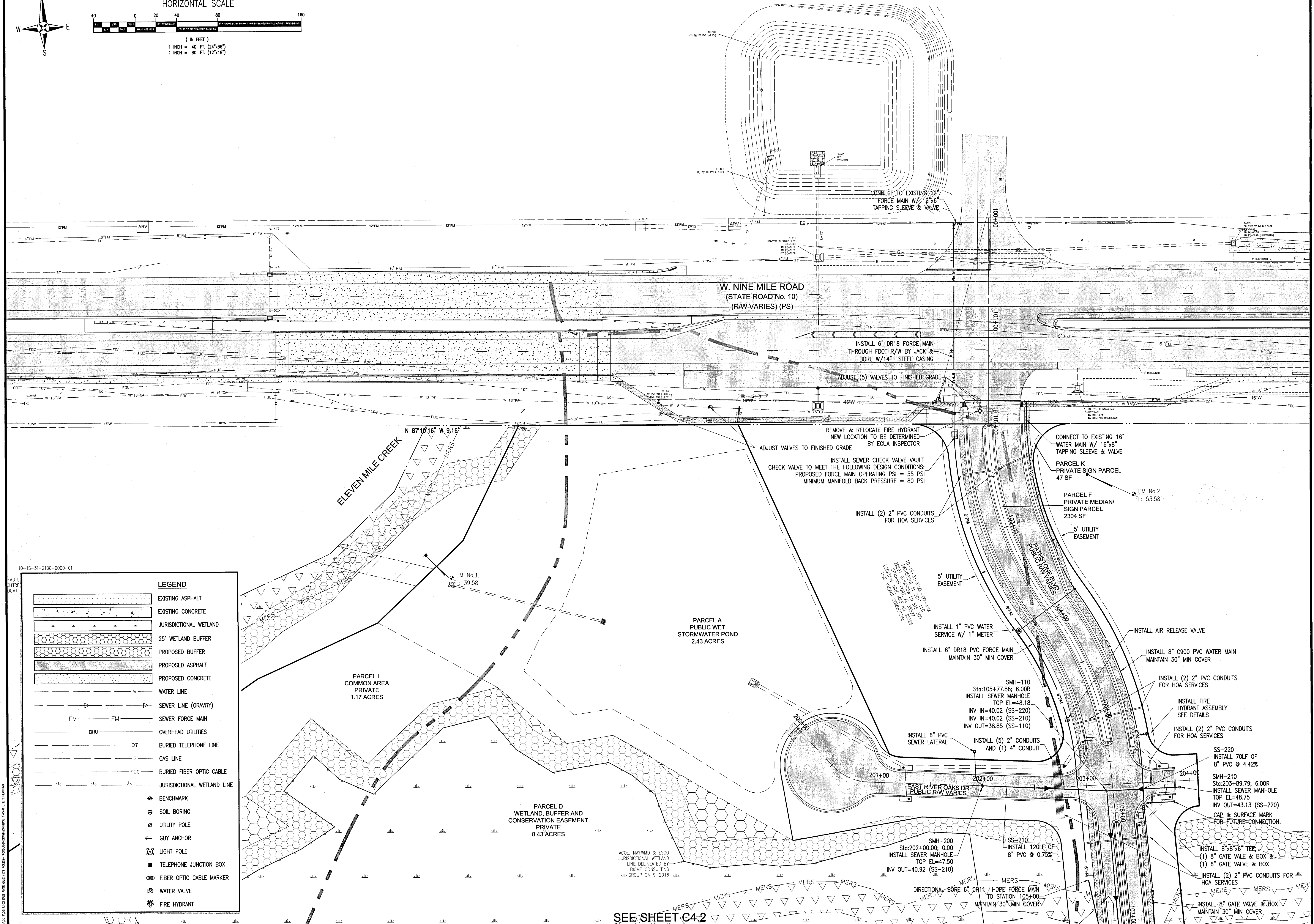
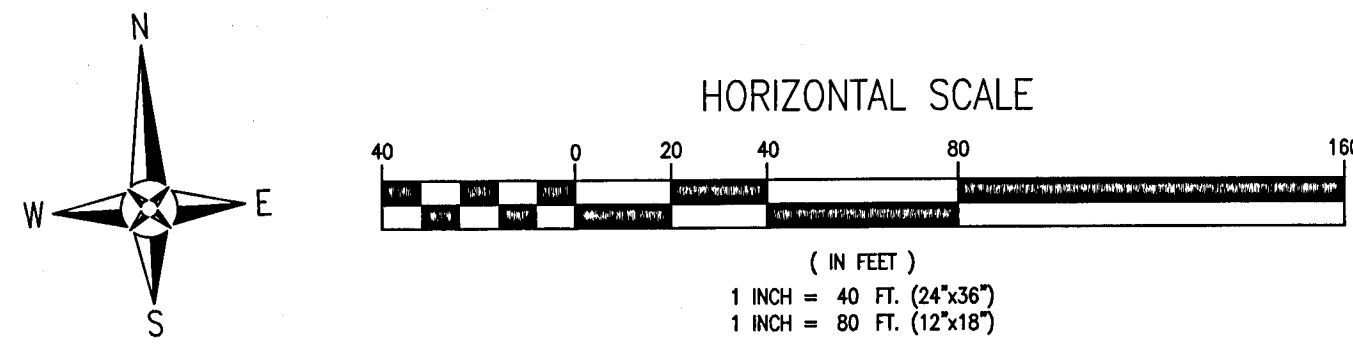


Dr. By: CBD
 Ck By: JRK
 Job No.: 2017.103
 Date: 7/18/2019

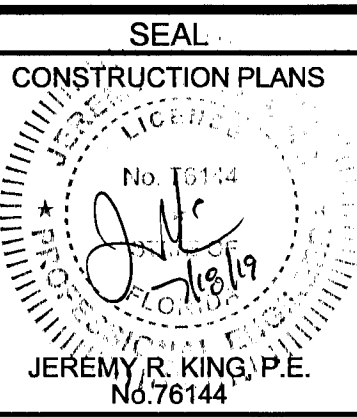
DRAWING No.

C4.0
 SHEET 20 OF 32

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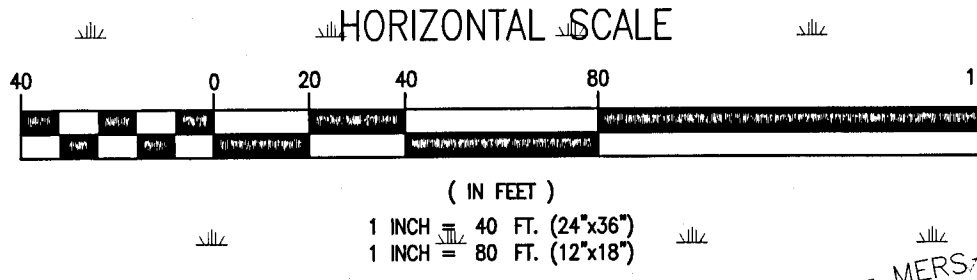
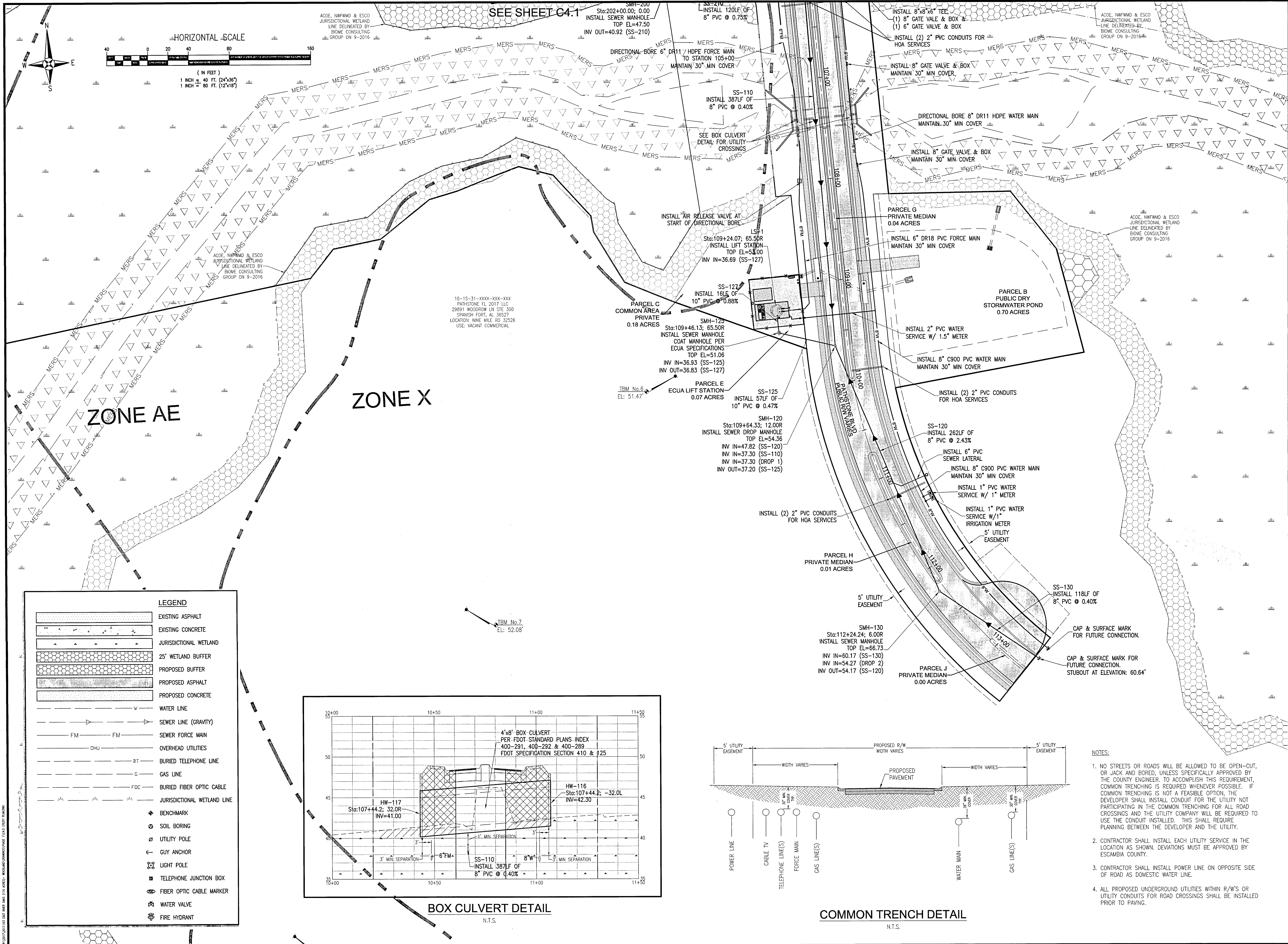


REVISION	DATE	NO.

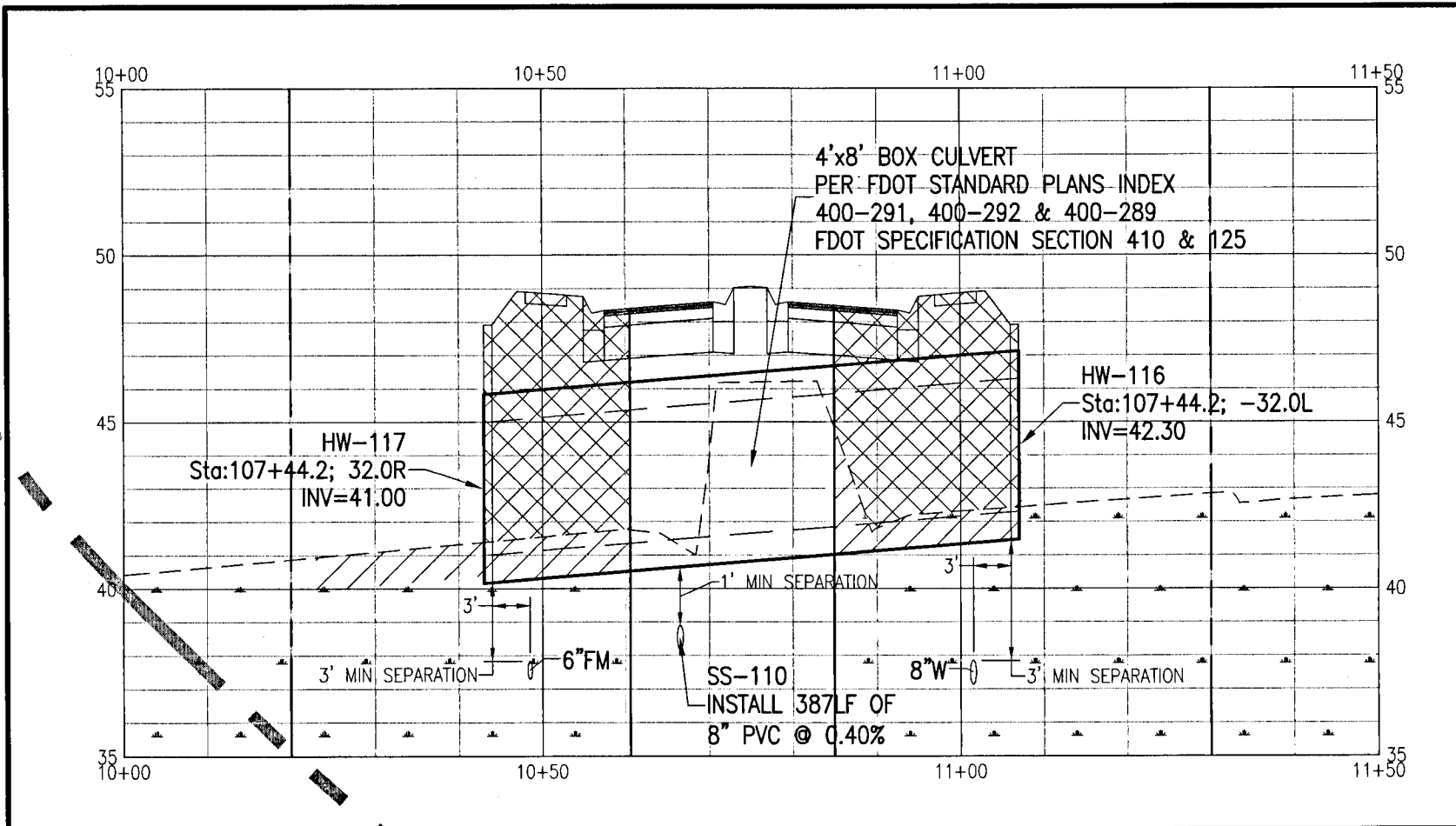


Dr. By: CBD
Ck By: JRK
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Date: 7/18/2019

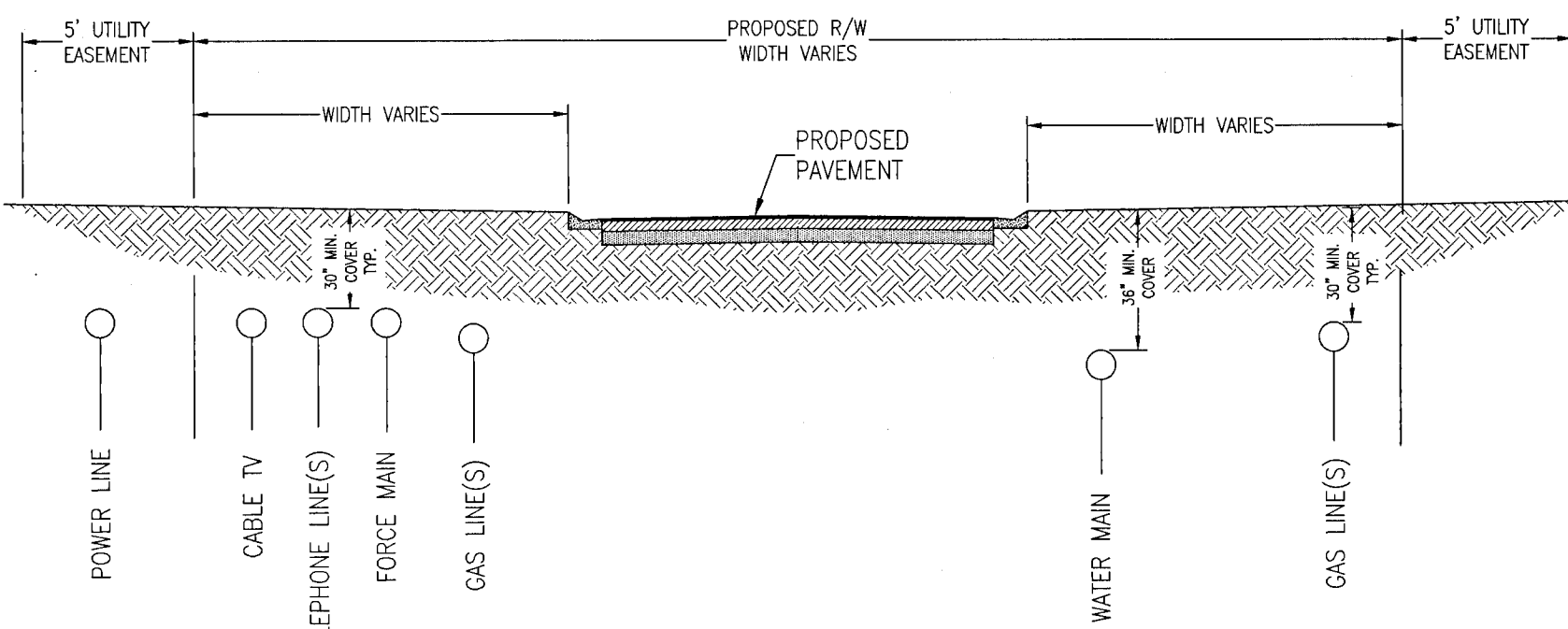
DRAWING No.
C4.1
SHEET 21 OF 32



LEGEND	
	EXISTING ASPHALT
	EXISTING CONCRETE
	JURISDICTIONAL WETLAND
	25' WETLAND BUFFER
	PROPOSED BUFFER
	PROPOSED ASPHALT
	PROPOSED CONCRETE
	WATER LINE
	SEWER LINE (GRAVITY)
	FM SEWER FORCE MAIN
	OVERHEAD UTILITIES
	BURIED TELEPHONE LINE
	GAS LINE
	BURIED FIBER OPTIC CABLE
	JURISDICTIONAL WETLAND LINE
	BENCHMARK
	SOIL BORING
	UTILITY POLE
	GUY ANCHOR
	LIGHT POLE
	TELEPHONE JUNCTION BOX
	FIBER OPTIC CABLE MARKER
	WATER VALVE
	FIRE HYDRANT



BOX CULVERT DETAIL
N.T.S.



COMMON TRENCH DETAIL
N.T.S.

- NOTES:
- NO STREETS OR ROADS WILL BE ALLOWED TO BE OPEN-CUT, OR JACK AND BORED, UNLESS SPECIFICALLY APPROVED BY THE COUNTY ENGINEER. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED WHENEVER POSSIBLE. IF COMMON TRENCHING IS NOT A FEASIBLE OPTION, THE DEVELOPER SHALL INSTALL CONDUIT FOR THE UTILITY NOT PARTICIPATING IN THE COMMON TRENCHING FOR ALL ROAD CROSSINGS AND THE UTILITY COMPANY WILL BE REQUIRED TO USE THE CONDUIT INSTALLED. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.
 - CONTRACTOR SHALL INSTALL EACH UTILITY SERVICE IN THE LOCATION AS SHOWN. DEVIATIONS MUST BE APPROVED BY ESCAMBIA COUNTY.
 - CONTRACTOR SHALL INSTALL POWER LINE ON OPPOSITE SIDE OF ROAD AS DOMESTIC WATER LINE.
 - ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W'S OR UTILITY CONDUITS FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING.

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UTILITY PLAN

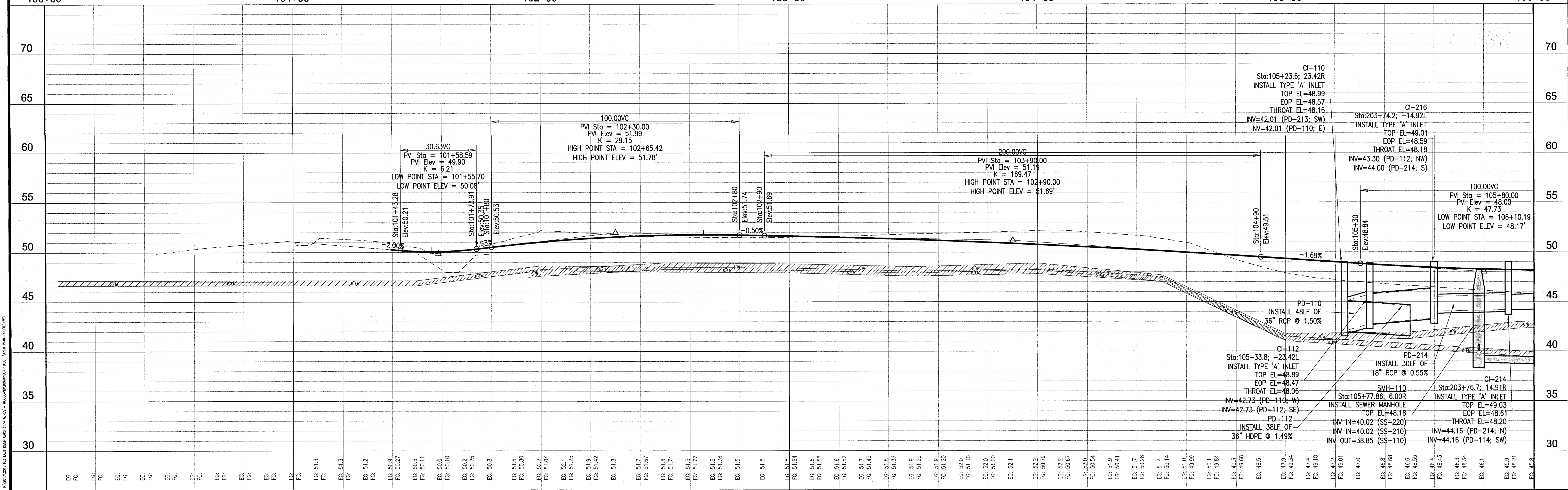
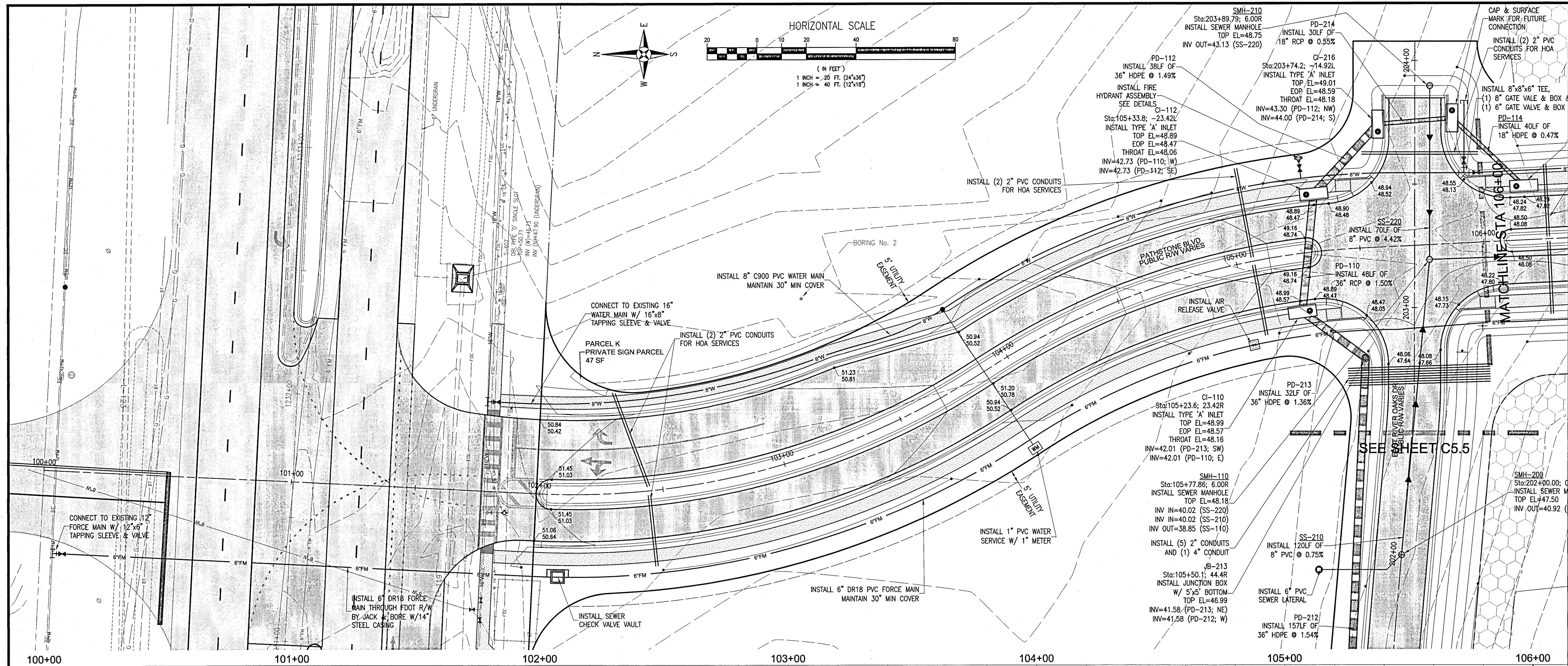
Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
CONSTRUCTION PLANS
No. 71141
JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019
DRAWING No.
C4.2
SHEET 22 OF 32

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and the fact that the α -value is not a constant, but varies with the β -value, the α -value is not a constant, but varies with the β -value.



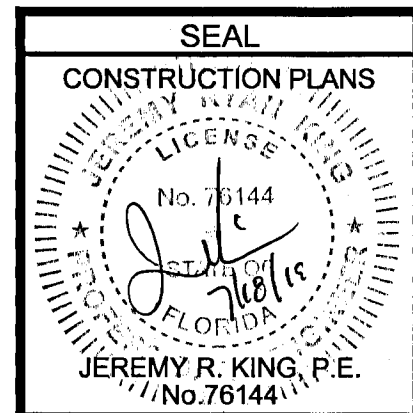
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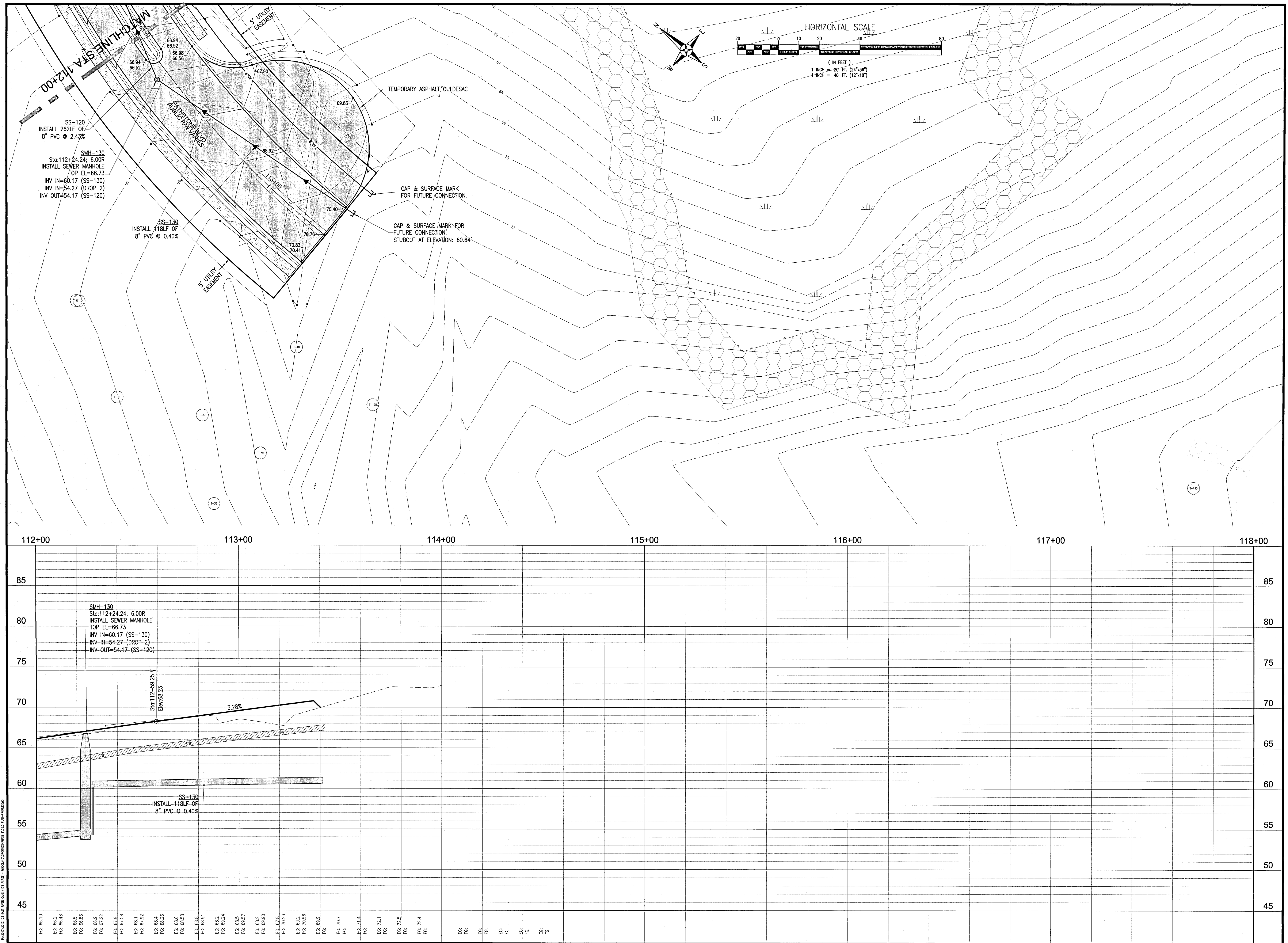
PLAN & PROFILES

**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

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Dr. By: CBD Ck By: JRK Job No.: 2017.103 Date: 7/18/2019
DRAWING No.
C5.0 SHEET 23 OF 32

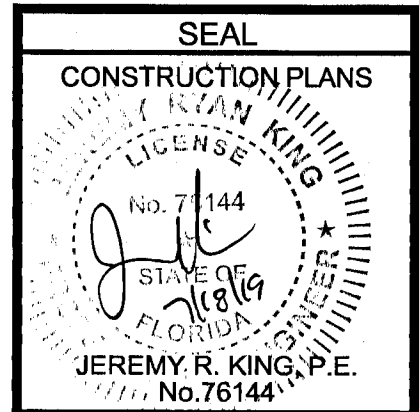
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PLAN & PROFILES

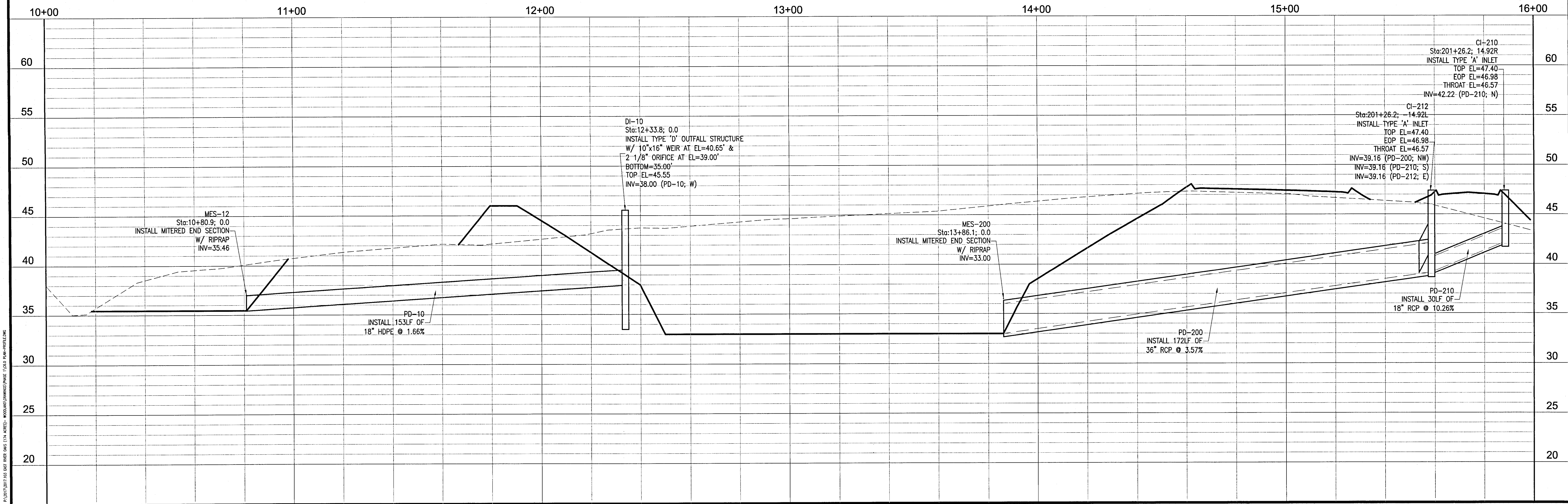
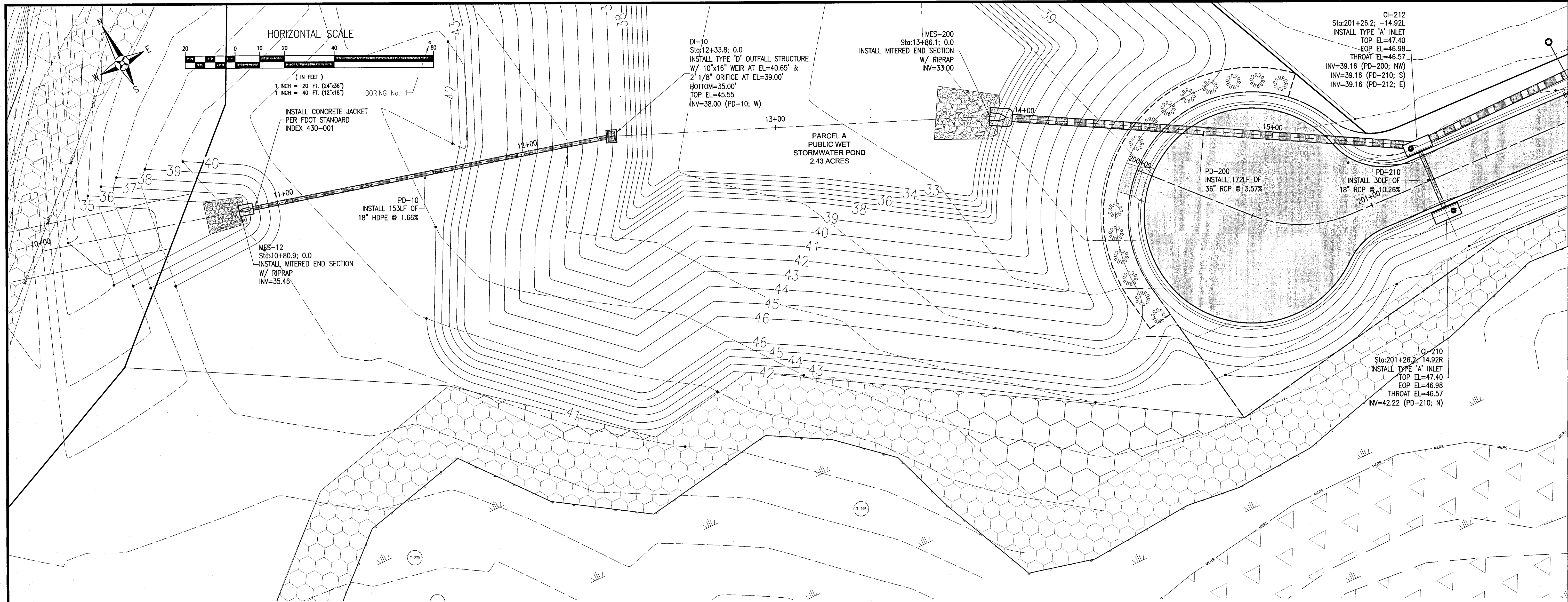
**Fallschase at Pathstone
A 0 Lot Subdivision
Phase 1
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

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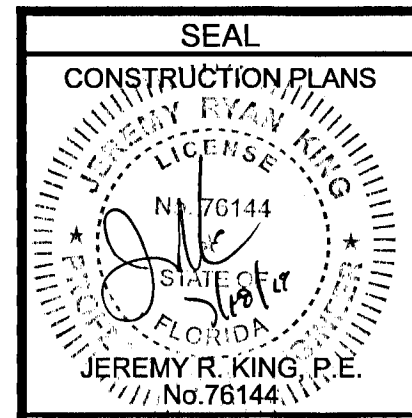
Dr. By: CBD
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Job No.: 2017.103
Date: 7/18/2019

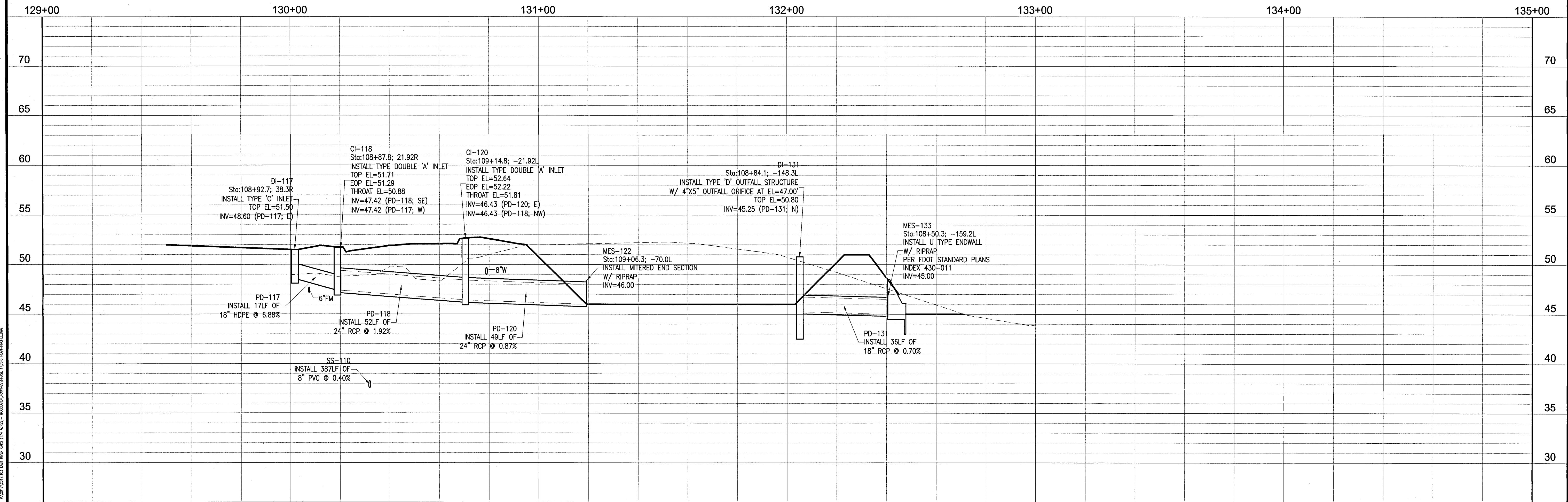
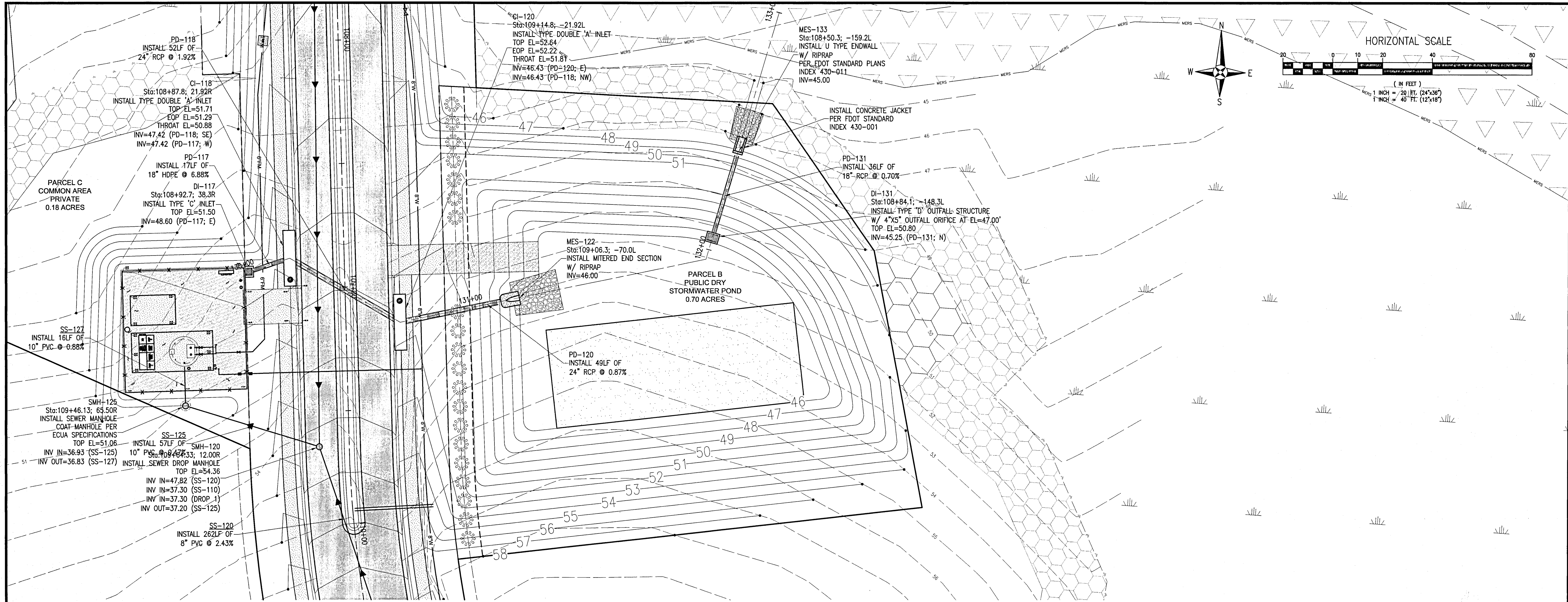
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SHEET 25 OF 32

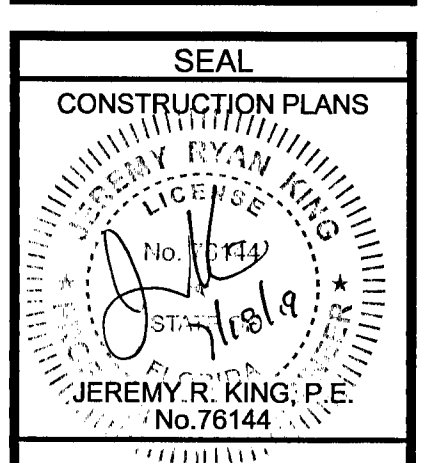


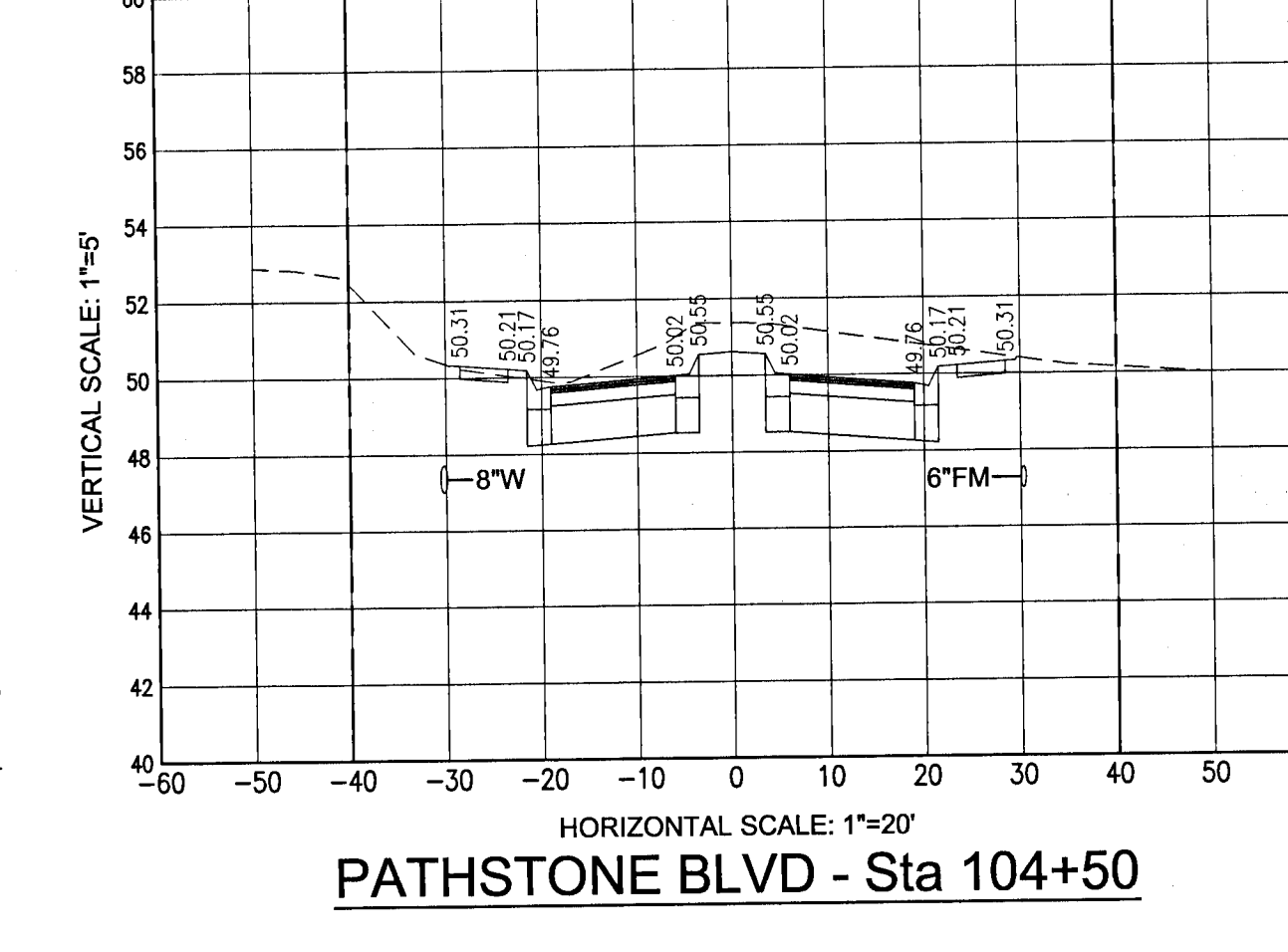
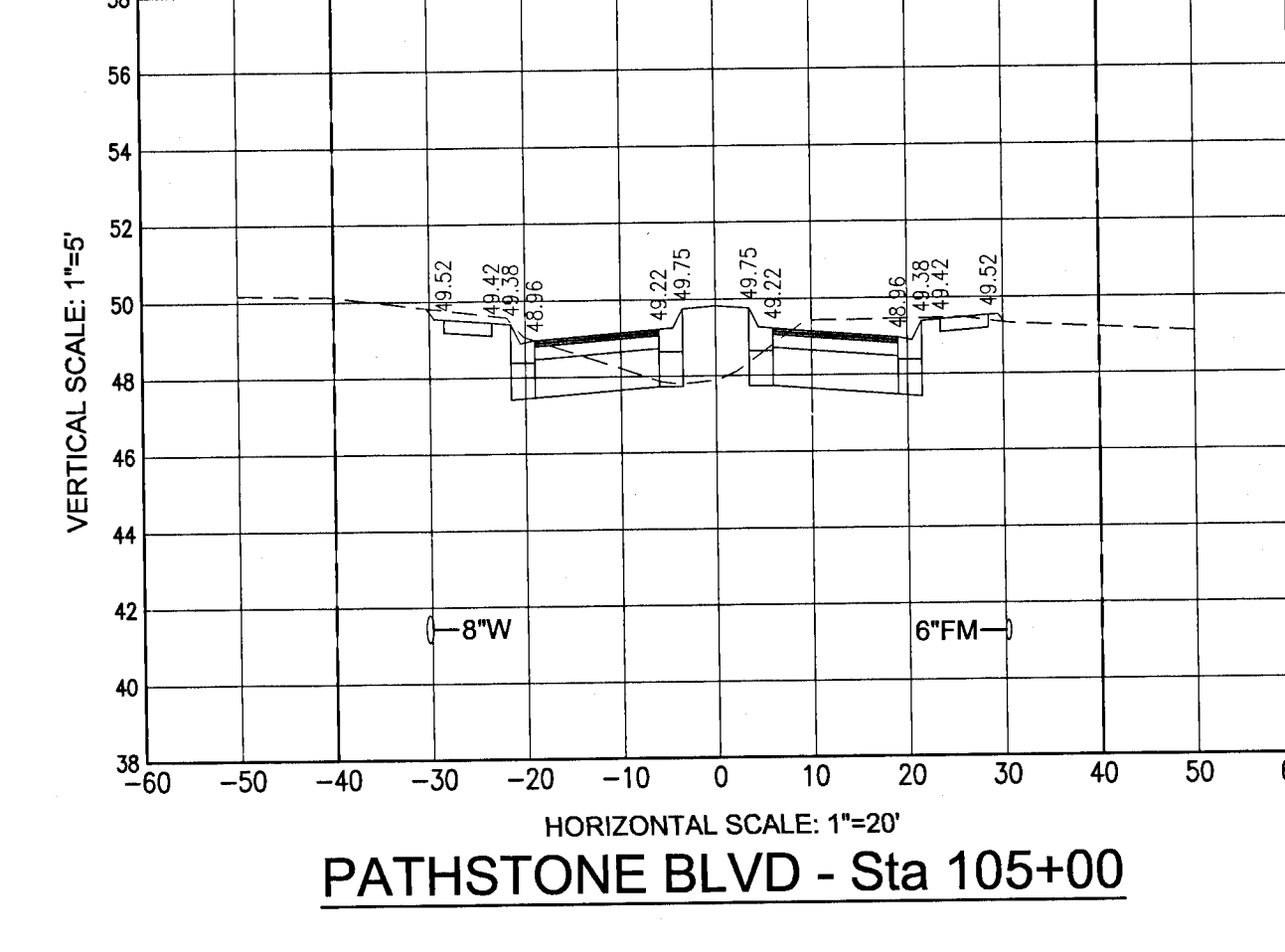
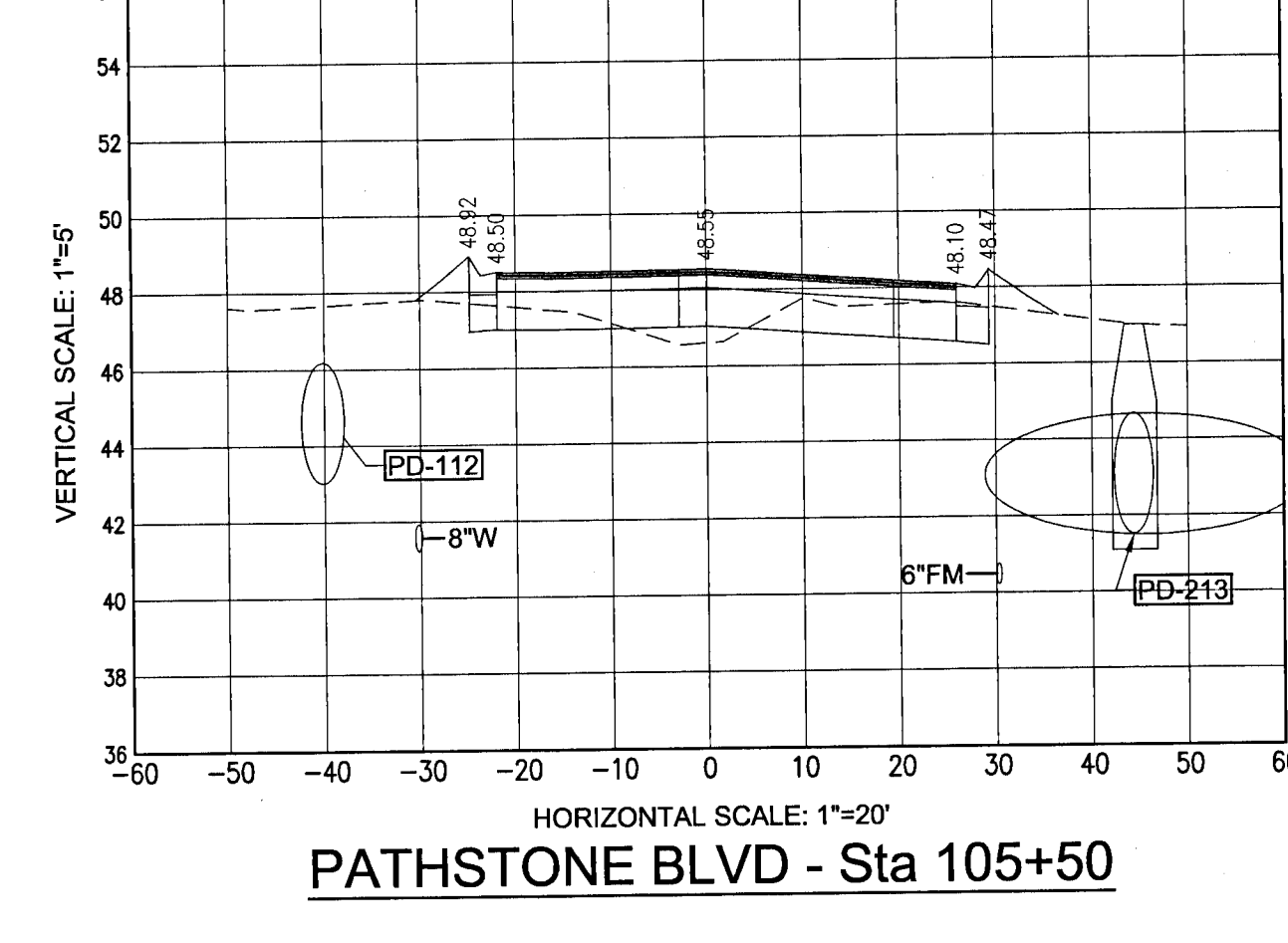
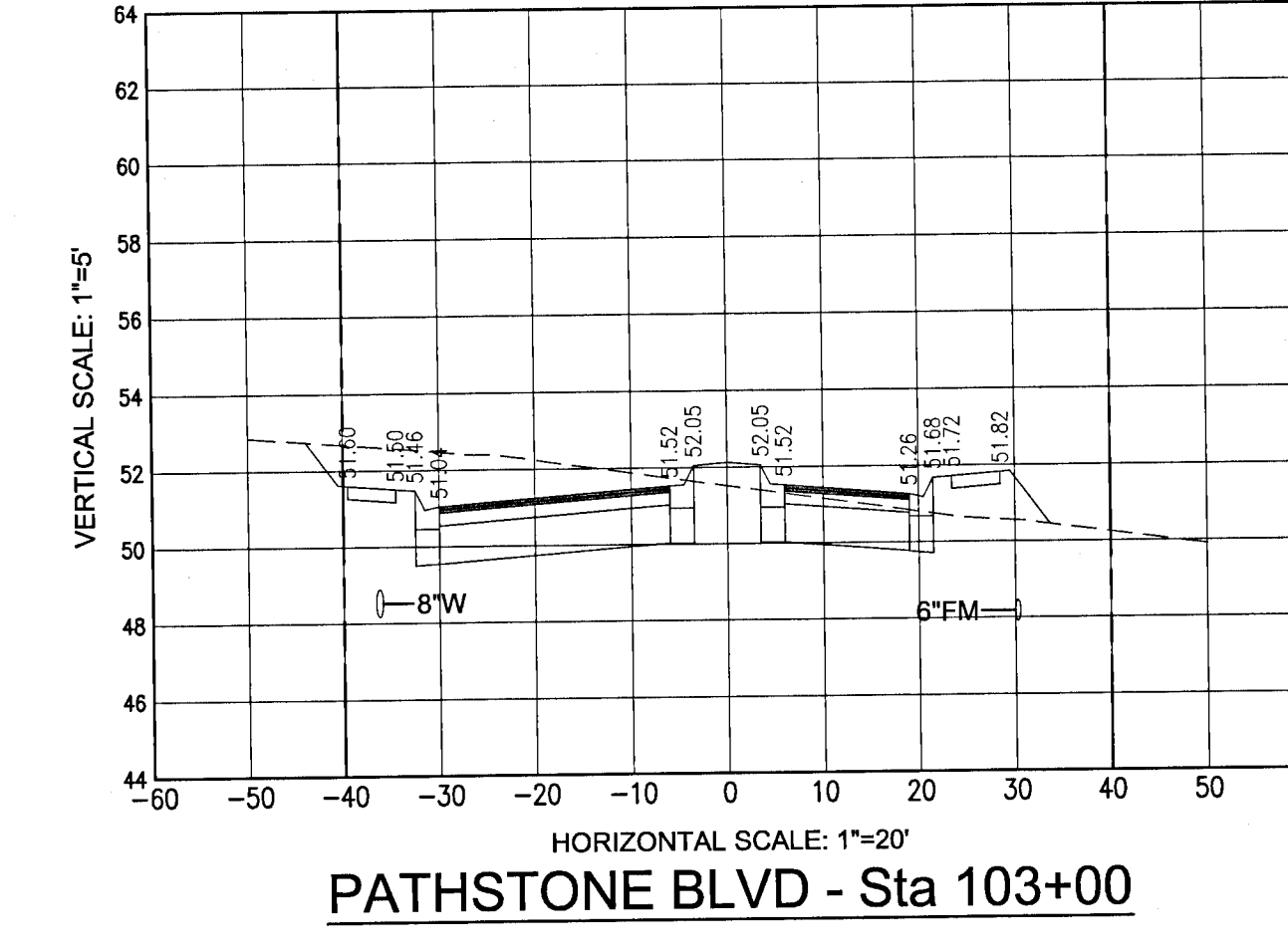
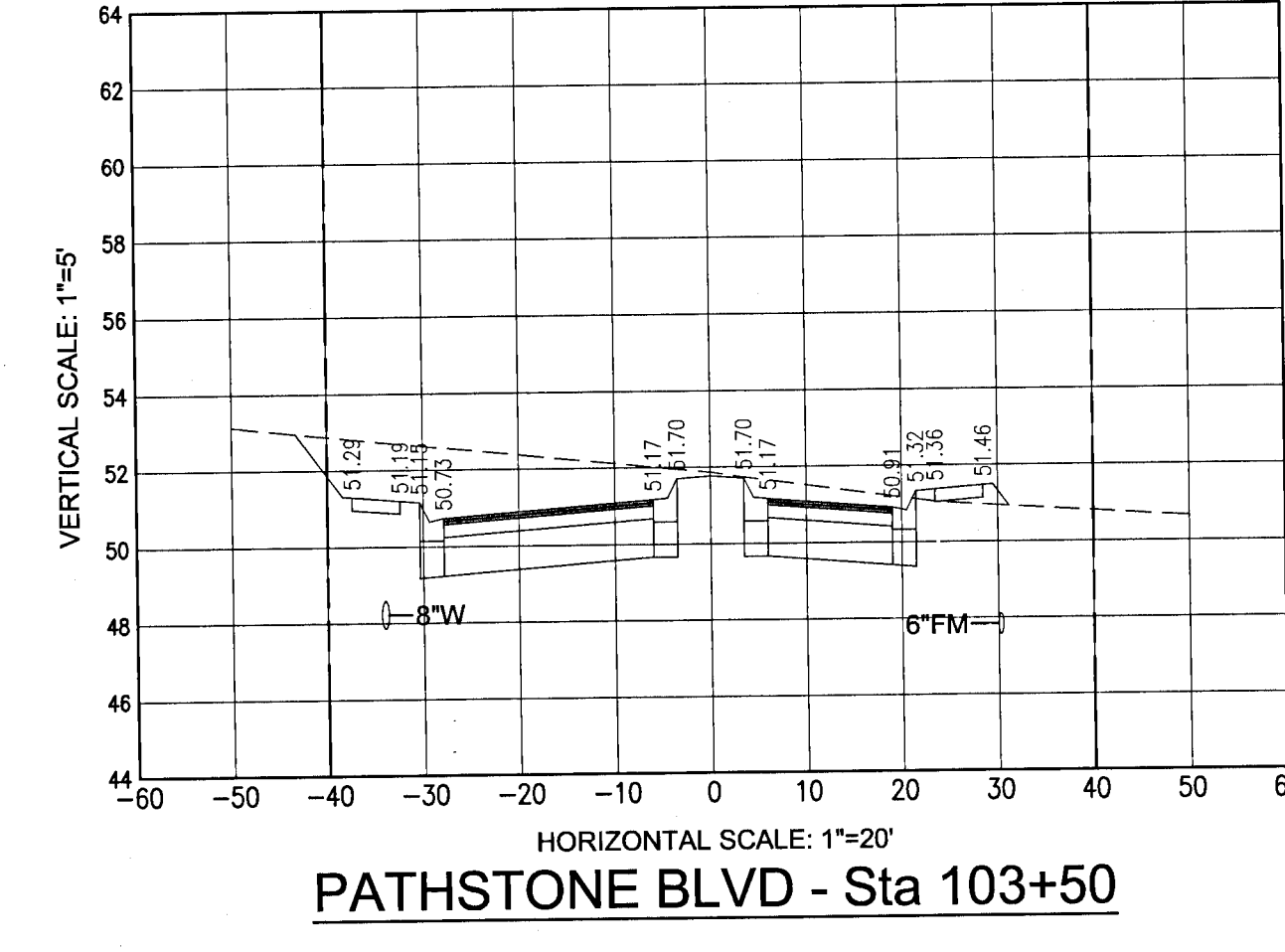
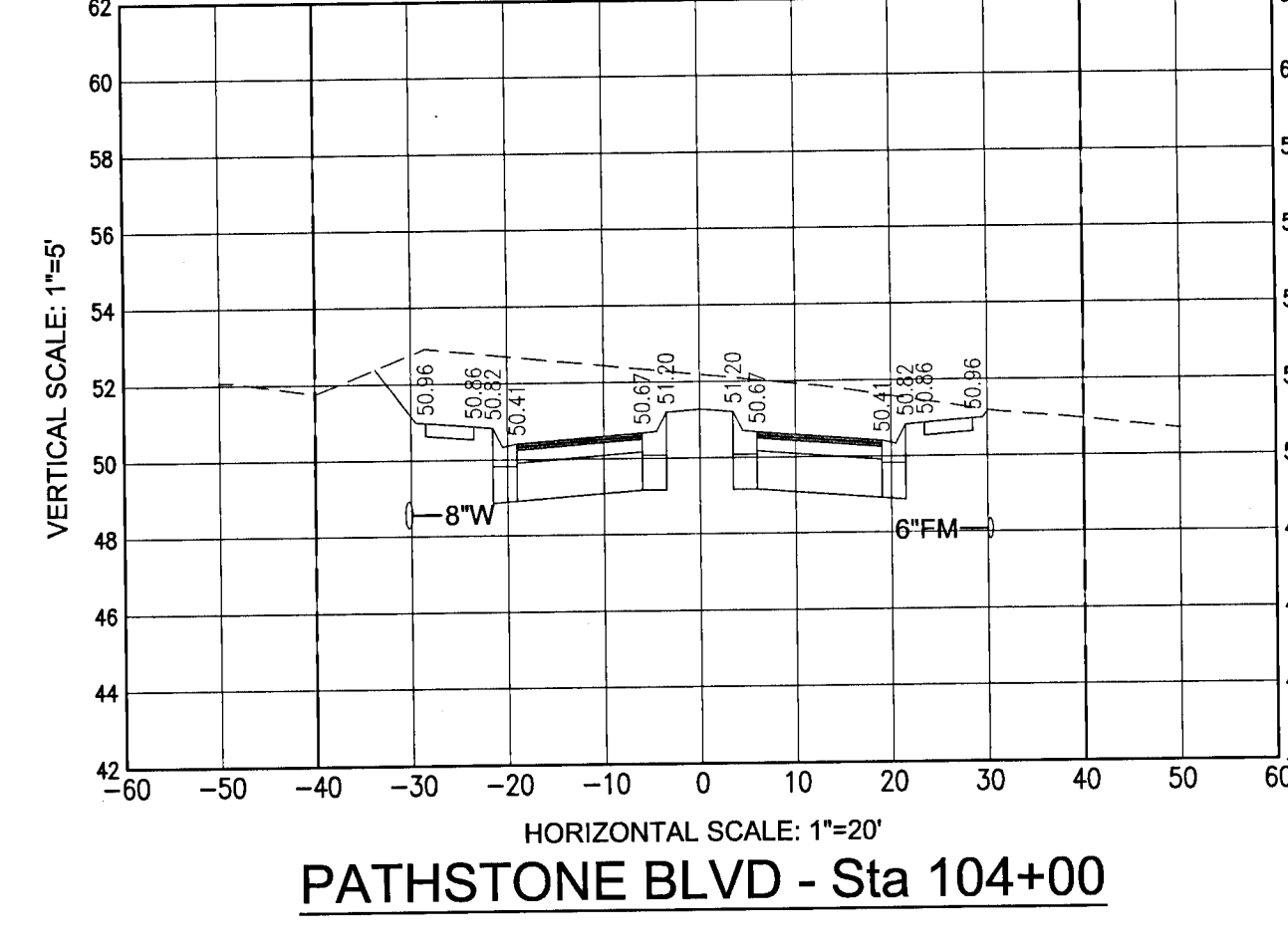
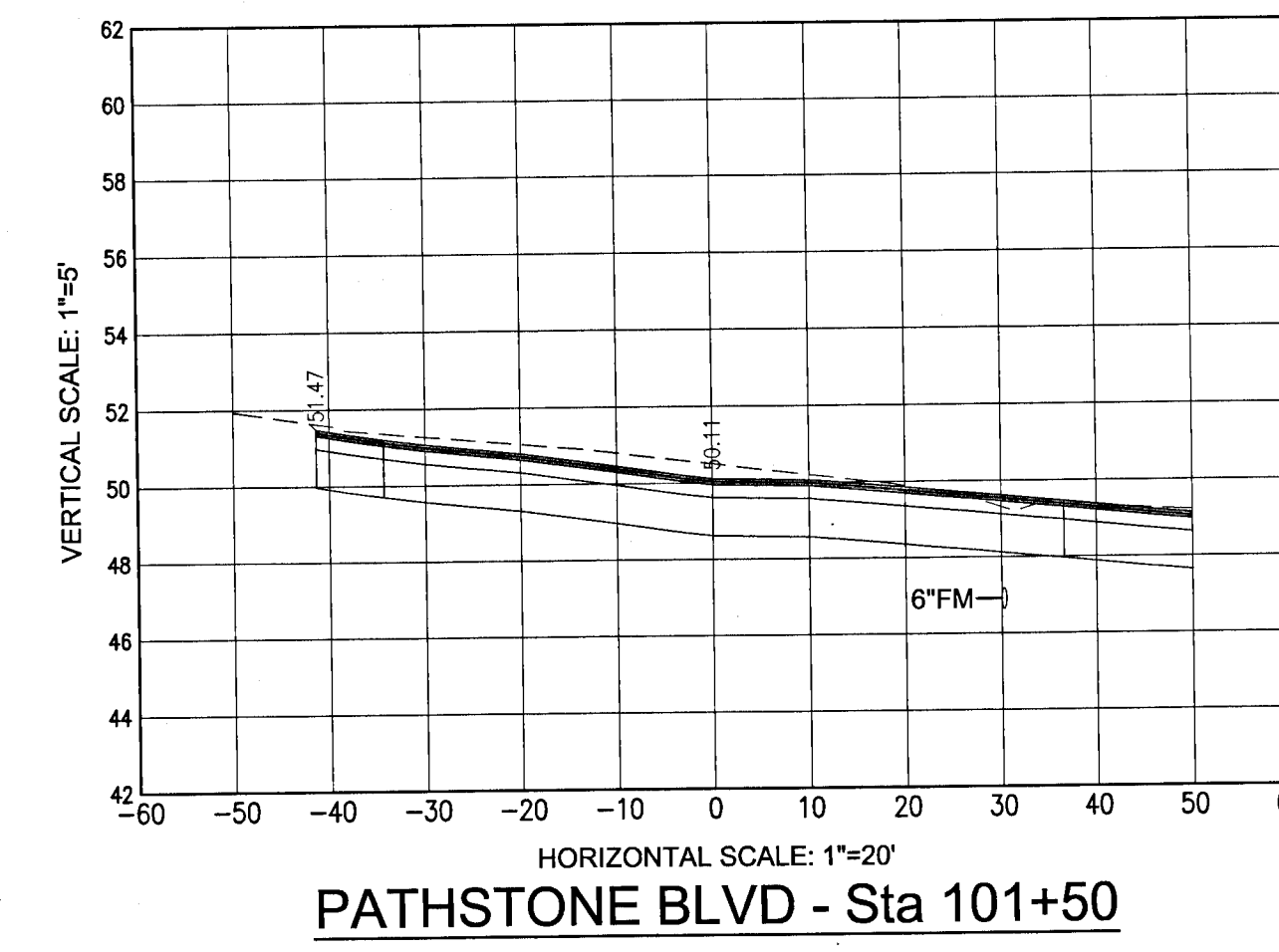
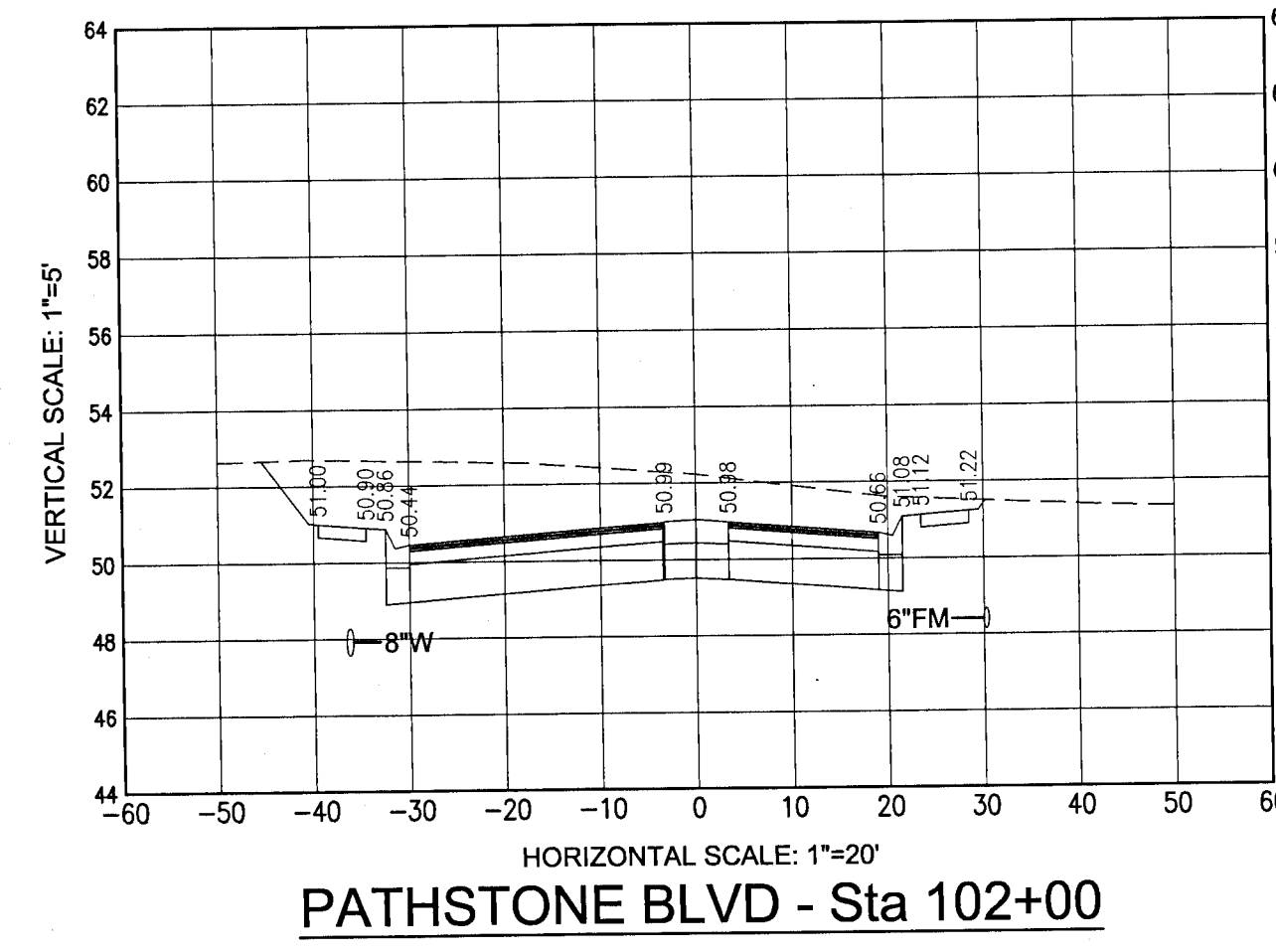
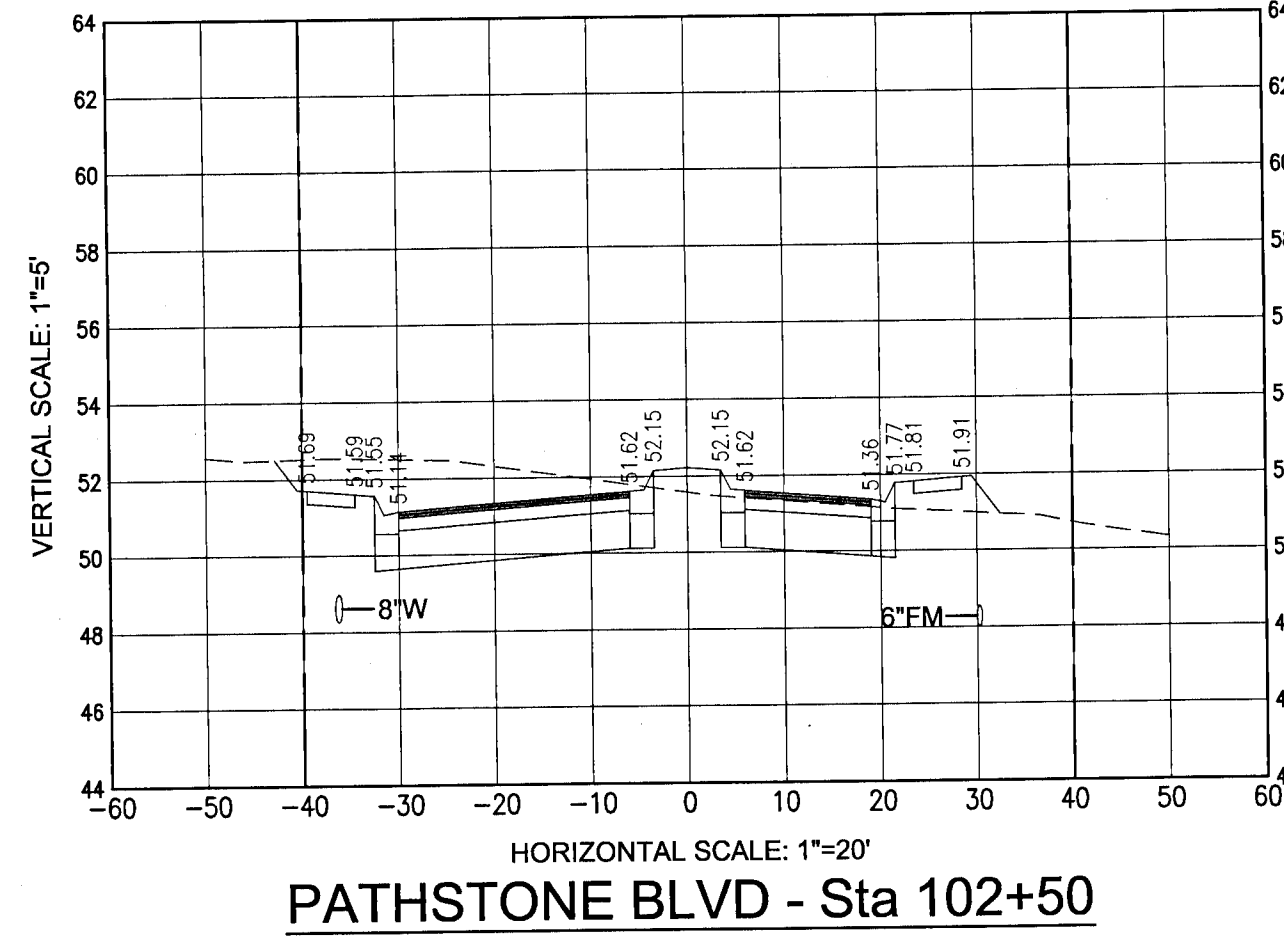
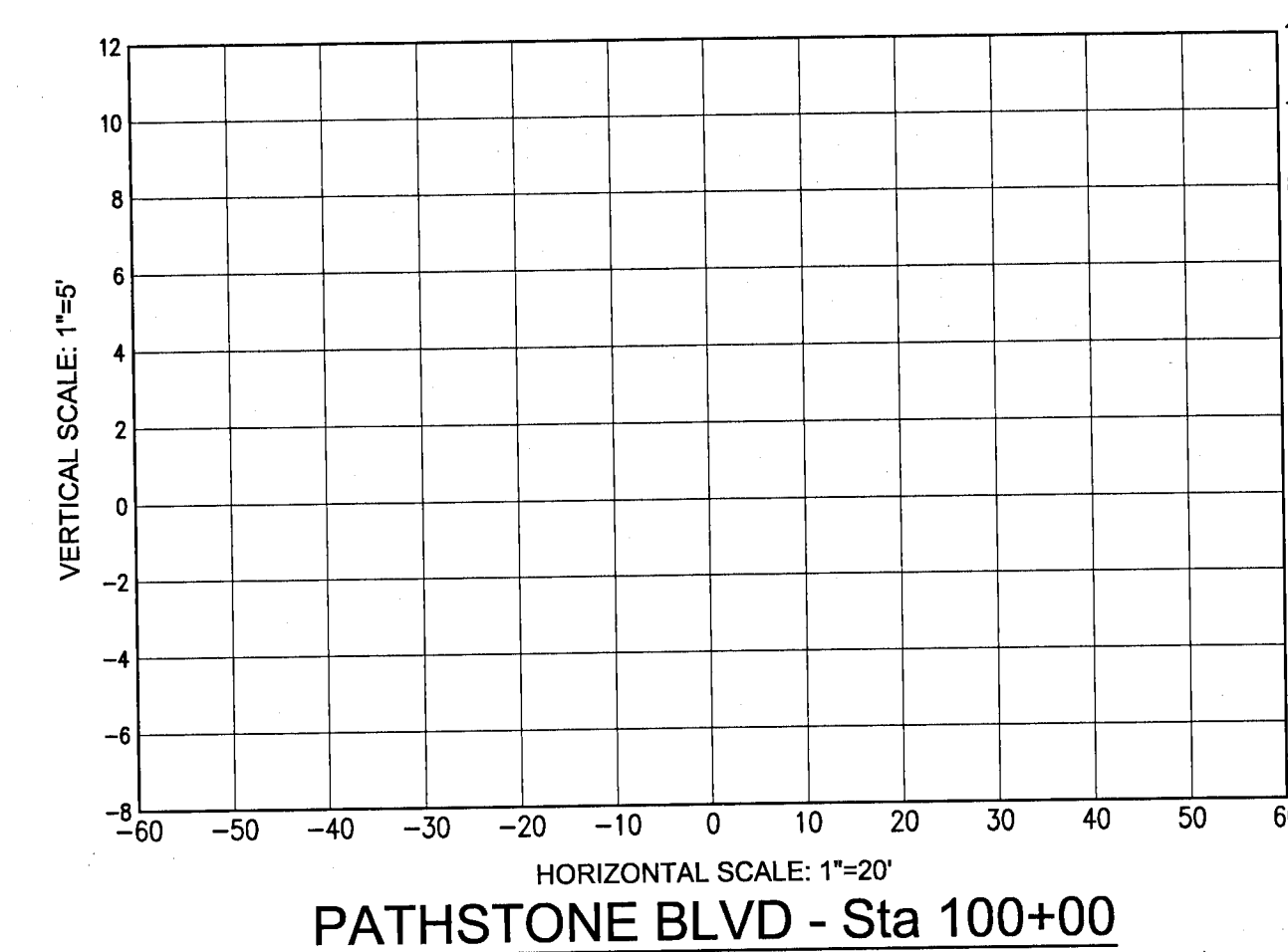
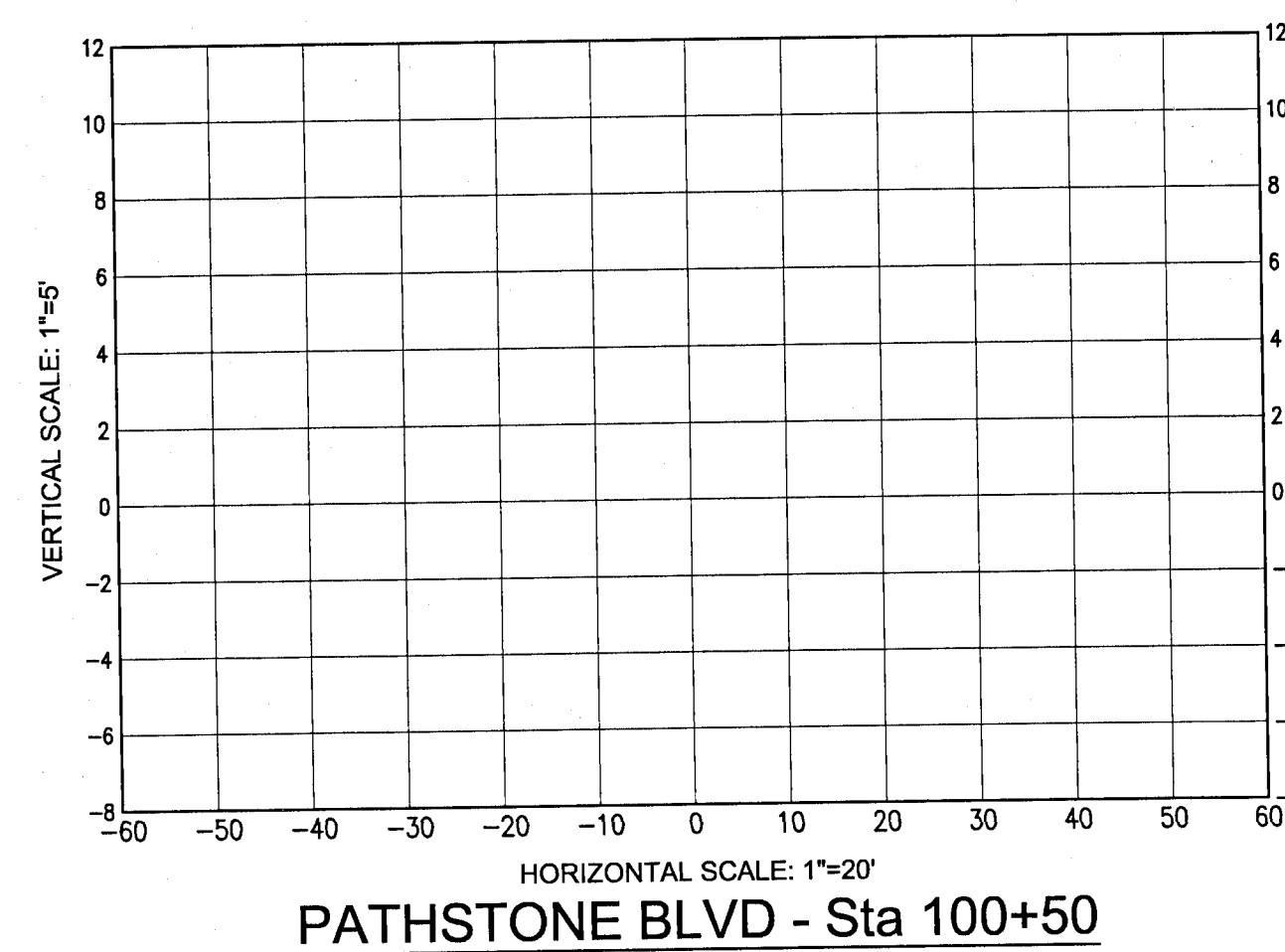
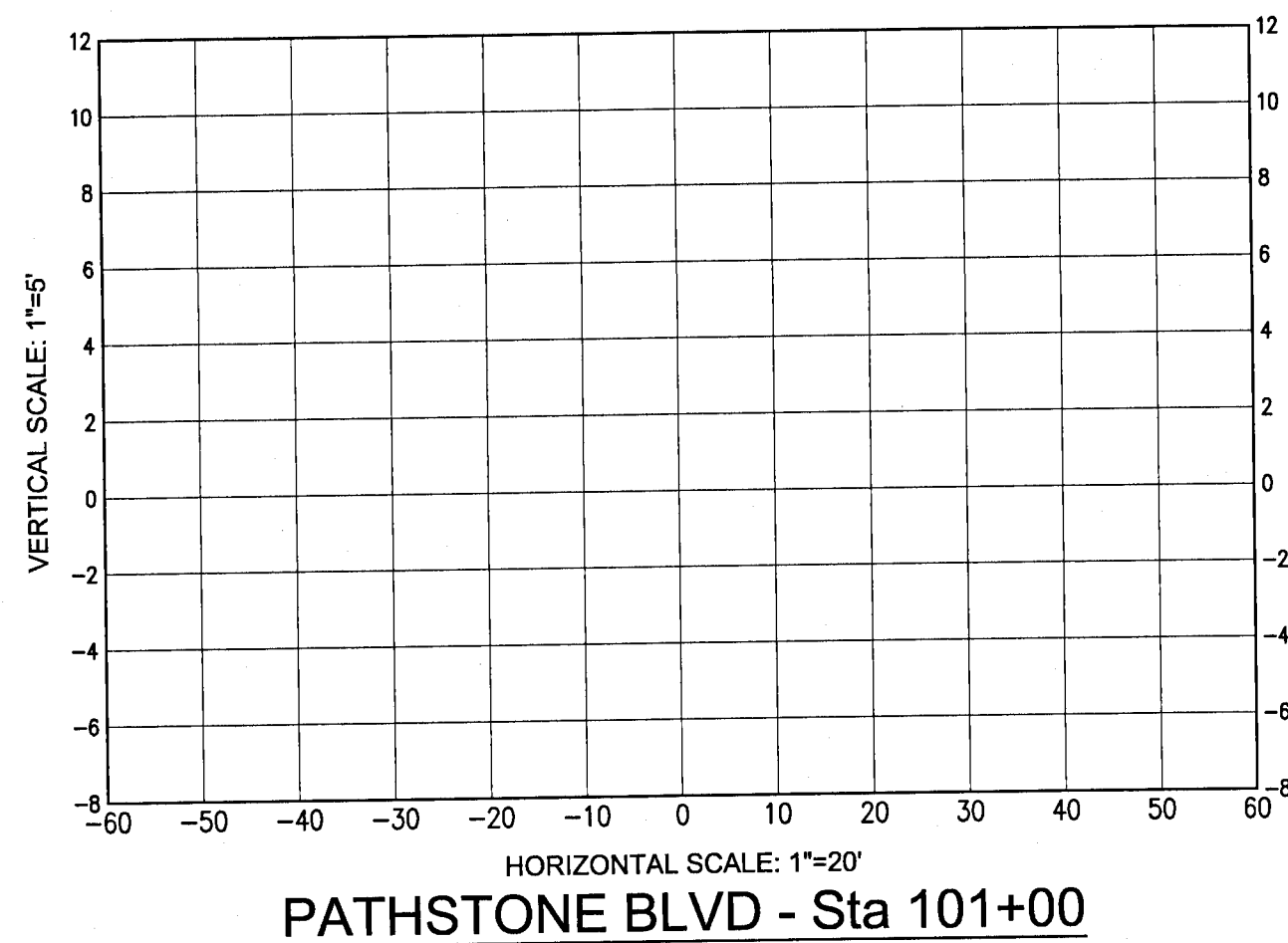
No.	DATE	REVISION





No.	DATE	REVISION





CROSS SECTIONS

**Fallschase at Pathstone
 A 0 Lot Subdivision
 Phase 1
 9 Mile Road
 ESCAMBIA COUNTY, FLORIDA**

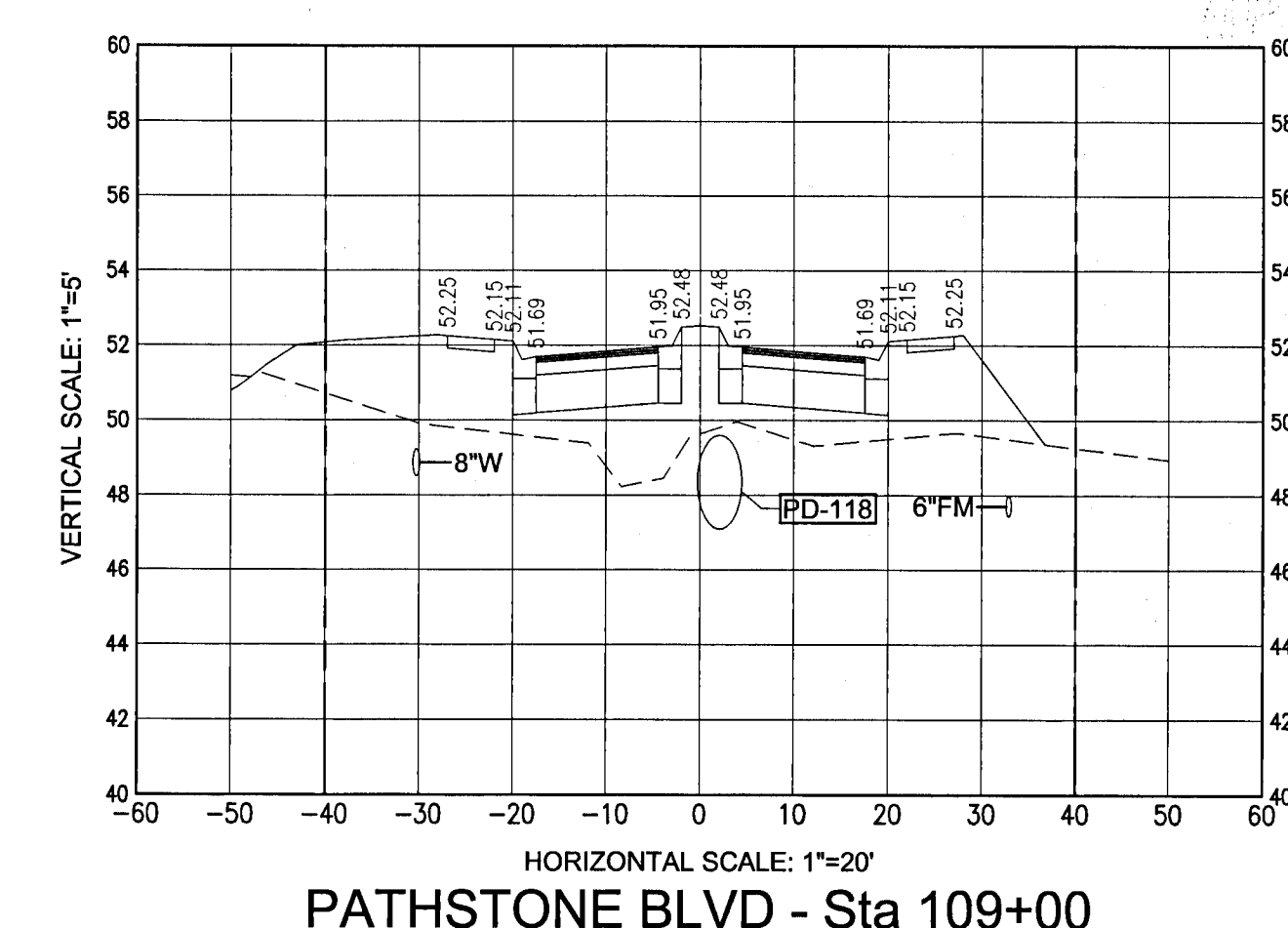
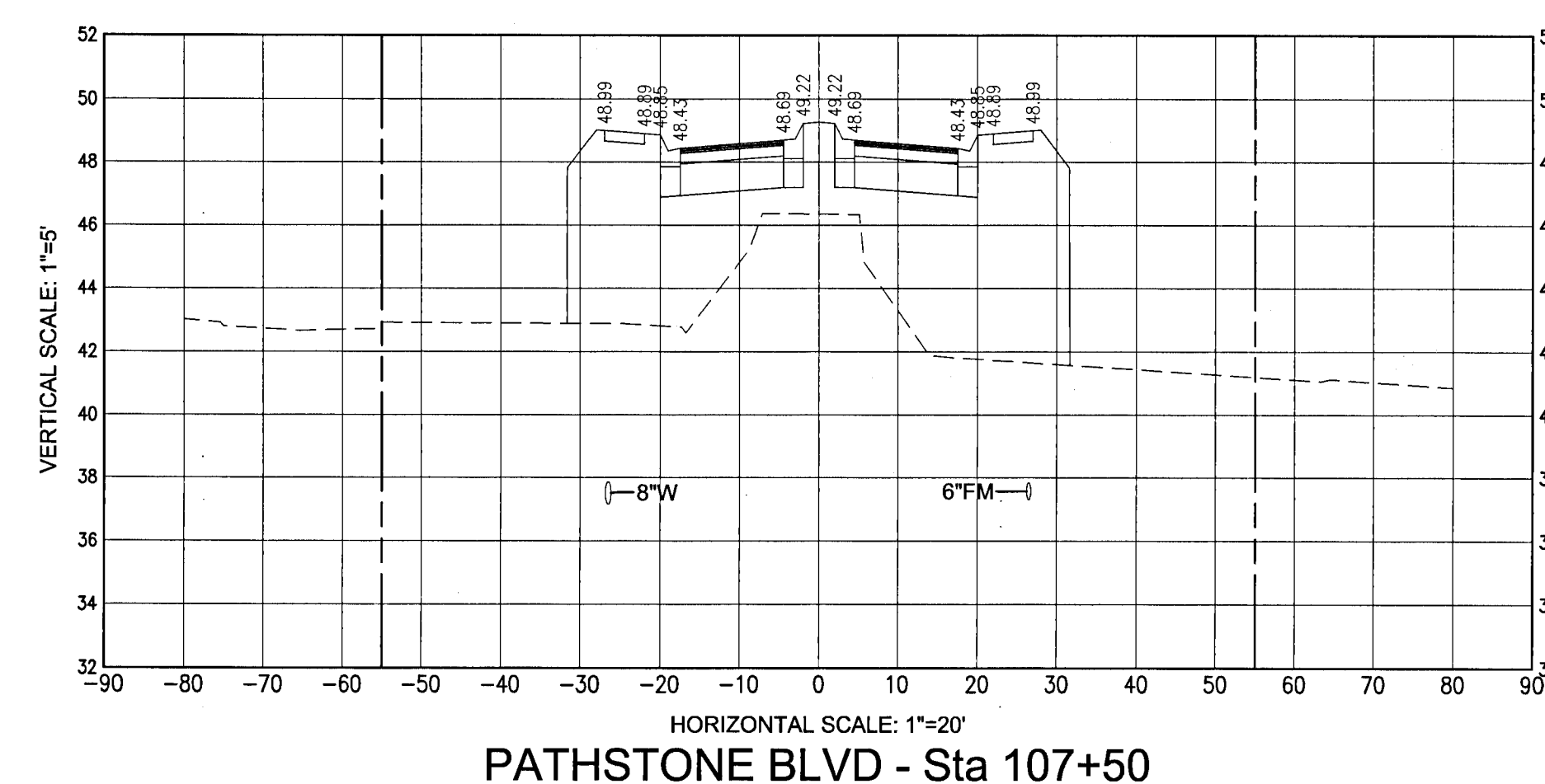
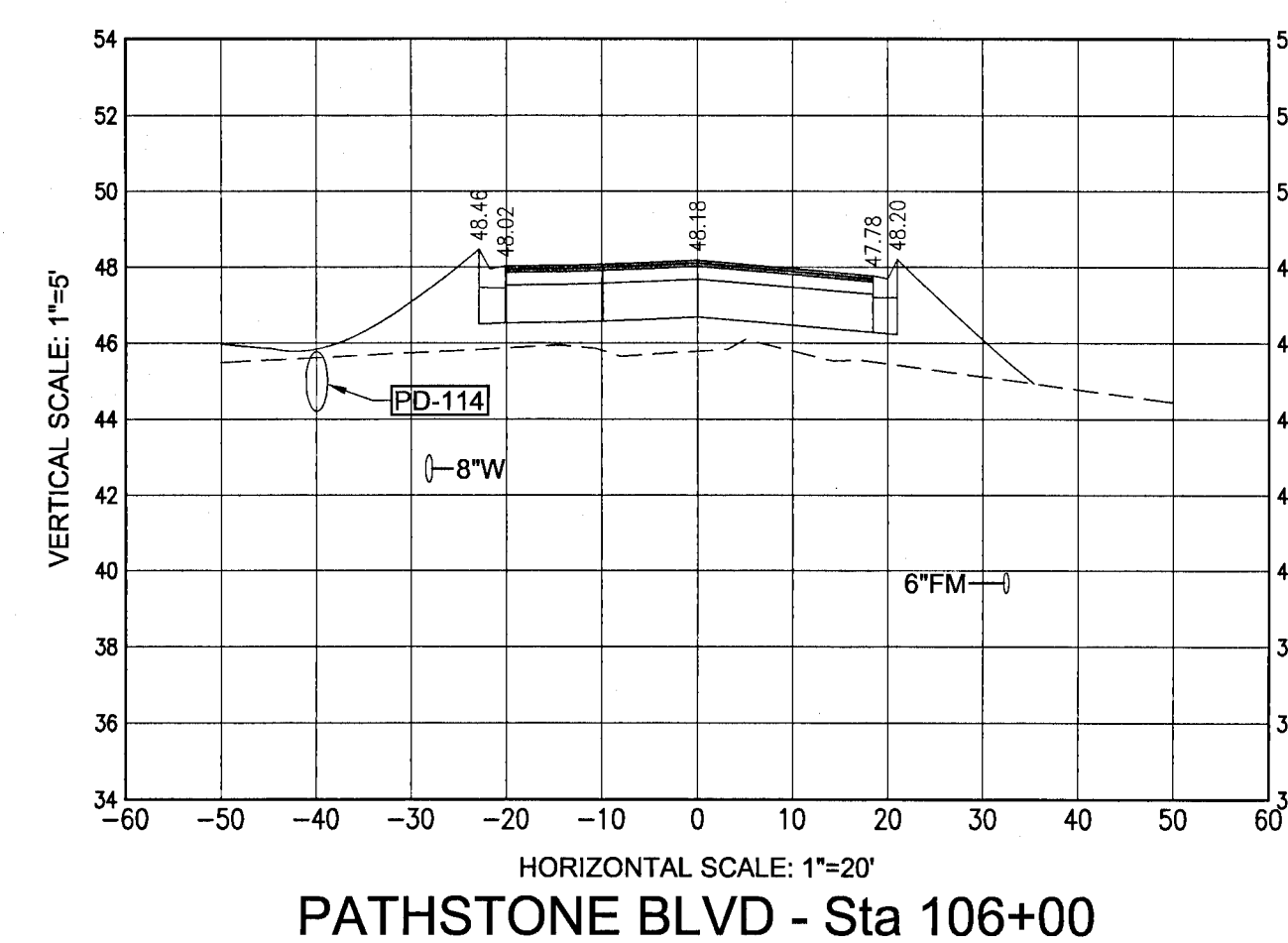
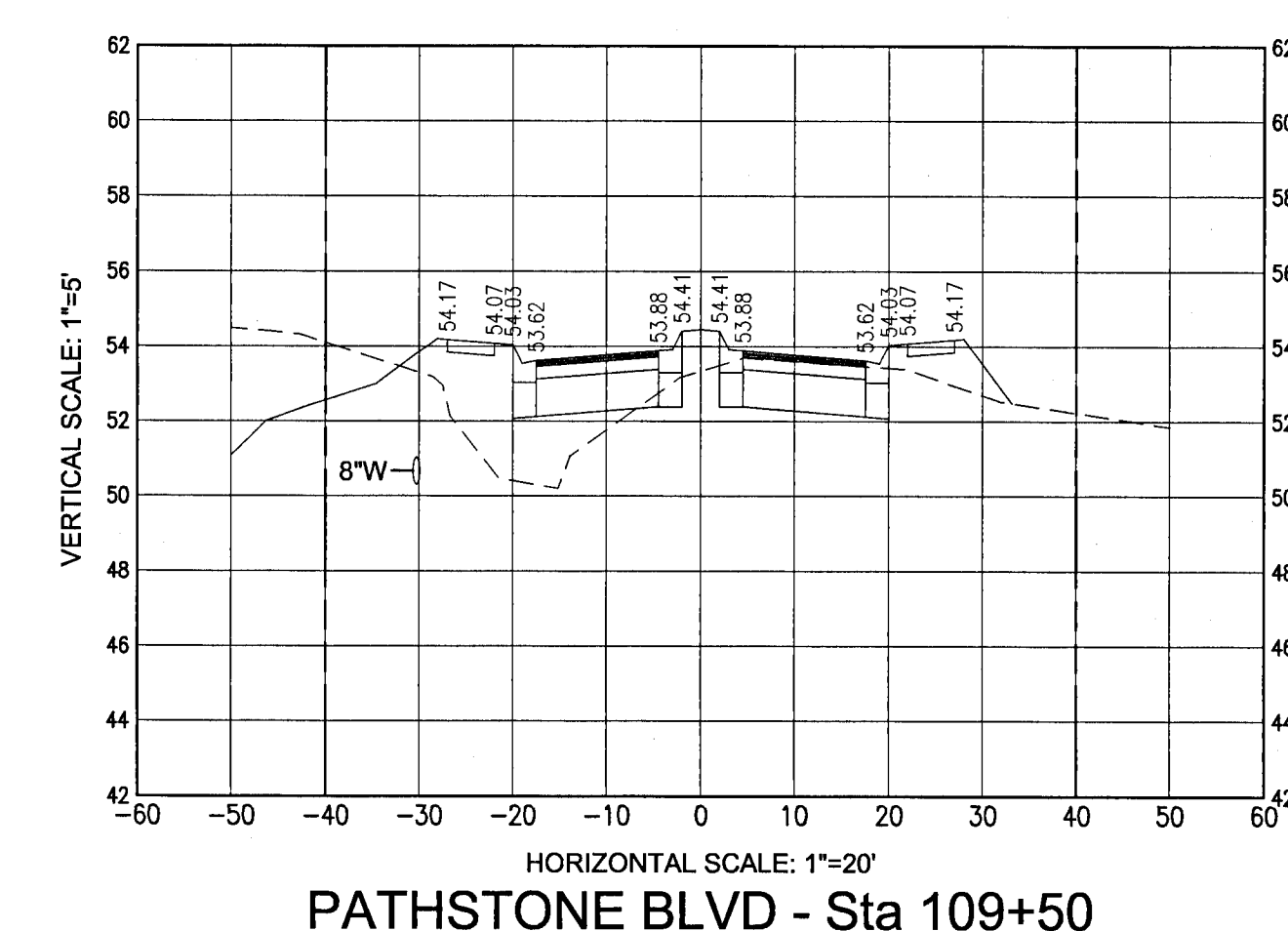
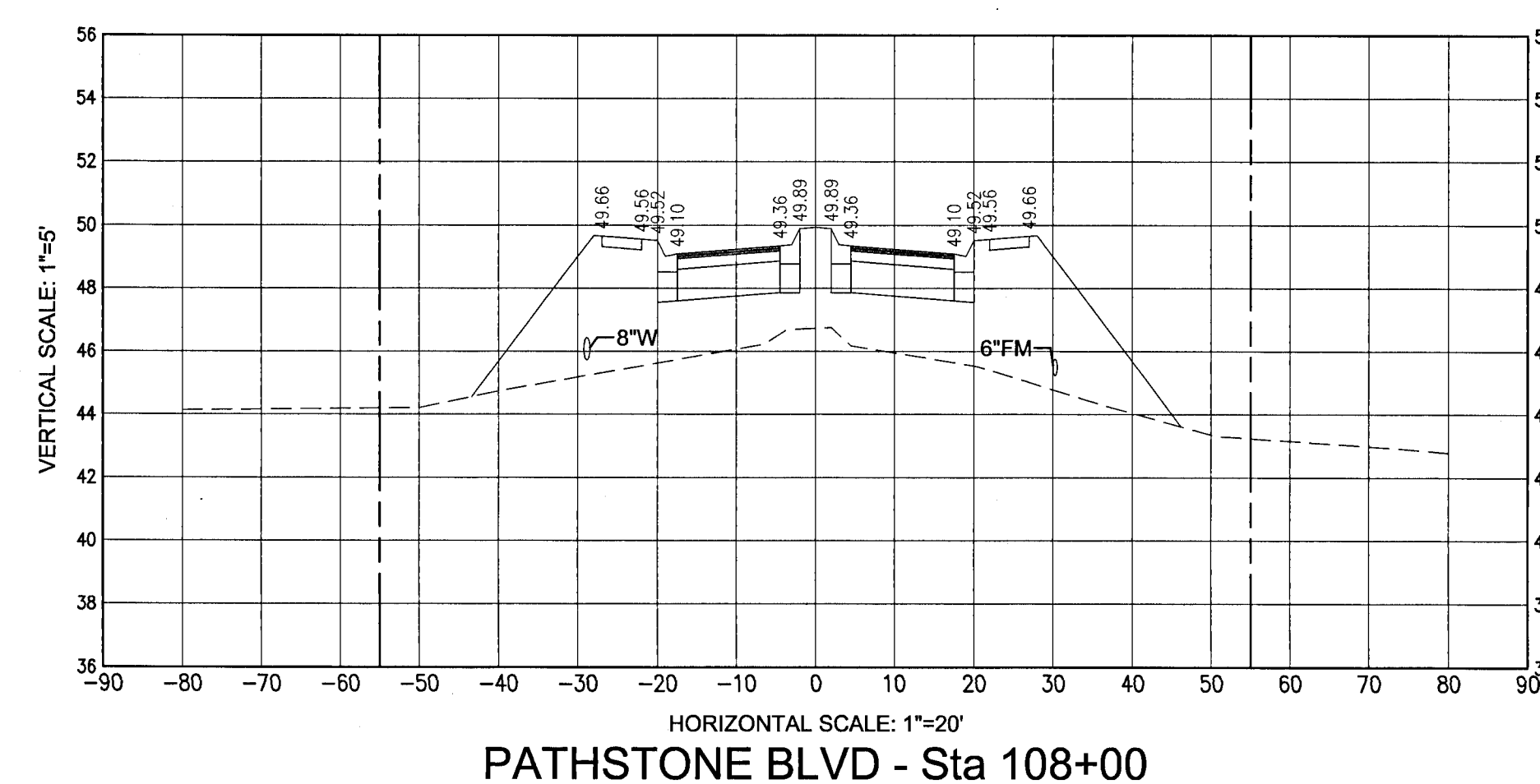
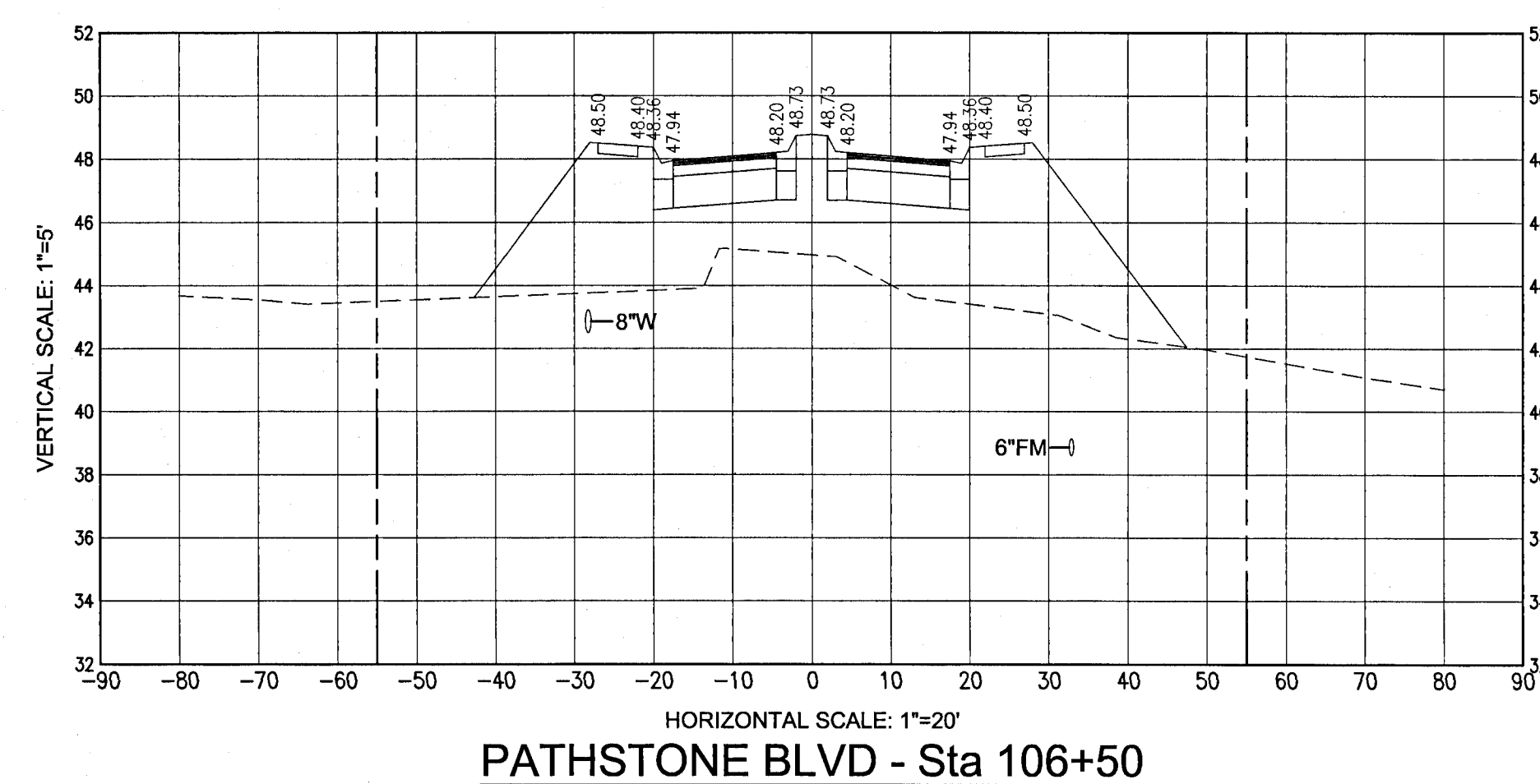
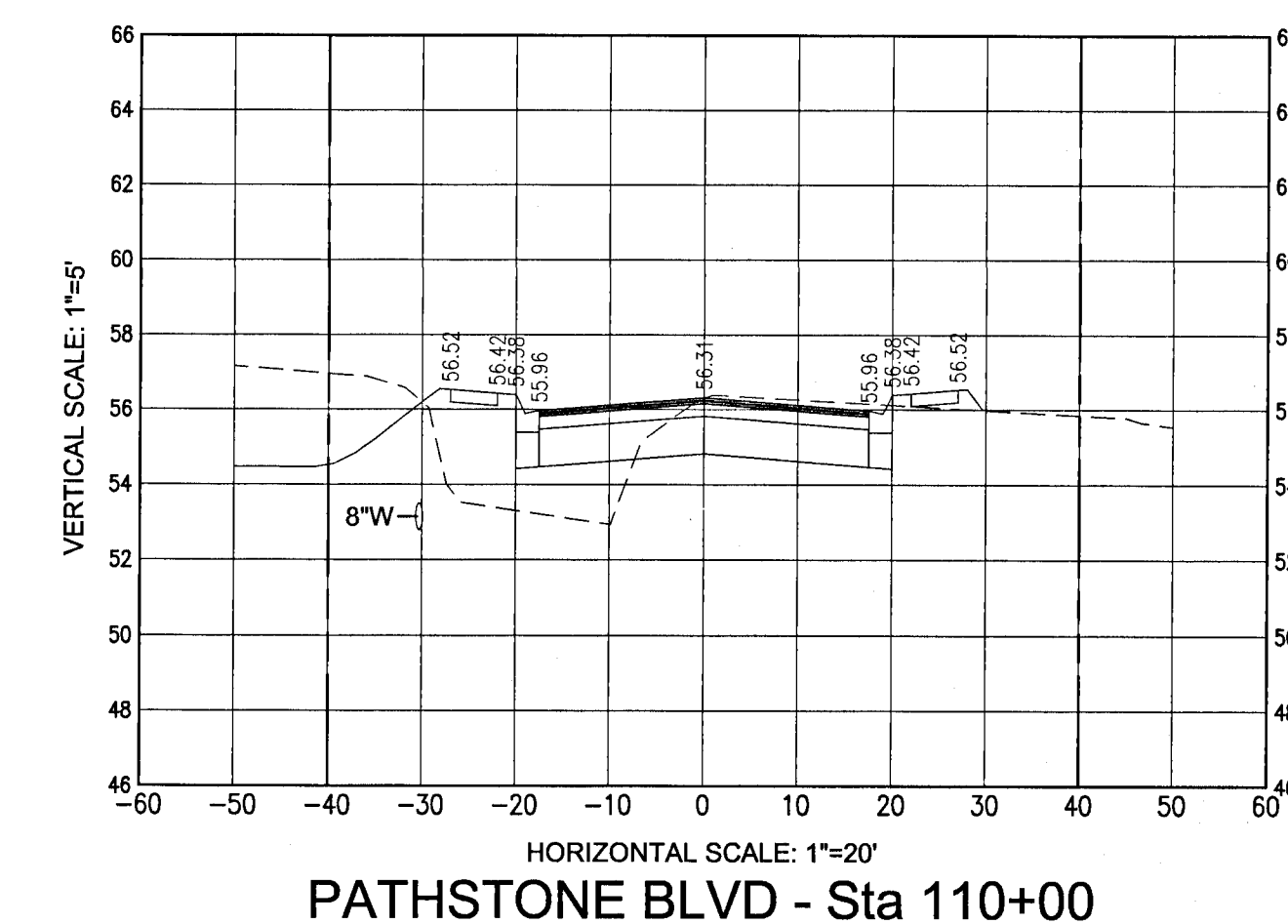
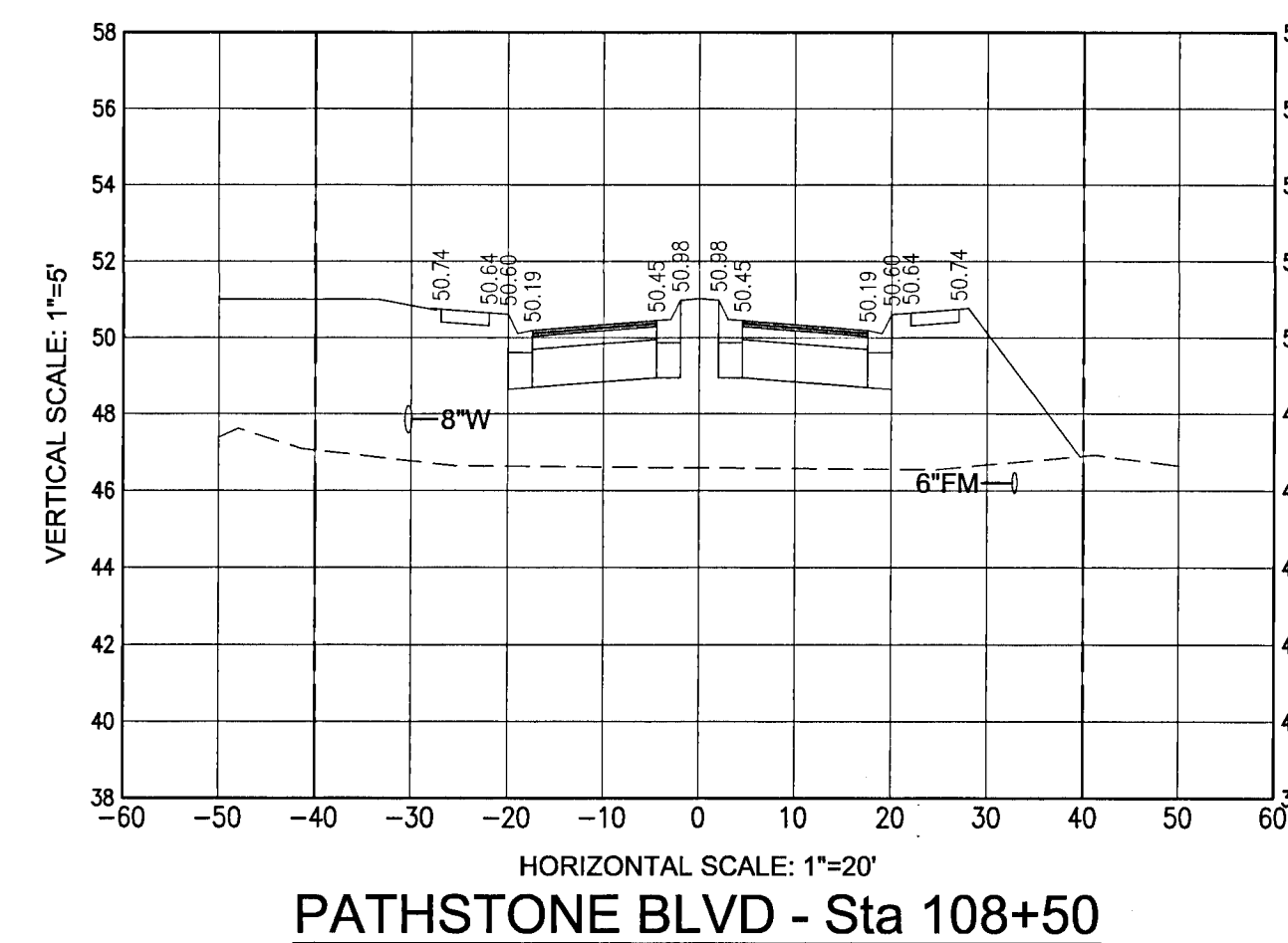
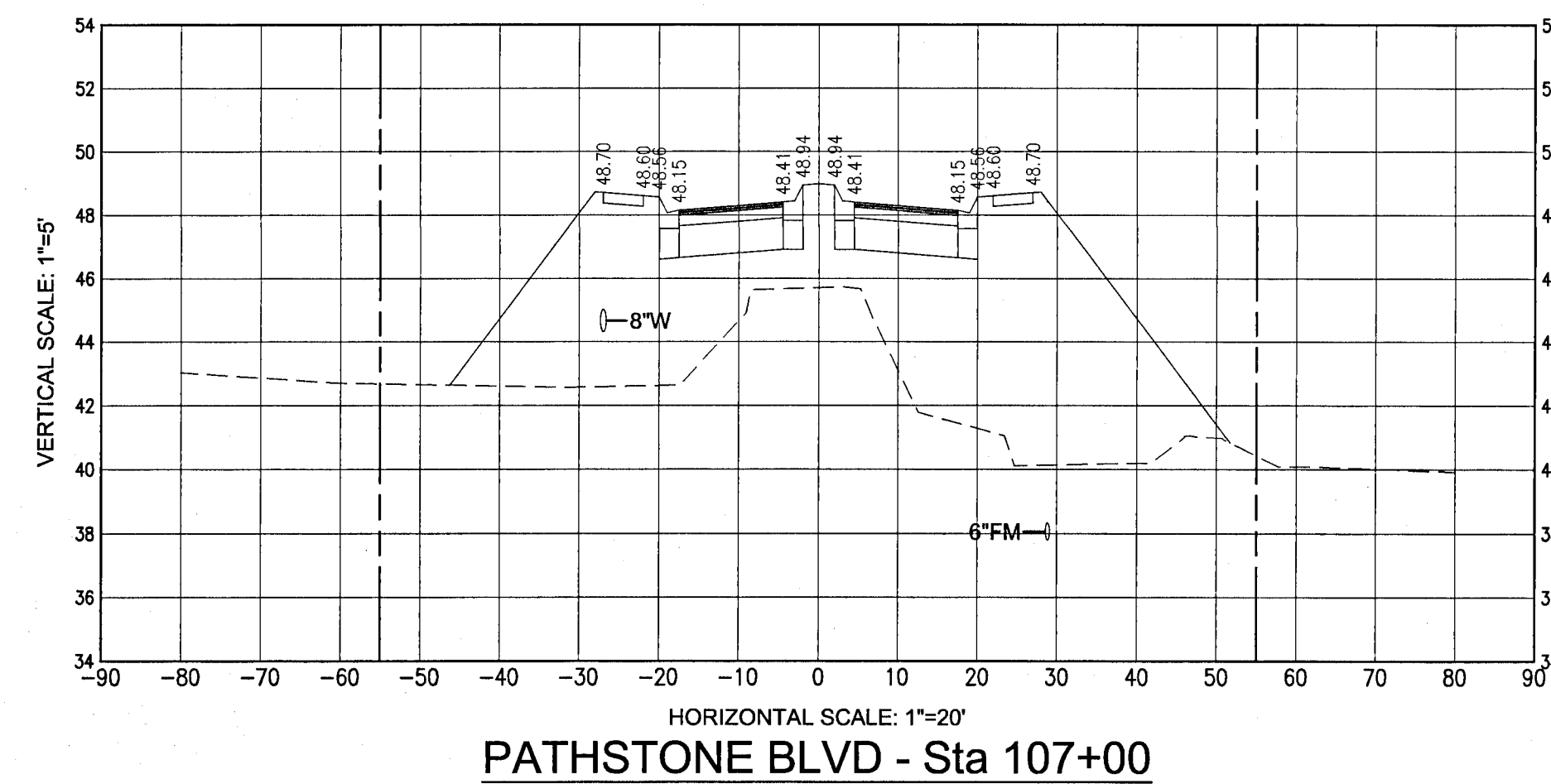
No.	DATE	REVISION

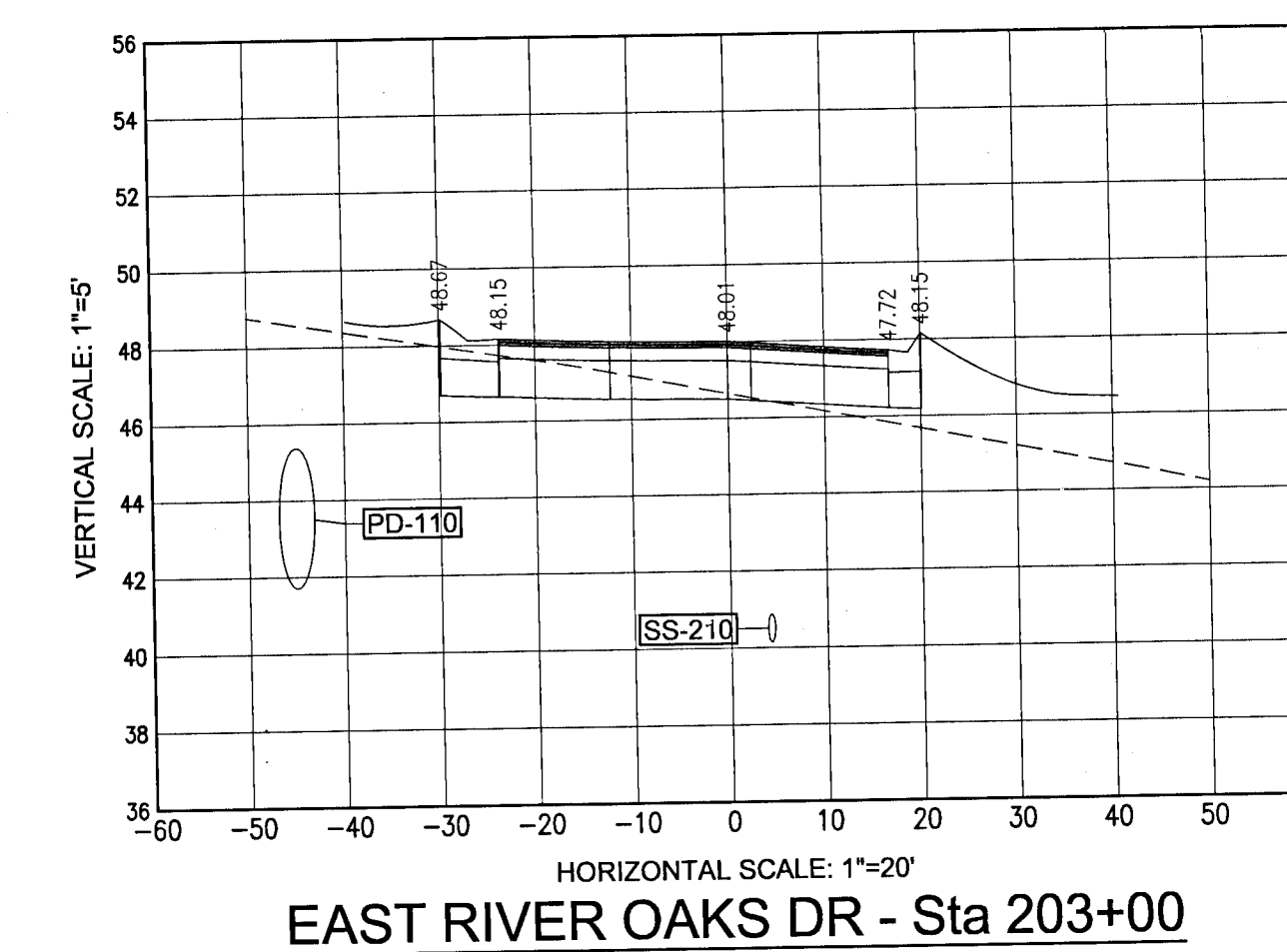
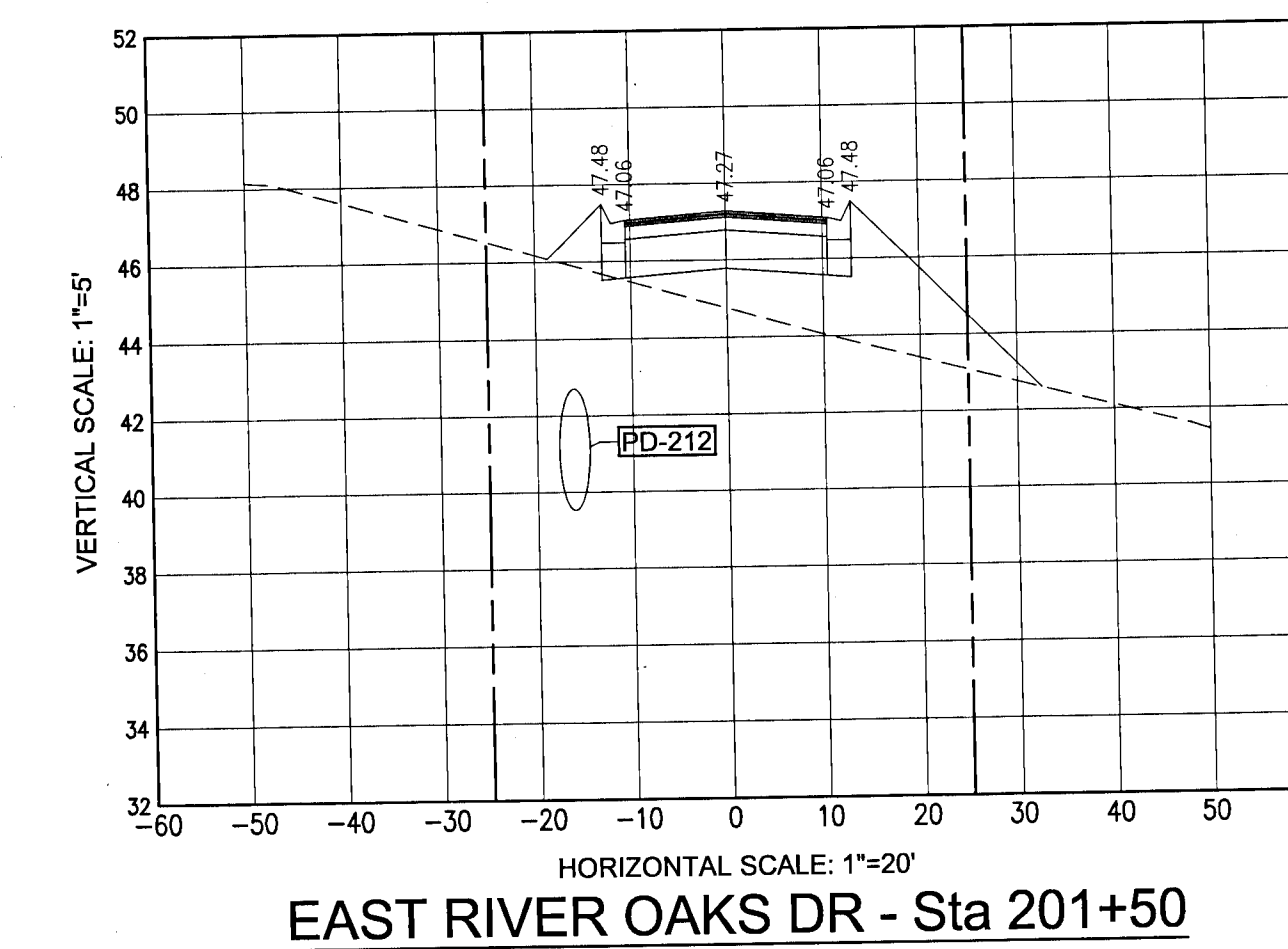
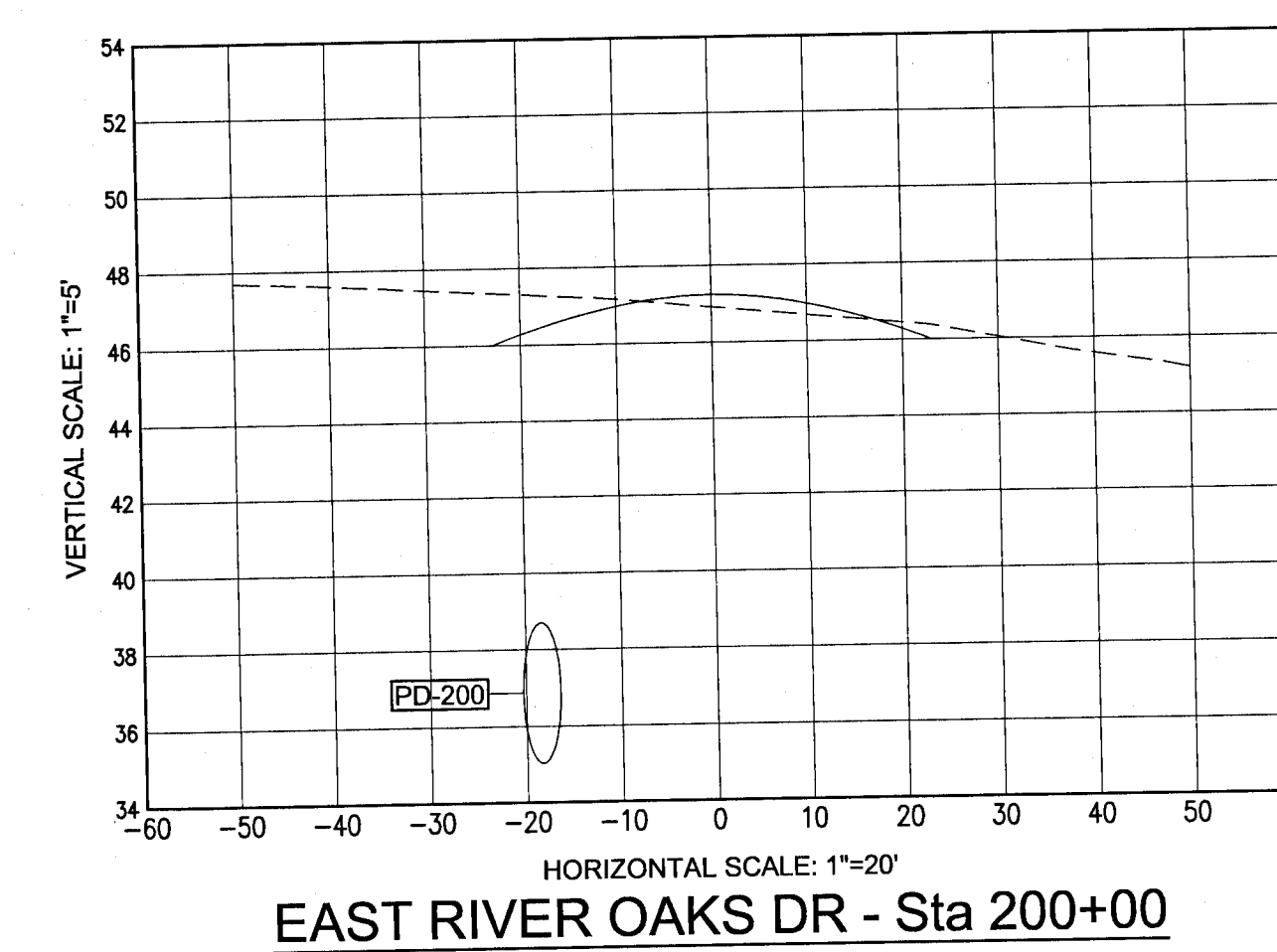
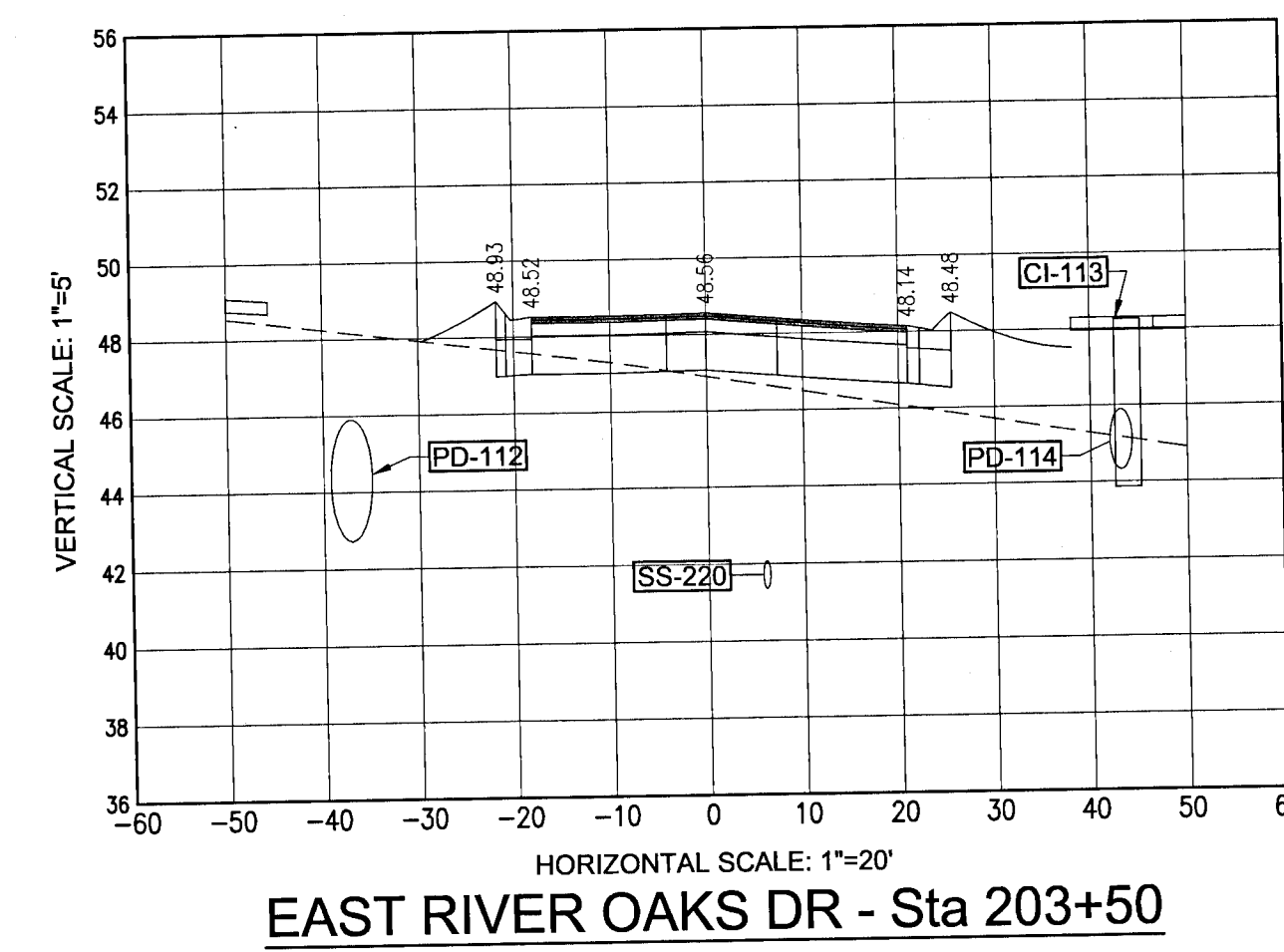
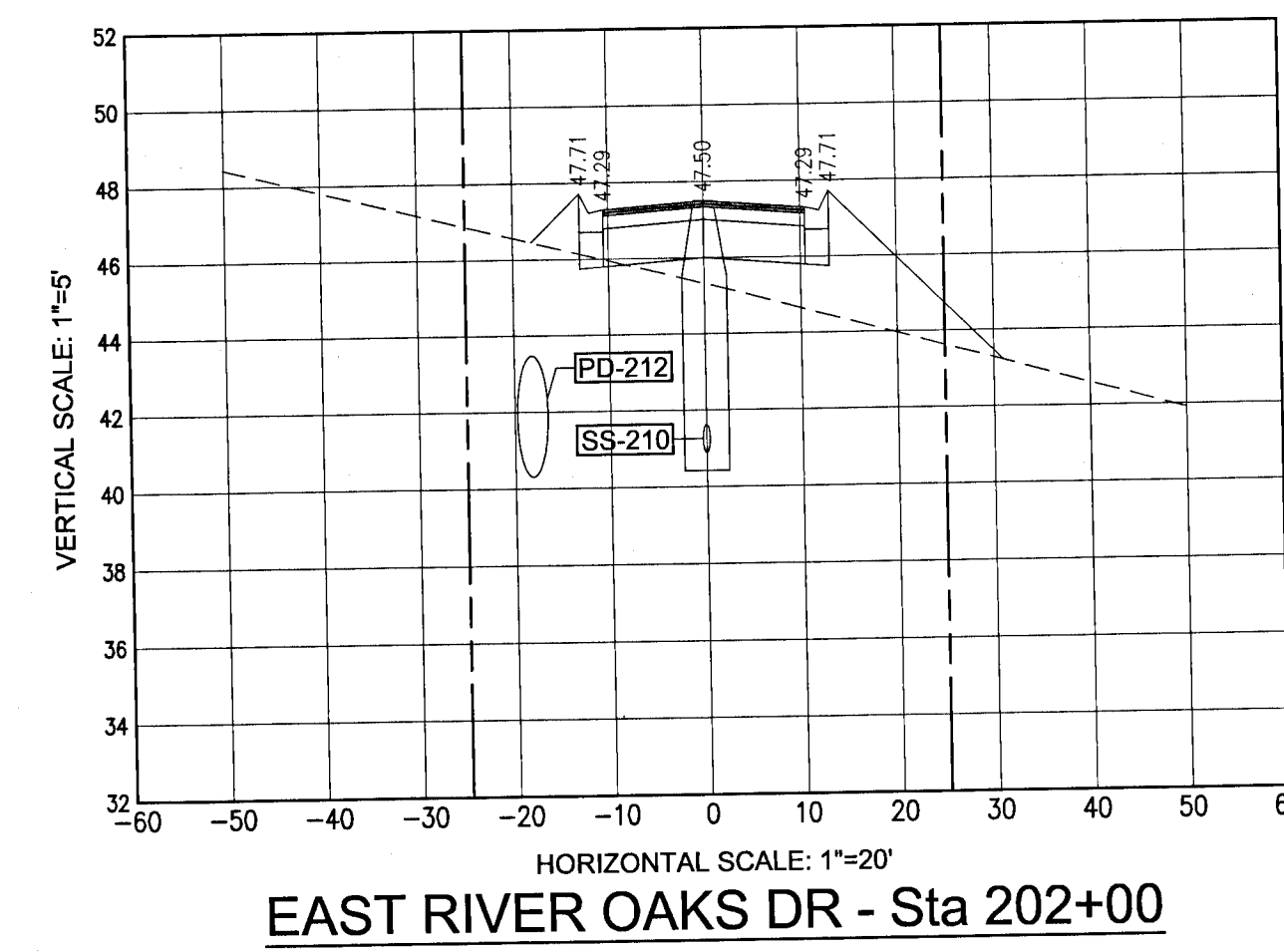
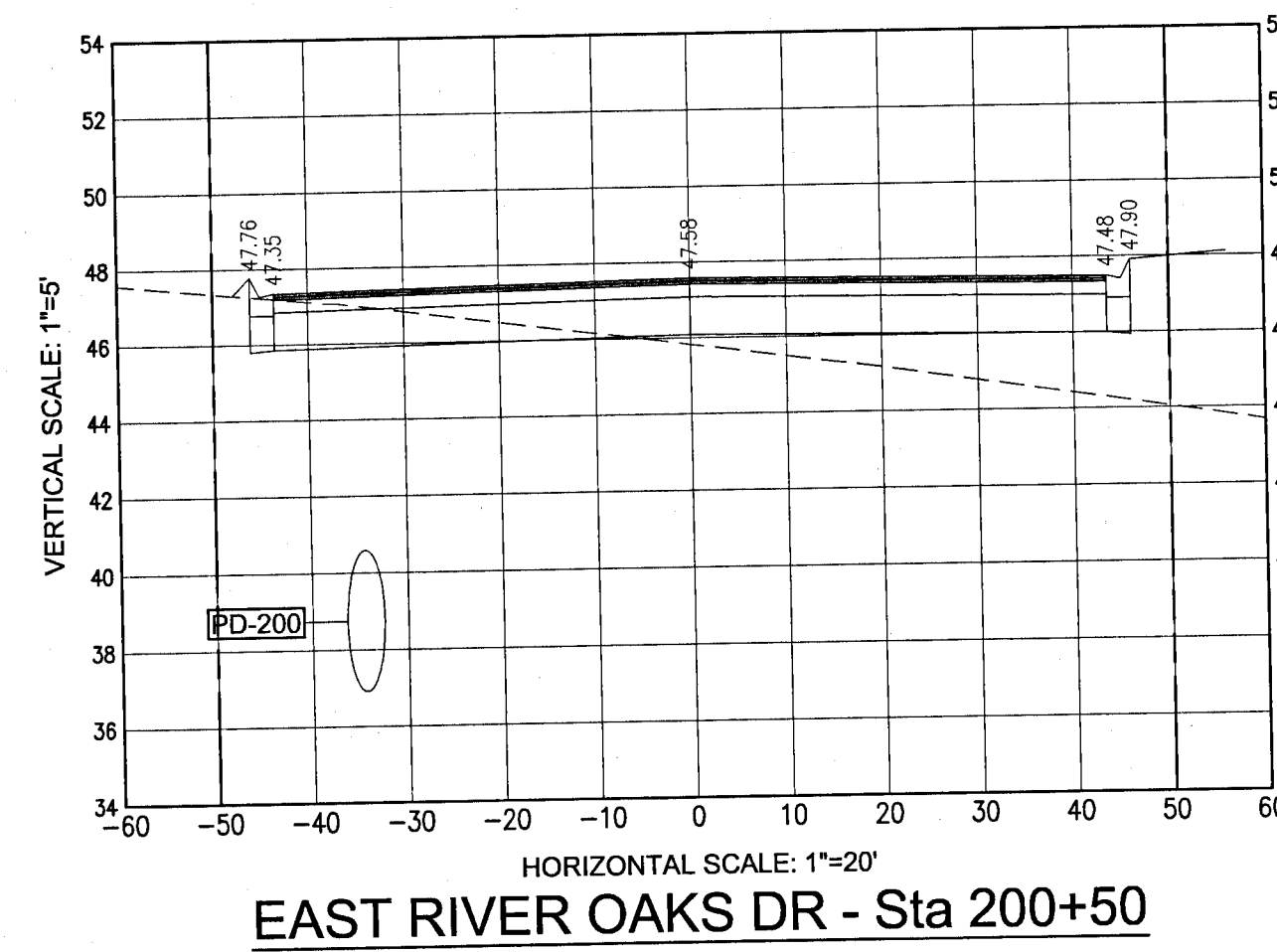
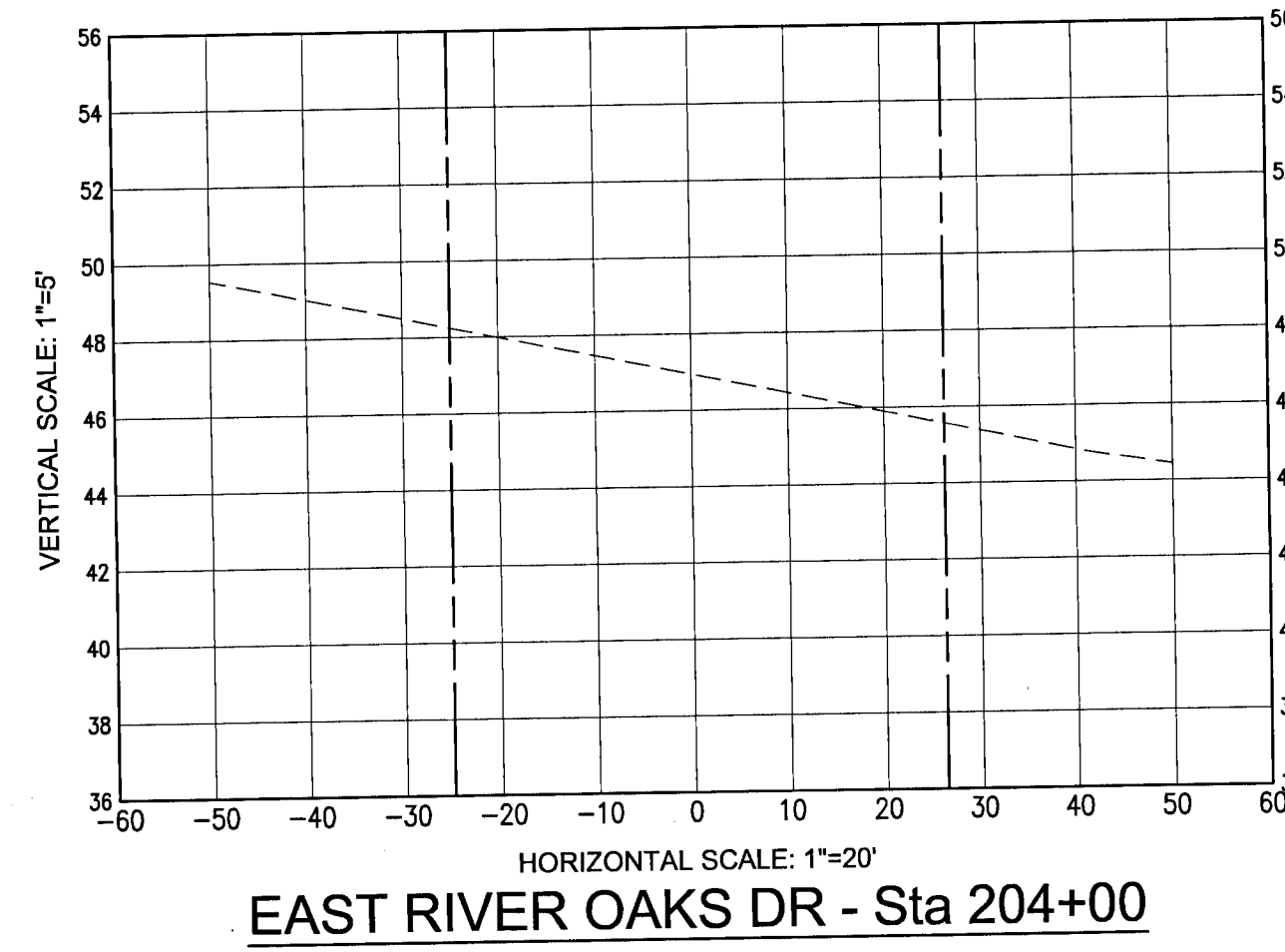
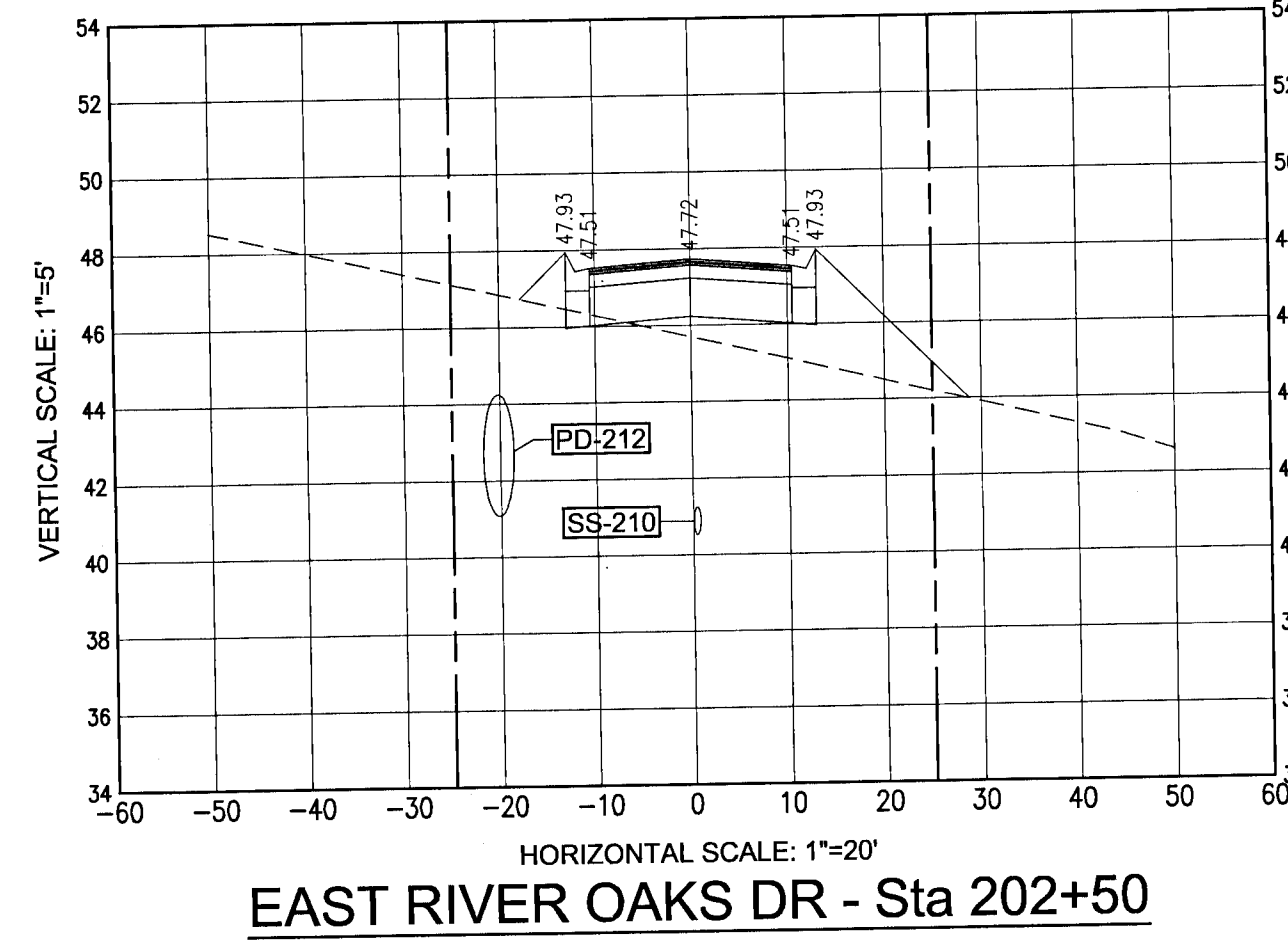
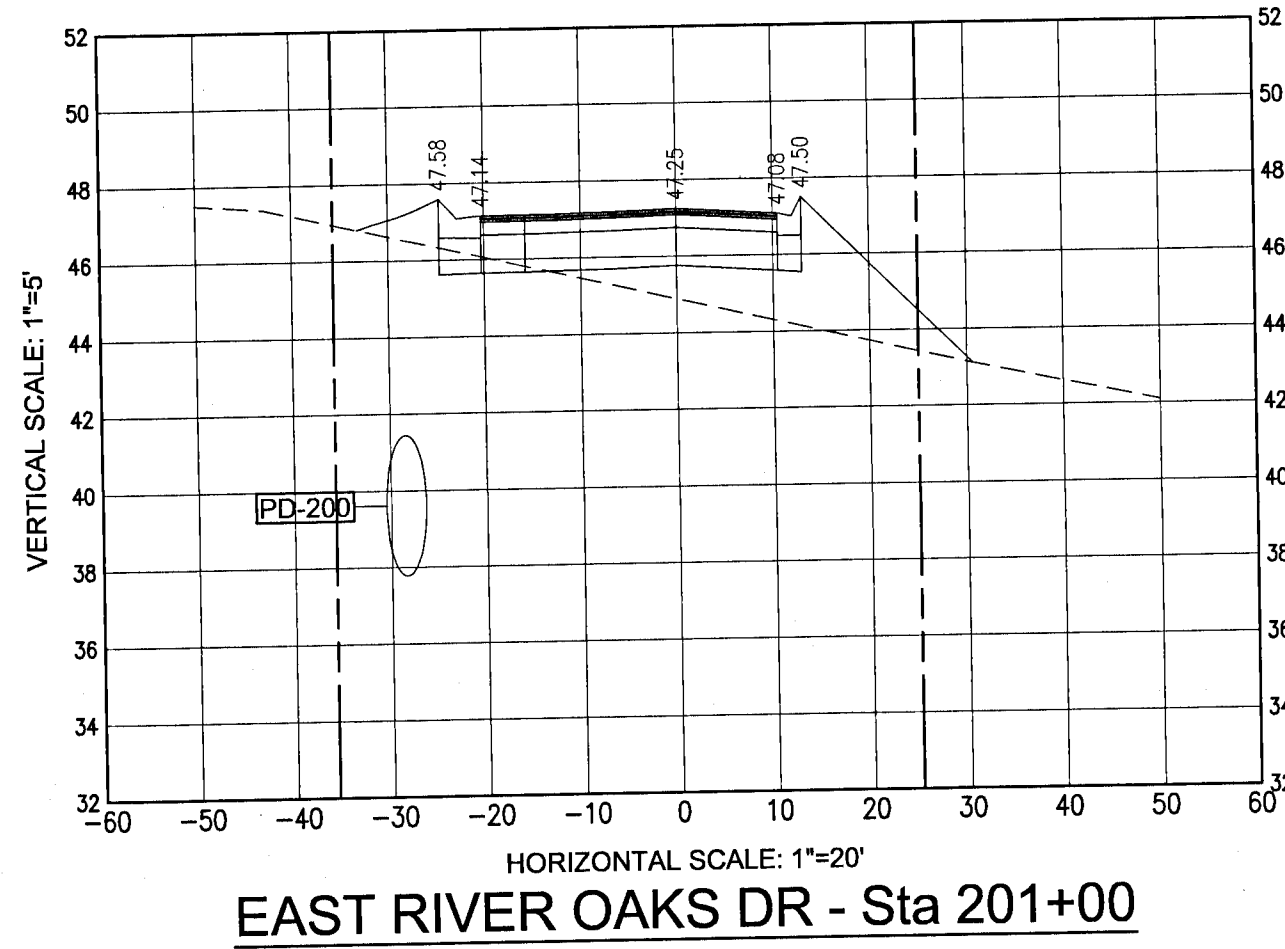
SEAL
 CONSTRUCTION PLANS
 No. 76144
 JEREMY R. KING, P.E.
 No. 76144

Dr. By: CBD
 Ck By: JRK
 Job No.: 2017.103
 Date: 7/18/2019

DRAWING No.
C7.0
 SHEET 29 OF 32

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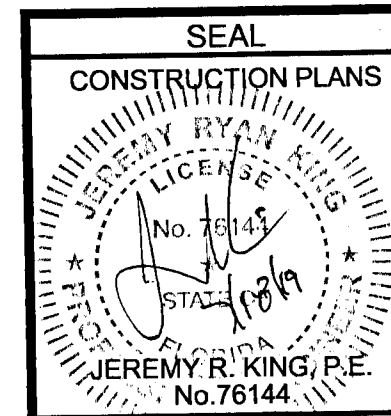




CROSS SECTIONS

**Fallschase at Pathstone
 A 0 Lot Subdivision
 Phase 1
 9 Mile Road
 ESCAMBA COUNTY, FLORIDA**

No.	DATE	REVISION



Dr. By: CBD
 Ck By: JRK
 Job No.: 2017.103
 Date: 7/18/2019

DRAWING No.
C7.3
 SHEET 32 OF 32