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.

CONSTRUCTION PLANS
FOR
FALLSCHASE AT PATHSTONE PHASE 2
A 76 LOT SUBDIVISION
HIGHWAY 90
ESCAMBIA COUNTY, FLORIDA
July 18, 2019

PROFESSIONAL SURVEYOR AND MAPPER
MARK A. NORRIS P.S.M.
REBOL–BATTLE & ASSOCIATES, LLC
2301 NORTH NINTH AVE., SUITE 300
PENSACOLA, FL 32503
TELEPHONE 850.438.0400

CIVIL ENGINEER
JEREMY R. KING, P.E.
REBOL–BATTLE & ASSOCIATES, LLC
2301 NORTH NINTH AVE., SUITE 300
PENSACOLA, FL 32503
TELEPHONE 850.438.0400

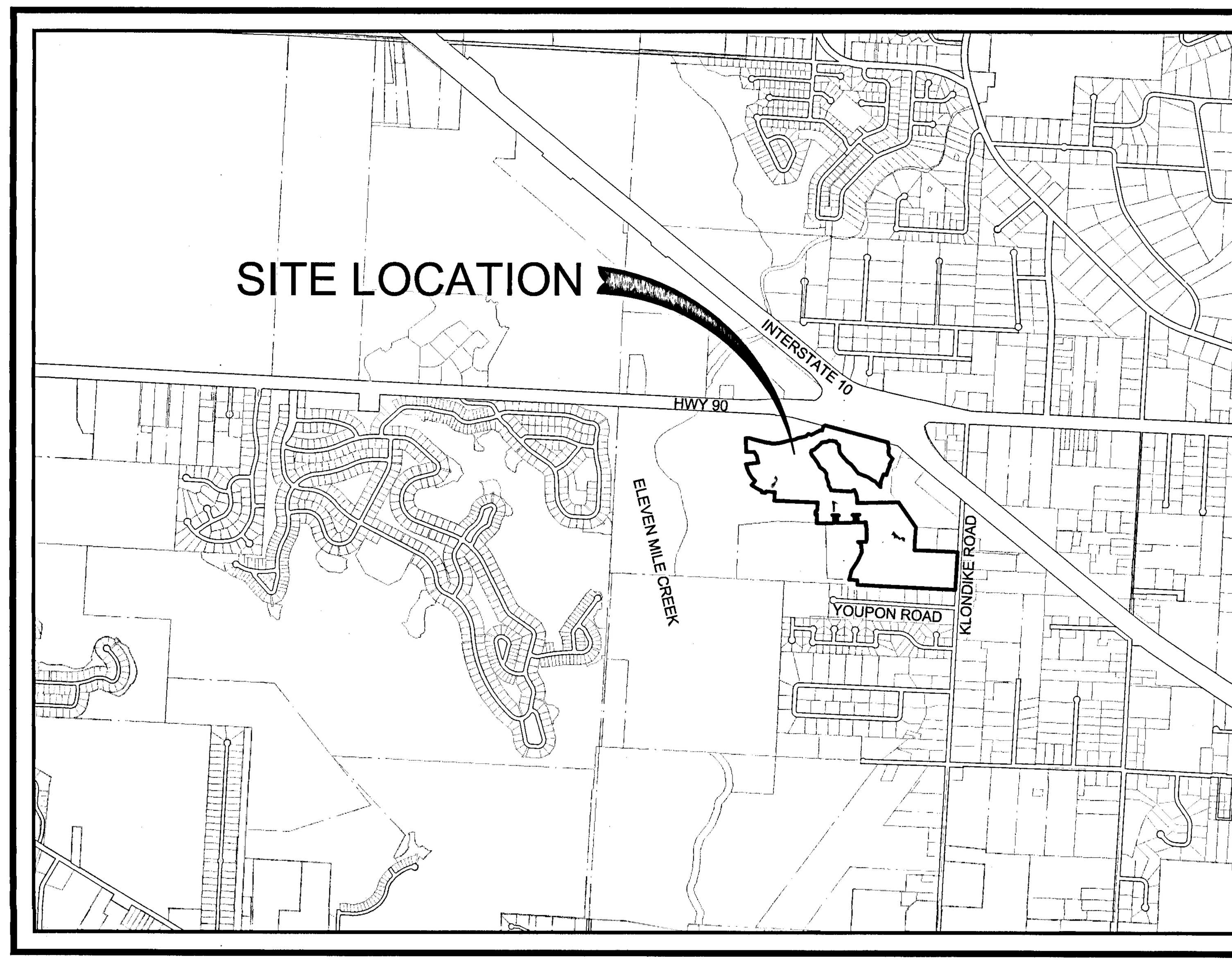
RBA PROJECT NO.: 2017.103

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–XXXX–XXX–XXX
PROPERTY ADDRESS:	NINE MILE ROAD
PROPERTY AREA:	71.86 ACRES
PROJECT AREA:	71.86 ACRES
PROPERTY ZONING:	COMMERCIAL
FUTURE LAND USE:	MU–U
PROPOSED ACTIVITY:	SUBDIVISION
REQUIRED BUILDING SETBACKS COMMERCAIL:	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
X	120080	12033C	290	G	SEPT 29, 2006



VICINITY MAP
SCALE: 1" = 2000'

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 BLANKINCHIP 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. 135,371 Sq ft
Stormwater Ret. 0.80% (F)
Total Drainage Fee $ 5,414.84
Pond Maint. Fee: MSBU

Approved [signature] 7/24/19
Colby Brown, 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.

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
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 ~ C1.6	EXISTING SITE, DEMOLITION AND EROSION CONTROL PLAN
C1.7	EROSION CONTROL DETAILS
C1.8	NPDES-STORMWATER POLLUTION PREVENTION PLAN
C2.0 ~ C2.7	SITE LAYOUT AND DIMENSION PLAN
C3.0 ~ C3.15	GRADING, DRAINAGE PLAN AND DETAILS
C4.0 ~ C4.3	UTILITY PLAN
C5.0 ~ C5.7	PLAN AND PROFILE
C6.0 ~ C6.9	STORMWATER PLAN AND PROFILE
C7.0 ~ C7.5	CROSS SECTIONS

JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA PROFESSIONAL ENGINEER 7-18-19

LEGAL DESCRIPTION

DESCRIPTION: (AS 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 33.00 FEET TO A POINT ON THE WESTERLY RIGHT–OF–WAY (R/W) LINE OF KLONDIKE ROAD (STATE ROAD No. 8, R/W VARIES) ALSO BEING THE POINT OF BEGINNING; THENCE DEPARTING SAID WESTERLY R/W LINE PROCEED NORTH 87°08'55"WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 1498.84 FEET; THENCE DEPARTING SAID SOUTH LINE PROCEED NORTH 02°36'38"WEST FOR A DISTANCE OF 72.08 FEET; THENCE PROCEED NORTH 87°08'42"WEST FOR A DISTANCE OF 120.84 FEET; THENCE PROCEED NORTH 12°48'50" EAST FOR A DISTANCE OF 146.43 FEET; THENCE PROCEED NORTH 33°58'00" EAST FOR A DISTANCE OF 172.67 FEET; THENCE PROCEED NORTH 25°02'40" EAST FOR A DISTANCE OF 149.26 FEET; THENCE PROCEED NORTH 03°10'25" WEST FOR A DISTANCE OF 62.80 FEET; THENCE PROCEED NORTH 57°43'30" WEST FOR A DISTANCE OF 13.05 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 50.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 90.91 FEET (DELTA ANGLE = 47°36'49", CHORD DISTANCE = 20.78 FEET, CHORD BEARING = NORTH 48°05'49" WEST) TO A POINT NON–TANGENCY; THENCE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 116.82 FEET; THENCE PROCEED NORTH 01°22'30" WEST FOR A DISTANCE OF 200.00 FEET; THENCE PROCEED SOUTH 88°37'30" WEST FOR 10.00 FEET; THENCE PROCEED NORTH 01°22'30" WEST FOR A DISTANCE OF 50.00 FEET; THENCE PROCEED SOUTH 88°37'30" WEST FOR A DISTANCE OF 120.00 FEET; THENCE PROCEED NORTH 01°22'30" WEST FOR A DISTANCE OF 90.58 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = NORTH 43°37'30" EAST); THENCE PROCEED SOUTH 88°37'30"WEST FOR A DISTANCE OF 100.00 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 89°59'59", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = SOUTH 46°22'31"EAST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 01°22'30"EAST FOR A DISTANCE OF 90.58 FEET; THENCE PROCEED SOUTH 88°37'30"WEST FOR A DISTANCE OF 260.00 FEET; THENCE PROCEED NORTH 01°22'30"WEST FOR A DISTANCE OF 90.67 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.60 FEET (DELTA ANGLE = 90°46'04", CHORD DISTANCE = 35.59 FEET, CHORD BEARING = NORTH 44°00'32"EAST) TO A NON–TANGENT POINT OF INTERSECTION WITH A CIRCULAR CURVE CONCAVE NORTHERLY, SAID CURVE HAVING A RADIUS OF 970.30 FEET; THENCE PROCEED WESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 52.06 FEET (DELTA ANGLE = 3°04'26", CHORD DISTANCE = 52.05 FEET, CHORD BEARING = NORTH 89°04'13"WEST) TO THE POINT OF TANGENCY; THENCE PROCEED NORTH 87°32'00"WEST FOR A DISTANCE OF 46.76 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 37.59 FEET (DELTA ANGLE = 86°09'30", CHORD DISTANCE = 34.15 FEET, CHORD BEARING = SOUTH 44°27'15"EAST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 01°22'30"EAST FOR A DISTANCE OF 95.95 FEET; THENCE PROCEED SOUTH 88°37'30"WEST FOR A DISTANCE OF 130.27 FEET; THENCE PROCEED SOUTH 01°23'02"EAST FOR A DISTANCE OF 2.04 FEET; THENCE PROCEED NORTH 87°31'56"WEST FOR A DISTANCE OF 138.40 FEET; THENCE PROCEED NORTH 02°28'00"EAST FOR A DISTANCE OF 129.81 FEET; THENCE PROCEED NORTH 87°32'00"WEST FOR A DISTANCE OF 23.75 FEET; THENCE PROCEED NORTH 02°28'00"EAST FOR A DISTANCE OF 50.00 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHWESTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = NORTH 47°28'00"EAST) TO THE POINT OF TANGENCY; THENCE PROCEED NORTH 02°28'00"EAST FOR A DISTANCE OF 105.00 FEET; THENCE PROCEED NORTH 87°32'00"WEST FOR A DISTANCE OF 660.00 FEET; THENCE PROCEED NORTH 02°28'00"EAST FOR A DISTANCE OF 130.00 FEET; THENCE PROCEED NORTH 87°32'00"WEST FOR A DISTANCE OF 27.29 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHERLY, SAID CURVE HAVING A RADIUS OF 495.00 FEET; THENCE PROCEED WESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 84.27 FEET (DELTA ANGLE = 9°45'14", CHORD DISTANCE = 84.17 FEET, CHORD BEARING = NORTH 82°39'23"WEST) TO THE POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 38.69 FEET (DELTA ANGLE = 88°40'03", CHORD DISTANCE = 34.94 FEET, CHORD BEARING = SOUTH 57°53'13"WEST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 13°09'38"WEST FOR A DISTANCE OF 6.85 FEET; THENCE PROCEED NORTH 77°13'55"WEST FOR A DISTANCE OF 50.00 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 34.80 FEET (DELTA ANGLE = 79°45'49", CHORD DISTANCE = 32.06 FEET, CHORD BEARING = NORTH 27°06'49"WEST) TO THE POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEASTERLY, SAID CURVE HAVING A RADIUS OF 510.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 166.18 FEET (DELTA ANGLE = 18°40'10", CHORD DISTANCE = 165.45 FEET, CHORD BEARING = NORTH 57°39'39" WEST); THENCE PROCEED NORTH 41°40'27"EAST FOR A DISTANCE OF 80.00 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHEASTERLY, SAID CURVE HAVING A RADIUS OF 430.00 FEET; THENCE PROCEED NORTHWESTERLY 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 = NORTH 28°44'36"WEST); THENCE PROCEED NORTH 82°17'35"EAST FOR A DISTANCE OF 187.83 FEET; THENCE PROCEED NORTH 11°54'25"WEST FOR A DISTANCE OF 105.47 FEET; THENCE PROCEED NORTH 35°48'43"WEST FOR A DISTANCE OF 72.36 FEET; THENCE PROCEED NORTH 88°14'12"WEST FOR A DISTANCE OF 119.33 FEET; THENCE PROCEED NORTH 02°54'39"WEST FOR A DISTANCE OF 194.47 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE EASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 11.10 FEET (DELTA ANGLE = 255°26'10", CHORD DISTANCE = 11.10 FEET, CHORD BEARING = NORTH 09°48'26"EAST); THENCE PROCEED NORTH 83°41'14"EAST FOR A DISTANCE OF 37.77 FEET; THENCE PROCEED SOUTH 80°05'46"EAST FOR A DISTANCE OF 47.14 FEET; THENCE PROCEED SOUTH 61°40'19"EAST FOR A DISTANCE OF 21.57 FEET; THENCE PROCEED SOUTH 75°55'59"EAST FOR A DISTANCE OF 238.08 FEET; THENCE PROCEED NORTH 86°34'41"EAST FOR A DISTANCE OF 24.39 FEET; THENCE PROCEED SOUTH 73°09'43"EAST FOR A DISTANCE OF 42.40 FEET; THENCE PROCEED NORTH 84°30'36"EAST FOR A DISTANCE OF 119.47 FEET; THENCE PROCEED NORTH 75°14'48"EAST FOR A DISTANCE OF 139.64 FEET; THENCE PROCEED NORTH 81°09'02"EAST FOR A DISTANCE OF 82.68 FEET; THENCE PROCEED NORTH 63°03'58"EAST FOR A DISTANCE OF 57.52 FEET; THENCE PROCEED NORTH 78°25'38"EAST FOR A DISTANCE OF 128.63 FEET; THENCE PROCEED NORTH 40°35'34"EAST FOR A DISTANCE OF 56.39 FEET; THENCE PROCEED SOUTH 60°40'58" EAST FOR A DISTANCE OF 42.89 FEET; THENCE PROCEED NORTH 63°50'59"EAST FOR A DISTANCE OF 151.68 FEET; THENCE PROCEED NORTH 87°03'59"EAST FOR A DISTANCE OF 36.62 FEET; THENCE PROCEED NORTH 17°01'33"EAST FOR A DISTANCE OF 65.72 FEET; THENCE PROCEED NORTH 61°56'01"EAST FOR A DISTANCE OF 30.09 FEET TO A POINT ON THE SOUTHERLY R/W LINE OF NINE MILE ROAD (STATE ROAD No. 10, R/W VARIES); THENCE PROCEED SOUTH 74°56'23"EAST ALONG SAID SOUTHERLY R/W LINE FOR A DISTANCE OF 991.06 FEET; THENCE DEPARTING SAID SOUTHERLY R/W LINE PROCEED SOUTH 11°42'13"EAST FOR A DISTANCE OF 20.79 FEET; THENCE PROCEED SOUTH 04°48'29"WEST FOR A DISTANCE OF 29.80 FEET; THENCE PROCEED SOUTH 22°26'54"EAST FOR A DISTANCE OF 47.57 FEET; THENCE PROCEED SOUTH 18°40'57"WEST FOR A DISTANCE OF 39.17 FEET; THENCE PROCEED SOUTH 03°54'30"EAST FOR A DISTANCE OF 53.24 FEET; THENCE PROCEED SOUTH 44°49'23"EAST FOR A DISTANCE OF 88.34 FEET; THENCE PROCEED SOUTH 31°28'00"WEST FOR A DISTANCE OF 95.03 FEET; THENCE PROCEED SOUTH 21°17'57"EAST FOR A DISTANCE OF 20.44 FEET; THENCE PROCEED SOUTH 24°10'52"WEST FOR A DISTANCE OF 58.55 FEET; THENCE PROCEED SOUTH 18°10'02"WEST FOR A DISTANCE OF 97.88 FEET; THENCE PROCEED NORTH 76°31'28"WEST FOR A DISTANCE OF 41.81 FEET; THENCE PROCEED SOUTH 22°29'55"WEST FOR A DISTANCE OF 123.28 FEET; THENCE PROCEED SOUTH 02°30'28"WEST FOR A DISTANCE OF 86.24 FEET; THENCE PROCEED NORTH 41°04'10"WEST FOR A DISTANCE OF 120.80 FEET; THENCE PROCEED NORTH 67°19'52"WEST FOR A DISTANCE OF 43.59 FEET; THENCE PROCEED NORTH 55°53'20"WEST FOR A DISTANCE OF 75.91 FEET; THENCE PROCEED NORTH 67°19'58"WEST FOR A DISTANCE OF 161.37 FEET; THENCE PROCEED NORTH 39°04'39"WEST FOR A DISTANCE OF 73.70 FEET; THENCE PROCEED NORTH 39°28'28"WEST FOR A DISTANCE OF 56.96 FEET; THENCE PROCEED NORTH 40°46'45"WEST FOR A DISTANCE OF 47.08 FEET; THENCE PROCEED NORTH 53°56'35"WEST FOR A DISTANCE OF 66.59 FEET; THENCE PROCEED NORTH 41°16'59"WEST FOR A DISTANCE OF 173.38 FEET; THENCE PROCEED NORTH 17°44'00"WEST FOR A DISTANCE OF 52.13 FEET; THENCE PROCEED NORTH 01°09'37"EAST FOR A DISTANCE OF 74.76 FEET; THENCE PROCEED NORTH 56°05'36"WEST FOR A DISTANCE OF 42.47 FEET; THENCE PROCEED NORTH 29°36'36" WEST FOR A DISTANCE OF 33.18 FEET; THENCE PROCEED NORTH 77°34'57"WEST FOR A DISTANCE OF 50.38 FEET; THENCE PROCEED NORTH 88°44'50"WEST FOR A DISTANCE OF 51.48 FEET; THENCE PROCEED SOUTH 68°05'56"WEST FOR A DISTANCE OF 46.96 FEET; THENCE PROCEED SOUTH 84°24'40"WEST FOR A DISTANCE OF 69.51 FEET; THENCE PROCEED SOUTH 39°05'41"WEST FOR A DISTANCE OF 41.81 FEET; THENCE PROCEED SOUTH 48°49'48"WEST FOR A DISTANCE OF 119.62 FEET; THENCE PROCEED SOUTH 74°44'54"WEST FOR A DISTANCE OF 42.20 FEET; THENCE PROCEED SOUTH 16°47'25"WEST FOR A DISTANCE OF 38.99 FEET; THENCE PROCEED SOUTH 23°55'24"EAST FOR A DISTANCE OF 30.55 FEET; THENCE PROCEED SOUTH 37°50'31"EAST FOR A DISTANCE OF 44.57 FEET; THENCE PROCEED SOUTH 36°15'17"EAST FOR A DISTANCE OF 104.15 FEET; THENCE PROCEED SOUTH 28°28'48"EAST FOR A DISTANCE OF 83.61 FEET; THENCE PROCEED SOUTH 55°51'08"EAST FOR A DISTANCE OF 66.35 FEET; THENCE PROCEED SOUTH 36°52'49"EAST FOR A DISTANCE OF 66.80 FEET; THENCE PROCEED SOUTH 03°00'39"EAST FOR A DISTANCE OF 66.44 FEET; THENCE PROCEED SOUTH 21°25'05"EAST FOR A DISTANCE OF 85.70 FEET; THENCE PROCEED SOUTH 01°20'09"EAST FOR A DISTANCE OF 40.34 FEET; THENCE PROCEED SOUTH 36°32'47"EAST FOR A DISTANCE OF 37.44 FEET; THENCE PROCEED SOUTH 23°51'17"EAST FOR A DISTANCE OF 50.07 FEET; THENCE PROCEED SOUTH 86°44'13"EAST FOR A DISTANCE OF 306.33 FEET; THENCE PROCEED NORTH 57°27'00"EAST FOR A DISTANCE OF 50.00 FEET TO A NON–TANGENT POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 300.00 FEET; THENCE PROCEED SOUTHERLY ALONG THE ARC OF SAID CURVE FOR AN ARC DISTANCE OF 163.23 FEET (DELTA ANGLE = 31°10'30", CHORD DISTANCE = 161.23 FEET, CHORD BEARING = SOUTH 16°57'45"EAST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 01°22'30"EAST FOR A DISTANCE OF 48.07 FEET; THENCE PROCEED NORTH 88°37'30"EAST FOR A DISTANCE OF 629.25 FEET; THENCE PROCEED SOUTH 34°18'54"EAST FOR A DISTANCE OF 467.36 FEET; THENCE PROCEED SOUTH 03°12'28"WEST FOR A DISTANCE OF 350.00 FEET; THENCE PROCEED SOUTH 87°42'59"EAST FOR A DISTANCE OF 661.86 FEET TO THE AFORESAID WESTERLY R/W LINE OF KLONDIKE ROAD; THENCE PROCEED SOUTH 03°15'13"WEST ALONG SAID WESTERLY R/W LINE FOR A DISTANCE OF 580.80 FEET TO THE POINT OF BEGINNING.
LYING IN AND BEING A PORTION OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA, AND CONTAINING 71.87 ACRES MORE OR LESS.

M:\RBA TITLE BLOCKS\RBA 2006\TITLE BLOCKS\24X36\RBA-SHT-2436.DWG

HORIZONTAL SCALE

200 0 100 200 400 800

(IN FEET)
1 INCH = 200 FT. (24"x36")
1 INCH = 400 FT. (12"x18")

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.

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 AL 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. ALL SIDEWALKS, CURB RAMPS AND DRIVEWAYS MUST BE BUILT TO THE LATEST EDITION OF THE FDOT DESIGN STANDARDS, ADA AND PROWAG.

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.

17. ALL ADEQUATE TREE PROTECTION MEASURES AND BARRICADES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE AND MAINTAINED IN GOOD WORKING ORDER UNTIL PROJECT IS COMPLETE AND SITE BECOMES STABILIZED.

POINT CHART

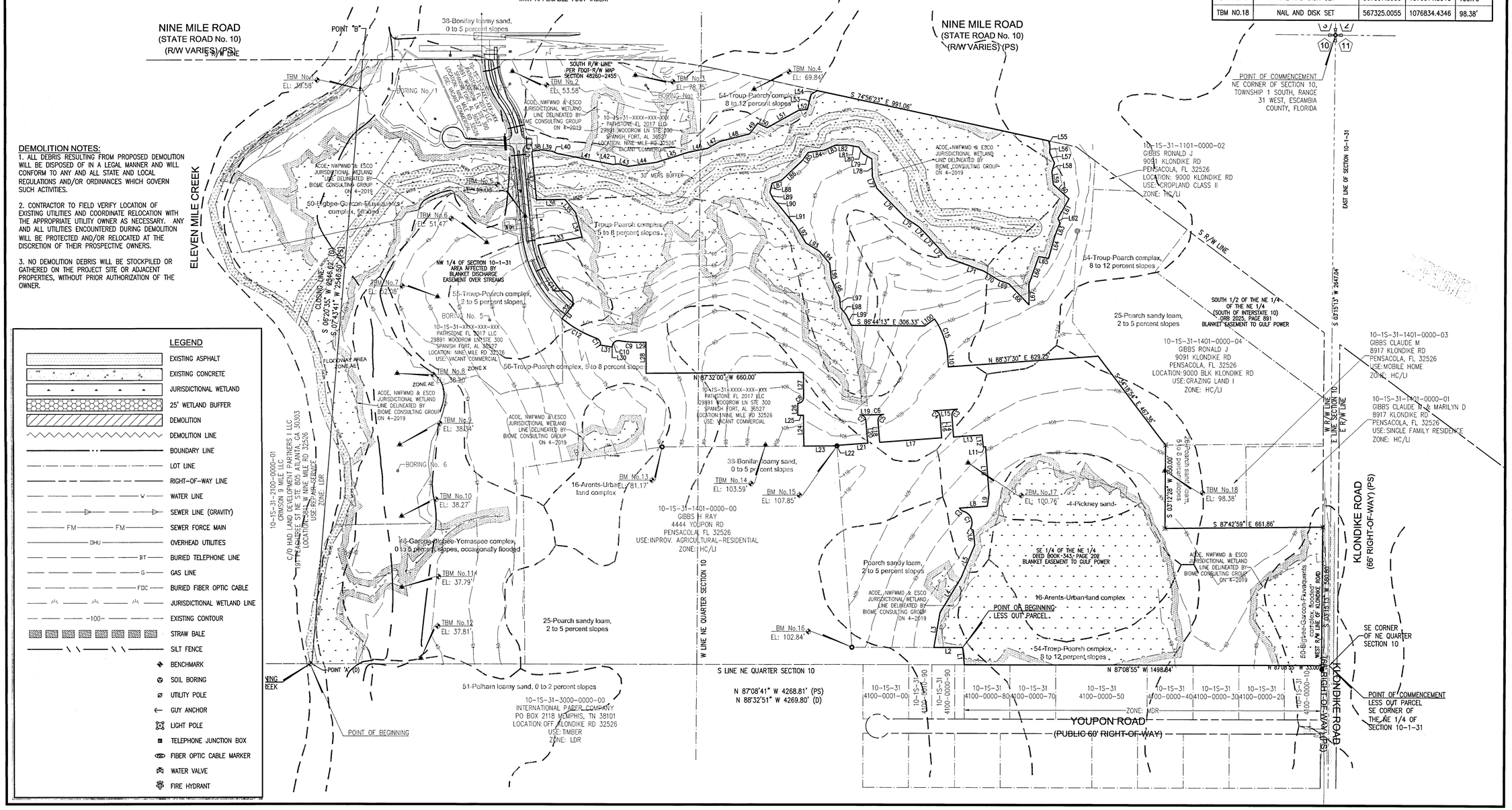
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM NO.13	2" DIA ROUND CONC MONUMENT	567526.3430	1074734.0308	81.17'
BM NO.15	2" DIA ROUND CONC MONUMENT	567494.7602	1075466.8797	107.85'
BM NO.16	2" DIA ROUND CONC MONUMENT	566647.1295	1075487.3576	102.84'
TBM NO.1	NAIL AND DISK SET	569087.2640	1073545.7589	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.4	NAIL AND DISK SET	569007.1169	1075193.4876	69.84'
TBM NO.5	NAIL AND DISK SET	568520.4502	1074210.0787	48.06'
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'
TBM NO.8	NAIL AND DISK SET	567888.8848	1073642.0017	38.20'
TBM NO.9	NAIL AND DISK SET	567588.9969	1073635.9906	38.34'
TBM NO.10	NAIL AND DISK SET	567289.1126	1073628.4113	38.27'
TBM NO.11	NAIL AND DISK SET	566988.8665	1073613.9182	37.79'
TBM NO.12	NAIL AND DISK SET	566688.8390	1073679.3039	37.81'
TBM NO.14	NAIL AND DISK SET	567513.0250	1075167.6580	103.59'
TBM NO.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'
TBM NO.18	NAIL AND DISK SET	567325.0055	1076834.4346	98.38'

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.



LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- JURISDICTIONAL WETLAND
- 25' WETLAND BUFFER
- DEMOLITION
- DEMOLITION LINE
- BOUNDARY LINE
- LOT LINE
- RIGHT-OF-WAY LINE
- W — WATER LINE
- SEWER LINE (GRAVITY)
- FM — FM — SEWER FORCE MAIN
- OHU — OVERHEAD UTILITIES
- BT — BURIED TELEPHONE LINE
- G — GAS LINE
- FOC — BURIED FIBER OPTIC CABLE
- JURISDICTIONAL WETLAND LINE
- -100- 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
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Telephone 850.438.0400 Fax 850.438.0448
EB 0000657

OVERALL EXISTING SITE PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING LICENSE No. 76144 STATE OF FLORIDA
JEREMY RYAN KING P.E. No. 76144

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

DRAWING No.
C1.0
SHEET 1 OF 60

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HORIZONTAL SCALE

(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

TBM No.5
EL. 48.06'

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

30' MERS BUFFER

10-15-31-XXXX-XXX-XXX
PATHSTONE FL 2017 LLC
29891 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

SAWCUT & REMOVE 78 LF OF CONCRETE CURB & GUTTER FOR AMENITIES AREA CONSTRUCTION

SAWCUT & REMOVE 71 LF OF CONCRETE SIDEWALK FOR AMENITIES AREA CONSTRUCTION

SAWCUT & REMOVE 30 LF OF CONCRETE CURB & GUTTER

SAWCUT & REMOVE 333 SY OF TEMPORARY ASPHALT CUL-DE-SAC

SAWCUT & REMOVE 102 LF OF CONCRETE RIBBON CURB

SAWCUT & REMOVE 62 SY OF ASPHALT FOR MEDIAN CONSTRUCTION

CONSTRUCT STABILIZED CONSTRUCTION ENTRANCE SEE DETAIL

INSTALL SILT FENCE & STRAW BALES SEE DETAILS

CLEAR & GRUB TO LIMITS SHOWN

REMOVE TREE TYPICAL

INSTALL SILT FENCE SEE DETAILS

10-1-31
BY
ARGE
TREAMS

APPROVED

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
FB 00009657

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C1.1
SHEET 2 OF 60

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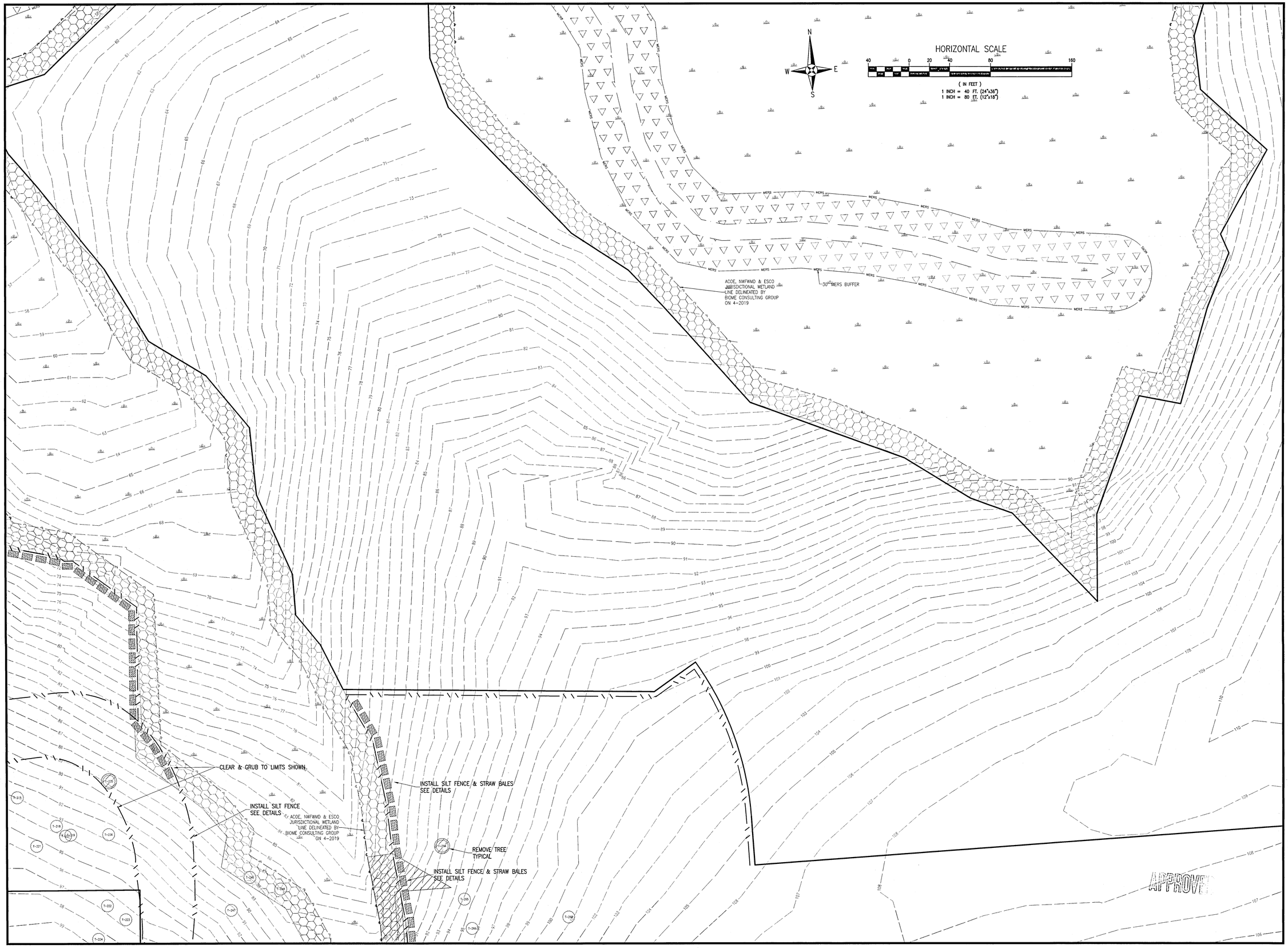

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EXISTING SITE, DEMOLITION
& EROSION CONTROL PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

JEREMY RYAN KING
LICENSE
No. 76144
STATE OF
FLORIDA
7-18-19
JEREMY R. KING P.E.
No. 76144

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

DRAWING No.
C1.2
SHEET 3 OF 60

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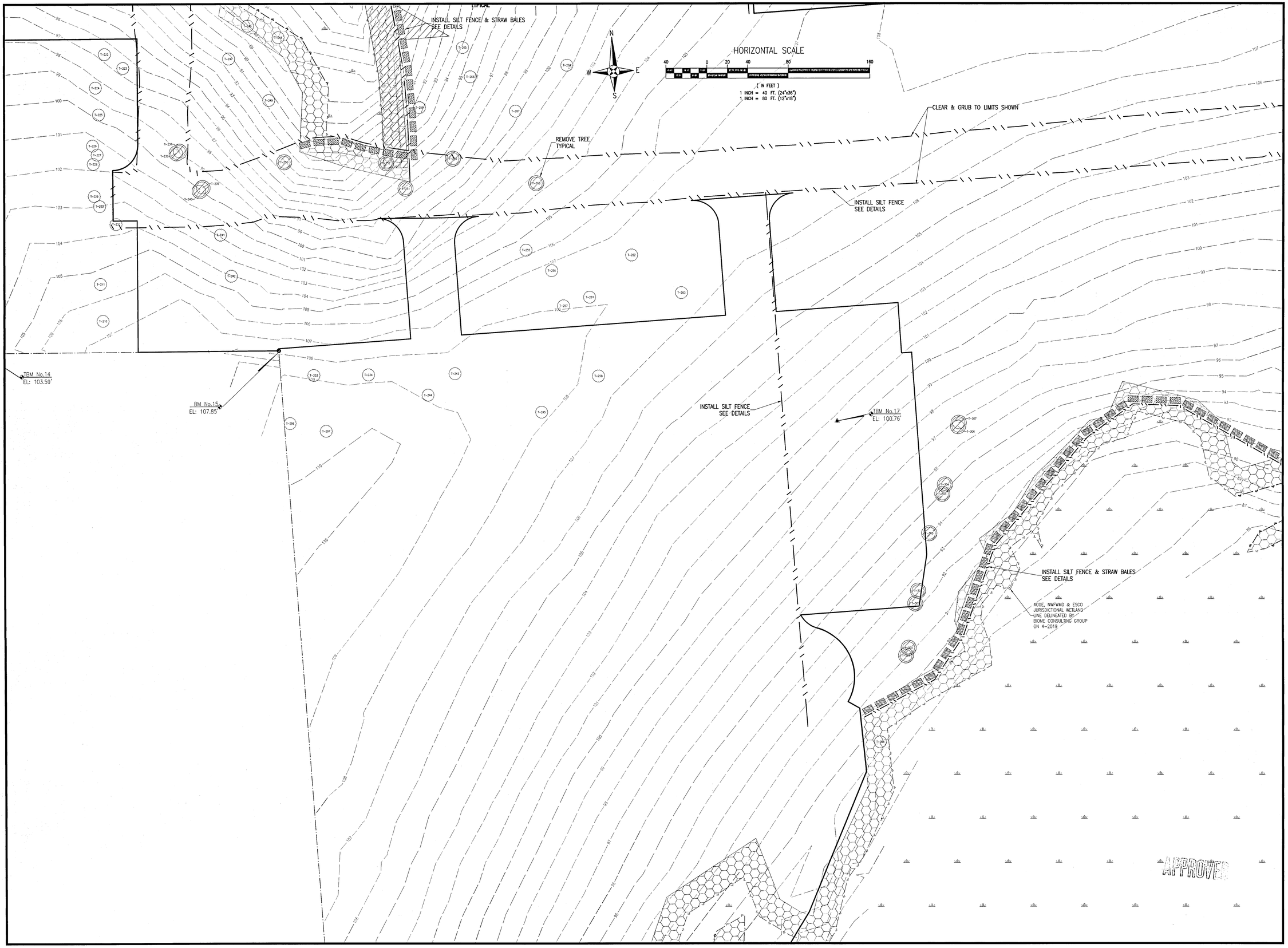

RBA
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EB 0000267

EXISTING SITE, DEMOLITION
& EROSION CONTROL PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY RYAN KING
LICENSE
No. 76144
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.

C1.3
SHEET 4 OF 60

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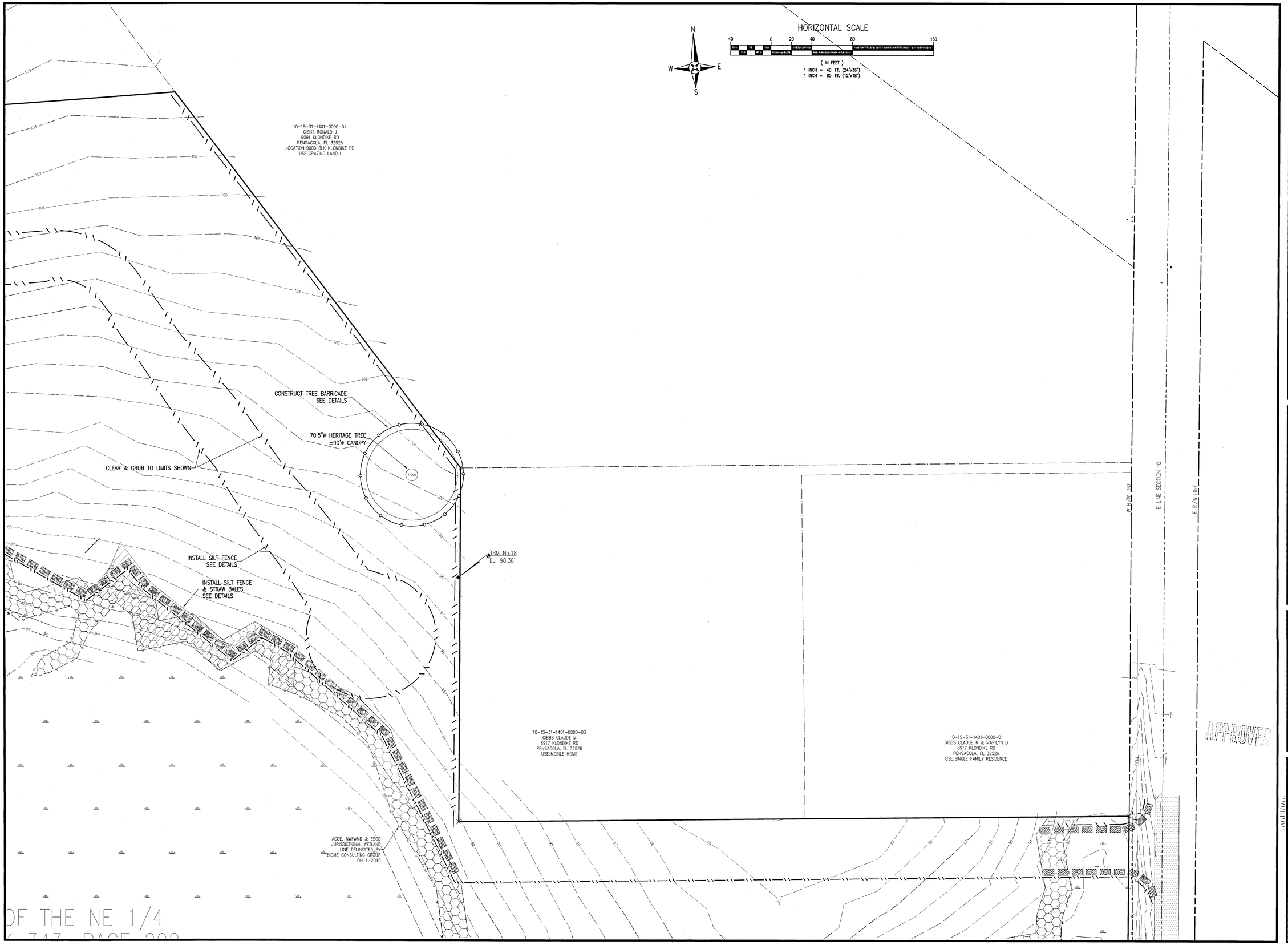

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EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
LICENSE
No. 76144
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.

C1.4
SHEET 5 OF 60

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BIOME CONSULTING GROUP
ON 4-2019

N
W E
S

HORIZONTAL SCALE

40 0 20 40 80 160

(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

10-1S-31-4100-000-050
RICHARDS NEIL R & ANNE E
4430 YOUPON RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

10-1S-31-4100-000-040
MOON JOHN C
4420 YOUPON RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

10-1S-31-4100-000-030
LEDBETTER PAUL N & SHIRLEY
4416 YOUPON RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

10-1S-31-4100-000-020
STEELE ALFRED R
BROWN SHELBY JEAN STEELE
4410 YOUPON RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

10-1S-31-4100-0000-10
JANES DONALD B & BEVERLY S
8801 KLONDIKE RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

CONCRETE SLAB OVER DITCH

YOUPON ROAD
(PUBLIC 60' RIGHT-OF-WAY)

CONCRETE HEADWALL
INV=69.02

30 MPH

24" RCP

ASPHALT SWALE

INV=68.69

STREET SIGN

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

RBA
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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000657

EXISTING SITE, DEMOLITION & EROSION CONTROL PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

JEREMY R. KING
LICENSE
No. 76144
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.

C1.5
SHEET 6 OF 60

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TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-110	BAY 33.5	PROTECT
T-170	LIVE OAK 18.5	PROTECT
T-174	LIVE OAK 36.5	REMOVE
T-190	LAUREL OAK 19.5	REMOVE
T-191	LIVE OAK 40.5	PROTECT
T-192	LIVE OAK 38.5	PROTECT
T-193	LIVE OAK 26	PROTECT
T-194	LIVE OAK 39	PROTECT
T-198	LIVE OAK 39.5	PROTECT
T-200	LIVE OAK 40	PROTECT
T-204	LIVE OAK 25	PROTECT
T-205	LIVE OAK 41	PROTECT
T-206	LIVE OAK 28.5	REMOVE
T-207	LIVE OAK 35.5	PROTECT
T-208	LIVE OAK 34.5	PROTECT
T-209	LIVE OAK CLUSTER 30	PROTECT
T-212	LIVE OAK 29.5	REMOVE
T-213	LIVE OAK 26.5	PROTECT
T-214	LIVE OAK 26.5	PROTECT
T-215	LIVE OAK 26.5	PROTECT

TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-216	LIVE OAK 19	PROTECT
T-217	LIVE OAK CLUSTER 33	PROTECT
T-218	LIVE OAK 26	PROTECT
T-219	LIVE OAK 26.5	PROTECT
T-220	LIVE OAK 27.5	PROTECT
T-221	LIVE OAK 19.5	PROTECT
T-232	SOUTHERN RED OAK 22.5	PROTECT
T-235	LIVE OAK 24.5	REMOVE
T-236	LIVE OAK 20	PROTECT
T-237	LIVE OAK 20.5	REMOVE
T-238	LIVE OAK 27.5	REMOVE
T-239	LIVE OAK 34.5	REMOVE
T-240	SOUTHERN RED OAK 30	REMOVE
T-241	LAUREL OAK 19.5	PROTECT
T-242	LAUREL OAK 19.5	PROTECT
T-246	LIVE OAK 23	PROTECT
T-247	LIVE OAK 30	PROTECT
T-248	LIVE OAK 32.5	PROTECT
T-249	LAUREL OAK 18.5	PROTECT
T-250	SOUTHERN RED OAK 29.5	REMOVE

TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-251	LIVE OAK 34	REMOVE
T-252	LIVE OAK 19	REMOVE
T-255	LIVE OAK 18.5	PROTECT
T-256	LIVE OAK 20	PROTECT
T-257	LIVE OAK 20.5	PROTECT
T-259	LIVE OAK 31	PROTECT
T-260	LIVE OAK 21.5	REMOVE
T-261	LIVE OAK 38	PROTECT
T-262	LIVE OAK 19	PROTECT
T-263	LIVE OAK CLUSTER 46	PROTECT
T-264	LIVE OAK 34	REMOVE
T-265	LAUREL OAK 19.5	PROTECT
T-266	LIVE OAK CLUSTER 43	PROTECT
T-267	LIVE OAK 39	PROTECT
T-268	LIVE OAK 20.5	REMOVE
T-269	LIVE OAK 21.5	PROTECT
T-273	LIVE OAK 33.5	PROTECT
T-274	LIVE OAK 23	PROTECT
T-298	LIVE OAK 22.5	PROTECT
T-299	LIVE OAK 20.5	REMOVE

TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-300	LIVE OAK 30.5	REMOVE
T-301	LIVE OAK 26.5	REMOVE
T-302	LIVE OAK 25	REMOVE
T-303	LIVE OAK 26.5	REMOVE
T-304	LIVE OAK 28.5	REMOVE
T-305	LIVE OAK 29.5	REMOVE
T-306	LIVE OAK 34.5	REMOVE
T-307	LIVE OAK 21	REMOVE
T-308	LIVE OAK 70.5	PROTECT – H
T-309	WATER OAK 29.5	PROTECT
T-310	LIVE OAK 42	PROTECT
T-311	LIVE OAK 52	PROTECT
T-312	LIVE OAK 41	PROTECT
T-313	LIVE OAK 8.5	PROTECT
T-314	WATER OAK 41.5	PROTECT
T-315	LIVE OAK 39.5	PROTECT
T-316	LIVE OAK 26.5	PROTECT
T-317	LIVE OAK 44	PROTECT
T-318	LIVE OAK 40	PROTECT
T-319	LIVE OAK 33	PROTECT

TREE CHART		
TREE #	SIZE & TYPE	PROTECT/REMOVE
T-320	LIVE OAK 39	PROTECT
T-321	LIVE OAK 30.5	PROTECT

TREE TABLE NOTES:
REMOVE: INDICATES TREE TO BE REMOVED.

PROTECT: INDICATES TREE TO BE PROTECTED. CONTRACTOR SHALL INSTALL TREE BARRICADES PER TREE BARRICADE DETAIL ON PROTECTED TREES TO REMAIN WITHIN THE PROJECT LIMITS.

H: INDICATES HERITAGE TREE. DO NOT REMOVE.

TREE REMOVAL NOTE:
PROTECTED TREES MUST BE PRESERVED UNTIL CONSTRUCTION PLAN APPROVAL. UPON CONSTRUCTION PLAN APPROVAL, PROTECTED TREES MAY BE REMOVED FROM RIGHTS-OF-WAY, STORMWATER PARCELS AND DRAINAGE EASEMENTS. ALL RESIDENTIAL LOTS MUST REMAIN UNDISTURBED INCLUDING PLACEMENT OF FILL UNTIL EACH INDIVIDUAL BUILDING PERMIT IS ISSUED.

BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	72.08	N 2°36'38" W
L2	120.84	N 87°08'42" W
L3	146.43	N 12°48'50" E
L4	172.76	N 33°58'00" E
L5	149.26	N 25°02'40" E
L6	62.80	N 3°10'25" W
L7	13.05	N 57°43'30" W
L8	116.82	N 88°37'30" E
L9	51.24	N 11°15'50" E
L10	200.00	N 1°22'30" W
L11	10.00	S 88°37'30" W
L12	50.00	N 1°22'30" W
L13	120.00	S 88°37'30" W
L14	90.58	N 1°22'30" W
L15	100.00	S 88°37'30" W
L16	90.58	S 1°22'30" E
L17	260.00	S 88°37'30" W
L18	90.67	N 1°22'30" W

BOUNDARY LINE TABLE		
Line #	Length	Direction
L19	46.76	N 87°32'00" W
L20	95.95	S 1°22'30" E
L21	130.27	S 88°37'30" W
L22	2.04	S 1°23'02" E
L23	138.40	N 87°31'56" W
L24	129.81	N 2°28'00" E
L25	23.75	N 87°32'00" W
L26	50.00	N 2°28'00" E
L27	105.00	N 2°28'00" E
L28	130.00	N 2°28'00" E
L29	27.29	N 87°32'00" W
L30	6.51	S 12°46'05" W
L31	50.00	N 77°13'55" W
L32	80.00	N 41°40'27" E
L33	187.83	N 82°17'35" E
L34	105.47	N 11°54'25" W
L35	72.36	N 35°48'43" W
L36	119.33	N 88°14'12" W

BOUNDARY LINE TABLE		
Line #	Length	Direction
L37	194.47	N 2°54'39" W
L38	37.77	N 83°41'14" E
L39	47.14	S 80°05'46" E
L40	21.57	S 61°40'19" E
L41	238.08	S 75°55'59" E
L42	24.39	N 86°34'41" E
L43	42.40	S 73°09'43" E
L44	119.47	N 84°30'36" E
L45	139.64	N 75°14'48" E
L46	82.68	N 81°09'02" E
L47	57.52	N 63°03'58" E
L48	128.63	N 78°25'38" E
L49	56.39	N 40°35'34" E
L50	42.89	S 60°40'58" E
L51	151.68	N 63°50'59" E
L52	36.62	N 87°03'59" E
L53	65.72	S 17°01'33" W
L54	30.09	N 61°56'01" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L55	20.79	S 11°42'13" E
L56	29.80	S 4°48'29" W
L57	47.57	S 22°26'54" E
L58	39.17	S 18°40'57" W
L59	53.24	S 3°54'30" E
L60	88.34	S 44°49'23" E
L61	95.03	S 31°28'00" W
L62	20.44	S 21°17'57" E
L63	58.55	S 24°10'52" W
L64	97.88	S 18°10'02" W
L65	41.81	N 76°31'28" W
L66	123.28	S 22°29'55" W
L67	86.24	S 2°30'28" W
L68	120.80	N 41°04'10" W
L69	43.59	N 67°19'52" W
L70	75.91	N 55°53'20" W
L71	161.37	N 67°19'58" W
L72	73.70	N 39°04'39" W

BOUNDARY LINE TABLE		
Line #	Length	Direction
L73	56.96	N 39°28'28" W
L74	47.08	N 40°46'45" W
L75	66.59	N 53°56'35" W
L76	173.38	N 41°16'59" W
L77	52.13	N 17°44'00" W
L78	74.76	N 1°09'37" E
L79	42.47	N 56°05'36" W
L80	33.18	N 29°36'36" W
L81	50.38	N 77°34'57" W
L82	51.48	N 88°44'50" W
L83	46.96	S 68°05'56" W
L84	69.51	S 84°24'40" W
L85	41.81	S 39°05'41" W
L86	119.62	S 48°49'48" W
L87	42.20	S 74°44'54" W
L88	38.99	S 16°47'25" W
L89	30.55	S 23°55'24" E
L90	44.57	S 37°50'31" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L91	104.15	S 36°15'17" E
L92	83.61	S 28°28'48" E
L93	66.35	S 55°51'08" E
L94	66.80	S 36°52'49" E
L95	66.44	S 3°00'39" E
L96	85.70	S 21°25'05" E
L97	40.34	S 1°20'09" E
L98	37.44	S 36°32'47" E
L99	50.07	S 23°51'17" E
L100	50.00	N 57°27'00" E
L101	48.07	S 1°22'30" E

BOUNDARY CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C1	90.91	50.00	104°10'44"	78.90	N 19°48'52" W
C2	20.78	25.00	47°36'49"	20.18	N 48°05'49" W
C3	39.27	25.00	90°00'00"	35.36	N 43°37'30" E
C4	39.27	25.00	89°59'59"	35.36	S 46°22'31" E
C5	39.60	25.00	90°46'04"	35.59	N 44°00'32" E
C6	52.06	970.30	3°04'26"	52.05	N 89°04'13" W
C7	37.59	25.00	86°09'30"	34.15	S 44°27'15" E
C8	39.27	25.00	90°00'00"	35.36	N 47°28'00" E
C9	84.31	495.00	9°45'32"	84.21	N 82°39'17" W
C10	39.03	25.00	89°27'26"	35.19	S 57°29'48" W
C11	34.80	25.00	79°45'49"	32.06	N 27°06'49" W
C12	166.18	510.00	18°40'10"	165.45	N 57°39'39" W
C13	293.93	430.00	39°09'54"	288.24	N 28°44'36" W
C14	11.10	25.00	25°26'10"	11.01	N 09°48'26" E
C15	163.23	300.00	31°10'30"	161.23	S 16°57'45" E

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EB 0002657

TABLES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
STATE OF FLORIDA

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

DRAWING No.
C1.6
SHEET 7 OF 60

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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 SEEDED 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 COMMERCIALLY 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 SEEDED 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.

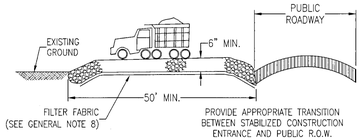
5. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.

6. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).

7. COMPLETE STORMWATER PONDS.

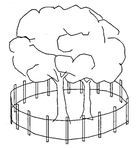
8. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESPREAD STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.

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.

DESCRIPTION:
FILTER BAGS WILL BE USED AS AN EFFECTIVE FILTER MEDIUM TO CONTAIN SAND, SILT AND FINES WHEN TRENCH DEWATERING. THE WETLAND FILTER BAG CONTAINS THESE MATERIALS WHILE ALLOWING THE WATER TO FLOW THROUGH THE FABRIC.

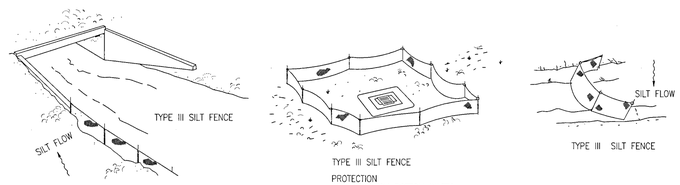
INSTALLATION:
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A SMALL HOLE IN THE CORNER OF THE BAG, INSERTING THE PUMP DISCHARGE HOSE, AND THEN SECURING THE DISCHARGE HOSE TO THE BAG WITH A HOSE CLAMP. FILTER BAGS WILL BE PLACED AS FAR AWAY FROM FLOWING STREAMS AND WETLANDS AS POSSIBLE.

MAINTENANCE:
PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL STOP TO AVOID RUPTURE. FILTER BAGS USED DURING CONSTRUCTION WILL BE BUNDLED AND REMOVED FOR PROPER DISPOSAL.

SPECIFICATION:
FILTER BAGS ARE CONSTRUCTED OF NON-WOVEN GEOTEXTILE FABRIC. A MAXIMUM OF ONE SIX INCH DISCHARGE HOSE WILL BE ALLOWED PER FILTER BAG. BAG CAPACITY WILL BE EXCEEDED BEYOND 2,000 GALLONS PER MINUTE. TYPICAL BAG DIMENSIONS ARE 15 FEET BY 13.25 FEET. TO HELP PREVENT PUNCTURES, GEOTEXTILE FABRIC WILL BE PLACED BENEATH THE FILTER BAG WHEN USED IN WOODED LOCATIONS. UNATTENDED FILTER BAGS WILL BE ENCIRCLED WITH A HAY BALE OR SILT FENCE CORRAL. HOSE CLAMPS WILL BE USED TO SECURE THE DISCHARGE HOSE, WIRE OR STRING WILL NOT BE USED.

FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS

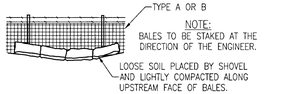
N.T.S.



SILT FENCE APPLICATIONS

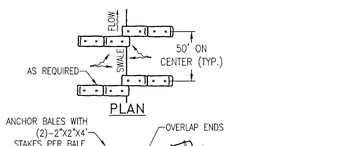
N.T.S.

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.

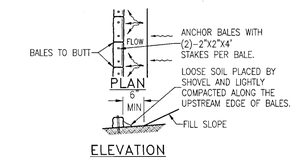


STRAW BALES BACKED BY FENCE

N.T.S.



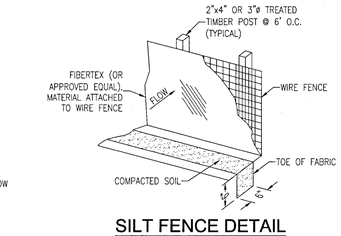
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



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

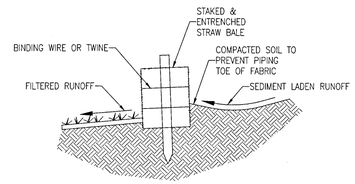
BARRIERS FOR FILL SLOPES

N.T.S.



SILT FENCE DETAIL

N.T.S.



STRAW BALE DETAIL

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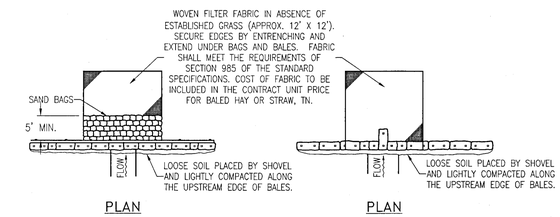
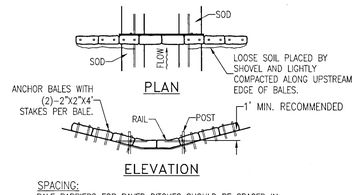


APPLICATION AND SPACING: THE USE OF TYPES I & II BALE BARRIERS SHOULD BE LIMITED TO THE CONDITIONS OUTLINED IN CHART 1, SHEET 1 OF 3, INDEX NO. 102

TYPE II TYPE I

BARRIER FOR UNPAVED DITCH

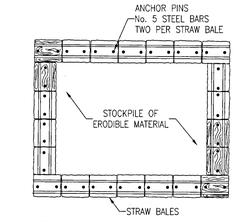
N.T.S.



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

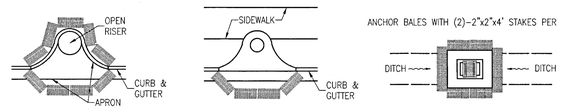
BARRIER FOR PAVED DITCH

N.T.S.



MATERIAL STOCKPILE DETAIL

N.T.S.



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.

APPROVED

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Telephone 850.438.0400 Fax 850.438.0448
EB 0005257

EROSION CONTROL DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
No. 76144
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C1.7
SHEET 8 OF 60

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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 NWFWMD 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.DEP.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 STROMWATER 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.DEP.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: LONGITUDE:	N 30°32'01" W 87°20'30"
WATER MANAGEMENT DISTRICT:	NORTHWEST FLORIDA (NWFWMD)
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.

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

2.3 AREA ESTIMATES:

ONSITE AREA:	174.63 ACRES
OFFSITE AREA:	0 ACRES
TOTAL AREA:	174.63 ACRES
AREA TO BE DISTURBED:	3.00 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 FDOT STANDARD INDEX 106 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 SEPARATE 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.GO) 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.

REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
230 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000957

NPDES - STORMWATER POLLUTION PREVENTION PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
No. 76144
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C1.8
SHEET 9 OF 60

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BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	70.55	S 28°52'03" W
L2	86.53	S 49°02'29" W
L3	122.38	S 67°58'08" W
L4	152.27	S 57°48'30" W
L5	197.48	S 59°03'49" W
L6	81.82	S 53°54'48" W
L7	93.80	S 31°58'55" W
L8	104.01	S 23°10'33" W
L9	94.77	S 8°20'10" E
L10	82.43	S 15°05'58" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L11	124.19	S 16°38'34" E
L12	67.52	S 41°48'55" E
L13	72.25	S 59°34'34" E
L14	73.42	S 60°04'27" E
L15	55.31	S 56°30'10" E
L16	157.82	S 37°37'01" E
L17	83.23	S 14°46'02" E
L18	87.83	S 7°59'13" E
L19	135.98	S 3°26'52" E
L20	88.09	S 17°40'38" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L21	150.18	S 22°03'15" E
L22	63.02	S 2°41'33" E
L23	99.17	S 0°52'27" W
L24	125.89	S 21°27'17" W
L25	88.18	S 33°29'08" W
L26	82.91	S 17°55'35" W
L27	249.27	S 12°18'54" W
L28	90.87	S 14°37'42" W
L29	93.36	S 8°32'38" E

LEGEND

- EXISTING ASPHALT
- WETLAND
- EXISTING WETLAND BUFFER
- PROPOSED VEGETATIVE NATURAL BUFFER
- ADDITIONAL WETLAND BUFFER
- PROPOSED GRAVEL
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- RIPRAP

N

W E

S

HORIZONTAL SCALE

200 0 100 200 400 800

(IN FEET)
1 INCH = 200 FT. (24"x36")
1 INCH = 400 FT. (12"x18")

NINE MILE ROAD
(STATE ROAD No. 10)
(R/W VARIES) (PS)

NINE MILE ROAD
(STATE ROAD No. 10)
(R/W VARIES) (PS)

ELEVEN MILE CREEK

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-1S-31-XXXX-XXX-XXX
PATHSTONE FL 2017 LLC
29891 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

30' MEBS BUFFER

S 74°56'23" E 991.06'

10-1S-31-1101-0000-02
GIBBS RONALD J
9091 KLONDIKE RD
PENSACOLA, FL 32526
LOCATION: 9000 KLONDIKE RD
USE: CROPLAND CLASS II
ZONE: HC/LI

PARCEL C
PUBLIC DRY
STORMWATER POND
1.73 ACRES

VEGETATIVE
NATURAL
BUFFER

PARCEL A
AMENITIES/MAIL KIOSK
PRIVATE
1.21 ACRES

PARCEL D
PUBLIC DRY
STORMWATER POND
1.31 ACRES

20 YEAR TIME OF TRAVEL
CONTOUR/WELLHEAD
PROTECTION AREA

BLOCK C

BLOCK D

PARCEL B
PRIVATE MEDIAN
0.01 ACRES

PATHSTONE BLVD
50' PUBLIC R/W

S 86°44'13" E 308.33'

PARCEL D-1
COMMON AREA
PRIVATE
0.38 ACRES

10-1S-31-1401-0000-04
GIBBS RONALD J
9091 KLONDIKE RD
PENSACOLA, FL 32526
LOCATION: 9000 BLK KLONDIKE RD
USE: GRAZING LAND I
ZONE: HC/LI

10-1S-31-1401-0000-03
GIBBS CLAUDE M
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: MOBILE HOME
ZONE: HC/LI

BLOCK B

N 87°32'00" W 660.00'

N 88°37'30" E 629.25'

BLOCK E

BLOCK G

FALLSCHASE BLVD
50' PUBLIC R/W

PARCEL G
PUBLIC DRAINAGE/
ACCESS/UTILITY R/W
0.21 ACRES

10-1S-31-1401-0000-01
GIBBS CLAUDE M & MARILYN D
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE
ZONE: HC/LI

BLOCK K

BLOCK J

BLOCK F

BLOCK G

S 03°12'26" W 350.00'

S 87°42'59" E 661.86'

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-1S-31-2100-0000-01
CRIMSON 9 MILE LLC
C/O HAO LAND DEVELOPMENT PARTNERS I LLC
191 PEACHTREE ST NE STE 3600 ATLANTA, GA 30303
LOCATION: 3811 W NINE MILE RD 32526
USE: REPAIR SERVICE
ZONE: LDR

VEGETATIVE NATURAL BUFFER

PARCEL F
DRY PUBLIC
STORMWATER POND
1.74 ACRES

VEGETATIVE NATURAL
BUFFER

10-1S-31-1401-0000-00
GIBBS H RAY
4444 YOUPON RD
PENSACOLA, FL 32526
USE: IMPROV. AGRICULTURAL-RESIDENTIAL
ZONE: HC/LI

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

N 87°08'55" W 1498.84'

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

10-1S-31-3000-0000-00
INTERNATIONAL PAPER COMPANY
PO BOX 2118 MEMPHIS, TN 38101
LOCATION: OFF KLONDIKE RD 32526
USE: TIMBER
ZONE: LDR

10-1S-31-4100-0001-00 | 10-1S-31-4100-0010-90 | 10-1S-31-4100-0000-90 | 10-1S-31-4100-0000-80 | 10-1S-31-4100-0000-70 | 10-1S-31-4100-0000-50 | 10-1S-31-4100-0000-40 | 10-1S-31-4100-0000-30 | 10-1S-31-4100-0000-20 | 10-1S-31-4100-0000-10

ZONE: MDR

YOUPON ROAD
(PUBLIC 60' RIGHT-OF-WAY)

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

3 2 10 11

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 0000997

OVERALL SITE LAYOUT

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

LICENSED
JEREMY R. KING
76144
STATE OF
FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C2.0
SHEET 10 OF 60

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P:\2017\2017.103 DAT RICK DAN (174 ACRES) - WOODMERE\DRAWINGS\PHASE 2\C2.0 SITE LAYOUT.DWG

HORIZONTAL SCALE
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-1S-31-XXXX-XXX-XXX
PATHSTONE FL 2017 LLC
29991 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

CONSTRUCT MAIL KIOSK PARKING LOT SEE SHEET C2.5

PARCEL A
AMENITIES/MAIL KIOSK
PRIVATE
1.21 ACRES

CONSTRUCT MEDIAN W/ 2.5' CONCRETE LAYBACK CURB & GUTTER SEE DETAILS

5' UTILITY EASEMENT

PARCEL B
PRIVATE MEDIAN
0.01 ACRES

INSTALL R4-7 SIGN

INSTALL 6' CHAIN LINK FENCE SEE DETAIL

CONSTRUCT STORMWATER POND SEE SHEET C3.0 FOR DETAILS

TOP OF POND

INSTALL 14' DOUBLE SWING GATE SEE DETAILS

CONSTRUCT 12' WIDE GRAVEL ACCESS DRIVE. 6:1 SLOPE MAX. SEE DETAILS

VEGETATIVE NATURAL BUFFER
0.13 ACRES

115+31.82
N:568016.9723
E:1074538.9076

INSTALL 14' DOUBLE SWING GATE SEE DETAILS

PARCEL C
PUBLIC DRY
STORMWATER POND
1.73 ACRES

CONSTRUCT CONCRETE DRIVEWAY APRON SEE DETAILS

CONSTRUCT ASPHALT ROAD W/ 2.5' CONCRETE LAYBACK CURB & GUTTER & 5' CONCRETE SIDEWALK SEE DETAILS

PATHSTONE BLVD
50' PUBLIC R/W

LOT 1 6,890 SF
LOT 2 6,890 SF
LOT 3 6,500 SF
LOT 4 6,500 SF
LOT 5 6,500 SF
LOT 6 6,500 SF
LOT 7 6,500 SF
LOT 8 6,500 SF
LOT 9 6,500 SF
LOT 10 6,500 SF
LOT 11 6,307 SF
LOT 12 6,166 SF
LOT 12 12,154 SF

5' UTILITY EASEMENT

INSTALL R1-1 STOP SIGN ASSEMBLY & STREET SIGN ASSEMBLY SEE DETAILS

CONSTRUCT CR-F CONCRETE SIDEWALK RAMP TYPICAL OF ALL SEE DETAILS

422+32.30
N:567656.4126
E:1075311.5342

126+27.13

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND

LEGEND
- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- BOUNDARY LINE
- EASEMENT LINE
- LOT LINE
- RIGHT-OF-WAY LINE

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SITE LAYOUT & DIMENSION PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
JEREMY R. KING, P.E.
No.76144
7/18/19

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

DRAWING No.
C2.1
SHEET 11 OF 60

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INSTALL 6' CHAIN LINK FENCE
SEE DETAIL

CONSTRUCT STORMWATER POND
SEE SHEET C3.0 FOR DETAILS

TOP OF POND

PARCEL D
PUBLIC DRY
STORMWATER POND
1.31 ACRES

PARCEL D-1
COMMON AREA
PRIVATE
0.38 ACRES

CONSTRUCT 12' WIDE
GRAVEL ACCESS DRIVE. 6:1
SLOPE MAX. SEE DETAILS

INSTALL 14' DOUBLE
SWING GATE
SEE DETAILS

ACOE, NWFWMD & ESCO
JURISDICTIONAL WETLAND
LINE DELINEATED BY
BIOME CONSULTING GROUP
ON 4-2019

VEGETATIVE NATURAL BUFFER
0.11 ACRES

5' UTILITY
EASEMENT

INSTALL R1-1 STOP SIGN
ASSEMBLY & STREET
SIGN ASSEMBLY
SEE DETAILS

CONSTRUCT CR-F
CONCRETE SIDEWALK RAMP
TYPICAL OF ALL
SEE DETAILS

PATHSTONE BLVD
50' PUBLIC R/W

CONSTRUCT ASPHALT ROAD
W/ 2.5' CONCRETE LAYBACK
CURB & GUTTER & 5'
CONCRETE SIDEWALK
SEE DETAILS

CONSTRUCT 12'WIDE GRAVEL
ACCESS DRIVE. 6:1 SLOPE
MAX. SEE DETAILS

CONSTRUCT CONCRETE
DRIVEWAY APRON
SEE DETAILS

FALLSCHASE BLVD
50' PUBLIC R/W

422+32.30
N:567656.4126
E:1075311.5342

126+27.13
422+82.30
N:567654.2637
E:1075361.4921

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

LEGEND
- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- BOUNDARY LINE
- EASEMENT LINE
- LOT LINE
- RIGHT-OF-WAY LINE

PARCEL F
DRY PUBLIC
STORMWATER POND
1.74 ACRES

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

CONSTRUCT GRAVEL
ACCESS DRIVE. 6:1 SLOPE
MAX. SEE DETAILS

APPROVED

P:\2017\2017.103 GAS PARK SMS\1174 ACRES\3- WORKING DRAWINGS\PHASE 2\C2.2 SITE LAYOUT.DWG

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SITE LAYOUT & DIMENSION PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
LICENSE NO. 76144
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C2.2
SHEET 12 OF 60

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LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- BOUNDARY LINE
- EASEMENT LINE
- LOT LINE
- RIGHT-OF-WAY LINE

N
W E
S

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

10-15-31-1401-0000-04
GIBBS RONALD J
9091 KLONDIKE RD
PENSACOLA, FL 32526
LOCATION: 9000 BLK KLONDIKE RD
USE: GRAZING LAND I

CONSTRUCT CR-F CONCRETE SIDEWALK RAMP TYPICAL OF ALL SEE DETAILS

CONSTRUCT ASPHALT ROAD W/ 2.5' CONCRETE LAYBACK CURB & GUTTER & 5' CONCRETE SIDEWALK SEE DETAILS

PARCEL G
PUBLIC DRAINAGE/ ACCESS/UTILITY R/W
0.21 ACRES

PROTECTED HERITAGE TREE DO NOT DISTURB

20' YEAR TIME OF TRAVEL CONTOUR/WELLHEAD PROTECTION ZONE

CONSTRUCT CR-F CONCRETE SIDEWALK RAMP TYPICAL OF ALL SEE DETAILS

INSTALL 6' CHAIN LINK FENCE SEE DETAIL

VEGETATIVE NATURAL BUFFER
0.18 ACRES

CONSTRUCT CONCRETE DRIVEWAY APRON SEE DETAILS

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-15-31-1401-0000-03
GIBBS CLAUDE M
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: MOBILE HOME

10-15-31-1401-0000-01
GIBBS CLAUDE M & MARILYN D
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

CONSTRUCT 16' WIDE 12" THICK #57 LIMESTONE FIRE DEPARTMENT ROAD SEE DETAILS

CONSTRUCT 20' DOUBLE SWING GATE. GATE TO INCLUDE APPROVED CHAIN AND LOCK FOR FIRE DEPARTMENT ACCESS

CONSTRUCT 1-1/2" ASPHALT DRIVEWAY FROM EOP OF KLONDIKE TO RIGHT OF WAY LINE

20' UTILITY EASEMENT

50' PUBLIC EMERGENCY ACCESS EASEMENT

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

LOT 11 6,250 SF
LOT 12 6,250 SF
LOT 13 6,250 SF
LOT 14 5,940 SF
LOT 15 5,319 SF
LOT 12 10,643 SF
LOT 13 6,122 SF
LOT 14 6,122 SF
LOT 15 6,121 SF
LOT 16 6,121 SF
LOT 17 6,120 SF
LOT 18 6,120 SF
LOT 19 11,832 SF

FALLSCHASE BLVD
R43.5' EOP
R25'
A57.00'
A58.00'
A57.00'
R25'
R43.5' EOP

P:\2017\2017.103 SDD WKR DWG (174 ACRES) - WOODLAND\DRAWINGS\PHASE 2\C2.3 SITE LAYOUT.DWG

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SITE LAYOUT & DIMENSION PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
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STATE OF FLORIDA
JEREMY R. KING
LICENSE 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.
C2.3
SHEET 13 OF 60

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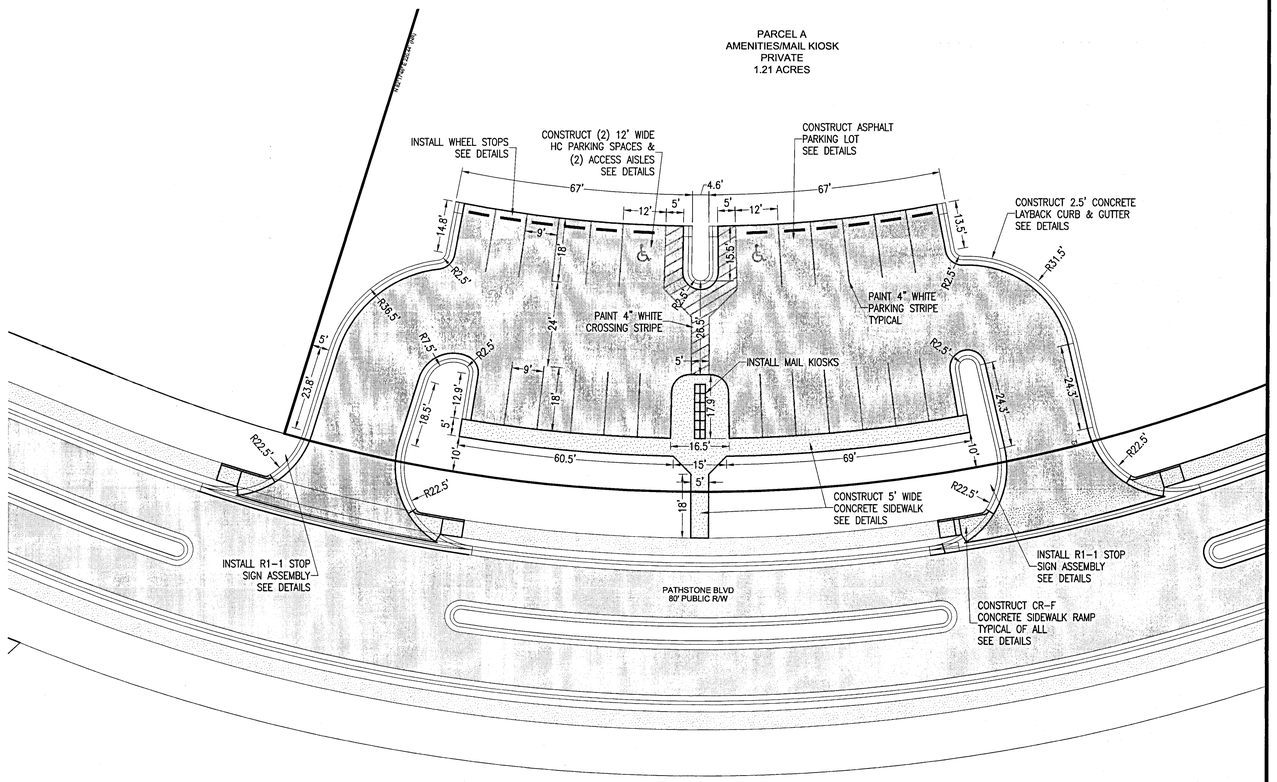
LEGEND

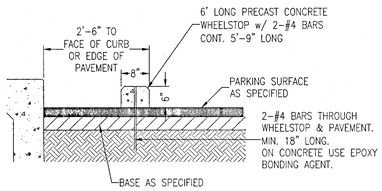
- EXISTING ASPHALT
- EXISTING CONCRETE
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- BOUNDARY LINE
- EASEMENT LINE
- LOT LINE
- RIGHT-OF-WAY LINE

HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")





WHEEL STOP DETAIL

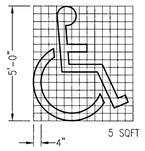
N.T.S.



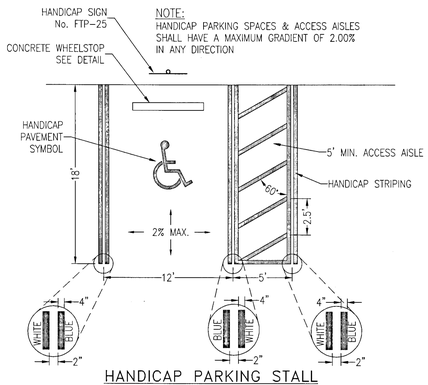
NOTES:

1. TOP PORTION OF FTP 25 SHALL HAVE A REFLECTIVE BLUE BACKGROUND WITH WHITE REFLECTIVE SYMBOL AND BORDER.
2. BOTTOM PORTION SHALL HAVE A REFLECTIVE WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.
3. FTP 25 MAY BE FABRICATED ON ONE PANEL OR TWO.
4. SIGNS ARE TO BE MOUNTED AT STANDARD HEIGHT. (7' FROM PAVEMENT TO BOTTOM OF SIGN).
5. SIGN COLUMN TO BE AS PER F.D.O.T. STANDARD PLAN, INDEX 700-010.

SIGN USED AS PER FLORIDA STATUTES
FTP 25 Per FS 316.1955, FS 316.1956



HANDICAP
PAVEMENT SYMBOL



NOTE:
HANDICAP PARKING SPACES & ACCESS AISLES SHALL HAVE A MAXIMUM GRADIENT OF 2.00% IN ANY DIRECTION

HANDICAP PARKING STALL

HANDICAP PARKING STALL DETAILS

N.T.S.

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SITE LAYOUT &
DIMENSION PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

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

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

DRAWING No.
C2.4
SHEET 14 OF 60

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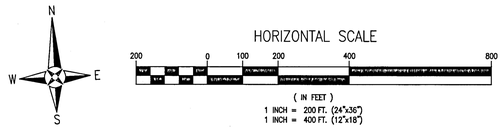

HORIZONTAL SCALE

200 0 100 200 400 800

(IN FEET)
1 INCH = 200 FT. (24"x36")
1 INCH = 400 FT. (12"x18")

ALIGNMENT LINE TABLE		
Line #	Length	Direction
L100	587.29	S 87°32'00" E
L101	185.00	S 2°28'00" W
L102	25.00	S 2°28'00" W
L400	50.00	S 87°32'00" E
L401	257.38	S 87°32'00" E
L402	246.66	N 88°37'30" E
L403	520.34	N 88°37'30" E
L404	429.69	S 34°19'31" E

ALIGNMENT CURVE TABLE					
Curve #	Radius	Length	Chord Direction	Chord	Delta
C100	470.00	194.96	S 60°12'33" E	193.56	23°45'59"
C101	470.00	126.66	S 79°48'46" E	126.28	15°26'27"
C102	125.00	196.35	S 42°32'00" E	176.78	90°00'00"
C400	945.30	63.38	S 89°27'15" E	63.37	3°50'30"
C401	75.00	74.68	S 62°51'00" E	71.63	57°02'59"

NINE MILE ROAD
(STATE ROAD No. 10)
(R/W VARIES) (PS)

ELEVEN MILE CREEK

WETLAND
0.35 AC

113+36.87
N:568113.1326
E:1074370.9256

C100 PCC C101 PT L100 PC

115+31.82
N:568016.9648
E:1074538.9053

C102 PT

126+27.13
422+82.30
N:567654.2637
E:1075361.4921

422+32.30
N:567656.4126
E:1075311.5342

L101 PI L401 PC C400 PT L402 PI L403 PI PC C401 PT

L400 L102

425+39.68
N:567643.1833
E:1075618.6294

L404

RP

439+24.44
N:567232.1447
E:1076783.0169

438+74.44
N:567273.4372
E:1076754.8224

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

KLONDIKE ROAD
(66' RIGHT-OF-WAY) (PS)

YOUPON ROAD
(PUBLIC 60' RIGHT-OF-WAY)

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ROADWAY CENTERLINE
GEOMETRY PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
STATE OF
7-18-19

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

DRAWING No.
C2.5
SHEET 15 OF 60

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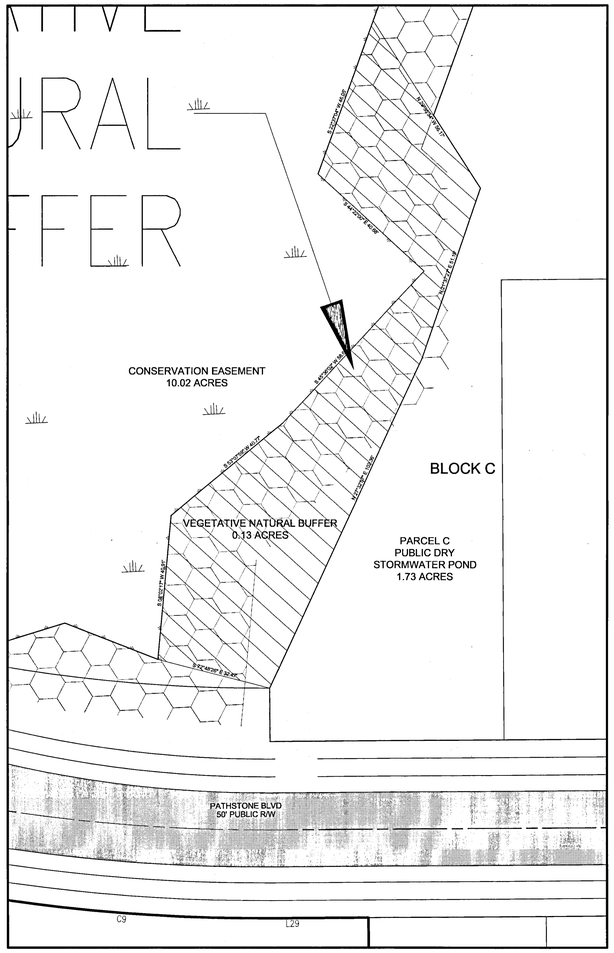
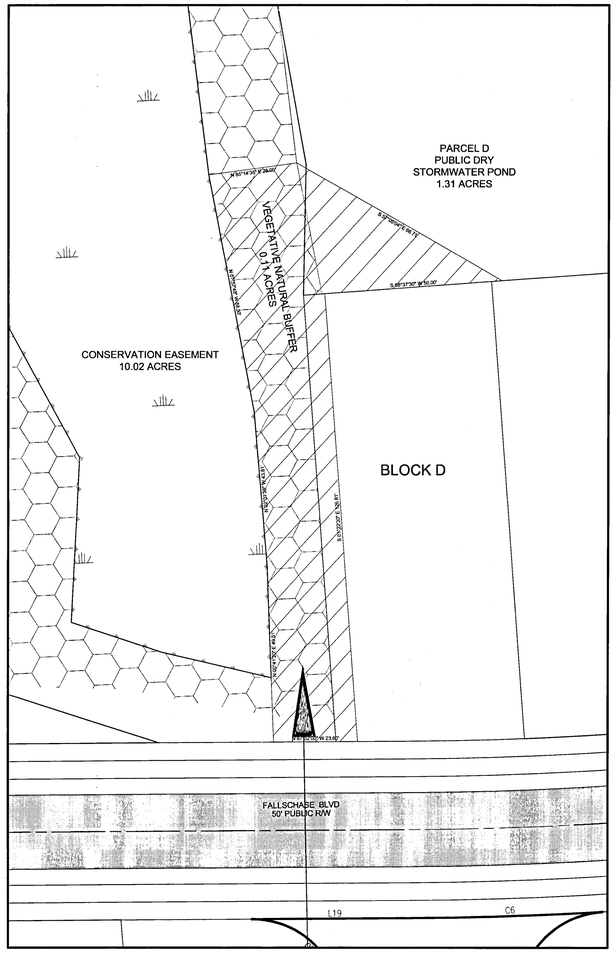
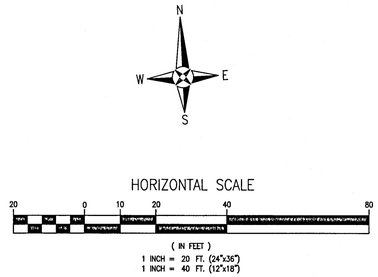
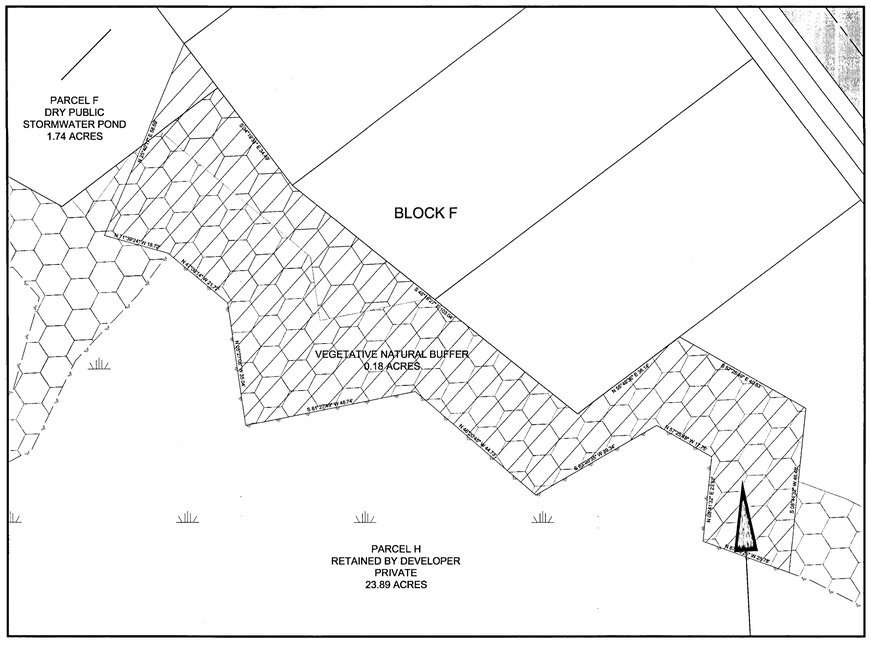
P:\2017\2017.103 DAT RMR GIS\17X 24"REC\--- ROADWAY\DRAWING\2017.103 SITE LAYOUT.DWG









RBA
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EB 00009657

VEGETATIVE NATURAL BUFFERS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C2.6
SHEET 16 OF 60

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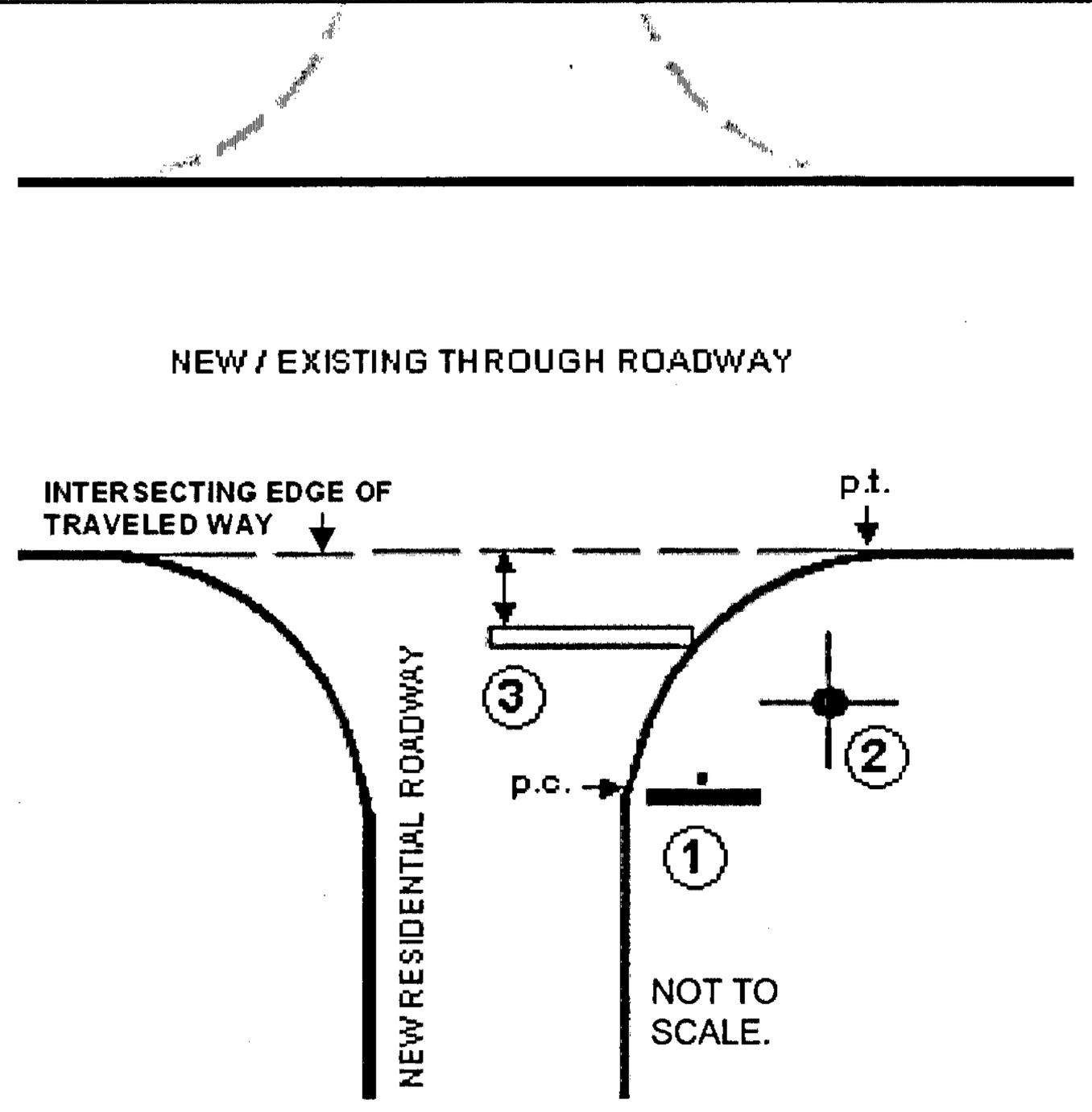
GENERAL NOTES

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.D.O.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.

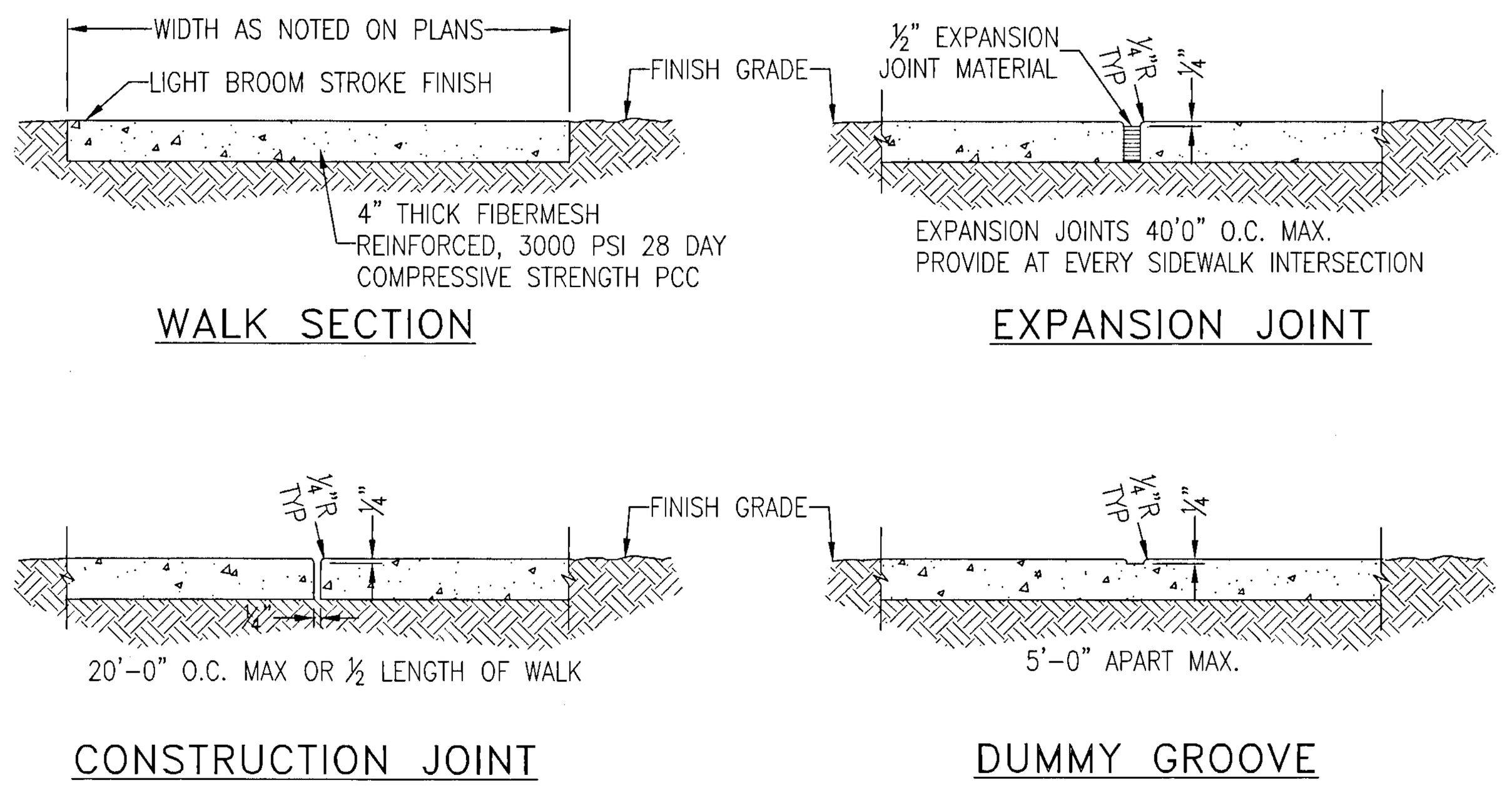
(3) 24"STOP BAR

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.D.O.T.'s *DESIGN STANDARDS INDEX # 546.*

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

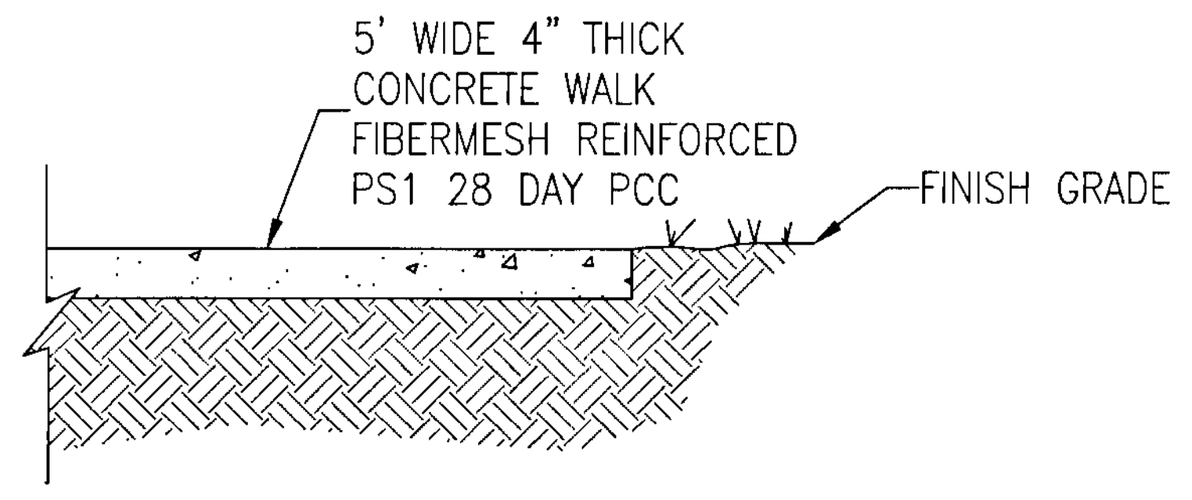
NOTE:
WALK SLOPE VARIES, SEE PLAN



WALK SECTION — EXPANSION JOINT — CONSTRUCTION JOINT — DUMMY GROOVE

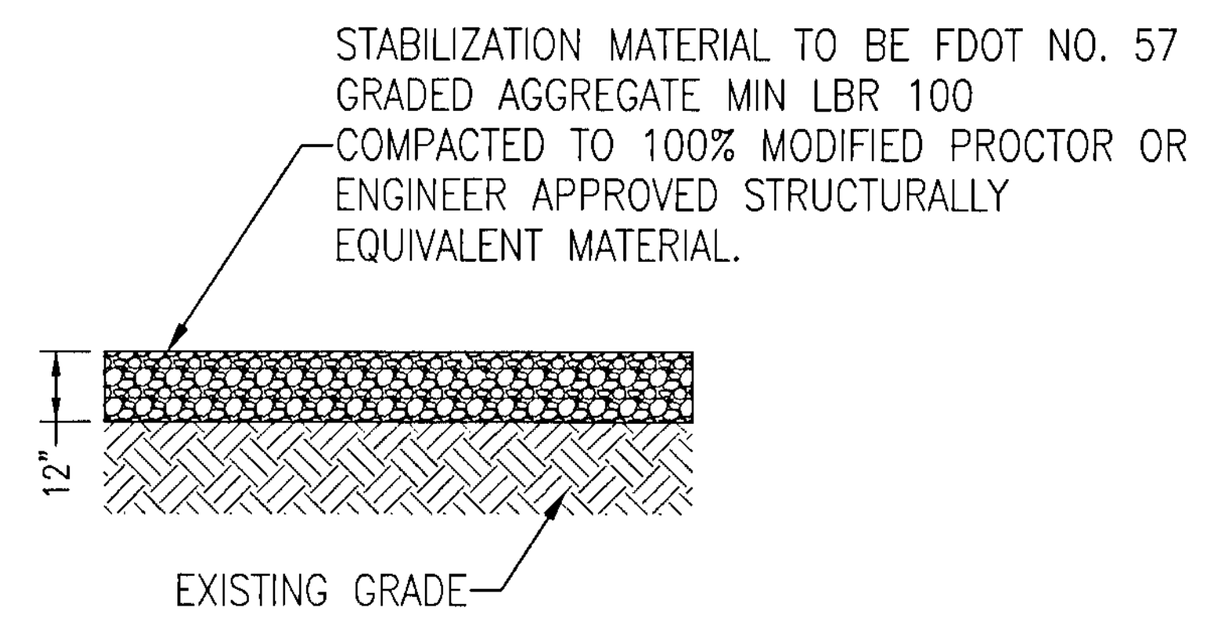
SIDEWALK DETAILS

N.T.S.



SIDEWALK DETAIL

N.T.S.



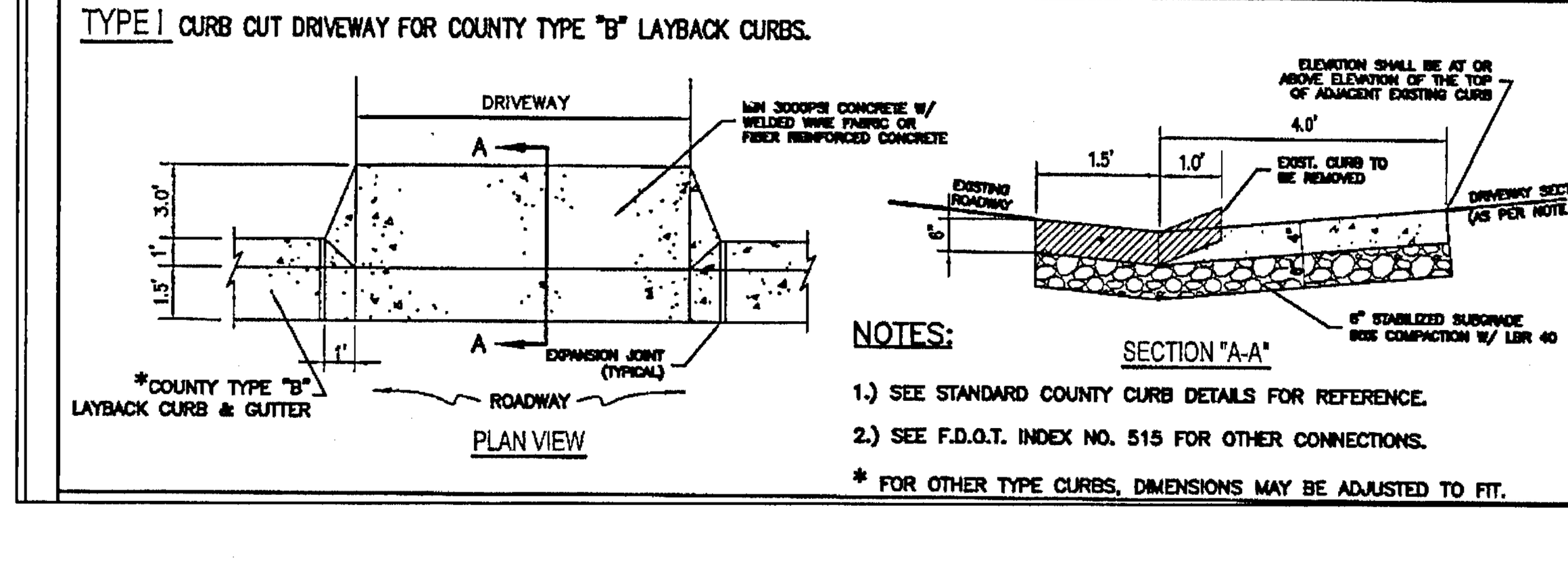
FIRE DEPARTMENT ROAD SECTION

N.T.S.

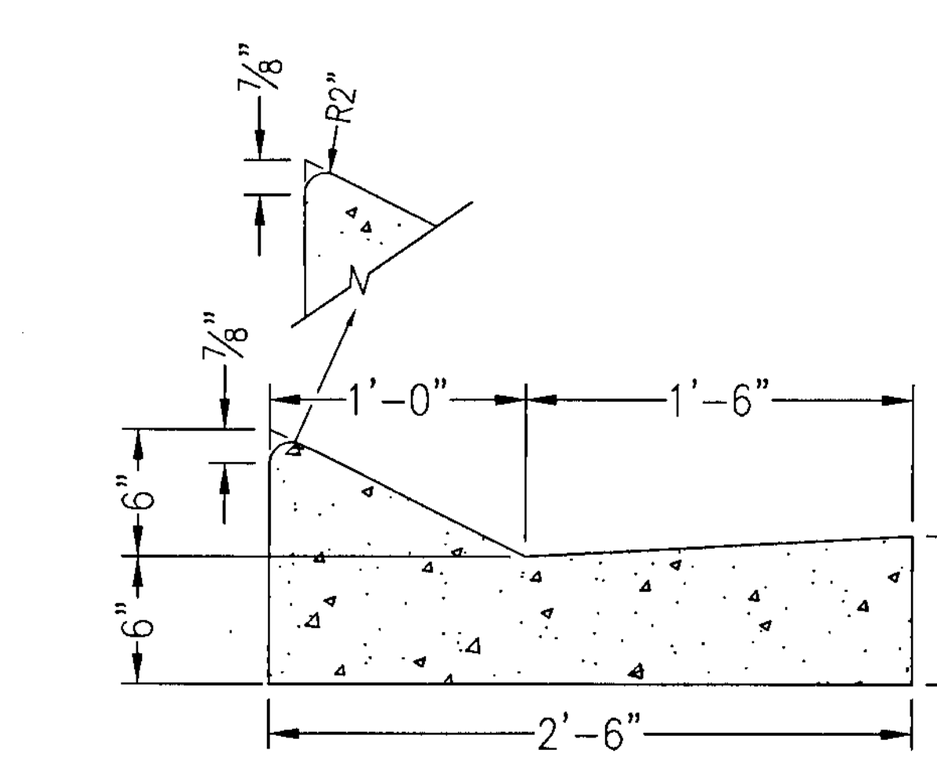
TYPICAL DRIVEWAY CONNECTION STANDARDS
FOR EXISTING ROADWAY CONDITIONS

NOTES:
1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 – ½" 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.

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



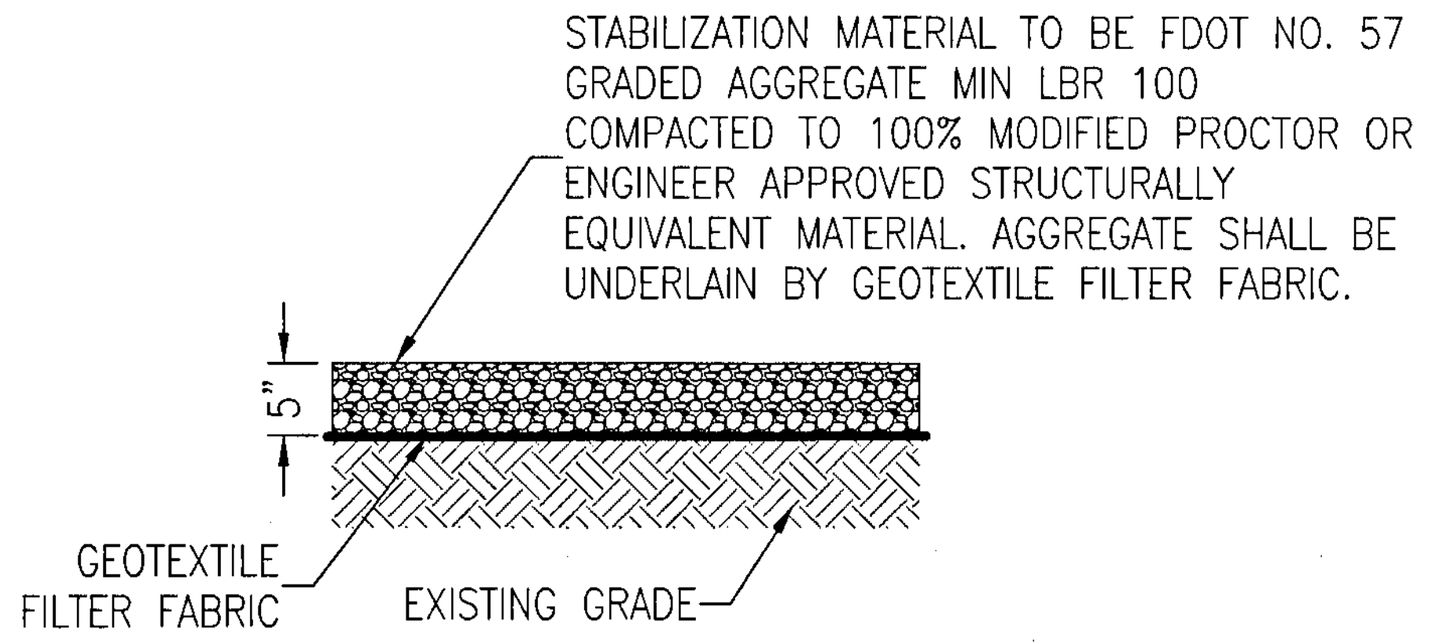
NOTES:
1.) SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
2.) SEE F.D.O.T. INDEX NO. 515 FOR OTHER CONNECTIONS.
* FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT.



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.

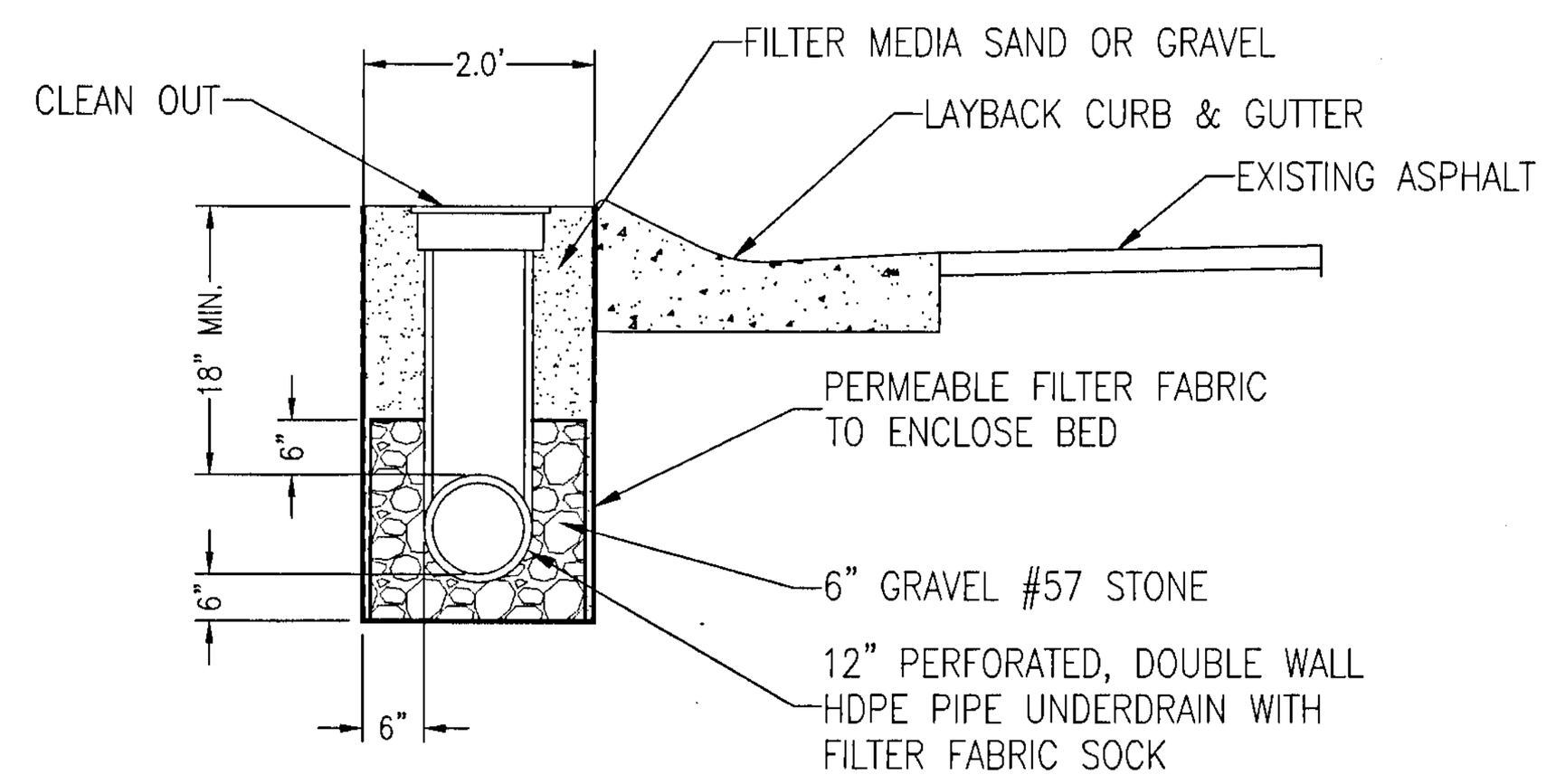
LAYBACK CURB & GUTTER

N.T.S.

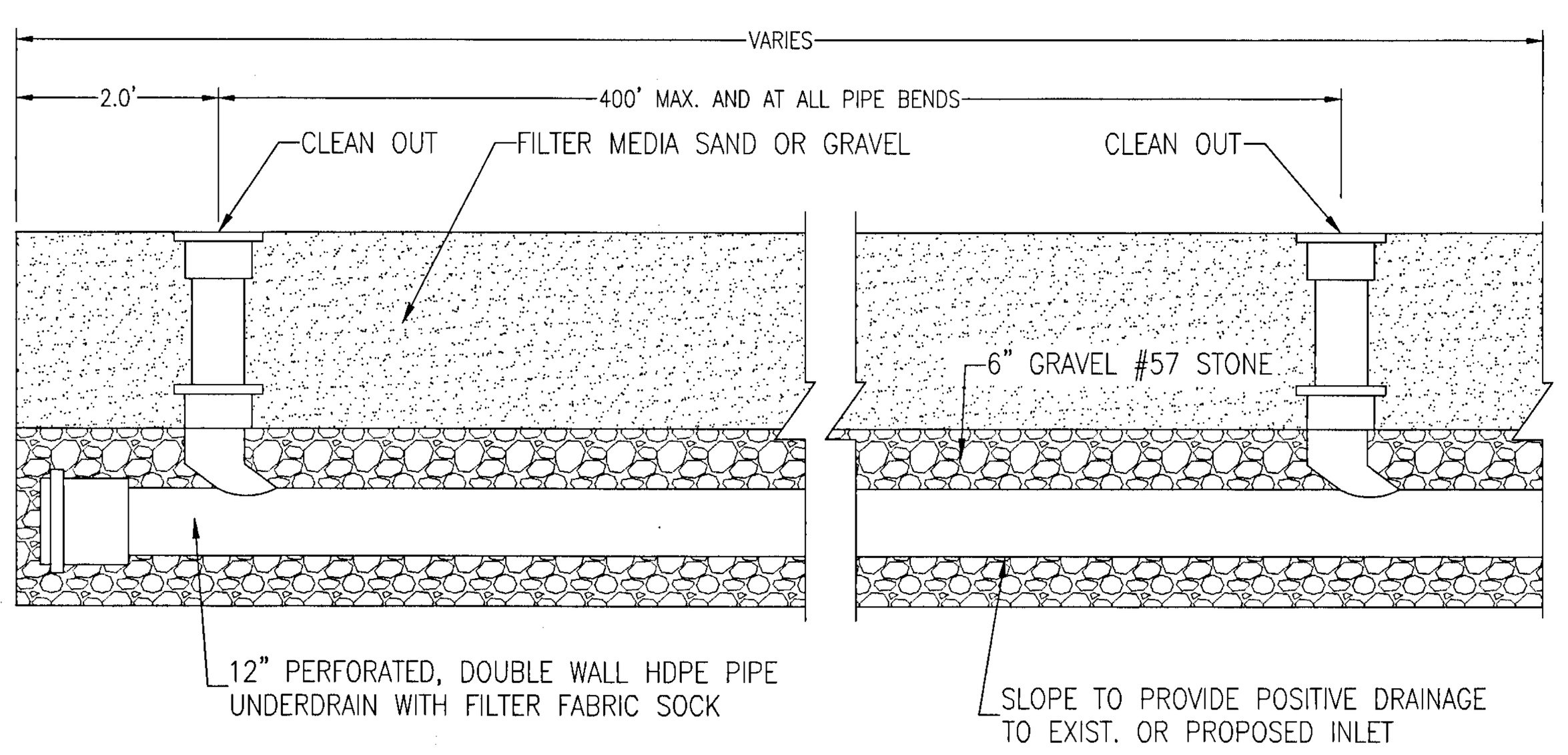


STABILIZED GRAVEL DRIVE SECTION

N.T.S.



SECTION VIEW

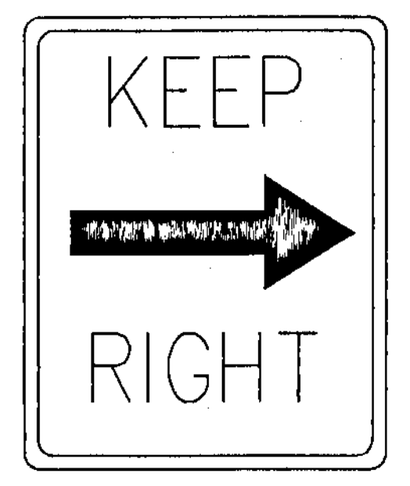


PROFILE VIEW

NOTE:
FILTER MEDIA SHALL MEET THE FOLLOWING CRITERIA GRAIN SIZE: BETWEEN 0.2 AND .55mm UNIFORMITY COEFFICIENT 1.5 AND 4.0 PERMEABILITY RATE BETWEEN 2.36 AND 5 FT./HR.

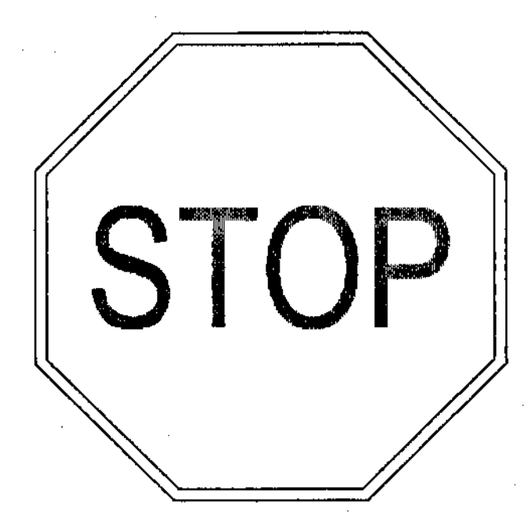
ROADSIDE UNDERDRAIN

NOT TO SCALE



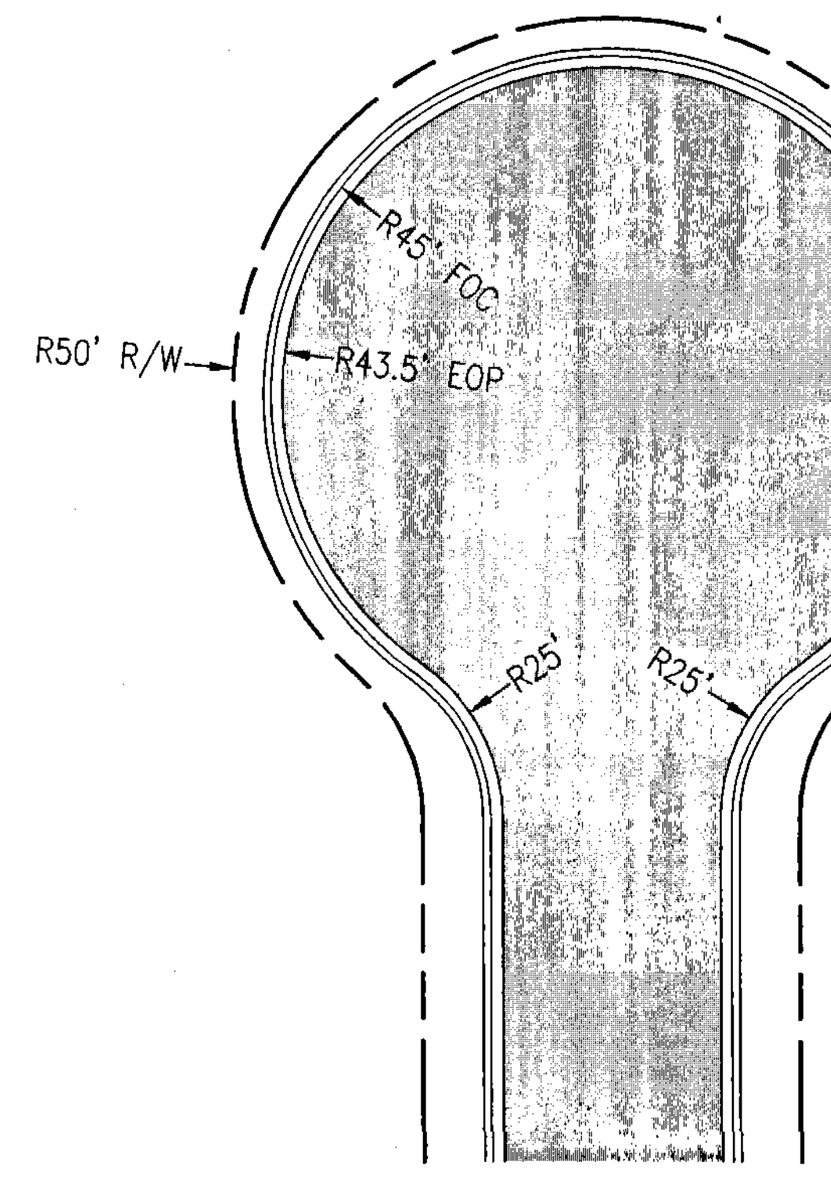
R4-7
KEEP RIGHT SIGN

N.T.S.



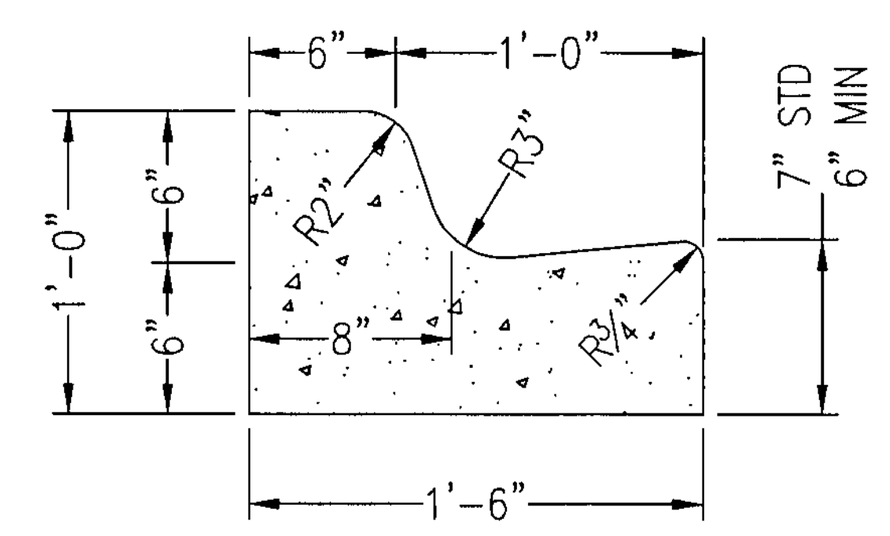
FDOT STANDARD
R1-1
2'-0" x 2'-0"

N.T.S.



TYPICAL ESCAMBIA COUNTY CUL-DE-SAC DETAIL

N.T.S.

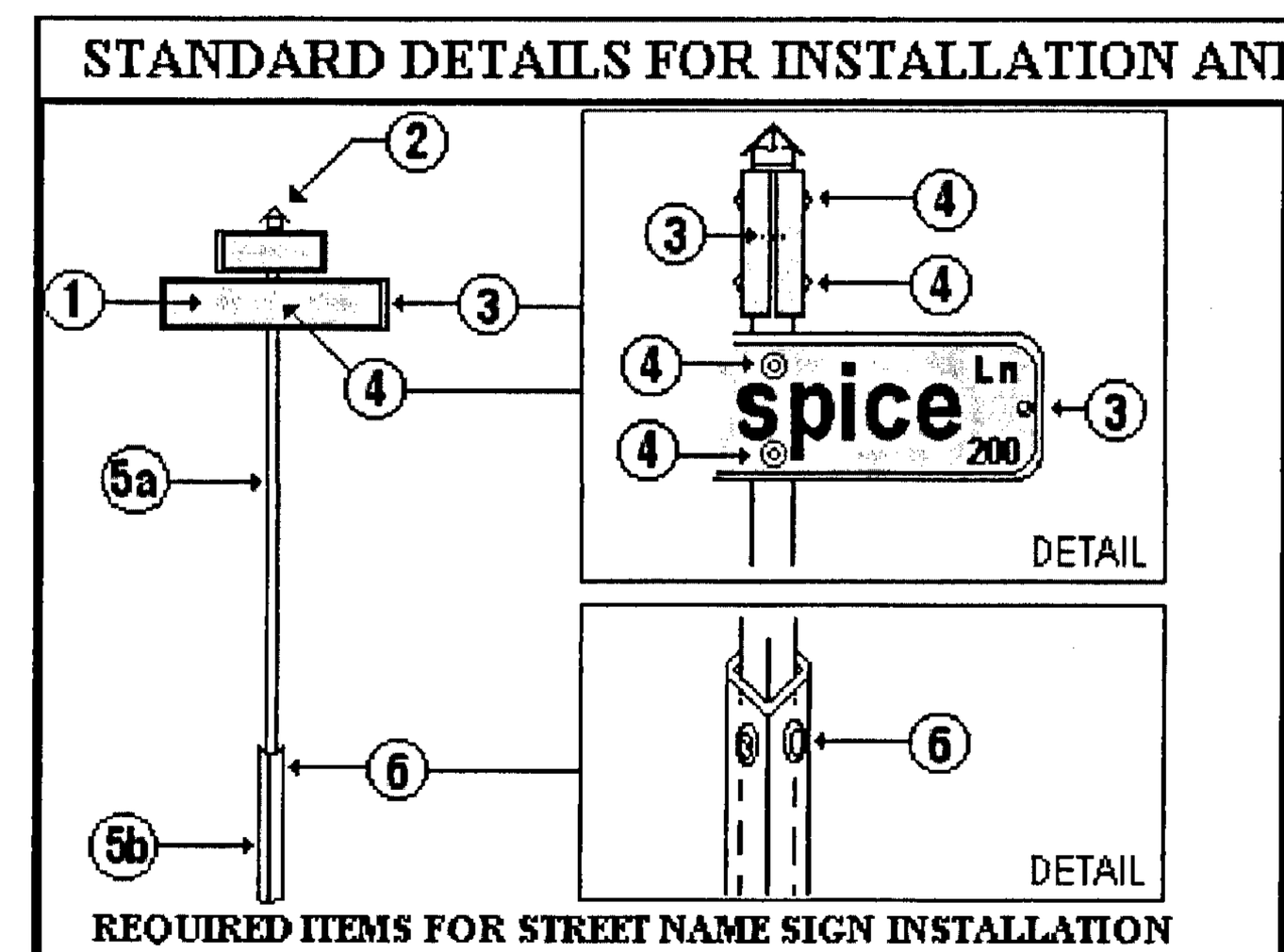


NOTES:
1. WHEN USED ON HIGH SIDE OF ROADWAYS, THE CROSS SLOPE OF THE GUTTER SHALL MATCH THE CROSS SLOPE OF THE ADJACENT PAVEMENT AND THE THICKNESS OF THE LIP SHALL BE 6", UNLESS OTHERWISE SHOWN ON PLANS.
2. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".
3. EXPANSION JOINTS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

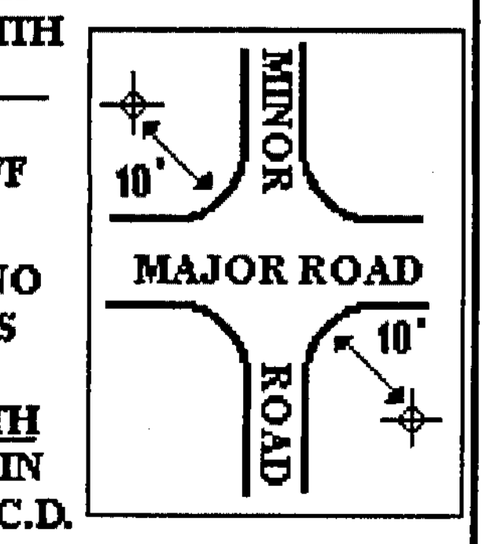
MODIFIED TYPE 'F' CURB & GUTTER

N.T.S.

STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

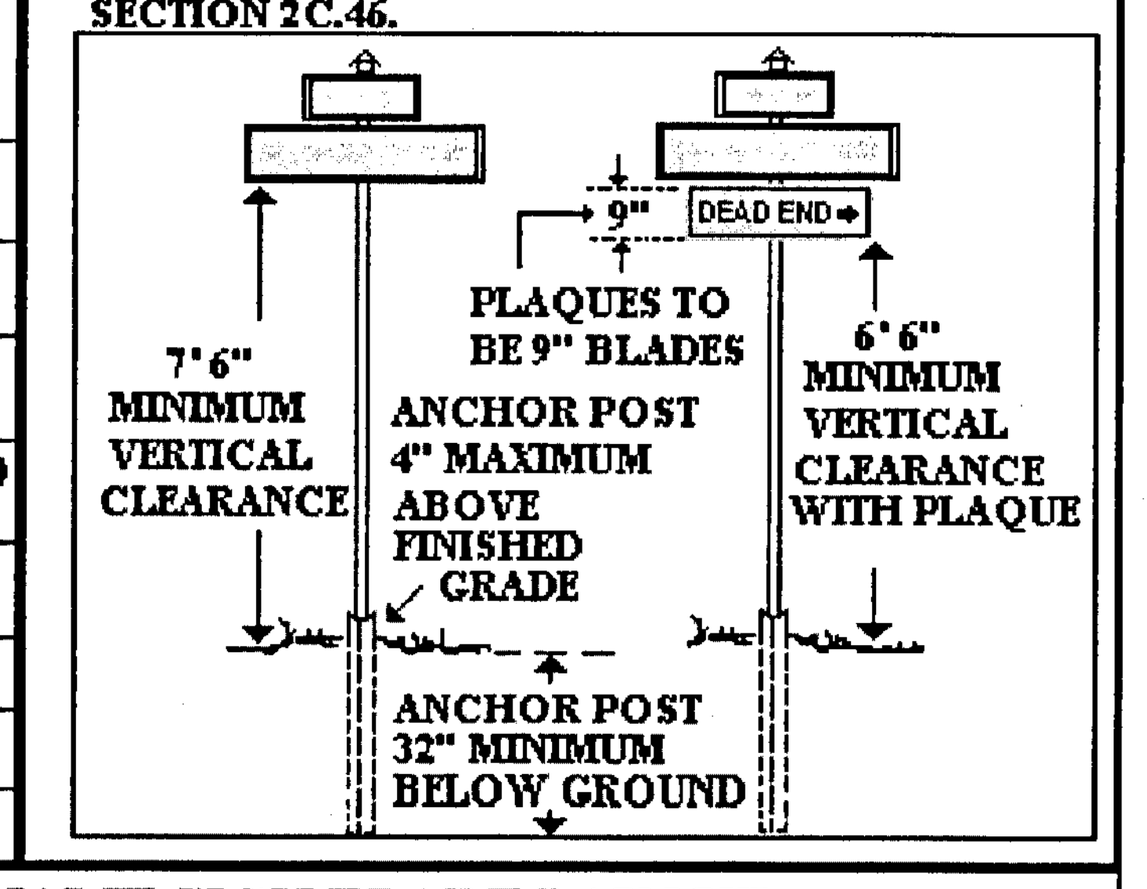


- INSTALL STREET NAME SIGNS ON CORNERS OF INTERSECTION SO THAT THEY WILL BE ON THE FAR RIGHT SIDE OF THE INTERSECTION FOR TRAFFIC ON THE MAJOR STREET IN ACCORDANCE WITH M.U.T.C.D. SECTION 2D.38
- INSTALL STREET NAME SIGN POST AT MID RADIUS, 10' OFF EDGE OF ROAD.
- "DEAD END" (W14-1P) OR "NO OUTLET" (W14-2P) PLAQUES MAY BE CO-MOUNTED TO STREET NAME SIGNS BENEATH STREET NAME SIGN BLADES IN ACCORDANCE WITH M.U.T.C.D. SECTION 2C.46.



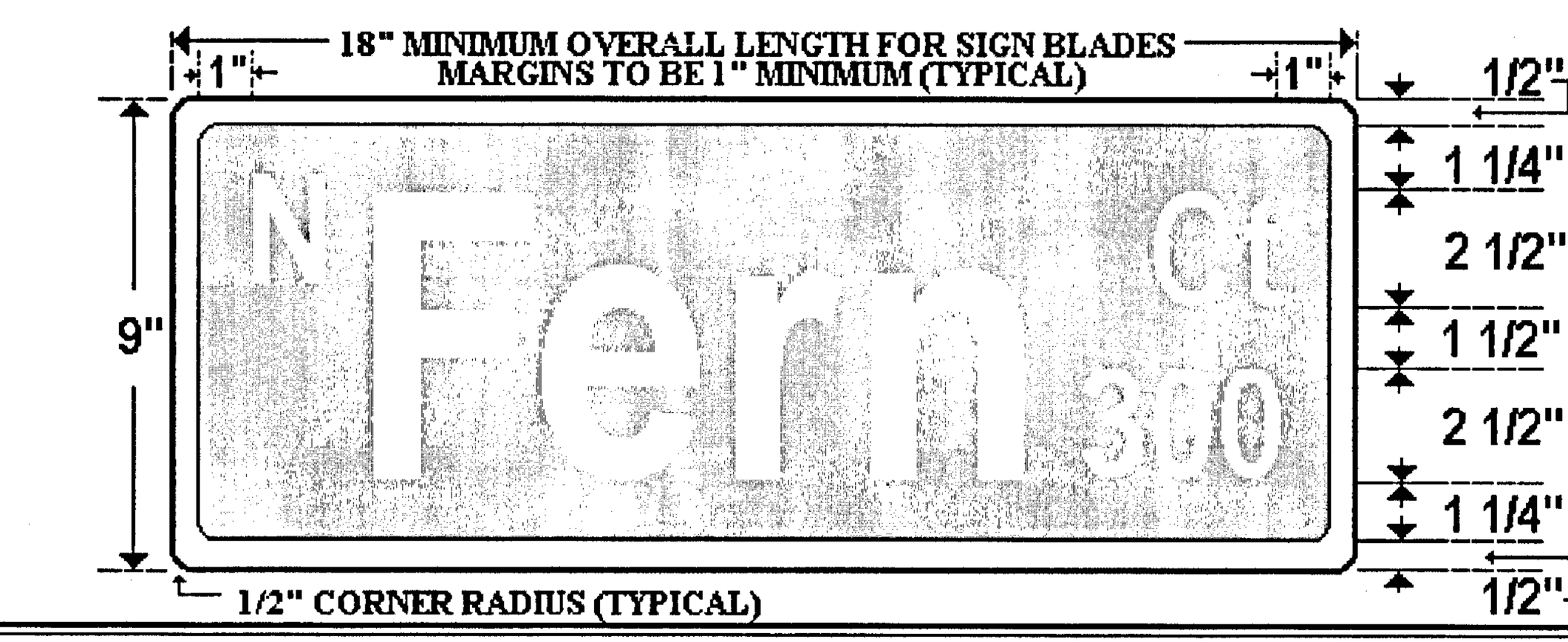
REQUIRED ITEMS FOR STREET NAME SIGN INSTALLATION

(1)	SIGN BLADE - .080" ALODIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES
(2)	ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)
(3)	3/16"X3/8" 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)	TELSPAR SIGN POST SYSTEM (GALVANIZED) OR EQUIVALENT (COMPRISED OF PARTS 5a AND 5b)
(5a)	1 3/4"X 1 3/4"X 10' - 14 GAUGE TELESCOPING TOP POST
(5b)	2"X 2"X 36" - 12 GAUGE SQUARE FIT ANCHOR POST
(6)	5/16"X 2 1/4" CORNER BOLT

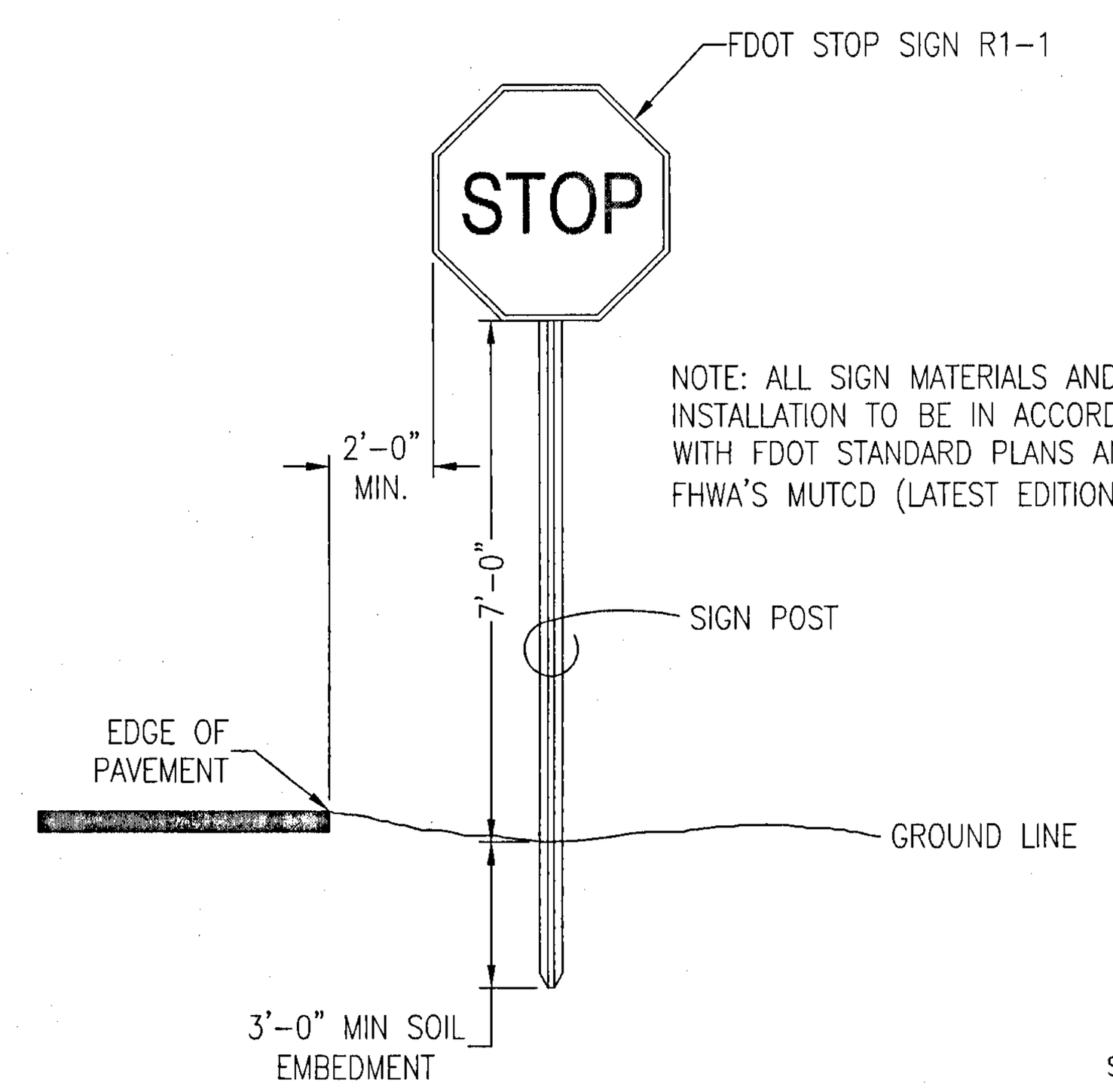


STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

- 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.



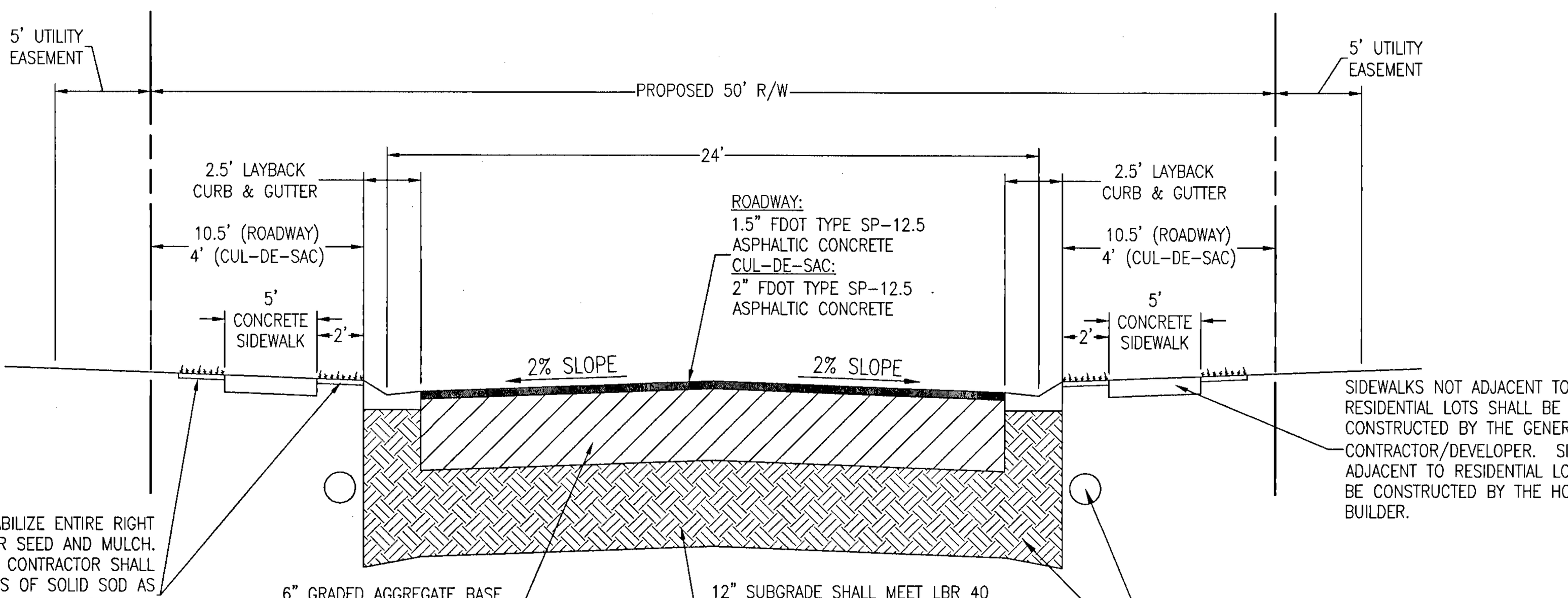
ESCAMBIA COUNTY STANDARD DETAILS FOR STREET NAME SIGNS
DEPARTMENT OF ENGINEERING - TRAFFIC ENGINEERING DIVISION
Suite 1, 1190 West Leonard Street, Pensacola, Florida 32501-1116
BY: Alan Thedford, Engineering Technician III Revised 6-2002 * NOT TO SCALE *



NOTE: ALL SIGN MATERIALS AND INSTALLATION TO BE IN ACCORDANCE WITH FDOT STANDARD PLANS AND FHWA'S MUTCD (LATEST EDITION)

SIGN MOUNTING DETAIL

N.T.S.



CONTRACTOR TO STABILIZE ENTIRE RIGHT OF WAY WITH SOD OR SEED AND MULCH. AT A MINIMUM, CONTRACTOR SHALL INSTALL TWO STRIPS OF SOLID SOD AS SHOWN IN THIS DETAIL. WHERE SIDEWALK IS NOT TO BE INSTALLED AT THIS TIME, SOD SHALL BE PLACED 2 ROWS WIDE IMMEDIATELY BEHIND CURB.

6" GRADED AGGREGATE BASE COMPACTED TO MINIMUM SOIL DENSITY 98% OF THE MODIFIED PROCTOR TEST

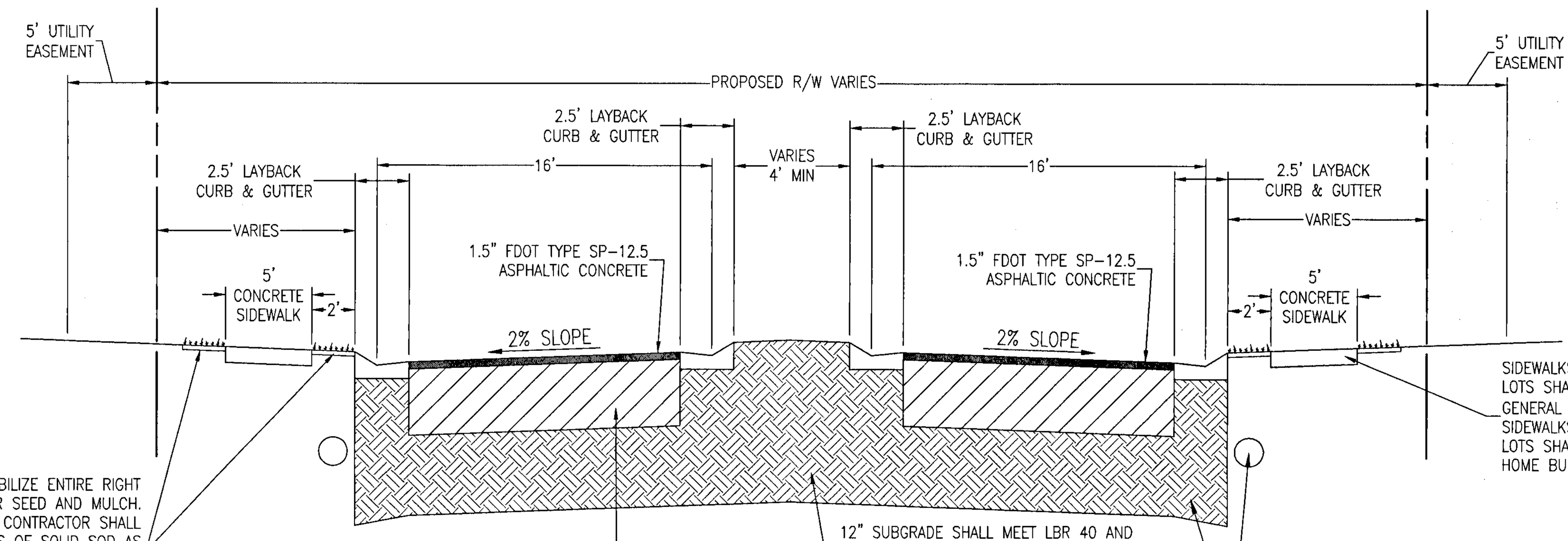
12" SUBGRADE SHALL MEET LBR 40 AND COMPACTED TO 98% OF THE MODIFIED PROCTOR TEST

SIDEWALKS NOT ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY THE GENERAL CONTRACTOR/DEVELOPER. SIDEWALKS ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY THE HOME BUILDER.

NOTE: ACCORDING TO SITE GEOTECHNICAL DATA, PORTIONS OF THE SITE CONTAIN CONFINING LAYERS CREATING THE POTENTIAL FOR PERCHED WATER BENEATH THE ROADWAYS. CONTRACTOR SHALL EXCAVATE THROUGH CONFINING LAYERS IF ENCOUNTERED WITHIN 2' BENEATH BOTTOM OF BASE ELEVATION AND BACKFILL WITH CLEAN SAND. IF GROUNDWATER PRESENCE REMAINS, CONTRACTOR SHALL INSTALL ROADSIDE UNDERDRAIN. SEE DETAIL.

TYPICAL CROWNED ROAD SECTION

N.T.S.



CONTRACTOR TO STABILIZE ENTIRE RIGHT OF WAY WITH SOD OR SEED AND MULCH. AT A MINIMUM, CONTRACTOR SHALL INSTALL TWO STRIPS OF SOLID SOD AS SHOWN IN THIS DETAIL. WHERE SIDEWALK IS NOT TO BE INSTALLED AT THIS TIME, SOD SHALL BE PLACED 2 ROWS WIDE IMMEDIATELY BEHIND CURB.

6" GRADED AGGREGATE BASE COMPACTED TO MINIMUM SOIL DENSITY 98% OF THE MODIFIED PROCTOR TEST

12" SUBGRADE SHALL MEET LBR 40 AND COMPACTED TO 98% OF THE MODIFIED PROCTOR TEST

SIDEWALKS NOT ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY THE GENERAL CONTRACTOR/DEVELOPER. SIDEWALKS ADJACENT TO RESIDENTIAL LOTS SHALL BE CONSTRUCTED BY THE HOME BUILDER.

NOTE: ACCORDING TO SITE GEOTECHNICAL DATA, PORTIONS OF THE SITE CONTAIN CONFINING LAYERS CREATING THE POTENTIAL FOR PERCHED WATER BENEATH THE ROADWAYS. CONTRACTOR SHALL EXCAVATE THROUGH CONFINING LAYERS IF ENCOUNTERED WITHIN 2' BENEATH BOTTOM OF BASE ELEVATION AND BACKFILL WITH CLEAN SAND. IF GROUNDWATER PRESENCE REMAINS, CONTRACTOR SHALL INSTALL ROADSIDE UNDERDRAIN. SEE DETAIL.

TYPICAL BOULEVARD ROAD SECTION

N.T.S.

P:\2017\2017.103 EAST RIVER OAKS (174 ACRES)- WOODLAND\DRAWINGS\PHASE 2\C2.0 SITE LAYOUT.DWG

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
EB 00009657

DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C2.7
SHEET 17 OF 60

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GENERAL NOTES

1. Cross Slopes and Grades:

   A. 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.

   B. Landings must have cross-slopes less than or equal to 0.02 in any direction.

   C. 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.

   D. 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:

   A. Refer to Index 522-001 for concrete thickness and sidewalk details.

   B. 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:

   A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.

   B. Alpha-identifications CR-I and CR-J are intentionally omitted.

5. Detectable Warnings:

   A. Install detectable warnings in accordance with Specification 527.

   B. 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.

   C. 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:

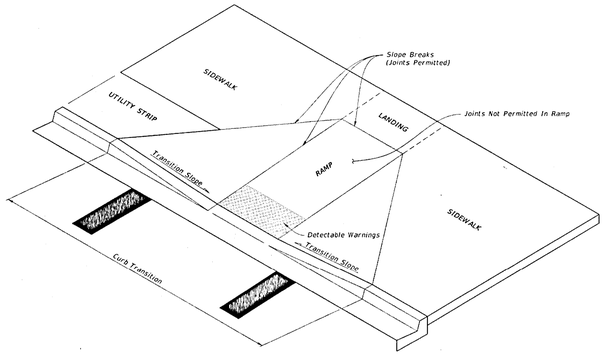
   A. Color and texture shall be complete and uniform.

   B. 90% of individual truncated domes shall be in accordance with the Americans with Disabilities Act Standards for Transportation Facilities, Section 705.

   C. There shall be no more than 4 non-compliant domes in any one square foot.

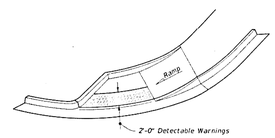
   D. Non-compliant domes shall not be adjacent to other non-compliant domes.

   E. Surfaces shall not deviate more than 0.10" from a true plane.

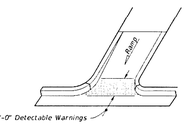


CURB RAMP NOMENCLATURE

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



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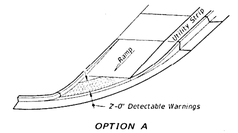
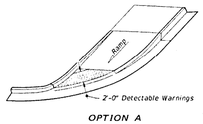
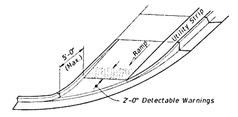


OPTION A

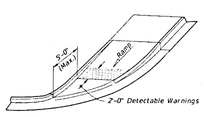


OPTION A



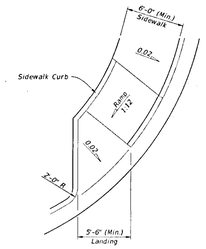
OPTION B

ISOMETRIC VIEW



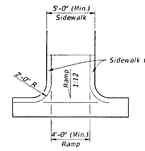
OPTION B

ISOMETRIC VIEW



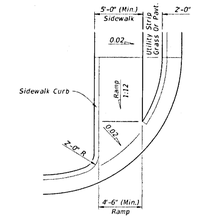
PLAN VIEW

CR-D



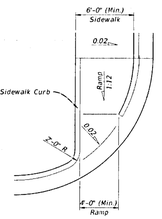
PLAN VIEW

CR-E



PLAN VIEW

CR-F



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

REBOL-BATTLE & ASSOCIATES
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Telephone 850.438.0400 Fax 850.438.0448
EB 0000637

DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
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No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION

JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.
C2.8
SHEET 18 OF 60

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P:\2017\2017.103 DGE INFR DWG (174 ACRES)\--- MISCELLANEOUS\DRAWING\PHASE 2\C2.8 SITE LAYOUT.DWG

GRADING & DRAINAGE NOTES:

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. SEEDED 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 ½" 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/NWFWMD.

8. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT–OF–WAY AREAS IS REQUIRED PRIOR TO COUNTY 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 (595–3434). 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 ACCESS 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 NWFWMD.

23. RETAINING WALLS SHOWN ARE TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT'S PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.

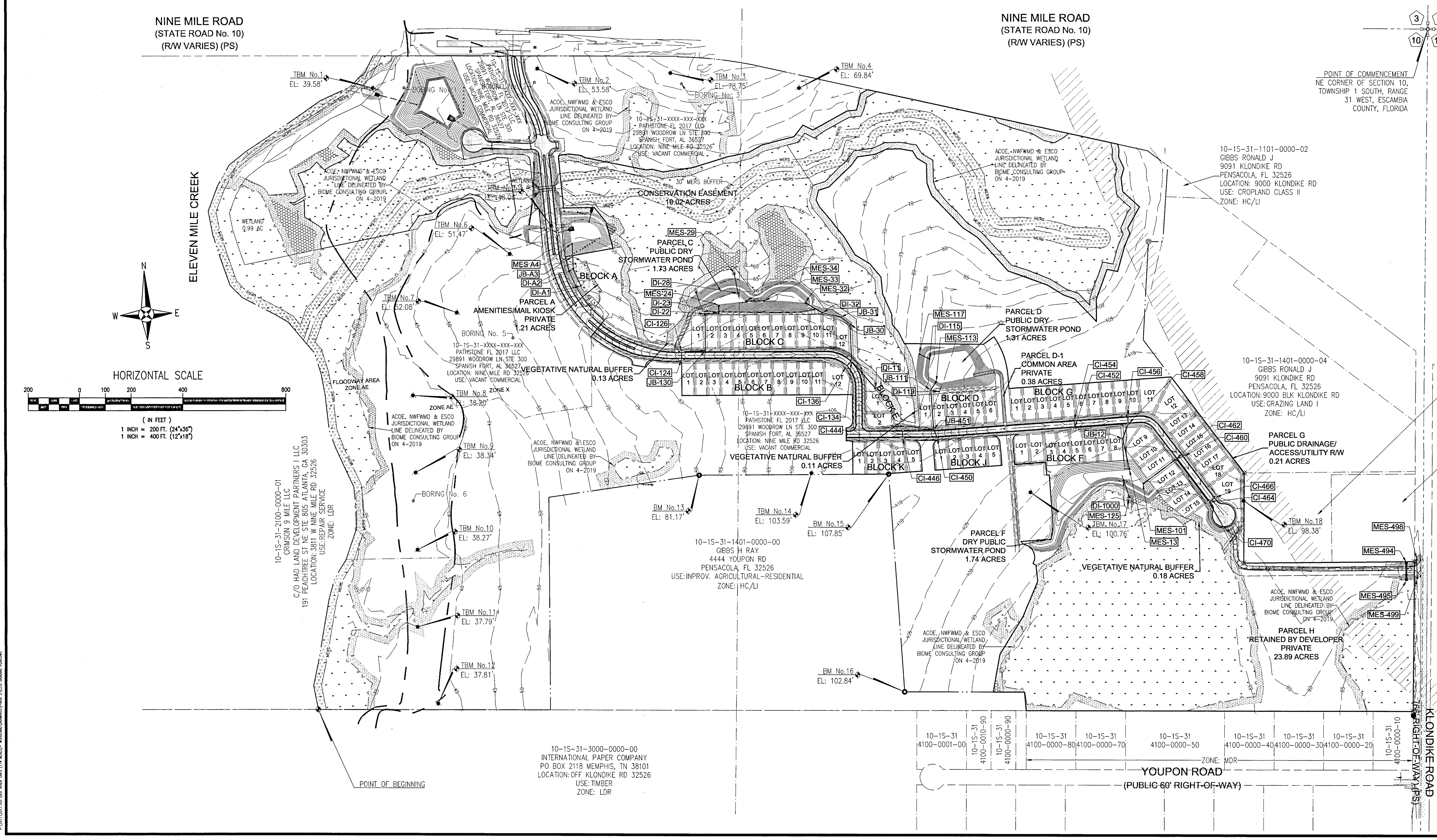
24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST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

POINT CHART

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM NO.13	2" DIA ROUND CONC MONUMENT	567526.3430	1074734.0308	81.17'
BM NO.15	2" DIA ROUND CONC MONUMENT	567494.7602	1075466.8797	107.85'
BM NO.16	2" DIA ROUND CONC MONUMENT	566647.1295	1075487.3576	102.84'
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.4	NAIL AND DISK SET	569007.1169	1075193.4876	69.84'
TBM NO.5	NAIL AND DISK SET	568520.4502	1074210.0787	48.06'
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'
TBM NO.8	NAIL AND DISK SET	567888.8848	1073642.0017	38.20'
TBM NO.9	NAIL AND DISK SET	567588.9969	1073635.9906	38.34'
TBM NO.10	NAIL AND DISK SET	567289.1126	1073628.4113	38.27'
TBM NO.11	NAIL AND DISK SET	566988.8665	1073613.9182	37.79'
TBM NO.12	NAIL AND DISK SET	566688.8390	1073679.3039	37.81'
TBM NO.14	NAIL AND DISK SET	567513.0250	1075167.6580	103.59'
TBM NO.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'
TBM NO.18	NAIL AND DISK SET	567325.0055	1076834.4346	98.38'

LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- ADDITIONAL WETLAND BUFFER
- 30' MERS BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION



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EB 00009657

OVERALL GRADING & DRAINAGE PLAN

Fallschase at Pathstone Phase 2 A 76 Lot Subdivision 9 Mile Road

ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.

C3.0

SHEET 19 OF 60

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HORIZONTAL SCALE

(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-1S-31-XXXX-XXX-XXX
PATHSTONE FL 2017 LLC
29891 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

NOTE: PIPES & STRUCTURES ON AMENITY PARCEL 'A' ARE PRIVATE

PARCEL A
AMENITIES/MAIL KIOSK
PRIVATE
1.21 ACRES

CONSERVATION EASEMENT
10.02 ACRES

PARCEL C
PUBLIC DRY
STORMWATER POND
1.73 ACRES

CONSTRUCT 6' CHAIN LINK FENCE SEE DETAILS

CONSTRUCT SAND FILTER SEE DETAILS

CONSTRUCT STORMWATER POND SEE DETAILS

INSTALL 14' DOUBLE SWING GATE SEE DETAILS

VEGETATIVE NATURAL BUFFER
0.13 ACRES

INSTALL CONCRETE JACKET PER FDOT STANDARD INDEX 430-001

CONSTRUCT TYPE 3 DITCH SEE DETAILS

CONSTRUCT WATER BYPASS SYSTEM SEE DETAILS

CONSTRUCT TYPE 3 DITCH SEE DETAILS

CONTRACTOR TO GRADUALLY INCREASE WIDTH OF DITCH TO 10' AT INLET

PATHSTONE BLVD
80' PUBLIC R/W

15' PUBLIC DRAINAGE/ ACCESS EASEMENT

5' DRAINAGE EASEMENT TYP OF ALL

5' UTILITY EASEMENT

MES A4, PD-A3, JB-A3, PD-A2, DI-A2, PD-A1, DI-A1, MES-7, PD-7, MES-24, PD-23, PD-6, MES-29, PD-28, DI-28, PD-8, CO-8, PD-33, MES-33, MES-34, MES-32, PD-32, DI-32, PD-31, JB-31, PD-30, JB-30, CO-6, DI-22, PD-22, DI-23, CO-5, PD-5, CO-4, PD-3, CO-3, PD-2, CO-2, PD-1, CO-1, PD-133, PD-20, CI-126, JB-130, PD-124, CI-124, PD-134, CI-136

LOT 1 FFE=85.25' (B)
LOT 2 FFE=86.50' (B)
LOT 3 FFE=88.00' (B)
LOT 4 FFE=89.25' (B)
LOT 5 FFE=90.50' (B)
LOT 6 FFE=91.50' (B)
LOT 7 FFE=91.75' (B)
LOT 8 FFE=91.90' (B)
LOT 9 FFE=91.50' (B)
LOT 10 FFE=90.75' (B)
LOT 11 FFE=90.25' (B)
LOT 12 FFE=89.50' (B)

LOT 1 FFE=84.50' (A)
LOT 2 FFE=85.75' (A)
LOT 3 FFE=87.00' (A)
LOT 4 FFE=88.25' (A)
LOT 5 FFE=89.50' (A)
LOT 6 FFE=91.00' (A)
LOT 7 FFE=91.50' (A)
LOT 8 FFE=92.00' (A)
LOT 9 FFE=92.00' (A)
LOT 10 FFE=91.75' (A)
LOT 11 FFE=91.25' (A)
LOT 12 FFE=94.50' (A)

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND

114+00, 115+00, 116+00, 117+00, 118+00, 119+00, 120+00, 121+00, 122+00, 123+00

RBA
REBOL-BATTLE & ASSOCIATES
Civil and Environmental Engineers
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GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.
C3.1
SHEET 20 OF 60

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P:\2017\2017.103 EAST AND WEST\17A WORKS\...\ROSS\GRADING\PHASE 2\C3.0 GRADING PLAN.DWG

CONSTRUCT STORMWATER POND SEE DETAILS

CONSERVATION EASEMENT 10.02 ACRES

PARCEL D-1 COMMON AREA PRIVATE 0.38 ACRES

CONSTRUCT 6' CHAIN LINK FENCE SEE DETAILS

CONSTRUCT 14' DOUBLE SWING GATE SEE DETAILS

PARCEL D PUBLIC DRY STORMWATER POND 1.31 ACRES

PUBLIC DRAINAGE/ACCESS EASEMENT

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

VEGETATIVE NATURAL BUFFER 0.11 ACRES

CONSTRUCT TYPE 4 DITCH SEE DETAILS

50' PUBLIC ACCESS EASEMENT

5' DRAINAGE EASEMENT TYP OF ALL

CONSTRUCT TYPE 7 DITCH SEE DETAILS

10' PRIVATE DRAINAGE EASEMENT

5' UTILITY EASEMENT

PATHSTONE BLVD 60' PUBLIC R/W

FALLSCHASE BLVD 50' PUBLIC R/W

CONSTRUCT TYPE 2 DITCH SEE DETAILS

INSTALL 14' DOUBLE SWING GATE SEE DETAILS

INSTALL RIPRAP

15' PRIVATE DRAINAGE/ ACCESS EASEMENT

CONSTRUCT TYPE 1 DITCH SEE DETAILS

CONSTRUCT TYPE 5 TEMPORARY BYPASS DITCH SEE DETAILS

CONSTRUCT SAND FILTER SEE DETAILS

PARCEL F DRY PUBLIC STORMWATER POND 1.74 ACRES

INSTALL CONCRETE JACKET PER FDOT STANDARD INDEX 430-001

INSTALL 6' CHAIN LINK FENCE SEE DETAIL

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

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GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
No. 76144
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C3.2
SHEET 21 OF 60

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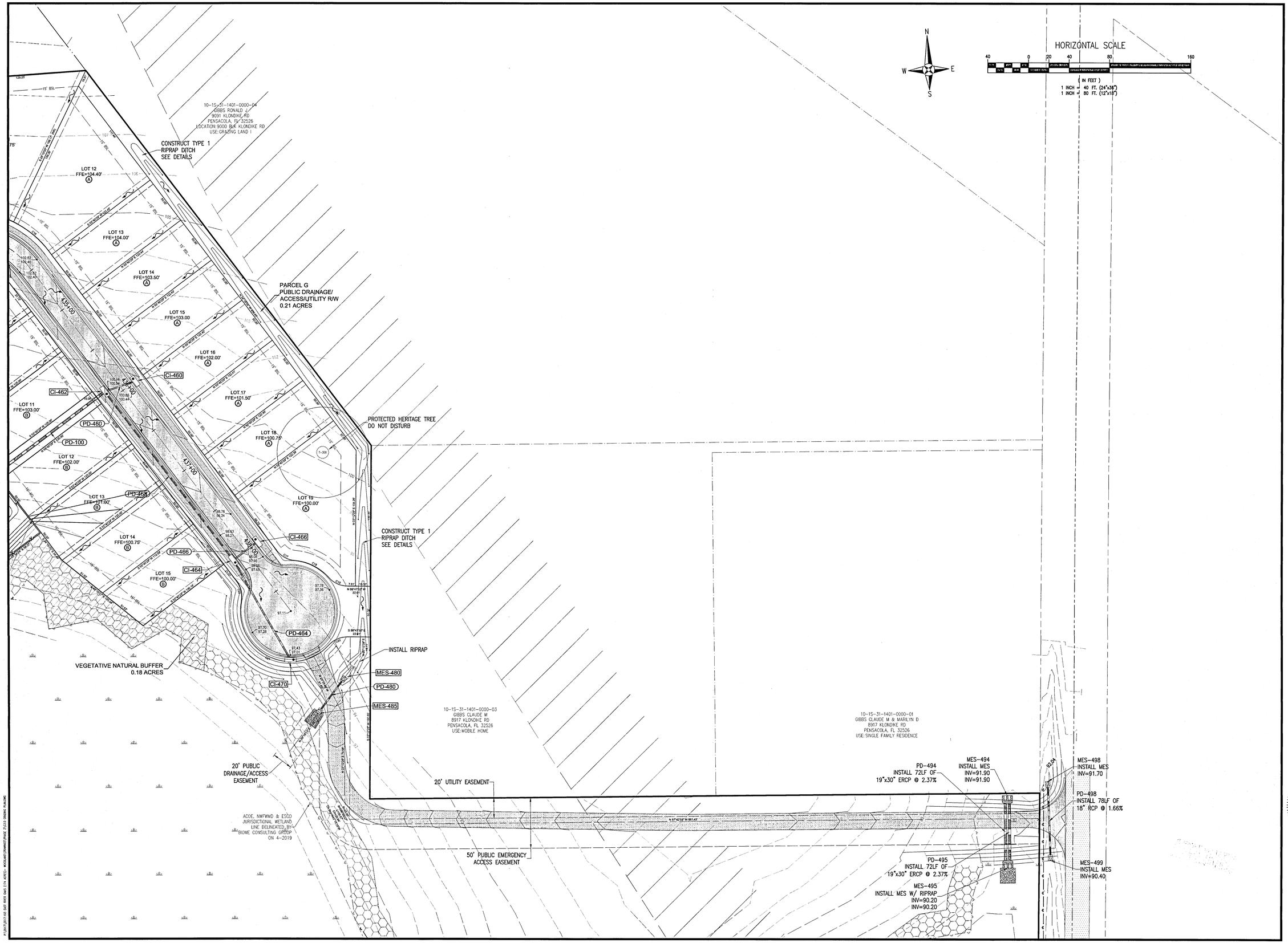
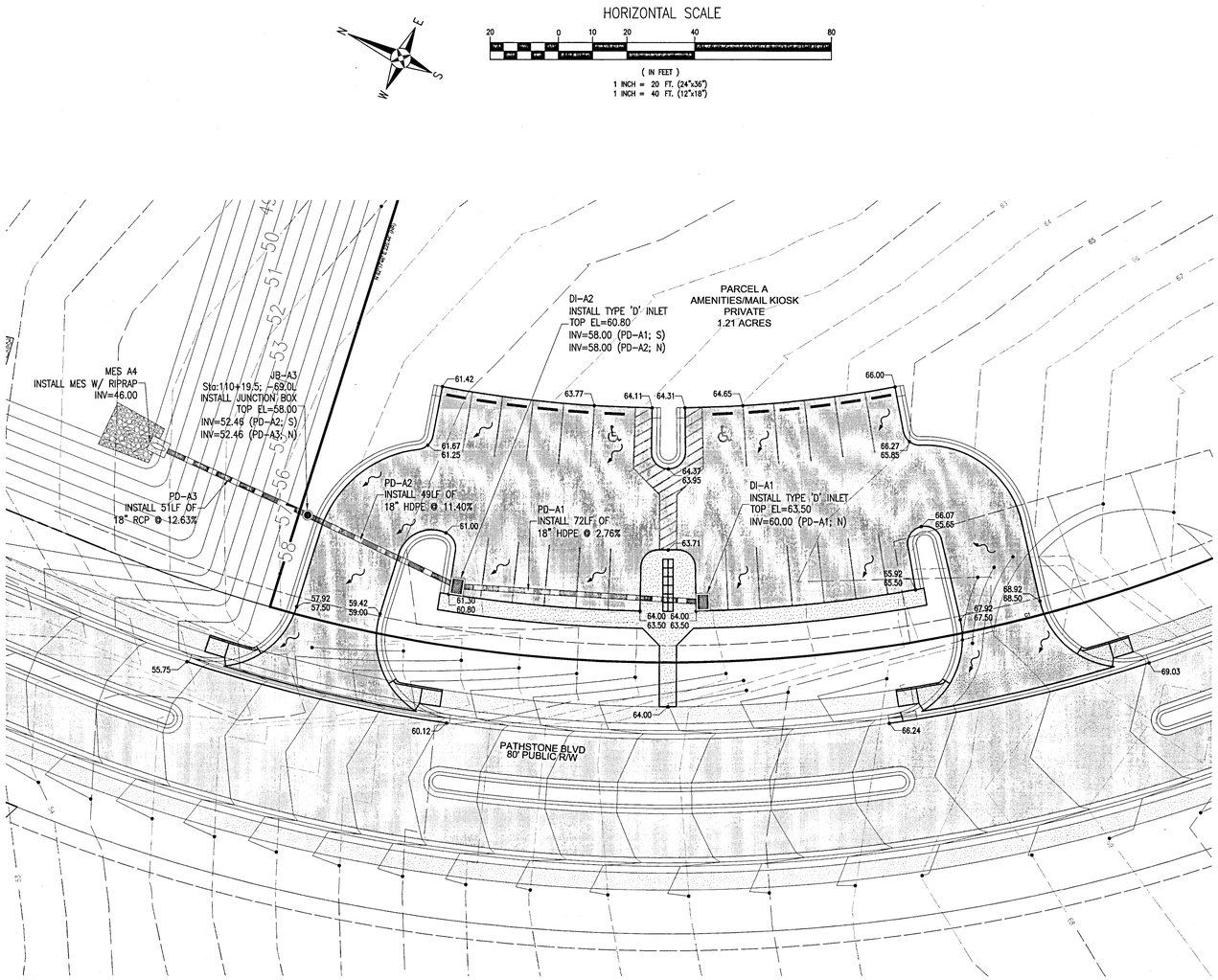
P:\2017\2017.103 EAST RIVER OAKS (174 ACRES)\...\ROADWAY\DRAWINGS\PHASE 2\C3.0 GRADING PLAN.DWG


HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")
N
W
E
S
10-15-31-1401-0000-04
GIBBS RONALD J
9091 KLONDIKE RD
PENSACOLA, FL 32526
LOCATION: 9000 BLK KLONDIKE RD
USE: GRAZING LAND I
CONSTRUCT TYPE 1
RIPRAP DITCH
SEE DETAILS
PARCEL G
PUBLIC DRAINAGE/
ACCESS/UTILITY R/W
0.21 ACRES
PROTECTED HERITAGE TREE
DO NOT DISTURB
CONSTRUCT TYPE 1
RIPRAP DITCH
SEE DETAILS
INSTALL RIPRAP
VEGETATIVE NATURAL BUFFER
0.18 ACRES
20' PUBLIC
DRAINAGE/ACCESS
EASEMENT
ACOE, NWFWMD & ESCO
JURISDICTIONAL WETLAND
LINE DELINEATED BY
BIOME CONSULTING GROUP
ON 4-2019
20' UTILITY EASEMENT
50' PUBLIC EMERGENCY
ACCESS EASEMENT
10-15-31-1401-0000-03
GIBBS CLAUDE M
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: MOBILE HOME
10-15-31-1401-0000-01
GIBBS CLAUDE M & MARILYN D
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE
LOT 11 FFE=103.00' B
LOT 12 FFE=102.00' B
LOT 13 FFE=101.00' B
LOT 14 FFE=100.75' B
LOT 15 FFE=100.00' B
LOT 12 FFE=104.40' A
LOT 13 FFE=104.00' A
LOT 14 FFE=103.50' A
LOT 15 FFE=103.00' A
LOT 16 FFE=102.00' A
LOT.17 FFE=101.50' A
LOT 18 FFE=100.75' A
LOT 19 FFE=100.00' A
CI-460
CI-462
CI-464
CI-466
CI-470
PD-460
PD-462
PD-464
PD-466
PD-480
PD-494
INSTALL 72LF OF
19"x30" ERCP @ 2.37%
PD-495
INSTALL 72LF OF
19"x30" ERCP @ 2.37%
PD-498
INSTALL 78LF OF
18" RCP @ 1.66%
MES-480
MES-485
MES-494
INSTALL MES
INV=91.90
INV=91.90
MES-495
INSTALL MES W/ RIPRAP
INV=90.20
INV=90.20
MES-498
INSTALL MES
INV=91.70
MES-499
INSTALL MES
INV=90.40
N 87°47'18" W 661.42'
S 89°47'18" E 134.28'
N 89°47'18" W 22.61'
S 89°47'18" E 22.61'
457.00'
457.00'
457.00



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GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
STATE OF FLORIDA
7-18-19

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

DRAWING No.
C3.4
SHEET 23 OF 60

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CURB INLET		
NAME & DESCRIPTION	ELEVATIONS	INVERTS
CI-124 TYPE DOUBLE 'A' INLET	TOP=81.95 EOP=81.58 THROAT=81.12	INV=77.50 (PD-124)
CI-126 TYPE DOUBLE 'A' INLET	TOP=81.95 EOP=81.58 THROAT=81.12	INV=76.84 (PD-124) INV=76.84 (PD-133)
CI-134 TYPE 'A' INLET	TOP=87.72 EOP=87.34 THROAT=86.89	INV=81.87 (PD-134) INV=81.87 (PD-130) INV=81.87 (PD-11)
CI-136 TYPE DOUBLE 'A' INLET	TOP=87.72 EOP=87.34 THROAT=86.89	INV=83.51 (PD-134)
CI-444 TYPE 'A' INLET	TOP=97.22 EOP=96.84 THROAT=96.39	INV=92.92 (PD-444) INV=92.92 (PD-450)
CI-446 TYPE 'A' DOUBLE CURB INLET	TOP=97.22 EOP=96.84 THROAT=96.39	INV=93.41 (PD-444)
CI-450 TYPE 'A' INLET	TOP=100.11 EOP=99.74 THROAT=99.28	INV=95.00 (PD-451)
CI-452 TYPE 'A' INLET	TOP=105.69 EOP=105.32 THROAT=104.86	INV=97.45 (PD-454) INV=97.45 (PD-452)
CI-454 TYPE 'A' INLET	TOP=105.69 EOP=105.32 THROAT=104.86	INV=97.60 (PD-452)
CI-456 TYPE 'A' INLET	TOP=103.80 EOP=103.42 THROAT=102.97	INV=98.65 (PD-456)
CI-458 TYPE 'A' INLET	TOP=103.80 EOP=103.42 THROAT=102.97	INV=98.50 (PD-456) INV=96.41 (PD-12) INV=96.41 (PD-454)
CI-460 TYPE 'A' INLET	TOP=100.84 EOP=100.46 THROAT=100.01	INV=96.19 (PD-460)
CI-462 TYPE 'A' INLET	TOP=100.96 EOP=100.58 THROAT=100.13	INV=95.53 (PD-460) INV=92.66 (PD-100) INV=92.66 (PD-463)
CI-464 TYPE 'A' INLET	TOP=98.28 EOP=97.90 THROAT=97.45	INV=93.57 (PD-466) INV=93.57 (PD-463) INV=93.57 (PD-464)
CI-466 TYPE 'A' INLET	TOP=98.28 EOP=97.90 THROAT=97.45	INV=93.91 (PD-466)
CI-470 TYPE 'A' INLET	TOP=97.42 EOP=97.04 THROAT=96.59	INV=94.23 (PD-464)

POND C DATA INFRASTRUCTURE TOTALS	
10" HDPE	14
12" PERFORATED SOCK PIPE	515
24" HDPE	619
24" RCP	116
18" HDPE	92
18" RCP	111
30" RCP	78
TOTAL	1545
INLETS & MANHOLES	11
OUTFALL STRUCTURES	6
POND D DATA INFRASTRUCTURE TOTALS	
24" HDPE	274
24" RCP	75
18" HDPE	33
18" RCP	75
TOTAL	457
INLETS & MANHOLES	6
OUTFALL STRUCTURES	2
POND F DATA INFRASTRUCTURE TOTALS	
24" HDPE	610
18" RCP	306
30" HDPE	162
10" HDPE	18
TOTAL	1096
INLETS & MANHOLES	10
OUTFALL STRUCTURES	3

PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-1	55'	12" PERFORATED SOCK PIPE	1.00%
PD-2	100'	12" PERFORATED SOCK PIPE	1.00%
PD-3	100'	12" PERFORATED SOCK PIPE	1.00%
PD-5	100'	12" PERFORATED SOCK PIPE	1.00%
PD-6	80'	12" PERFORATED SOCK PIPE	1.00%
PD-7	80'	12" PERFORATED SOCK PIPE	1.00%
PD-8	14'	10" HDPE	15.60%
PD-10	18'	10" HDPE	0.50%
PD-11	140'	24" HDPE	0.92%
PD-12	61'	24" HDPE	1.94%
PD-13	123'	24" HDPE	2.63%
PD-20	143'	24" HDPE	5.89%
PD-22	53'	24" RCP	0.47%
PD-23	33'	24" RCP	0.50%
PD-28	81'	18" RCP	1.08%
PD-30	45'	24" HDPE	0.54%

PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-31	74'	24" HDPE	0.47%
PD-32	78'	30" RCP	0.49%
PD-33	74'	24" HDPE DW	0.68%
PD-100	162'	30" HDPE	0.41%
PD-111	153'	24" HDPE	1.43%
PD-113	40'	24" RCP	1.32%
PD-116	45'	18" RCP	2.22%
PD-119	33'	18" HDPE	0.90%
PD-124	30'	18" RCP	2.21%
PD-130	143'	24" HDPE	9.02%
PD-133	92'	18" HDPE	1.09%
PD-134	30'	24" RCP	5.51%
PD-444	30'	18" RCP	1.64%
PD-450	121'	24" HDPE	1.00%
PD-451	35'	24" RCP	3.47%
PD-452	30'	18" RCP	0.50%

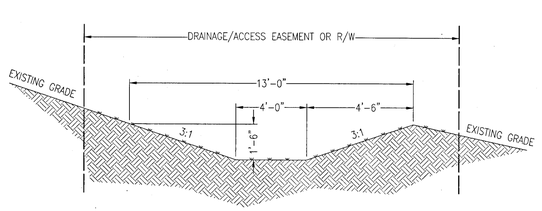
PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-454	207'	24" HDPE	0.50%
PD-456	30'	18" RCP	0.50%
PD-460	31'	18" RCP	2.09%
PD-463	210'	24" HDPE	0.43%
PD-464	113'	18" RCP	0.58%
PD-466	30'	18" RCP	1.14%
PD-494	72'	30" ERCP	2.37%
PD-495	72'	30" ERCP	2.37%
PD-498	78'	18" RCP	1.66%
PD-1000	72'	18" RCP	1.03%
PD-A1	72'	18" HDPE	2.76%
PD-A2	49'	18" HDPE	11.40%
PD-A3	51'	18" RCP	12.63%

DROP INLETS		
NAME	TOP ELEVATION	INVERTS
DI-11 TYPE 'C' INLET W/ SLOT (SE)	87.15	INV=83.15 (PD-11)
DI-22 TYPE 'D' INLET W/ SLOT (E)	72.75	INV=67.42 (PD-20) INV=67.42 (PD-22)
DI-23 TYPE 'D' INLET W/ SLOT (E)	74.98	INV=67.16 (PD-22) INV=67.16 (PD-23)
DI-28 TYPE 'D' OUTFALL STRUCTURE W/ 6"x11" ORIFICE AT EL=69.05	73.60	INV=61.87 (PD-28) INV=61.87 (PD-8)
DI-32 TYPE 'D' INLET W/SLOT (E&W)	74.50	INV=68.38 (PD-31) INV=68.38 (PD-32)
DI-115 TYPE 'D' OUTFALL STRUCTURE W/ 9"x7" ORIFICE AT EL=89.80	92.50	INV=86.00 (PD-116)
DI-119 TYPE 'E' DROP INLET W/ 9" SLOT EL=94.25	95.00	INV=89.83 (PD-119)
DI-1000 TYPE 'E' OUTFALL STRUCTURE W/ 25"Wx25.8"H OUTFALL ORIFICE EL=93.45	95.60	INV=88.74 (PD-1000) INV=88.74 (PD-10)
DI-A1 TYPE 'D' INLET	63.50	INV=60.00 (PD-A1)
DI-A2 TYPE 'D' INLET	60.80	INV=58.00 (PD-A1) INV=58.00 (PD-A2)

STORMWATER JUNCTION BOX		
NAME	TOP ELEVATION	INVERTS
JB-12 JUNCTION BOX	101.60	INV=95.22 (PD-12) INV=95.22 (PD-13)
JB-30 JUNCTION BOX W/ 5'ø BOTTOM	75.00	INV=68.97 (PD-130) INV=68.97 (PD-30)
JB-31 JUNCTION BOX	75.00	INV=68.73 (PD-30) INV=68.73 (PD-31)
JB-111 JUNCTION BOX W/ 5'x5' BOTTOM	92.91	INV=89.53 (PD-111) INV=89.53 (PD-113) INV=89.53 (PD-119)
JB-130 JUNCTION BOX	84.47	INV=75.84 (PD-133) INV=75.84 (PD-20)
JB-451 JUNCTION BOX W/ 5'ø BOTTOM	99.72	INV=91.72 (PD-450) INV=91.72 (PD-111) INV=93.80 (PD-451)
JB-A3 JUNCTION BOX	58.00	INV=52.46 (PD-A2) INV=52.46 (PD-A3)

MITERED END SECTIONS	
NAME	INVERT
MES-7	INV=62.00' (PD-7)
MES-13	INV=92.00' (PD-13)
MES-24	INV=67.00' (PD-23)
MES-29	INV=61.00' (PD-28)
MES-32	INV=68.00' (PD-32)
MES-33	INV=67.50 (PD-33)
MES-34	INV=67.00' (PD-33)
MES-101	INV=92.00' (PD-100)
MES-113	INV=89.00' (PD-113)
MES-117	INV=85.00' (PD-116)
MES-125	INV=88.00' (PD-1000)
MES-494	INV=91.90 (PD-494) INV=91.90 (PD-495)
MES-495	INV=90.20' (PD-494) INV=90.20' (PD-495)
MES-498	INV=91.70 (PD-498)
MES-499	INV=90.40' (PD-498)
MES A4	INV=46.00' (PD-A3)

CLEANOUTS	
NAME	INVERT
CO-1	INV=67.15 (PD-1)
CO-2	INV=66.60 (PD-2) INV=66.60' (PD-1)
CO-3	INV=65.60 (PD-3) INV=65.60' (PD-2)
CO-4	INV=64.60 (PD-5) INV=64.60' (PD-3)
CO-5	INV=63.60 (PD-6) INV=63.60' (PD-5)
CO-6	INV=62.80 (PD-7) INV=62.80' (PD-6)
CO-8	INV=64.00 (PD-8)
CO-10	INV=88.83 (PD-10)



TYPE 1 DITCH DETAIL
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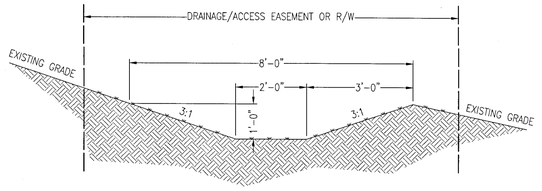

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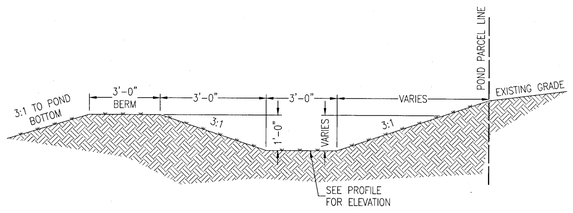

TYPE 3 DITCH DETAIL
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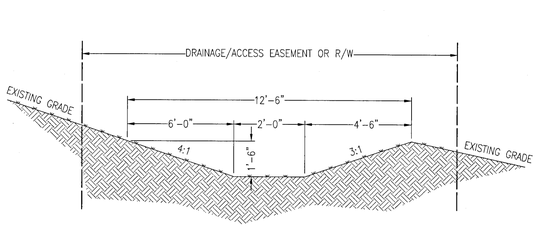

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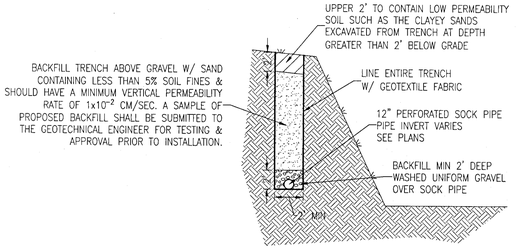
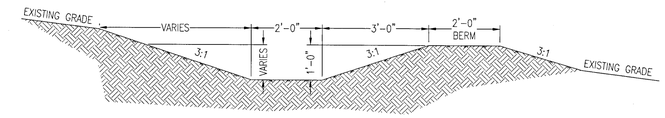
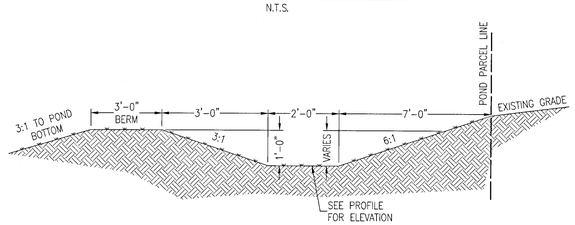


WATER BYPASS DETAIL
N.T.S



TYPE 5 TEMPORARY BYPASS DITCH DETAIL
N.T.S.



TYPE 7 DITCH DETAIL
N.T.S.

NOTE
ENTIRE EASEMENT/RIGHT OF WAY FOR ALL GRASSED DITCHES SHALL BE STABILIZED. SOLID SOD SHALL BE USED FOR SIDE SLOPES AND BOTTOM. SOD SHALL BE PINNED ON SIDE SLOPES STEEPER THAN 3:1. SOD SHALL BE PINNED ALONG THE BOTTOM OF THE DITCH. AT A MINIMUM, ALL SOD NOTED TO BE PINNED SHALL HAVE AT LEAST ONE PIN PER PIECE. IF SOD ROLLS ARE USED, PINNING SHALL BE ADEQUATE TO KEEP ROLLS IN PLACE. THE LEADING EDGE OF THE SOD SHALL BE INSTALLED IN A MANNER TO PREVENT WATER FROM FLOWING BENEATH.

APPROVED

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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 30009857

GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
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
SHEET 24 OF 60

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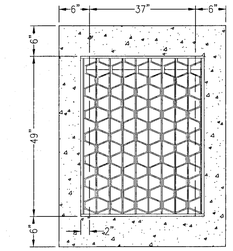
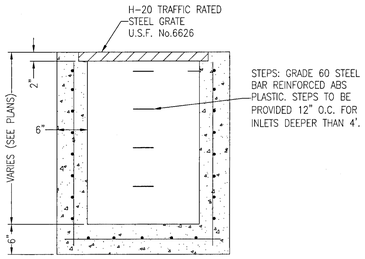
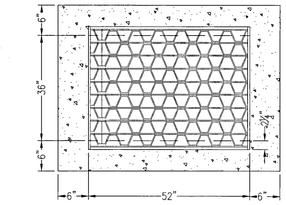
P:\2017\2017.103 DAR RIVER RANCH (174 ACRES) - WOODLAND\DRAWINGS\PHASE 2\C3.5 GRADING PLAN.DWG

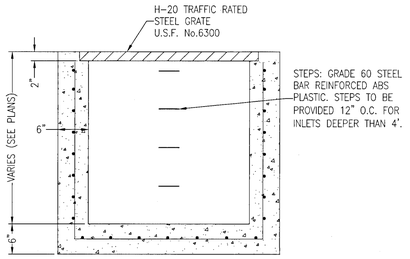




FDOT TYPE 'D' INLET

N.T.S.



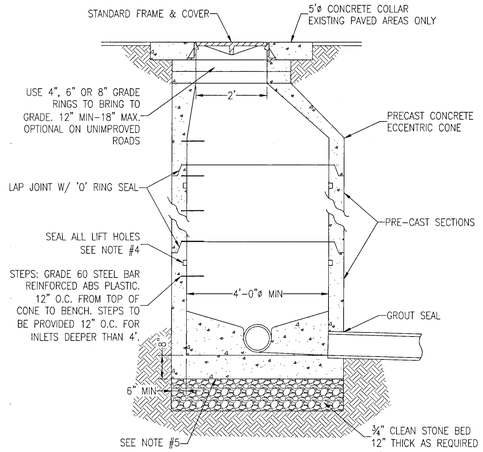


FDOT TYPE 'E' INLET

N.T.S.

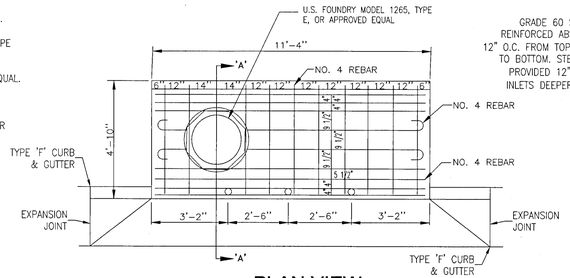
NOTES:

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 ASTMA C-478.
6. CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



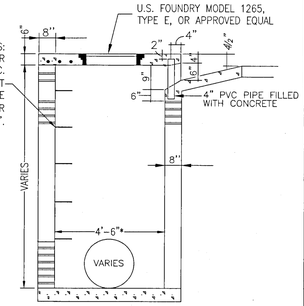
STORMWATER MANHOLE DETAIL

N.T.S.



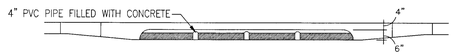
PLAN VIEW
TYPE "A" CURB INLET DETAIL

N.T.S



SECTION A-A
TYPE "A" CURB INLET DETAIL

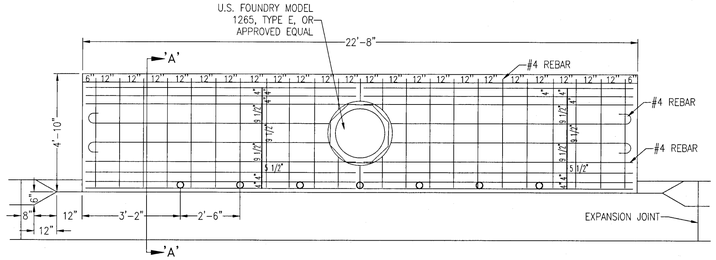
N.T.S



TYPE "A" INLET THROAT ELEVATION

N.T.S

NOTE: WHEN INLETS ARE TO BE CONSTRUCTED ON A CURVE, REFER TO PLANS TO DETERMINE RADIUS & WHERE NECESSARY, MODIFY INLET DETAILS ACCORDINGLY. BEND STEEL WHEN NECESSARY TO MAINTAIN MINIMUM COVER.



TYPE 'A' INLET (DUAL) PLAN VIEW

N.T.S.

TYPE 'A' INLET (DUAL) THROAT ELEVATION

N.T.S.

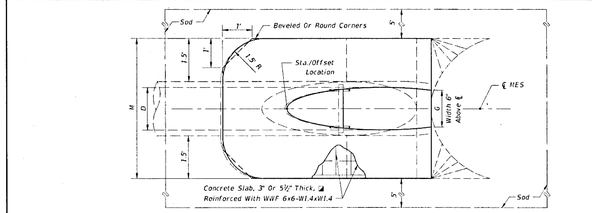
DIMENSIONS AND QUANTITIES																					
									M					5½" CONCRETE SLAB (CY) ◪				SODDING (SY)			
	D	X	A	B	C	E	F	G	H ■	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	N	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe
1:2 Slope	15"	2'-7"	1.92'	2.18	4.10'	2.06'	5	1.22'	2.9'	4.63'	7.21'	9.79'	12.37'	1.19	0.38	0.58	0.77	0.96	21	24	27	30
	18"	2'-10"	1.97'	2.74	4.71'	2.56'	6'	1.41'	3.4'	4.92'	7.75'	10.58'	13.42'	1.21'	0.44	0.65	0.87	1.09	22	25	28	31
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	3.4'	5.50'	8.92'	12.33'	15.75'	1.25'	0.54	0.83	1.12	1.42	24	28	32	35
	30"	4'-3"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	3.4'	6.08'	10.33'	14.58'	18.83'	1.29'	0.66	1.09	1.50	1.91	26	31	35	40
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	3.4'	6.67'	11.75'	16.83'	21.92'	1.33'	0.81	1.38	1.95	2.51	28	34	39	45
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	3.4'	7.23'	13.25'	19.25'	25.25'	1.38'	0.97	1.70	2.45	3.19	30	37	43	50
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	3.4'	7.83'	14.58'	21.33'	28.08'	1.42'	1.13	2.04	2.93	3.84	32	39	47	54
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	3.4'	8.42'	16.08'	23.75'	31.42'	1.46'	1.31	2.44	3.58	4.72	34	42	51	59
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	4.4'	9.00'	17.50'	26.00'	34.50'	1.50'	1.51	2.89	4.28	5.68	36	45	55	64
	66"	9'-2"	2.71'	11.68'	14.39'	10.56'	15'	3.18'	4.4'	9.58'	18.75'	27.92'	37.08'	1.54'	1.68	3.25	4.84	6.43	38	48	58	68
	72"	10'-0"	2.80'	12.80'	15.60'	11.56'	16'	3.35'	4.4'	10.16'	20.16'	30.16'	40.16'	1.58'	1.89	3.74	5.59	7.45	40	51	62	73
1:4 Slope	15"	2'-7"	2.27'	4.09	6.36'	4.03'	8'	1.22'	4.0'	4.63'	7.21'	9.79'	12.37'	1.19	0.57	0.87	1.15	1.44	23	26	29	32
	18"	2'-10"	2.36'	5.12'	7.48'	5.03'	9'	1.41'	4.0'	4.92'	7.75'	10.58'	13.42'	1.21'	0.66	0.99	1.31	1.65	25	28	31	35
	24"	3'-5"	2.53'	7.18'	9.71'	7.03' △	11'	1.73'	4.0'	5.50'	8.92'	12.33'	15.75'	1.25'	0.85	1.30	1.75	2.20	28	32	36	40
	30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	4.0'	6.08'	10.33'	14.58'	18.83'	1.29'	1.10	1.74	2.39	3.05	31	36	41	46
	36"	5'-1"	2.87'	11.31'	14.19'	11.03'	15'	2.24'	4.0'	6.67'	11.75'	16.83'	21.92'	1.33'	1.32	2.21	3.08	3.96	34	40	46	52
	42"	6'-0"	3.05'	13.37'	16.42'	13.03'	17'	2.45'	4.0'	7.25'	13.25'	19.25'	25.25'	1.38'	1.58	2.76	3.91	5.09	38	44	51	58
	48"	6'-9"	3.22'	15.43'	18.65'	15.03'	19'	2.65'	4.0'	7.83'	14.58'	21.33'	28.08'	1.42'	1.85	3.30	4.73	6.17	41	48	56	63
	54"	7'-8"	3.39'	17.53'	20.88'	17.03'	21'	2.83'	4.0'	8.42'	16.08'	23.75'	31.42'	1.46'	2.14	3.95	5.77	7.58	44	52	61	69
	60"	8'-6"	3.56'	19.55'	23.11'	19.03'	23'	3.00'	4.0'	9.00'	17.50'	26.00'	34.50'	1.50'	2.45	4.66	6.87	9.07	47	56	66	75
	66"	9'-2"	3.73'	21.62'	25.35'	21.03'	25'	3.18'	4.0'	9.58'	18.75'	27.92'	37.08'	1.54'	2.88	5.54	8.18	10.84	49	59	69	80
	72"	10'-0"	3.91'	23.68'	27.59'	23.03'	27'	3.30'	4.0'	10.16'	20.16'	30.16'	40.16'	1.58'	3.54	6.61	9.87	13.13	52	63	74	85

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

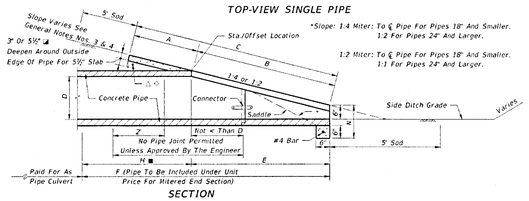
■ Values shown for estimating pipe quantities and are for information only.

B	E	
△ 6.42'	△ 6.25'	Dimensions permitted to allow use of 8' standard pipe lengths.
◇ 10.40'	◇ 10.10'	Dimensions permitted to allow use of 12' standard pipe lengths.

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



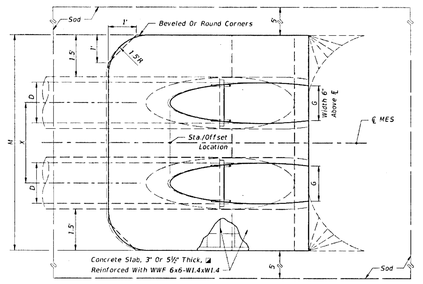
TOP-VIEW SINGLE PIPE



*Slope: 1:4 Miter: To ℄ Pipe For Pipes 18" And Smaller. 1:2 For Pipes 24" And Larger.

1:2 Miter: To ℄ Pipe For Pipes 18" And Smaller. 1:1 For Pipes 24" And Larger.

SECTION



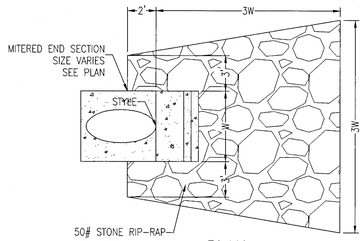
TOP-VIEW MULTIPLE PIPE

NOTE: See sheet 6 for details and notes.

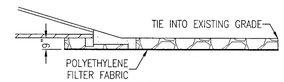
NOTE: MES SHALL NOT BE CONSTRUCTED OF PVC (AKA A2000) OR HDPE (AKA ADS PIPE). USE ONLY CONCRETE PIPE FOR MES.

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

LAST REVISION 11/01/17	REVISION:	DESCRIPTION:	FDOT FY 2018-19 STANDARD PLANS	CROSS DRAIN MITERED END SECTION	INDEX 430-021	SHEET 1 of 6



PLAN



SECTION

RIP-RAP DETAIL

N.T.S.

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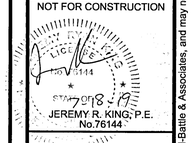
Civil and Environmental Engineers
2351 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0005687

GRADING AND DRAINAGE DETAILS

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION



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

DRAWING No.

C3.6
25 OF 60

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P:\2017\2017.103 FAST BASE Grad. (114 ACRES) - WOODLAND\DRAWINGS\PHASE 2\C3.0 GRADING PLAN.DWG
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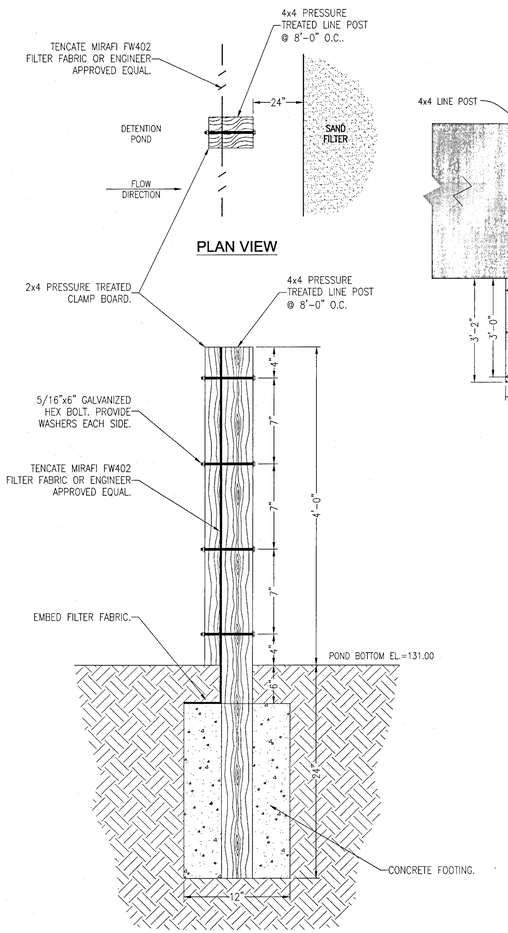
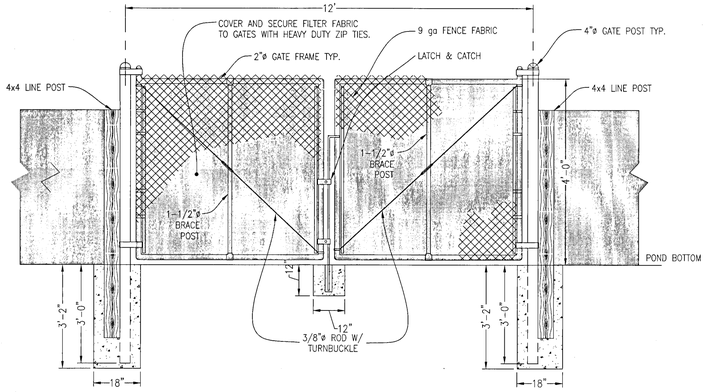


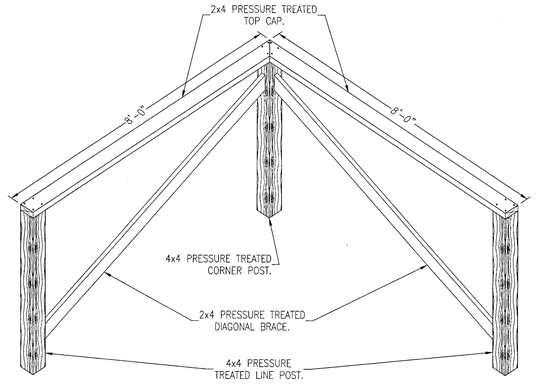
FILTER FABRIC FENCE DETAIL

N.T.S.



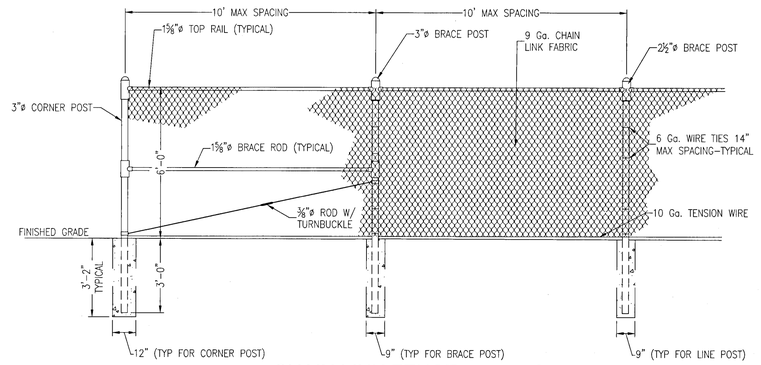
12' SWING GATE DETAIL AT POND SAND FILTER

N.T.S.



FILTER FABRIC FENCE CORNER DETAIL

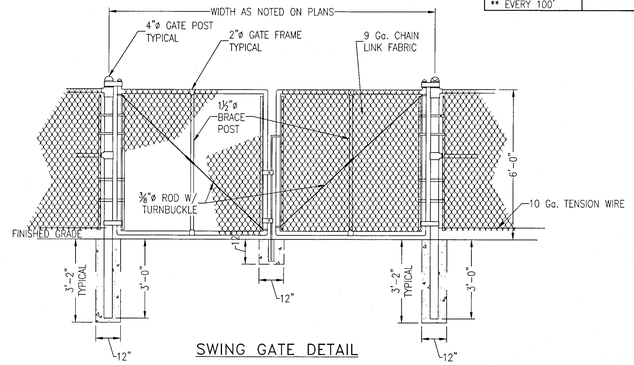
SCALE: NTS



CHAIN LINK FENCE DETAILS

N.T.S.

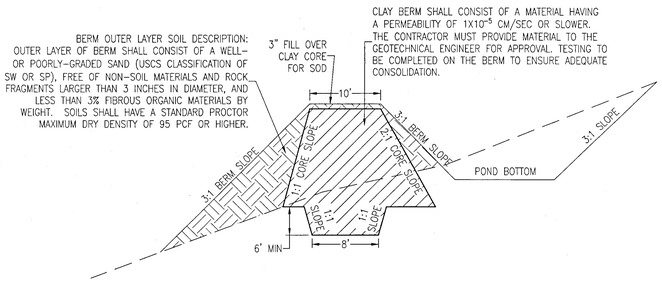
FENCE POST SCHEDULE	
TYPE	SIZE
LINE POST	2½"ø
BRACE POST**	3"ø
CORNER POST	3"ø
GATE POST	4"ø
** EVERY 100'	



SWING GATE DETAIL

CHAIN LINK FENCE DETAILS

N.T.S.



BERM CORE DETAIL

SCALE: NTS

BERM NOTES:

1. CLAY CORE TO BE INSTALLED IN ALL POND BERMS. THE TOP OF THE CORE SHALL EXTEND TO THE TOP ELEVATION INDICATED ON THE SECTIONS.
2. PRIOR TO FILL PLACEMENT AGAINST EXISTING SLOPES, LOOSE SURFICIAL MATERIALS SHOULD BE REMOVED, AND THE SLOPE SHOULD BE BENCHED OR STEPPED TO PROVIDE HORIZONTAL BENCHES FOR COMPACTION, AND TO REDUCE THE POSSIBLE MOVEMENT OF SOIL ALONG THE SLOPE INTERFACE.
3. AFTER COMPLETION OF SUBGRADE PREPARATION AS DESCRIBED IN #2, STRUCTURAL FILL CAN BE PLACED TO BRING THE SITE TO FINAL GRADE. STRUCTURAL FILL SHOULD BE PLACED IN LAYERS NOT EXCEEDING 8 INCHES IN THICKNESS WHEN LOOSE AND SHOULD BE COMPACTED TO A MINIMUM SOIL DENSITY OF AT LEAST 95 PERCENT OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY (ASTM D-698). WHERE PORTABLE HAND EQUIPMENT IS REQUIRED, MAXIMUM LIFT THICKNESS SHOULD BE 4 INCHES LOOSE MEASURE. SOIL MOISTURE CONTENT SHOULD BE MAINTAINED WITHIN -2 TO +3 PERCENT OF THE OPTIMUM MOISTURE CONTENT. SCARIFICATION AND BENCHING OF FILL MATERIALS COULD BE REQUIRED TO ADEQUATELY BOND THE FILL MATERIALS TO THE EXISTING SOILS.
4. PRIOR TO PROCEEDING WITH CONSTRUCTION OPERATIONS, THE ENTIRE DAM FOOTPRINT SHOULD BE STRIPPED OF SURFACE AND NEAR SURFACE DEBRIS. IT IS RECOMMENDED THAT CLEARING AND STRIPPING OPERATIONS EXTEND BEYOND THE DOWNSLOPE TOE OF THE NEW DAM SECTION, IF ADJACENT WETLANDS DO NOT LIMIT CONSTRUCTION. THIS OPERATION SHOULD CONSIST OF COMPLETE REMOVAL AND WASTING OF TREES, TOPSOIL, ROOT SYSTEMS, LOOSE SEDIMENT DEPOSITS, AND OTHER NON-SOIL MATERIALS.
5. COORDINATION OF THE SITE AND SUBGRADE PREPARATION WITH THE GEOTECHNICAL ENGINEER DURING BERM CONSTRUCTION IS REQUIRED. THE GEOTECHNICAL ENGINEER WILL MAKE FIELD DECISIONS SHOULD PROBLEMS ARISE IN SPECIFIC AREAS CONCERNING UNDERCUTTING, GROUNDWATER CONTROL, SUBGRADE STABILIZATION AND OTHER REMEDIAL TECHNIQUES. ALL SUBGRADE AREAS SHOULD BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO FILL PLACEMENT.

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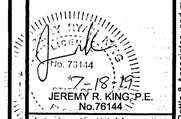
EB 0005857

GRADING AND DRAINAGE DETAILS

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION



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

DRAWING No.

C3.7
26 OF 60

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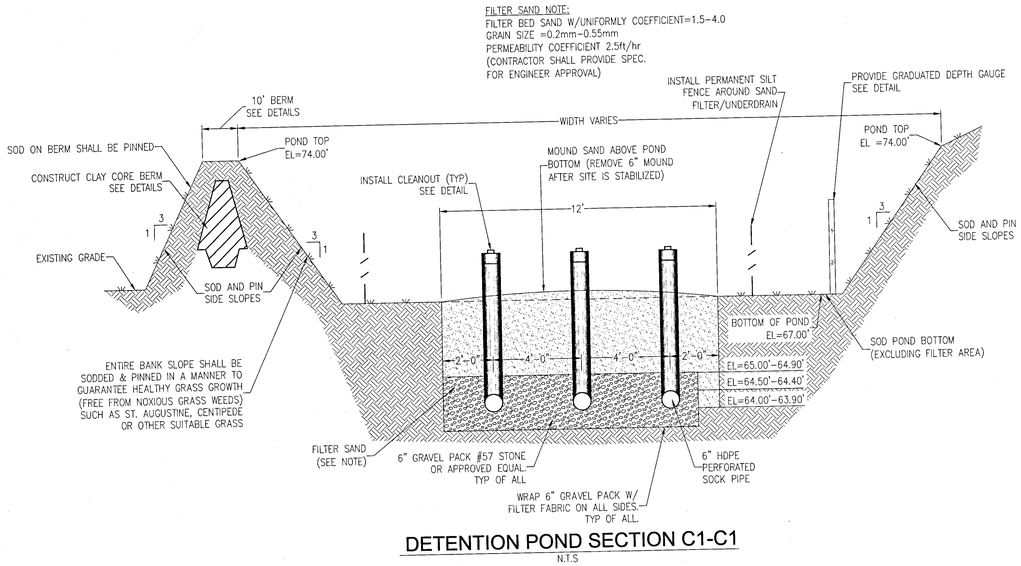
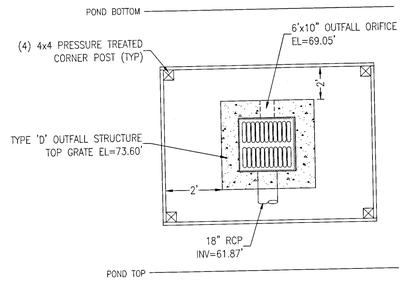
APPROVED

P:\2017\2017.103 EAST RIVER (MS 1174 ADR3)\- WORKING\DRAWINGS\PAGE 2\C3.0 GRADING PLAN.DWG

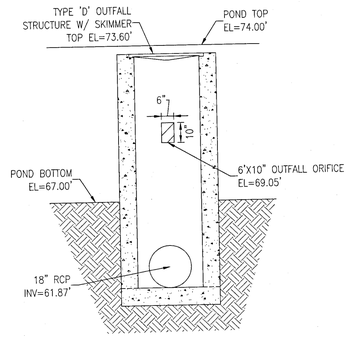


DETENTION POND SECTION C1-C1

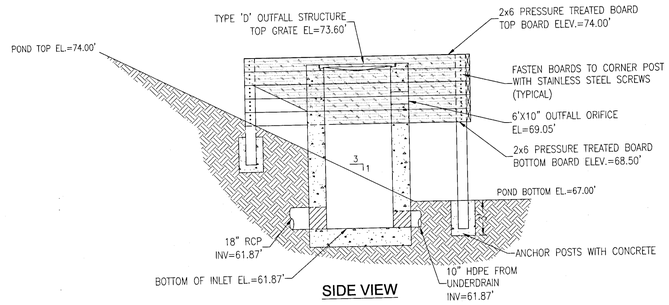
N.T.S



PLAN VIEW



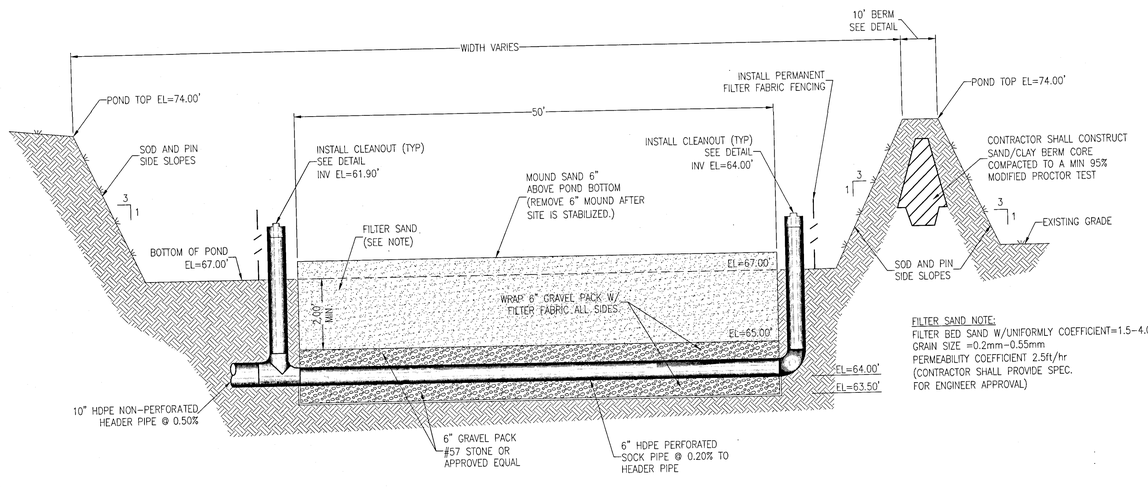
FRONT VIEW



SIDE VIEW

TYPE 'D' OUTFALL STRUCTURE DETAIL

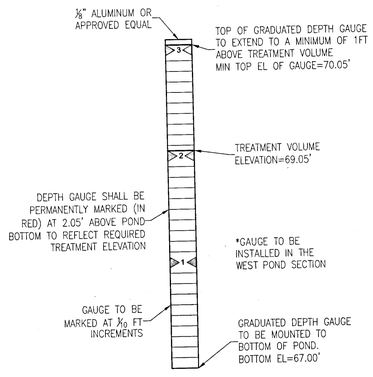
N.T.S.



FILTER SAND NOTE:
FILTER BED SAND W/UNIFORMLY COEFFICIENT=1.5-4.0
GRAIN SIZE =0.2mm-0.55mm
PERMEABILITY COEFFICIENT 2.5ft/hr
(CONTRACTOR SHALL PROVIDE SPEC.
FOR ENGINEER APPROVAL)

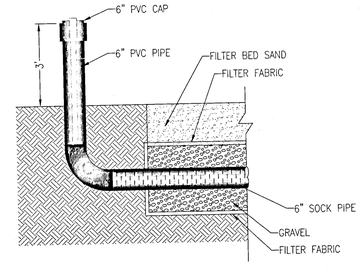
DETENTION POND SECTION C2-C2

N.T.S



GRADUATED DEPTH GAUGE

N.T.S.



SAND FILTER CLEANOUT DETAIL

N.T.S.

REBOL-BATTLE & ASSOCIATES
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2351 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0000597

POND 'C' DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
LICENSE
No. 76144
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.
C3.8
27 OF 60

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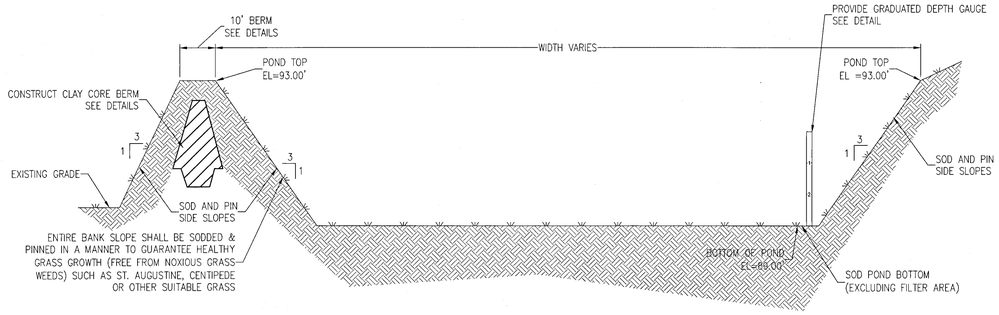
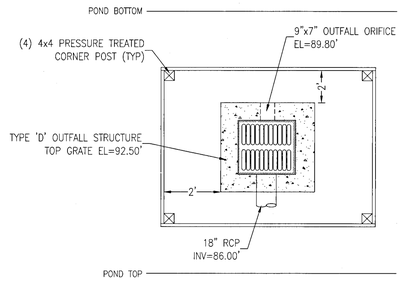
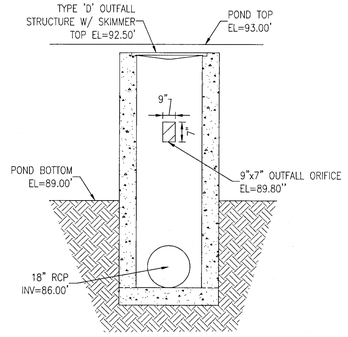
P:\2017\2017.103 BAT ROCK (145 ACRES) - WOODLAND\DRAWING\PHASE 2\C3.8 DRAINAGE DETAILS.DWG



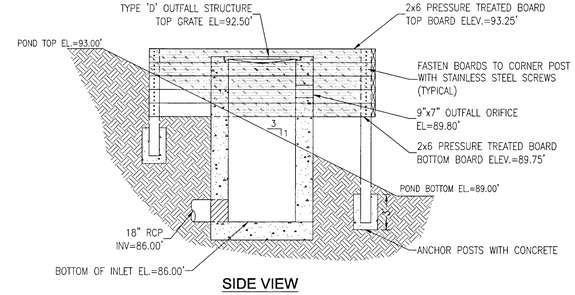
DETENTION POND SECTION D1-D1
N.T.S



PLAN VIEW

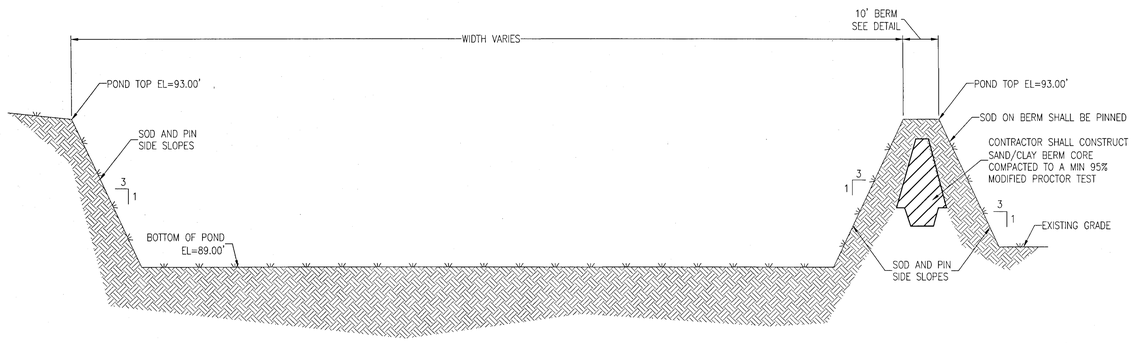


FRONT VIEW

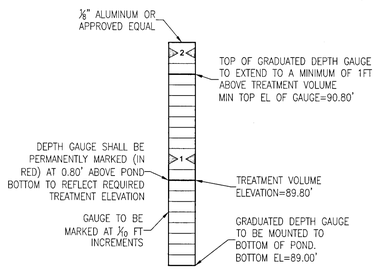


SIDE VIEW

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



DETENTION POND SECTION D2-D2
N.T.S



GRADUATED DEPTH GAUGE
N.T.S.

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EB 0005957

POND 'D' DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C3.9
28 OF 60

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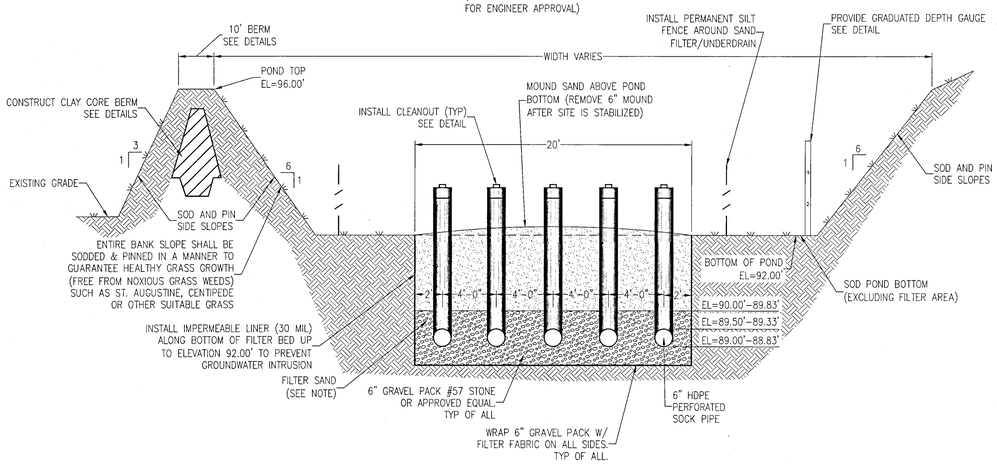
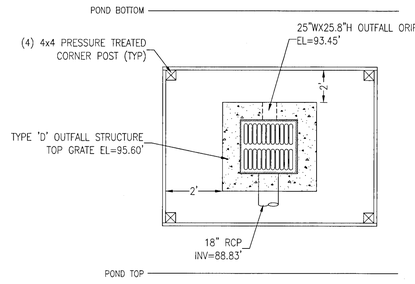
P:\2017\2017.103 DAT BEER OAKS (171 ACRES)\-- WOOKLAND\DRAWINGS\PHASE 2\C3.9 GRADING PLAN.DWG

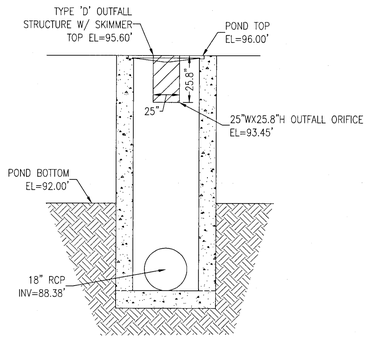


DETENTION POND SECTION F1-F1

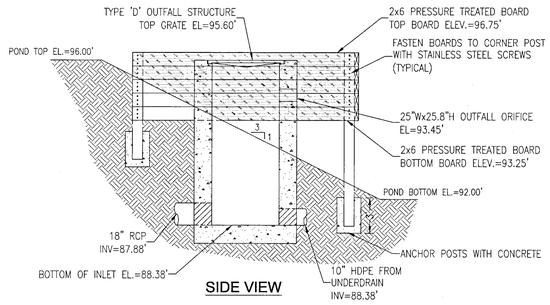
N.T.S



PLAN VIEW



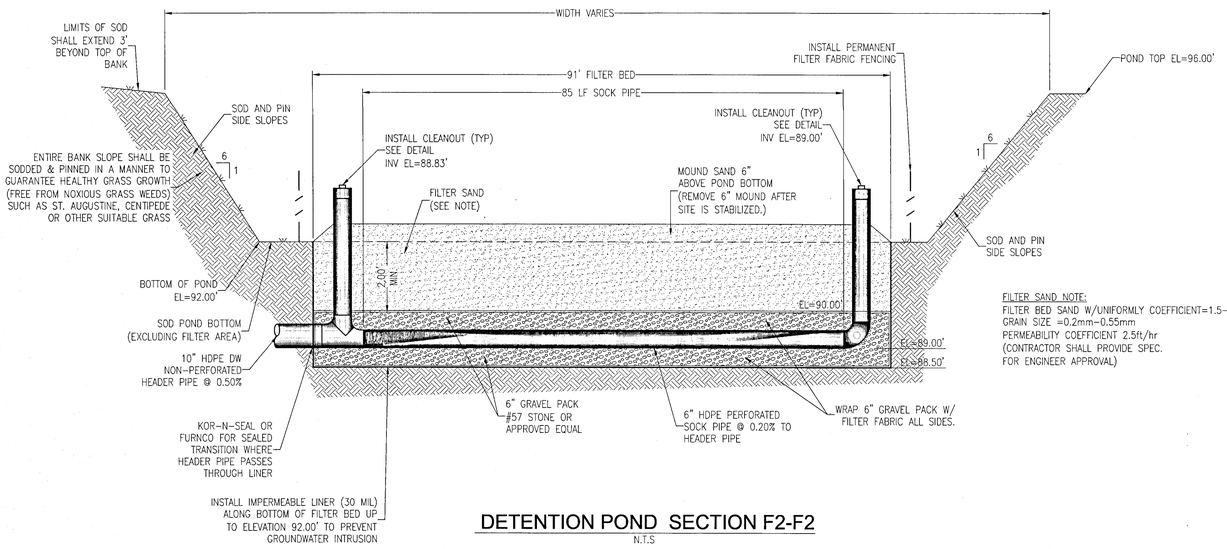
FRONT VIEW



SIDE VIEW

TYPE 'D' OUTFALL STRUCTURE DETAIL

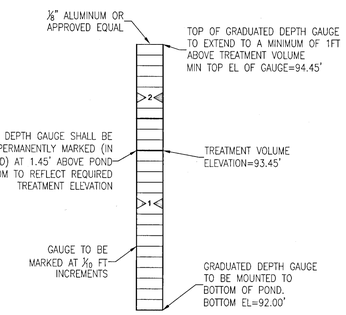
N.T.S.



FILTER SAND NOTE:
FILTER BED SAND W/UNIFORMLY COEFFICIENT=1.5-4.0
GRAIN SIZE =0.2mm-0.55mm
PERMEABILITY COEFFICIENT 2.5ft/hr
(CONTRACTOR SHALL PROVIDE SPEC.
FOR ENGINEER APPROVAL)

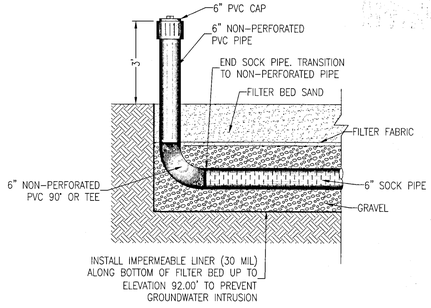
DETENTION POND SECTION F2-F2

N.T.S



GRADUATED DEPTH GAUGE

N.T.S.



SAND FILTER CLEANOUT DETAIL

N.T.S.

REBOL-BATTLE & ASSOCIATES
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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 0005687

POND 'F' DETAILS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C3.10
29 OF 60

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P:\2017\2017.103 EAST BASE (AKA 11TH ACRES)- ROOKS\APPS\PERMIT\PHASE 2\C3.03 DRAINAGE.DWG

GRADING & DRAINAGE NOTES:

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. SEEDED 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 $\frac{1}{2}$" 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/NWFWMD.

8. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY 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 (595-3434). 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 ACCESS 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 NWFWMD.

23. RETAINING WALLS SHOWN ARE TO BE DESIGNED BY OTHERS. THE CONTRACTOR SHALL OBTAIN BUILDING INSPECTION DEPARTMENT'S PERMIT(S) FOR ANY RETAINING WALL HIGHER THAN 2 FEET.

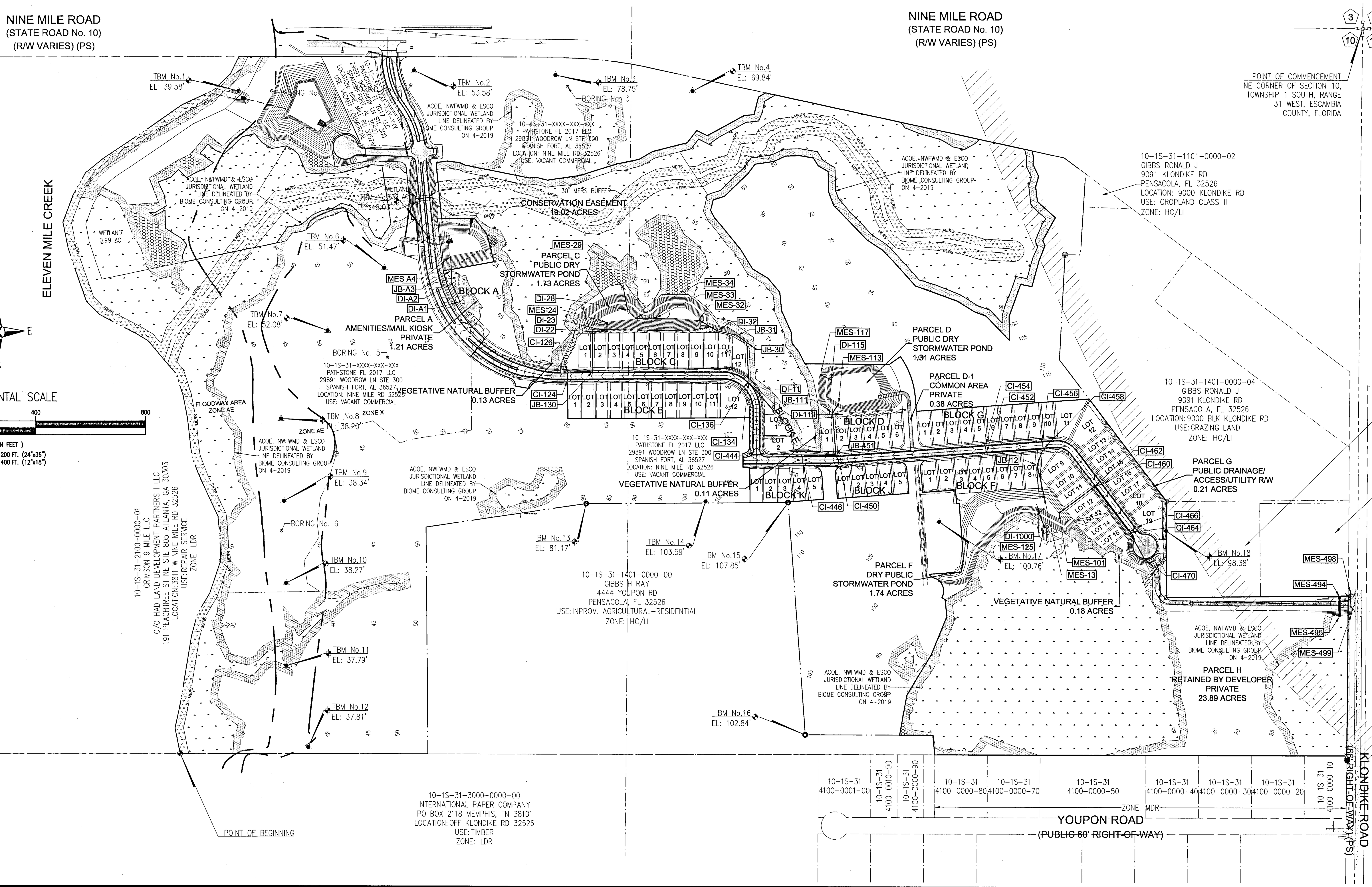
24. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST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

POINT CHART

POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM NO.13	2" DIA ROUND CONC MONUMENT	567526.3430	1074734.0308	81.17'
BM NO.15	2" DIA ROUND CONC MONUMENT	567494.7602	1075466.8797	107.85'
BM NO.16	2" DIA ROUND CONC MONUMENT	566647.1295	1075487.3576	102.84'
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.4	NAIL AND DISK SET	569007.1169	1075193.4876	69.84'
TBM NO.5	NAIL AND DISK SET	568520.4502	1074210.0787	48.06'
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'
TBM NO.8	NAIL AND DISK SET	567888.8848	1073642.0017	38.20'
TBM NO.9	NAIL AND DISK SET	567588.9969	1073635.9906	38.34'
TBM NO.10	NAIL AND DISK SET	567289.1126	1073628.4113	38.27'
TBM NO.11	NAIL AND DISK SET	566988.8665	1073613.9182	37.79'
TBM NO.12	NAIL AND DISK SET	566688.8390	1073679.3039	37.81'
TBM NO.14	NAIL AND DISK SET	567513.0250	1075167.6580	103.59'
TBM NO.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'
TBM NO.18	NAIL AND DISK SET	567325.0055	1076834.4346	98.38'

LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- ADDITIONAL WETLAND BUFFER
- 30' MERS BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION



OVERALL NEIGHBORHOOD GRADING & DRAINAGE PLAN

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

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.
C3.11
SHEET 30 OF 60

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P:\2017\2017.103 EAST RIVER OAKS (174 ACRES)- WOODLAND\DRAWINGS\PHASE 2\C3.0 GRADING PLAN.DWG

GRADING & DRAINAGE NOTES:

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. SEEDED 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 ½" 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/NWFWMD.

8. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY 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 (595-3434). 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 ACCESS 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 NWFWMD.

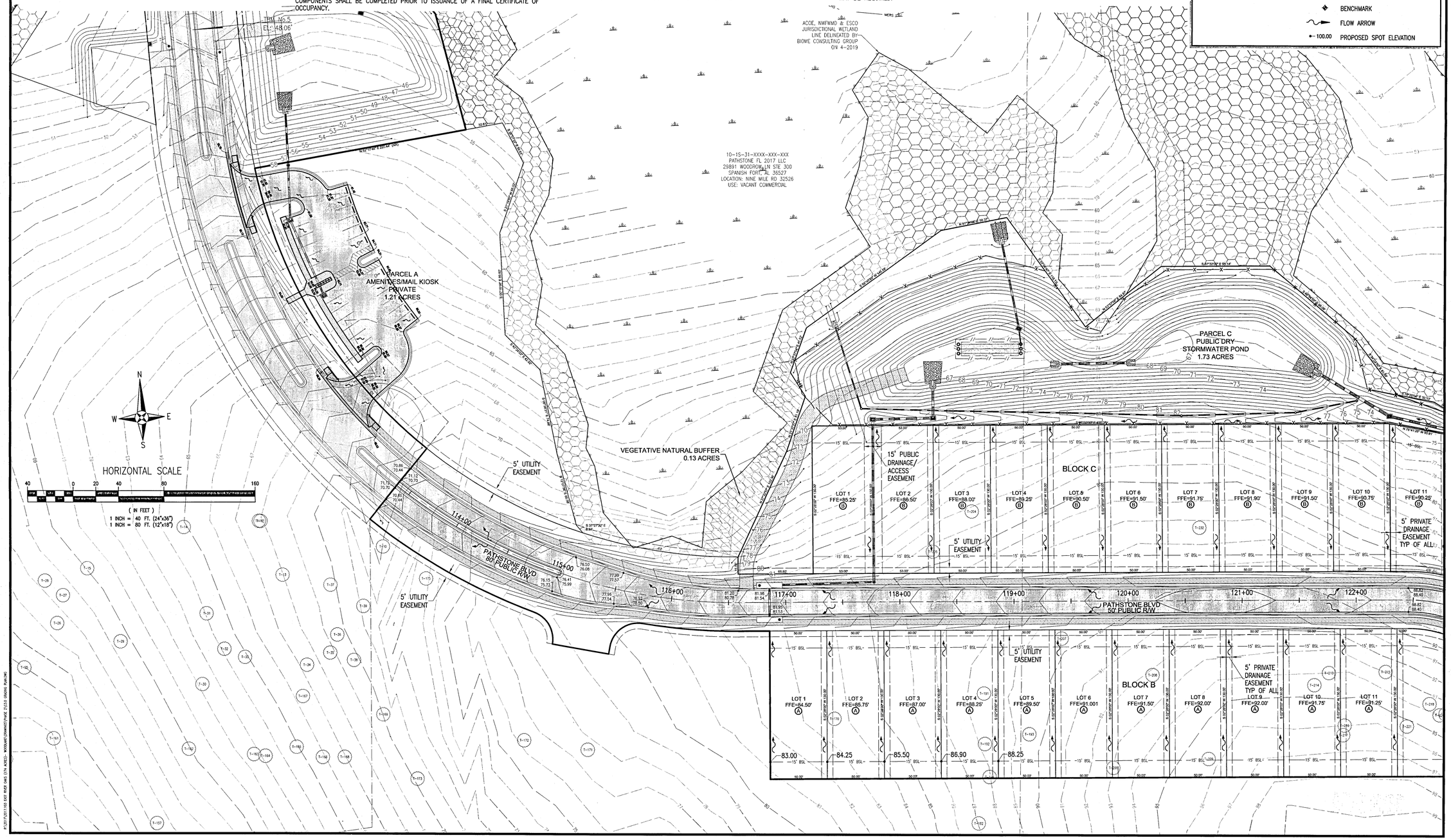
23. CONVEYANCE SWALES SHALL BE BUILT BY THE CONTRACTOR AND SIDE YARD SWALES SHALL BE BUILT BY THE HOME BUILDER.

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.

LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- EXISTING GRAVEL
- EXISTING DIRT
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- WATER
- WETLAND
- 25' WETLAND BUFFER
- ADDITIONAL WETLAND BUFFER
- 30' MERS BUFFER
- 100 EXISTING CONTOUR
- 100 PROPOSED CONTOUR
- BENCHMARK
- FLOW ARROW
- 100.00 PROPOSED SPOT ELEVATION



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NEIGHBORHOOD GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C3.12
SHEET 31 OF 60

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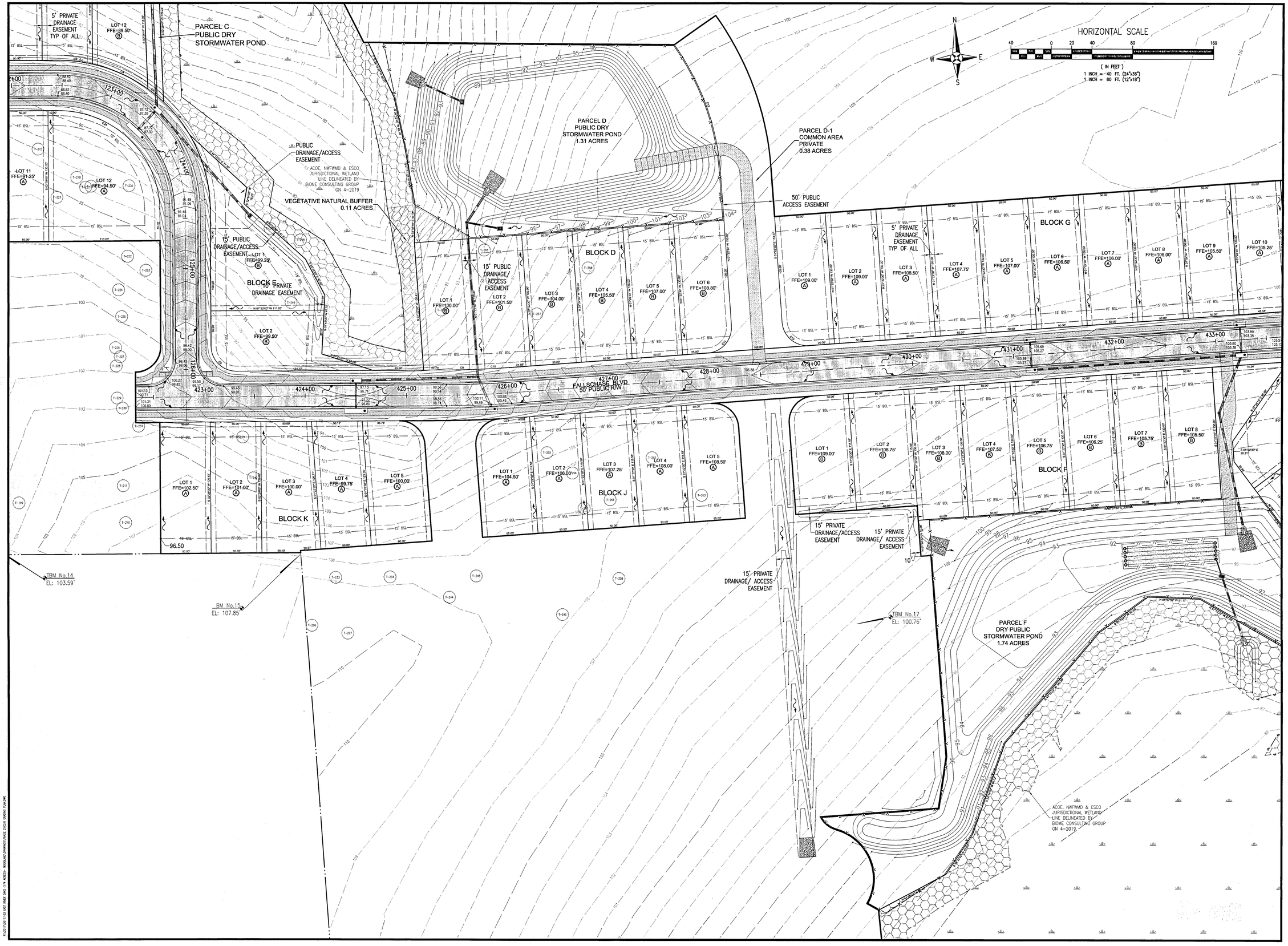

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DRAWING No.

C3.13
SHEET 32 OF 60

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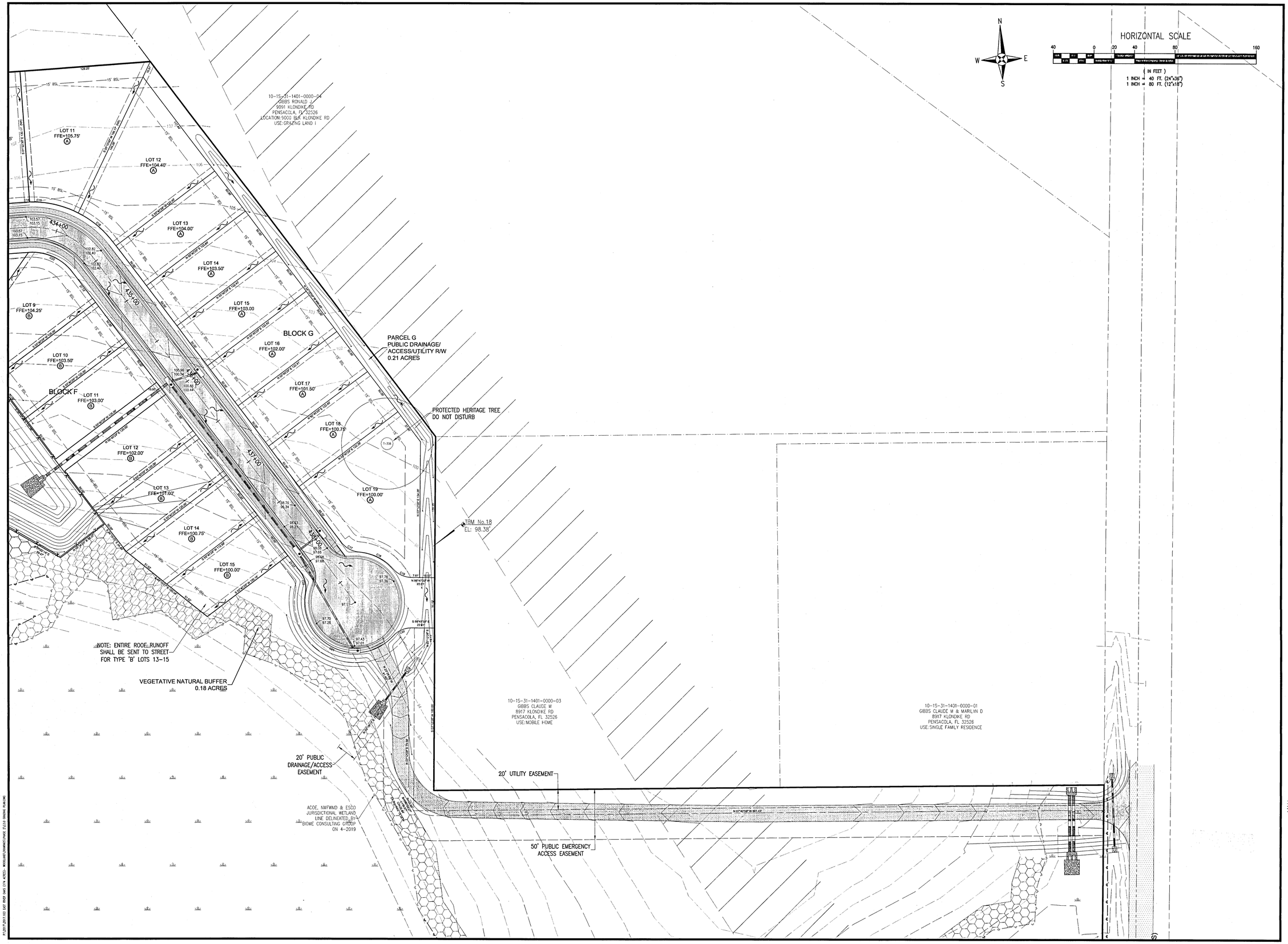
P:\2017\2017.103 LDP, REVS, DWG SYM, ACAD'S\- WOODLAND\DRAWINGS\PHASE 2\C3.0 GRADING PLAN.DWG



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Fallschase at Pathstone Phase 2
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Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 7/18/2019

DRAWING No.
C3.14
SHEET 33 OF 60

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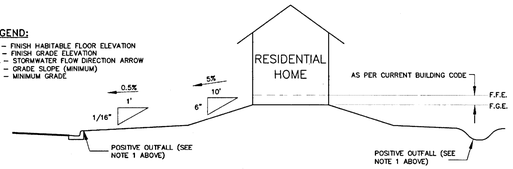
MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL GRADING CONTROL PLAN

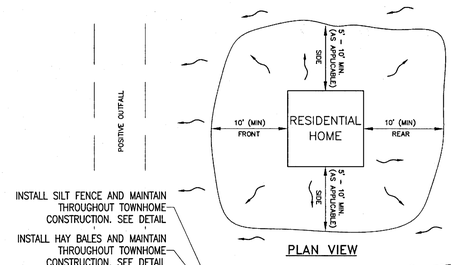
NOTES:

1. A POSITIVE DRAINAGE OUTFALL IS A CONVEYANCE SYSTEM (DRAINAGE EASEMENT, ROADWAY WITH A DRAINAGE SYSTEM ~ CURB & GUTTER, OR DITCH) WHICH CONTAINS, CONTROLS, AND TRANSMITS STORMWATER RUNOFF TO A CREEK, STREAM, RIVER, BAY, GULF, OCEAN, OR OTHER WATERS OF THE STATE, OR WATERS OF THE UNITED STATES, OR TO ANY FUNCTIONING ESCAMBIA COUNTY OR STATE DRAINAGE SYSTEM.
2. FINISH FLOOR ELEVATION SHALL BE AS SPECIFIED BY BUILDING CODE.
3. THESE ARE MINIMAL REQUIREMENTS AND DO NOT RELIEVE THE BUILDER FROM PROVIDING ADDITIONAL GRADING TO DIRECT STORMWATER TO A POSITIVE OUTFALL DRAINAGE SYSTEM AND ELIMINATE NEGATIVE IMPACTS TO ADJACENT LOTS AND PROPERTIES.
4. DISTURBED LOT AREAS SHALL BE COMPLETELY STABILIZED WITH SOD. IF THE HOME IS CONSTRUCTED, STABILIZE THE FIRST 10' WITH SOD AND SOD AND/OR SEED AND MULCH THE REMAINDER OF THE LOT.
5. THE HOMEBUILDER SHALL COMPLY WITH STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES, SPECIFICALLY THE NPDES PERMITS WHICH REQUIRES A DETAILED STORMWATER POLLUTION PREVENTION PLAN (SWPPP) BEING AVAILABLE ONSITE FOR REVIEW DURING ALL PHASES OF CONSTRUCTION.
6. LOT CLEARING ACTIVITIES SHALL NOT PROCEED WITHOUT BUILDING PERMITS FOR THOSE LOTS EXCLUDING CLEARING REQUIRED FOR CONSTRUCTION OF CONVEYANCE SWALES OR DRAINAGE FEATURES DESIGNATED AS THE DEVELOPER'S RESPONSIBILITY.
7. ALL NEW RUNOFF, DOWNSPOUTS, AND GUTTERS SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND OR APPROVED DRAINAGE SYSTEM.
8. PROVIDE EROSION CONTROL MEASURES TO ENSURE ALL SEDIMENTS SHALL BE RETAINED ON EACH INDIVIDUAL LOT.
9. WETLANDS SHALL BE PROTECTED WITH FABRIC SILT FENCING AND BURIED HAYBALE SYSTEMS (DOUBLE ROWS AS NECESSARY).

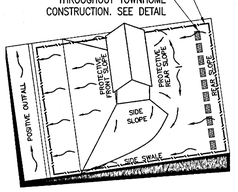
LEGEND:
F.F.E. – FINISH HABITABLE FLOOR ELEVATION
F.G.E. – FINISH GRADE ELEVATION
– STORMWATER FLOW DIRECTION ARROW
– GRADE SLOPE (MINIMUM)
– MINIMUM GRADE



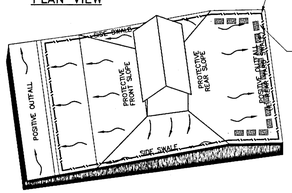
ELEVATION VIEW



PLAN VIEW



LOT GRADING ~ TYPE "A"
ALL DRAINAGE TO STREET

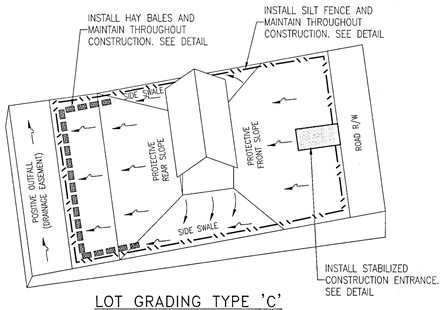


LOT GRADING ~ TYPE "B"
DRAINAGE TO STREET & TO REAR LOT LINE

REVISED SEPT. 15, 2009

NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF GRADING DRAINS TO A POSITIVE OUTFALL.

L:\Design\...\Land\ENGINEERING DETAILS\DETAILS SHEETS\DRIVEWAY_LOT_GRADING_DETAILS_SEPT. 09.dwg



LOT GRADING TYPE 'C'
THE MAJORITY OF THE LOT SHALL SLOPE TO THE DRAINAGE EASEMENT AT THE REAR OF THE LOT INSTEAD OF THE STREET

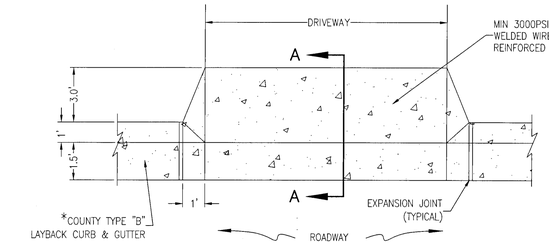
NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF GRADING DRAINS TO A POSITIVE OUTFALL.

NOTES:

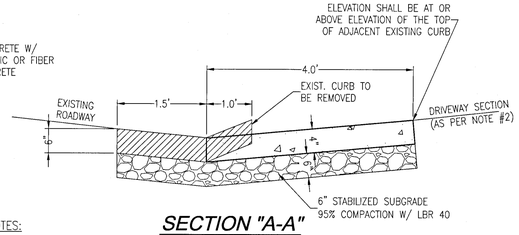
1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1 – ½" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE – 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE 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.

TYPE I

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



PLAN VIEW



SECTION "A-A"

NOTES:
1.) SEE STANDARD COUNTY CURB DETAILS FOR REFERENCE.
2.) SEE F.D.O.T. INDEX NO. 515 FOR OTHER CONNECTIONS.
* FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT.

MAXIMUM LOT SURFACE COVERAGE

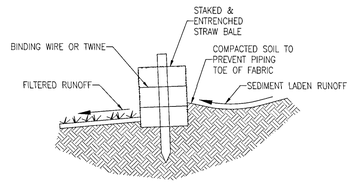
ALL RESIDENTIAL LOTS	4,250 SF (HOUSE & DRIVEWAY)

TOTAL IMPERVIOUS SURFACE

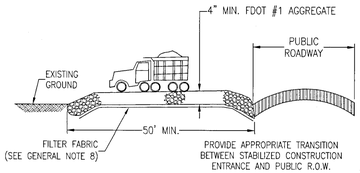
TOTAL NEW INFRASTRUCTURE	135,371 SF (ROADWAY, SIDEWALK, CURB)
TOTAL IMPERVIOUS AREA FOR POST DEVELOPMENT CONDITIONS	462,621 SF (NEW INFRASTRUCTURE, LOTS)

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

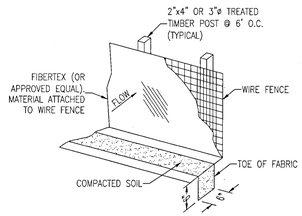
NOT TO SCALE



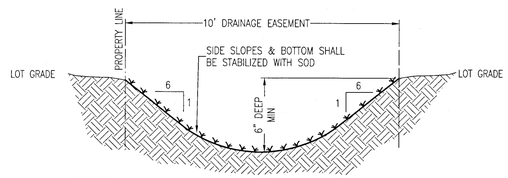
STRAW BALE DETAIL
N.T.S.



12' WIDE STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



SILT FENCE DETAIL
N.T.S.



NOTES:
1. SIDE YARD SWALES SHALL BE BUILT BY THE HOMEBUILDER
2. HOME EQUIPMENT (I.E. AC UNITS) SHALL NOT HINDER THE PROPER INSTALLATION AND/OR FUNCTION OF THE SIDE YARD SWALES
3. ALL NEW ROOF RUNOFF, DOWNSPOUTS, AND GUTTERS, SHALL BE ROUTED TO CARRY ALL STORMWATER TO THE ROADS OR SWALES THAT LEAD TO THE RETENTION POND

TYPICAL PRIVATE 10' DRAINAGE EASEMENT SWALE
N.T.S

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Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
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DRAWING No.
C3.15
SHEET 34 OF 60

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P:\2017\2017.103 EAST RIVER OAKS (174 ACRES)- RVC\LAND\DRAWINGS\PHASE 2\C3.15 GRADING PLAN.DWG

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. ALL NEW WATER AND SEWER SERVICE LINES SHALL HAVE A MINIMUM COVER OF 30 INCHES (MAXIMUM 36"), UNLESS OTHERWISE NOTED.

6. THE CONTRACTOR IS TO RESTORE ALL DISTURBED RIGHTS-OF-WAY IN ACCORDANCE WITH ESCAMBIA COUNTY AND THE ECUA GUIDELINES.

7. THE CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR FOR BUILDING UTILITY CONNECTIONS.

8. ALL CONNECTIONS TO THE ECUA SEWER SYSTEM SHALL BE MADE WITH ECUA PERSONNEL PRESENT.

9. ANY REMOVAL OR RELOCATION OF ECUA WATER/SEWER UTILITIES MUST BE APPROVED IN WRITING PRIOR TO THE WORK BEING DONE.

10. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES

11. 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.

12. ALL CROSSINGS UNDER EXISTING COUNTY ROADS SHALL BE DONE BY JACK AND BORE METHOD. OPEN CUTTING OF COUNTY ROADS IS PROHIBITED.

13. 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.

14. 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.

15. FORCE MAIN LOCATED IN RIGHT-OF-WAY & UTILITY EASEMENTS SHALL BE MAINTAINED BY ECUA.

16. 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.

UTILITY DETAIL REFERENCE NOTE:
REFER TO ECUA ENGINEERING MANUAL (9-1-2016) DIVISION 4 FOR ALL ECUA STANDARD DETAILS.

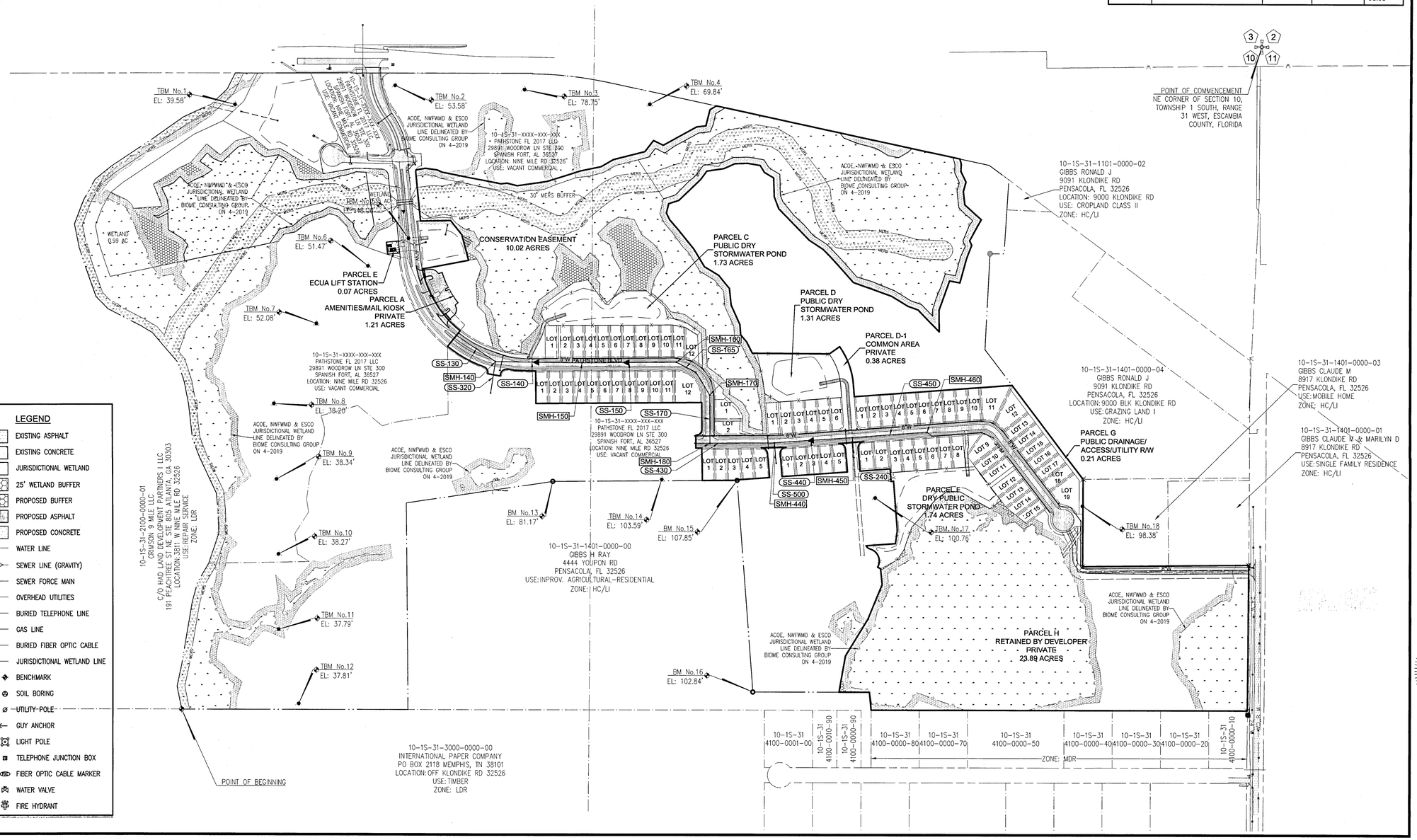
ALL WORK THAT WILL BECOME ECUA OWNED SHALL BE DESIGNED, CONSTRUCTED, AND TESTED IN ACCORDANCE WITH THE ECUA STAMPED APPROVED PLANS AND ECUA'S ENGINEERING MANUAL IN EFFECT AT TIME OF ECUA PLAN APPROVAL

NOTE:
ALL WATER SYSTEM FACILITIES TO BE OWNED & MAINTAINED BY ECUA

N W E S

HORIZONTAL SCALE
200 0 100 200 400 800
(IN FEET)
1 INCH = 200 FT. (24"x36")
1 INCH = 400 FT. (12"x18")

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM NO.13	2" DIA ROUND CONC MONUMENT	567526.3430	1074734.0308	81.17'
BM NO.15	2" DIA ROUND CONC MONUMENT	567494.7602	1075466.8797	107.85'
BM NO.16	2" DIA ROUND CONC MONUMENT	566647.1295	1075487.3576	102.84'
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.4	NAIL AND DISK SET	569007.1169	1075193.4876	69.84'
TBM NO.5	NAIL AND DISK SET	568520.4502	1074210.0787	48.06'
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'
TBM NO.8	NAIL AND DISK SET	567888.8848	1073642.0017	38.20'
TBM NO.9	NAIL AND DISK SET	567588.9969	1073635.9906	38.34'
TBM NO.10	NAIL AND DISK SET	567289.1126	1073628.4113	38.27'
TBM NO.11	NAIL AND DISK SET	566988.8665	1073613.9182	37.79'
TBM NO.12	NAIL AND DISK SET	566688.8390	1073679.3039	37.81'
TBM NO.14	NAIL AND DISK SET	567513.0250	1075167.6580	103.59'
TBM NO.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'
TBM NO.18	NAIL AND DISK SET	567325.0055	1076834.4346	98.38'



LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- JURISDICTIONAL WETLAND
- 25' WETLAND BUFFER
- PROPOSED BUFFER
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- W — WATER LINE
- SEWER LINE (GRAVITY)
- FM — FM — SEWER FORCE MAIN
- OHU — OVERHEAD UTILITIES
- BT — BURIED TELEPHONE LINE
- G — GAS LINE
- FOC — 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

P:\2017\2017.103 EAST RIVER OAKS (174 ACRES)\- WOODLAND\DRAWINGS\PHASE 2\C4.0 UTILITY PLAN.DWG

REBOL-BATTLE & ASSOCIATES
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EB #0029637

UTILITY PLAN

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.
C4.0
SHEET 35 OF 60

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HORIZONTAL SCALE
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

CONSERVATION EASEMENT
10.02 ACRES

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-1S-31-XXXX-XXX-XXX
PATHSTONE FL 2017 LLC
29891 WOODROW LN STE 300
SPANISH FORT, AL 36527
LOCATION: NINE MILE RD 32526
USE: VACANT COMMERCIAL

PARCEL C
PUBLIC DRY
STORMWATER POND
1.73 ACRES

PATHSTONE BLVD
50' PUBLIC R/W

INSTALL (2) 2" PVC CONDUITS

INSTALL (2) 2" PVC CONDUITS

INSTALL (2) 2" PVC CONDUITS

CONNECT TO EXISTING WATER STUBOUT

CONNECT TO EXISTING SEWER STUBOUT AT ELEVATION 60.64'

5' UTILITY EASEMENT

INSTALL 8"x8"x6" TEE, (1) 8" VALVE & (1) 6" VALVE

5' UTILITY EASEMENT

SS-130
INSTALL 183LF OF 8" @ 0.40%

SMH-140
Sta:115+26.09; 6.00R
INSTALL SEWER DROP MANHOLE
TOP EL=76.87
INV IN=68.00 (SS-140)
INV IN=61.47 (SS-320)
INV IN=61.47 (drop 1)
INV OUT=61.37 (SS-130)

SS-320
INSTALL 127LF OF 8" @ 0.46%

SMH-145
Sta:115+38.08; 131.94R
INSTALL SEWER MANHOLE
TOP EL=77.61
INV OUT=62.05 (SS-320)

INSTALL FIRE HYDRANT ASSEMBLY SEE DETAILS

INSTALL 65 LF OF 6" C900 WATER LINE

SS-140
INSTALL 344LF OF 8" @ 2.15%

CAP & MARK FOR FUTURE CONNECTION

INSTALL 4" PVC SEWER LATERAL

INSTALL 1" HDPE LONG WATER SERVICE IN CASING TYPICAL

15' PUBLIC DRAINAGE/ACCESS EASEMENT

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

SMH-150
Sta:118+70.38; -6.00L
INSTALL SEWER MANHOLE
TOP EL=86.51
INV IN=75.50 (SS-150)
INV OUT=75.40 (SS-140)

INSTALL 8" C900 PVC WATER MAIN MAINTAIN 30" MIN COVER

5' UTILITY EASEMENT

5' PRIVATE DRAINAGE EASEMENT TYP OF ALL

5' UTILITY EASEMENT

SS-150
INSTALL 375LF OF 8" @ 0.40%

SMH-160
Sta:122+45.78; -6.00L
INSTALL SEWER MANHOLE
TOP EL=88.49
INV IN=77.10 (SS-165)
INV OUT=77.00 (SS-150)

SS-165
INSTALL 87LF OF 8" @ 3.02%

SMH-165
Sta:422+34.02; -275.97L
INSTALL SEWER MANHOLE
TOP EL=87.33
INV IN=79.81 (SS-160)
INV OUT=79.71 (SS-165)

SS-160
INSTALL 106LF OF 8" @ 3.51%

INSTALL (5) 2" CONDUITS & (1) 4" CONDUIT

INSTALL FIRE HYDRANT ASSEMBLY SEE DETAILS

INSTALL 78 LF OF 6" C900 WATER LINE

CAP & MARK FOR FUTURE CONNECTION

SS-425
INSTALL 61LF OF 8" @ 0.50%

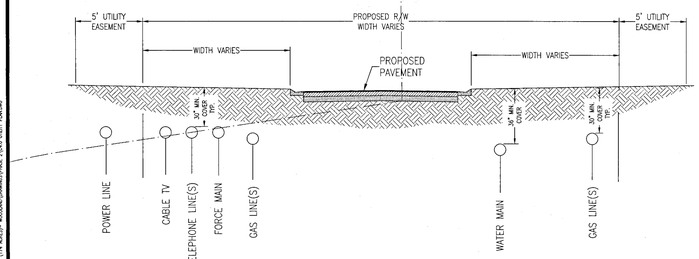
CAP & MARK FOR FUTURE CONNECTION

LOT 1 FFE=85.25' (B)
LOT 2 FFE=86.50' (B)
LOT 3 FFE=88.00' (B)
LOT 4 FFE=89.25' (B)
LOT 5 FFE=90.50' (B)
LOT 6 FFE=91.50' (B)
LOT 7 FFE=91.75' (B)
LOT 8 FFE=91.90' (B)
LOT 9 FFE=91.50' (B)
LOT 10 FFE=90.75' (B)
LOT 11 FFE=90.25' (B)
LOT 12 FFE=89.50' (B)

LOT 1 FFE=84.50' (A)
LOT 2 FFE=85.75' (A)
LOT 3 FFE=87.00' (A)
LOT 4 FFE=88.25' (A)
LOT 5 FFE=89.50' (A)
LOT 6 FFE=91.001 (A)
LOT 7 FFE=91.50' (A)
LOT 8 FFE=92.00' (A)
LOT 9 FFE=92.00' (A)
LOT 10 FFE=91.75' (A)
LOT 11 FFE=91.25' (A)
LOT 12 FFE=94.50' (A)

114+00 115+00 116+00 117+00 118+00 119+00 120+00 121+00 122+00 123+00 124+00

COMMON TRENCH DETAIL
N.T.S.



NOTES:

1. 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.
2. CONTRACTOR SHALL INSTALL EACH UTILITY SERVICE IN THE LOCATION AS SHOWN. DEVIATIONS MUST BE APPROVED BY ESCAMBIA COUNTY.
3. CONTRACTOR SHALL INSTALL POWER LINE ON OPPOSITE SIDE OF ROAD AS DOMESTIC WATER LINE.
4. ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W'S OR UTILITY CONDUITS FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING.

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND

P:\2017\2017.103 EAST RIVER OAKS (174 ACRES) - #2\CIVIL\DRAWINGS\PAGE 2\C4.1 UTILITY PLAN.DWG

REBOL-BATTLE & ASSOCIATES
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Telephone 850.438.3400 Fax 850.438.0448
EB #0000697

UTILITY PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER

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

DRAWING No.
C4.1
SHEET 36 OF 60

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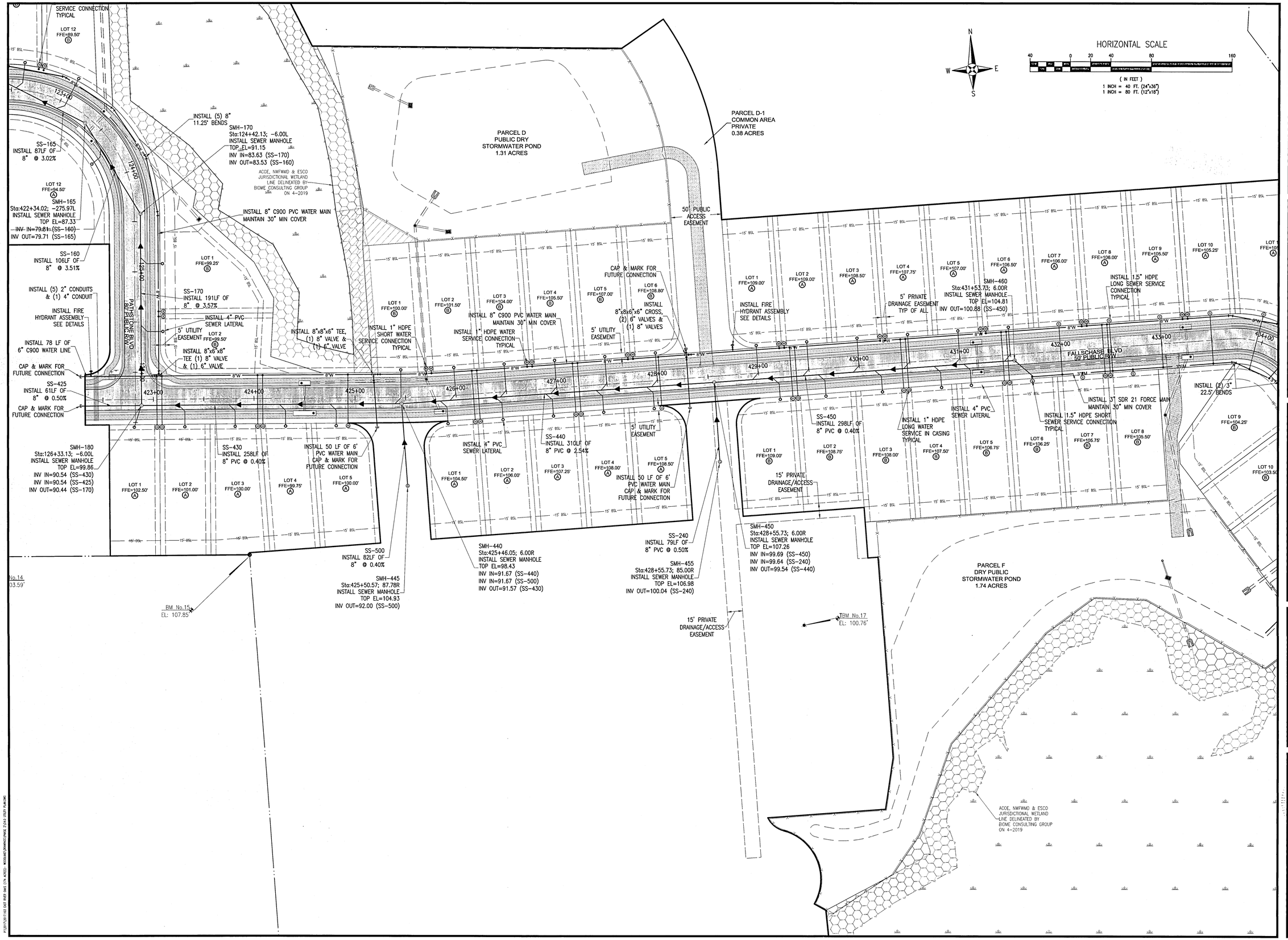

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Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB-0005697

UTILITY PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
LICENSED PROFESSIONAL ENGINEER 76144 STATE OF FLORIDA
7-18-19
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 37 OF 60

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10-15-31-1401-0000-04
GIBBS RONALD J
9091 KLONDIKE RD
PENSACOLA, FL 32526
LOCATION: 9000 BLK KLONDIKE RD
USE: GRAZING LAND I

N
W E
S

HORIZONTAL SCALE
40 0 20 40 80 160
(IN FEET)
1 INCH = 40 FT. (24"x36")
1 INCH = 80 FT. (12"x18")

LOT 12 FFE=104.40' A
LOT 13 FFE=104.00' A
LOT 14 FFE=103.50' A
LOT 15 FFE=103.00' A
LOT 16 FFE=102.00' A
LOT 17 FFE=101.50' A
LOT 18 FFE=100.75' A
LOT 19 FFE=100.00' A
LOT 11 FFE=103.00' B
LOT 12 FFE=102.00' B
LOT 13 FFE=101.00' B
LOT 14 FFE=100.75' B
LOT 15 FFE=100.00' B

15' BSL

5' UTILITY EASEMENT

INSTALL 1" HDPE SHORT WATER SERVICE CONNECTION TYPICAL

INSTALL 1.5" HDPE LONG SEWER SERVICE CONNECTION TYPICAL

INSTALL 3" SDR21 FORCE MAIN MAINTAIN 36" MIN COVER

INSTALL 1" HDPE LONG WATER SERVICE IN CASING TYPICAL

INSTALL 1.5" HDPE SHORT SEWER SERVICE CONNECTION TYPICAL

INSTALL FIRE HYDRANT ASSEMBLY

TBM No.18
EL: 98.38'

INSTALL (2) 8" 45° BENDS ON 8" PVC WATER MAIN AROUND CUL-DE-SAC

INSTALL 8" C900 PVC WATER MAIN MAINTAIN 30" MIN COVER

INSTALL TERMINAL FLUSHING CONNECTION. SEE UTILITY DETAIL REFERENCE NOTE ON COVER

PARCEL G
PUBLIC DRAINAGE/ ACCESS/UTILITY R/W
0.21 ACRES

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

ACOE, NWFWMD & ESCO JURISDICTIONAL WETLAND LINE DELINEATED BY BIOME CONSULTING GROUP ON 4-2019

10-15-31-1401-0000-03
GIBBS CLAUDE M
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: MOBILE HOME

10-15-31-1401-0000-01
GIBBS CLAUDE M & MARILYN D
8917 KLONDIKE RD
PENSACOLA, FL 32526
USE: SINGLE FAMILY RESIDENCE

CONNECT TO EXISTING 24" WATER MAIN W/ 24"x8" TAPPING SLEEVE & VALVE

INSTALL 8" C900 PVC WATER MAIN MAINTAIN 30" MIN COVER

20' UTILITY EASEMENT

50' PUBLIC EMERGENCY ACCESS EASEMENT

PARCEL H
RETAINED BY DEVELOPER
PRIVATE
23.89 ACRES

8"W 24"W FDC

P:\2017\2017.103 GIST PKWY, OWC (174 ACRES) - #2\DWG\BRANCH\PHASE 2\C4.3 UTILITY PLAN.DWG

REBOL-BATTLE & ASSOCIATES
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Pensacola, Florida 32503
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EB #0006967

UTILITY PLAN

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C4.3
SHEET 38 OF 60

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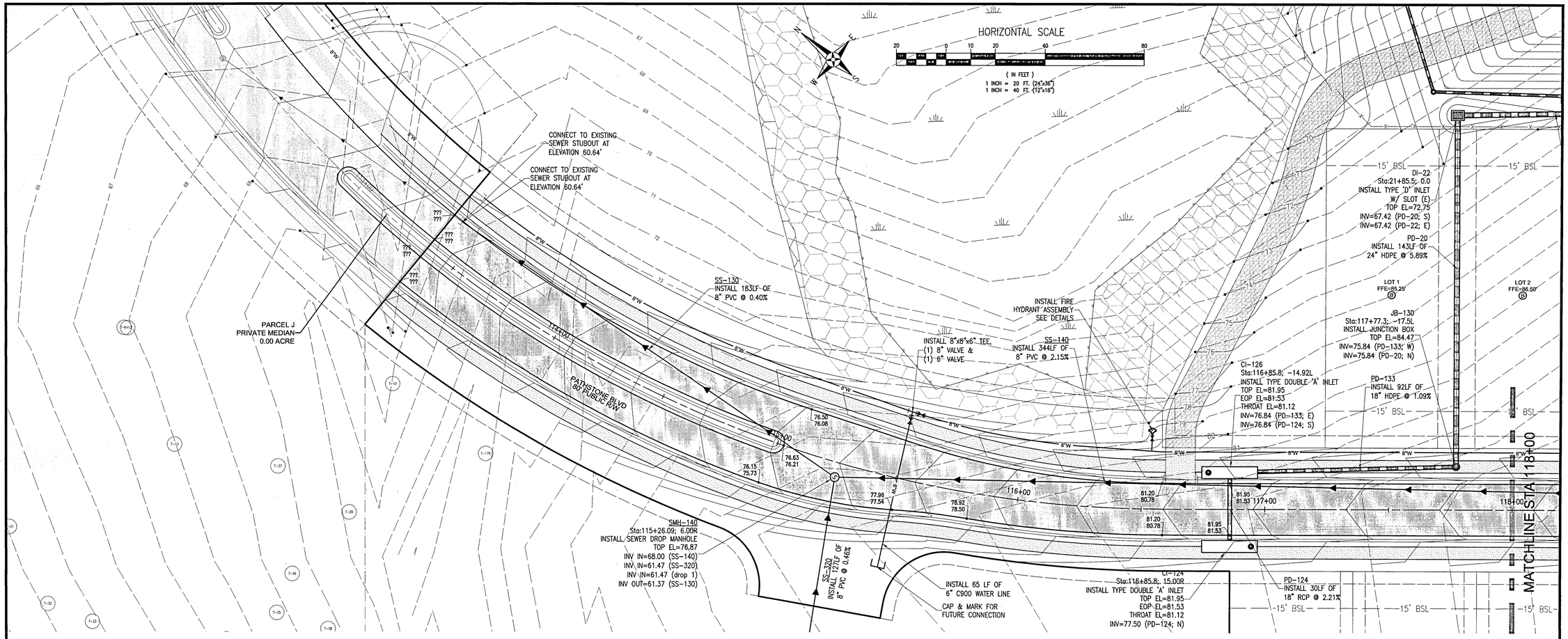

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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
No. 76144
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.0
SHEET 39 OF 60

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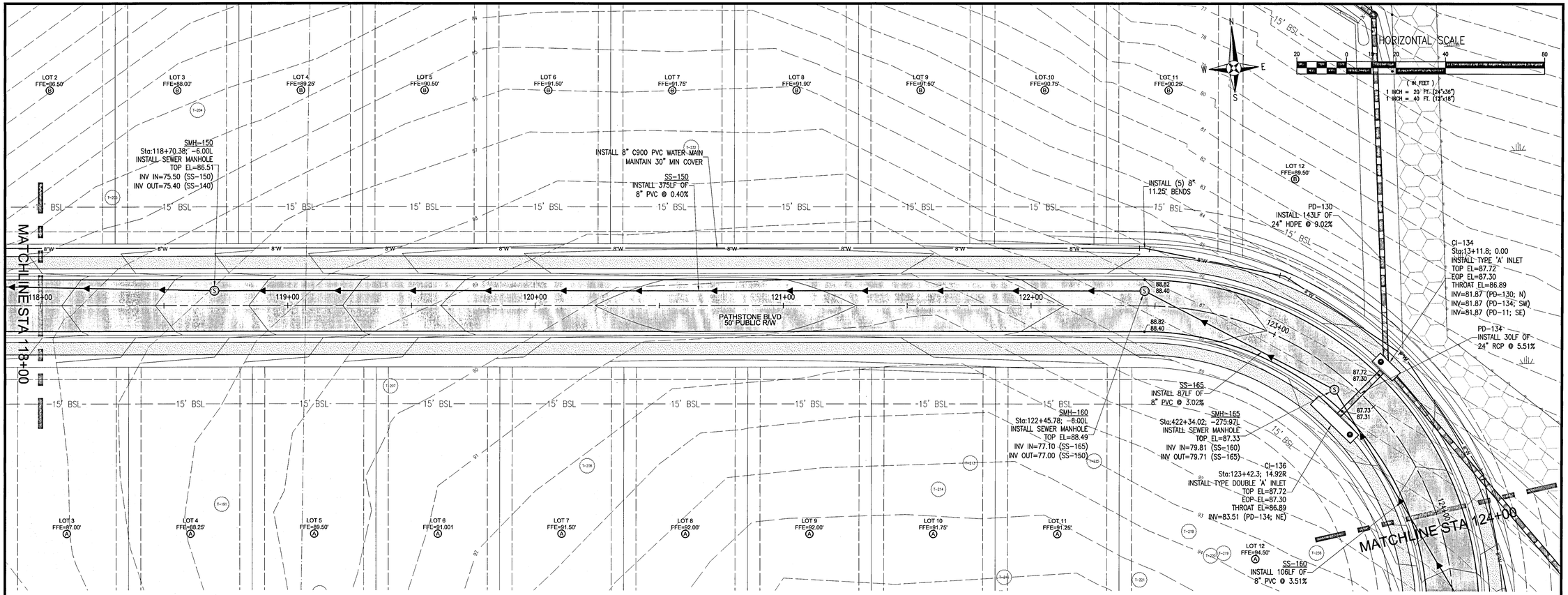
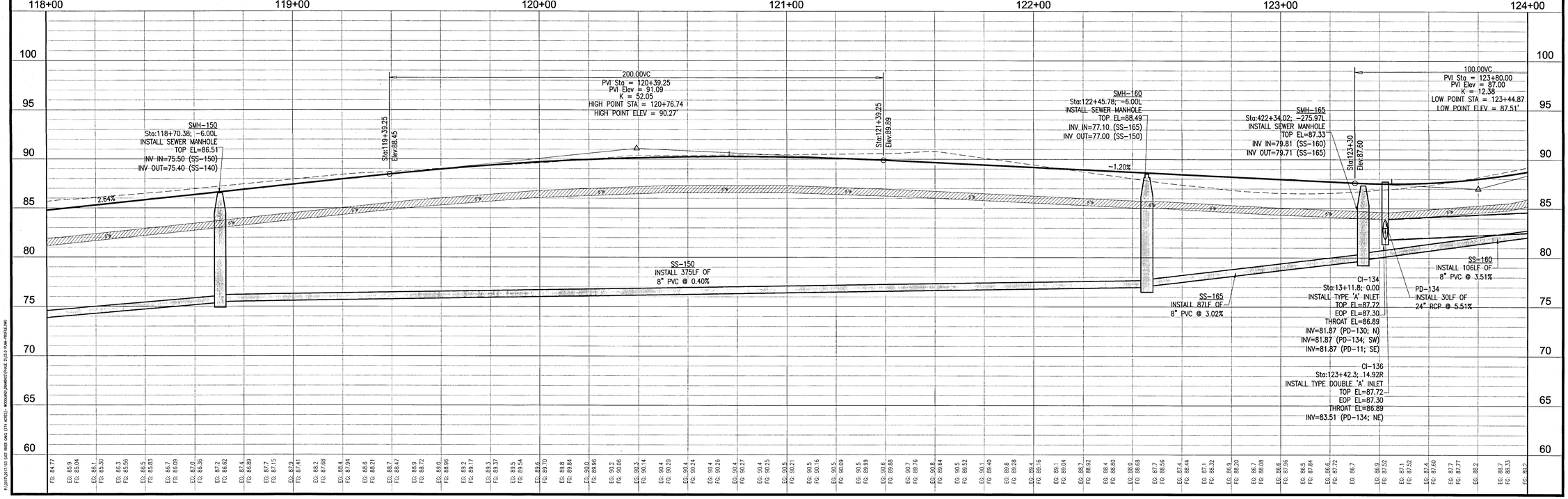
P:\2017\2017103 DWG\PLAN SHEETS\C5.0 PLAN-PROFILE.DWG





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EB 0000597

PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.1
SHEET 40 OF 60

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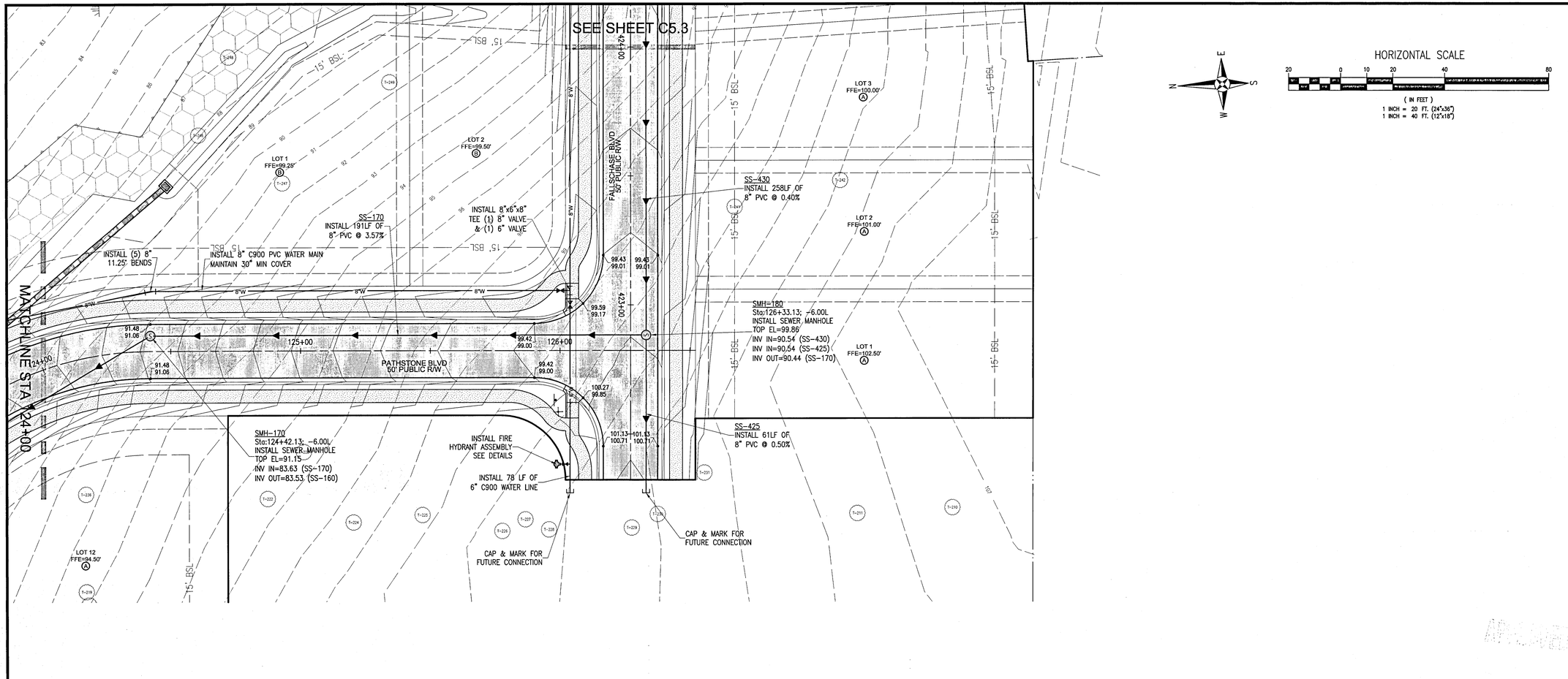
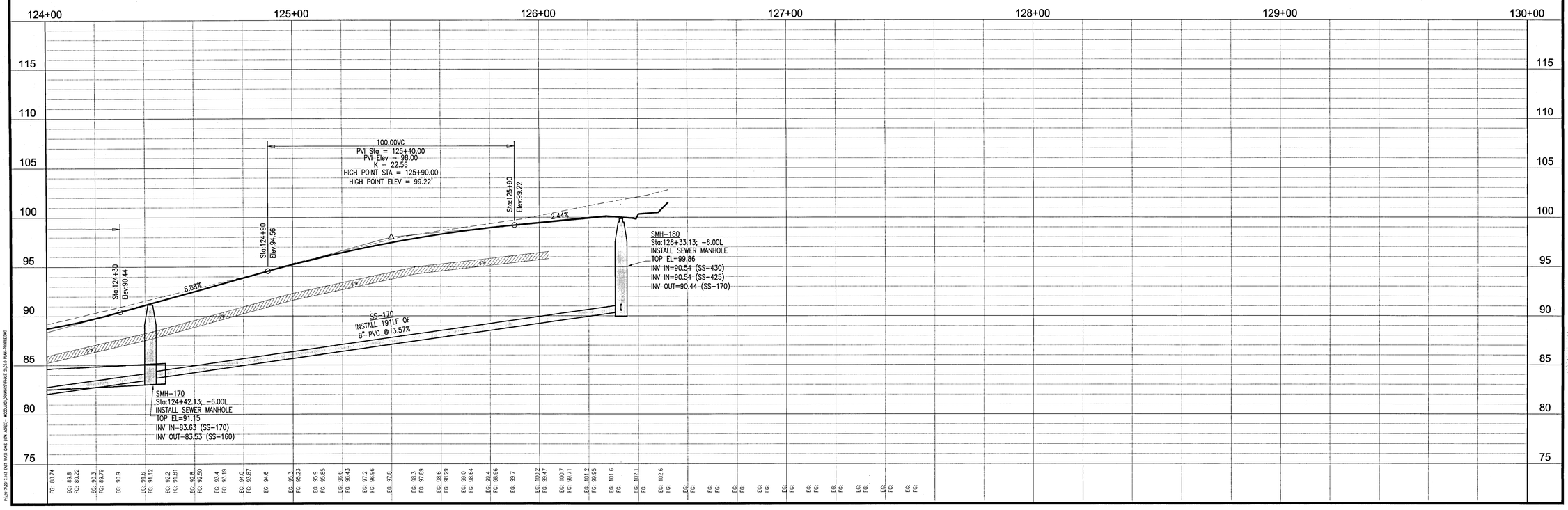
P:\2017\2017.103 1ST AVE (174 ACRES)- ROCKAWAY\DRAWINGS\PHASE 2\C5.0 PLAN-PROFILE.DWG





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Telephone 850.438.0400 Fax 850.438.0448
EB #0000687

PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.2
SHEET 41 OF 60

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SEE SHEET C5.2

HORIZONTAL SCALE
(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

PATHSTONE BLVD
50' PUBLIC R/W

FALLSCHASE BLVD
50' PUBLIC R/W

MATCHLINE STA 428+00

SS-170
INSTALL 191LF OF
8" PVC @ 3.57%

INSTALL FIRE
HYDRANT ASSEMBLY
SEE DETAILS

INSTALL 78 LF OF
6" C900 WATER LINE

CAP & MARK FOR
FUTURE CONNECTION

SS-425
INSTALL 61LF OF
8" PVC @ 0.50%

CAP & MARK FOR
FUTURE CONNECTION

INSTALL 8" C900 PVC WATER MAIN
MAINTAIN 30" MIN COVER

INSTALL 8"x6"x8"
TEE (1) 8" VALVE
& (1) 6" VALVE

LOT 2
FFE=99.50'
B

CI-444
Sta:424+50.0; -14.92L
INSTALL TYPE 'A' INLET
TOP EL=97.22
EOP EL=96.80
THROAT EL=96.39
INV=92.92 (PD-450; E)
INV=92.92 (PD-444; S)

PD-111
INSTALL 153LF OF
24" HDPE @ 1.43%

LOT 1
FFE=100.00'
B

INSTALL 8"x8"x6" TEE
(1) 8" VALVE &
(1) 6" VALVE

PD-450
INSTALL 121LF OF
24" HDPE @ 1.00%

JB-451
Sta:425+71.1; -17.5L
INSTALL JUNCTION BOX
W/ 5'ø BOTTOM
TOP EL=99.72
INV=91.72 (PD-450; W)
INV=93.80 (PD-451; S)
INV=91.72 (PD-111; N)

PD-451
INSTALL 35LF OF
24" RCP @ 3.47%

LOT 2
FFE=101.50'
B

LOT 3
FFE=104.00'
B

LOT 4
FFE=105.50'
B

LOT 5
FFE=107.00'
B

LOT 6
FFE=108.80'
B

INSTALL 8" C900 PVC WATER MAIN
MAINTAIN 30" MIN COVER

SMH-180
Sta:126+33.13; -6.00L
INSTALL SEWER MANHOLE
TOP EL=99.86
INV IN=90.54 (SS-430)
INV IN=90.54 (SS-425)
INV OUT=90.44 (SS-170)

SS-430
INSTALL 258LF OF
8" PVC @ 0.40%

CI-446
Sta:424+50.0; 14.92R
INSTALL TYPE 'A' DOUBLE CURB INLET
TOP EL=97.22
EOP EL=96.80
THROAT EL=96.39
INV=93.41 (PD-444; N)

PD-444
INSTALL 30LF OF
18" RCP @ 1.64%

INSTALL 50 LF OF 6"
PVC WATER MAIN
CAP & MARK FOR
FUTURE CONNECTION

CI-450
Sta:425+83.3; 14.92R
INSTALL TYPE 'A' INLET
TOP EL=100.11
EOP EL=99.69
THROAT EL=99.28
INV=95.00 (PD-451; N)

SS-500
INSTALL 82LF OF
8" PVC @ 0.40%

LOT 1
FFE=104.50'
A

LOT 2
FFE=106.00'
A

LOT 3
FFE=107.25'
A

LOT 4
FFE=108.00'
A

LOT 5
FFE=108.50'
A

SMH-445
Sta:425+50.57; 87.78R
INSTALL SEWER MANHOLE
TOP EL=104.93
INV OUT=92.00 (SS-500)

SS-440
INSTALL 310LF OF
8" PVC @ 2.54%

LOT 1
FFE=102.50'
A

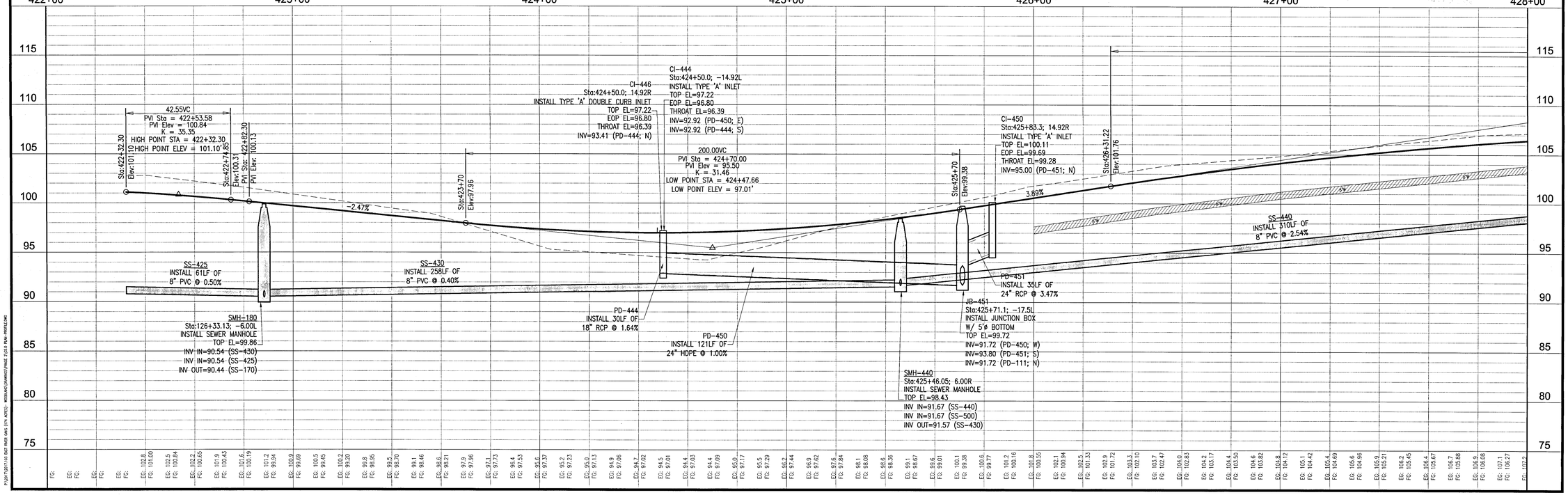
LOT 2
FFE=101.00'
A

LOT 3
FFE=100.00'
A

LOT 4
FFE=99.75'
A

LOT 5
FFE=100.00'
A

SMH-440
Sta:425+46.05; 6.00R
INSTALL SEWER MANHOLE
TOP EL=98.43
INV IN=91.67 (SS-440)
INV IN=91.67 (SS-500)
INV OUT=91.57 (SS-430)



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EB-0005687

PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.3
SHEET 42 OF 60

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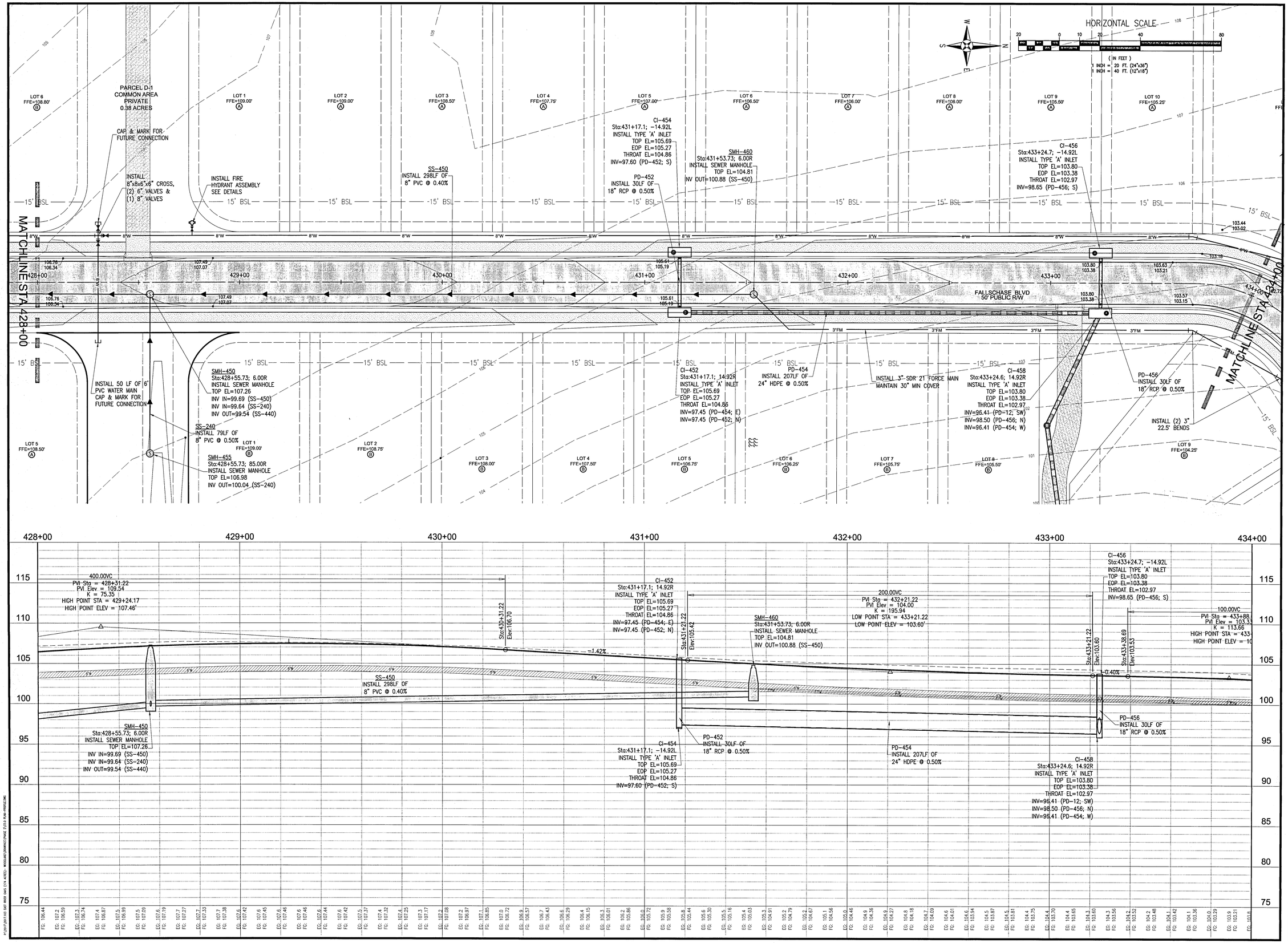
P:\2017\017.103 EAST BASE (SHL 014 ACRES) - ROCKWELL\DRAWINGS\PHASE 2\C5.3 PLAN-PROFILE.DWG



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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.4
SHEET 43 OF 60

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P:\2017\2017.103 DAT RIVER OAKS (17-A0363) - WOODLAND\DRAWINGS\PHASE 2\C5.0 PLAN-PROFILE.DWG

HORIZONTAL SCALE
20 0 10 20 40 80
(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")

MATCHLINE STA 434+00

LOT 12 FFE=104.40' (A)
LOT 13 FFE=104.00' (A)
LOT 14 FFE=103.50' (A)
LOT 15 FFE=103.00' (A)
LOT 16 FFE=102.00' (A)
LOT 17 FFE=101.50' (A)
LOT 18 FFE=100.75' (A)
LOT 19 FFE=100.00' (A)
LOT 9 FFE=104.25' (B)
LOT 10 FFE=103.50' (B)
LOT 11 FFE=103.00' (B)
LOT 12 FFE=102.00' (B)
LOT 13 FFE=101.00' (B)
LOT 14 FFE=100.75' (B)
LOT 15 FFE=100.00' (B)

CI-460
Sta:435+99.8; -14.92L
INSTALL TYPE 'A' INLET
TOP EL=100.84
EOP EL=100.42
THROAT EL=100.01
INV=96.19 (PD-460; W)

INSTALL 8" C900 PVC WATER MAIN
MAINTAIN 30" MIN COVER

INSTALL 3" SDR21 FORCE MAIN
MAINTAIN 36" MIN COVER

CI-462
Sta:435+90.0; 14.92R
INSTALL TYPE 'A' INLET
TOP EL=100.96
EOP EL=100.54
THROAT EL=100.13
INV=92.66 (PD-100; SW)
INV=95.53 (PD-460; E)
INV=92.66 (PD-463; SE)

PD-460
INSTALL 31LF OF
18" RCP @ 2.09%

PD-463
INSTALL 210LF OF
24" HDPE @ 0.43%

PD-100
INSTALL 162LF OF
30" HDPE @ 0.41%

CI-466
Sta:438+00.0; -14.92L
INSTALL TYPE 'A' INLET
TOP EL=98.28
EOP EL=97.86
THROAT EL=97.45
INV=93.91 (PD-466; SW)

INSTALL FIRE HYDRANT ASSEMBLY

INSTALL (3) 8" 45° BENDS ON 8" PVC WATER MAIN AROUND CUL-DE-SAC

PD-466
INSTALL 30LF OF
18" RCP @ 1.14%

CI-464
Sta:438+00.0; 14.92R
INSTALL TYPE 'A' INLET
TOP EL=98.28
EOP EL=97.86
THROAT EL=97.45
INV=93.57 (PD-463; NW)
INV=93.57 (PD-466; NE)
INV=93.57 (PD-464; SE)

INSTALL TERMINAL FLUSHING CONNECTION. SEE UTILITY DETAIL REFERENCE NOTE ON COVER

PD-464
INSTALL 113LF OF
18" RCP @ 0.58%

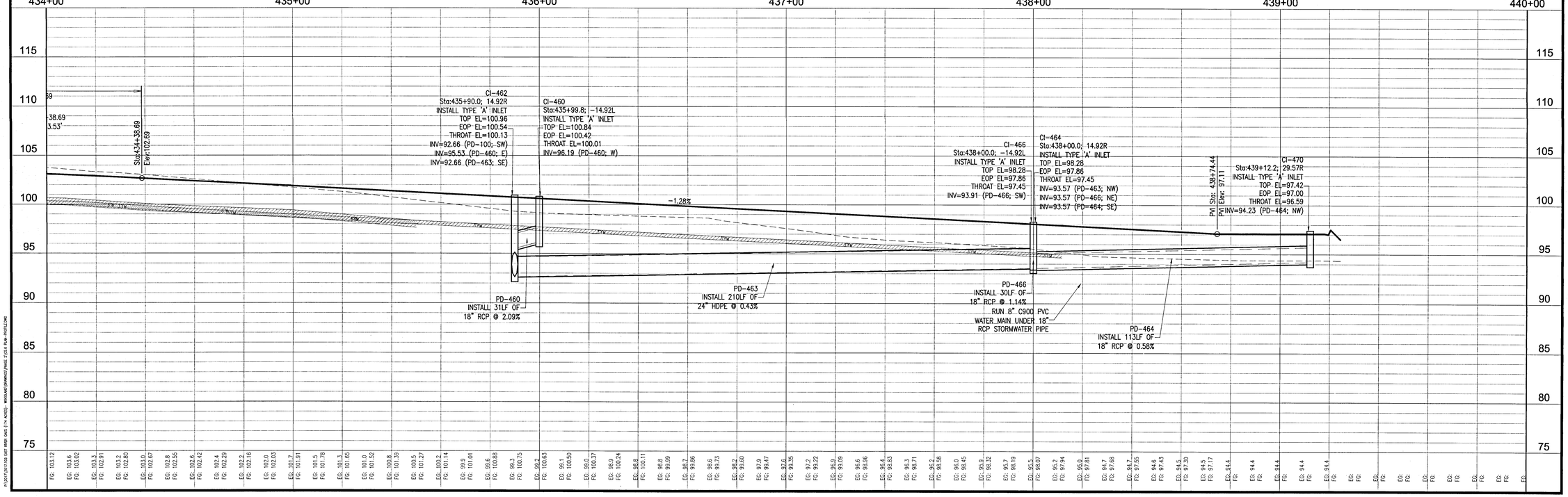
MES-480
Sta:100+38.3; -18.7L
INSTALL MES
INV=92.29

PD-480
INSTALL 46LF OF
18" RCP @ 2.83%

CI-470
Sta:439+12.2; 29.57R
INSTALL TYPE 'A' INLET
TOP EL=97.42
EOP EL=97.00
THROAT EL=96.59
INV=94.23 (PD-464; NW)

MES-485
Sta:100+67.7; 18.0R
INSTALL MES W/ RIPRAP
INV=91.00

15' BSL
8"W
3"FM



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PLAN & PROFILES

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.5
SHEET 44 OF 60

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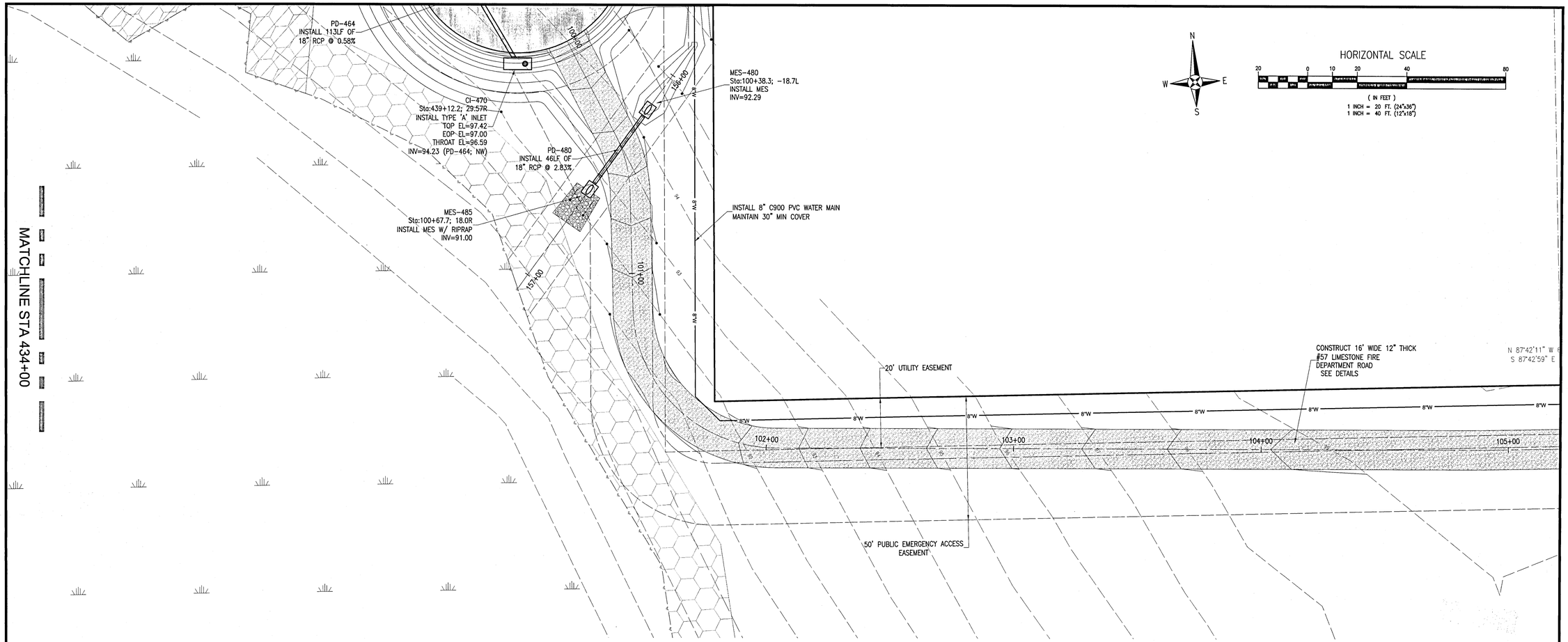
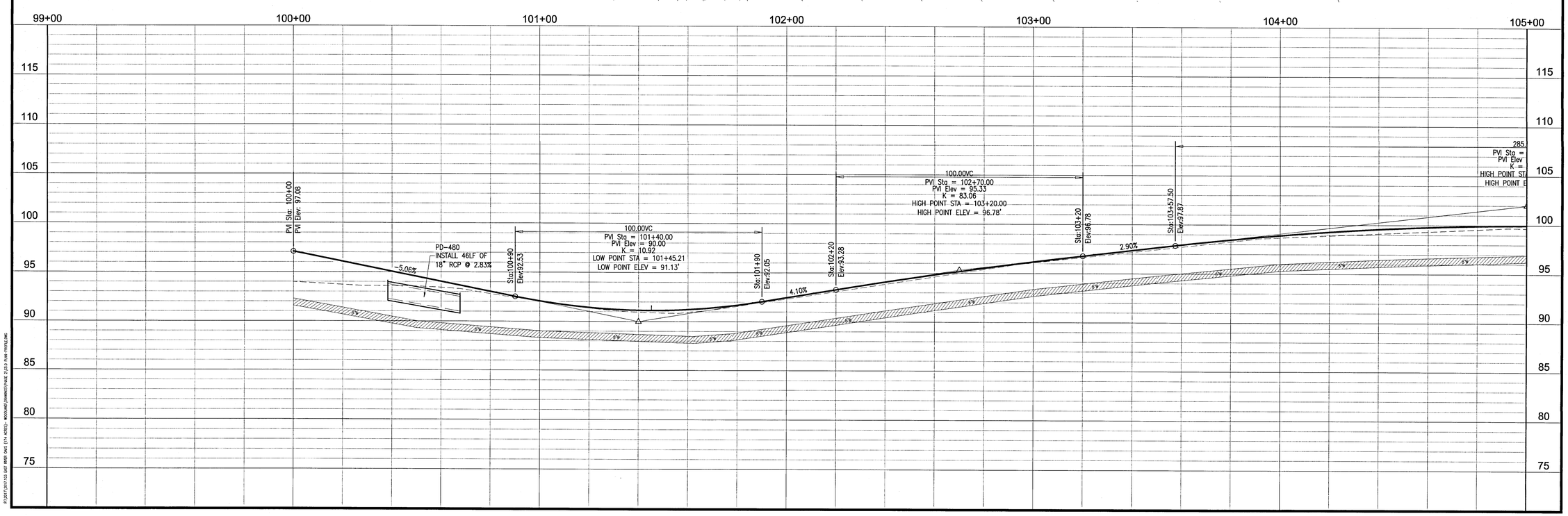
P:\2017\2017.103 EAST RIVER OAKS (174 ACRES) - WOOLARC\DRAWINGS\PHASE 2\C5.5 PLAN-PROFILE.DWG





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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF
7/18/19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C5.6
SHEET --- OF 60

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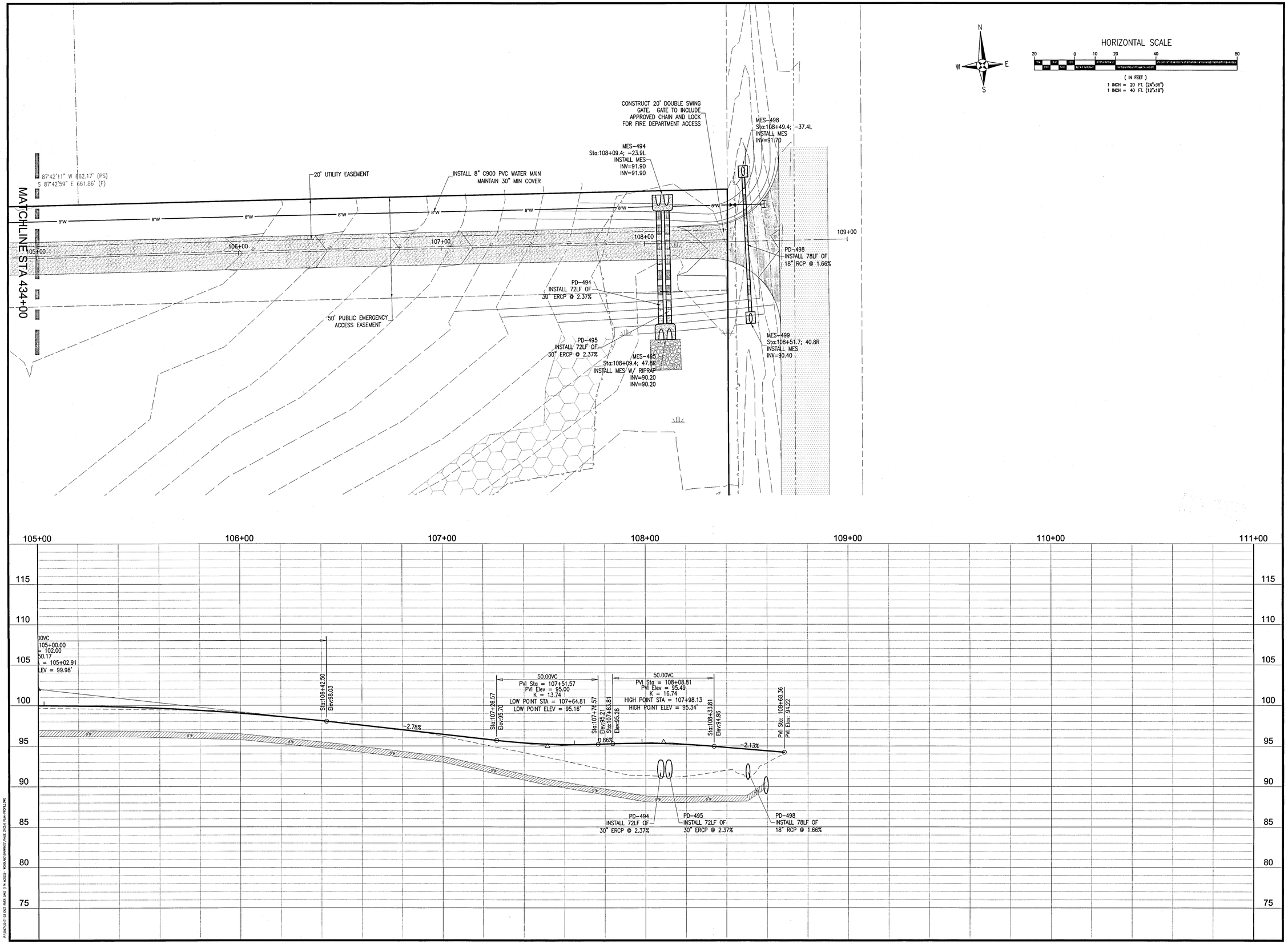
P:\2017\2017.103 SAT IMED (SW) (TA ACES)\- MOSSAIR\DRAWING\PHASE 2\C5.6 PLAN-PROFILE.DWG



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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C5.7
SHEET ---- OF 60

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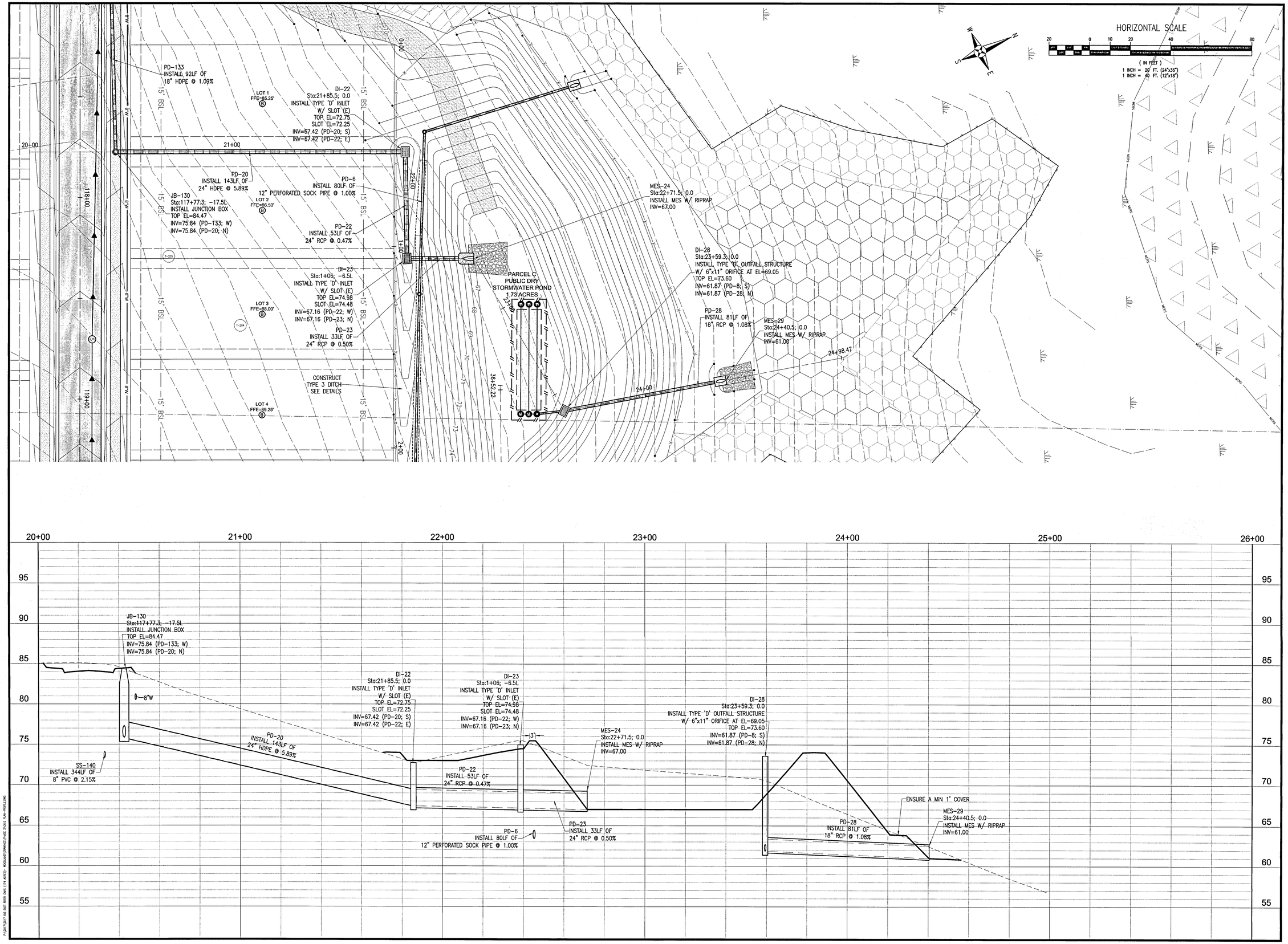

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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.0
SHEET 45 OF 60

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HORIZONTAL SCALE

(IN FEET)
1 INCH = 20' FT. (24"x36")
1 INCH = 40' FT. (12"x18")

LOT 11
FFE=91.25'
A

LOT 9
FFE=91.50'
B

LOT 10
FFE=90.75'
B

LOT 12
FFE=94.50'
A

LOT 11
FFE=90.25'
B

LOT 12
FFE=89.50'
B

PARCEL C
PUBLIC DRY
STORMWATER POND
1.73 ACRES

CI-136
Sta:123+42.3; 14.92R
INSTALL TYPE DOUBLE 'A' INLET
TOP EL=87.72
EOP EL=87.30
THROAT EL=86.89
INV=83.51 (PD-134; NE)

PD-134
INSTALL 30LF OF
24" RCP @ 5.51%

CONSTRUCT TYPE 3 DITCH
GRADE TO DRAIN TOWARDS INLET
SEE DETAILS

PD-31
INSTALL 74LF OF
24" HDPE @ 0.47%

PD-30
INSTALL 45LF OF
24" HDPE @ 0.54%
JB-30
Sta:31+82.9; 0.0
INSTALL JUNCTION BOX
W/ 5'ø BOTTOM
TOP EL=75.00
INV=68.97 (PD-130; S)
INV=68.97 (PD-30; NW)

PD-130
INSTALL 143LF OF
24" HDPE @ 9.02%

CI-134
Sta:13+11.8; 0.00
INSTALL TYPE 'A' INLET
TOP EL=87.72
EOP EL=87.30
THROAT EL=86.89
INV=81.87 (PD-130; N)
INV=81.87 (PD-134; SW)
INV=81.87 (PD-11; SE)

JB-31
Sta:32+27.5; 0.0R
INSTALL JUNCTION BOX
TOP EL=75.00
INV=68.73 (PD-30; SE)
INV=68.73 (PD-31; W)

DI-32
Sta:5+06; -6.5L
INSTALL TYPE 'D' INLET
W/SLOT (E&W)
TOP EL=74.50
SLOT EL=74.00
INV=68.38 (PD-31; E)
INV=68.38 (PD-32; NW)

PD-32
INSTALL 78LF OF
30" RCP @ 0.49%

MES-32
Sta:33+79.1; 0.0
INSTALL MES W/ RIPRAP
INV=68.00

29+00 30+00 31+00 32+00 33+00 34+00 35+00

90 85 80 75 70 65 60 55 50

CI-136
Sta:123+42.3; 14.92R
INSTALL TYPE DOUBLE 'A' INLET
TOP EL=87.72
EOP EL=87.30
THROAT EL=86.89
INV=83.51 (PD-134; NE)

PD-134
INSTALL 30LF OF
24" RCP @ 5.51%

CI-134
Sta:13+11.8; 0.00
INSTALL TYPE 'A' INLET
TOP EL=87.72
EOP EL=87.30
THROAT EL=86.89
INV=81.87 (PD-130; N)
INV=81.87 (PD-134; SW)
INV=81.87 (PD-11; SE)

PD-130
INSTALL 143LF OF
24" HDPE @ 9.02%

JB-30
Sta:31+82.9; 0.0
INSTALL JUNCTION BOX
W/ 5'ø BOTTOM
TOP EL=75.00
INV=68.97 (PD-130; S)
INV=68.97 (PD-30; NW)

JB-31
Sta:32+27.5; 0.0R
INSTALL JUNCTION BOX
TOP EL=75.00
INV=68.73 (PD-30; SE)
INV=68.73 (PD-31; W)

DI-32
Sta:5+06; -6.5L
INSTALL TYPE 'D' INLET
W/SLOT (E&W)
TOP EL=74.50
SLOT EL=74.00
INV=68.38 (PD-31; E)
INV=68.38 (PD-32; NW)

PD-30
INSTALL 45LF OF
24" HDPE @ 0.54%

PD-31
INSTALL 74LF OF
24" HDPE @ 0.47%

PD-32
INSTALL 78LF OF
30" RCP @ 0.49%

MES-32
Sta:33+79.1; 0.0
INSTALL MES W/ RIPRAP
INV=68.00

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EB #0000687

PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.1
SHEET 46 OF 60

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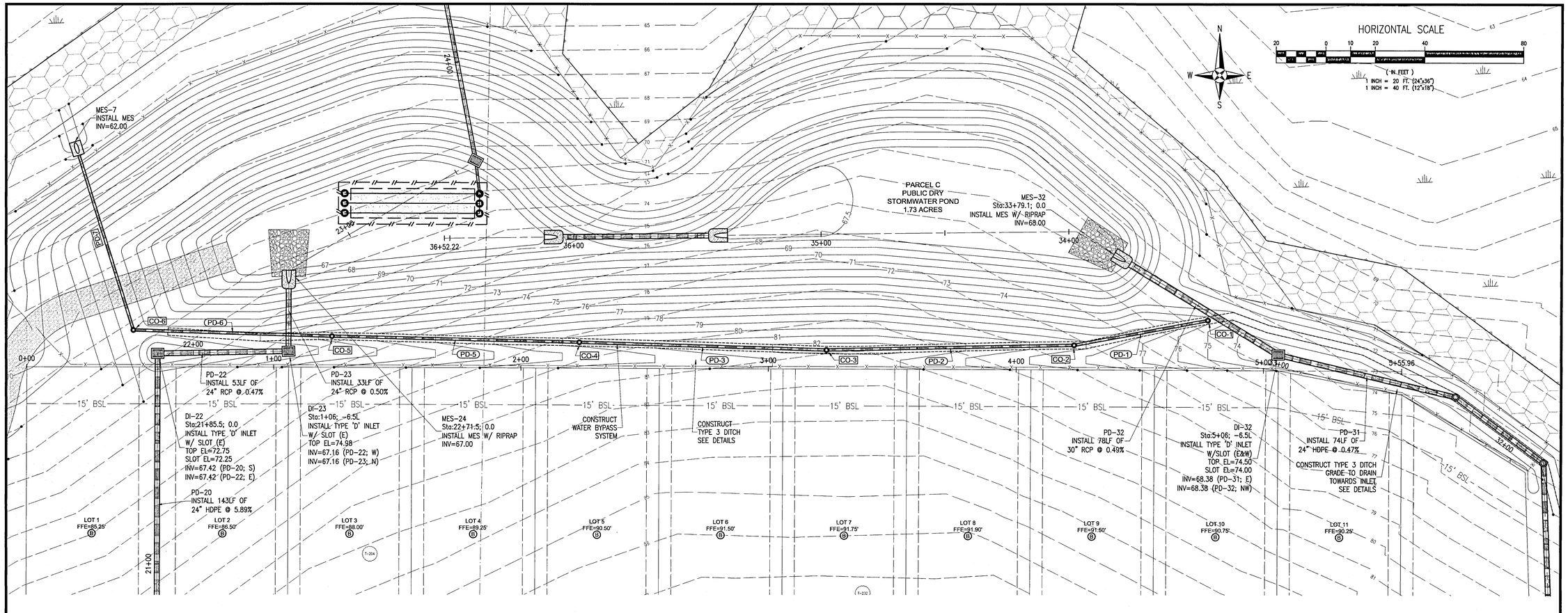
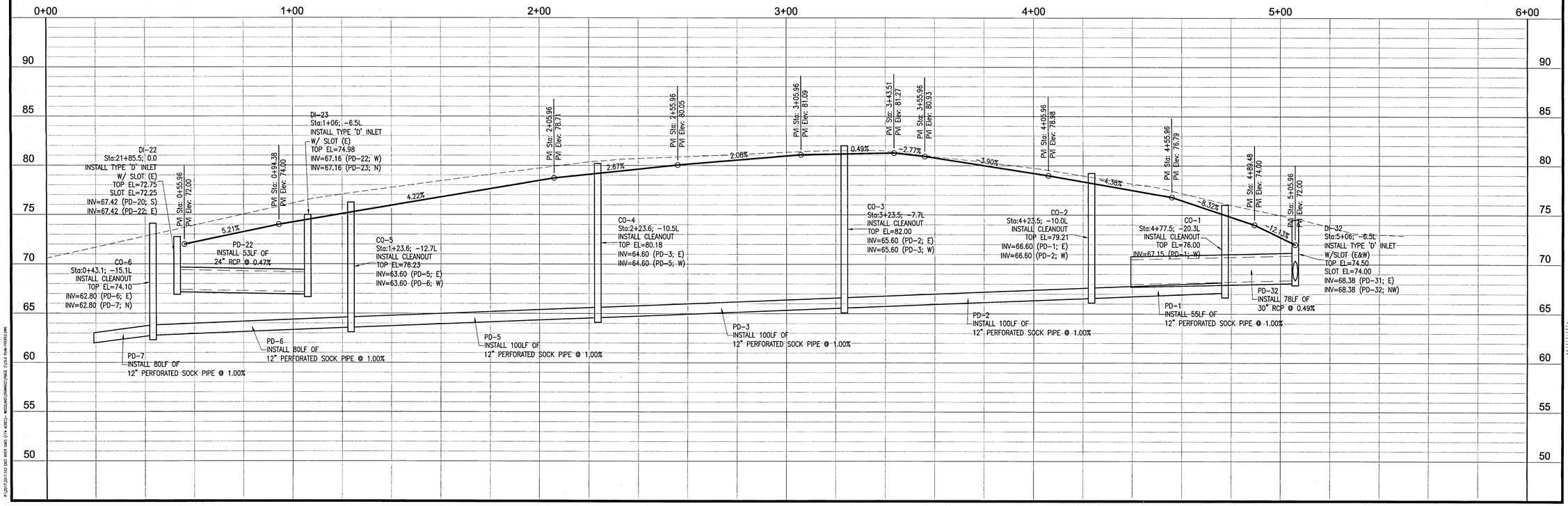
P:\2017\2017.103 SAT BASE (dwg, 11 x 24(D))- MASSAR\DRAWINGS\PHASE 2\C6.6 PLAN-PROFILE.DWG





P:\2017\2017.103 DOT BIKE ORIC (174 ACRES)- WOODLAND\DRAWINGS\PHASE 2\C6.0 PLAN-PROFILE.DWG

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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
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STATE OF
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.2
SHEET 47 OF 60

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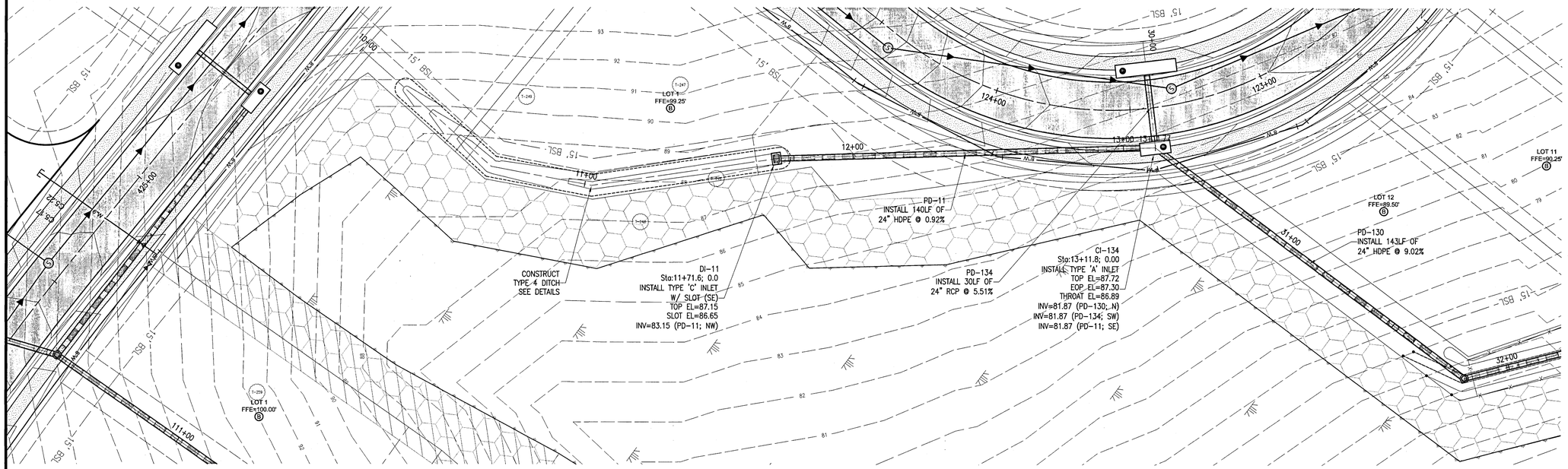
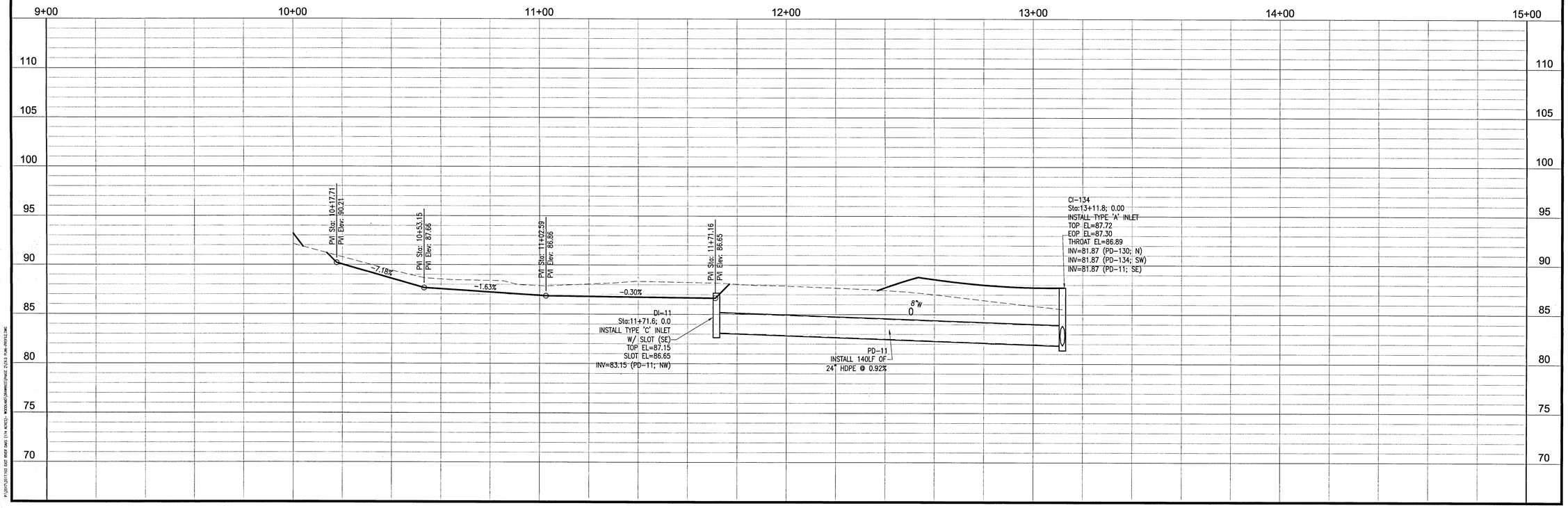
HORIZONTAL SCALE

20 0 10 20 40 80

(IN FEET)
1 INCH = 20 FT. (24"x36")
1 INCH = 40 FT. (12"x18")





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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C6.3
SHEET 48 OF 60

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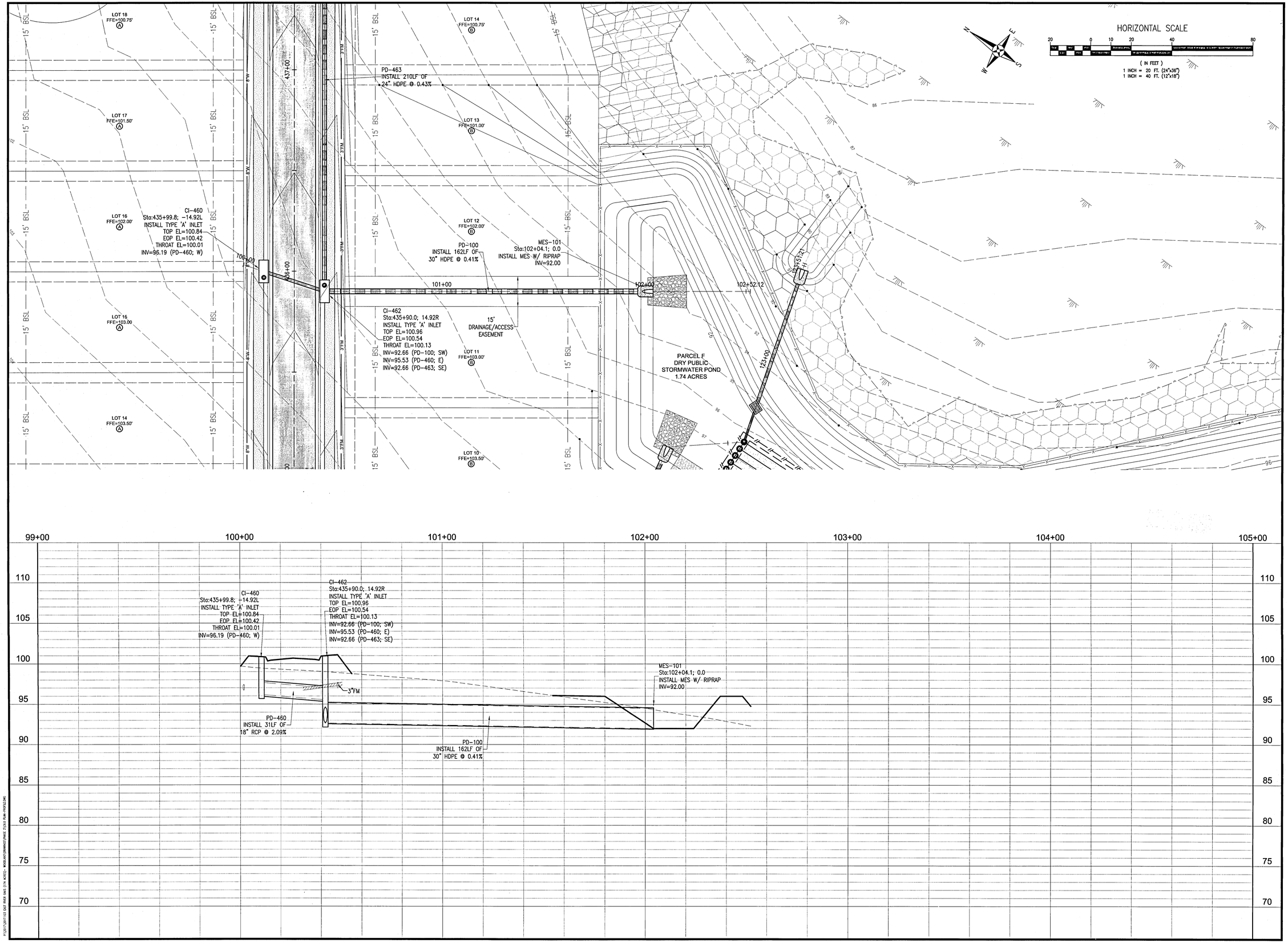
P:\2017\2017.103 SDD BASE DWG (CIVIL #2023)\--- WORKING\DRAWINGS\PAGE 2\C6.3 PLAN-PROFILE.DWG



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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.4
SHEET 49 OF 60

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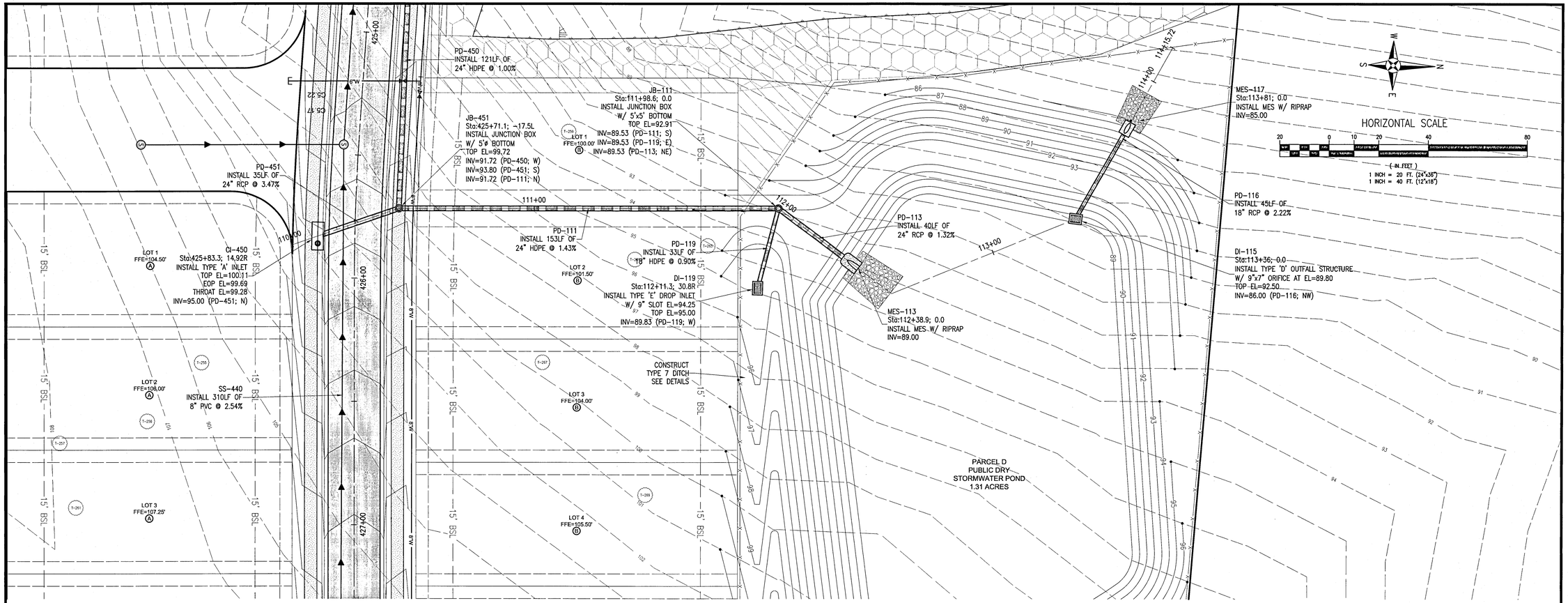

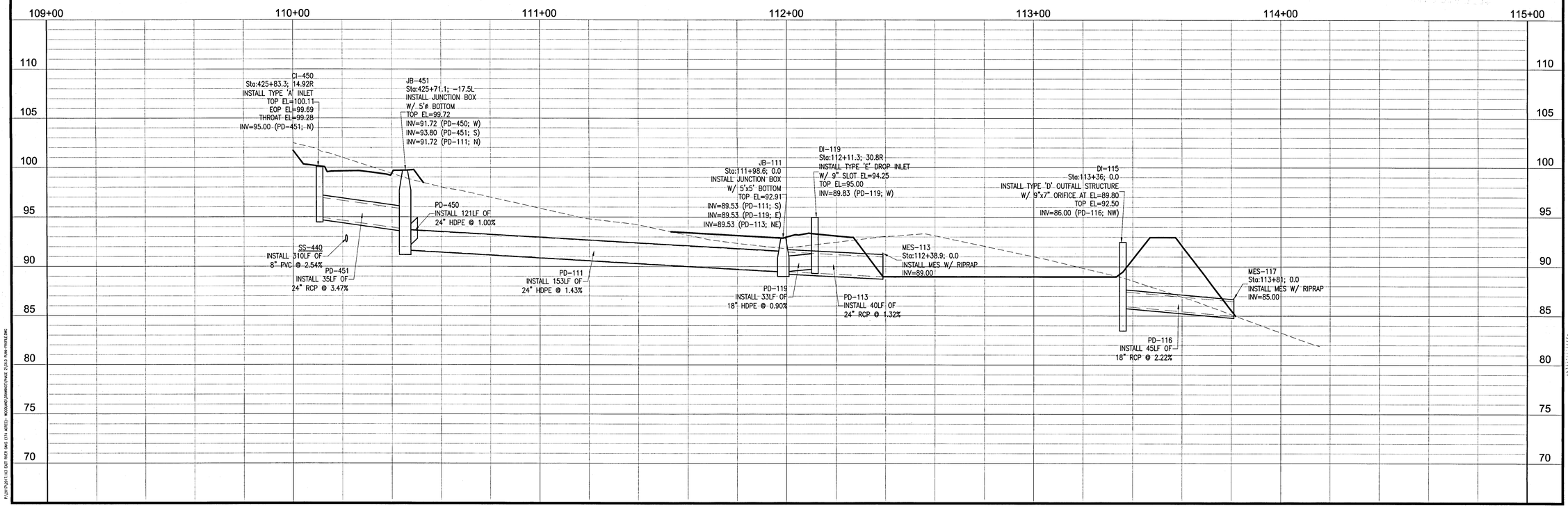

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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
No. 76144
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.
C6.5
SHEET 50 OF 60

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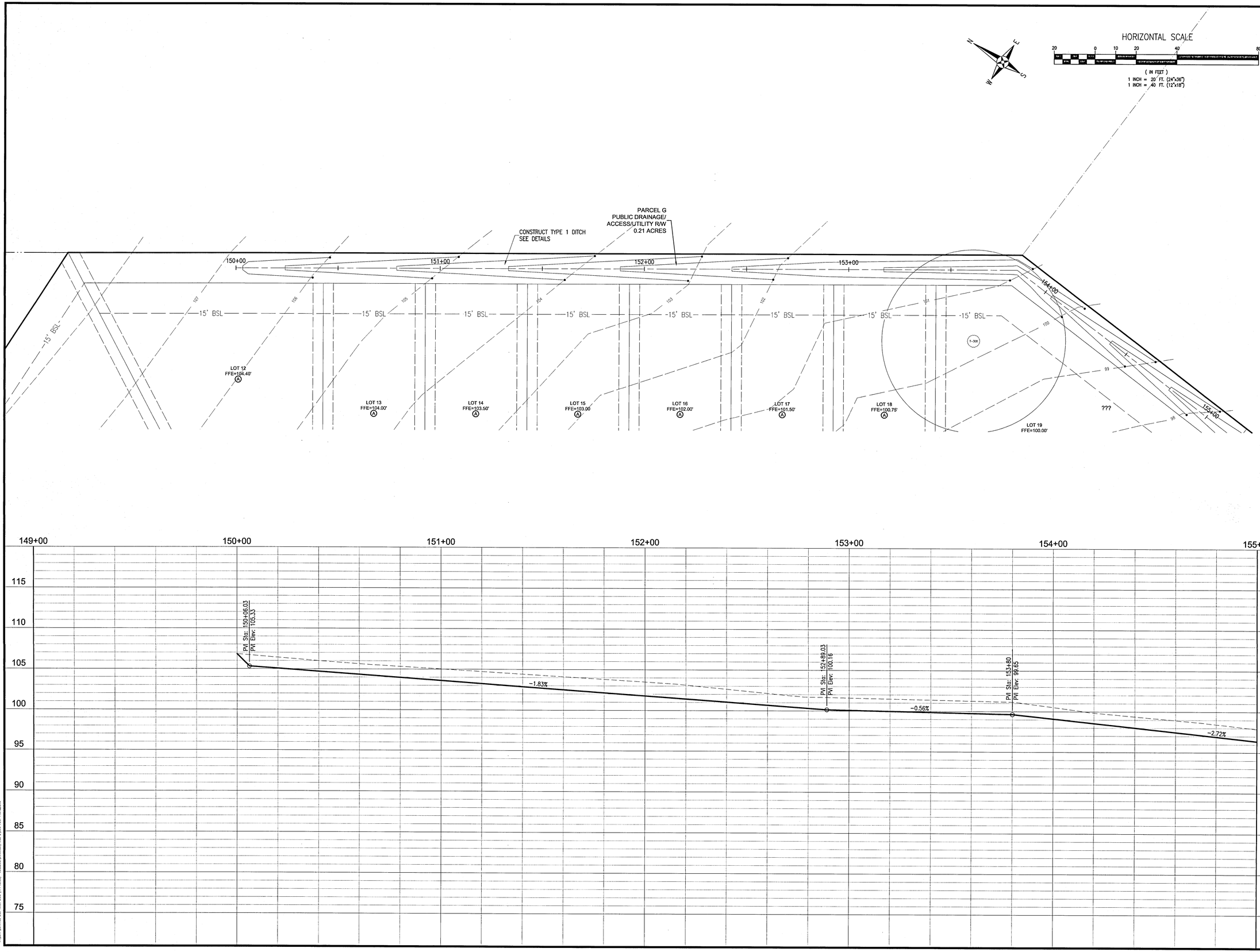
P:\2017\2017.103 DOT BOX (WO, 17 ACRES)\~ ROOSAVE\DRAWINGS\PHASE 2\C6.5 PLAN-PROFILE.DWG



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Telephone 850.438.0400 Fax 850.438.0448
EB 00009657

PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.6
SHEET 51 OF 60

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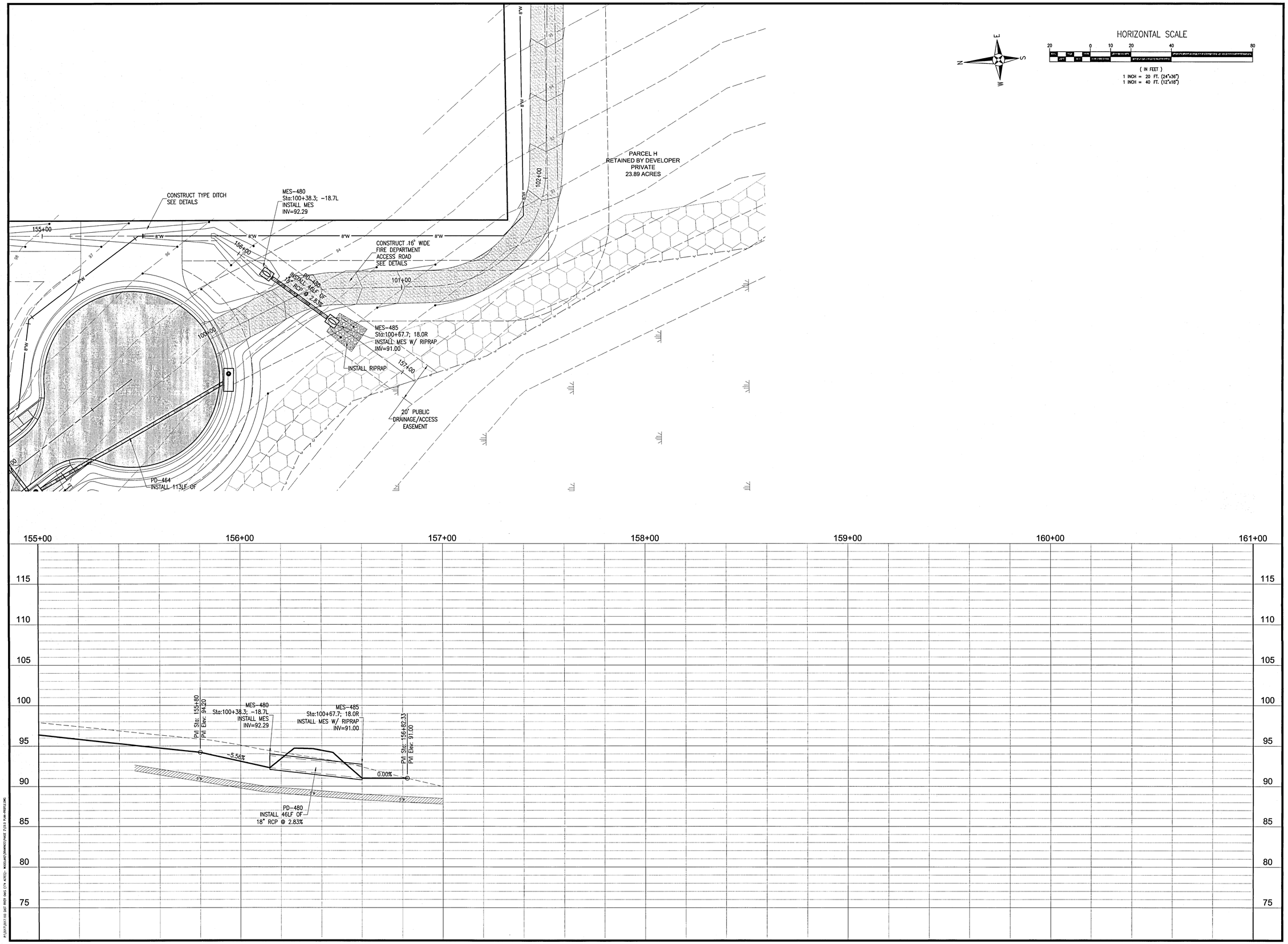

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Pensacola, Florida 32503
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PLAN & PROFILES

Fallschase at Pathstone
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No.	DATE	REVISION

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

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

DRAWING No.
C6.7
SHEET 52 OF 60

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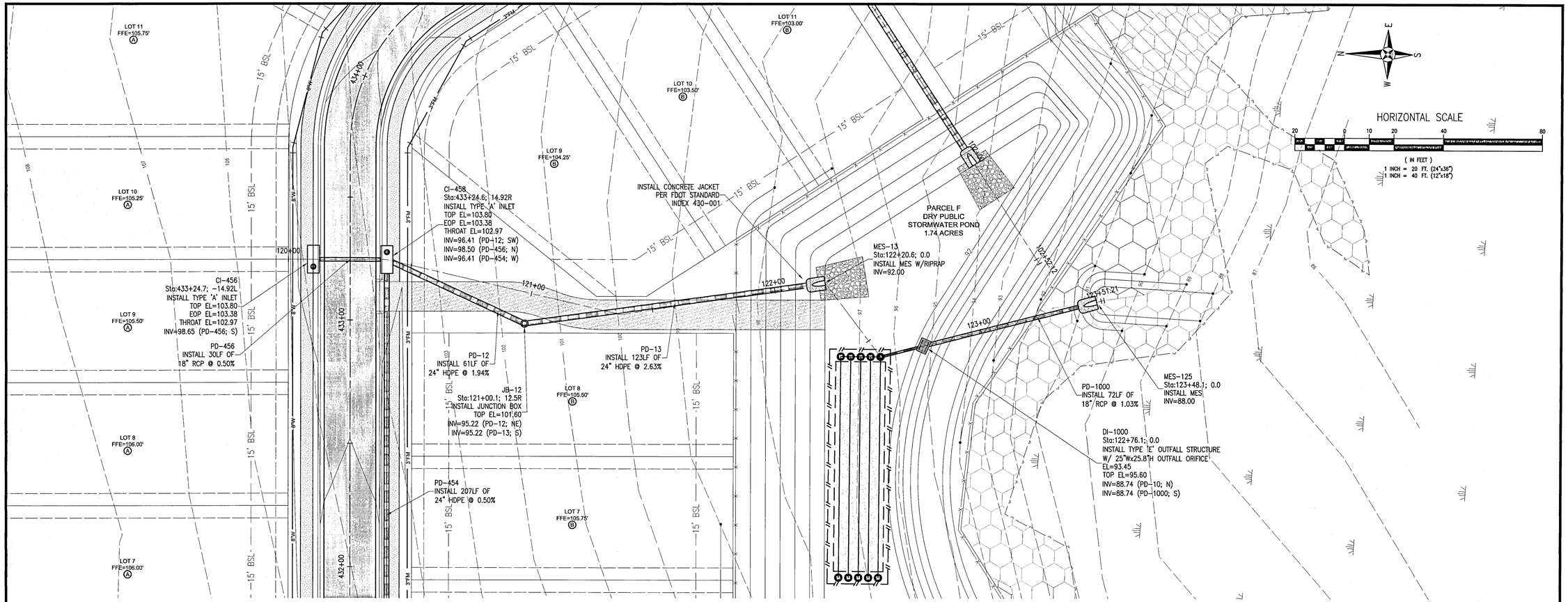

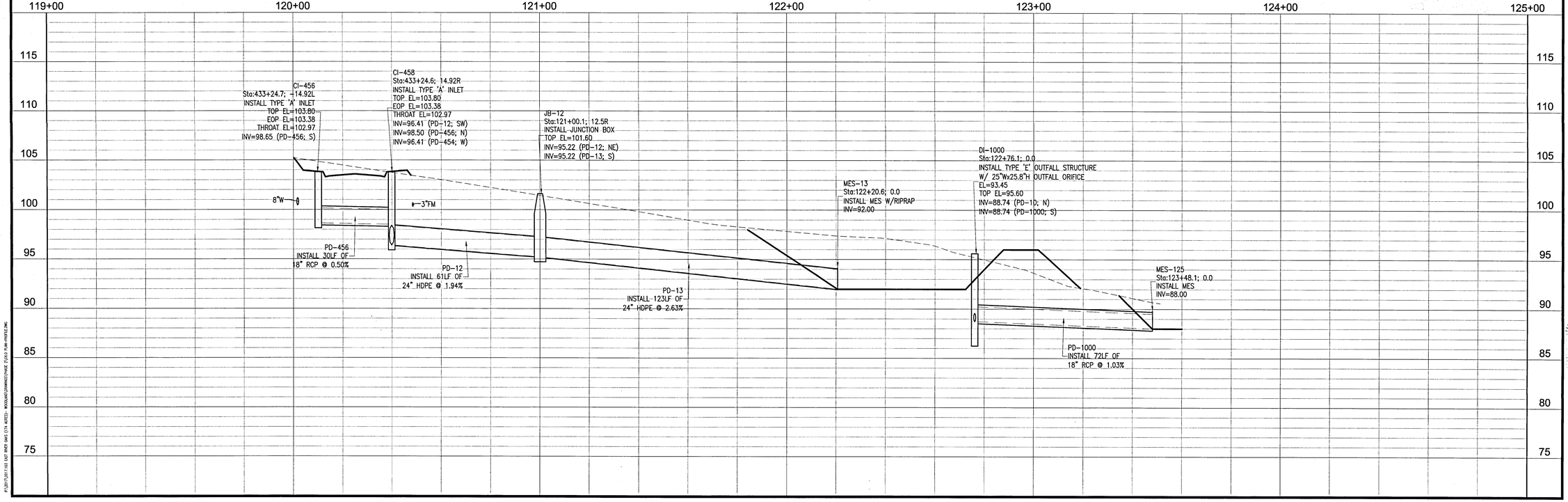

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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7/18/19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.8
SHEET 53 OF 60

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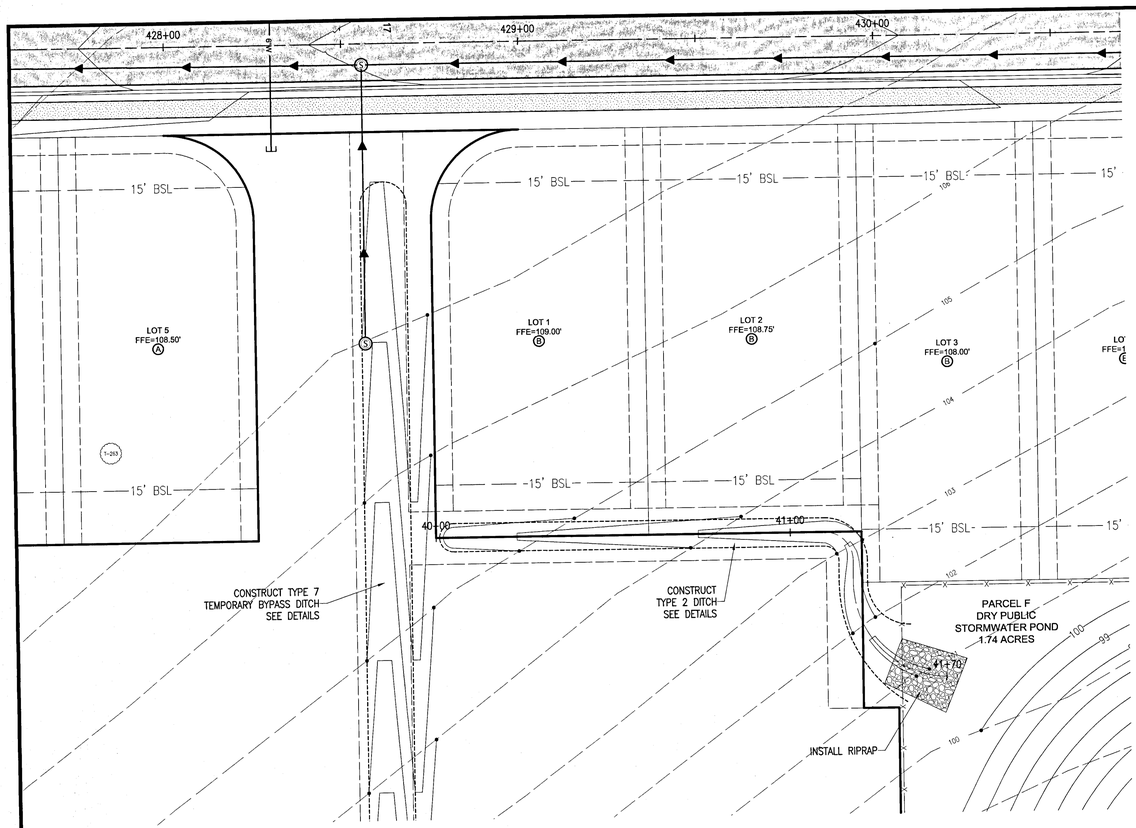
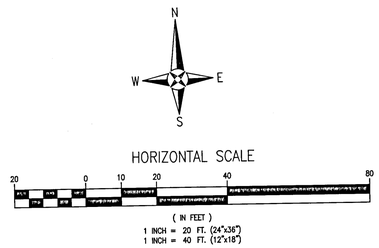
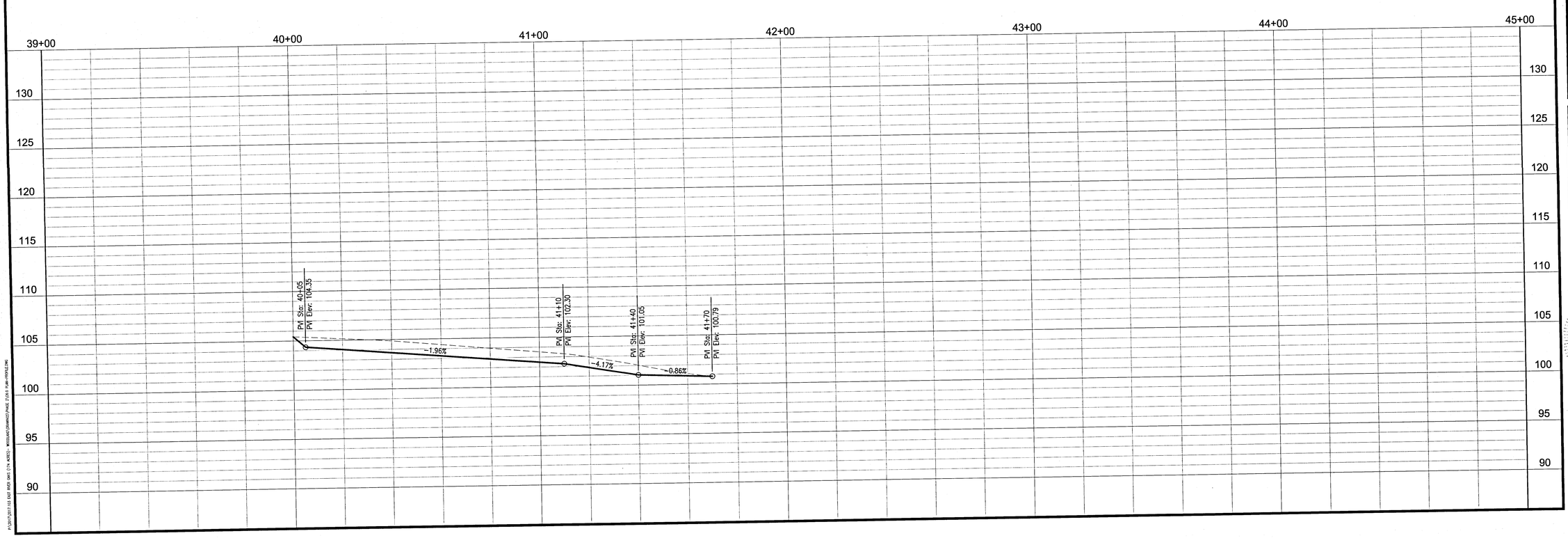
P:\2017\2017.103 1ST INVT DWG (11x ACES)- MXXXAVR\DRAWINGS\PHASE 2\C6.8 PLAN-PROFILE.DWG







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Telephone 850.438.0400 Fax 850.438.0448
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PLAN & PROFILES

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C6.9
SHEET 54 OF 60

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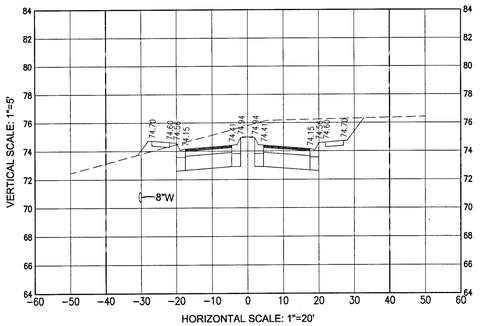
P:\2017\2017.103 EAR PROF SHT (11x17).MCD, 7/18/2019 8:48:09 AM, CBD



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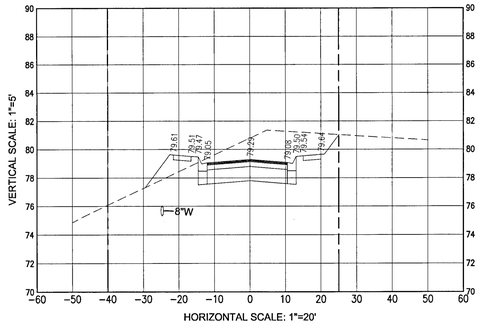

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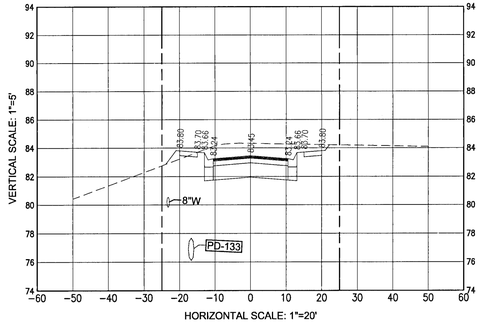

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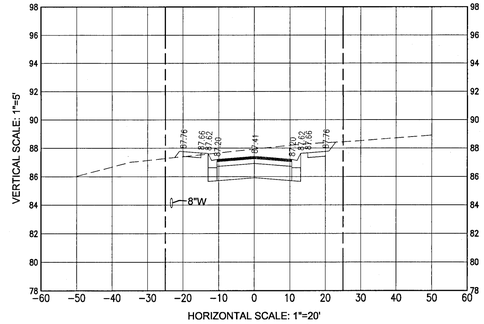

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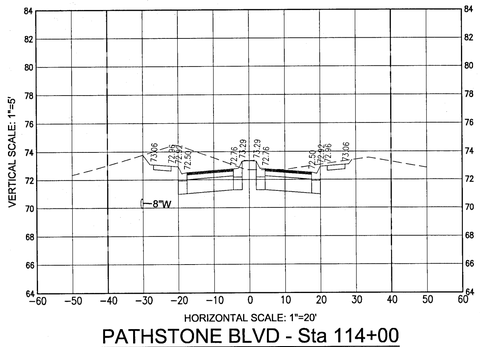

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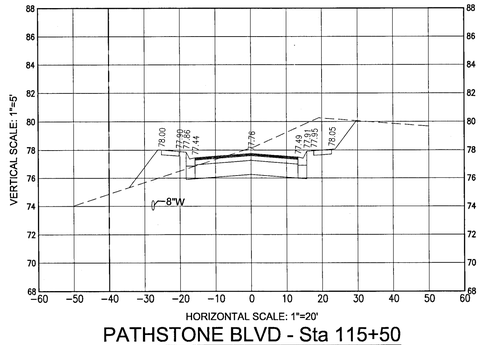

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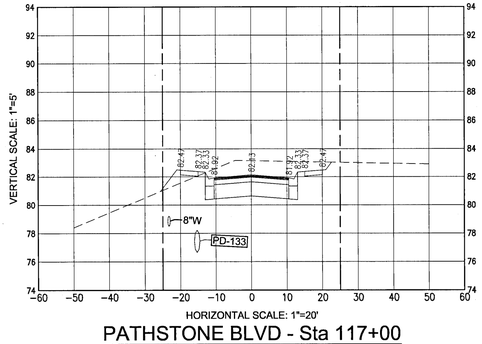

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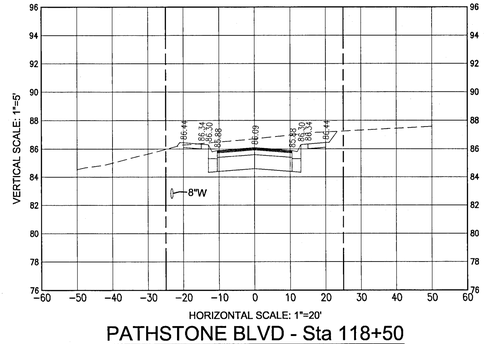

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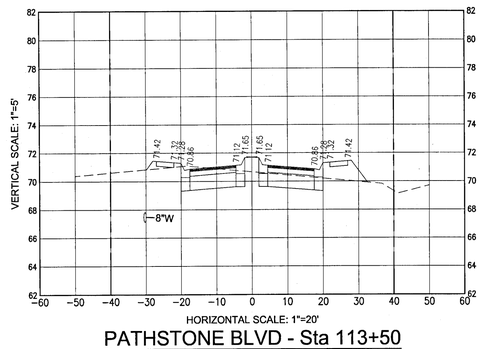

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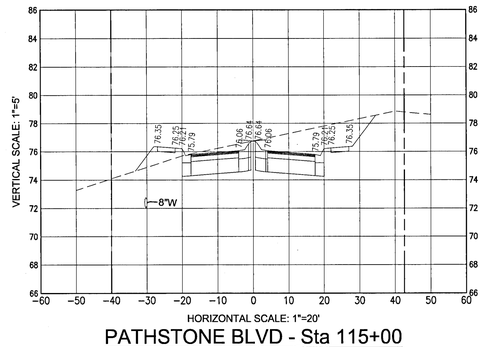

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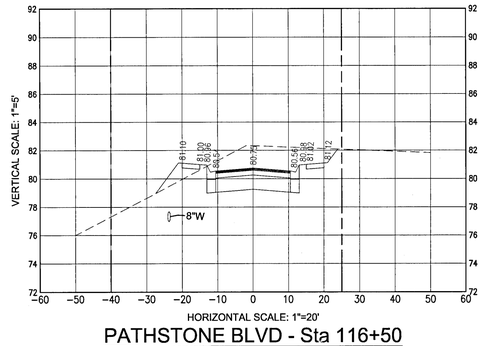

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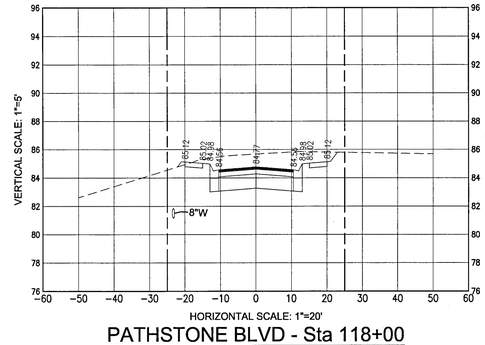

PATHSTONE BLVD - Sta 118+00

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EB 0000957

CROSS SECTIONS

Fallschase at Pathstone
Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF FLORIDA
JEREMY R. KING, P.E.
No.76144
7-18-19

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

DRAWING No.
C7.0
SHEET 55 OF 60

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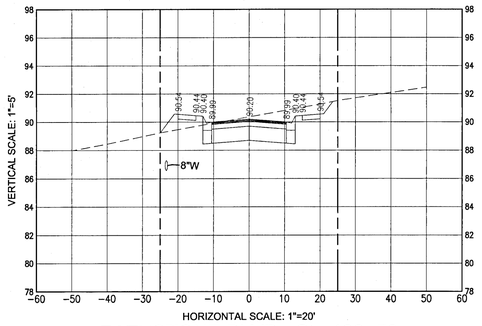
X:\2017\2017.103 DEP REV DWG (11x 42SS) - PW\XREF\PAVING\PHASE 2\C7.0 CROSS SECTIONS.DWG



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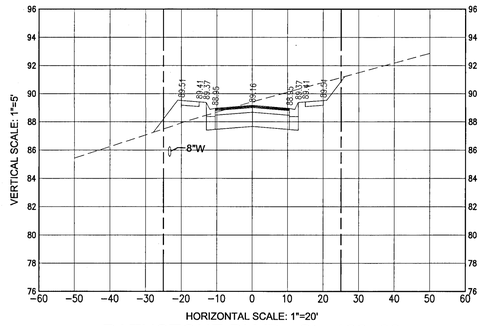

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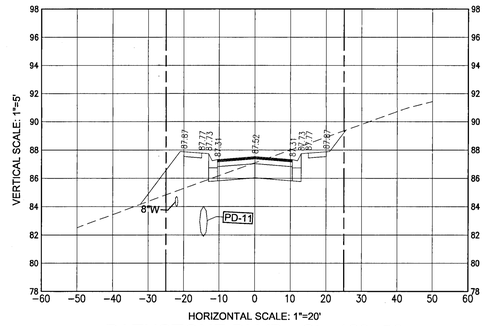

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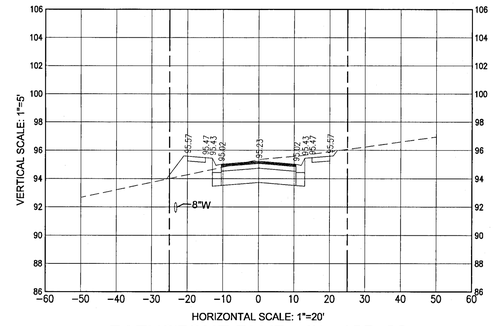

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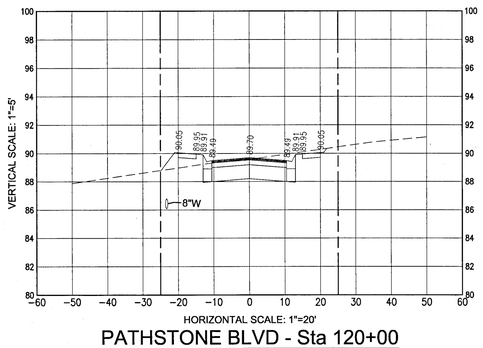

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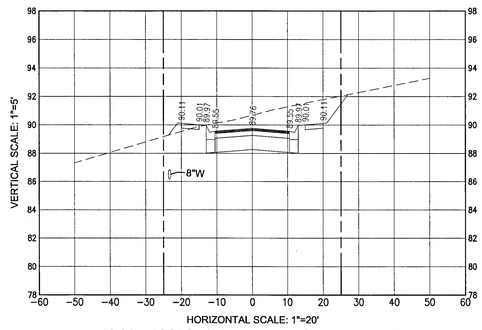

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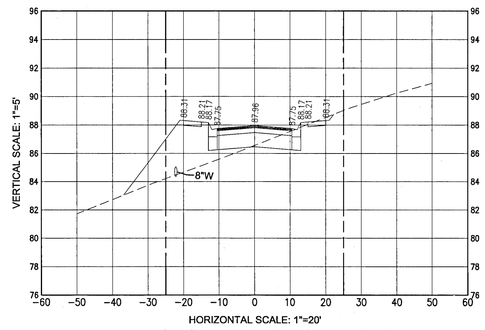

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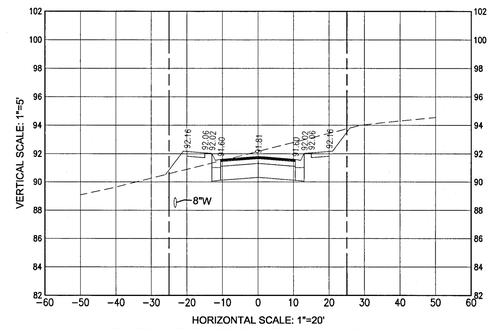

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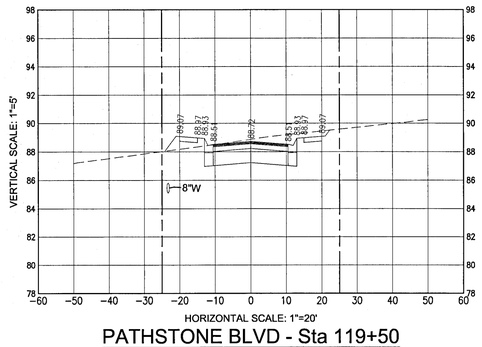

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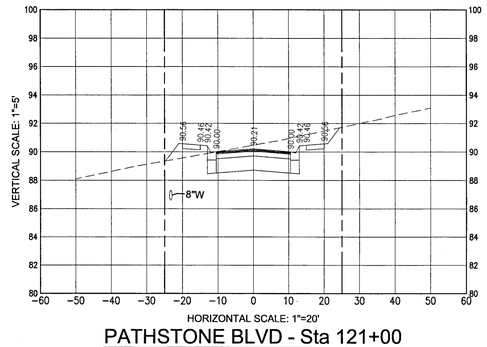

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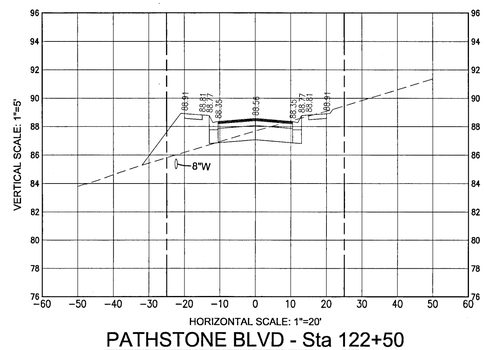

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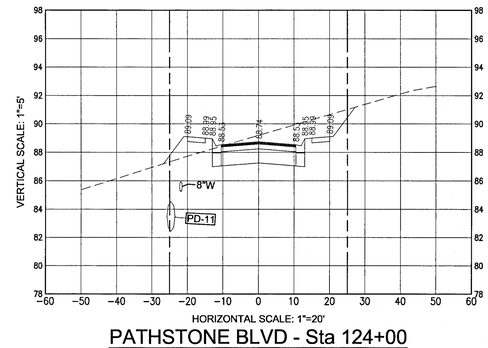

PATHSTONE BLVD - Sta 124+00

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Civil and Environmental Engineers
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Telephone 850.438.0400 Fax 850.438.0448
EB 0000682

CROSS SECTIONS

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.

C7.1
SHEET 56 OF 60

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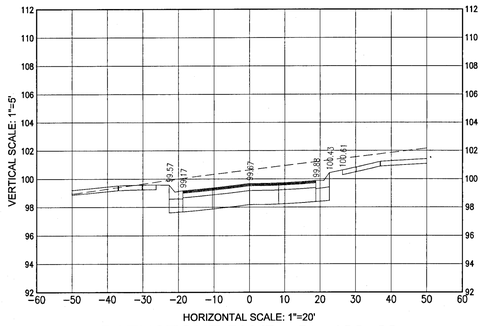
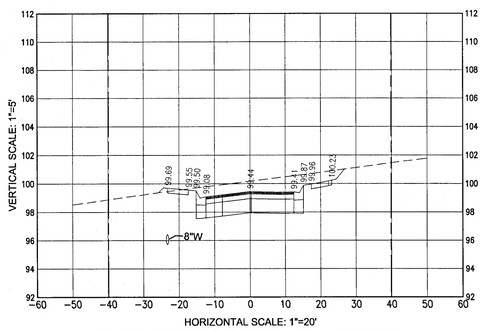
P:\2017\2017.103 DEP PHSE ONE (3)\4_ACAD\3- WORK\WD\DRAWING\PHASE_2\C7.0_CROSS SECTIONS.DWG



PATHSTONE BLVD - Sta 126+09



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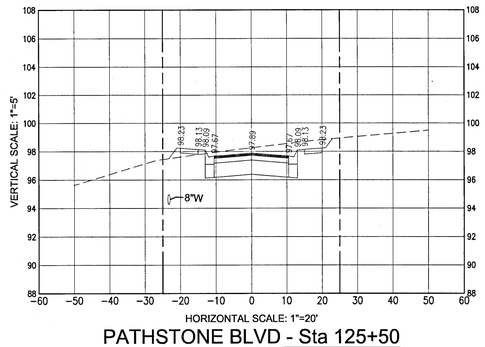

PATHSTONE BLVD - Sta 125+50

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Civil and Environmental Engineers
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Pensacola, Florida 32503
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CROSS SECTIONS

Fallschase at Pathstone
Phase 2
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ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
STATE OF
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C7.2
SHEET 57 OF 60

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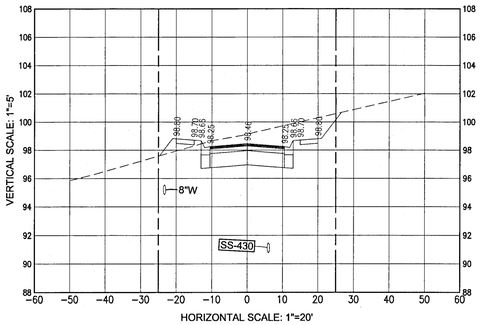
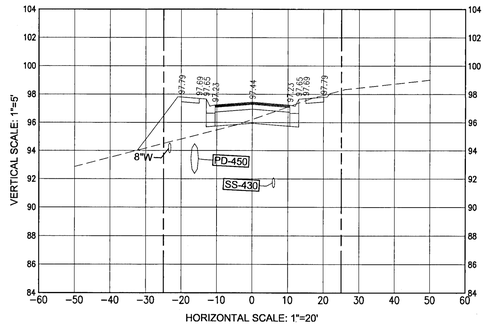
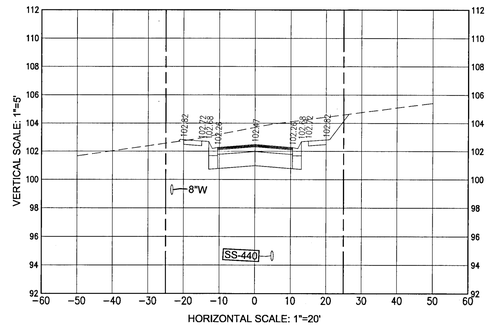


FALLSCHASE BLVD - Sta 423+50



FALLSCHASE BLVD - Sta 425+00



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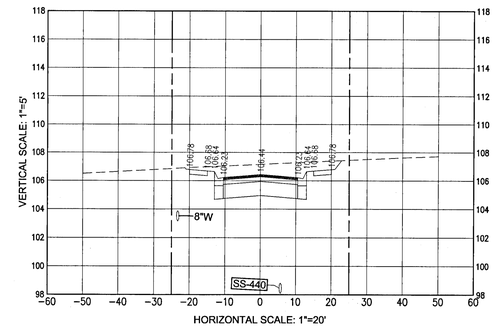
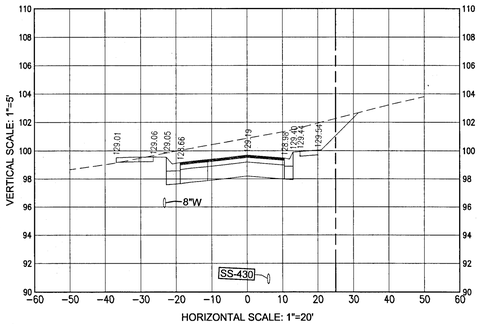
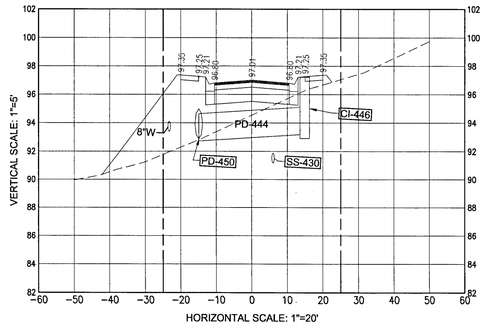


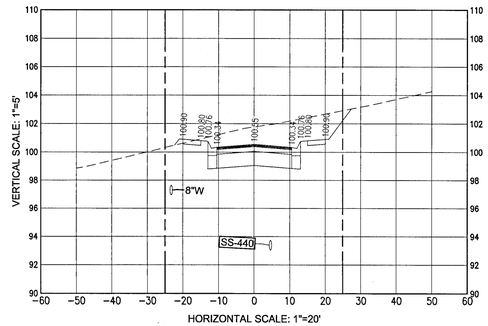
FALLSCHASE BLVD - Sta 428+00



FALLSCHASE BLVD - Sta 423+00



FALLSCHASE BLVD - Sta 424+50



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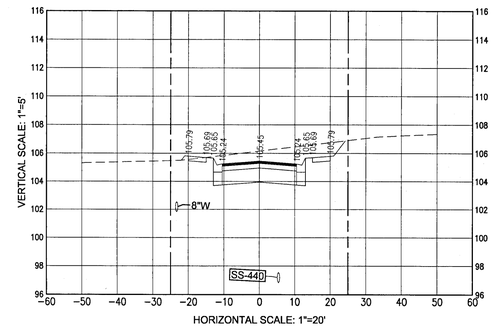

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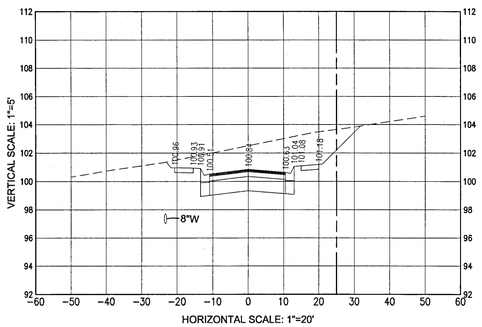
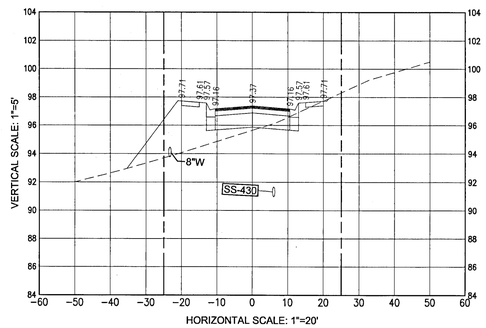


FALLSCHASE BLVD - Sta 422+50



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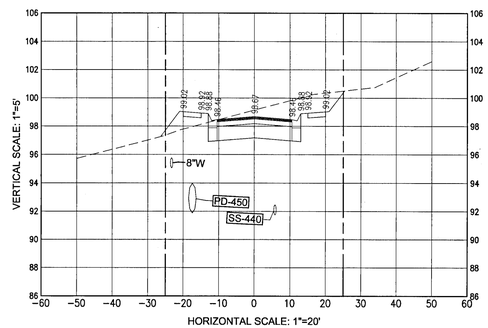

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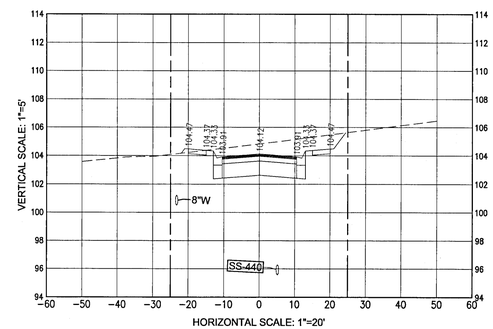

FALLSCHASE BLVD - Sta 427+00

REBOL-BATTLE & ASSOCIATES
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Pensacola, Florida 32503
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CROSS SECTIONS

Fallschase at Pathstone Phase 2
A 76 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING
LICENSED
PROFESSIONAL ENGINEER
STATE OF FLORIDA
7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C7.3
SHEET 58 OF 60

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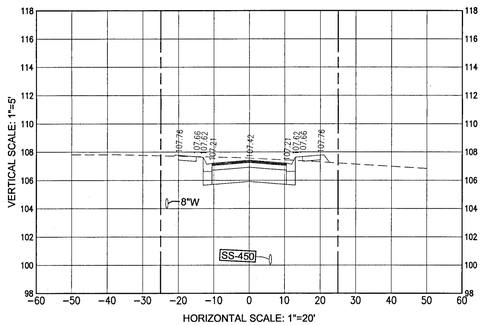
P:\2017\2017-103 EAST RIVER OAKS (17A ARTZ)\-- WORK\ACD\DRAWINGS\PHASE 2\C7.3 CROSS SECTIONS.DWG



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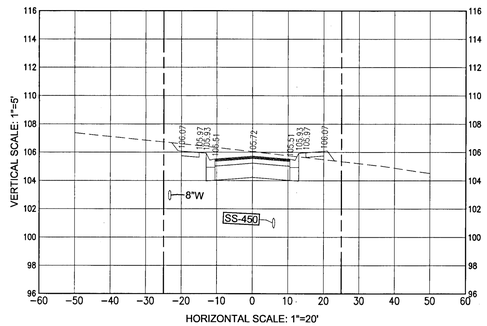

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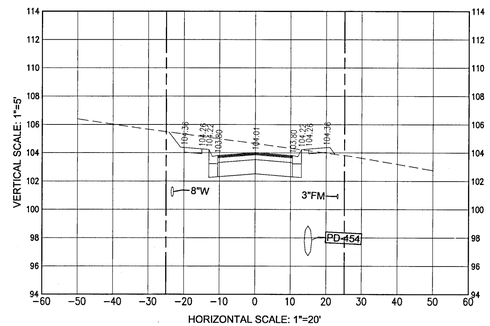

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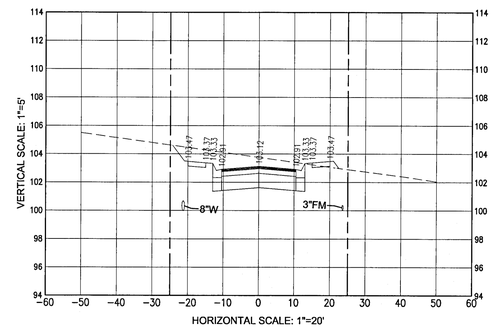

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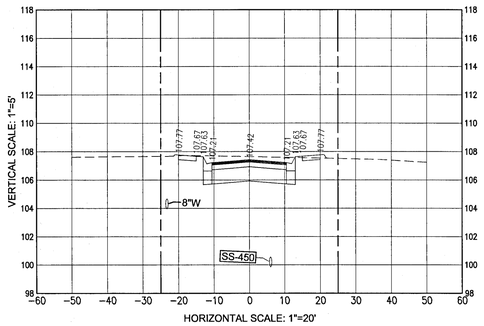

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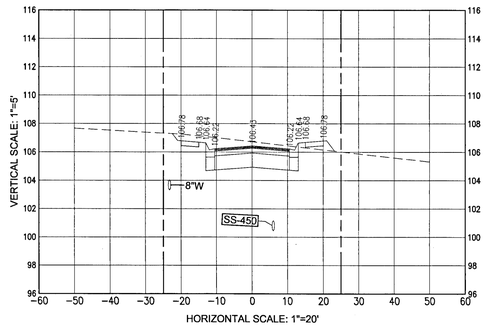

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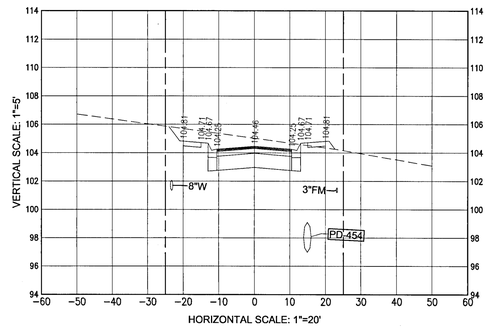

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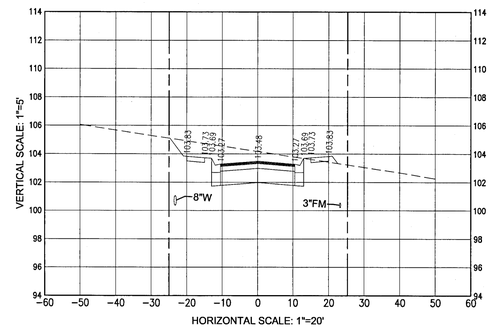

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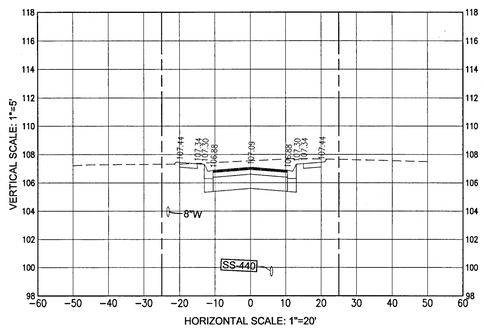

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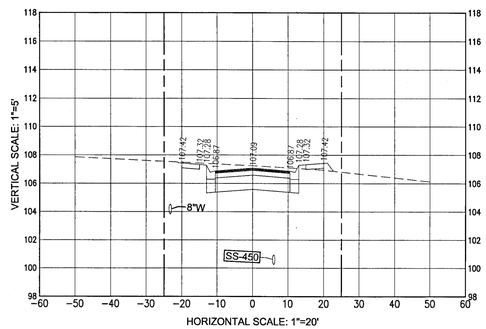

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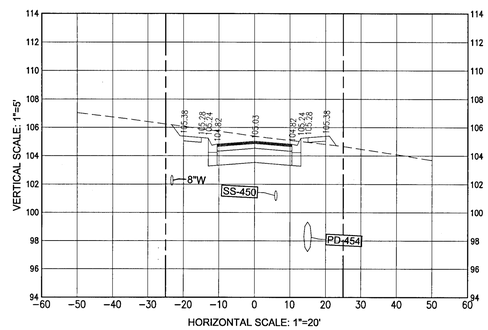

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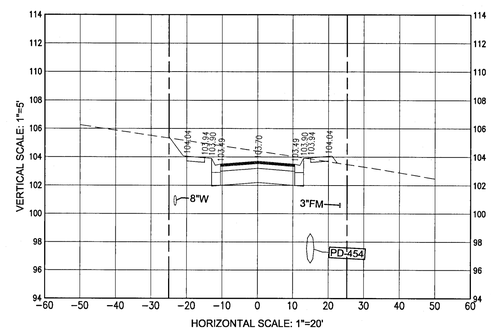

FALLSCHASE BLVD - Sta 433+00

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Pensacola, Florida 32503
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CROSS SECTIONS

Fallschase at Pathstone
Phase 2
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ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

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7-18-19
JEREMY R. KING, P.E.
No.76144

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

DRAWING No.
C7.4
SHEET 59 OF 60

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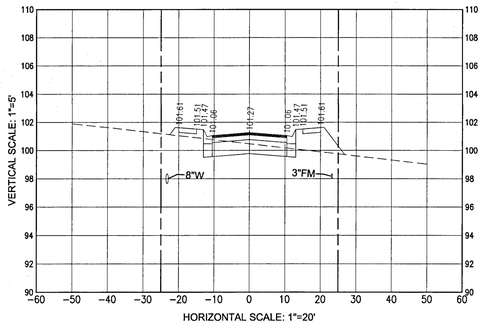

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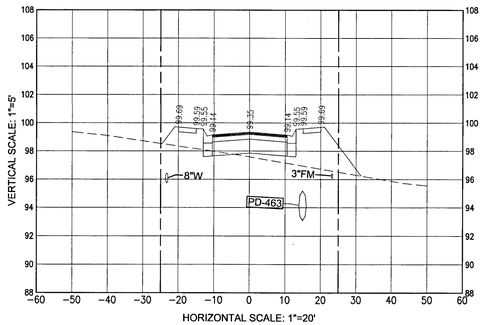

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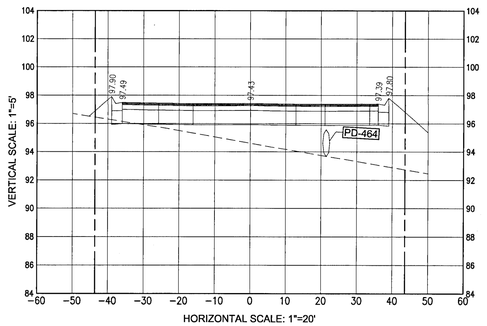

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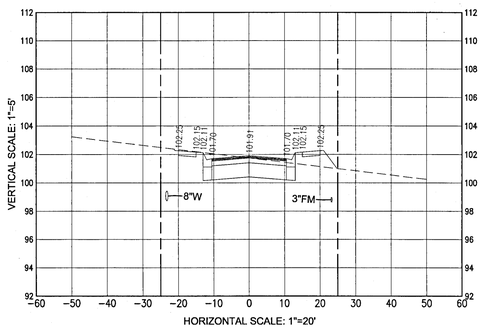

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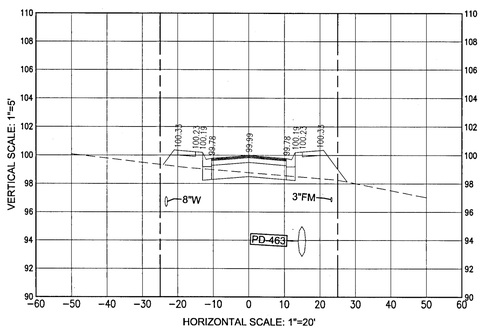

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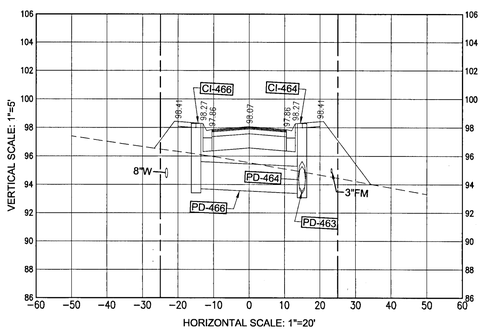

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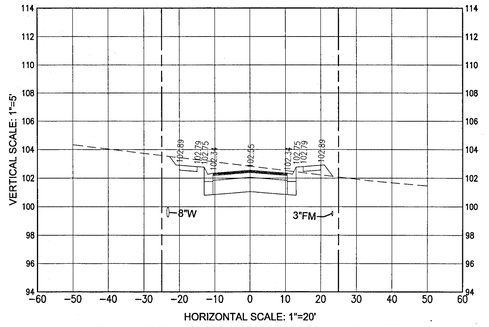

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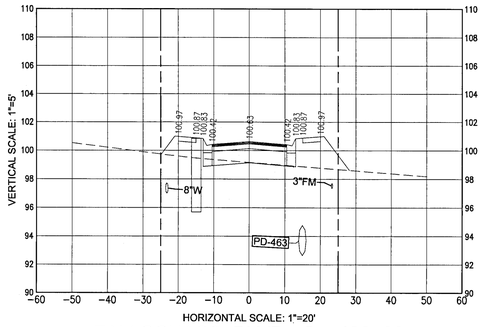

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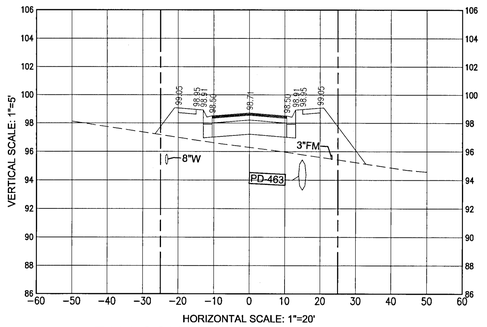

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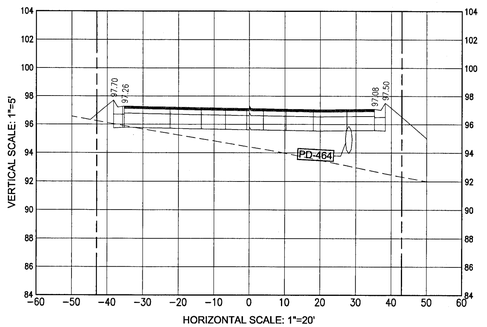

FALLSCHASE BLVD - Sta 439+00

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Job No.: 2017.103
Date: 7/18/2019

DRAWING No.
C7.5
SHEET 60 OF 60

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