

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

PROFESSIONAL SURVEYOR AND MAPPER

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PENSACOLA, FL 32503  
TELEPHONE 850.438.0400

CIVIL ENGINEER  
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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
MINOR SUBDIVISION PROJECT No.	18113794PSD-MSD
PROPERTY REFERENCE NO:	10-1S-31-1401-003-002
PROPERTY ADDRESS:	EAST RIVER OAKS DRIVE
PROPERTY AREA:	9.53 ACRES
PROJECT AREA:	8.64 ACRES
PROPERTY ZONING:	COMMERCIAL
FUTURE LAND USE:	MU-U
PROPOSED ACTIVITY:	COMMERCIAL SUBDIVISION
REQUIRED BUILDING SETBACKS COMMERCIAL:	FRONT YARD - 15 FT. SIDE YARD - 10 FEET OR 10% OF LOT WIDTH AT STREET R/W WHICHEVER IS LESS BUT NOT LESS THAN 5' REAR YARD - 15 FT.

FEMA FLOOD INSURANCE RATE MAP INFORMATION

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

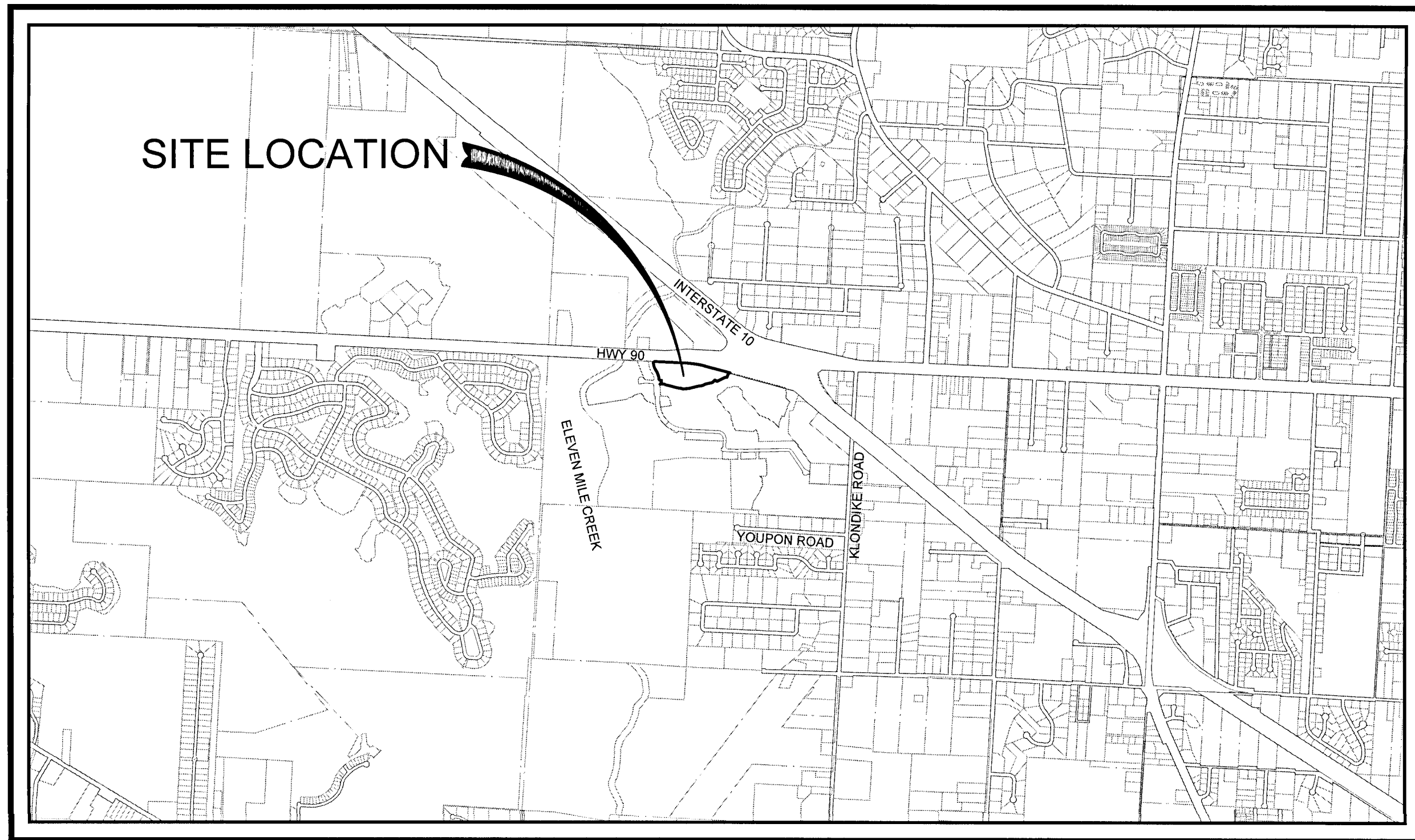
FLOOD ZONE(S)	COMMUNITY No.	MAP No.	PANEL No.	SUFFIX	MAP REVISION DATE
X	120080	12033C	290	G	SEPT 29, 2006

FLOOD NOTE: BY GRAPHIC PLOTTING ONLY; THE PROPERTY SHOWN HEREON LIES IN ZONE X AS PER THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE FOR ESCAMBIA COUNTY, FLORIDA; SEE COMMUNITY PANEL NO. 12033C 0290 G; WHICH BEARS A MAP REVISED DATE OF SEPTEMBER 29, 2006.

CONTACTS

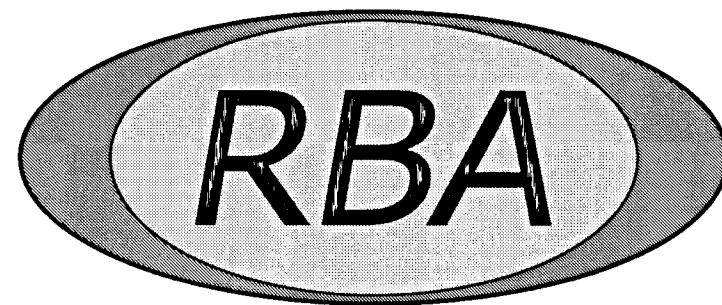
GULF POWER 5120 DOGWOOD DRIVE MILTON, FLORIDA 32570	CONTACT: CHAD SWAILS PHONE: 850.429.2446 FAX: 850.429.2432
COX CABLE 3405 McLEMORE DR. PENSACOLA, FLORIDA 32514	CONTACT: TROY YOUNG PHONE: 850.857.4510 FAX: 850.475.0621
ECUA 9255 STURDEVANT ST. PENSACOLA, FLORIDA 32514	CONTACT: JACOB KEARLEY, P.E.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

# CONSTRUCTION PLANS FOR FALLSCHASE AT PATHSTONE COMMERCIAL SUBDIVISION A 5 LOT SUBDIVISION EAST RIVER OAKS DRIVE ESCAMBIA COUNTY, FLORIDA November 17, 2021



VICINITY MAP

SCALE: 1" = 2000'



## REBOL-BATTLE & ASSOCIATES

Civil Engineers and Surveyors

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EB 00009657 LB 7916

DRAINAGE FEE

Imperv. Surf. 32046.0 Sq ft

Stormwater Ret. 1.00 % (F)

Total Drainage Fee \$ 1,602.30

Pond Maint. Fee: MSBU

**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 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*

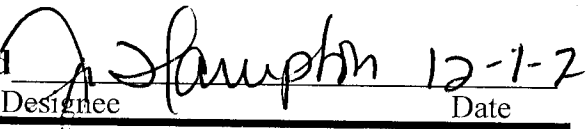
\*PROJECT MANUALS USED ONLY WITH ECUA CIP PROJECTS

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

Approved:   
Designee: \_\_\_\_\_ Date: 12-1-21

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.

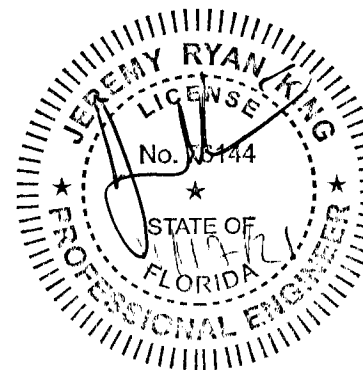
## LEGAL DESCRIPTION

DESCRIPTION: (PREPARED BY REBOL-BATTLE & ASSOCIATES)

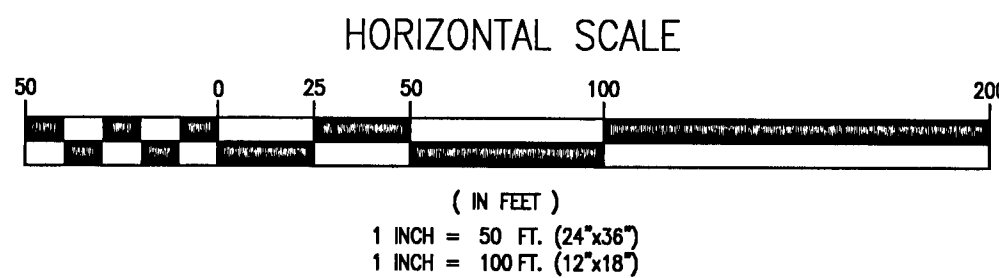
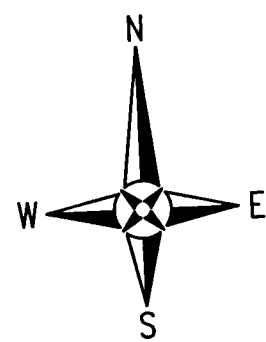
BEGIN AT THE NORTHEAST CORNER OF FALLSCHASE AT PATHSTONE PHASE 1; THENCE PROCEED SOUTH 87°10'16" EAST ALONG SOUTH (R/W) LINE OF WEST NINE MILE ROAD (STATE ROAD NUMBER 10; R/W VARIES) FOR A DISTANCE OF 582.49 FEET TO THE SOUTH R/W LINE OF INTERSTATE 10 ON RAMP; THENCE DEPARTING SAID SOUTH R/W LINE OF NINE MILE ROAD PROCEED SOUTH 0°42'58" WEST ALONG SAID SOUTH R/W LINE OF INTERSTATE 10 FOR A DISTANCE OF 2.88 FEET TO A NON-TANGENT POINT ON A CIRCULAR CURVE BEING CONCAVE TO THE SOUTH SAID CURVE HAVING A RADIUS OF 1526.92 FEET AND A DELTA ANGLE OF 10°56'44"; THENCE PROCEED EASTERLY ALONG THE CURVED SOUTH R/W LINE OF SAID INTERSTATE 10 FOR AN ARC DISTANCE OF 291.50 FEET (CHORD = 291.06 FEET, CHORD BEARING = SOUTH 81°00'35" EAST) TO THE POINT OF TANGENCY; THENCE PROCEED SOUTH 74°56'23" EAST ALONG SAID SOUTH R/W LINE FOR A DISTANCE OF 453.24 FEET; THENCE DEPARTING SAID SOUTH R/W LINE PROCEED SOUTH 61°56'01" WEST FOR A DISTANCE OF 30.09 FEET; THENCE PROCEED SOUTH 17°01'33" WEST FOR A DISTANCE OF 65.72 FEET; THENCE PROCEED SOUTH 87°03'59" WEST FOR A DISTANCE OF 36.82 FEET; THENCE PROCEED SOUTH 63°50'59" WEST FOR A DISTANCE OF 151.68 FEET; THENCE PROCEED NORTH 60°40'58" WEST FOR A DISTANCE OF 42.89 FEET; THENCE PROCEED SOUTH 40°35'34" WEST FOR A DISTANCE OF 56.39 FEET; THENCE PROCEED SOUTH 78°25'38" WEST FOR A DISTANCE OF 128.63 FEET; THENCE PROCEED SOUTH 63°03'58" WEST FOR A DISTANCE OF 57.52 FEET; THENCE PROCEED SOUTH 81°09'02" WEST FOR A DISTANCE OF 82.68 FEET; THENCE PROCEED SOUTH 75°14'48" WEST FOR A DISTANCE OF 139.64 FEET; THENCE PROCEED SOUTH 84°30'36" WEST FOR A DISTANCE OF 119.47 FEET; THENCE PROCEED NORTH 73°09'43" WEST FOR A DISTANCE OF 42.40 FEET; THENCE PROCEED SOUTH 86°34'41" WEST FOR A DISTANCE OF 24.39 FEET; THENCE PROCEED NORTH 75°55'59" WEST FOR A DISTANCE OF 238.08 FEET; THENCE PROCEED NORTH 61°40'19" WEST FOR A DISTANCE OF 21.57 FEET; THENCE PROCEED NORTH 80°05'46" WEST FOR A DISTANCE OF 47.14 FEET; THENCE PROCEED SOUTH 83°41'14" WEST FOR A DISTANCE OF 37.77 FEET TO A NON-TANGENT POINT ON A CIRCULAR CURVE BEING CONCAVE TO THE SOUTHEAST SAID CURVE HAVING A RADIUS OF 25.00 FEET AND A DELTA ANGLE OF 67°29'36"; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 29.45 FEET (CHORD = 27.78 FEET, CHORD BEARING = NORTH 55°16'18" EAST); THENCE PROCEED NORTH 00°01'08" EAST FOR A DISTANCE OF 50.00 FEET; THENCE PROCEED NORTH 89°58'54" WEST FOR A DISTANCE OF 20.95 FEET TO A POINT OF CURVATURE ON A CIRCULAR CURVE BEING CONCAVE TO THE NORTHEAST SAID CURVE HAVING A RADIUS OF 25.00 FEET AND A DELTA ANGLE OF 83°14'31"; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 36.32 FEET (CHORD = 33.21 FEET, CHORD BEARING = NORTH 48°21'38" WEST TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE BEING CONCAVE TO THE WEST SAID CURVE HAVING A RADIUS OF 340.00 FEET AND A DELTA ANGLE OF 26°48'20"; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 159.07 FEET (CHORD = 157.62 FEET, CHORD BEARING = NORTH 20°08'32" WEST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE BEING CONCAVE TO THE EAST SAID CURVE HAVING A RADIUS OF 260.00 FEET AND A DELTA ANGLE OF 27°25'23"; THENCE PROCEED NORTHERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 124.44 FEET (CHORD = 123.26 FEET, CHORD BEARING = NORTH 19°50'01" WEST) TO A POINT OF COMPOUND CURVATURE OF A CIRCULAR CURVE BEING CONCAVE TO THE EAST SAID CURVE HAVING A RADIUS OF 35.00 FEET AND A DELTA ANGLE OF 98°55'03"; THENCE PROCEED NORTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 60.43 FEET (CHORD = 53.20 FEET, CHORD BEARING = NORTH 43°21'15" EAST) TO THE SOUTH R/W LINE OF NINE MILE ROAD (STATE ROAD No. 10, R/W VARIES); LYING IN AND BEING A PORTION OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA, AND CONTAINING 9.53 ACRES MORE OR LESS.

SITE ENVIRONMENTAL INFORMATION

OVERALL SITE AREA	9.53 ACRES
ACOE/NWFWMD/ESCAMBIA COUNTY JURISDICTIONAL WETLANDS	0.89 ACRES
WETLAND BUFFER	0.81 ACRES
WETLAND IMPACT (ROADWAY CROSSINGS)	0.20 ACRES
WETLAND BUFFER IMPACT	0.13 ACRES
CONSERVATION EASEMENT	0 ACRES







#### 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.

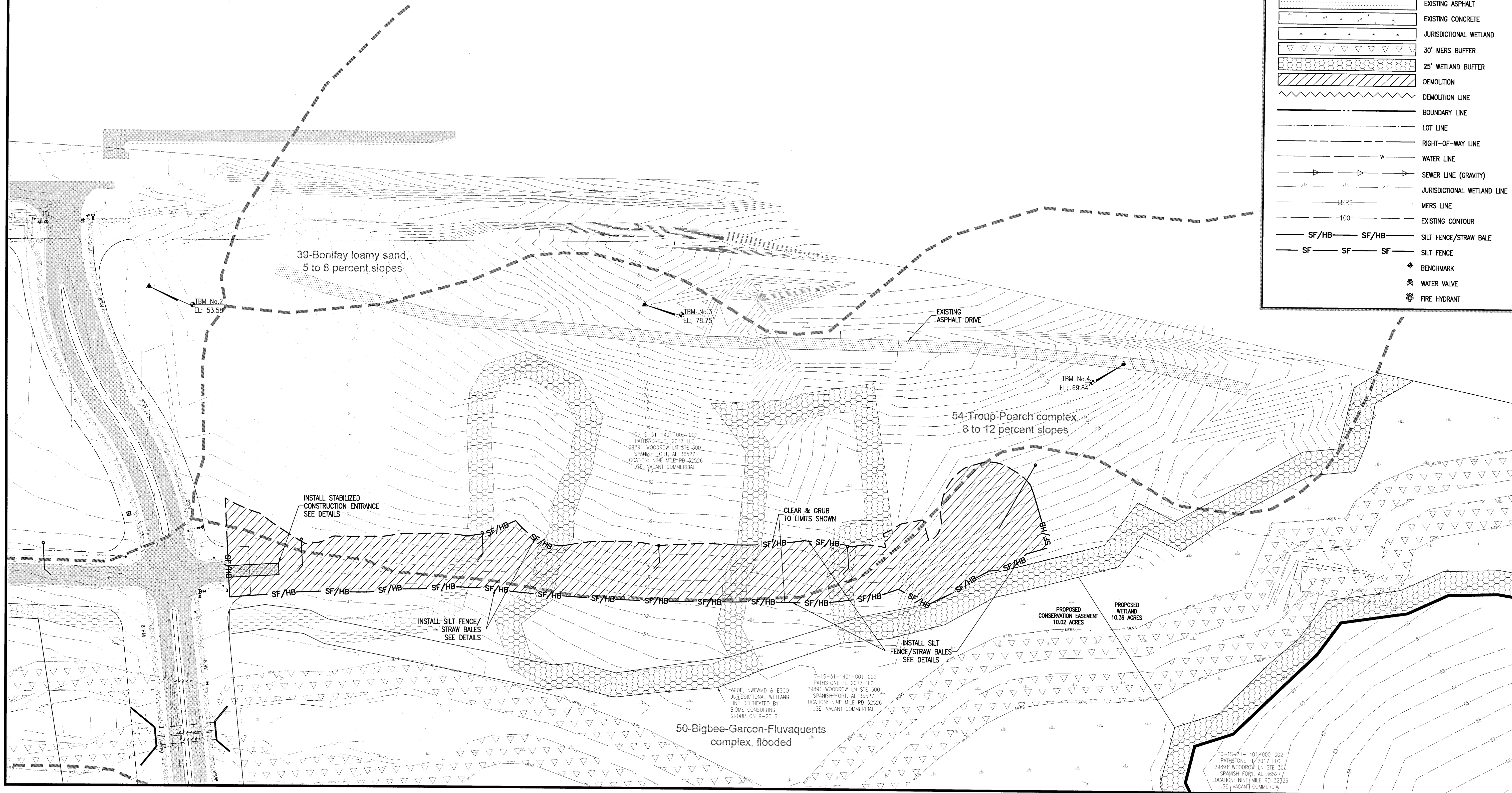
8. ALL AREAS, NOT PAVED, DISTURBED DURING CONSTRUCTION SHALL BE CLEANED OF DEBRIS AND CONSTRUCTION MATERIAL AND RAKED SMOOTH.
9. ALL EXCESS MATERIAL SHALL BE HAULED AWAY AND DISPOSED OF APPROPRIATELY AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR SHALL VISIT SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS 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.

#### 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 BUNDING DUE TO SEDIMENTS.
  6. SAC FILTERS IN CURB THROATS ARE NOT AN ALLOWABLE SEDIMENT CONTROL METHOD.
- #### DEMOLITION NOTES:
1. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.
  2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES AND COORDINATE RELOCATION WITH THE APPROPRIATE UTILITY OWNER AS NECESSARY. ANY AND ALL UTILITIES ENCOUNTERED DURING DEMOLITION WILL BE PROTECTED AND/OR RELOCATED AT THE DISCRETION OF THEIR PROSPECTIVE OWNERS.
  3. NO DEMOLITION DEBRIS WILL BE STOCKPILED OR GATHERED ON THE PROJECT SITE OR ADJACENT PROPERTIES, WITHOUT PRIOR AUTHORIZATION OF THE OWNER.

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
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'

LEGEND	
	EXISTING ASPHALT
	EXISTING CONCRETE
	JURISDICTIONAL WETLAND
	30' MERS BUFFER
	25' WETLAND BUFFER
	DEMOLITION
	DEMOLITION LINE
	BOUNDARY LINE
	LOT LINE
	RIGHT-OF-WAY LINE
	WATER LINE
	SEWER LINE (GRAVITY)
	JURISDICTIONAL WETLAND LINE
	MERS LINE
	EXISTING CONTOUR
	SILT FENCE/STRAW BALE
	SILT FENCE
	BENCHMARK
	WATER VALVE
	FIRE HYDRANT



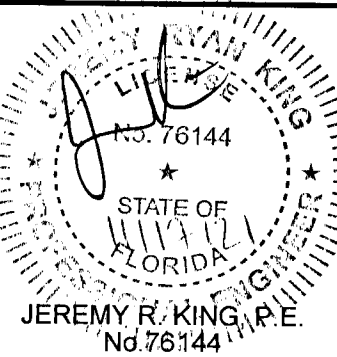
EXISTING SITE, DEMOLITION  
& EROSION CONTROL PLAN

FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

REVISION

No. DATE

SEAL



Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

DRAWING No.

C1.0

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ES 000857



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, 991, 992, 993, 995, & 997.

\*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 LIMESTONE, 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 LIMESTONE 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

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

SODDING:

SOD SHALL BE WELL ROOT MATTED CENTIPEDE OR BAHIA GRASS COMMERCIALY CUT TO A MINIMUM DIMENSION OF 12" x 24" & 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:

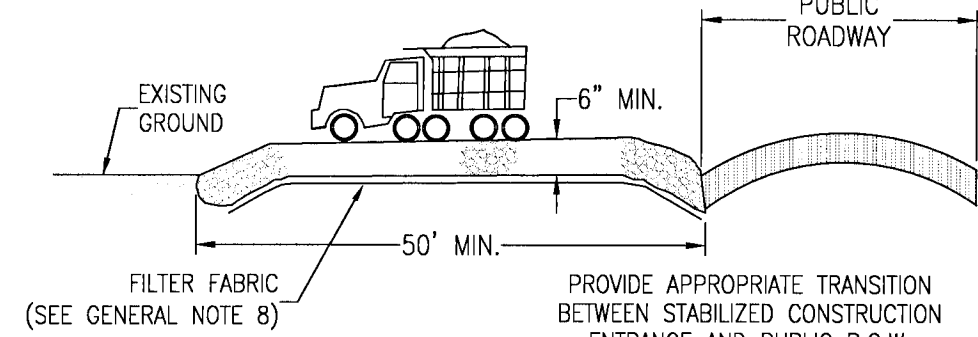
1. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".
2. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

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.

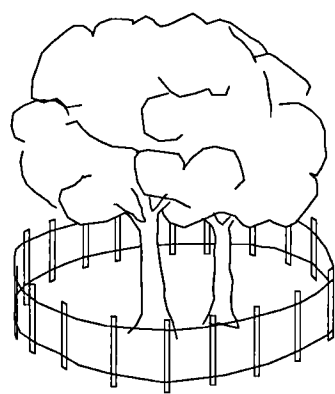
PROPOSED SEQUENCE OF CONSTRUCTION:

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 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

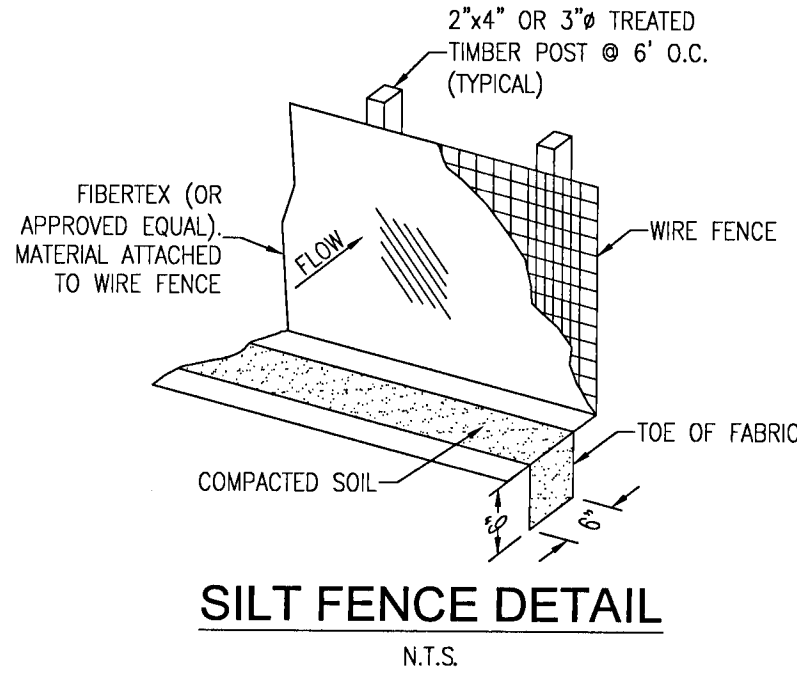
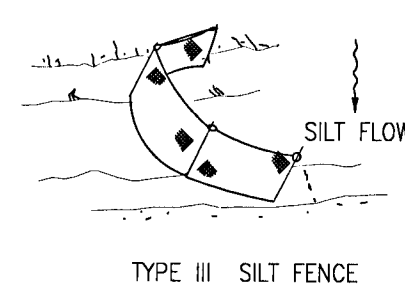
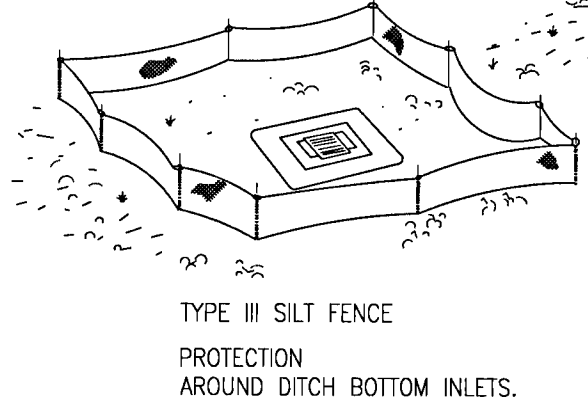
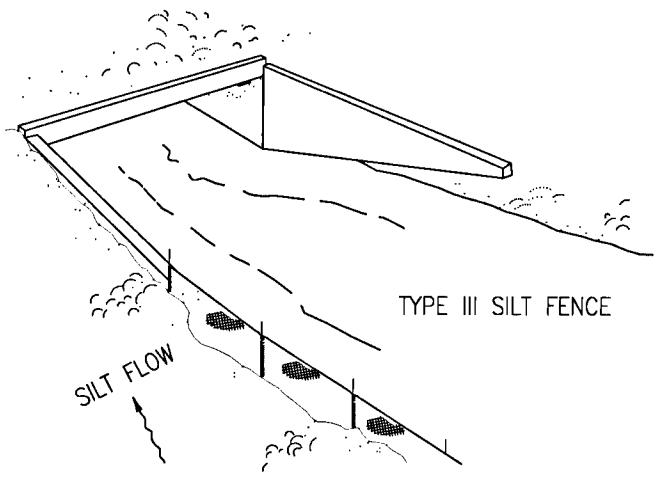
N.T.S.



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

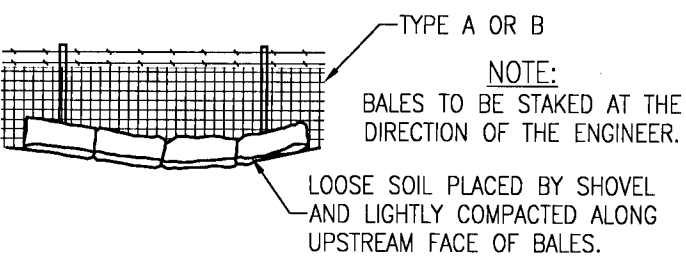
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SILT FENCE APPLICATIONS

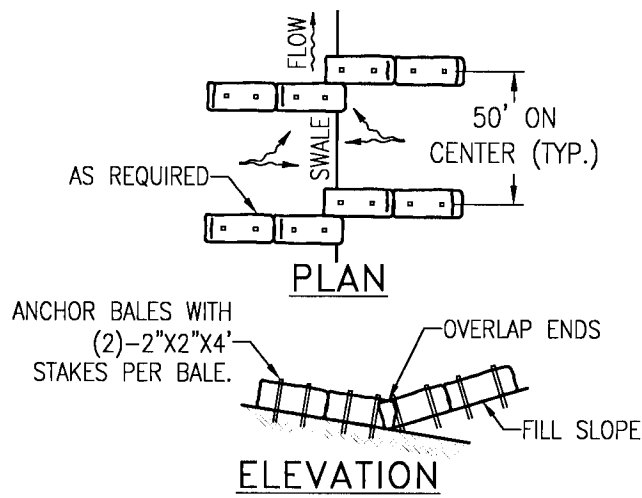
N.T.S.

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.



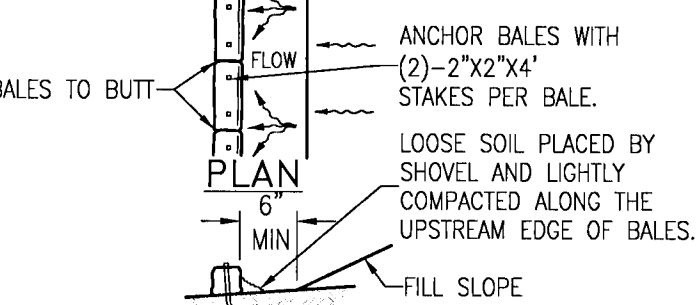
STRAW BALES BACKED BY FENCE

N.T.S.



ELEVATION

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

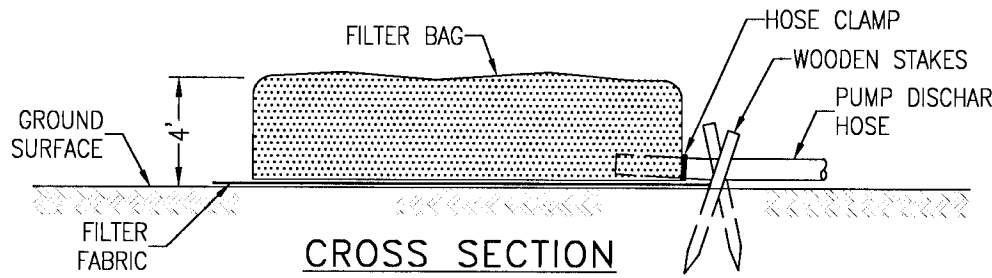
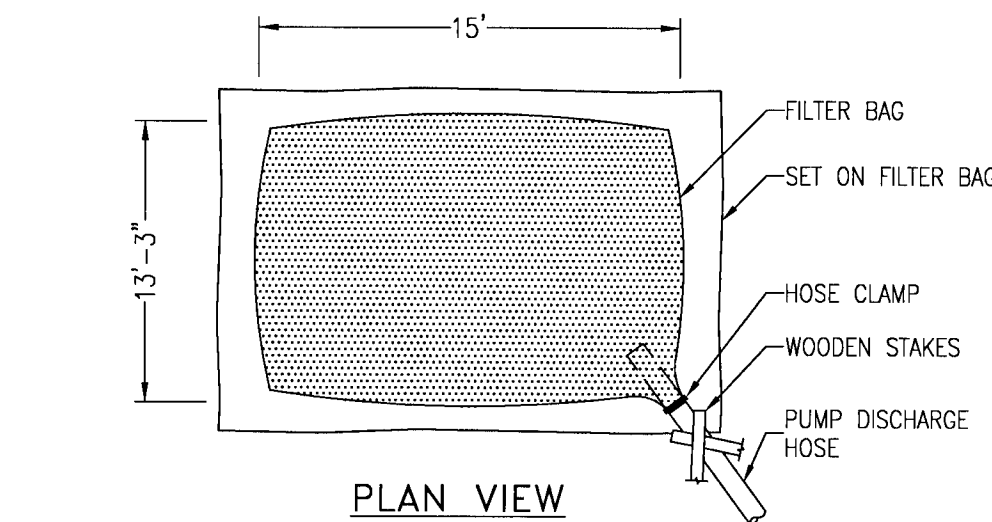


ELEVATION

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

BARRIERS FOR FILL SLOPES

N.T.S.



FILTER BAG DETAIL FOR TRENCH DEWATERING OPERATIONS

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:

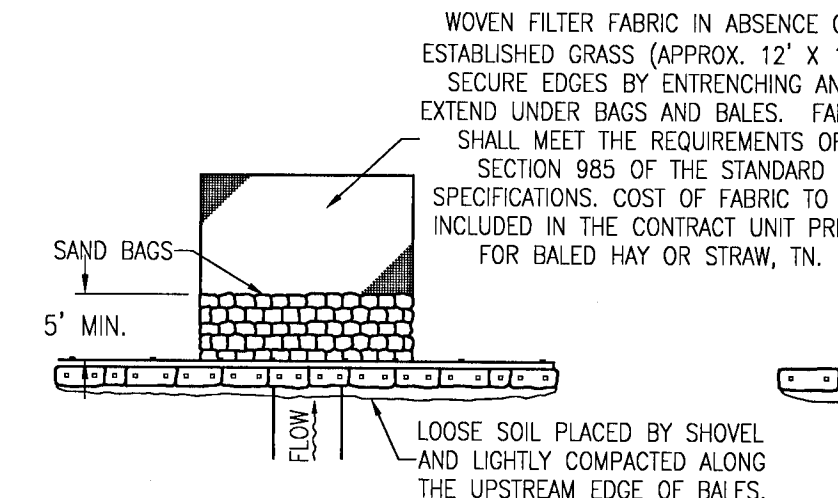
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING. AT THE DISCRETION OF THE ENGINEER INSPECTOR TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES CUTTING A 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:

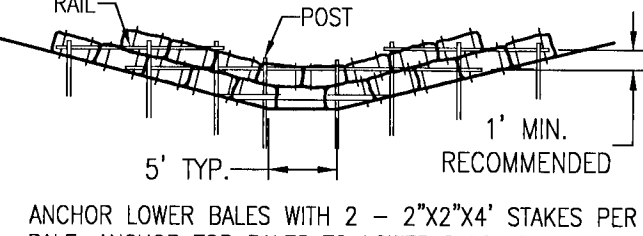
PRIOR TO REMOVING A BAG FROM THE HOSE, THE BAG WILL BE TIED OFF BELOW THE END OF THE HOSE ALLOWING THE BAG TO DRAIN. DRAINAGE WILL NOT BE ALLOWED THROUGH THE INLET HOLE. TO AVOID RUPTURE, THE BAGS WILL BE ATTENDED AND PUMPING RATES MONITORED. ONCE THE BAG IS INFLATED TO A HEIGHT OF 4 FEET, PUMPING WILL 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 ENCLOSED 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.



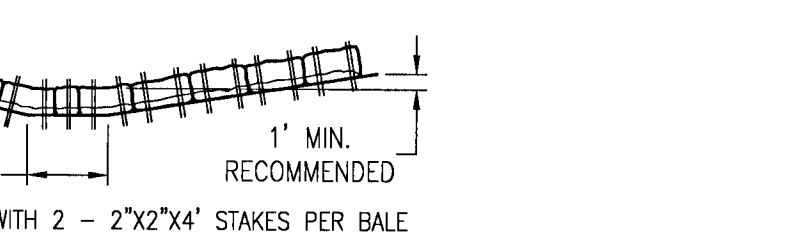
ELEVATION



ELEVATION

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

TYPE II



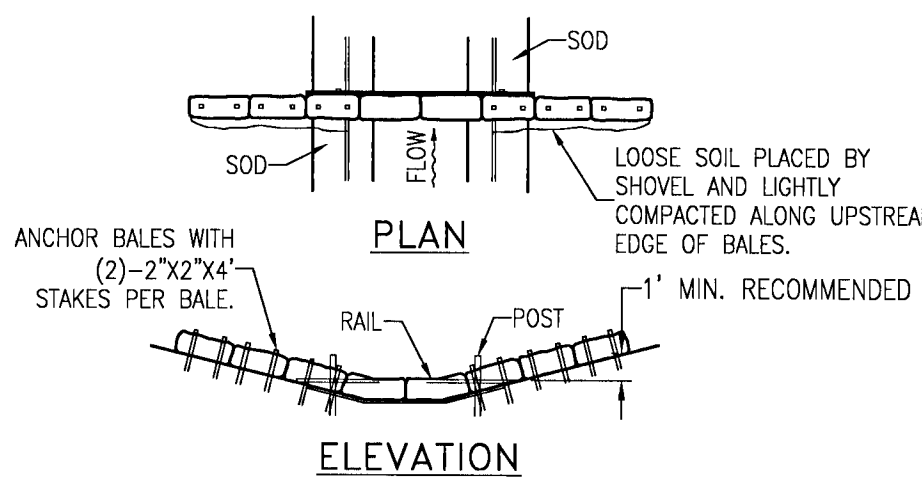
ELEVATION

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

TYPE I

BARRIER FOR UNPAVED DITCH

N.T.S.

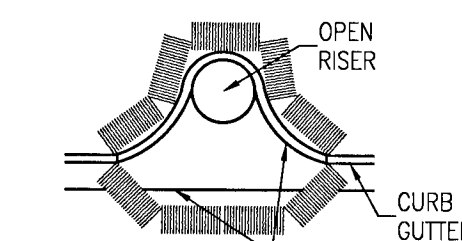


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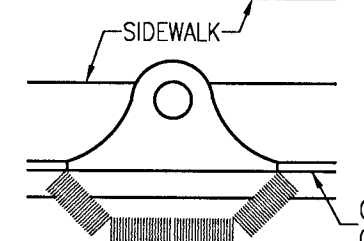
SPACING: BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART I, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

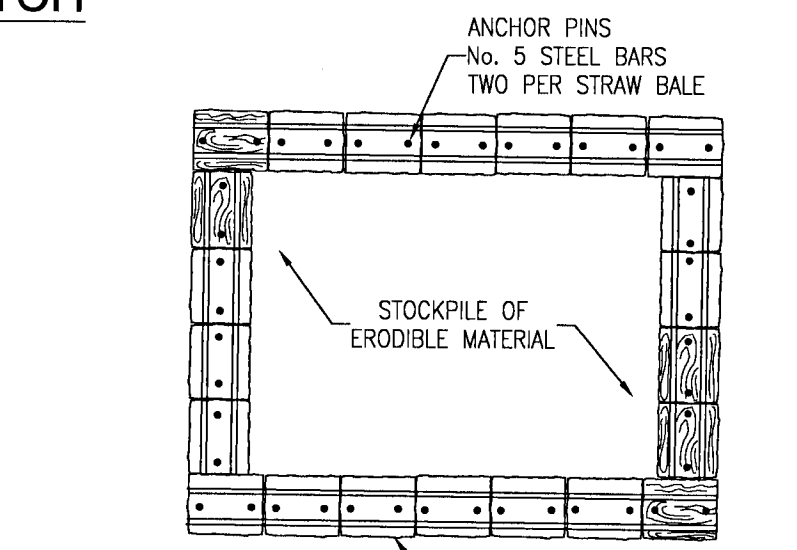
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PARTIAL INLET

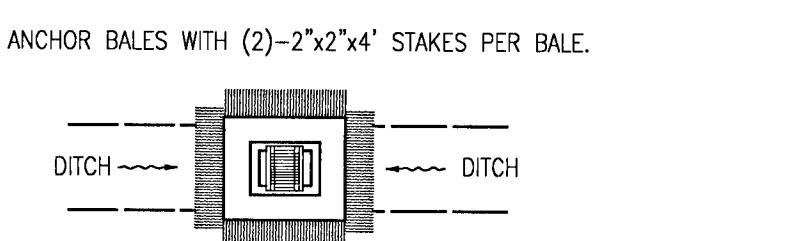


COMPLETED INLET



MATERIAL STOCKPILE DETAIL

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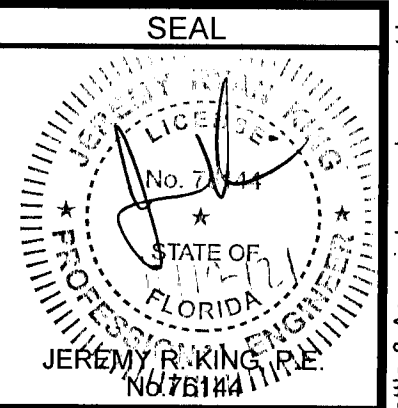


DITCH BOTTOM INLET

EROSION CONTROL DETAILS

FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

REVISION	DATE	BY	APP'D
No.			



Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

DRAWING No.

C1.1



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 NFWFMD APRIL 2021

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 STORMWATER POLLUTION PREVENTION PLAN PREPARED THEREUNDER.

PRINT & SIGN NAME COMPANY & ADDRESS

NAME & TITLE (PRINT)

SIGNATURE DATE

1.5 RESPONSIBLE AUTHORITY CERTIFICATION:

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

PRINT & SIGN NAME COMPANY & ADDRESS

NAME & TITLE (PRINT)

SIGNATURE DATE

1.6 NOTICE OF TERMINATION (NOT):

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

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

THIS FORM CAN BE OBTAINED FROM FDEP'S WEBSITE (WWW.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: N 30.534101°  
LONGITUDE: W 87.339783°

WATER MANAGEMENT DISTRICT: NORTHWEST FLORIDA (NFWFMD)

MS4 OPERATOR NAME: ESCAMBIA COUNTY

RECEIVING WATER NAME: ELEVEN MILE CREEK

2.0 SITE DESCRIPTION:

2.1 NATURE OF CONSTRUCTION ACTIVITIES:

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

2.2 SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

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

- CLEAR, GRUB AND PERFORM ALL DEMOLITION WORK.
- CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEM.
- CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS, AND LANDSCAPING).
- COMPLETE STORMWATER PONDS.

2.3 AREA ESTIMATES:

ONSITE AREA: 9.53 ACRES  
OFFSITE AREA: 0 ACRES  
TOTAL AREA: 9.53 ACRES  
AREA TO BE DISTURBED: 1.72 ACRES

2.4 RUNOFF DATA:

RUNOFF COEFFICIENTS (C):

BEFORE: TOTAL COMPOSITE C = 0.24  
DURING: VARIES BETWEEN = 0.24 AND 0.88  
AFTER: VARIES BETWEEN = 0.88

SOILS DATA:  
THE SOILS LOCATED AT THE SITE ARE PREDOMINATELY FINE GRAINED CLAYEY SANDS. GROUNDWATER WAS NOT ENCOUNTERED IN THE 5 FT 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  
EXISTING STORMWATER SYSTEM 9.53 0.88  
AT WEST BOUNDARY

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: EXISTING STORMWATER POND IN PHASE 1. EVENTUAL OUTFALL TO 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.GOV) OR BY CONTACTING EPA. IF AN RQ RELEASE DOES OCCUR THE CONTRACTOR SHALL PERFORM THE FOLLOWING PROCEDURES:

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

7.0 IMPLEMENTATION CHECKLIST:

7.1 RECORDS:

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

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

7.2 INSPECTION REPORTS:

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

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

7.3 RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS:

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

7.4 SWPPP MODIFICATION:

THE CONTRACTOR SHALL MODIFY THE SWPPP AS NECESSARY TO:

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

8.0 TERMINATION CHECKLIST:

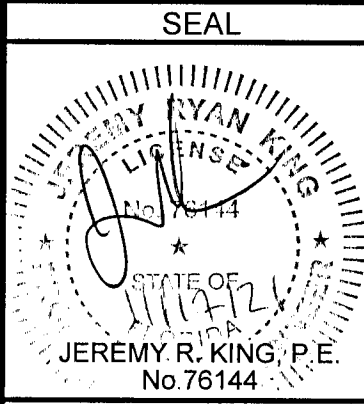
THE FOLLOWING ITEMS SHALL BE COMPLETE BEFORE SUBMITTING THE NOT:

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

NPDES - STORMWATER  
POLLUTION PREVENTION  
PLAN

FALLSCHAE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

No.	DATE	REVISION			



Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

DRAWING No.

C1.2

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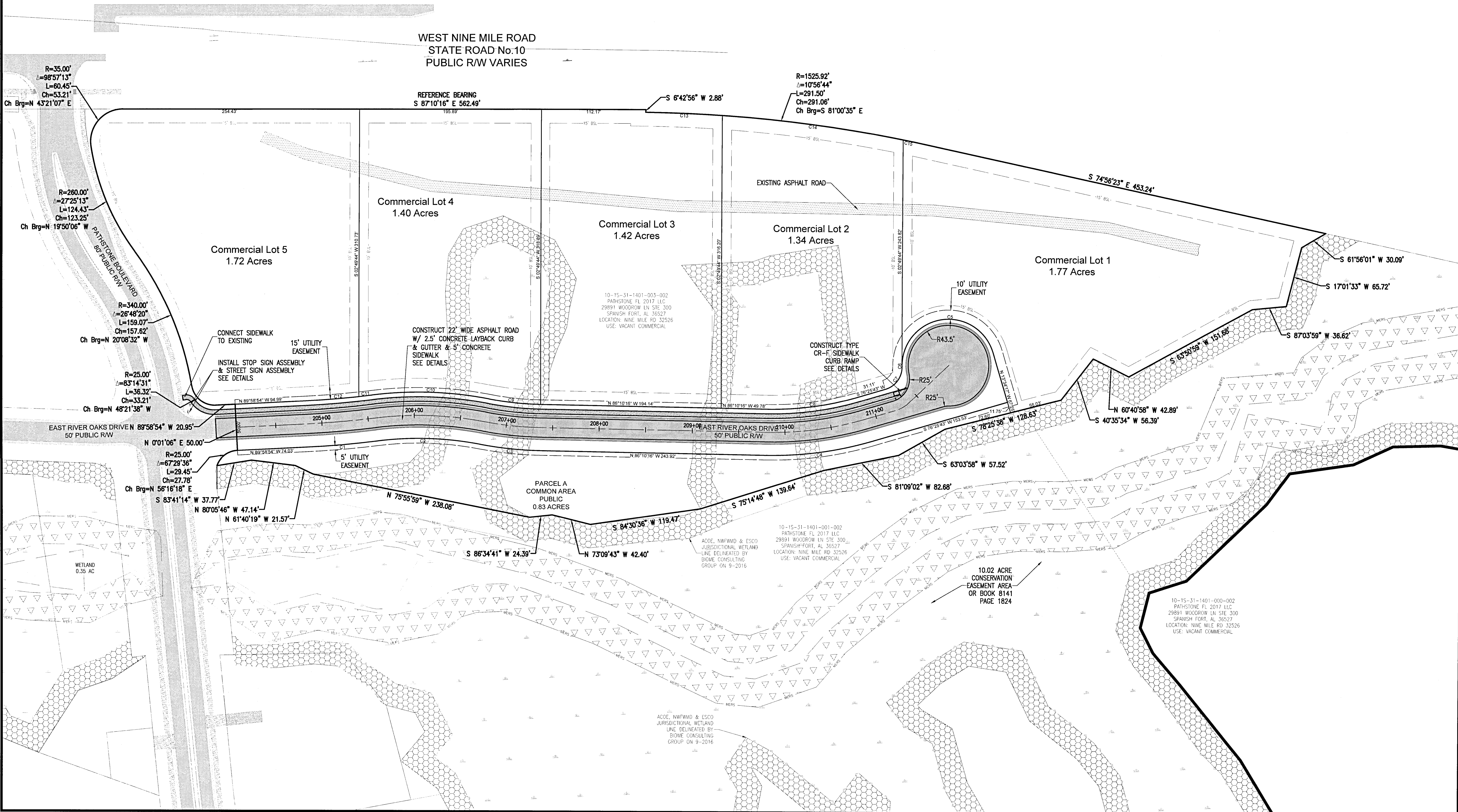
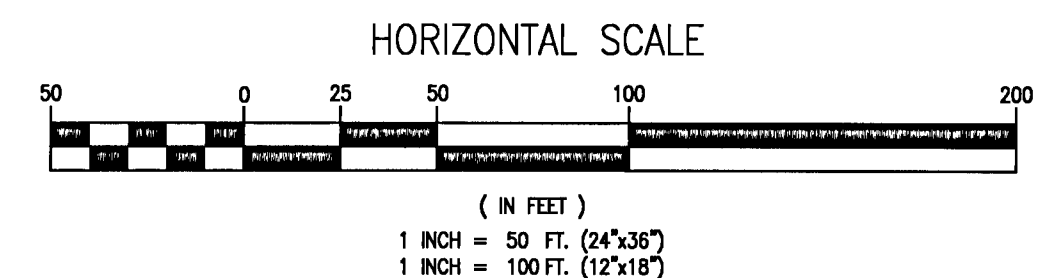
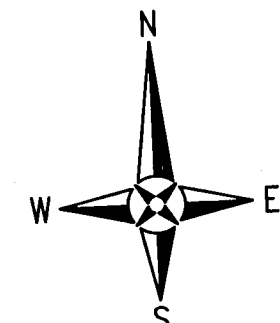
REBOL-BATTLE & ASSOCIATES  
Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300  
Pensacola, Florida 32503  
Telephone 850.438.0400 Fax 850.438.0448  
EEO 00006507



LEGEND

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



**RBA**

**REBOL-BATTLE & ASSOCIATES**

Civil Engineers and Surveyors

2301 N. Ninth Avenue, Suite 300  
Pensacola, Florida 32503  
Telephone 850.438.0400 Fax 850.438.0448  
E8 0000667

**SITE LAYOUT &  
DIMENSION PLAN**

**FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA**

No.	DATE	REVISION

SEAL

JEREMY R. KING, P.E.

No. 78144

Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

DRAWING No.  
**C2.0**

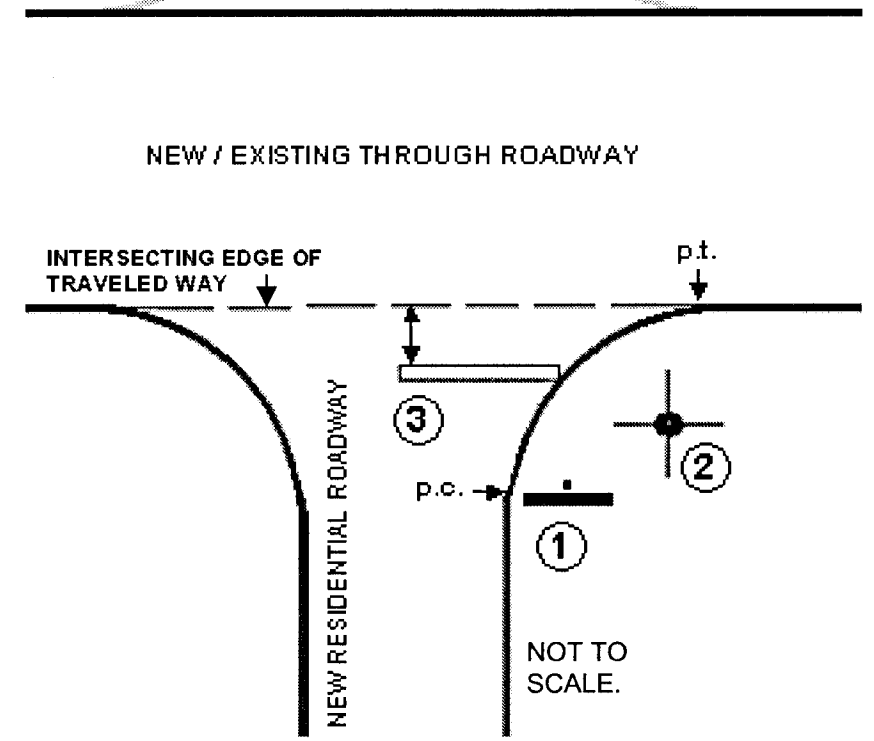
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- GENERAL NOTES
1. ALL SIGN INSTALLATIONS MUST COMPLY WITH THE LATEST MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) SPECIFICATIONS.
  2. ALL PAVEMENT MARKINGS MUST BE THERMOPLASTIC AND COMPLY WITH SECTION 711 OF F.D.O.T.'S STANDARD SPECIFICATIONS 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).



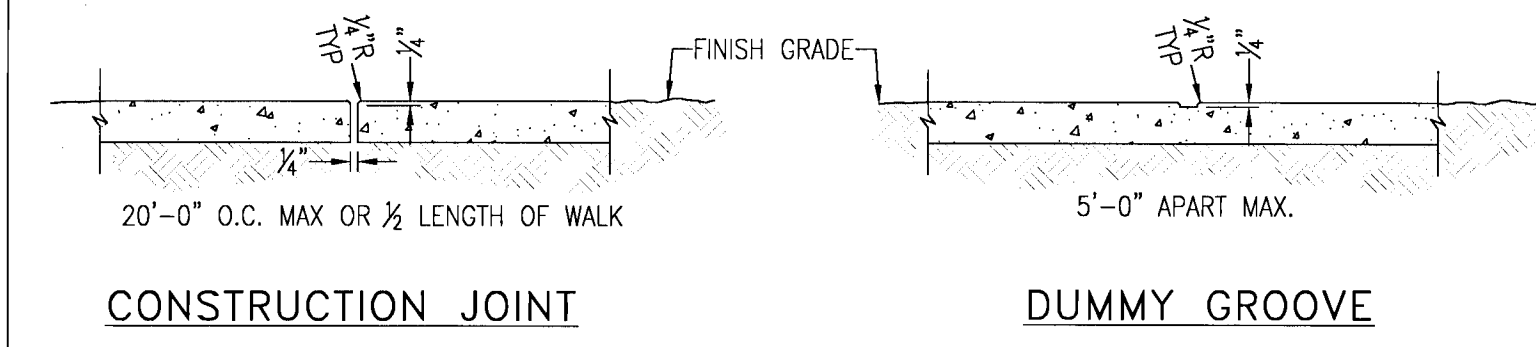
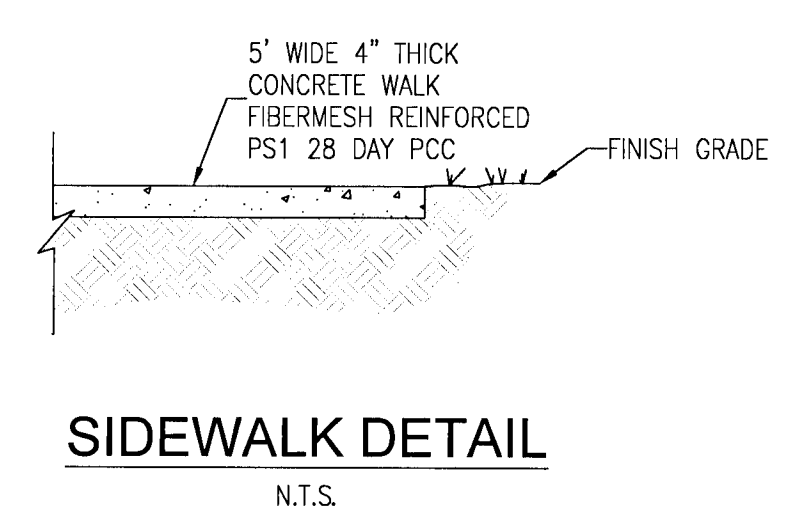
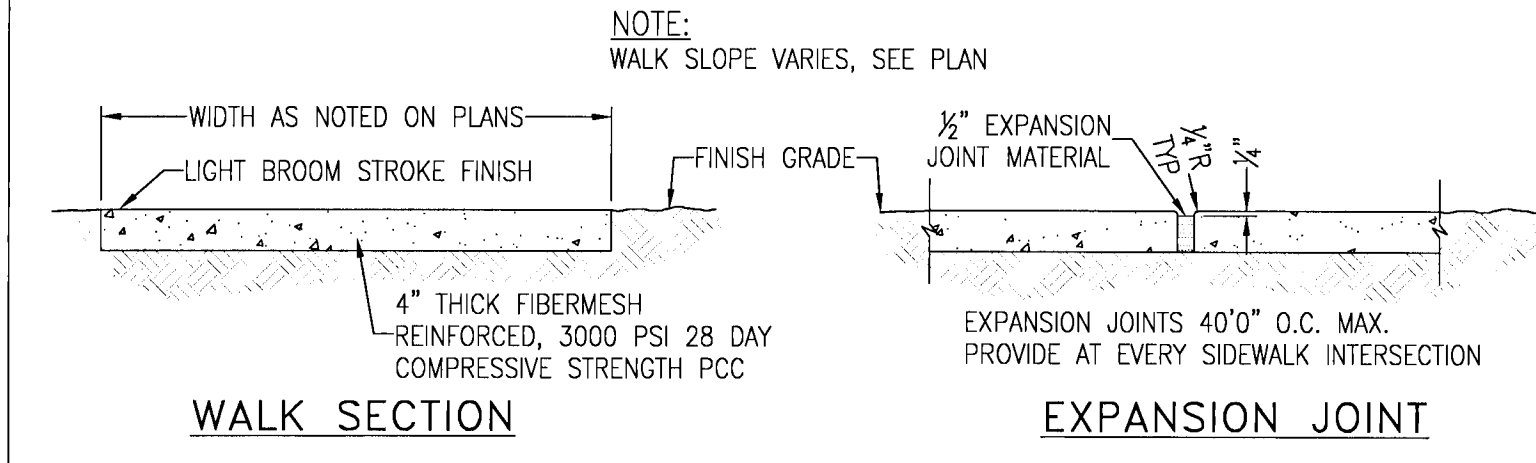
2 STREET NAME SIGN

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.

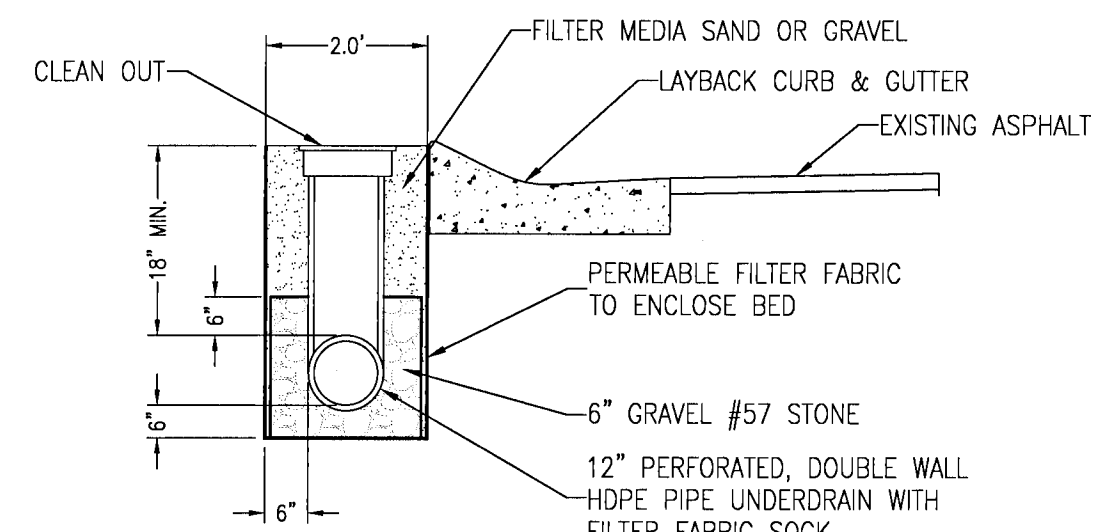
3 24" STOP BAR

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.

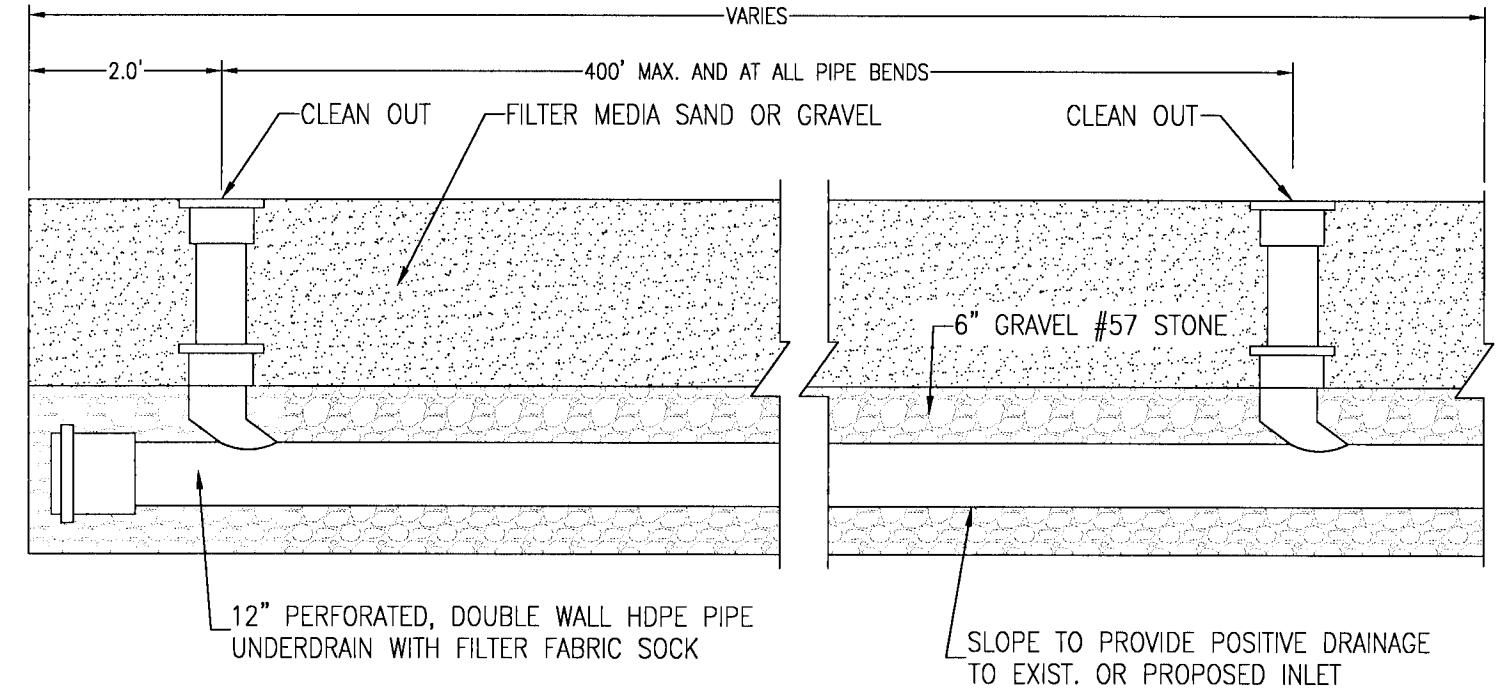
INSTALLATION DETAILS  
TRAFFIC CONTROL SIGNS & MARKINGS FOR NEW RESIDENTIAL INTERSECTIONS  
ACCEPTABLE PER CURRENT ESCAMBIA COUNTY INSPECTION PRACTICES



SIDEWALK DETAILS  
N.T.S.



SECTION VIEW

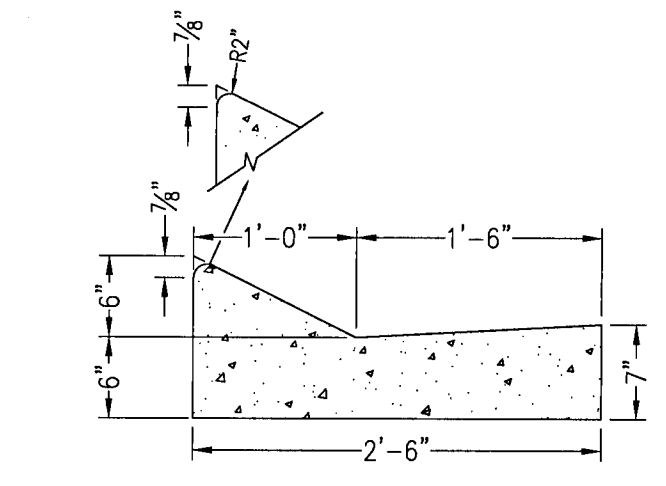


PROFILE VIEW

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



- 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.

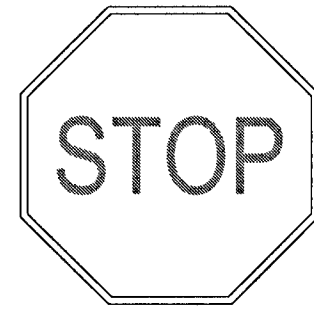
STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

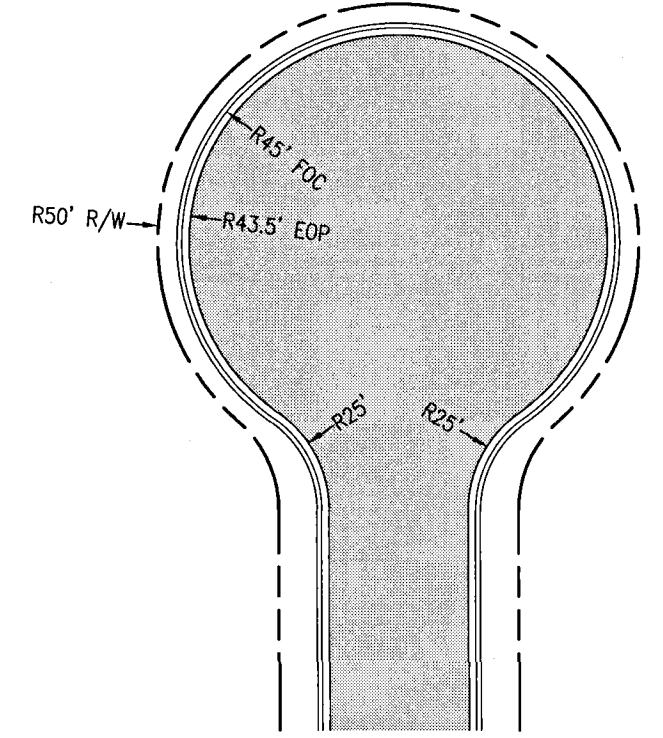
• F.D.O.T. TYPE III A REFLECTIVE SHEETING TO BE USED ON ALL STREET NAME SIGN BLADES.  
• STREET NAME SIGN BLADES TO HAVE WHITE LEGENDS, 1/2\"/>

18" MINIMUM OVERALL LENGTH FOR SIGN BLADES  
MARGINS TO BE 1" MINIMUM (TYPICAL)

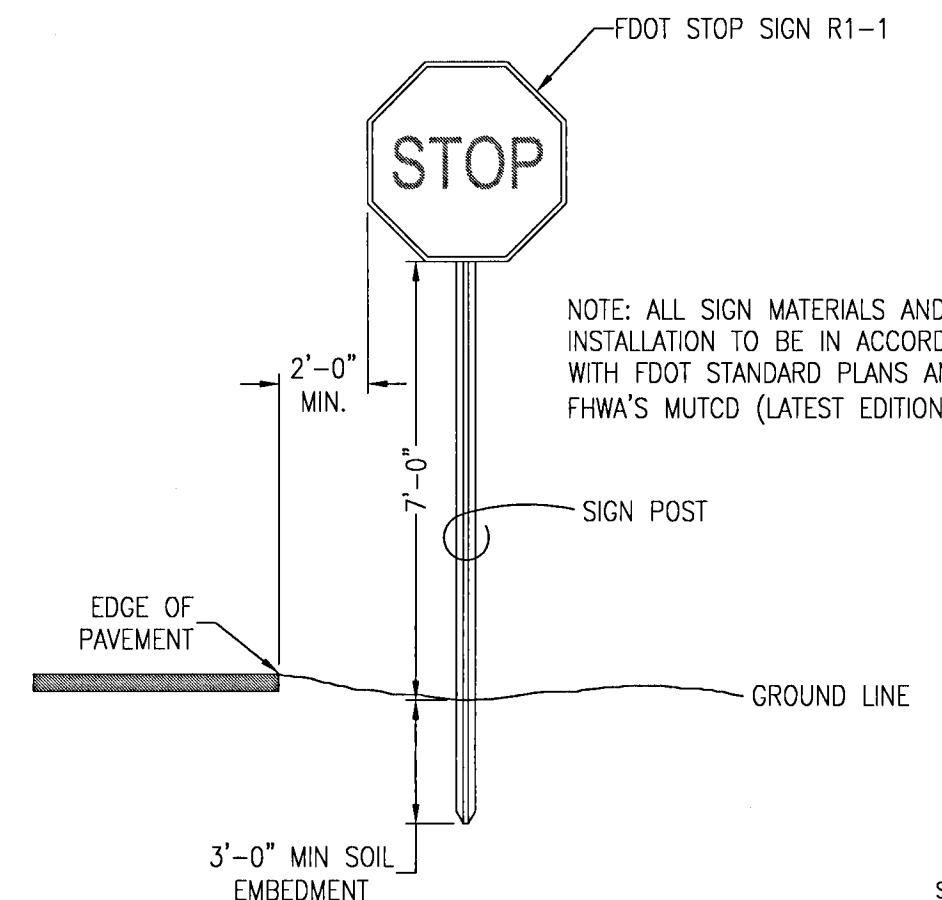
ESCAMBIA COUNTY  
DEPARTMENT OF ENGINEERING - TRAFFIC ENGINEERING DIVISION  
Suite 1, 1190 West Leonard Street, Pensacola, Florida 32501-1116  
BY: Alan Theford, Engineering Technician III Revised 6-2002 + NOT TO SCALE +



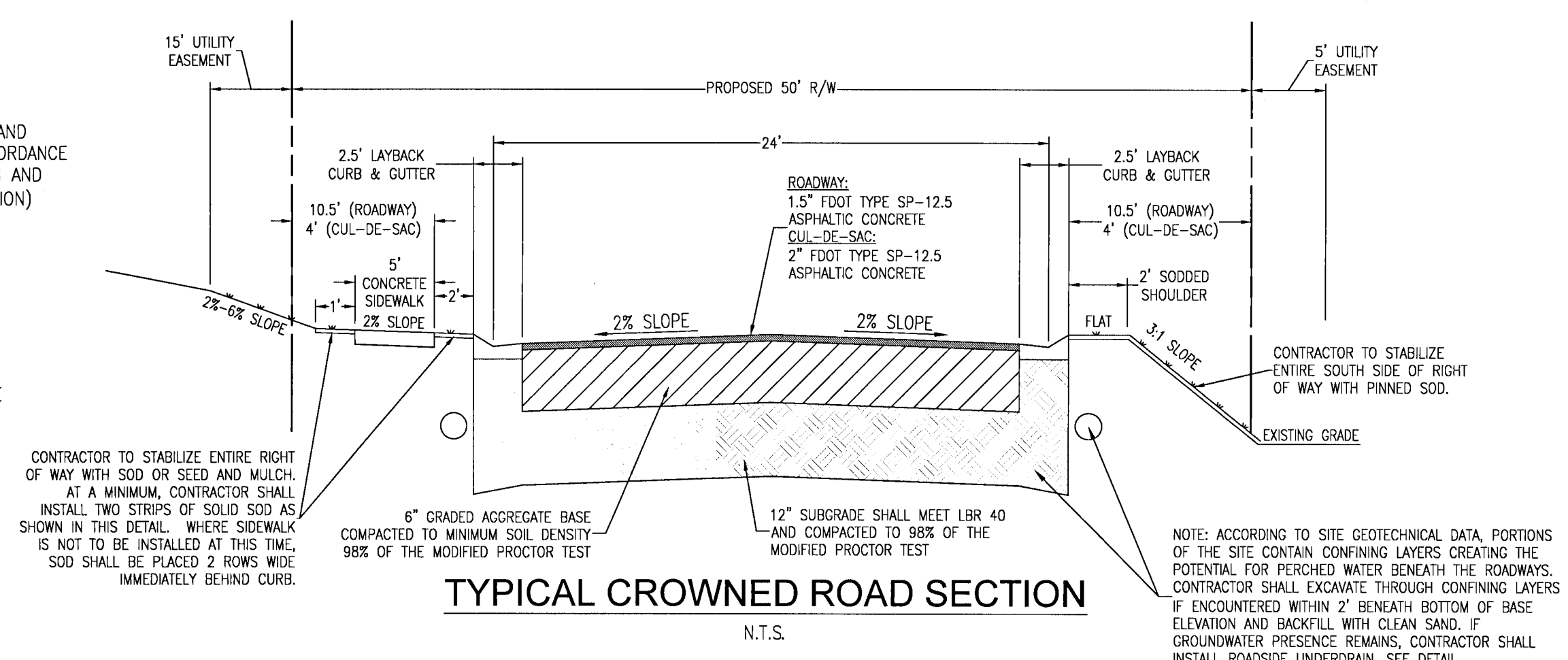
FDOT STANDARD  
R1-1  
2'-0" x 2'-0"  
N.T.S.



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



SIGN MOUNTING DETAIL  
N.T.S.



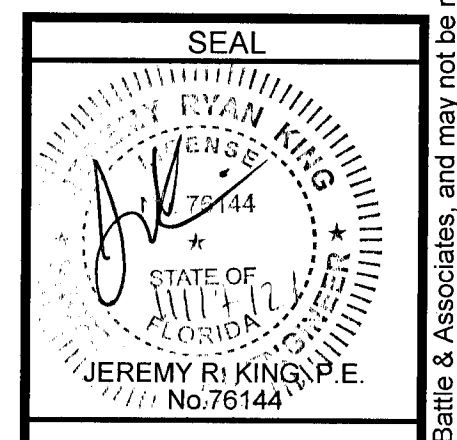
TYPICAL CROWNED ROAD SECTION  
N.T.S.

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.

DETAILS

FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

REVISION	DATE	No.



Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

DRAWING No.

C2.1

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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:

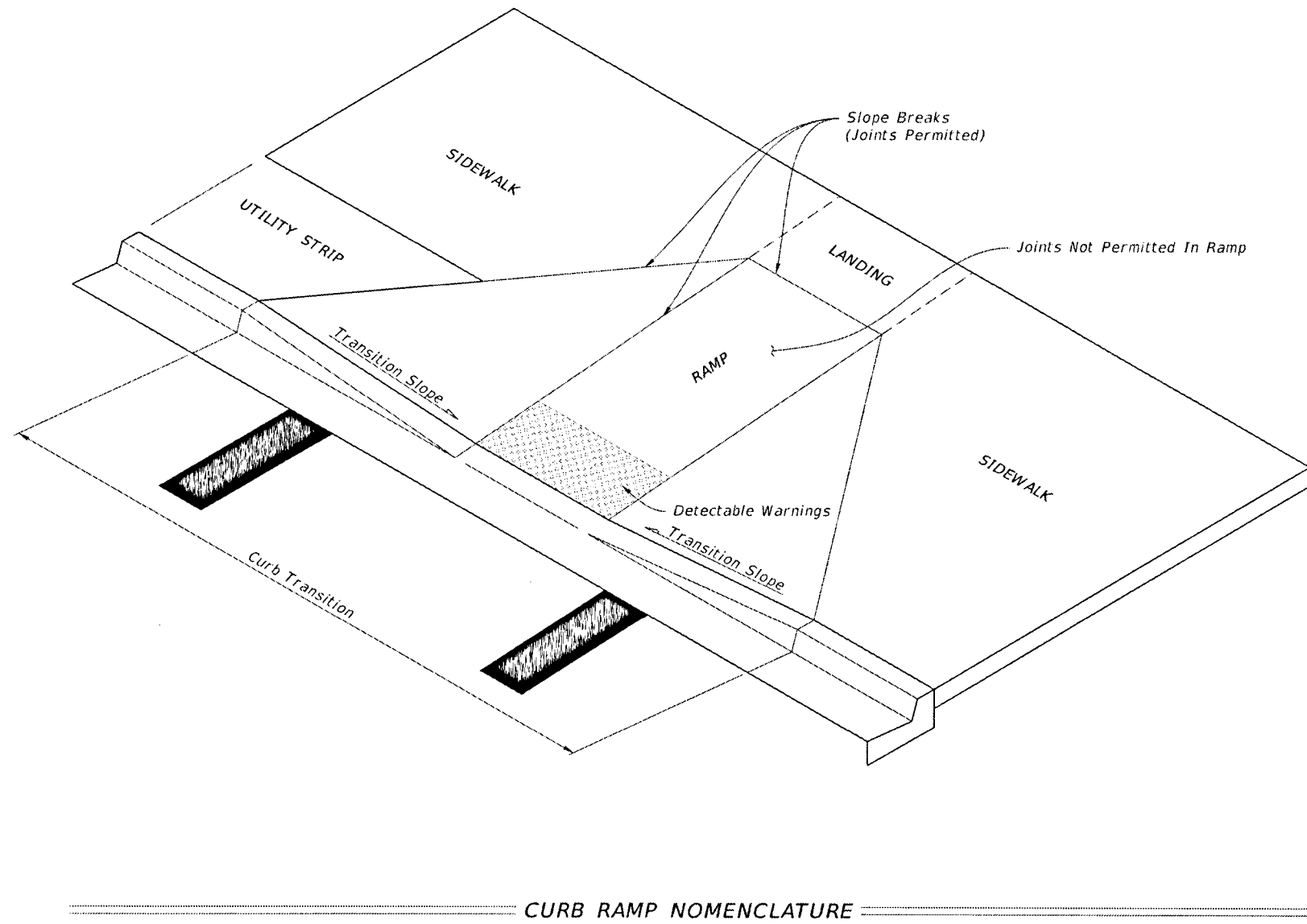
- A. Sidewalk curb ramp alpha-identifications (e.g. CR-A) are provided for reference purposes in the Plans.
- B. Alpha-identifications CR-I and CR-J are intentionally omitted.

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.

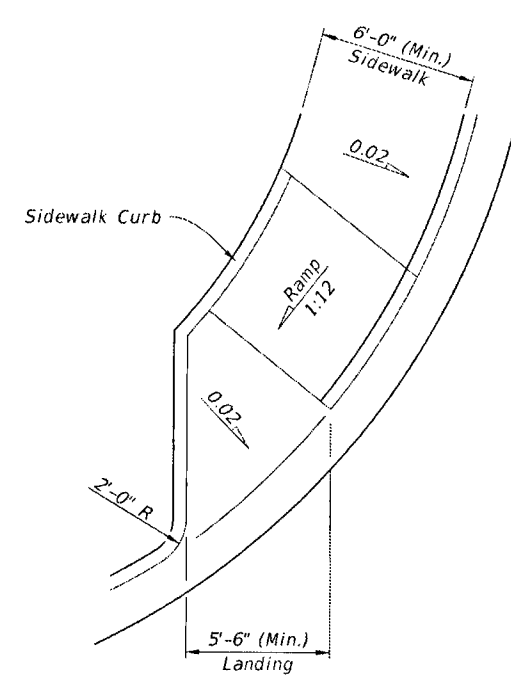
6. Detectable Warnings - Acceptance Criteria:

- 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

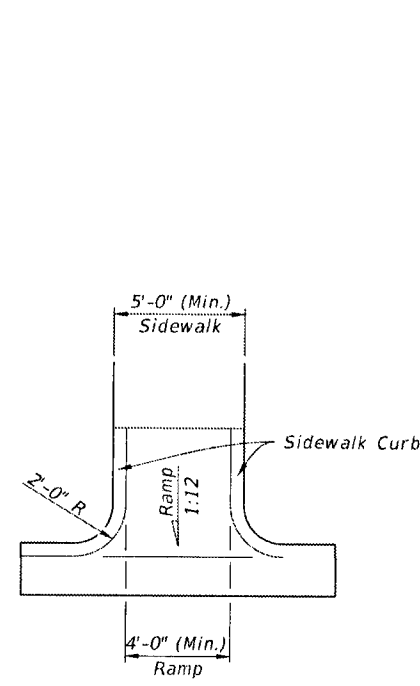
ISOMETRIC VIEW



PLAN VIEW

CR-D

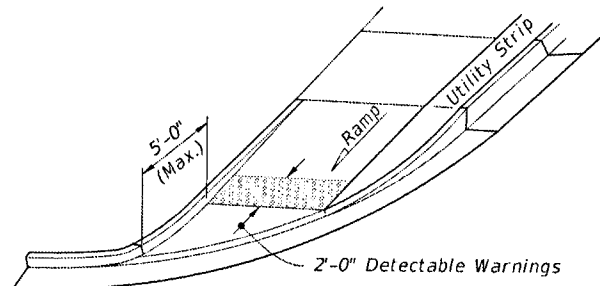
ISOMETRIC VIEW



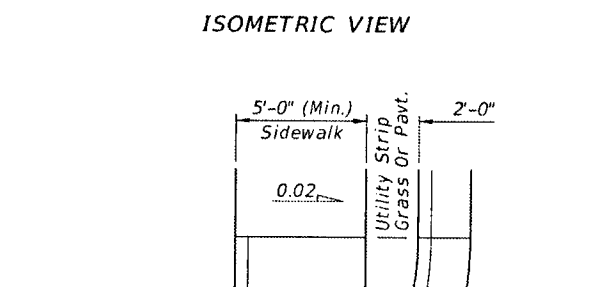
PLAN VIEW

CR-E

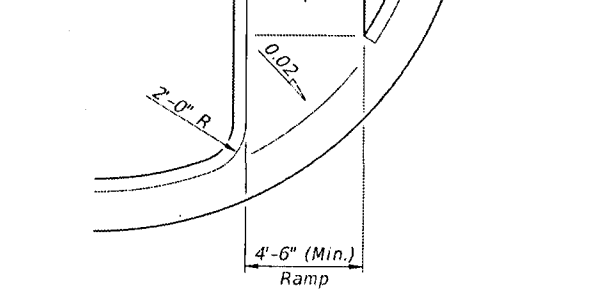
OPTION A



OPTION B



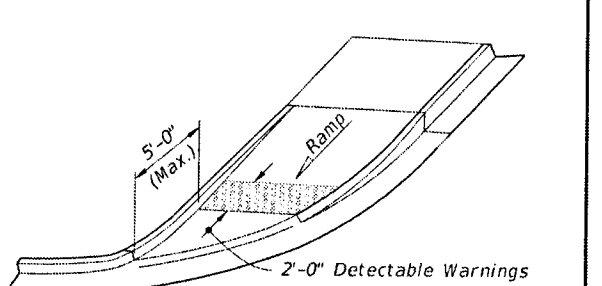
ISOMETRIC VIEW



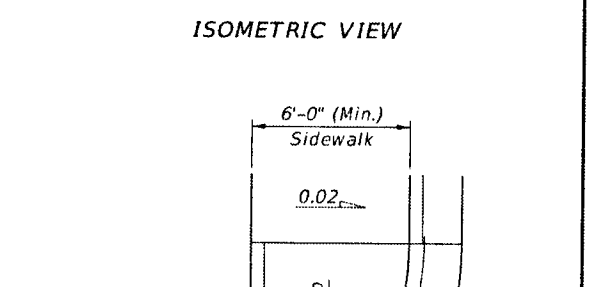
PLAN VIEW

CR-F

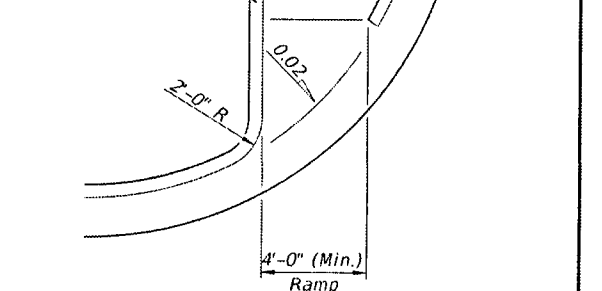
OPTION A



OPTION B



ISOMETRIC VIEW



PLAN VIEW

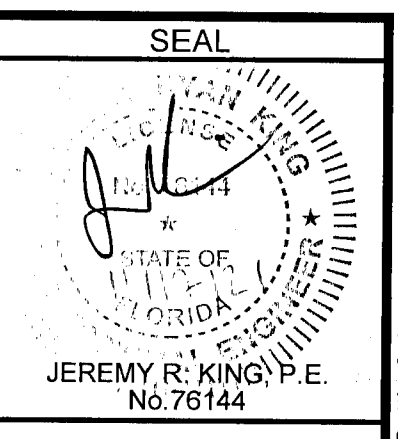
CR-G

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

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

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

No.	DATE	REVISION

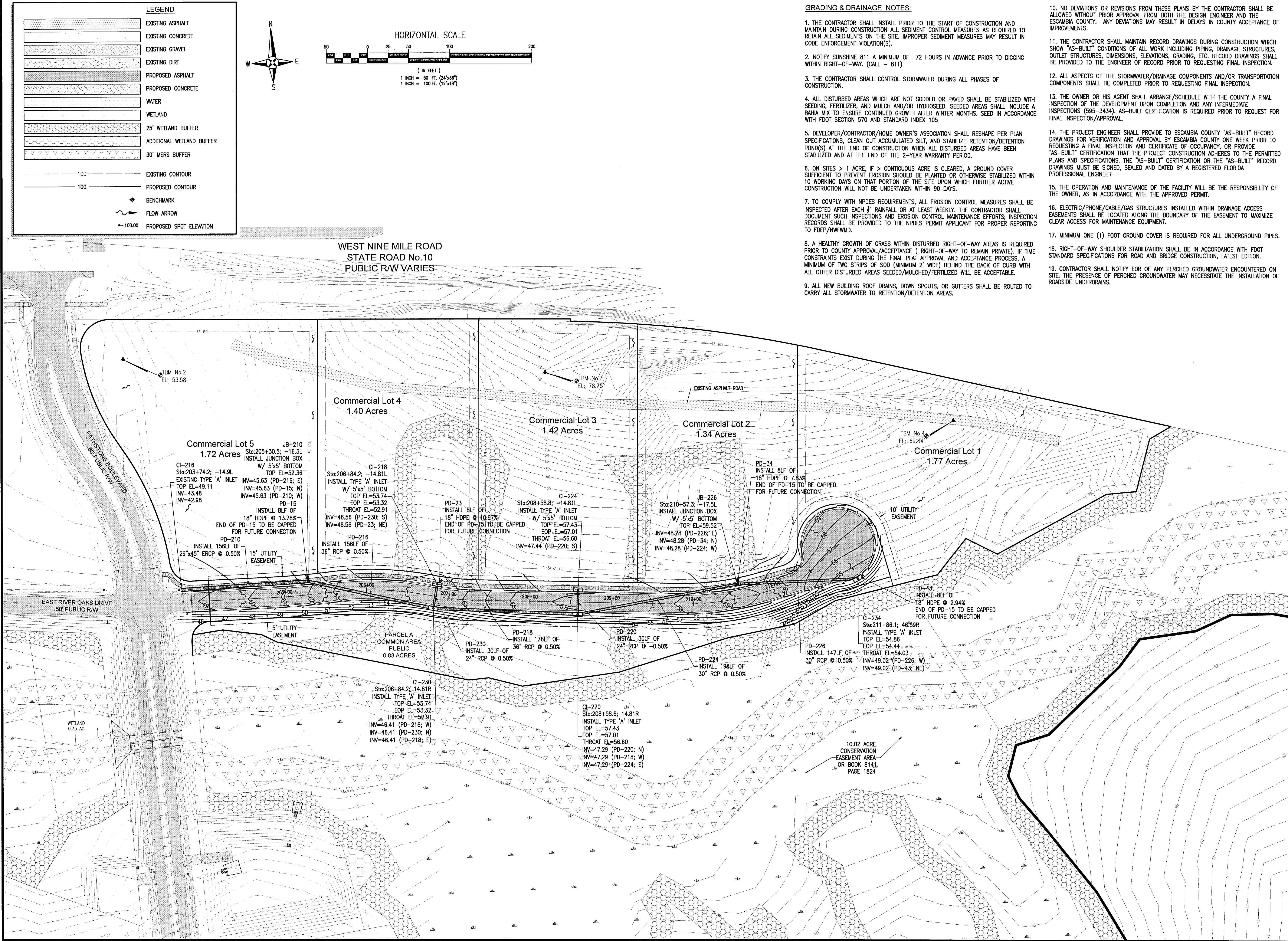


Dr. By: CBD  
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DRAWING No.

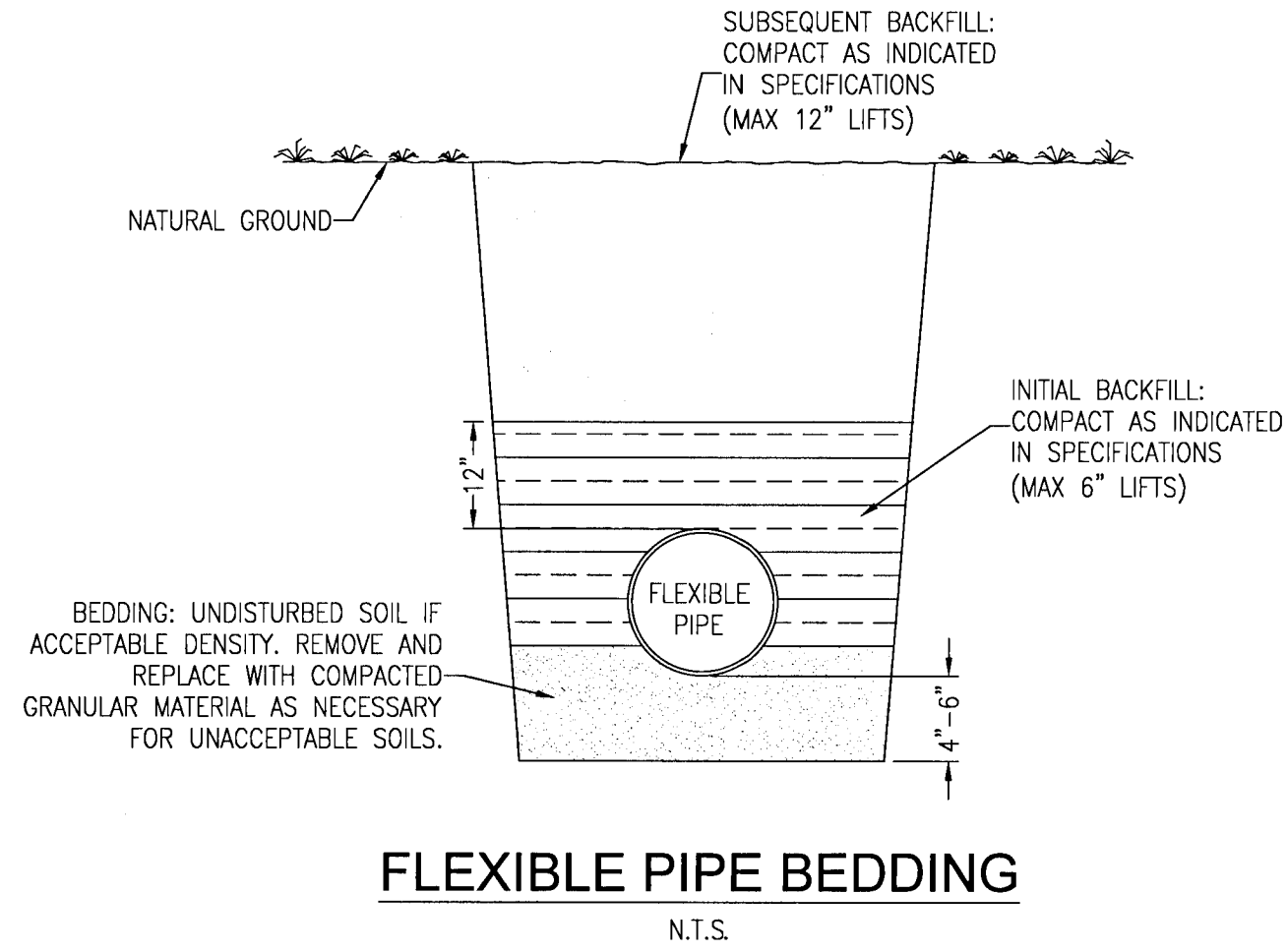
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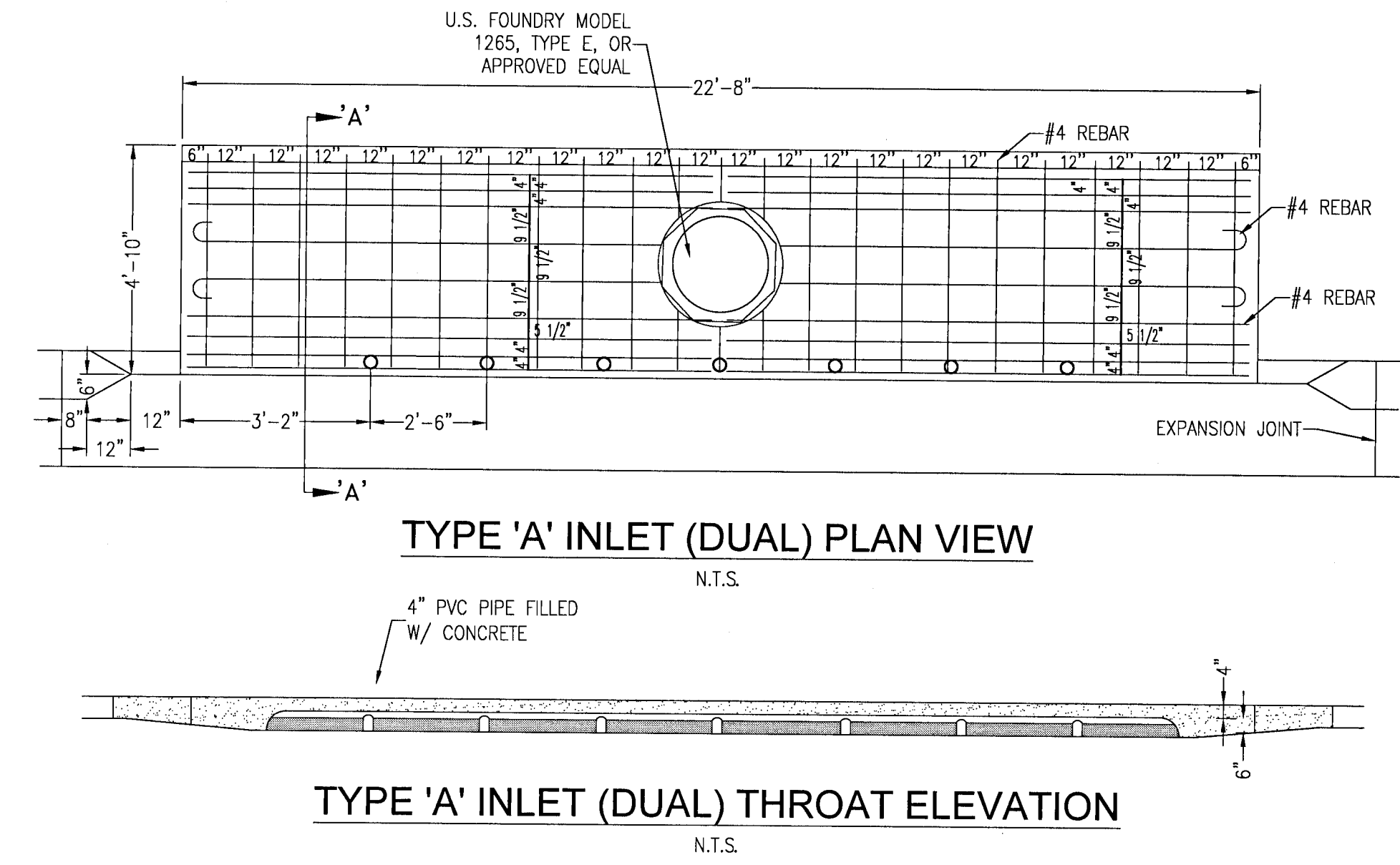
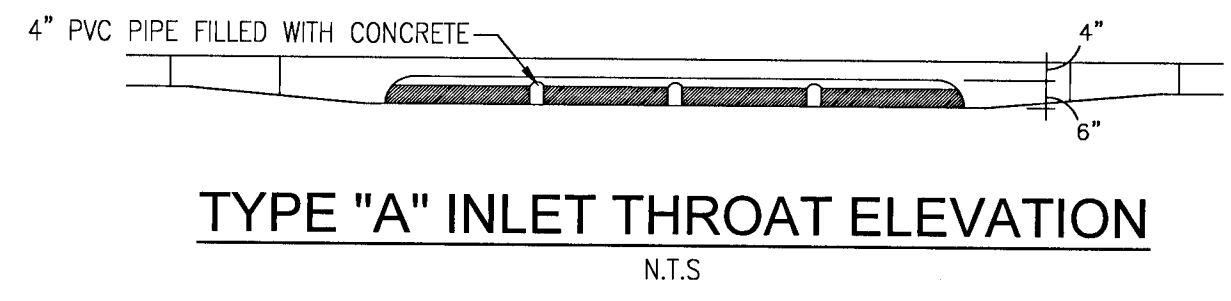
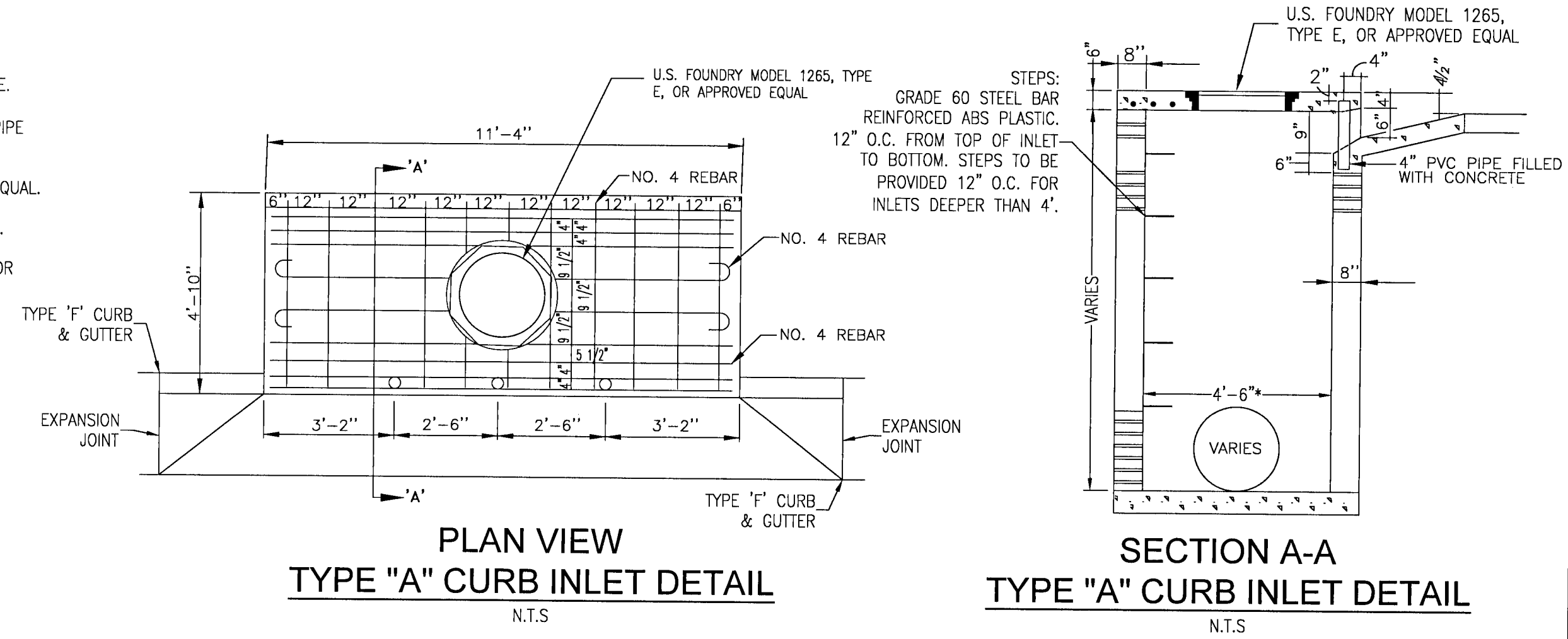
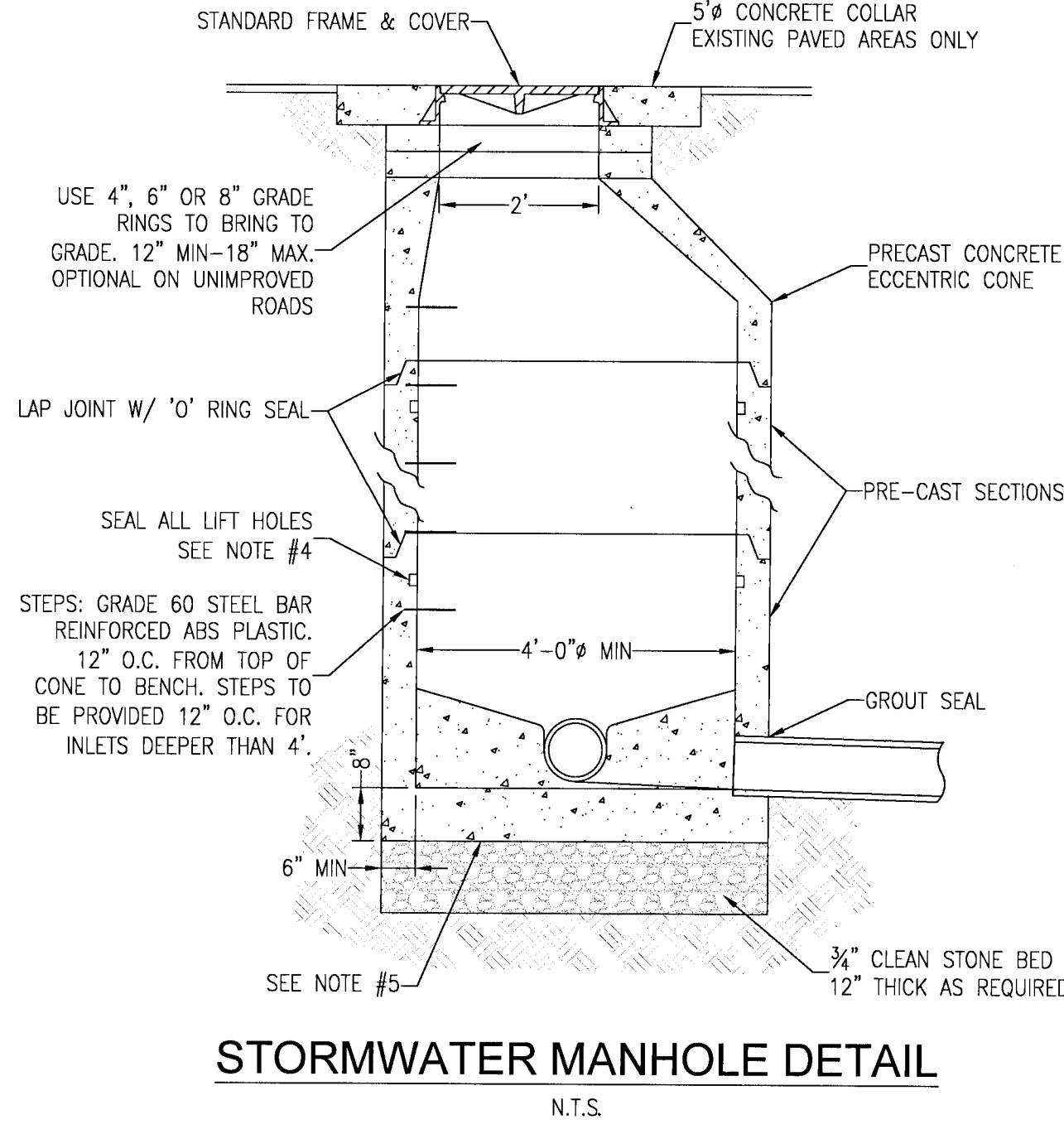




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- NOTES:
1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS WITH 4000 PSI CONCRETE.
  2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
  3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC 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 ASTM C-478.
  6. CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



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E8 0006667

**GRADING AND  
DRAINAGE DETAILS**

**FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA**

No.	DATE	REVISION

SEAL

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

STATE OF FLORIDA

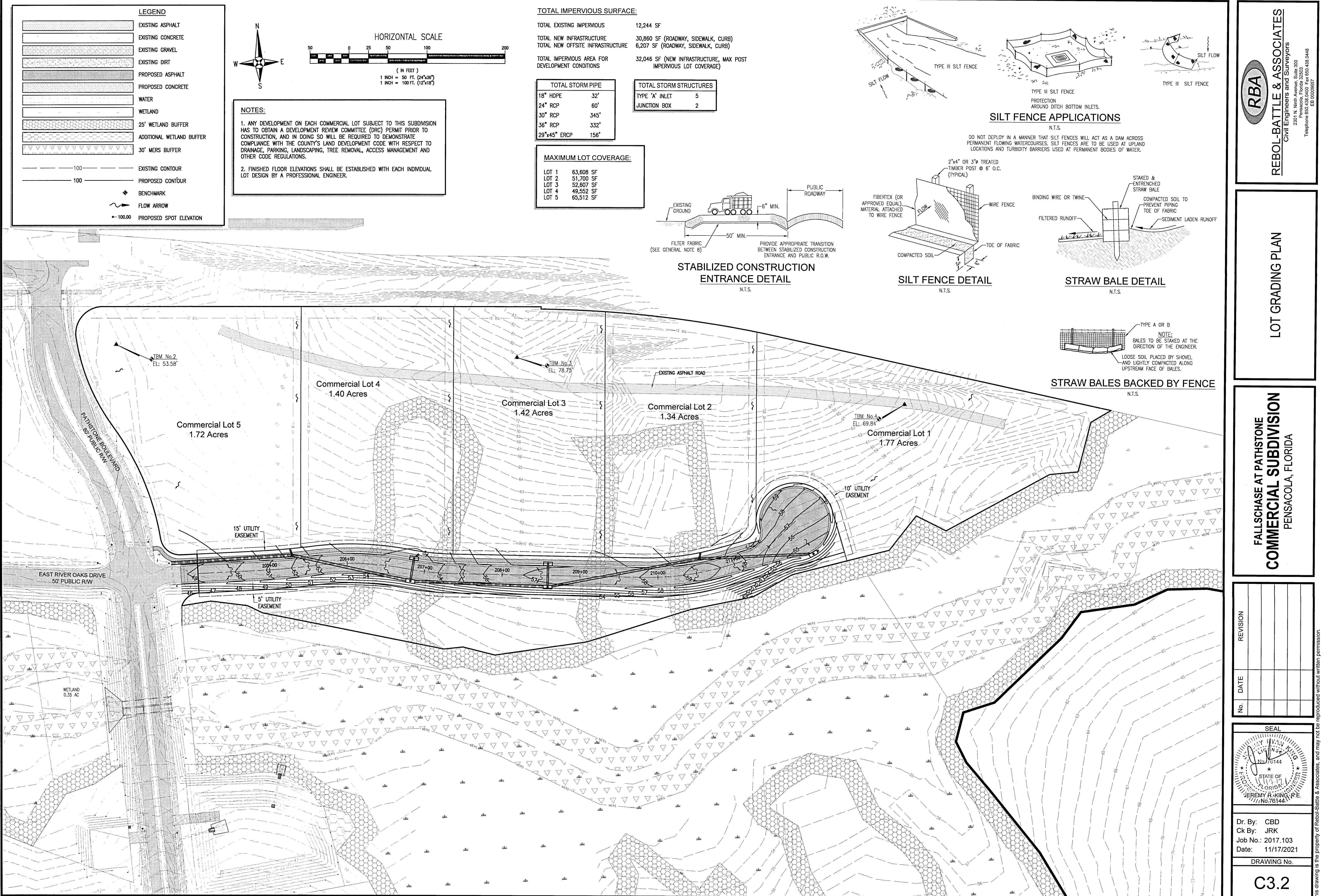
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Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

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**LEGEND**

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

**NOTES:**

1. ANY DEVELOPMENT ON EACH COMMERCIAL LOT SUBJECT TO THIS SUBDIVISION HAS TO OBTAIN A DEVELOPMENT REVIEW COMMITTEE (DRC) PERMIT PRIOR TO CONSTRUCTION, AND IN DOING SO WILL BE REQUIRED TO DEMONSTRATE COMPLIANCE WITH THE COUNTY'S LAND DEVELOPMENT CODE WITH RESPECT TO DRAINAGE, PARKING, LANDSCAPING, TREE REMOVAL, ACCESS MANAGEMENT AND OTHER CODE REGULATIONS.

2. FINISHED FLOOR ELEVATIONS SHALL BE ESTABLISHED WITH EACH INDIVIDUAL LOT DESIGN BY A PROFESSIONAL ENGINEER.

**HORIZONTAL SCALE**

1 INCH = 50 FT. (24"x36")  
1 INCH = 100 FT. (12"x18")

**TOTAL IMPERVIOUS SURFACE:**

TOTAL EXISTING IMPERVIOUS	12,244 SF
TOTAL NEW INFRASTRUCTURE	30,860 SF (ROADWAY, SIDEWALK, CURB)
TOTAL NEW OFFSITE INFRASTRUCTURE	6,207 SF (ROADWAY, SIDEWALK, CURB)
TOTAL IMPERVIOUS AREA FOR DEVELOPMENT CONDITIONS	32,046 SF (NEW INFRASTRUCTURE, MAX POST IMPERVIOUS LOT COVERAGE)

**TOTAL STORM PIPE**

18" HDPE	32'
24" RCP	60'
30" RCP	345'
36" RCP	332'
29"x45" ERCP	156'

**TOTAL STORM STRUCTURES**

TYPE 'A' INLET	5
JUNCTION BOX	2

**MAXIMUM LOT COVERAGE:**

LOT 1	63,608 SF
LOT 2	51,700 SF
LOT 3	52,607 SF
LOT 4	49,552 SF
LOT 5	65,512 SF

**SILT FENCE APPLICATIONS**

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.

**STABILIZED CONSTRUCTION ENTRANCE DETAIL**

**SILT FENCE DETAIL**

**STRAW BALE DETAIL**

**STRAW BALES BACKED BY FENCE**

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EID 00006857

**LOT GRADING PLAN**

**FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA**

No.	DATE	REVISION

**SEAL**

STATE OF FLORIDA  
JEREMY R. KING, P.E.  
No. 76144

Dr. By: CBD  
Ck By: JRK  
Job No.: 2017.103  
Date: 11/17/2021

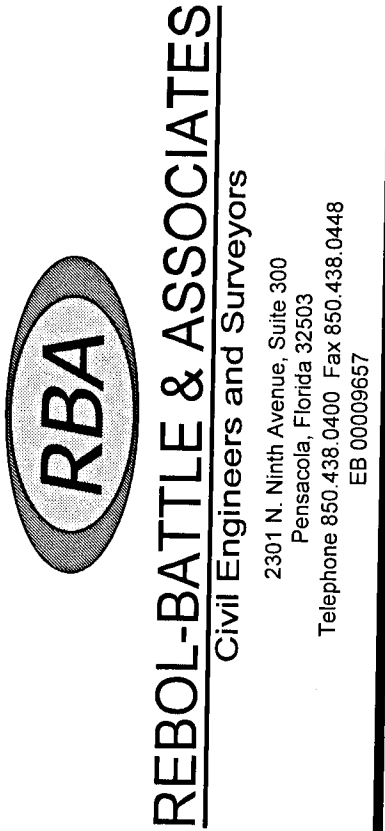
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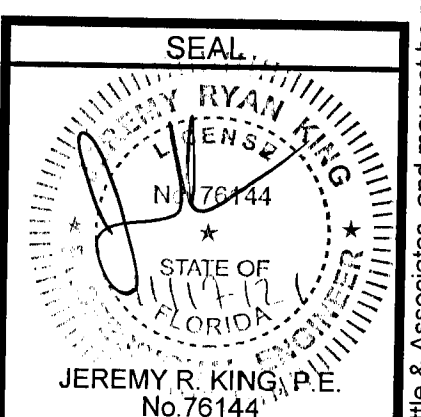


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- A north arrow pointing towards the top of the page, labeled with N, S, E, and W. Below it is a horizontal scale bar with markings at 0, 25, 50, and 100 feet. The scale bar is divided into two sections: the first section is labeled '1 INCH = 50 FT. (24"x36")' and the second section is labeled '1 INCH = 100 FT. (12"x18")'.



## UTILITY PLAN

**FALLSCHASE AT PATHSTONE**  
**COMMERCIAL SUBDIVISION**  
PENSACOLA, FLORIDA

[illegible]

Dr. By: CBD  
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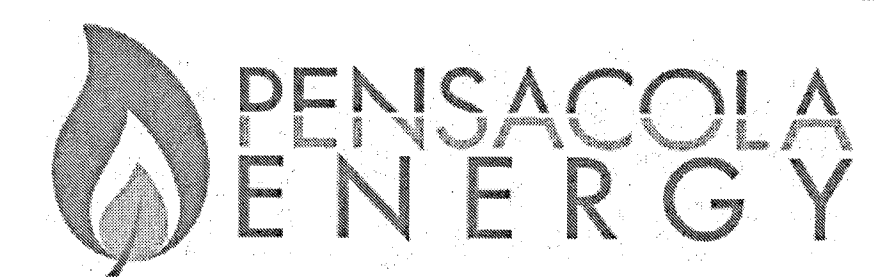
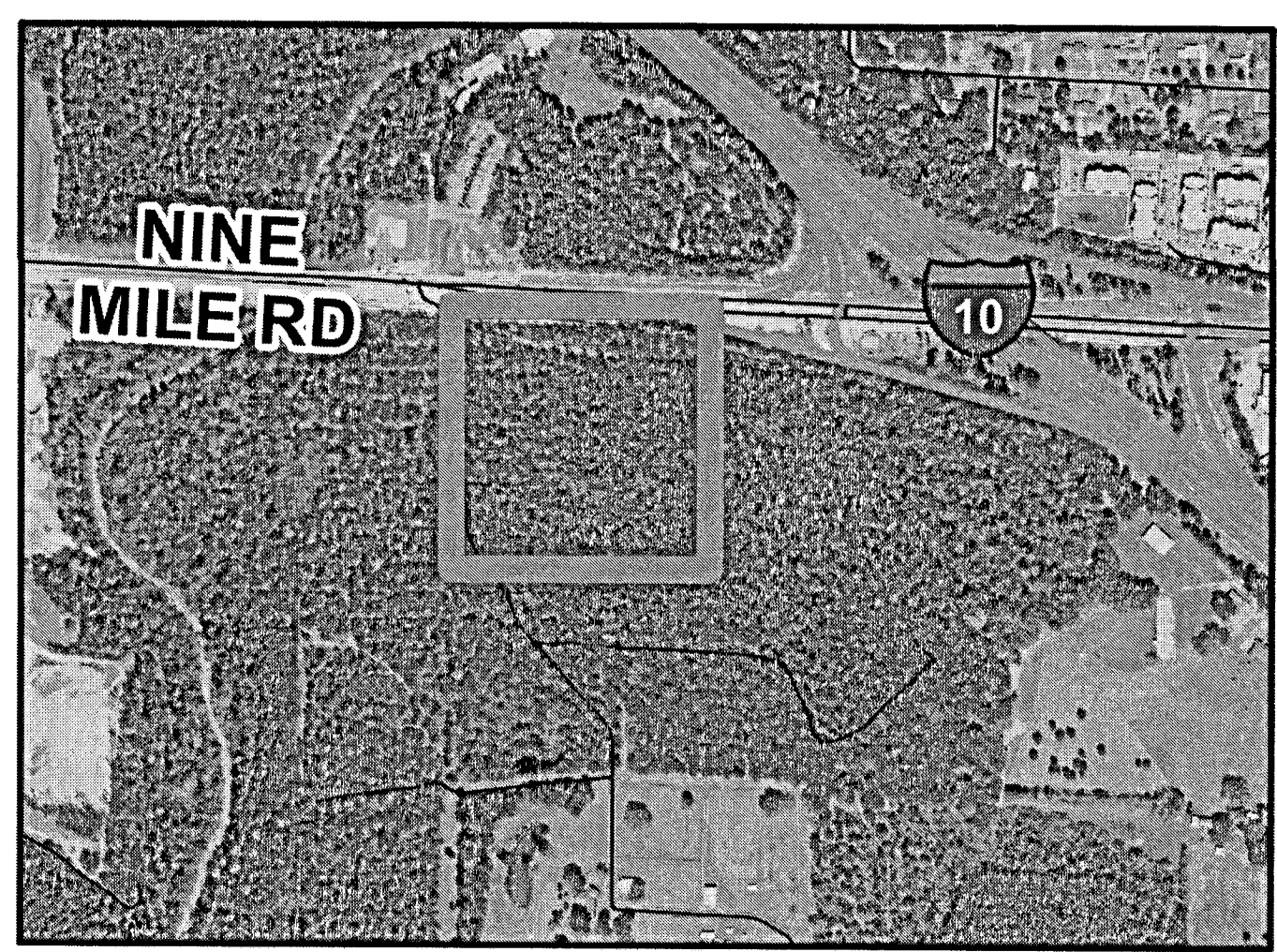
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# Proposed Installation: PATHSTONE SUBDIVISION

- INSTALL APPROXIMATELY 934 FEET 2" POLYETHYLENE GAS MAIN.
- VERIFY ALL PRESSURES BEFORE MAKING TIE-IN'S
- INSTALL ALL MAIN AT A DEPTH BETWEEN 30" - 36" (PER PENSACOLA ENERGY OPERATIONS MANUAL)
- WHEN INSTALLING GAS VALVES AVOID INSTALLATIONS IN DRIVEWAYS, SIDEWALKS, AND ASPHALT WHERE POSSIBLE



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## UTILITY DETAILS

## FALLSCHASE AT PATHSTONE COMMERCIAL SUBDIVISION PENSACOLA, FLORIDA

No.	DATE	REVISION

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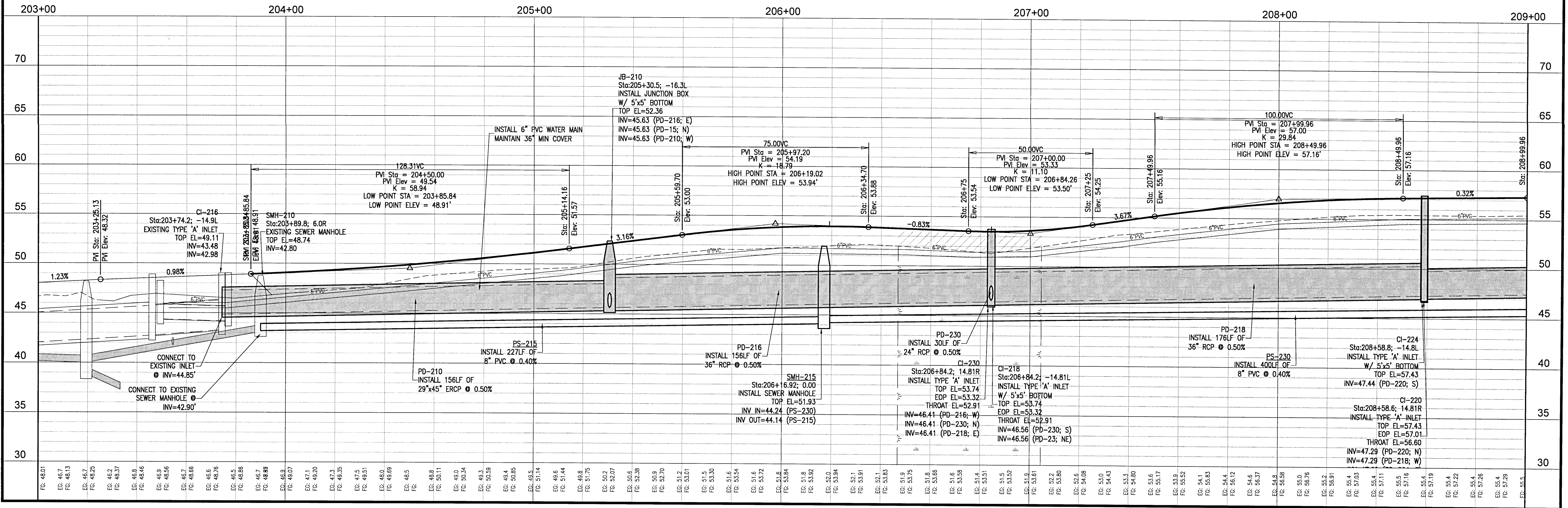
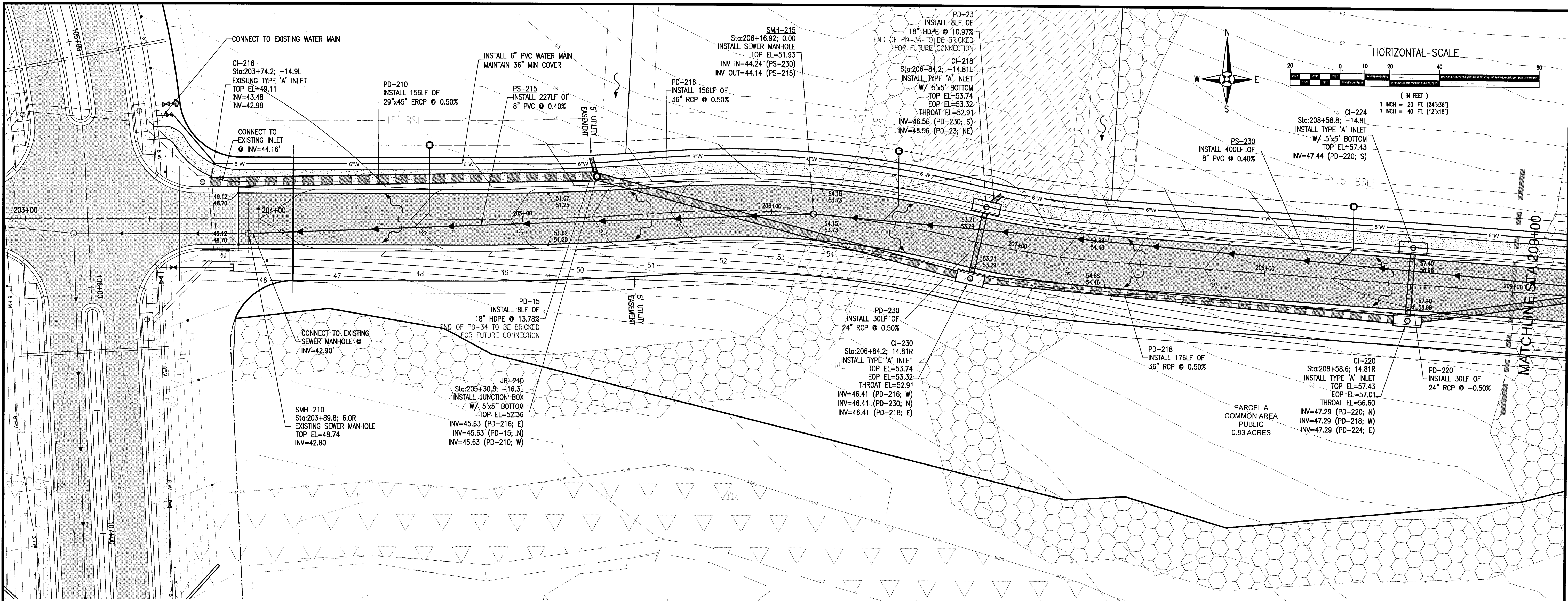
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PLAN & PROFILES

FALLSCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

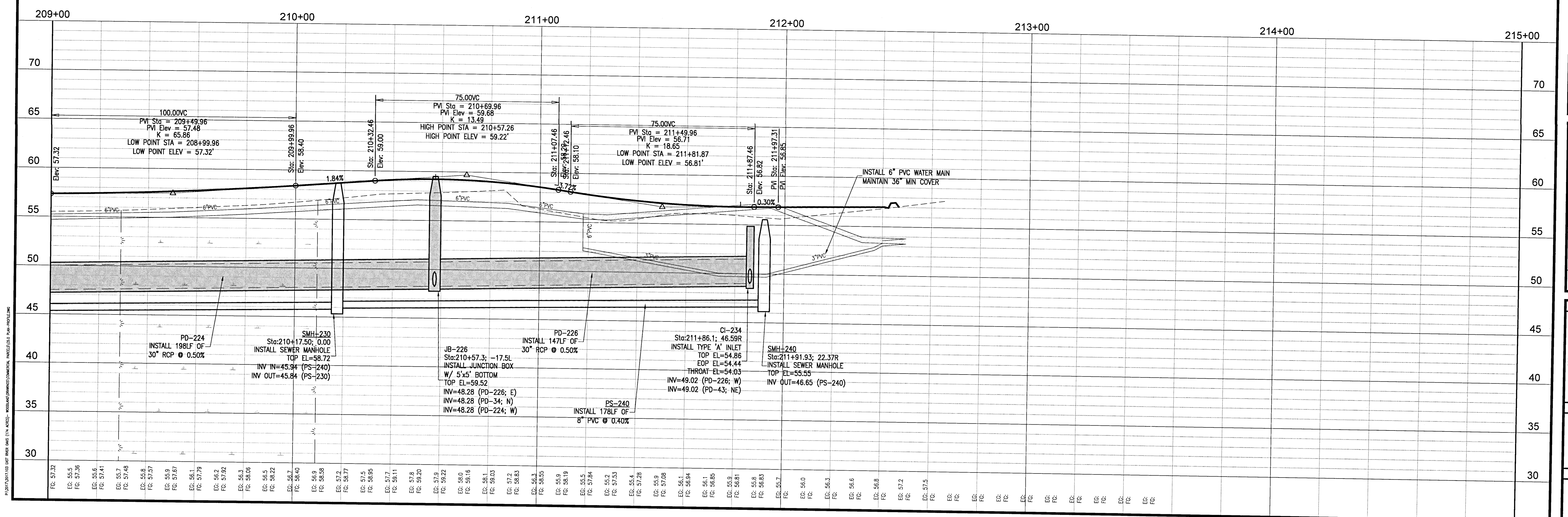
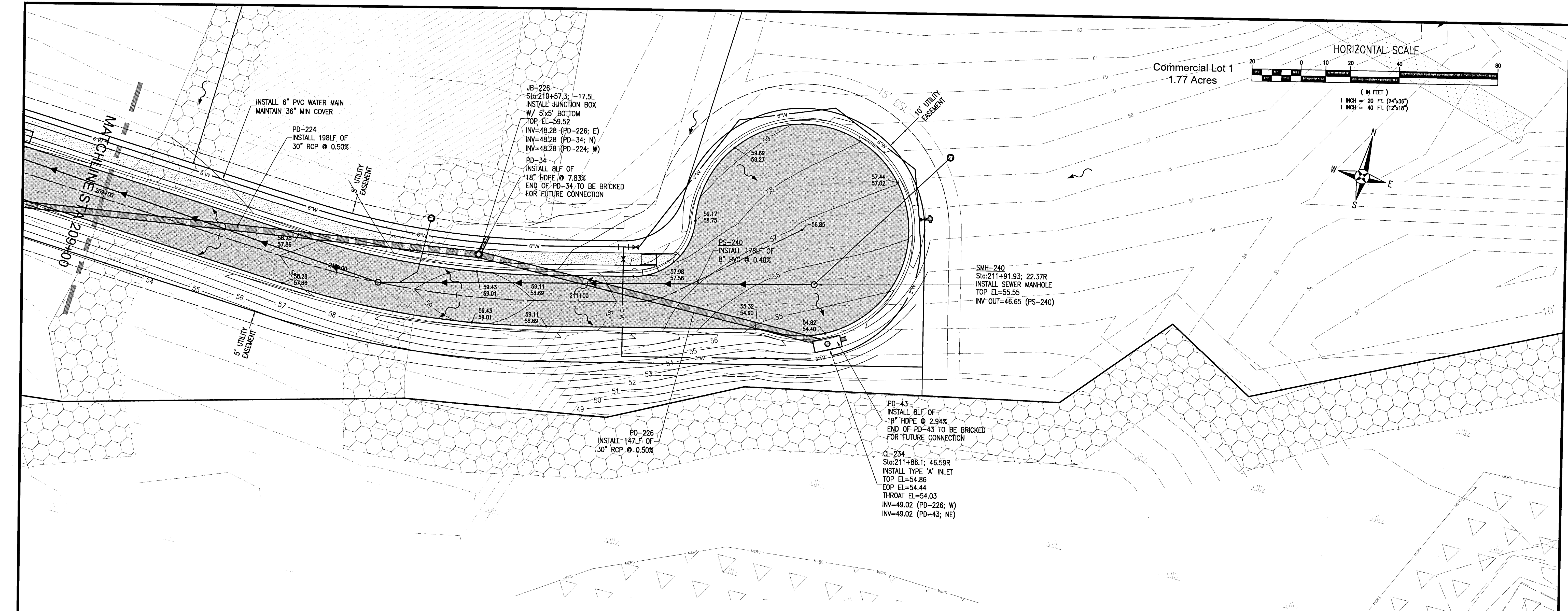
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PLAN & PROFILES

FALLCHASE AT PATHSTONE  
COMMERCIAL SUBDIVISION  
PENSACOLA, FLORIDA

No.	DATE	REVISION

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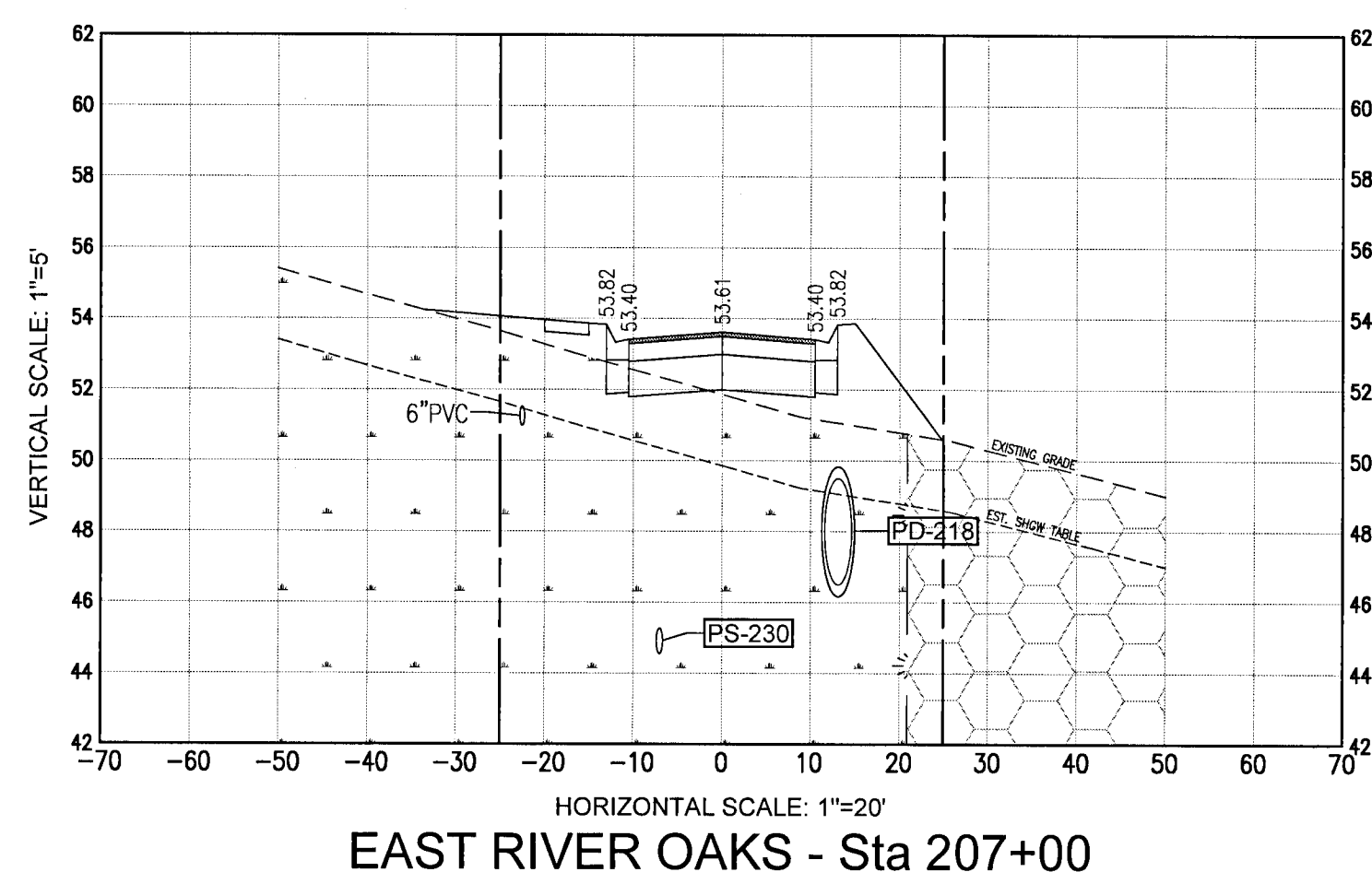
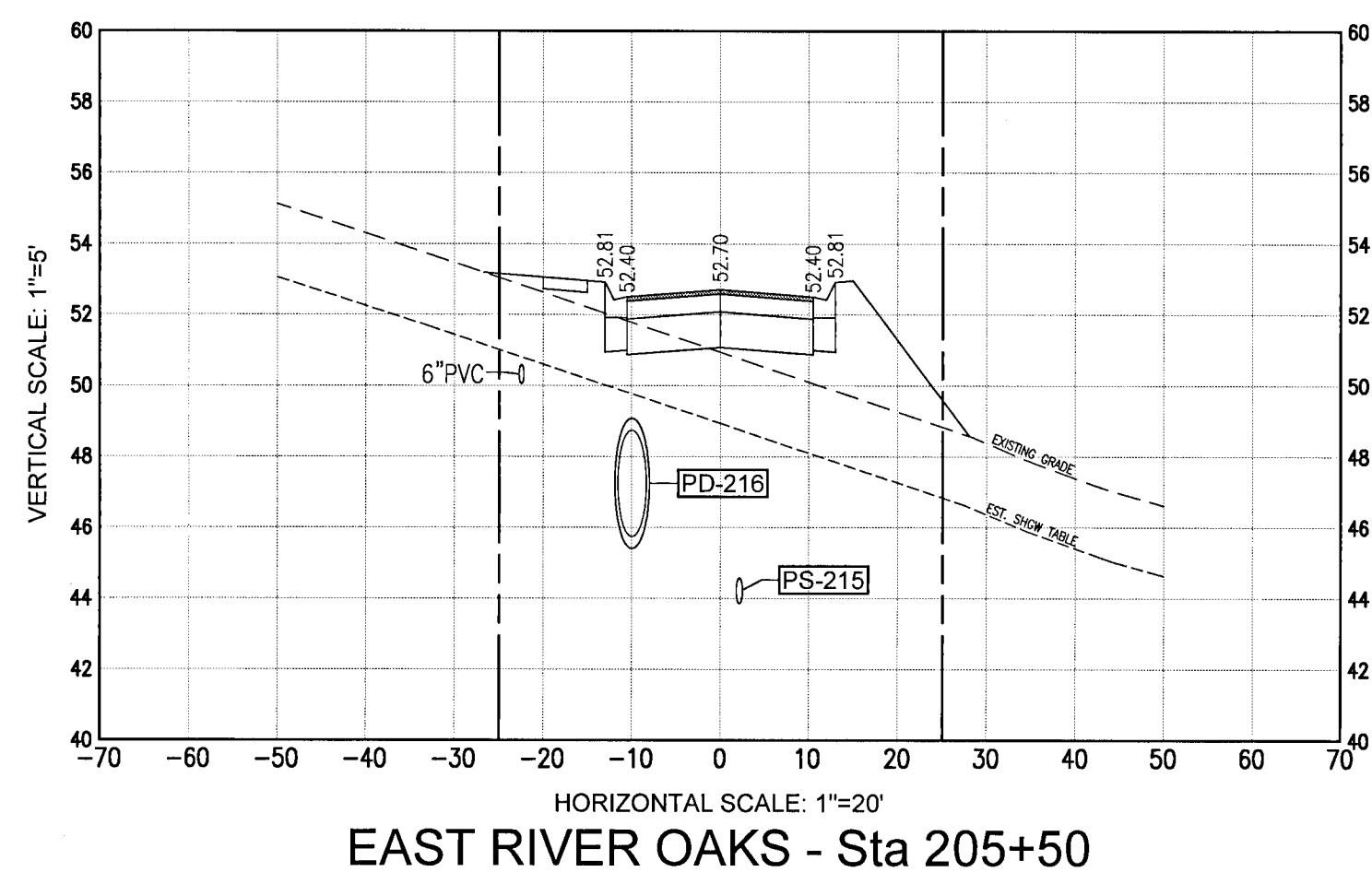
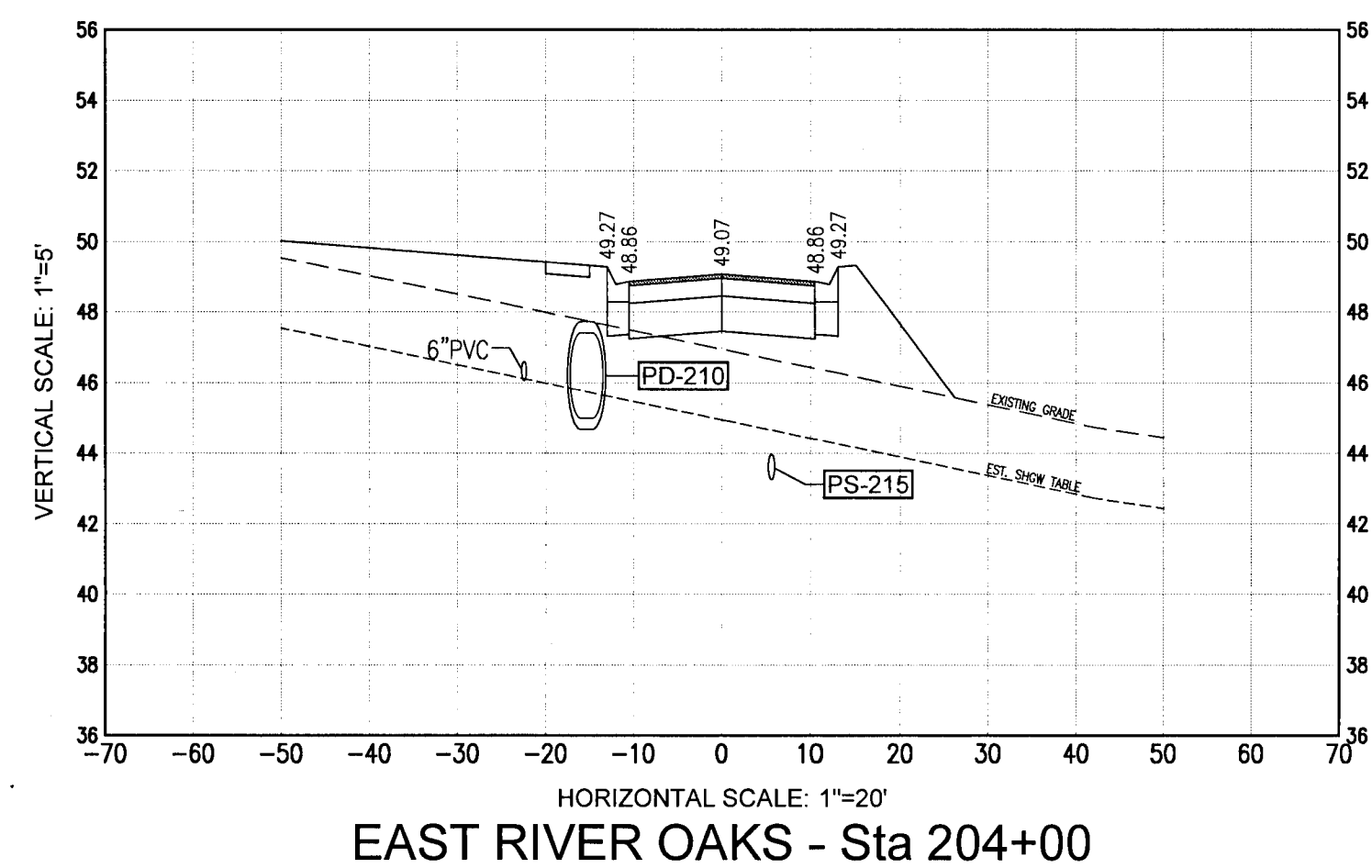
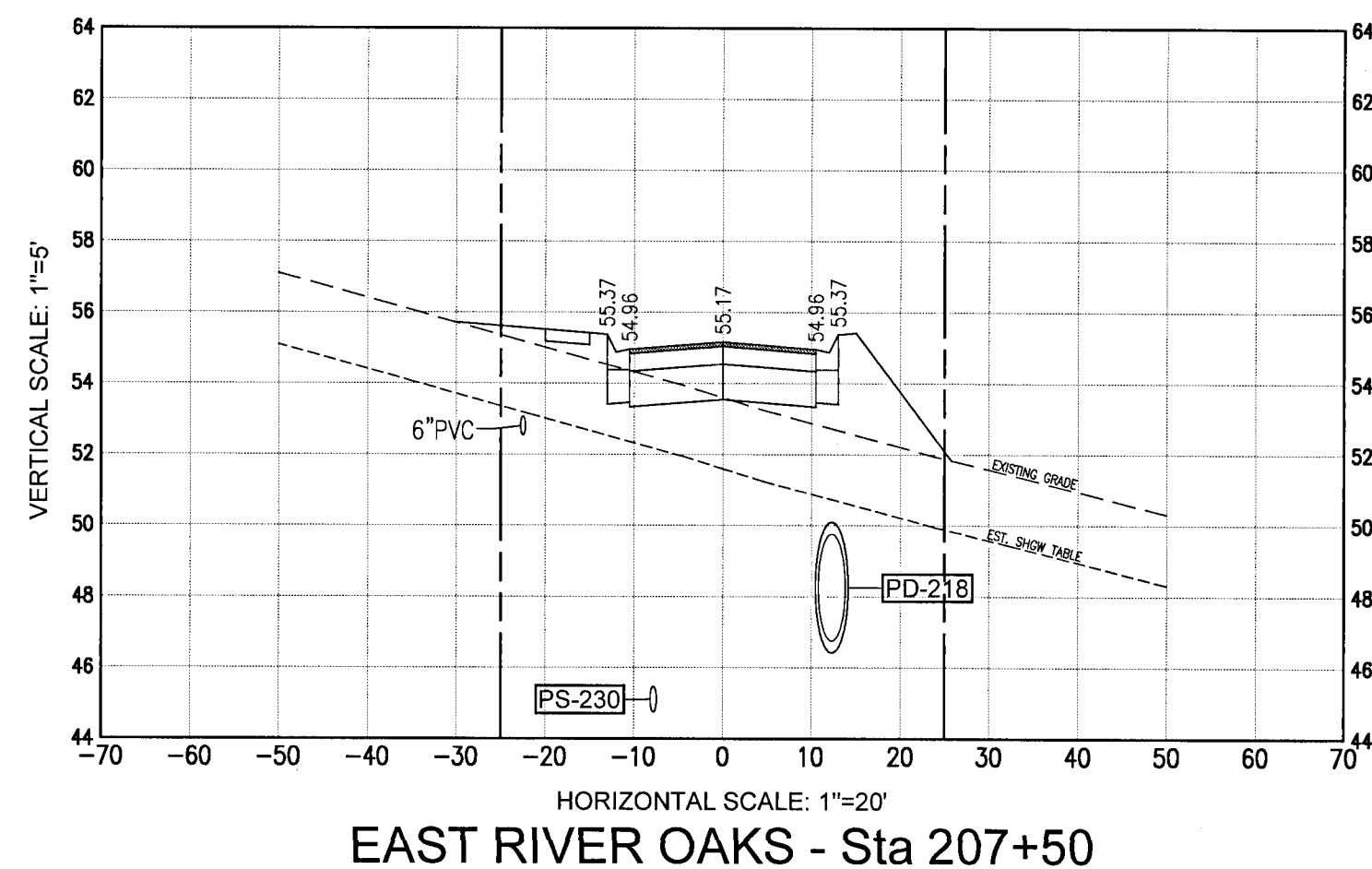
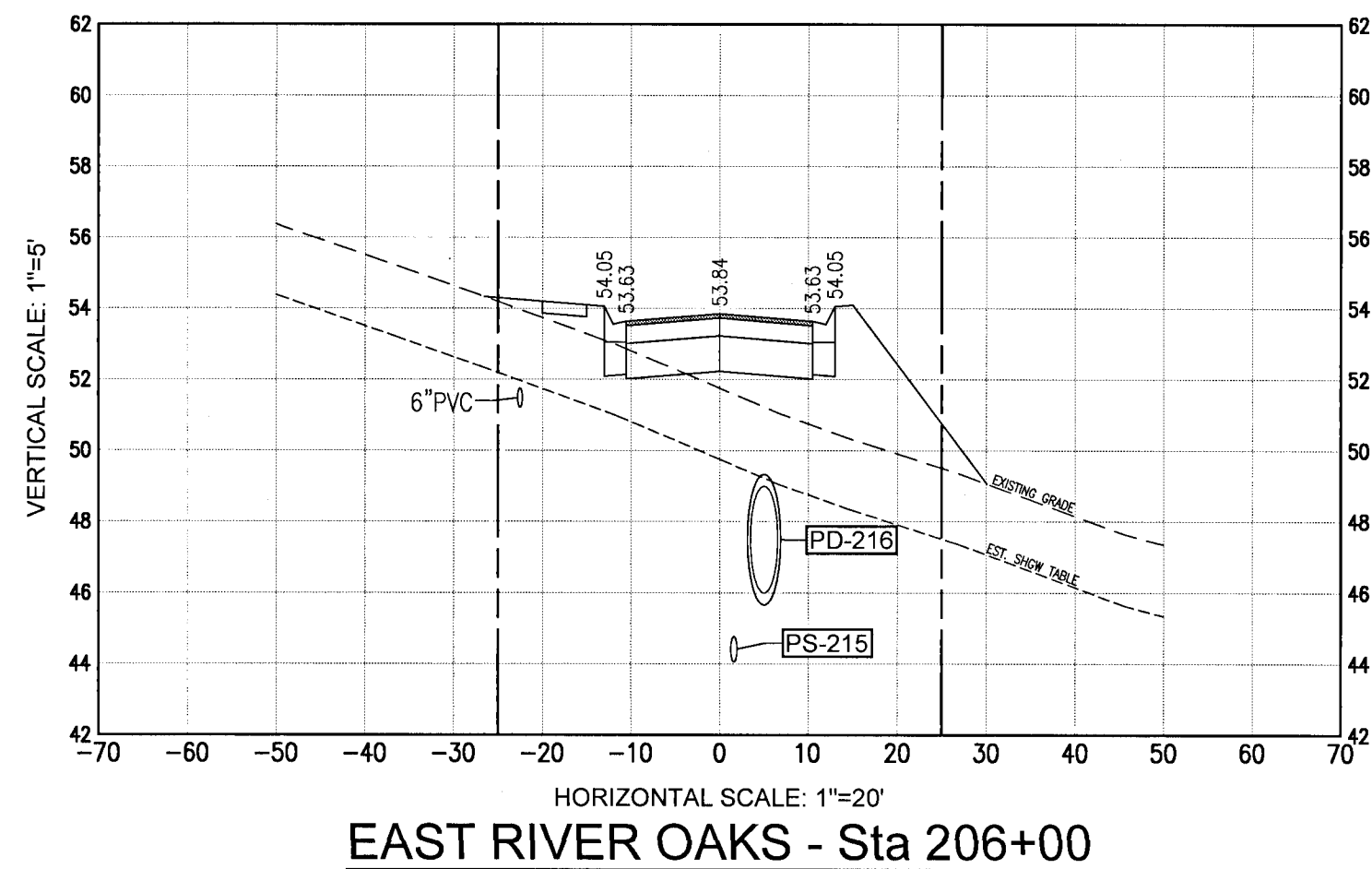
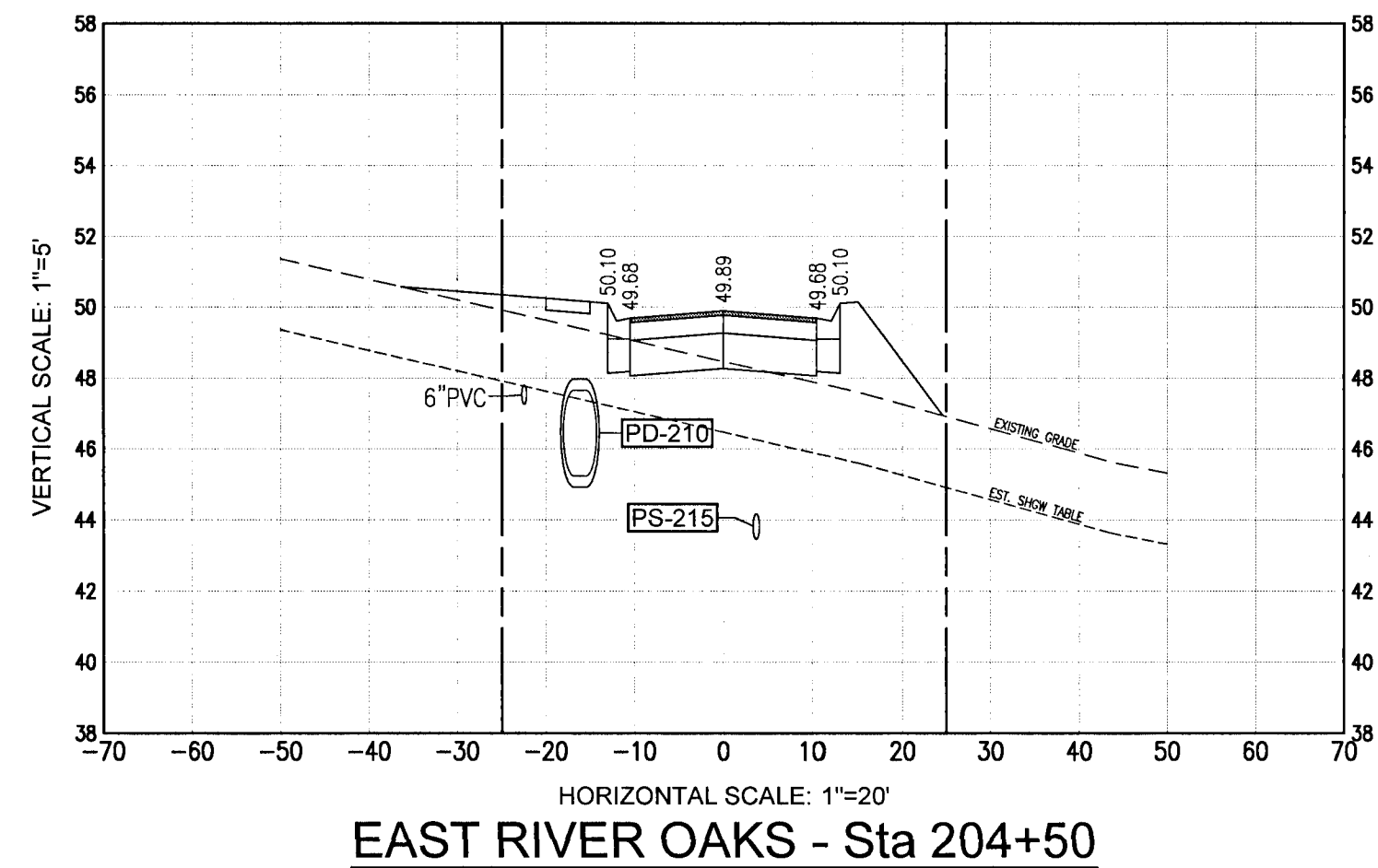
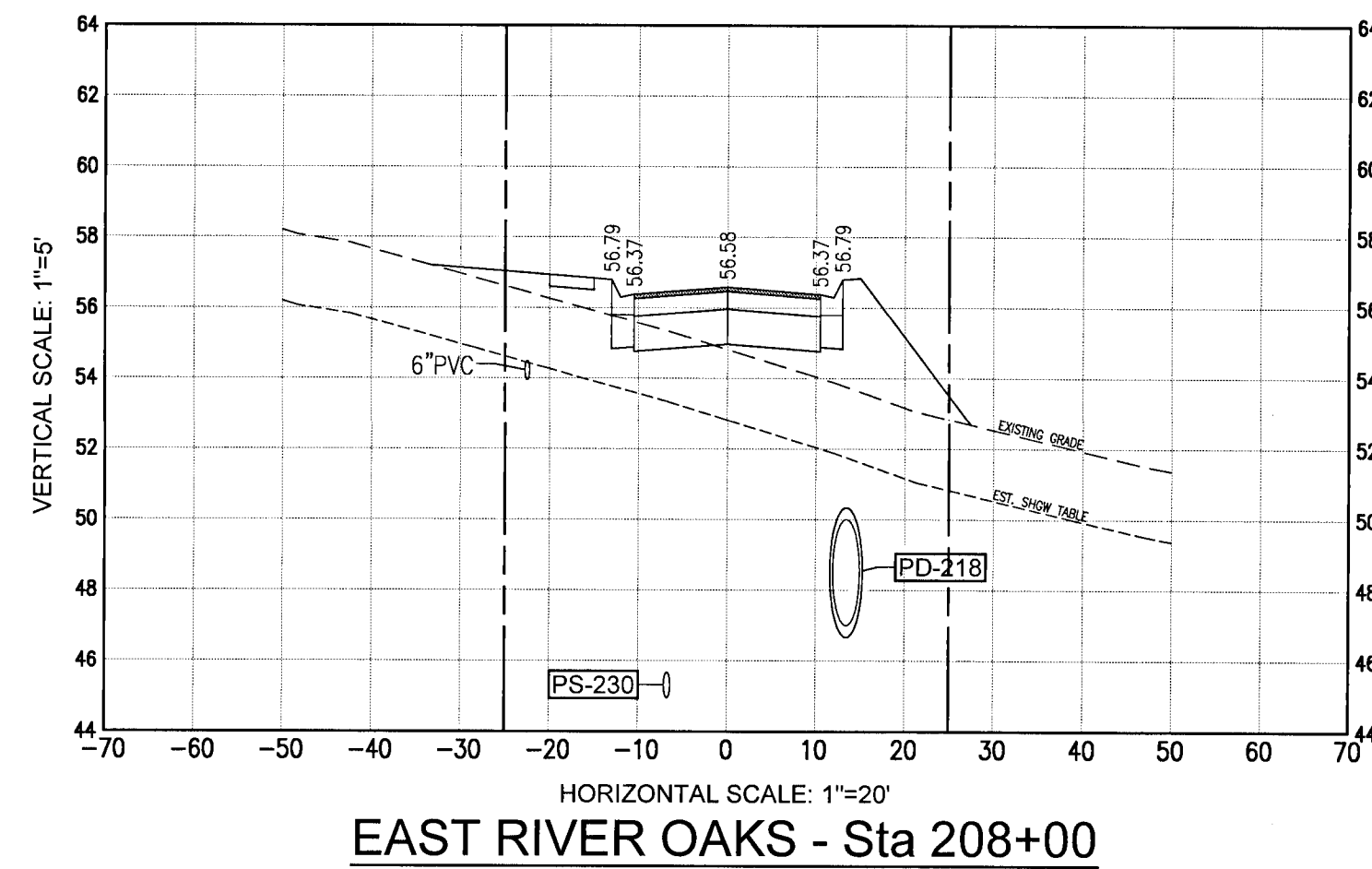
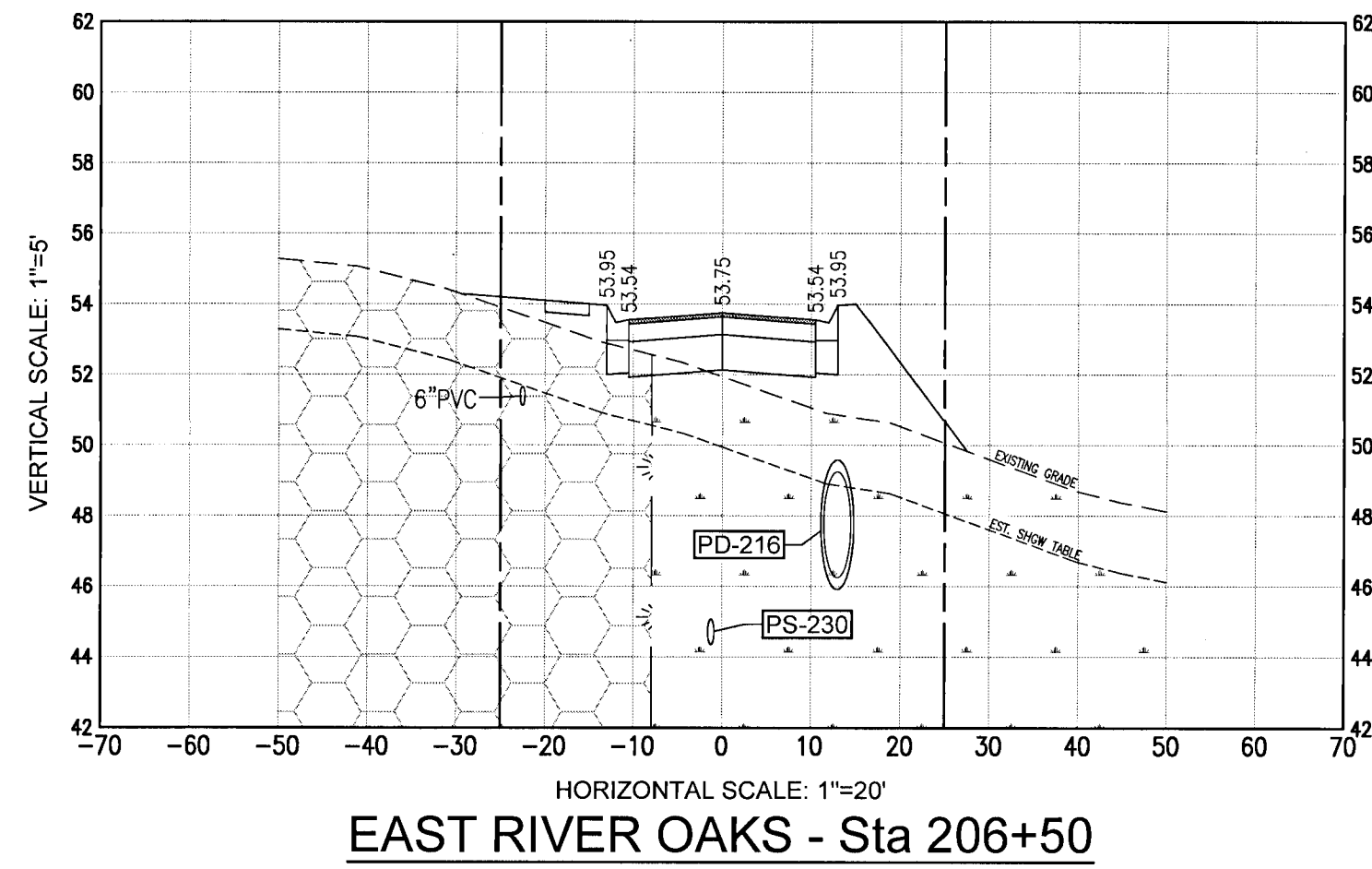
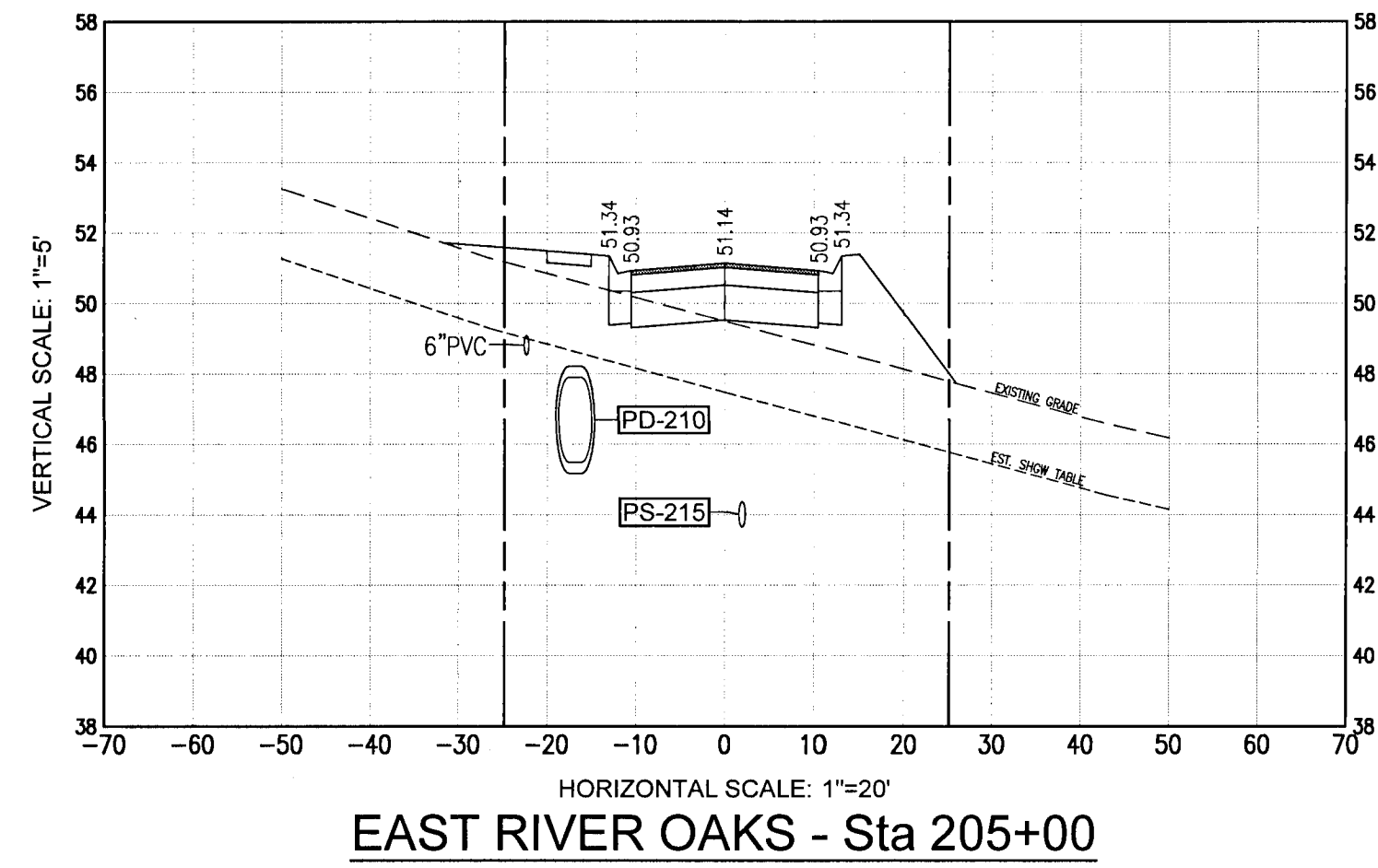
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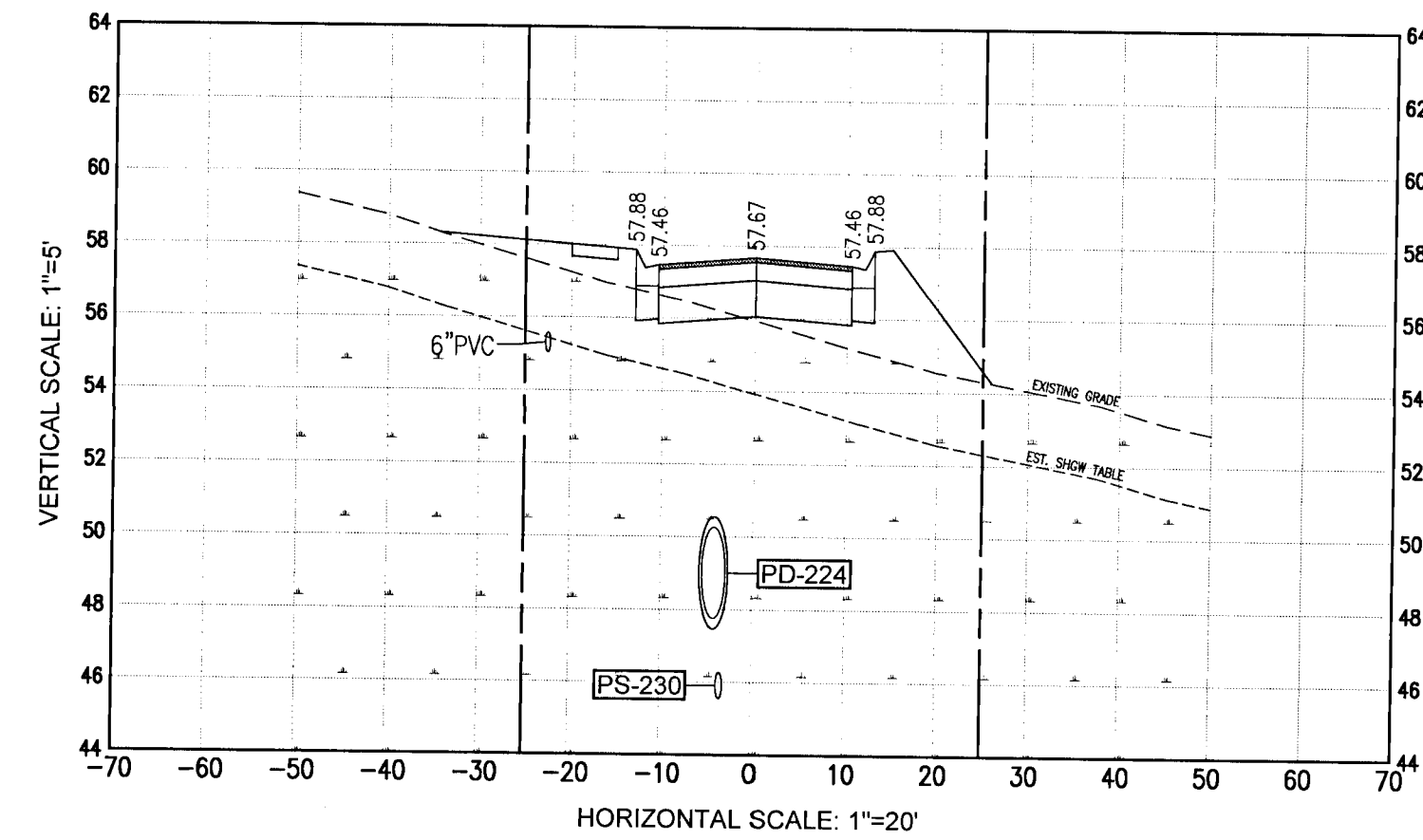


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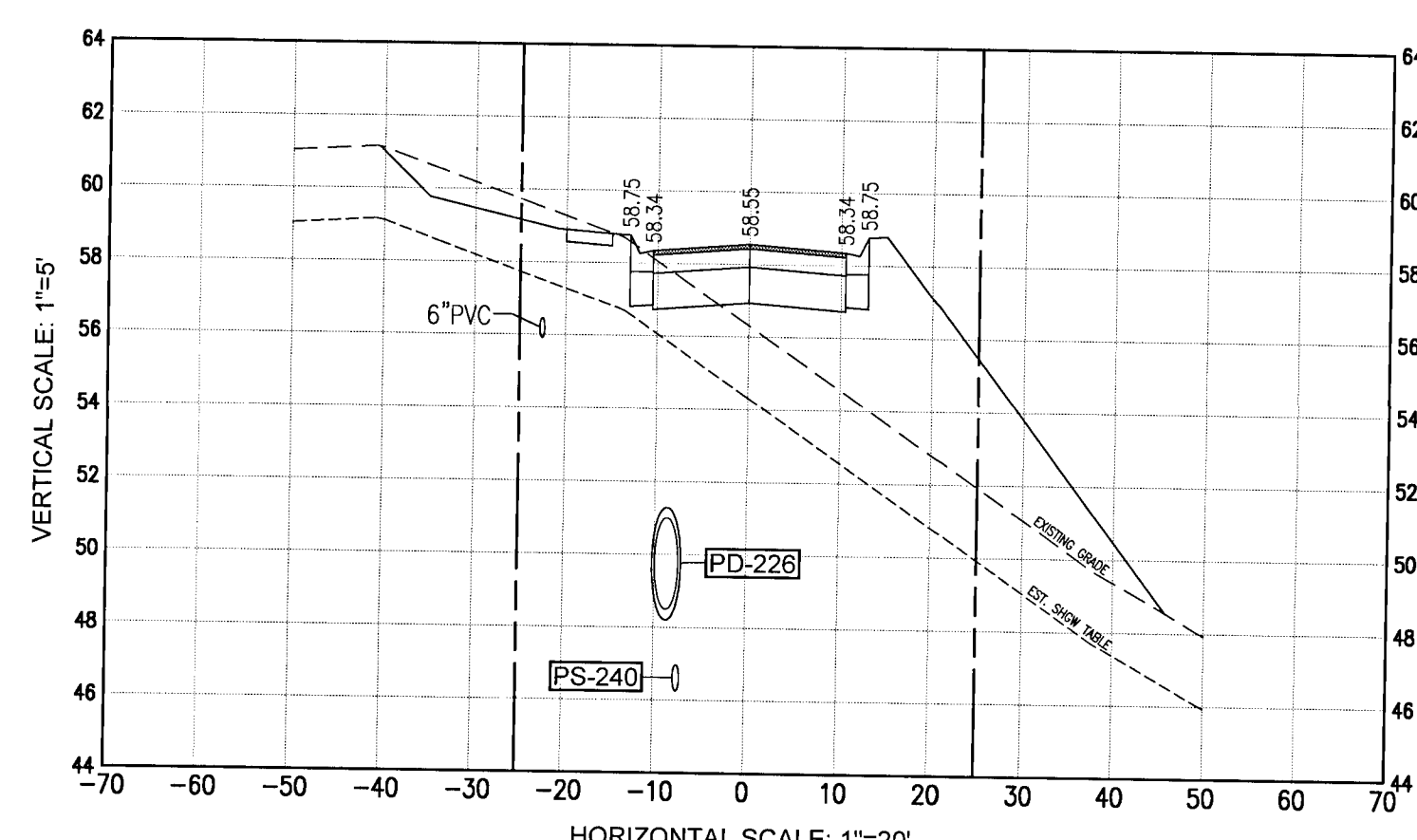
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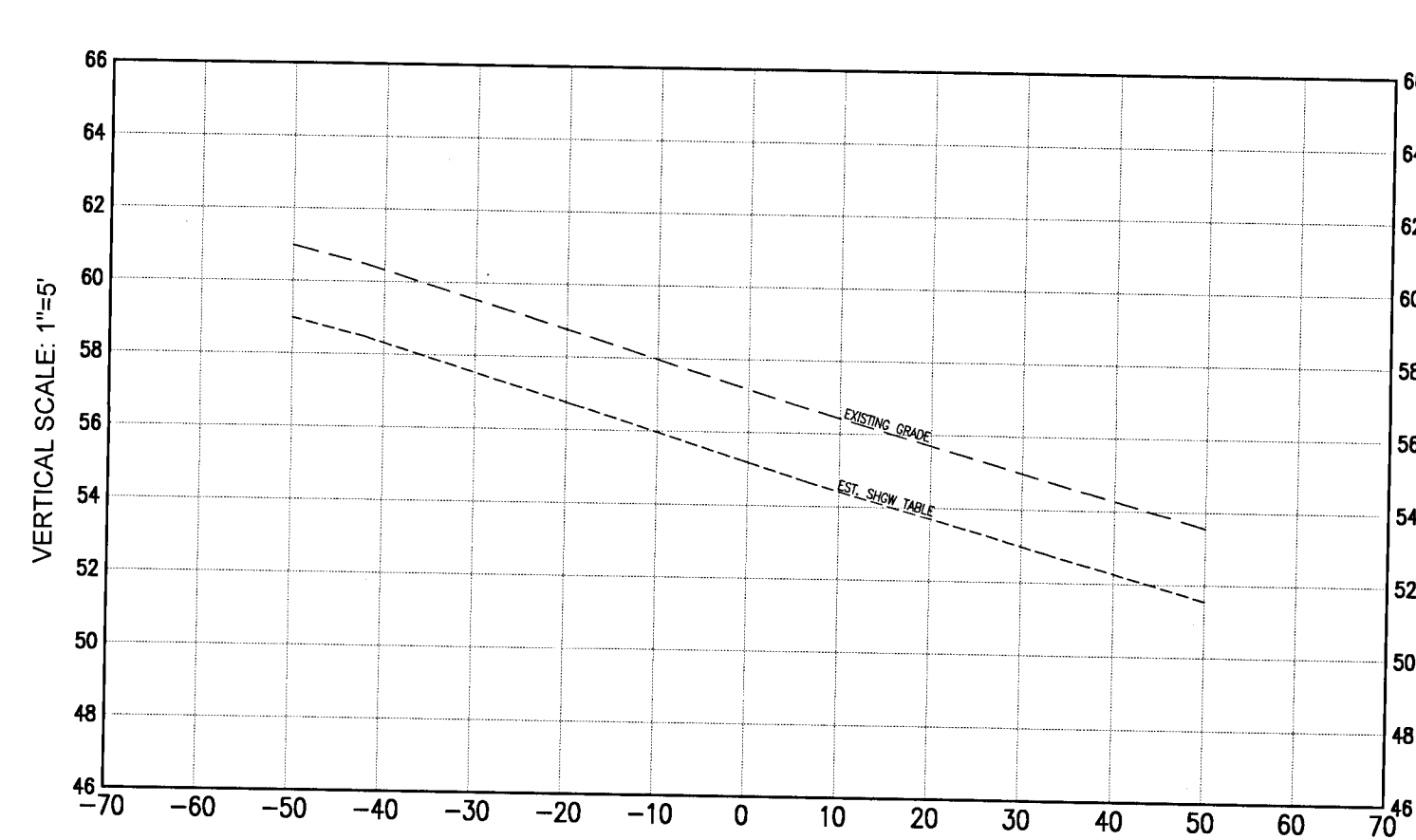
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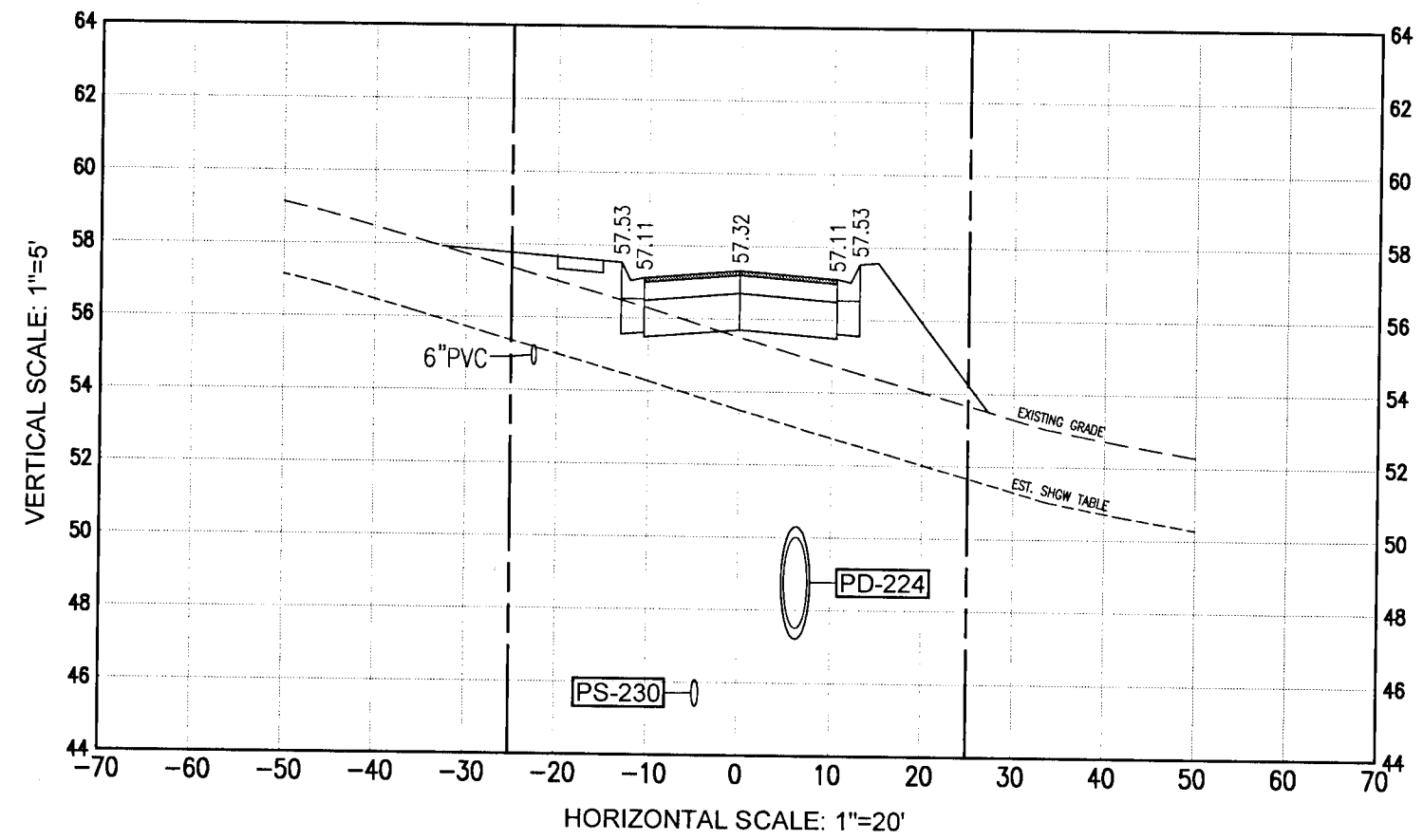
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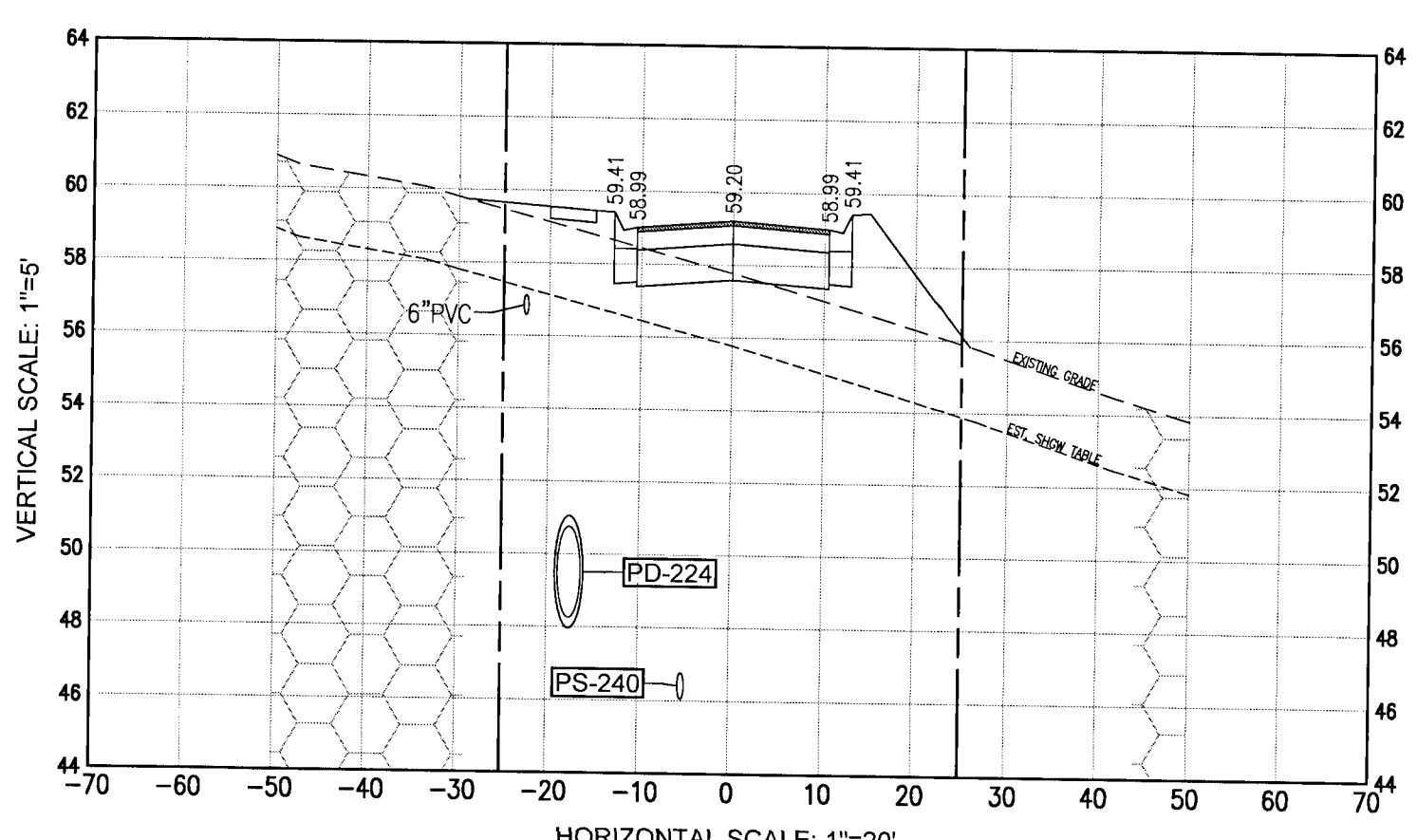
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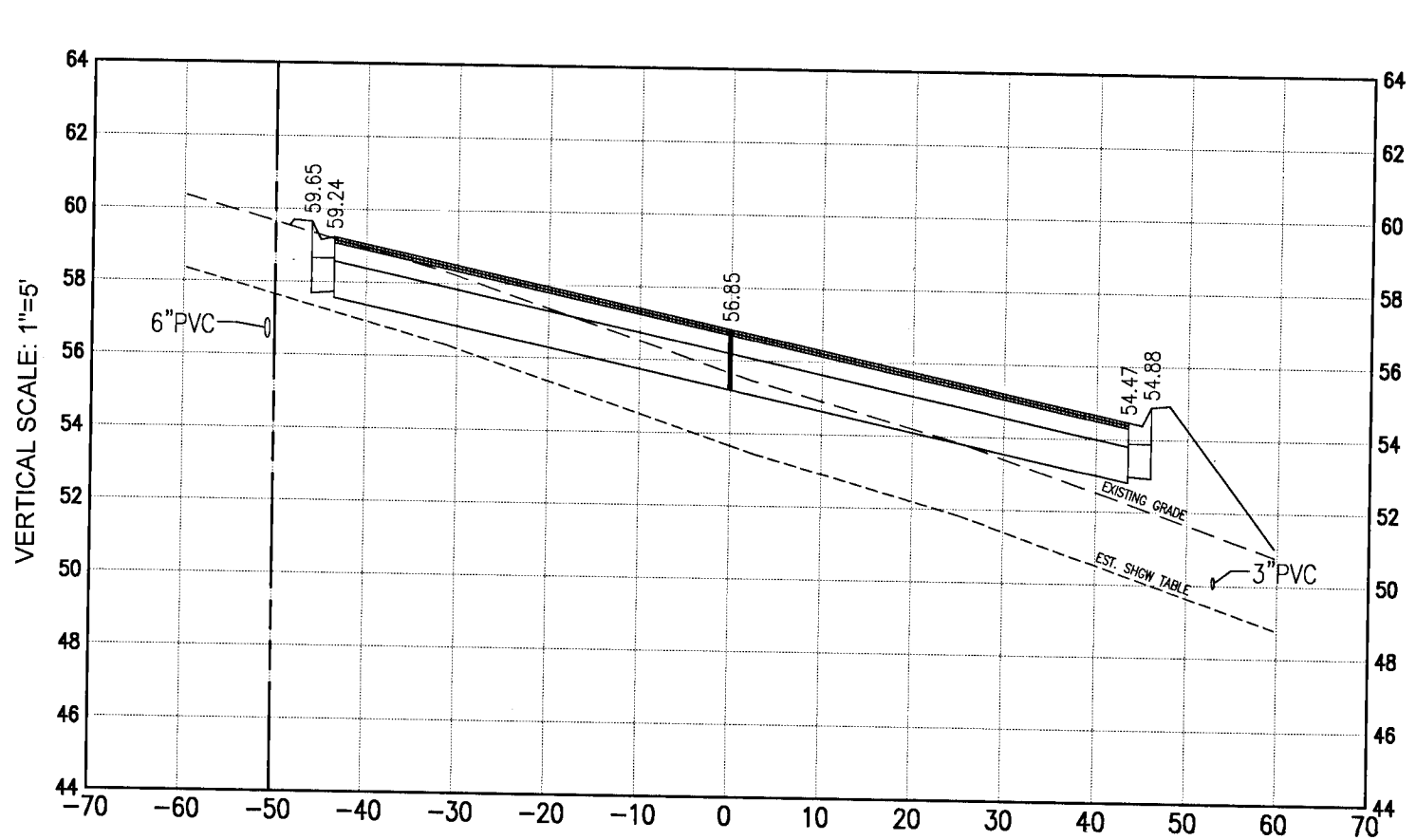
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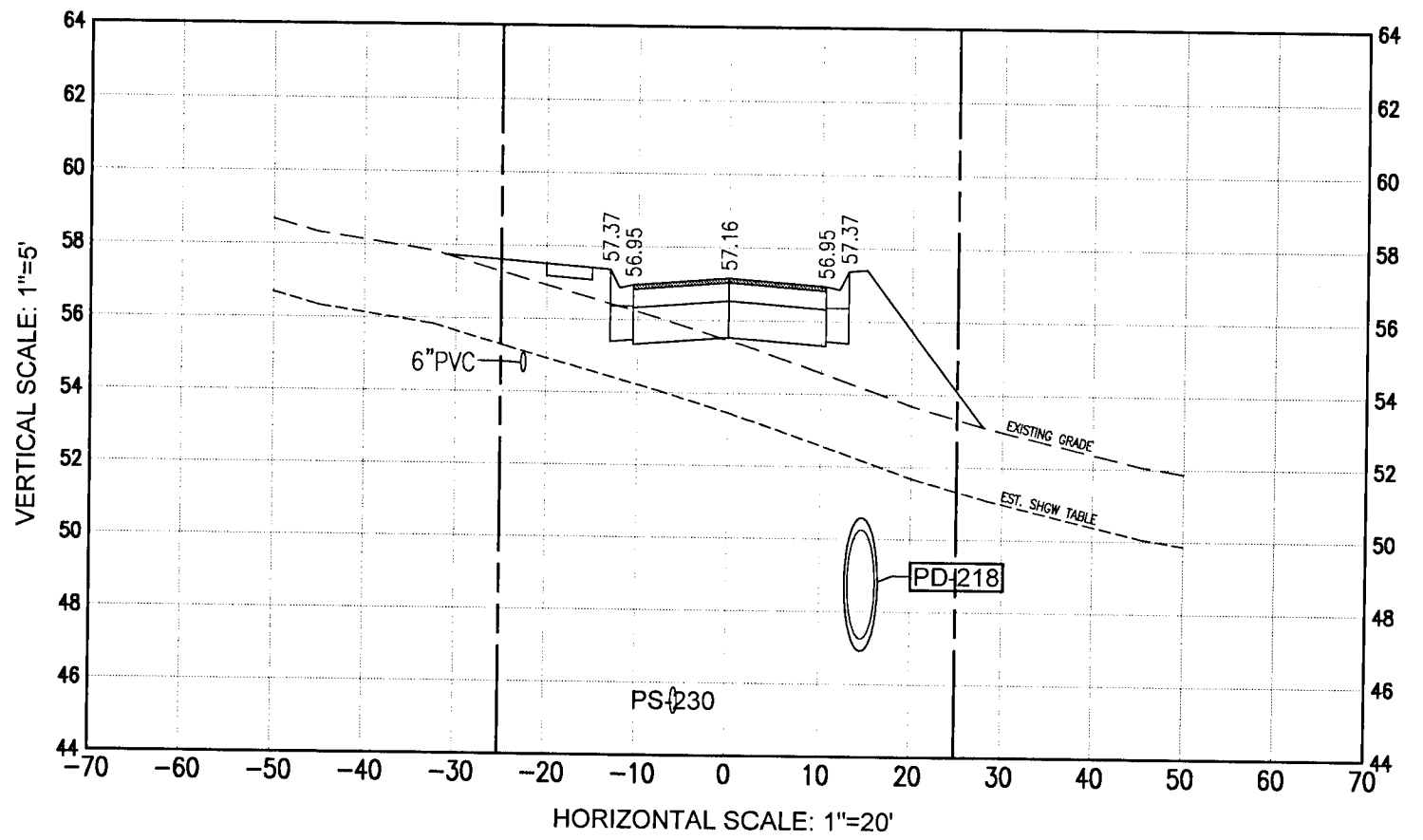
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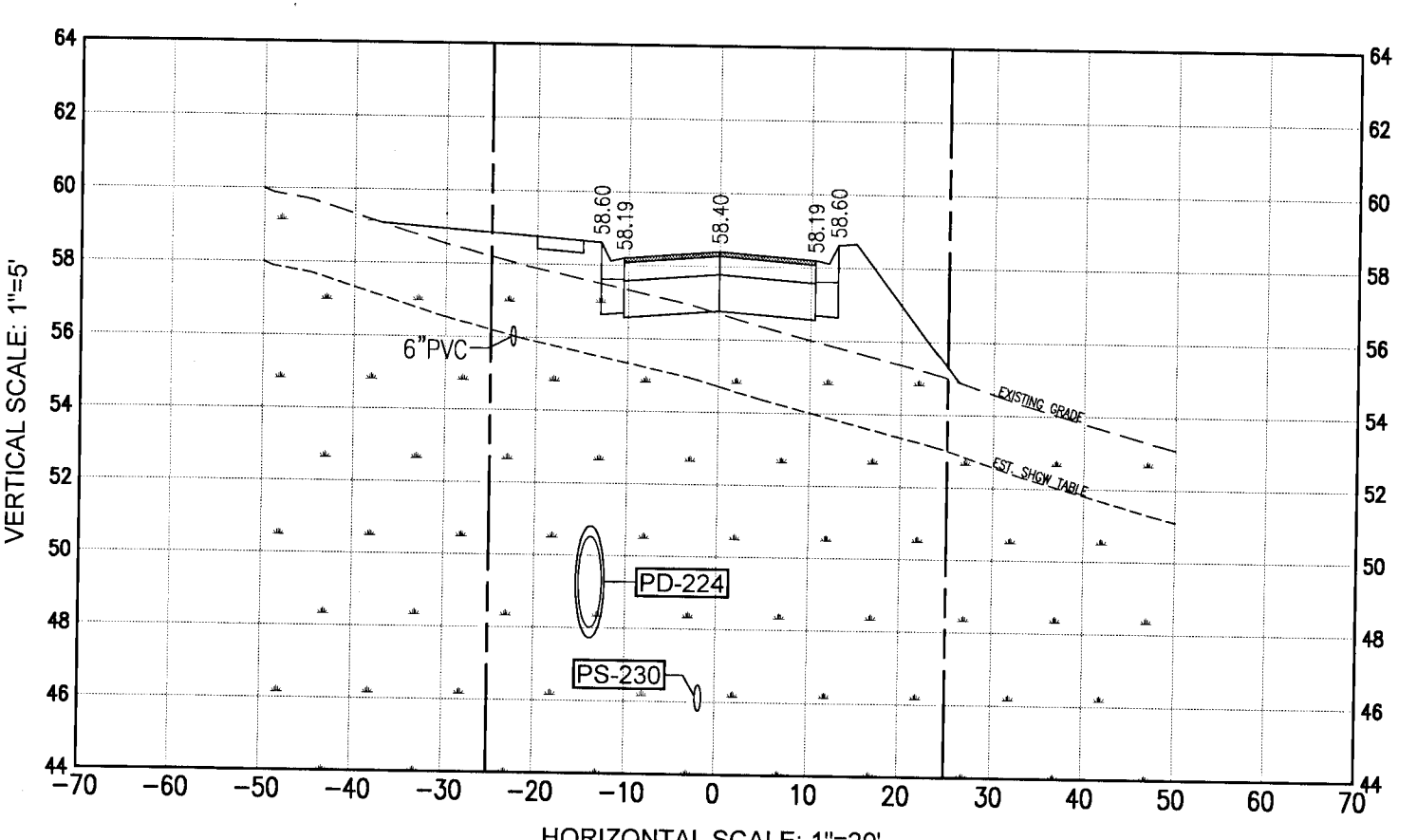
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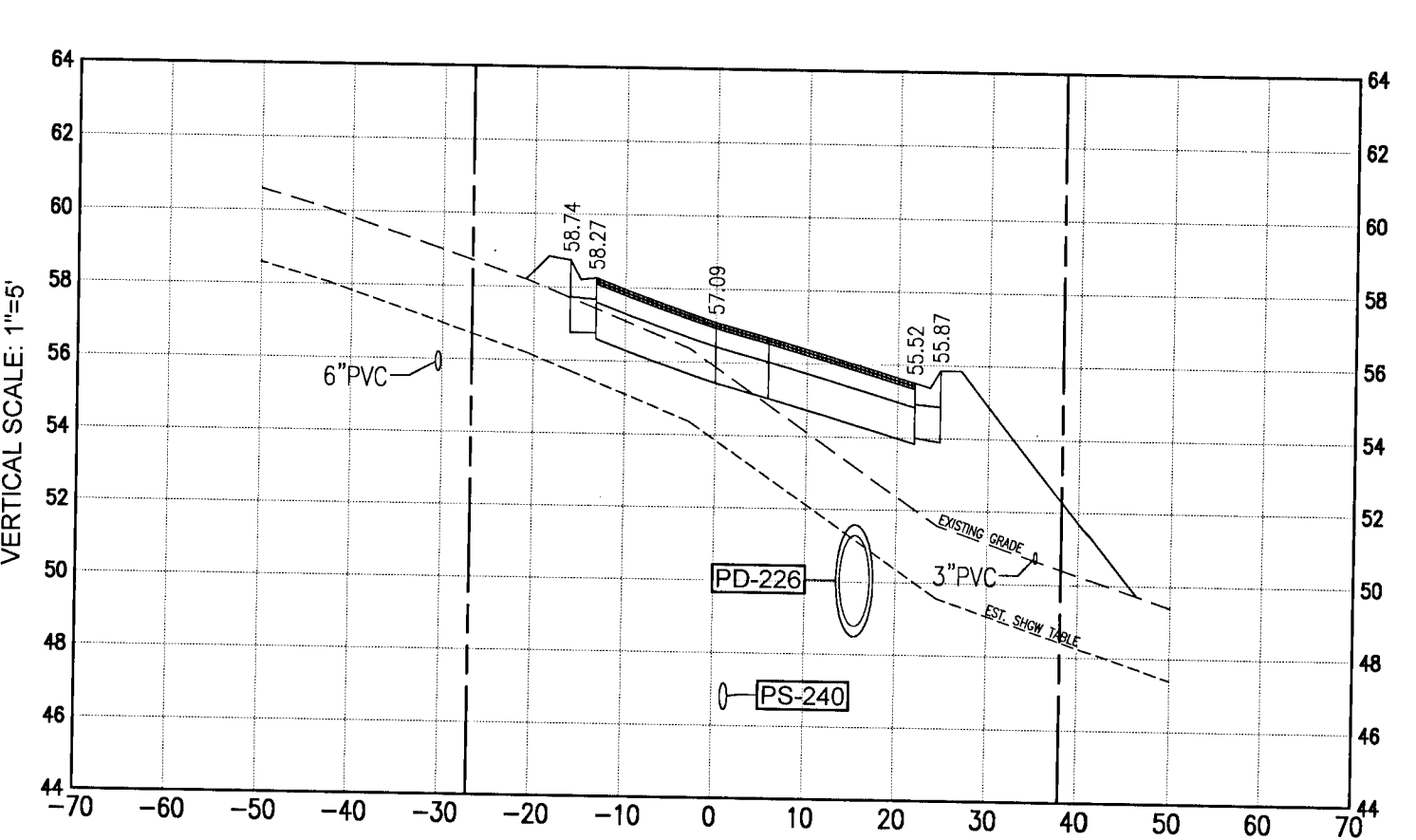
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EAST RIVER OAKS - Sta 210+00

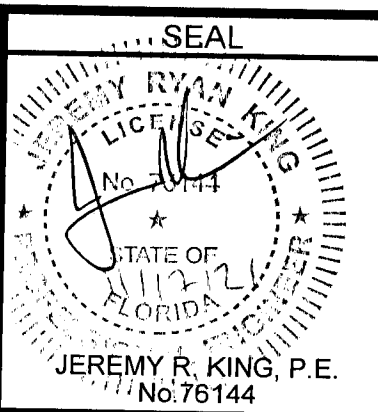


EAST RIVER OAKS - Sta 211+50

**BURCH COURT**  
**CROSS SECTIONS**

**FALLSCHASE AT PATHSTONE**  
**COMMERCIAL SUBDIVISION**  
PENSACOLA, FLORIDA

No.	DATE	REVISION



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