

4\984 TITLE BLOCKS\984 2006\TITLE BLOCKS\24\35\984-SJT-2435.DWG

CONSTRUCTION PLANS
FOR
FALLSCHASE AT PATHSTONE
PHASE 4
AN 47 LOT SUBDIVISION
HIGHWAY 90
ESCAMBIA COUNTY, FLORIDA
June 16, 2022

FEMA FLOOD INSURANCE RATE MAP INFORMATION					
THE PARCEL SHOWN FOR DEVELOPMENT IS LOCATED WITHIN THE FOLLOWING FLOOD ZONE(S) AS DETERMINED 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

SITE ENVIRONMENTAL INFORMATION	
OVERALL SITE AREA	16.29 ACRES
ACOE/NWFWMD/ESCAMBIA COUNTY JURISDICTIONAL WETLANDS	5.24 ACRES
EXISTING WETLAND BUFFER	0.76 ACRES
WETLAND IMPACT (RETENTION POND)	0.11 ACRES
EXISTING WETLAND BUFFER IMPACT	0.22 ACRES
ADDITIONAL WETLAND BUFFER	0 ACRES
AVERAGE BUFFER WIDTH	0 FT
CONSERVATION EASEMENT	0 ACRES
MERS BUFFER	0 ACRES

PROFESSIONAL SURVEYOR AND MAPPER
MARK A. NORRIS P.S.M.
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Civil Engineers and Surveyors

DRAINAGE FEE

Imperv. Surf. 63075.0 Sq ft
Stormwater Ret. 0.87 % (F)
Total Drainage Fee \$ 2,743.76
Pond Maint. Fee: MSBU

INDEX OF DRAWINGS

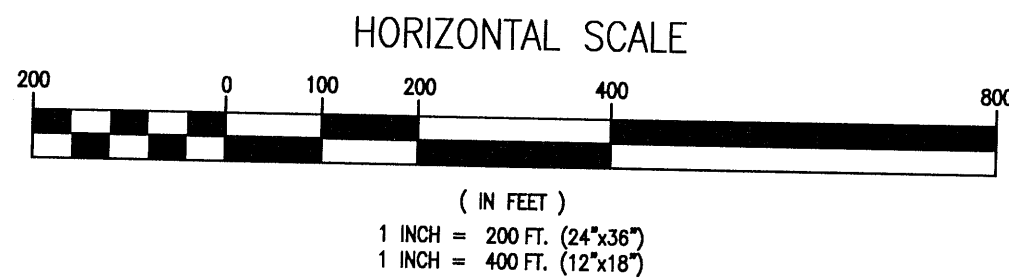
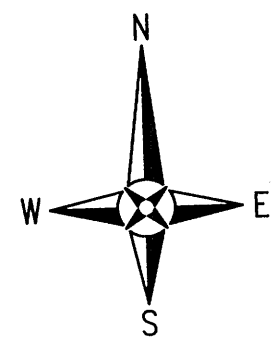
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LEGAL DESCRIPTION

COMMENCING AT THE NORTHEAST CORNER OF SECTION 10, TOWNSHIP 1 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE PROCEED SOUTH 03°16'19" EAST ALONG THE EAST LINE OF SAID SECTION 10 FOR A DISTANCE OF 2647.04 FEET TO THE SOUTHEAST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 10; THENCE DEPARTING SAID EAST LINE PROCEED NORTH 87°05'55" WEST ALONG THE SOUTH LINE OF THE NORTH HALF OF SAID SECTION 10 FOR A DISTANCE OF 1127.27 FEET TO THE POINT OF BEGINNING; THENCE PROCEED NORTH 87°08'55" WEST ALONG SAID SOUTH LINE FOR A DISTANCE OF 404.57 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 464.14 FEET; THENCE PROCEED NORTH 01°23'02" WEST FOR A DISTANCE OF 849.91 FEET; THENCE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 130.27 FEET; THENCE PROCEED NORTH 01°22'30" WEST FOR A DISTANCE OF 95.95 FEET TO THE POINT OF CURVATURE ON 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 37.59 FEET (DELTA ANGLE = 86°09'30", CHORD = 34.15 FEET, CHORD BEARING = NORTH 44°27'15" WEST); THENCE DEPARTING SAID CURVE PROCEED SOUTH 87°32'27" EAST FOR A DISTANCE OF 46.70 FEET TO THE POINT OF CURVATURE OF A CIRCULAR CURVE CONCAVE NORTHERLY, SAID CURVE HAVING A RADIUS OF 970.30 FEET; THENCE PROCEED EASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 52.11 FEET (DELTA ANGLE = 03°04'38", CHORD DISTANCE = 52.11 FEET, CHORD BEARING = SOUTH 89°03'43" EAST); TO A NON-TANGENT POINT OF A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 39.60 FEET (DELTA ANGLE = 90°46'03", CHORD DISTANCE = 35.59 FEET, CHORD BEARING = SOUTH 44°00'32" WEST) TO THE POINT OF TANGENCY; THENCE DEPARTING SAID CURVE PROCEED SOUTH 01°22'30" EAST FOR A DISTANCE OF 90.67 FEET; THENCE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 260.00 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 TO THE SOUTHWEST, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED NORTHWESTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = NORTH 46°22'30" WEST); THENCE DEPARTING SAID CURVE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 100.00 FEET TO A NON-TANGENT POINT ON A CIRCULAR CURVE CONCAVE SOUTHEASTERLY, SAID CURVE HAVING A RADIUS OF 25.00 FEET; THENCE PROCEED SOUTHWESTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 39.27 FEET (DELTA ANGLE = 90°00'00", CHORD DISTANCE = 35.36 FEET, CHORD BEARING = SOUTH 43°37'30" WEST) TO THE POINT OF TANGENCY; THENCE DEPARTING SAID CURVE PROCEED SOUTH 01°22'30" EAST FOR A DISTANCE OF 90.58 FEET; THENCE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 120.00 FEET; THENCE PROCEED SOUTH 01°22'30" EAST FOR A DISTANCE OF 50.00 FEET; THENCE PROCEED NORTH 88°37'30" EAST FOR A DISTANCE OF 10.00 FEET; THENCE PROCEED SOUTH 01°22'30" EAST FOR A DISTANCE OF 200.00 FEET; THENCE PROCEED SOUTH 11°15'50" WEST FOR A DISTANCE OF 51.24 FEET; THENCE PROCEED SOUTH 88°37'30" WEST FOR A DISTANCE OF 108.79 FEET TO A NON-TANGENT POINT ON A CIRCULAR CURVE CONCAVE TO THE NORTHEAST, SAID CURVE HAVING A RADIUS OF 15.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 15.12 FEET (DELTA ANGLE = 57°45'22", CHORD DISTANCE = 14.49 FEET, CHORD BEARING = SOUTH 30°15'11" EAST) TO A POINT OF REVERSE CURVATURE OF A CIRCULAR CURVE CONCAVE TO SOUTHWESTERLY, SAID CURVE HAVING A RADIUS OF 60.00 FEET; THENCE PROCEED SOUTHEASTERLY ALONG THE ARC OF SAID CURVE AN ARC DISTANCE OF 85.30 FEET (DELTA ANGLE = 81°27'29", CHORD DISTANCE = 78.30 FEET, CHORD BEARING = SOUTH 18°24'07" EAST); THENCE DEPARTING SAID CURVE PROCEED SOUTH 57°43'30" EAST FOR A DISTANCE OF 15.09 FEET; THENCE PROCEED SOUTH 89°28'21" EAST FOR A DISTANCE OF 368.19 FEET; THENCE PROCEED SOUTH 02°51'05" WEST FOR A DISTANCE OF 579.46 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 16.29 ACRES MORE OR LESS.





EROSION CONTROL NOTES:

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

DEMOLITION NOTES:

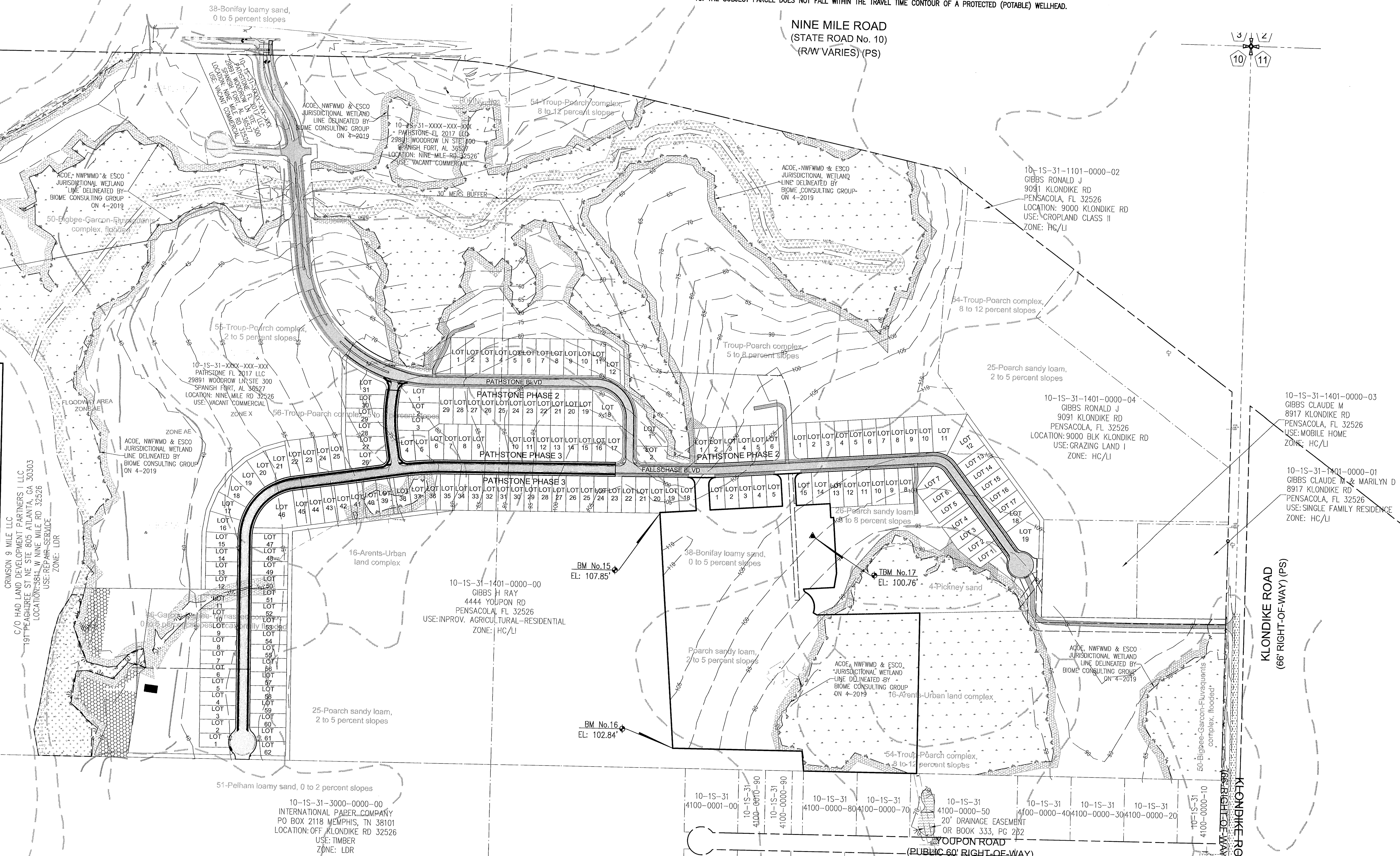
1. ALL DEBRIS RESULTING FROM PROPOSED DEMOLITION WILL BE DISPOSED OF IN A LEGAL MANNER AND WILL CONFORM TO ANY AND ALL STATE AND LOCAL REGULATIONS AND/OR ORDINANCES WHICH GOVERN SUCH ACTIVITIES.
2. CONTRACTOR TO FIELD VERIFY LOCATION OF EXISTING UTILITIES AND COORDINATE RELOCATION WITH THE APPROPRIATE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

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

ELEVEN MILE CREEK

LEGEND

- EXISTING ASPHALT
- EXISTING CONCRETE
- JURISDICTIONAL WETLAND
- 25' WETLAND BUFFER
- LIMITS OF CLEARING & GRUBBING
- DEMOLITION
- DEMOLITION LINE
- BOUNDARY LINE
- LOT LINE
- RIGHT-OF-WAY LINE
- WATER LINE
- SEWER LINE (GRAVITY)
- SEWER FORCE MAIN
- JURISDICTIONAL WETLAND LINE
- EXISTING CONTOUR
- SF/HB SF/HB SILT FENCE/STRAW BALE
- SF SF SF SILT FENCE
- BENCHMARK
- SOIL BORING
- WATER VALVE
- FIRE HYDRANT



GENERAL NOTES:

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS AND THE REQUIREMENTS AND STANDARDS OF ALL GOVERNING AUTHORITIES.
2. PRIOR TO STARTING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE TO CONFIRM THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL OF THE PERMITTING AGENCIES.
3. THE LOCATION OF UNDERGROUND FACILITIES SHOWN ON THESE PLANS ARE BASED ON INFORMATION PROVIDED BY THE UTILITIES AND SHALL BE CONSIDERED APPROXIMATE. IT SHALL BE THE CONTRACTOR'S FULL RESPONSIBILITY TO CONTACT THE VARIOUS UTILITY COMPANIES TO LOCATE THEIR FACILITIES PRIOR TO STARTING CONSTRUCTION. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE AND REPAIR TO THESE FACILITIES CAUSED BY HIS WORK FORCE.
4. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, SANITARY SEWER GAS, TELEPHONE, CABLE TELEVISION, AND POWER COMPANIES 10 DAYS IN ADVANCE THAT HE INTENDS TO START WORK IN A SPECIFIED AREA. THE OWNER DISCLAIMS ANY RESPONSIBILITY FOR THE SUPPORT AND PROTECTION OF SEWERS, DRAINS, WATER PIPES, GAS PIPES, CONDUITS OF ANY KIND, UTILITIES OR OTHER STRUCTURES OWNED BY THE CITY, COUNTY, STATE OR BY PRIVATE OR PUBLIC UTILITIES LEGALLY OCCUPYING ANY STREET, ALLEY, PUBLIC PLACE OR RIGHT-OF-WAY.
5. SITE CLEARING SHALL INCLUDE THE LOCATION AND REMOVAL OF ALL UNDERGROUND STRUCTURES, WHICH ARE NOT IN SERVICE AS NECESSARY FOR THE INSTALLATION OF PROPOSED IMPROVEMENTS. THESE INCLUDE PIPES, VALVES, DRAINAGE STRUCTURES, ETC., AS INDICATED ON THE CONTRACT PLANS. CONTRACTOR SHALL NOTIFY THE PROJECT OWNER AND ENGINEER OF ALL DISCOVERED UNDERGROUND STRUCTURES WHICH ARE IN CONFLICT WITH THE INSTALLATION OF THE PROPOSED IMPROVEMENTS AND ARE NOT INDICATED ON THE CONTRACT PLANS OR LOCATED IN THE FIELD BY UTILITIES IN ACCORDANCE WITH GENERAL NOTES.
6. RELOCATION OF OBSTRUCTIONS OWNED BY PRIVATE PROPERTY OWNERS, SUCH AS MAIL BOXES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO MUST COORDINATE WITH THE PROPERTY OWNER.
7. THE CONTRACTOR SHALL PLACE AND MAINTAIN ADEQUATE BARRICADES, CONSTRUCTION SIGNS, FLASHING LIGHTS, TORCHES, RED LANTERNS AND GUARDS DURING ALL PHASES OF CONSTRUCTION, IN ACCORDANCE WITH APPLICABLE FDOT INDEX.
8. ALL AREAS, NOT PAVED, DISTURBED DURING CONSTRUCTION SHALL BE CLEANED OF DEBRIS AND CONSTRUCTION MATERIAL AND RAKED SMOOTH.
9. ALL EXCESS MATERIAL SHALL BE HAULED AWAY AND DISPOSED OF APPROPRIATELY AT THE CONTRACTOR'S EXPENSE.
10. CONTRACTOR SHALL VISIT SITE TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AND THE EXTENT OF CLEARING & GRUBBING REQUIRED.
11. ALL DIMENSIONS AND GRADES SHOWN ON THE PLANS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY THE ENGINEER IF ANY DISCREPANCIES EXIST PRIOR TO PROCEEDING WITH CONSTRUCTION FOR NECESSARY PLAN OR GRADE CHANGES. NO EXTRA COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR WORK HAVING TO BE REDONE DUE TO DIMENSIONS OR GRADES SHOWN INCORRECTLY ON THESE PLANS IF SUCH NOTIFICATION HAS NOT BEEN GIVEN.
12. CONTRACTOR TO COORDINATE WITH RESPONSIBLE UTILITY FOR PROTECTION/HOLDING OF UTILITY POLES, GUY WIRES, AND GUY ANCHORS IN AREAS OF CONSTRUCTION. CONTRACTOR SHALL INCLUDE THE COST OF PROTECTING UTILITY POLES IN THEIR OVERALL PRICE TO THE OWNER.
13. DAMAGE TO EXISTING ROADS DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR PRIOR TO FINAL "AS-BUILT" SIGN-OFF FROM THE COUNTY.
14. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT-OF-WAY.
15. 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.
18. THE SUBJECT PARCEL DOES NOT FALL WITHIN THE TRAVEL TIME CONTOUR OF A PROTECTED (POTABLE) WELLHEAD.

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
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.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'

RBA

REBOL-BATTLE & ASSOCIATES

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Telephone 850.438.0400 Fax 850.438.0448
EB 00009657

OVERALL EXISTING SITE PLAN

Fallschase at Pathstone Phase 4 A 47 Lot Subdivision 9 Mile Road ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL

NOT FOR CONSTRUCTION

No. 701447

DATE 11/17/2017

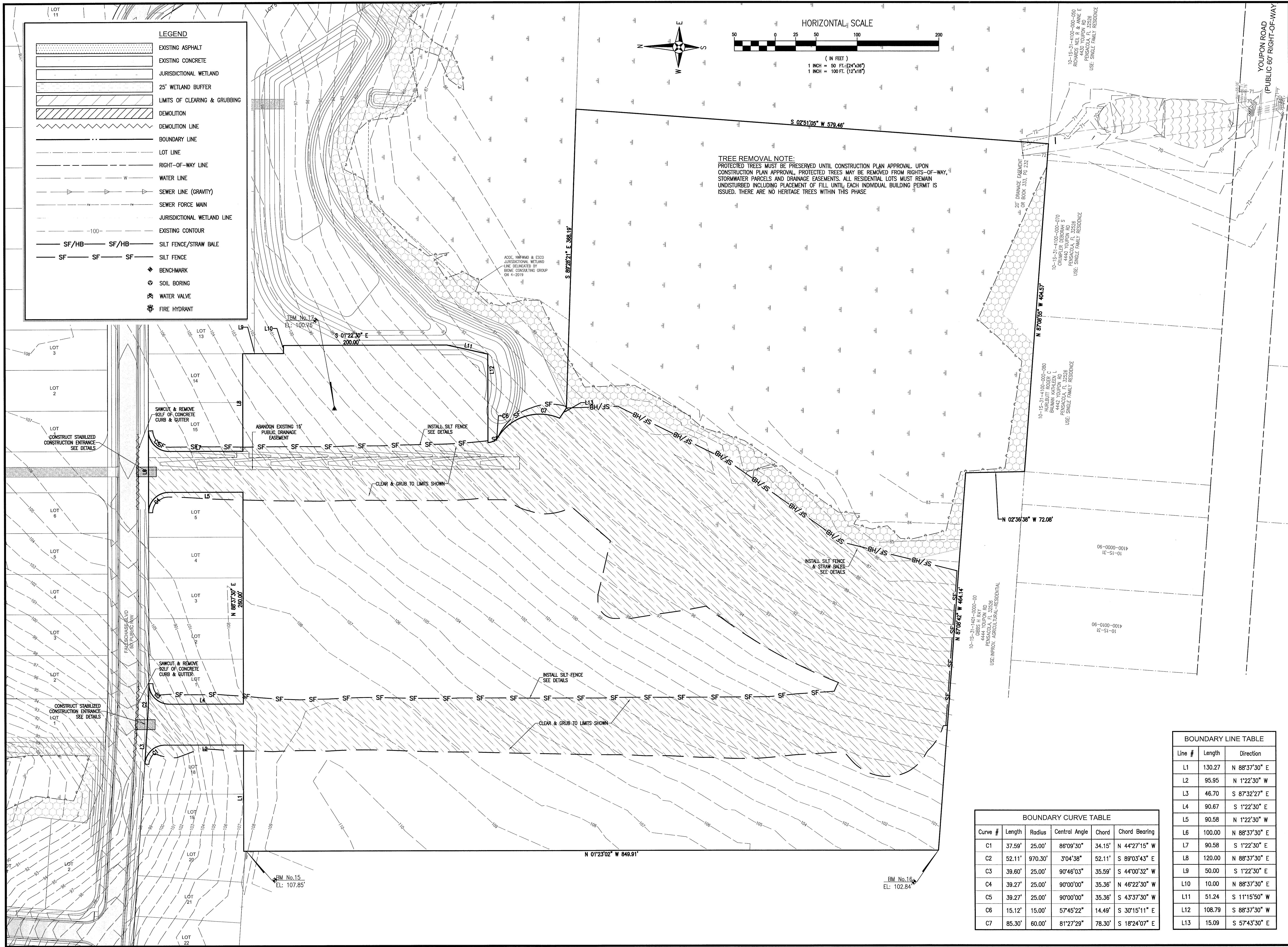
BY JEREMY R. KING, P.E.

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

C1.0

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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, THERE ARE NO HERITAGE TREES WITHIN THIS PHASE.

BOUNDARY CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C1	37.59'	25.00'	86°09'30"	34.15'	N 44°27'15" W
C2	52.11'	970.30'	3°04'38"	52.11'	S 89°03'43" E
C3	39.60'	25.00'	90°46'03"	35.59'	S 44°00'32" W
C4	39.27'	25.00'	90°00'00"	35.36'	N 46°22'30" W
C5	39.27'	25.00'	90°00'00"	35.36'	S 43°37'30" W
C6	15.12'	15.00'	57°45'22"	14.49'	S 30°15'11" E
C7	85.30'	60.00'	81°27'29"	78.30'	S 18°24'07" E

BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	130.27	N 88°37'30" E
L2	95.95	N 1°22'30" W
L3	46.70	S 87°32'27" E
L4	90.67	S 1°22'30" E
L5	90.58	N 1°22'30" W
L6	100.00	N 88°37'30" E
L7	90.58	S 1°22'30" E
L8	120.00	N 88°37'30" E
L9	50.00	S 1°22'30" E
L10	10.00	N 88°37'30" E
L11	51.24	S 11°15'50" W
L12	108.79	S 88°37'30" W
L13	15.09	S 57°43'30" E

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EXISTING SITE, DEMOLITION
& EROSION CONTROL PLAN

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022
DRAWING No.

C1.1

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GENERAL NOTES FOR SOIL EROSION AND SEDIMENT CONTROL:

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE, OR IN THEIR PROPER SEQUENCE, AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS, AND NOT SUBJECT TO CONSTRUCTION TRAFFIC, WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING. IF THE SEASON PREVENTS THE ESTABLISHMENT OF A TEMPORARY COVER, THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS.
3. PERMANENT VEGETATION TO BE SEEDDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER GRADING. MULCH TO BE USED AS NECESSARY FOR PROTECTION UNTIL SEEDING IS ESTABLISHED.
4. ALL WORK AND MATERIALS TO BE IN ACCORDANCE WITH THE FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", LATEST EDITION, SECTIONS 104, 570, 981, 982, 983, 985, & 987.
- *5. A BITUMINOUS CONCRETE BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE BITUMINOUS CONCRETE BASE SHALL BE INSTALLED WITHIN 15 DAYS OF THE PRELIMINARY GRADING.
- *6. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE A TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT, AT A THICKNESS OF TWO (2) TO FOUR (4) INCHES MIXED WITH THE TOP TWO (2) INCHES OF SOIL, ACCORDING TO STATE STANDARDS.
- *7. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY, AS THE INSTALLATION PROCEEDS (I.E. SLOPES GREATER THAN 3:1).
- *8. A CRUSHED 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 SITUATION PROTECTION OF EACH STREAM CROSSING PRIOR TO EXCAVATING THE STREAM BED. PLAN SHALL BE FORWARDED TO THE ENGINEER FOR APPROVAL. THE ENGINEER SHALL BE NOTIFIED FOR INSPECTION PRIOR TO EACH STREAM CROSSING CONSTRUCTION.
20. ANY AREAS USED FOR THE CONTRACTOR'S STAGING, INCLUDING BUT NOT LIMITED TO, TEMPORARY STORAGE OF STOCKPILED MATERIALS (E.G. CRUSHED STONE, QUARRY PROCESS STONE, SELECT FILL, EXCAVATED MATERIALS, ETC.), SHALL BE ENTIRELY PROTECTED BY A SILT FENCE ALONG THE LOW ELEVATION SIDE TO CONTROL SEDIMENT RUNOFF.

* WHERE APPLICABLE

TEMPORARY SEEDING DETAILS:

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

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

PERMANENT SEEDING DETAILS:

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

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

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

TRAFFIC CONTROL STANDARDS:

1. CONSTRUCTION TRAFFIC SHALL BE RESTRICTED TO ONSITE ACCESS BY MEANS SO DESIGNATED BY THE ENGINEER, POLICE/SHERIFF DEPARTMENT, ESCAMBIA COUNTY HIGHWAY DEPARTMENT, AND/OR THE FLORIDA DEPARTMENT OF TRANSPORTATION.
2. TRAFFIC DURING WET WEATHER SHALL BE MINIMIZED AND APPROPRIATE ROADWAY AND SITE CLEAN-UP SHALL BE PROVIDED BY THE CONTRACTOR AS SOON AS WEATHER CONDITIONS PERMIT.

TREE PROTECTION:

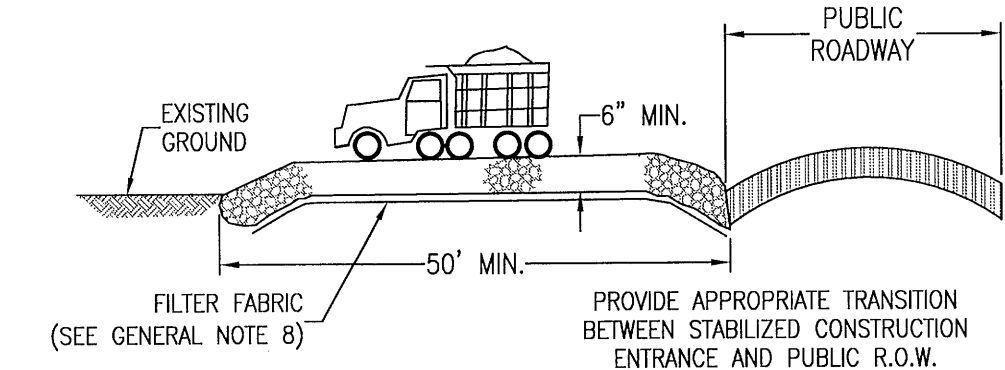
1. DAMAGED TRUNKS OR EXPOSED ROOTS WILL BE PAINTED IMMEDIATELY WITH A GOOD GRADE OF "TREE PAINT".
2. TREE LIMB REMOVAL, WHERE NECESSARY, WILL BE DONE FLUSH TO TRUNK OR MAIN BRANCH AND THAT AREA PAINTED IMMEDIATELY WITH A GOOD GRADE OF TREE PAINT.

DUST CONTROL:

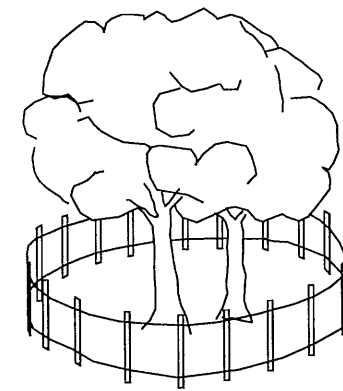
1. ALL AREAS OF CLEARING AND EMBANKMENT AS WELL AS CONSTRUCTION HAUL ROADS SHALL BE TREATED AND MAINTAINED IN SUCH A MANNER AS TO MINIMIZE ANY DUST GENERATION.
2. DISTURBED AREAS SHALL BE MAINTAINED IN A ROUGH GRADED CONDITION AND TEMPORARILY SEEDDED AND/OR MULCHED UNTIL PROPER WEATHER CONDITIONS EXIST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

PROPOSED SEQUENCE OF CONSTRUCTION:

1. THE INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.
2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION IS TO BE PROPERLY PROTECTED AND IS TO REMAIN IN ITS NATURAL STATE. TOPSOIL IN AREAS TO BE DISTURBED IS TO BE STRIPPED TO A MINIMUM DEPTH OF SIX (6) INCHES AND STOCKPILED SEPARATELY FROM OTHER EXCAVATED SOIL(S)
3. THE IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.
4. PERFORM ALL DEMOLITION WORK.
5. CONSTRUCT ROUGH GRADING OF STORMWATER PONDS.
6. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.
7. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).
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. COMPLETE STORMWATER PONDS I.E. INSTALL UNDERDRAIN SYSTEM.
10. 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

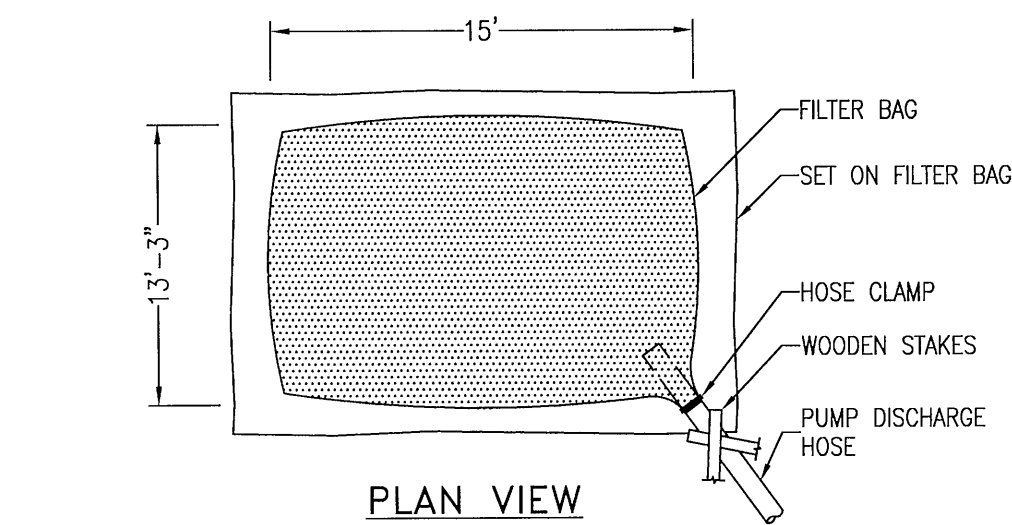
N.T.S.

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.

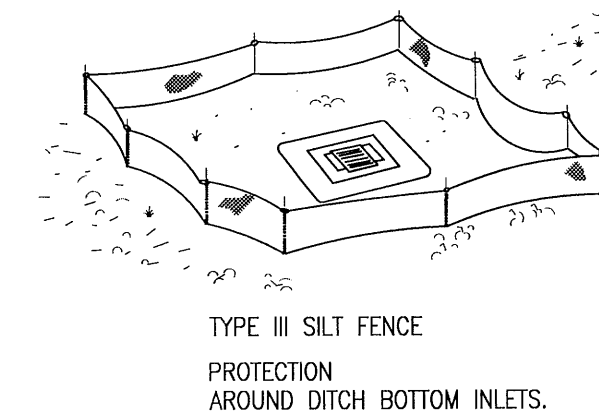
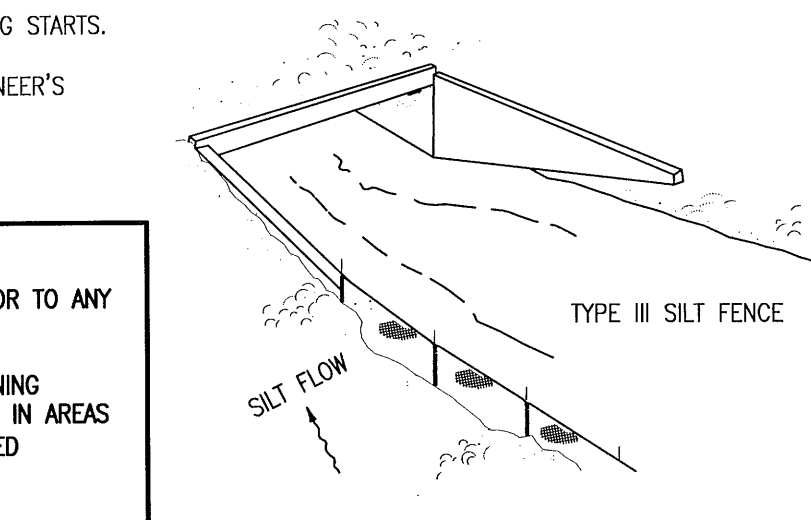
INSTALLATION:
WETLAND FILTER BAGS MAY REPLACE HAY BALE CORRALS DURING TRENCH DEWATERING, AT THE DISCRETION OF THE ENGINEER INSPECTOR. TO INSURE PROPER INSTALLATION, FILTER BAGS WILL BE PLACED ON RELATIVELY FLAT TERRAIN FREE OF BRUSH AND STUMPS TO AVOID RUPTURES AND PUNCTURES. PROPER INSTALLATION REQUIRES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

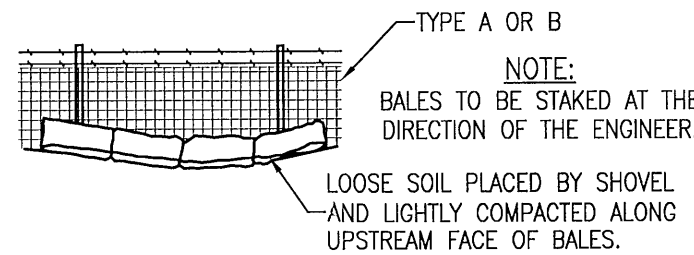


FILTER BAG DETAIL FOR
TRENCH DEWATERING OPERATIONS
N.T.S.



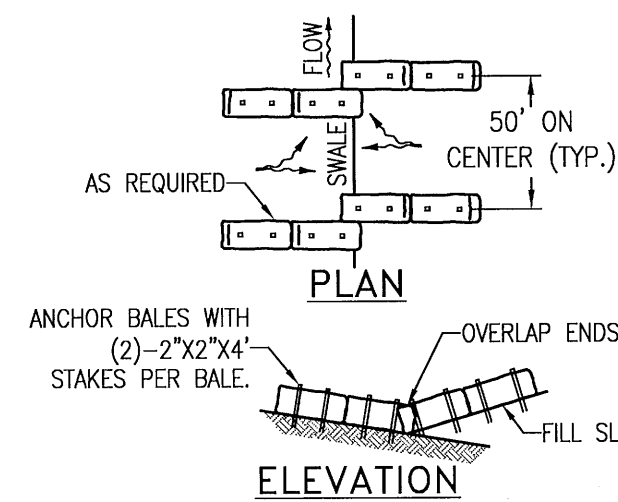
SILT FENCE APPLICATIONS

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.

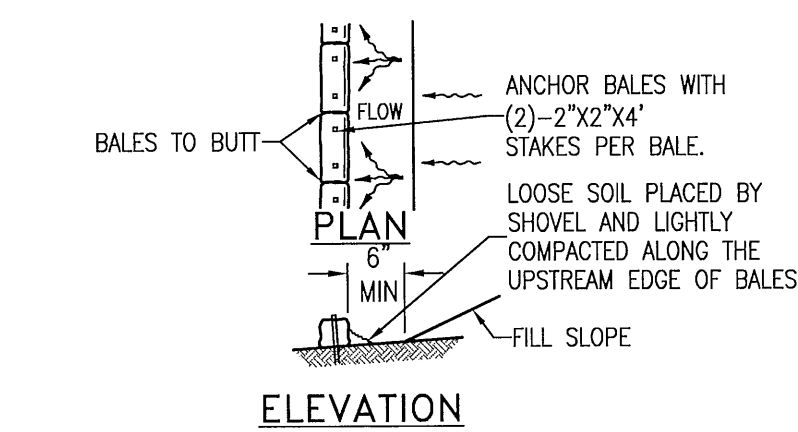


STRAW BALES BACKED BY FENCE

N.T.S.



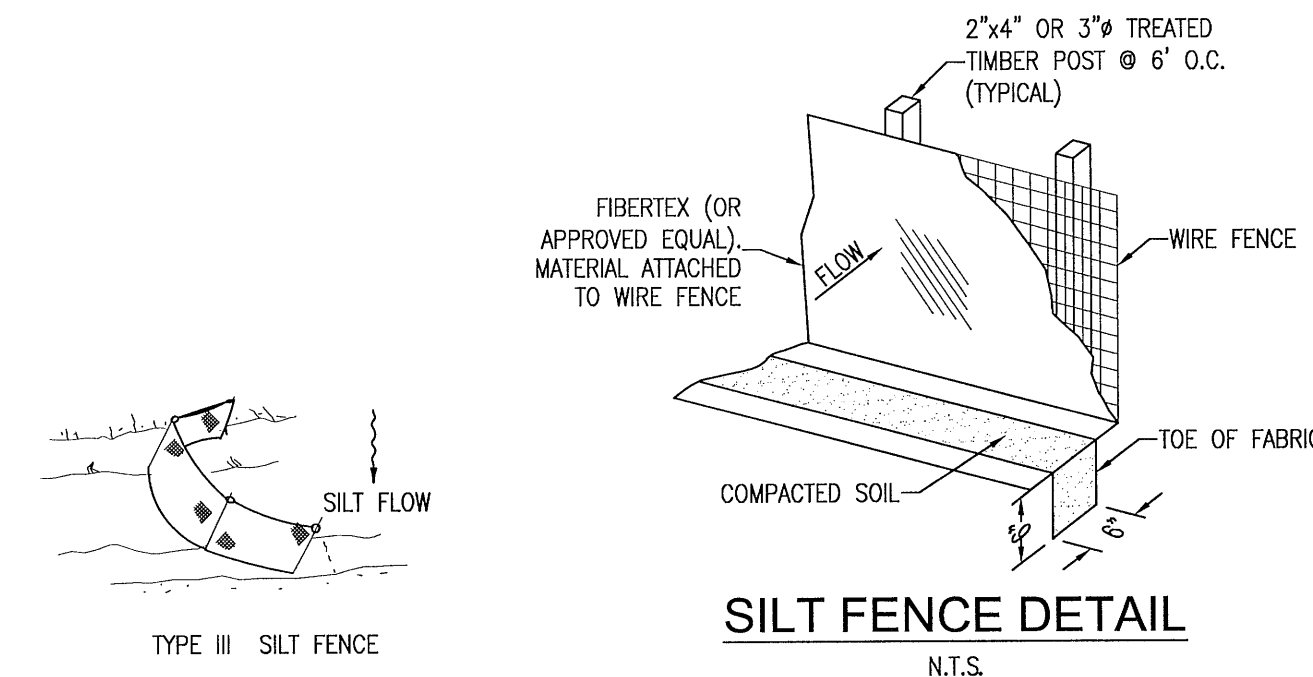
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



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

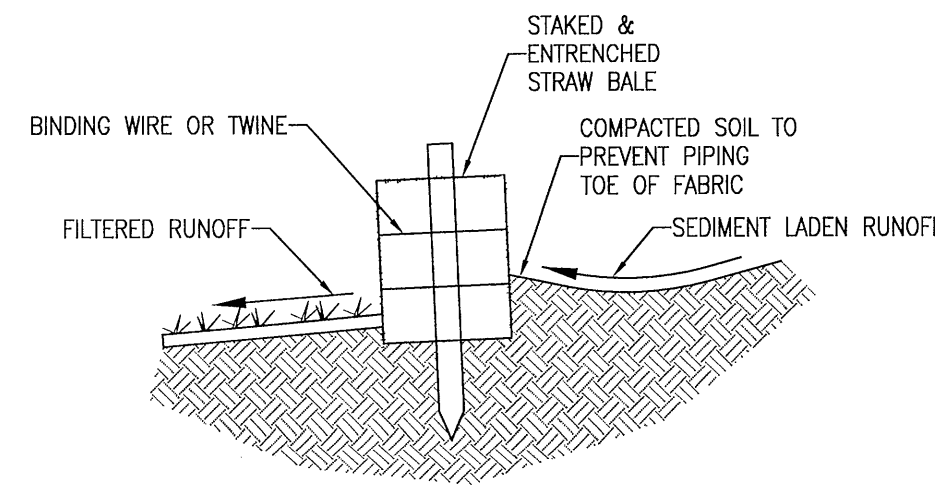
BARRIERS FOR FILL SLOPES

N.T.S.



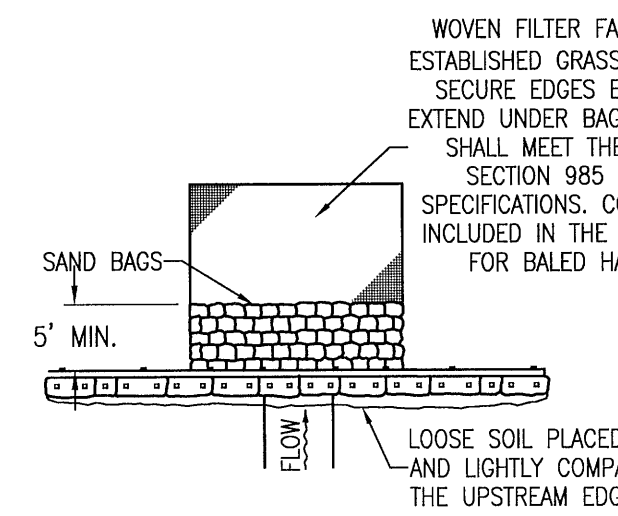
SILT FENCE DETAIL

N.T.S.

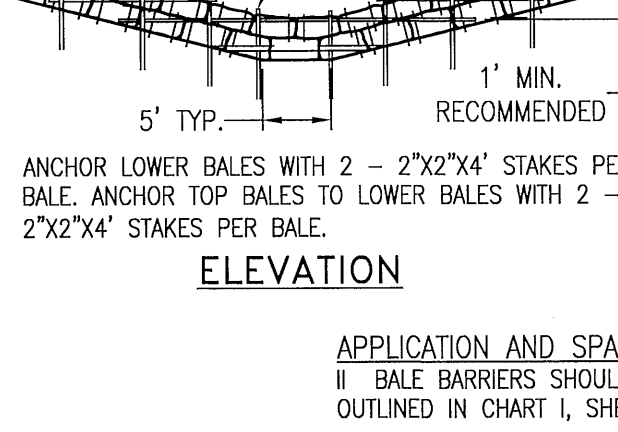


STRAW BALE DETAIL

N.T.S.



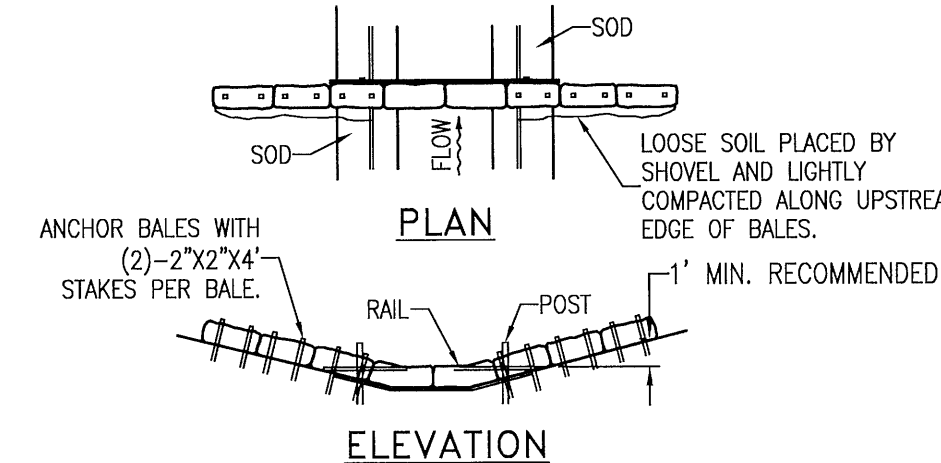
TO BE USED AT SELECTED SITES WHERE THE NATURAL GROUND SLOPES TOWARD THE TOE OF SLOPE



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

BARRIER FOR UNPAVED DITCH

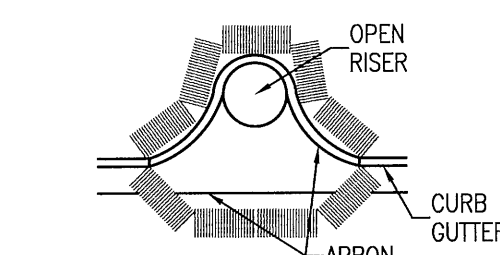
N.T.S.



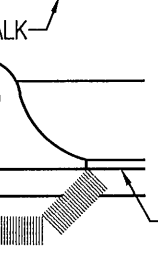
SPACING:
BALE BARRIERS FOR PAVED DITCHES SHOULD BE SPACED IN ACCORDANCE WITH CHART 1, SHEET 1 OF 3, INDEX NO. 102

BARRIER FOR PAVED DITCH

N.T.S.

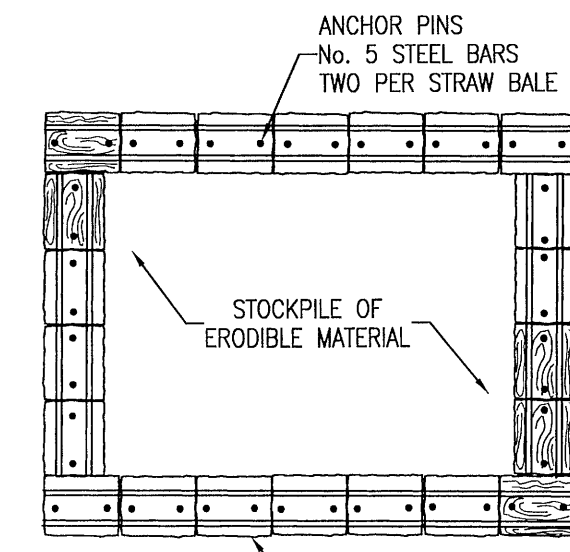


PROTECTION AROUND INLETS OR SIMILAR STRUCTURES



PROTECTION AROUND INLETS OR SIMILAR STRUCTURES

N.T.S.



MATERIAL STOCKPILE DETAIL

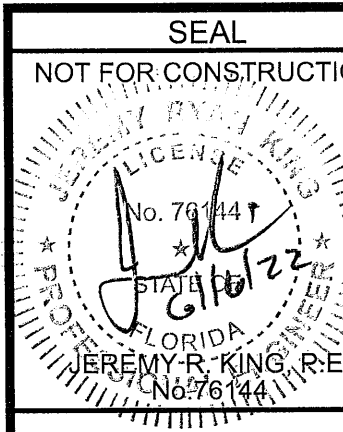
N.T.S.

ANCHOR BALES WITH (2)-2"x2"x4" STAKES PER BALE.

DITCH BOTTOM INLET

EROSION CONTROL DETAILS

REVISION	DATE	No.



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

C1.2

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 JUNE 2018

1.2 NOTICE OF INTENT (NOI):

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

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

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

1.3 STORMWATER POLLUTION PREVENTION PLAN (SWPPP):

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

1.4 CONTRACTOR'S / SUBCONTRACTOR CERTIFICATION:

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

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

1.5 RESPONSIBLE AUTHORITY CERTIFICATION:

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

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

1.6 NOTICE OF TERMINATION (NOT):

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

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

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

1.7 APPLICATION INFORMATION:

PROJECT ADDRESS:	NINE MILE ROAD PENSACOLA, FL 32526
LATITUDE:	N 30.528982°
LONGITUDE:	W 87.335724°
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.
- COMPLETE ROUGH GRADING OF THE POND AND DIRECT ALL STORMWATER RUNOFF TO THE POND(S).
- CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEM.
- CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS, AND LANDSCAPING).
- COMPLETE STORMWATER PONDS.

2.3 AREA ESTIMATES:

ONSITE AREA:	8.49 ACRES
OFFSITE AREA:	1.73 ACRES
TOTAL AREA:	10.22 ACRES
AREA TO BE DISTURBED:	4.50 ACRES

2.4 RUNOFF DATA:

RUNOFF COEFFICIENTS (C):

BEFORE:	TOTAL COMPOSITE C =	0.20
DURING:	VARIES BETWEEN =	0.20 AND 0.61
AFTER:	TOTAL COMPOSITE =	0.61

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
POND G	10.22	0.61

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 PERIDDO 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:

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

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

7.2 INSPECTION REPORTS:

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

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

7.3 RELEASES OF REPORTABLE QUANTITIES OF OIL OR HAZARDOUS MATERIALS:

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

7.4 SWPPP MODIFICATION:

THE CONTRACTOR SHALL MODIFY THE SWPPP AS NECESSARY TO:

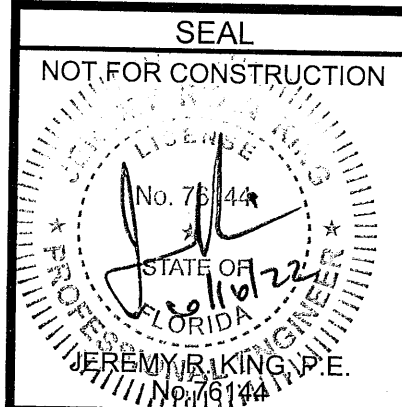
- COMPLY WITH MINIMUM PERMIT REQUIREMENTS WHEN NOTIFIED BY FDEP THAT THE PLAN DOES NOT COMPLY.
- ADDRESS ANY CHANGES IN DESIGN, CONSTRUCTION OPERATIONS OR MAINTENANCE, WHICH HAS AN EFFECT ON THE POTENTIAL FOR DISCHARGE OF POLLUTANTS.
- PREVENT REOCCURRENCE OF REPORTABLE QUANTITY RELEASES OF HAZARDOUS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

8.0 TERMINATION CHECKLIST:

THE FOLLOWING ITEMS SHALL BE COMPLETE BEFORE SUBMITTING THE NOT:

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

No.	DATE	REVISION



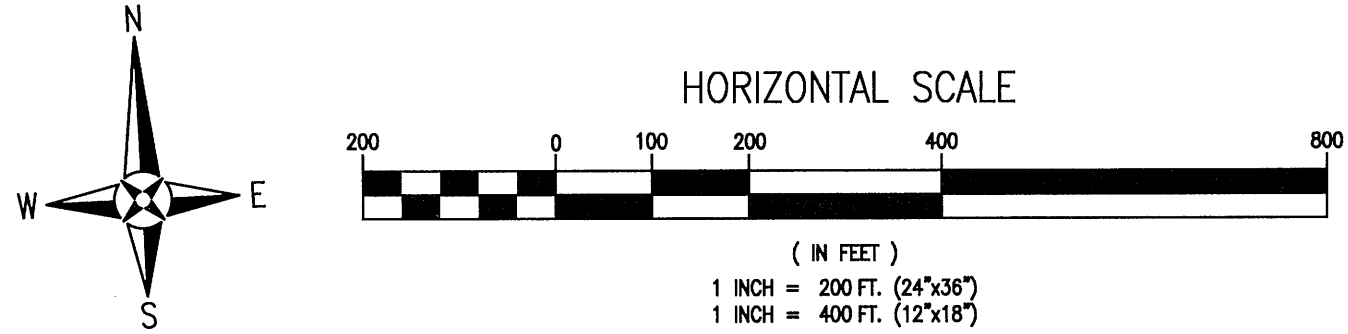
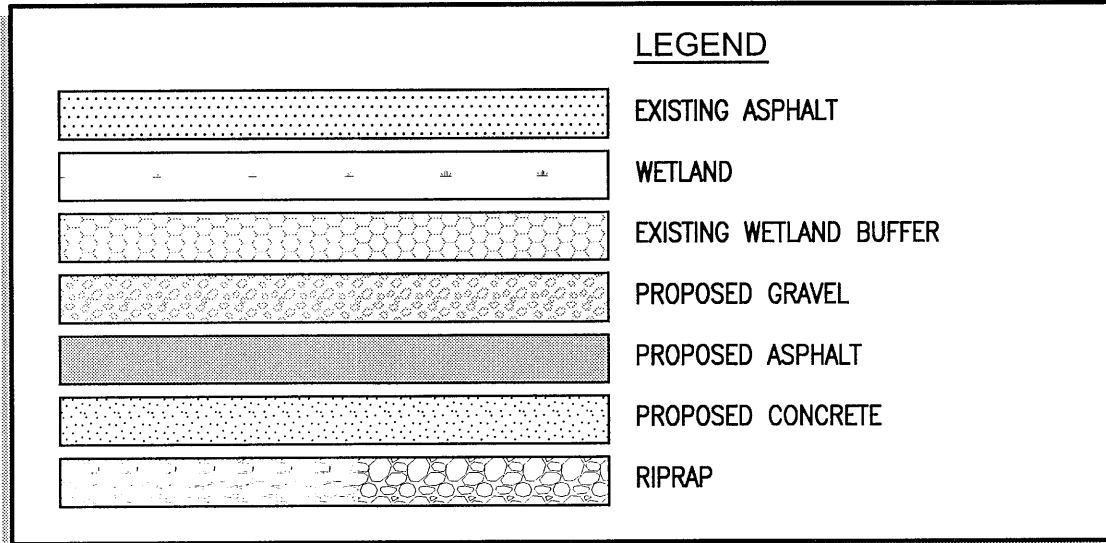
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

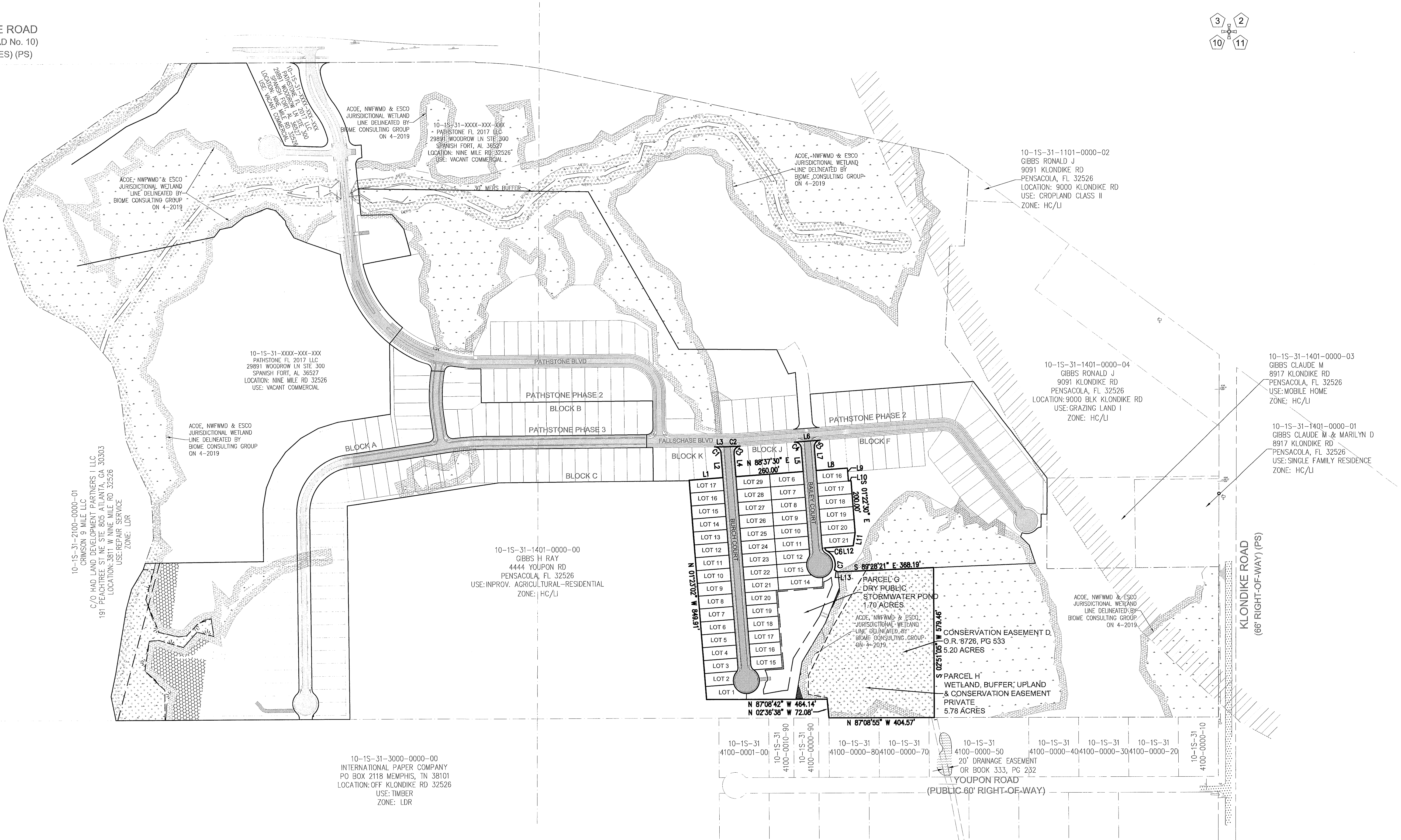
C1.3

BOUNDARY LINE TABLE		
Line #	Length	Direction
L1	130.27	N 88°37'30" E
L2	95.95	N 1°22'30" W
L3	46.70	S 87°32'27" E
L4	90.67	S 1°22'30" E
L5	90.58	N 1°22'30" W
L6	100.00	N 88°37'30" E
L7	90.58	S 1°22'30" E
L8	120.00	N 88°37'30" E
L9	50.00	S 1°22'30" E
L10	10.00	N 88°37'30" E
L11	51.24	S 11°15'50" W
L12	108.79	S 88°37'30" W
L13	15.09	S 57°43'30" E

BOUNDARY CURVE TABLE						
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing	
C1	37.59'	25.00'	86°09'30"	34.15'	N 44°27'15" W	
C2	52.11'	970.30'	3°04'38"	52.11'	S 89°03'43" E	
C3	39.60'	25.00'	90°46'03"	35.59'	S 44°00'32" W	
C4	39.27'	25.00'	90°00'00"	35.36'	N 46°22'30" W	
C5	39.27'	25.00'	90°00'00"	35.36'	S 43°37'30" W	
C6	15.12'	15.00'	57°45'22"	14.49'	S 30°15'11" E	
C7	85.30'	60.00'	81°27'29"	78.30'	S 18°24'07" E	



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

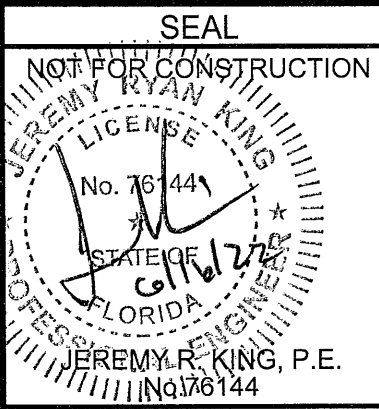


RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2801 N. Ninth Avenue, Suite 300
Pensacola, Florida 32505
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EB 00009657

OVERALL SITE LAYOUT

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

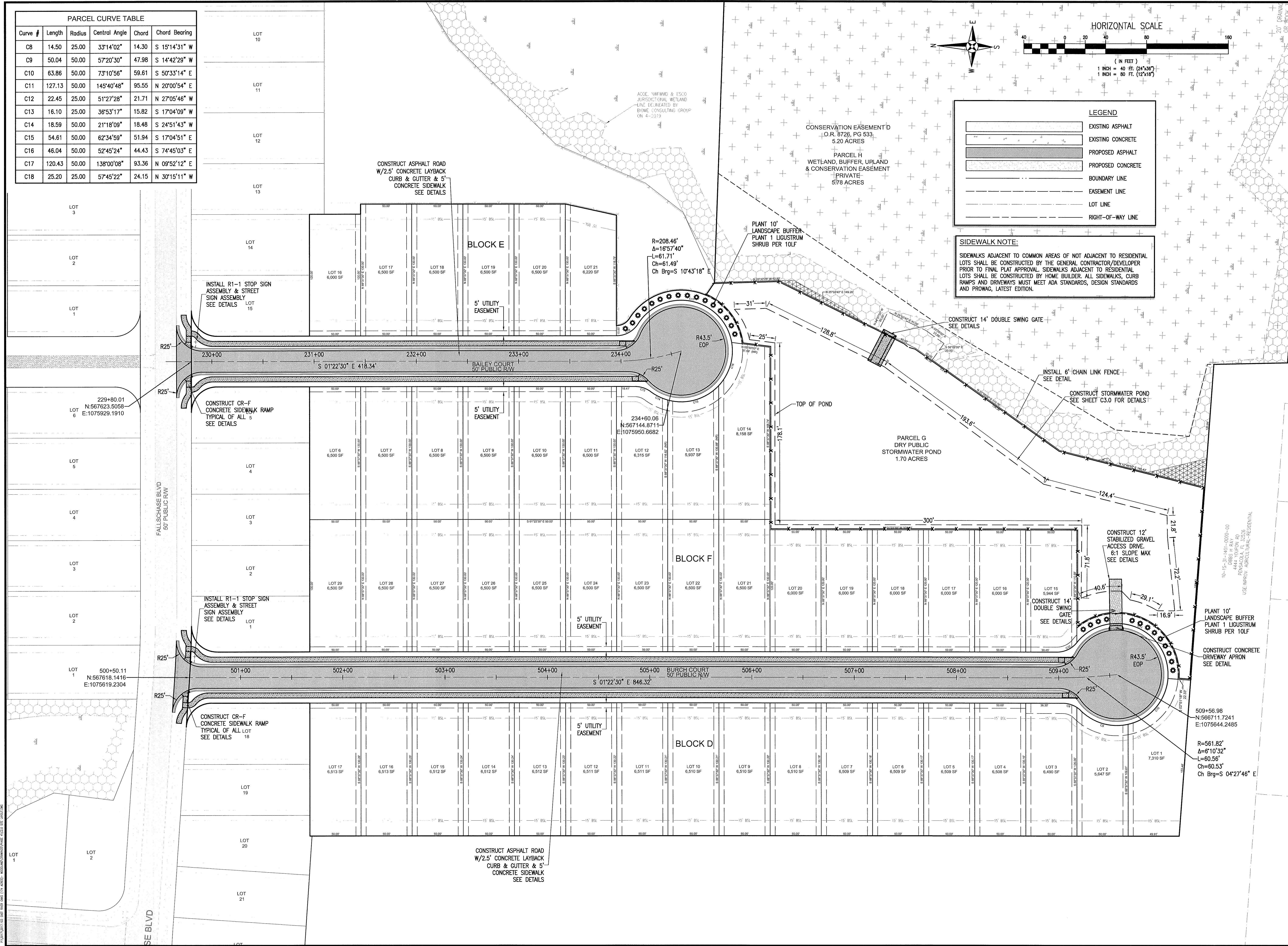


Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

C2.0

PARCEL CURVE TABLE					
Curve #	Length	Radius	Central Angle	Chord	Chord Bearing
C8	14.50	25.00	33°14'02"	14.30	S 15°14'31" W
C9	50.04	50.00	57°20'30"	47.98	S 14°42'29" W
C10	63.86	50.00	73°10'56"	59.61	S 50°33'14" E
C11	127.13	50.00	145°40'48"	95.55	N 20°00'34" E
C12	22.45	25.00	51°27'28"	21.71	N 27°05'46" W
C13	16.10	25.00	36°53'17"	15.82	S 17°04'09" W
C14	18.59	50.00	21°18'09"	18.48	S 24°51'43" W
C15	54.61	50.00	62°34'59"	51.94	S 17°04'51" E
C16	46.04	50.00	52°45'24"	44.43	S 74°45'03" E
C17	120.43	50.00	138°00'08"	93.36	N 09°52'12" E
C18	25.20	25.00	57°45'22"	24.15	N 30°15'11" W



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**SITE LAYOUT &
DIMENSION PLAN**

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

REVISION	DATE	No.

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, P.E.
No. 78144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

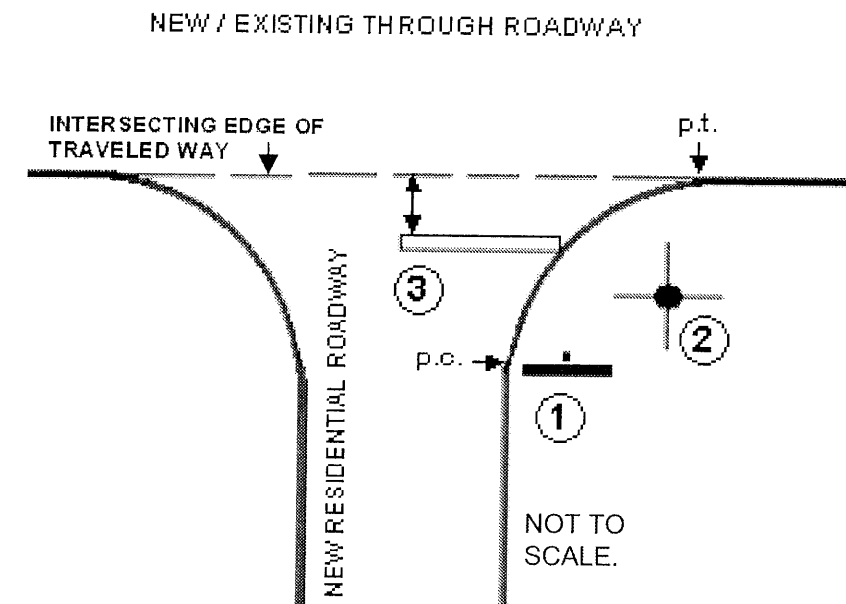
C2.1

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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 CURVING 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).



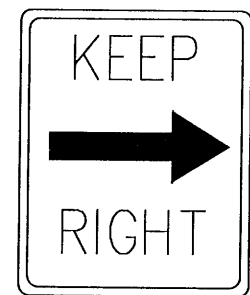
2 STREET NAME SIGN

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.

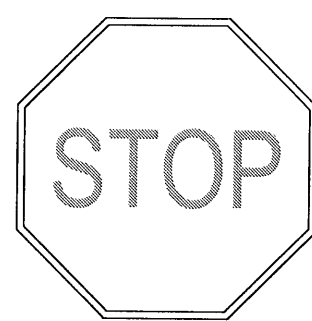
3 24" STOP BAR

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.

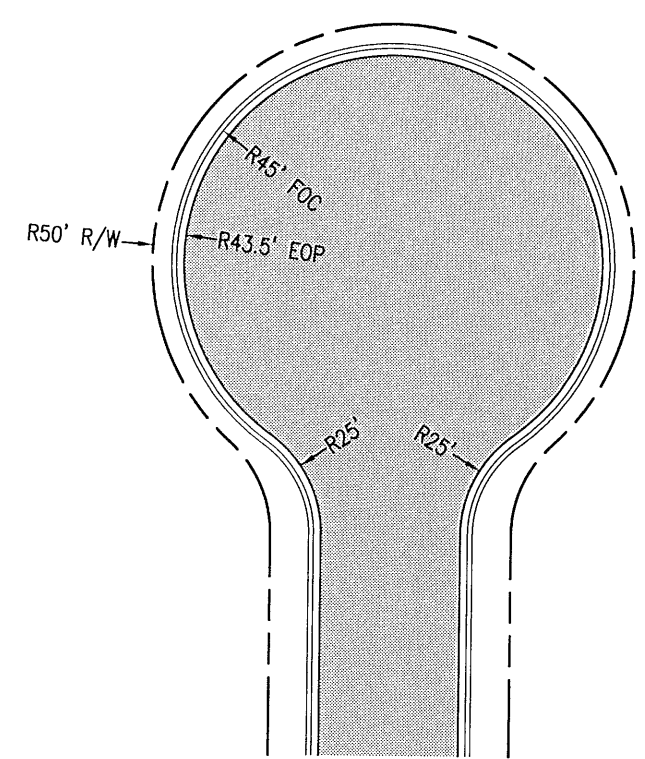
INSTALLATION DETAILS
TRAFFIC CONTROL SIGNS & MARKINGS FOR NEW RESIDENTIAL INTERSECTIONS
ACCEPTABLE PER CURRENT ESCAMBIA COUNTY INSPECTION PRACTICES



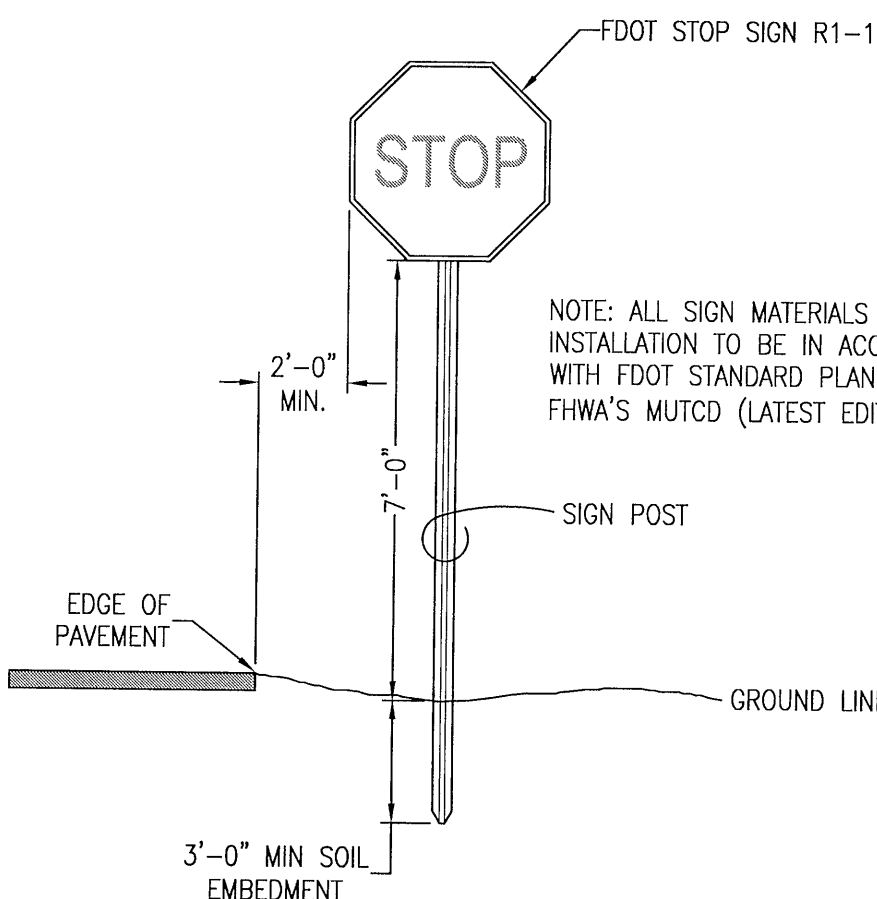
R4-7
KEEP RIGHT SIGN
N.T.S.



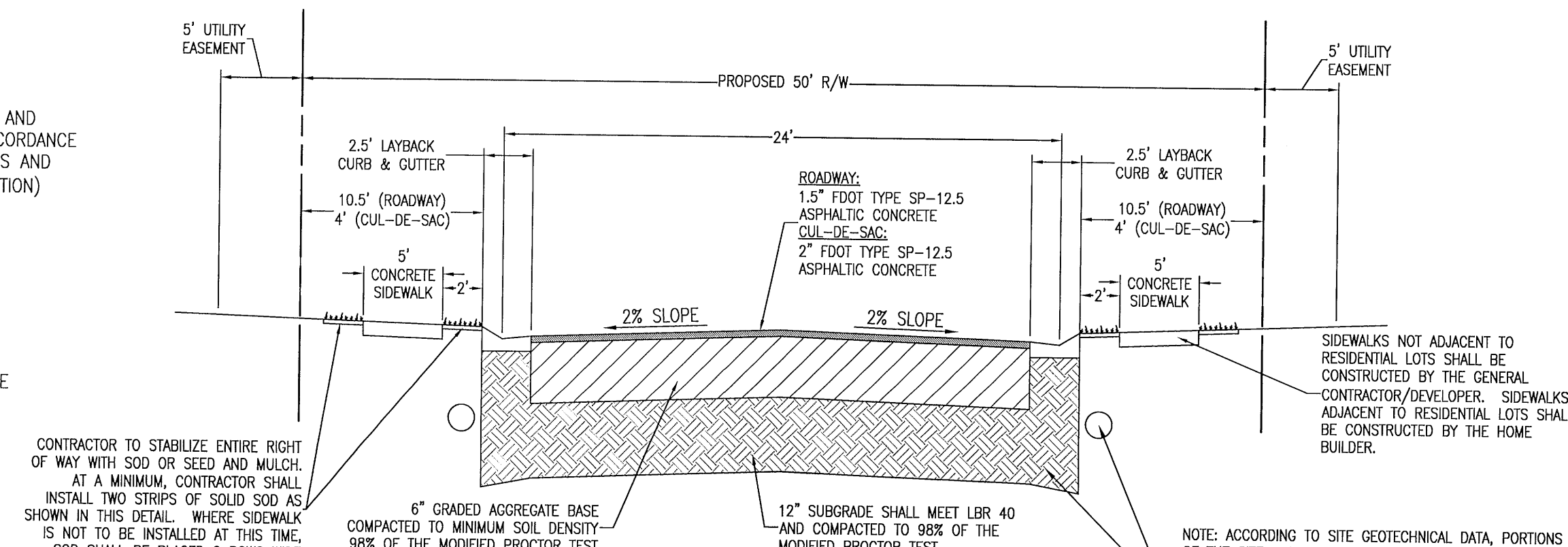
FDOT STANDARD
R1-1
2'-0" x 2'-0"
N.T.S.



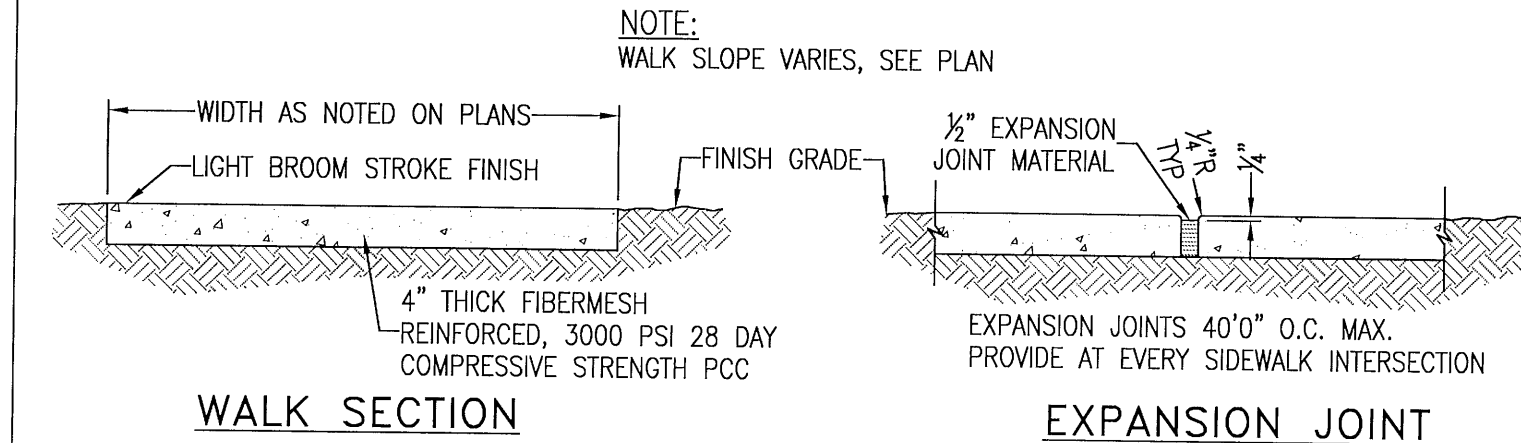
TYPICAL ESCAMBIA COUNTY
CUL-DE-SAC DETAIL
N.T.S.



SIGN MOUNTING DETAIL
N.T.S.

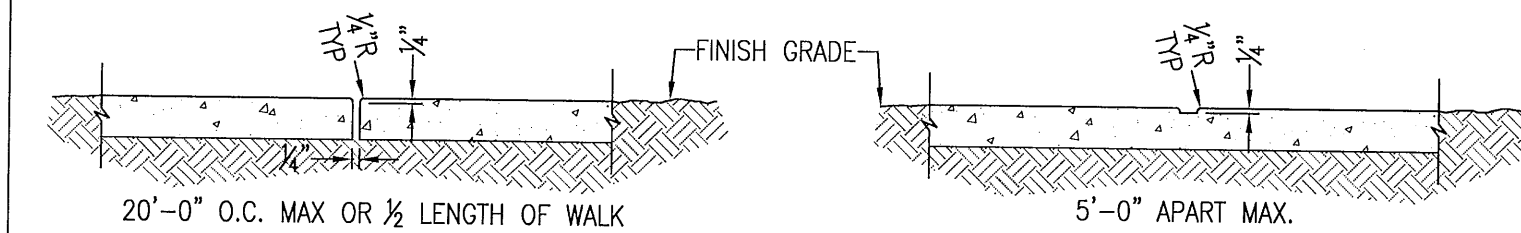


TYPICAL CROWNED ROAD SECTION
N.T.S.



WALK SECTION

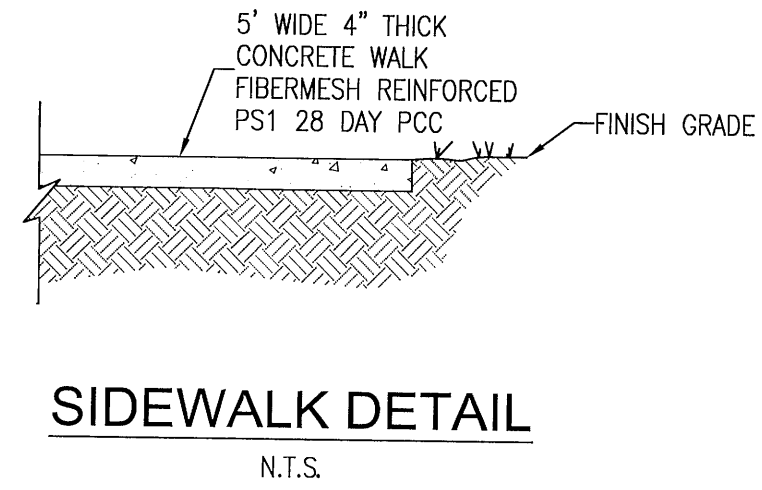
EXPANSION JOINT



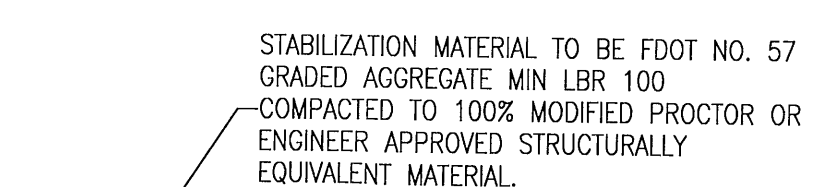
CONSTRUCTION JOINT

DUMMY GROOVE

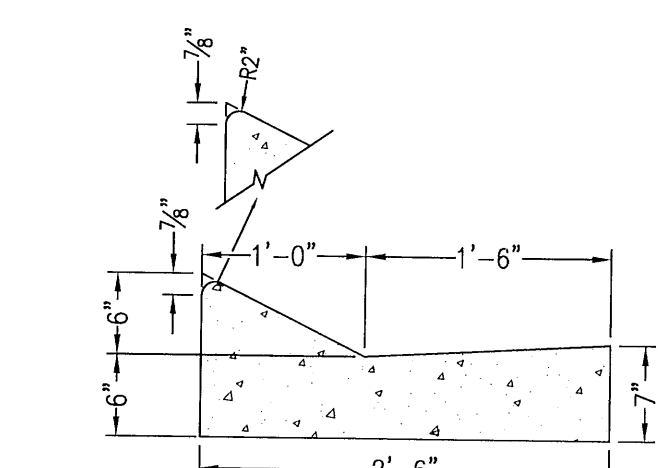
SIDEWALK DETAILS
N.T.S.



SIDEWALK DETAIL
N.T.S.

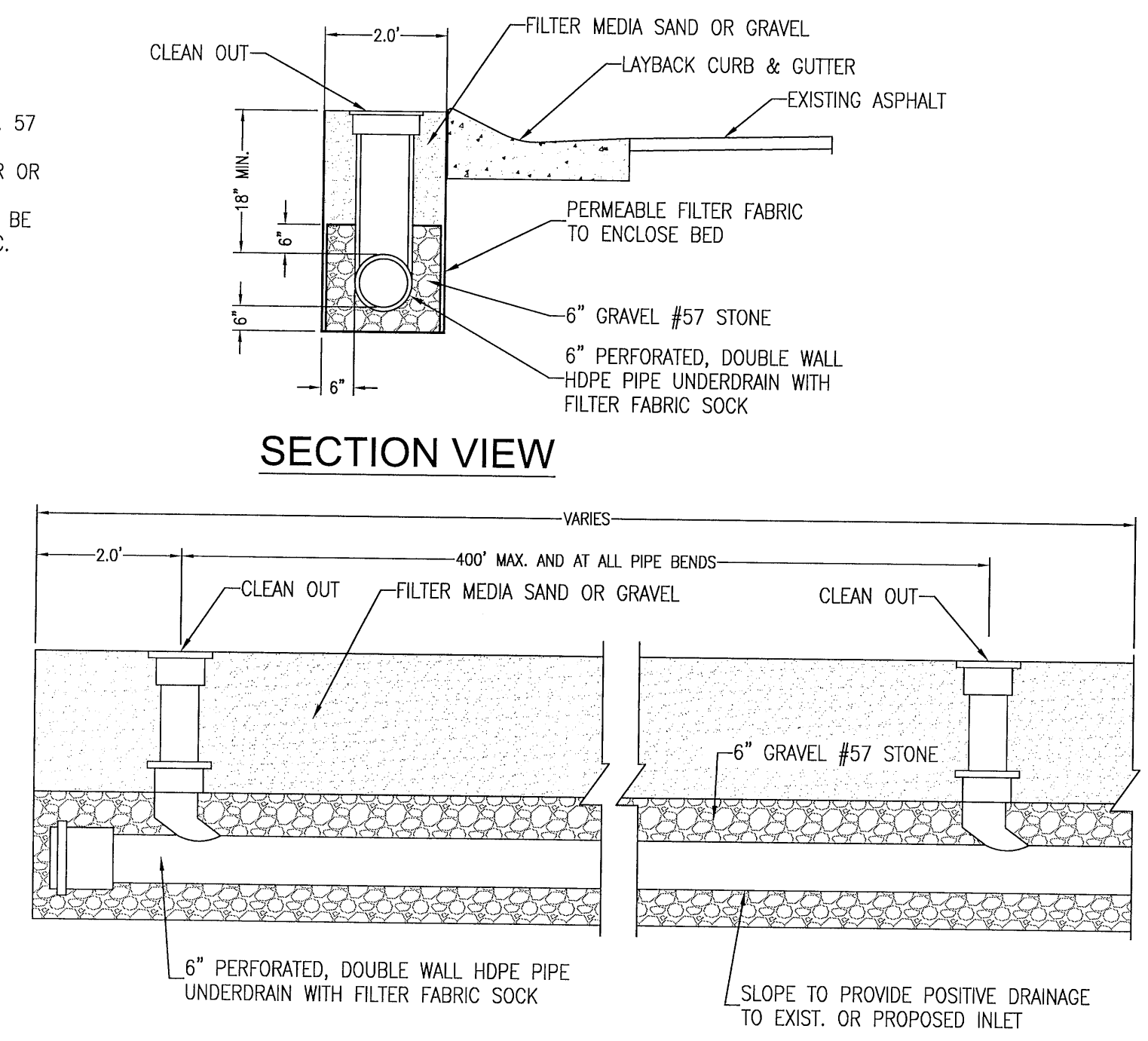


FIRE DEPARTMENT ROAD SECTION
N.T.S.

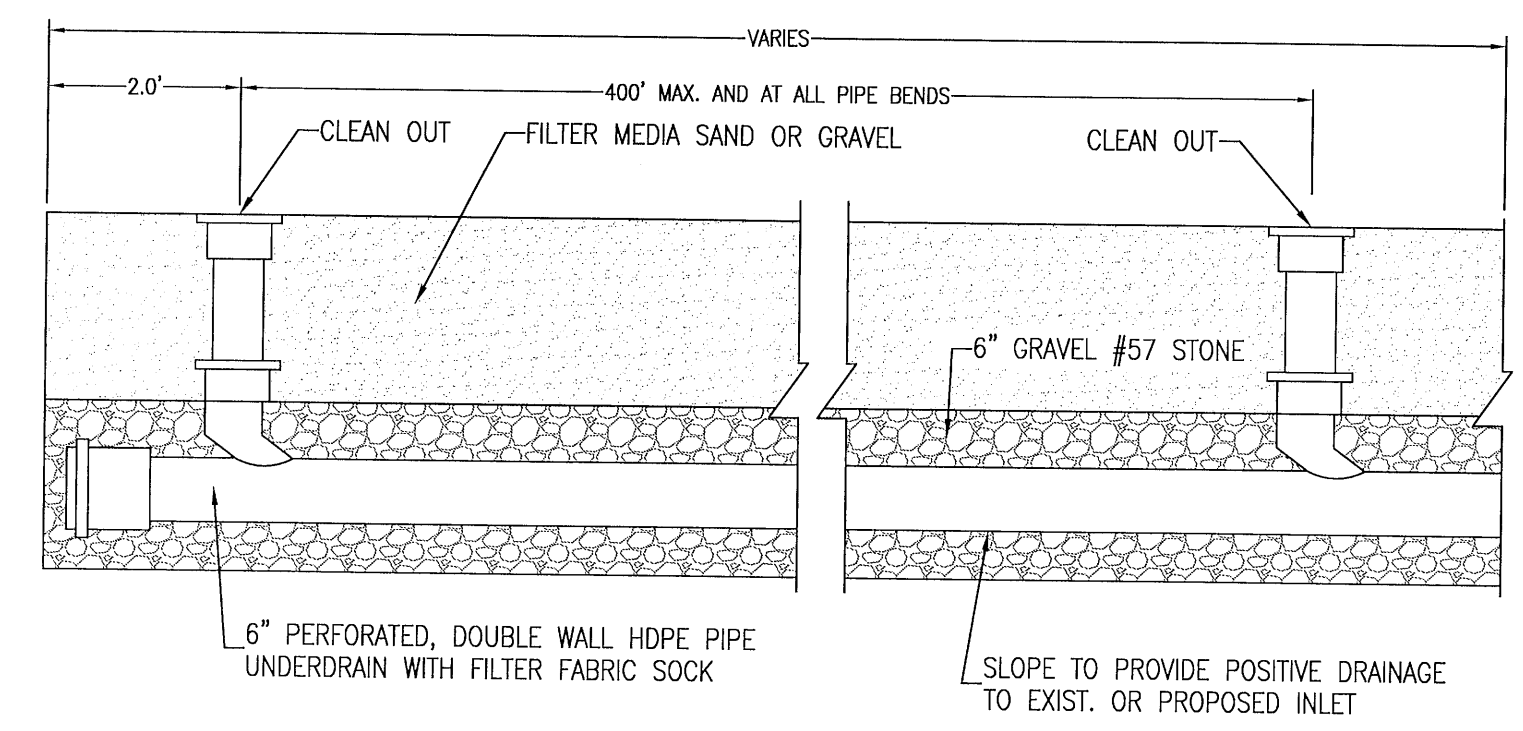


- NOTES:
1. ALL CURB TO HAVE DUMMY JOINT AT 10' ON CENTER. MIN. DEPTH OF JOINT TO BE 2".
 2. EXPANSION JOINTS ARE TO BE 30' ON CENTER. TYPICAL FOR ALL CURB.
 3. ALL CONCRETE SHALL BE 3000 psi AT 28 DAYS.

LAYBACK CURB & GUTTER
N.T.S.



SECTION VIEW



PROFILE VIEW

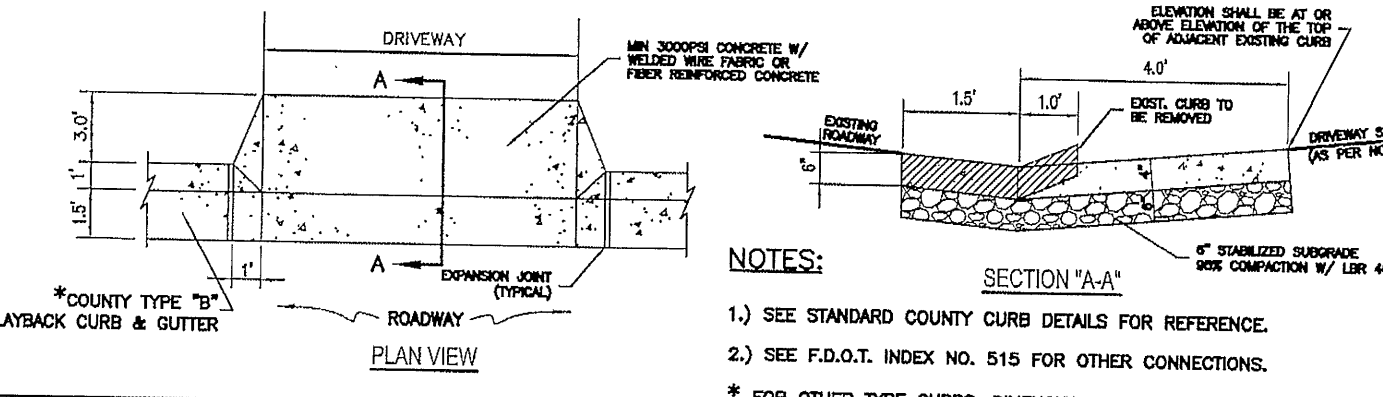
NOTE:
FILTER MEDIA SHALL MEET THE FOLLOWING CRITERIA GRAIN SIZE: BETWEEN 0.2 AND .55mm
UNIFORMITY COEFFICIENT 1.5 AND 4.0 PERMEABILITY RATE BETWEEN 2.36 AND 5 FT./HR.

ROADSIDE UNDERDRAIN
NOT TO SCALE

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

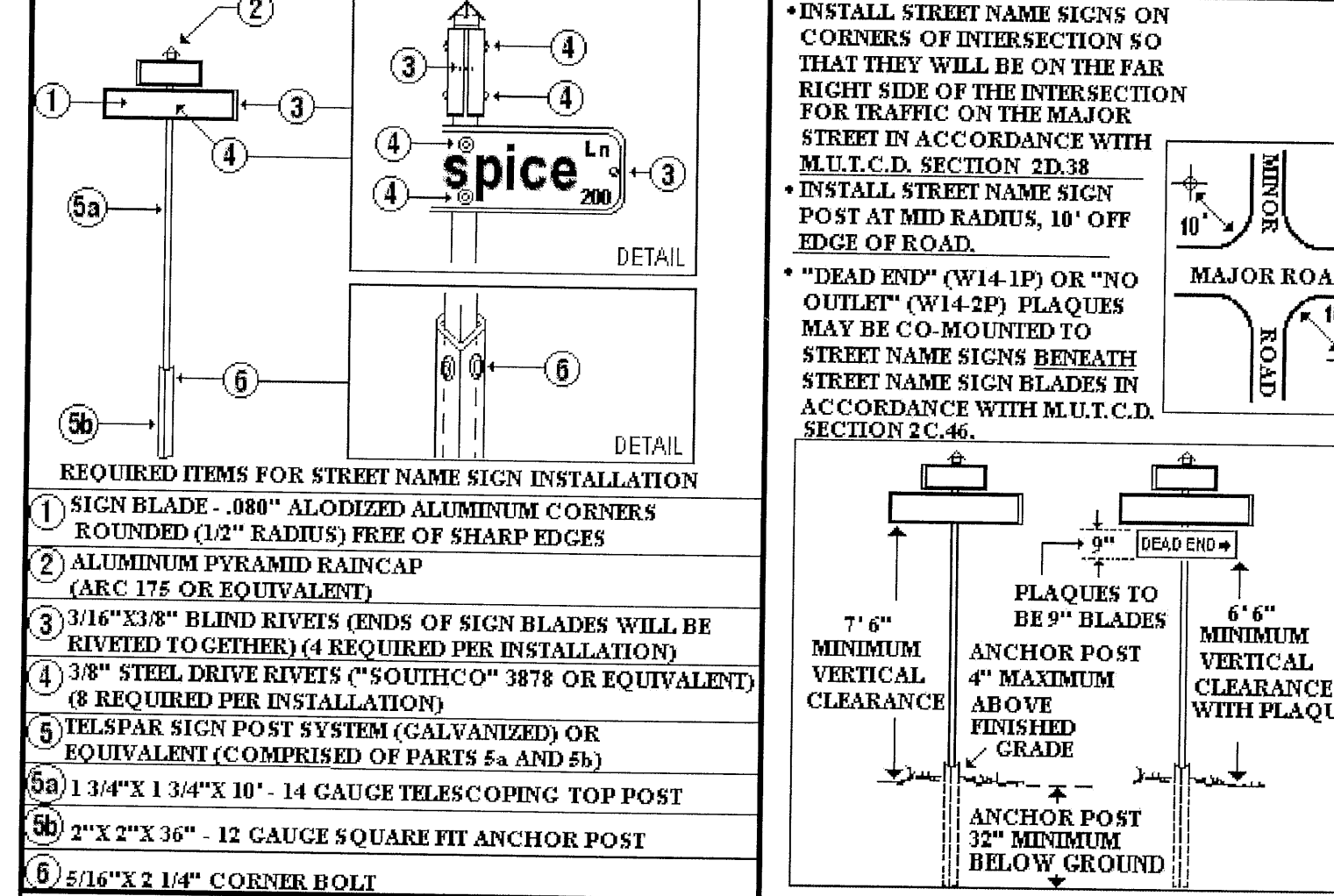
- NOTES:
- 1) ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER/CONTRACTOR.
 - 2) DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1" - 1/2" ASPHALT WITH 6" STABILIZED SUB GRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUB GRADE - 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND 4" IN DEPTH ON THE COUNTY MAINTAINED PORTION OF DRIVEWAY.
 - 3) DRIVEWAYS ABUTTING A DIRT ROAD SHALL BE MILLED ASPHALT, GRADED AGGREGATE BASE, OR WASHED CONCRETE.
 - 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.



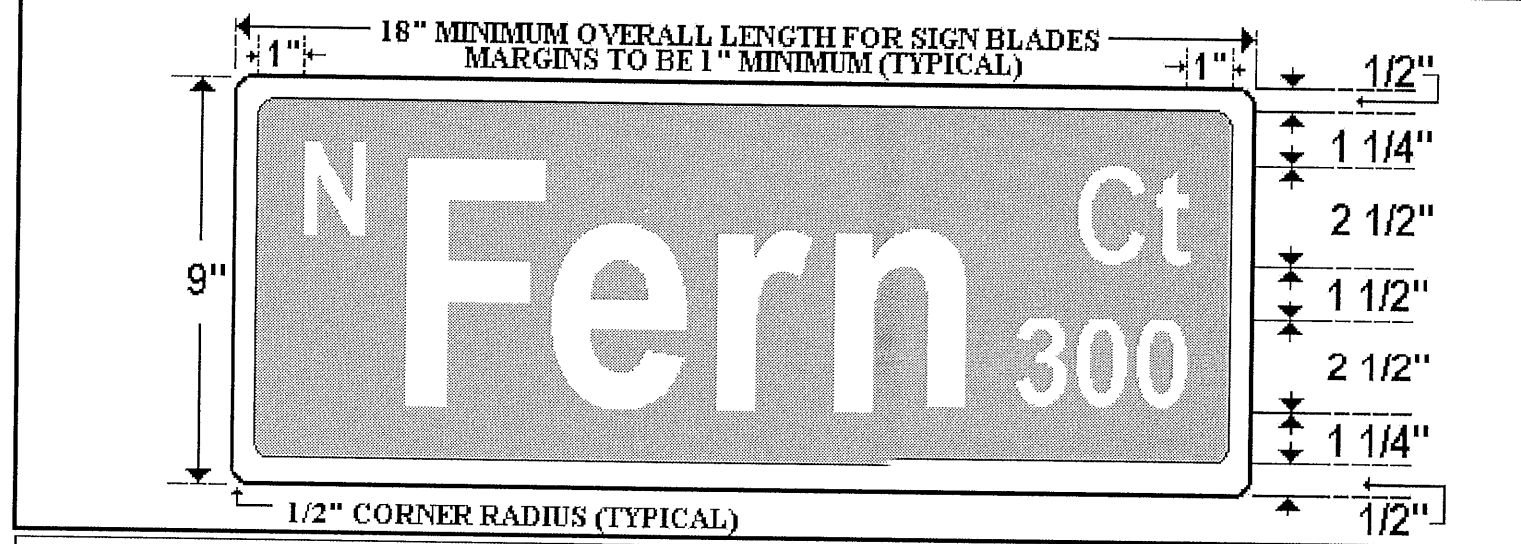
TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.

STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS



- REQUIRED ITEMS FOR STREET NAME SIGN INSTALLATION
- 1) SIGN BLADE - .080" ALUMINIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES
 - 2) ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)
 - 3) 3/16"x3/8" BLIND RIVETS (ENDS OF SIGN BLADES WILL BE RIVETED TOGETHER) (4 REQUIRED PER INSTALLATION)
 - 4) 3/8" STEEL DRIVE RIVETS ("SOUTHCOR" 3878 OR EQUIVALENT) (8 REQUIRED PER INSTALLATION)
 - 5) TELSAP SIGN POST SYSTEM (GALVANIZED) OR EQUIVALENT (COMPRISED OF PARTS 5a AND 5b)
 - 5a) 1 3/4"x1 3/4"x10" - 14 GAUGE TELESCOPING TOP POST
 - 5b) 2"x2"x36" - 12 GAUGE SQUARE FIT ANCHOR POST
 - 6) 5/16"x2 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 BE 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*

REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
E# 0009657

DETAILS

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION	DATE	BY	CHK
No.			

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

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.
C2.2

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1. Cross Slopes and Grades

- A. Sidewalk, ramp, or 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 slopes). 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 D22-001. No joints are permitted within the ramp portion of the Curb Ramp.

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.

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

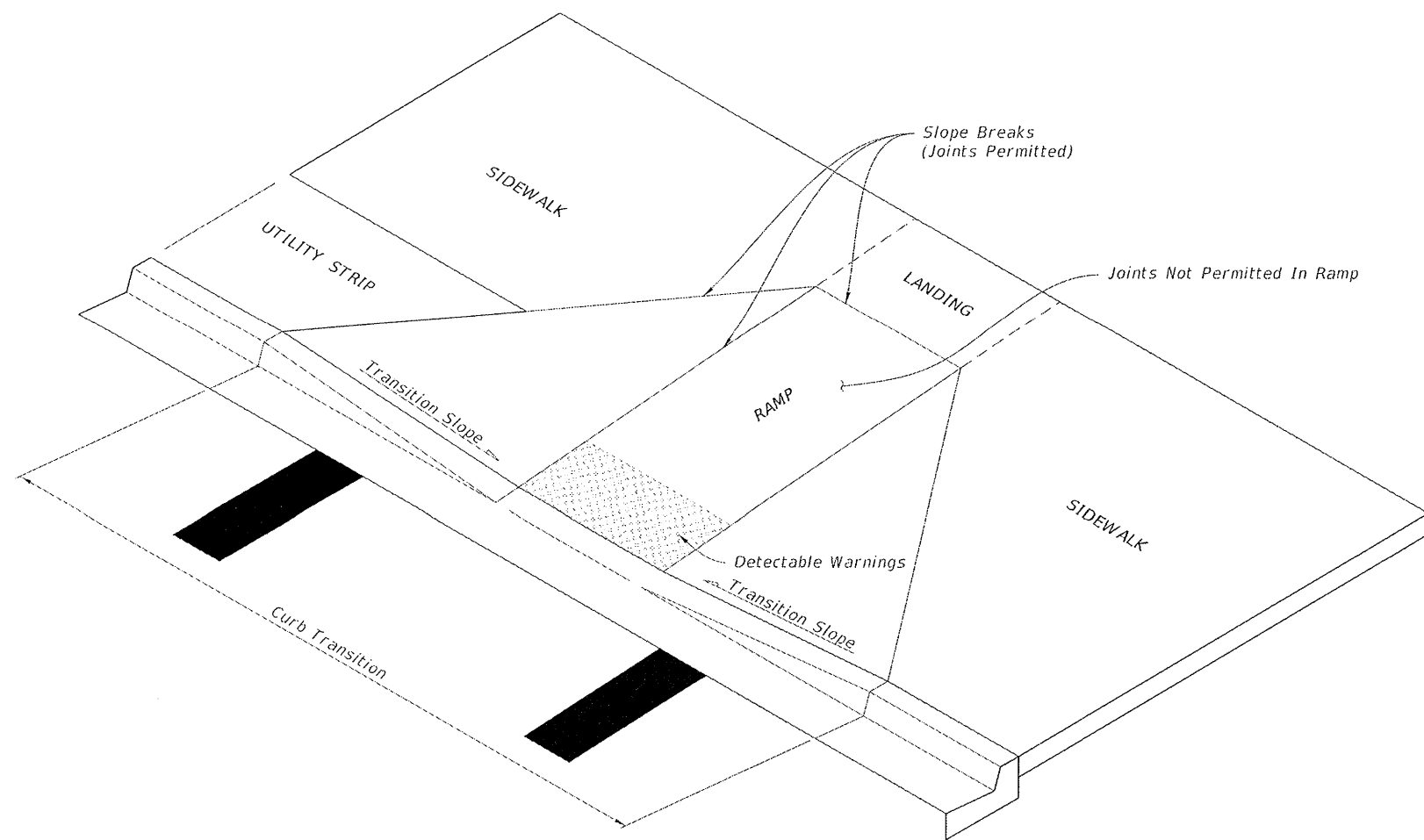
B. Alpha-identifications CR-I and CR-J are intentionally omitted.

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.

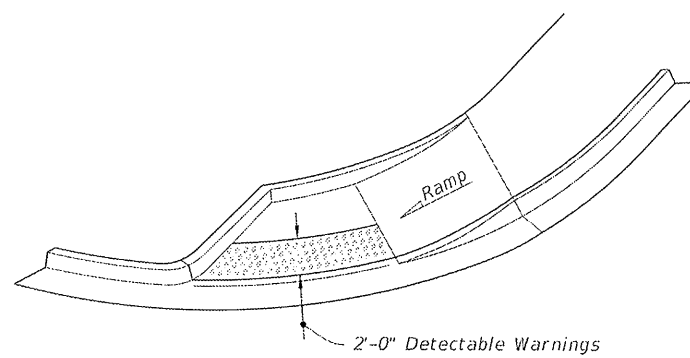
A. Color and texture shall be complete and uniform.

- 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.

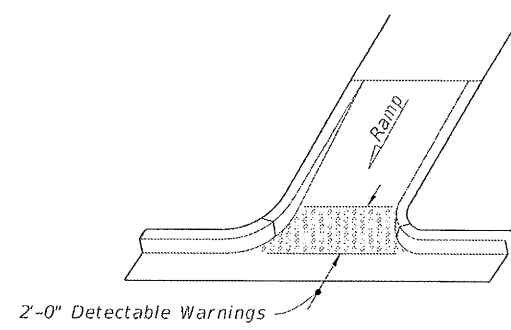


CURB RAMP NOMENCLATURE

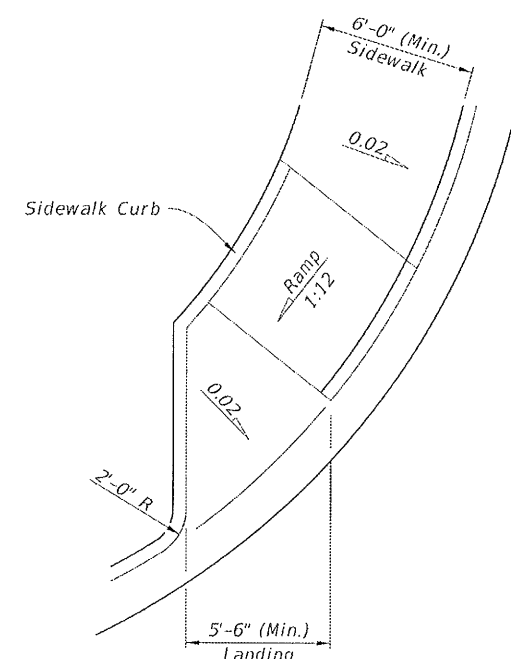
LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS	INDEX 522-002	SHEET 1 of 8
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ISOMETRIC VIEW

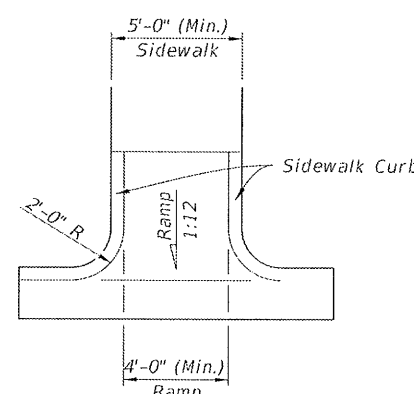


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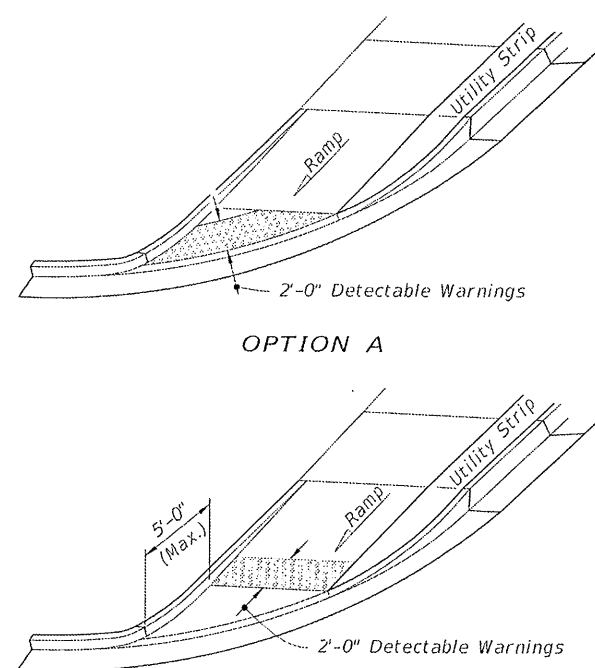
PLAN VIEW

CR-D

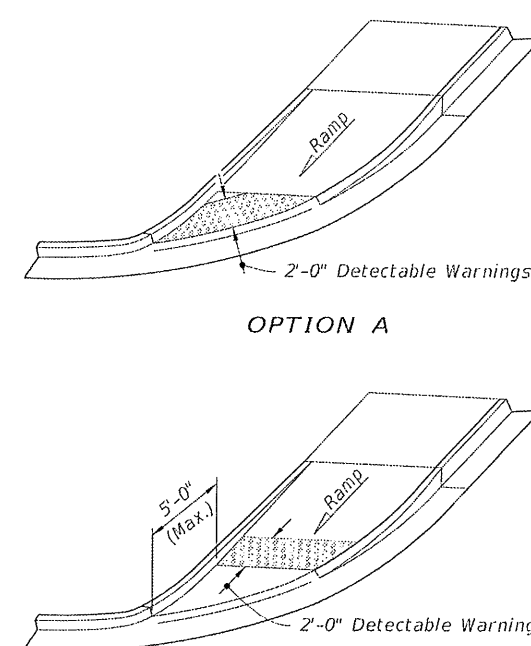


PLAN VIEW

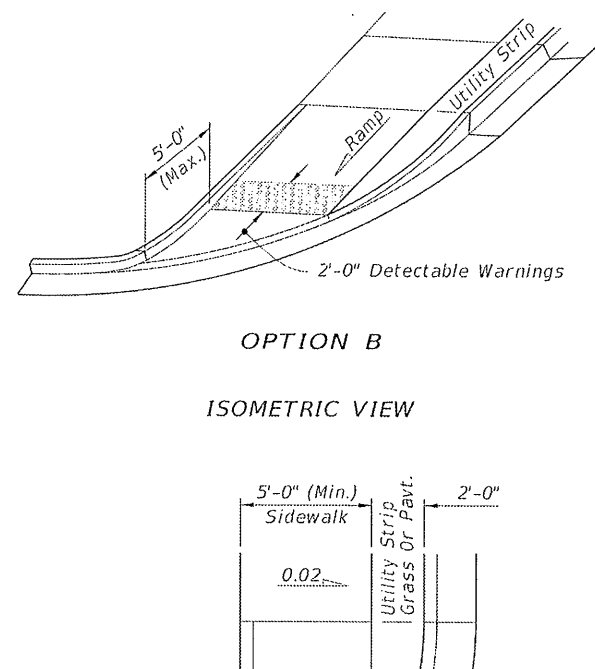
CR-F



OPTION A

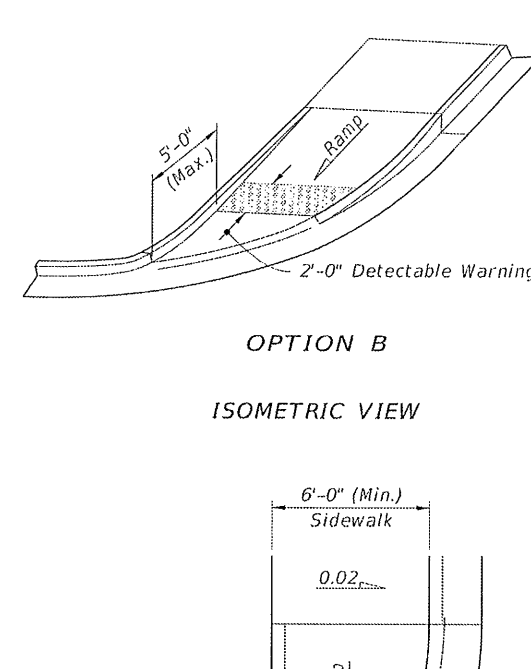


OPTION A



OPTION E


ISOMETRIC V



OPTION B

ISOMETRIC VI.

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

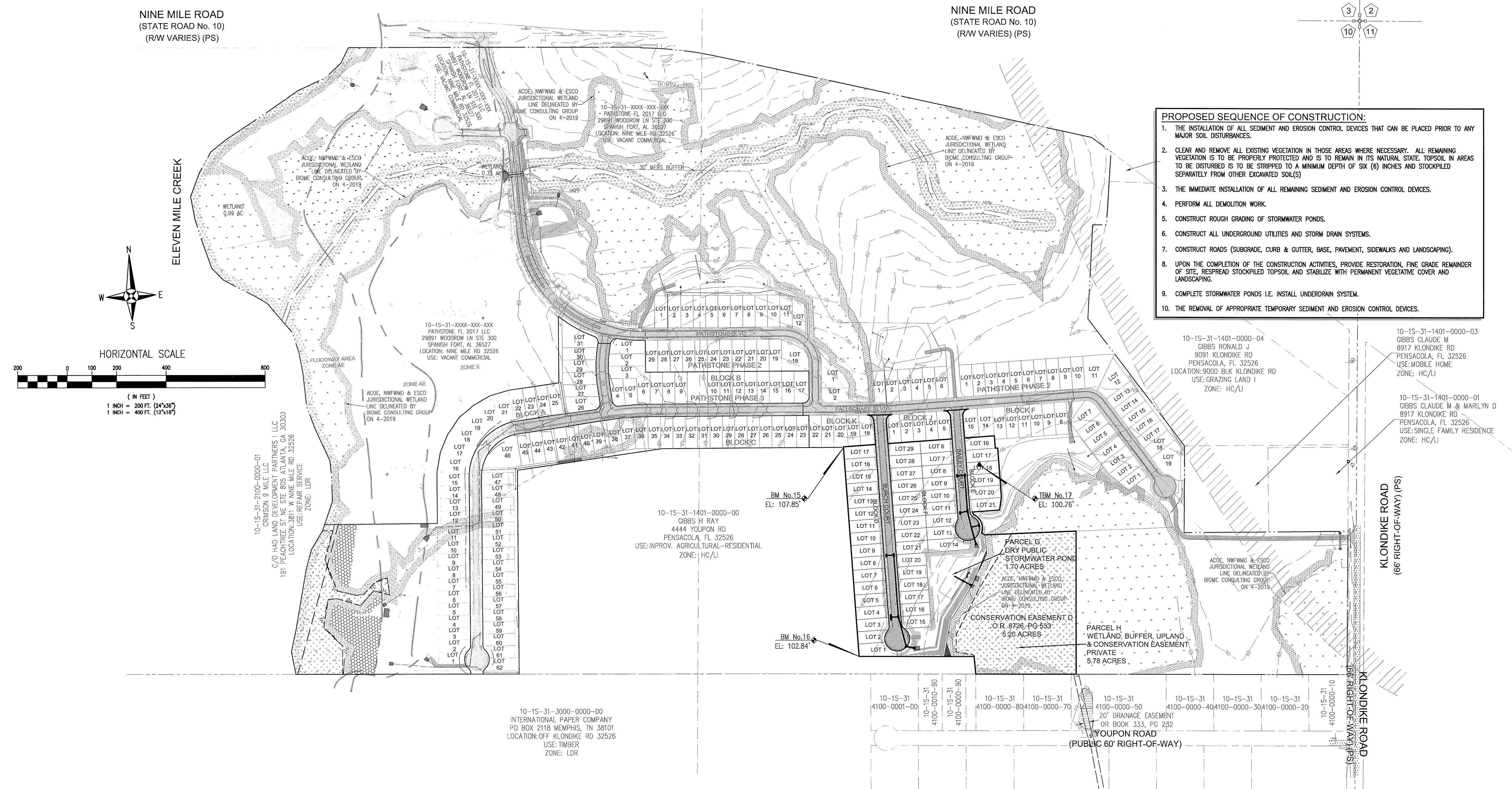
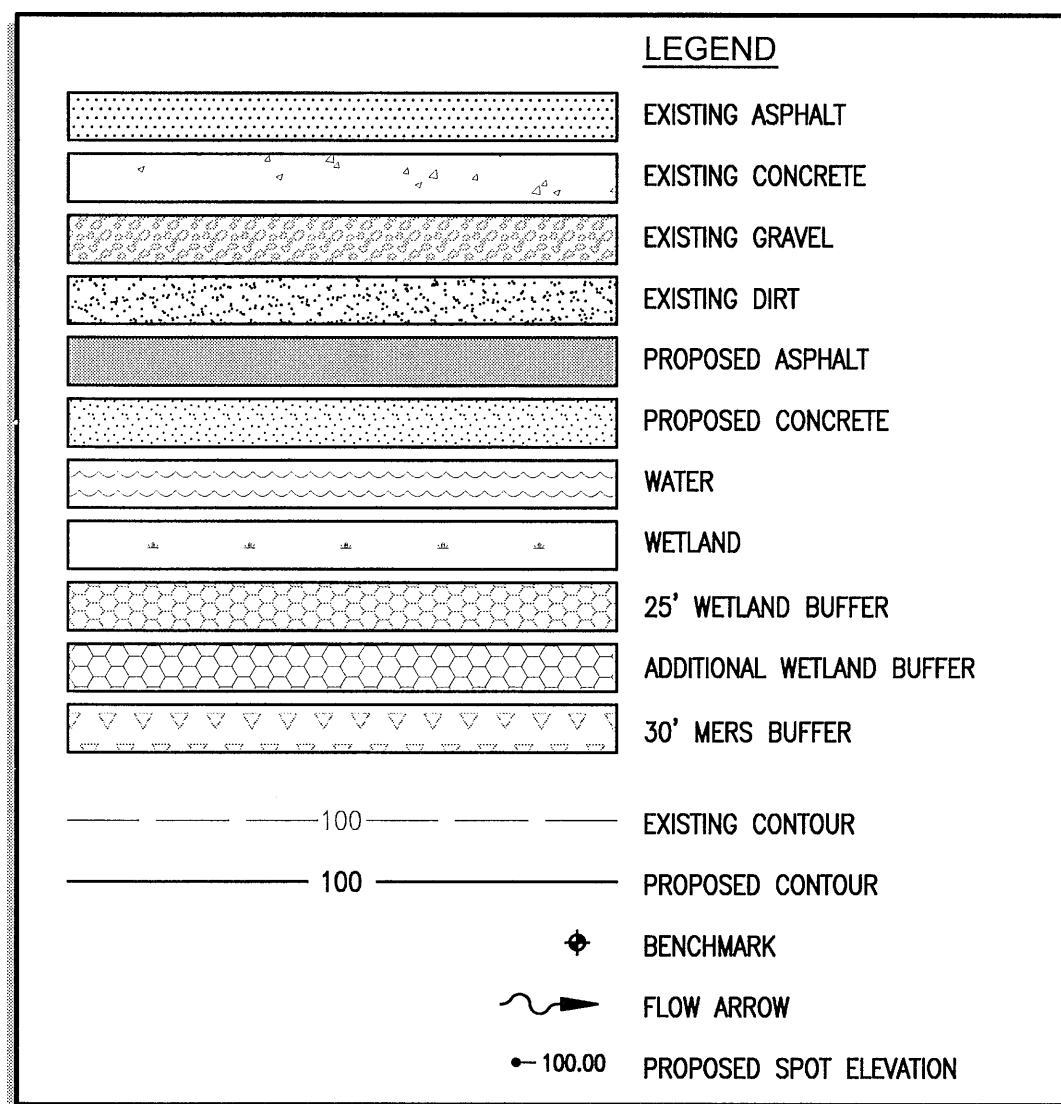
LAST REVISION 11/01/17	DESCRIPTION:	 FY 2018-19 STANDARD PLANS	DETECTABLE WARNINGS AND SIDEWALK CURB RAMPS INDEX 522-002 SHEET 4 of 8
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1. THE CONTRACTOR SHALL INSTALL PRIOR TO THE START OF CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL 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 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 PLANT APPROVAL AND ACCEPTANCE PROCESS, A MINIMUM OF TWO STRIPS OF SOIL (MINIMUM 2' WIDE) BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SODDED/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 REQUESTING A FINAL INSPECTION.
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 NFWMD.
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 SHALL BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
BM NO.15	2" DIA ROUND CONC MONUMENT	567494.7602	1075466.8797	107.85'
BM NO.16	2" DIA ROUND CONC MONUMENT	566847.1295	1075487.3576	102.84'
TBM NO.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'



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 ROUGH GRADING OF STORMWATER POND(S).
6. CONSTRUCT ALL UNDERGROUND UTILITIES AND POND DRAIN SYSTEMS.
7. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).
8. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, REGRASS STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
9. COMPLETE STORMWATER PONDS I.E. INSTALL UNDERDRAIN SYSTEM.
10. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.


**REBOL-BATTLE & ASSOCIATES**
Civil Engineers and Surveyors
2391 N. North Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850/438-0400 Fax 850/438-0448
EB 00009657

OVERALL GRADING & DRAINAGE PLAN

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

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NOT FOR CONSTRUCTION

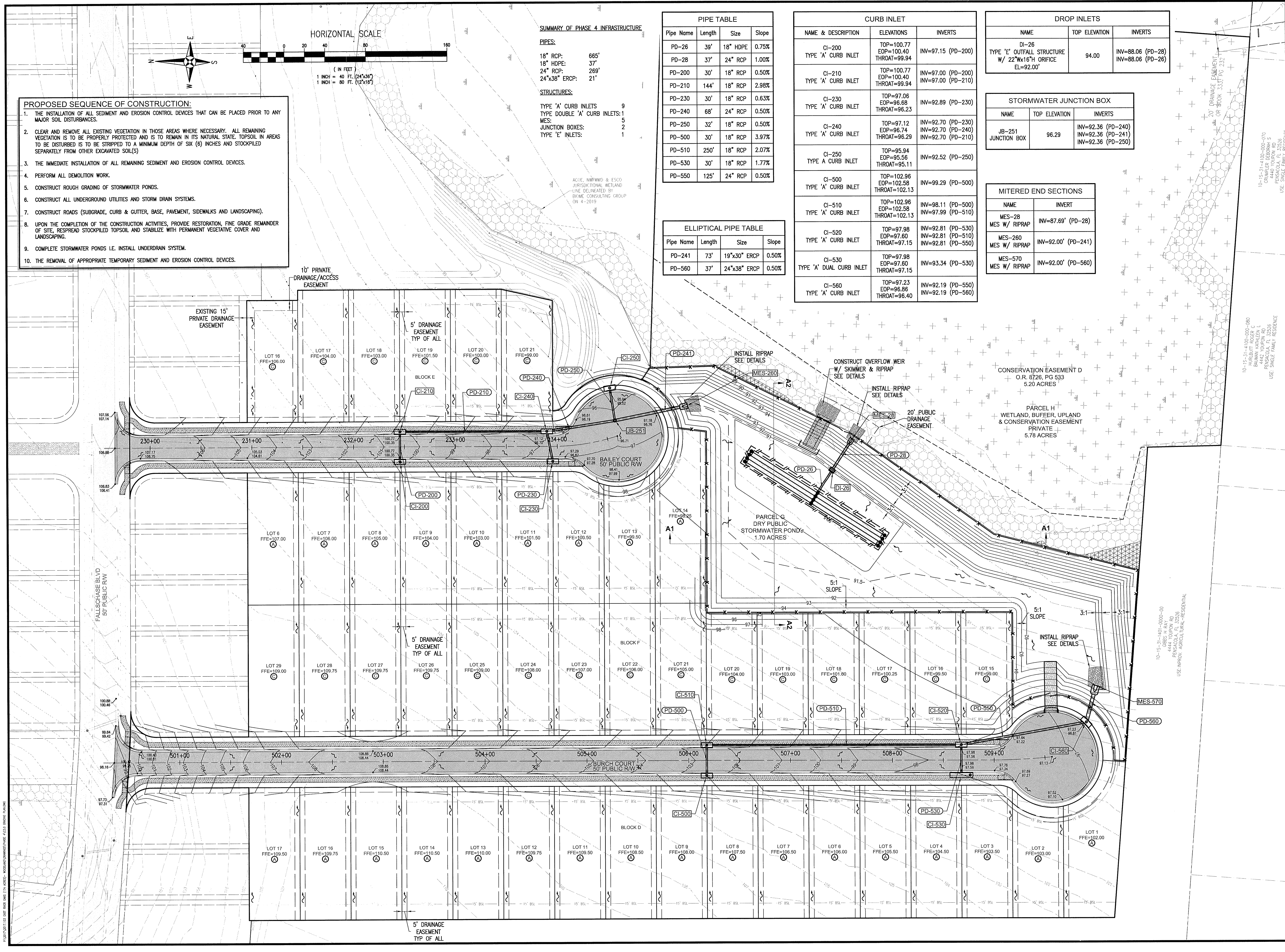


FLORIDA
PROFESSIONAL ENGINEER
No. 76144
STATE OF
P.E.

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

C3.0

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 9. COMPLETE STORMWATER PONDS I.E. INSTALL UNDERDRAIN SYSTEM.
 10. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

SUMMARY OF PHASE 4 INFRASTRUCTURE

PIPES:	
18" RCP:	665'
18" HDPE:	37'
24" RCP:	269'
24"x36" ERCP:	21'

STRUCTURES:	
TYPE 'A' CURB INLETS	9
TYPE DOUBLE 'A' CURB INLETS:	1
MES:	5
JUNCTION BOXES:	2
TYPE 'E' INLETS:	1

PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-26	39'	18" HDPE	0.75%
PD-28	37'	24" RCP	1.00%
PD-200	30'	18" RCP	0.50%
PD-210	144'	18" RCP	2.98%
PD-230	30'	18" RCP	0.63%
PD-240	68'	24" RCP	0.50%
PD-250	32'	18" RCP	0.50%
PD-500	30'	18" RCP	3.97%
PD-510	250'	18" RCP	2.07%
PD-530	30'	18" RCP	1.77%
PD-550	125'	24" RCP	0.50%

ELLIPTICAL PIPE TABLE			
Pipe Name	Length	Size	Slope
PD-241	73'	19"x30" ERCP	0.50%
PD-560	37'	24"x36" ERCP	0.50%

CURB INLET		
NAME & DESCRIPTION	ELEVATIONS	INVERTS
CI-200 TYPE 'A' CURB INLET	TOP=100.77 EOP=100.40 THROAT=99.94	INV=97.15 (PD-200)
CI-210 TYPE 'A' CURB INLET	TOP=100.77 EOP=100.40 THROAT=99.94	INV=97.00 (PD-200) INV=97.00 (PD-210)
CI-230 TYPE 'A' CURB INLET	TOP=97.06 EOP=96.68 THROAT=96.23	INV=92.89 (PD-230)
CI-240 TYPE 'A' CURB INLET	TOP=97.12 EOP=96.74 THROAT=96.29	INV=92.70 (PD-230) INV=92.70 (PD-240) INV=92.70 (PD-210)
CI-250 TYPE A CURB INLET	TOP=95.94 EOP=95.56 THROAT=95.11	INV=92.52 (PD-250)
CI-500 TYPE 'A' CURB INLET	TOP=102.96 EOP=102.58 THROAT=102.13	INV=99.29 (PD-500)
CI-510 TYPE 'A' CURB INLET	TOP=102.96 EOP=102.58 THROAT=102.13	INV=98.11 (PD-500) INV=97.99 (PD-510)
CI-520 TYPE 'A' CURB INLET	TOP=97.98 EOP=97.60 THROAT=97.15	INV=92.81 (PD-530) INV=92.81 (PD-510) INV=92.81 (PD-550)
CI-530 TYPE 'A' DUAL CURB INLET	TOP=97.98 EOP=97.60 THROAT=97.15	INV=93.34 (PD-530)
CI-560 TYPE 'A' CURB INLET	TOP=97.23 EOP=96.86 THROAT=96.40	INV=92.19 (PD-550) INV=92.19 (PD-560)

DROP INLETS		
NAME	TOP ELEVATION	INVERTS
DI-26 TYPE 'E' OUTFALL STRUCTURE W/ 22"Wx16"H ORIFICE EL=92.00'	94.00	INV=88.06 (PD-28) INV=88.06 (PD-26)

STORMWATER JUNCTION BOX		
NAME	TOP ELEVATION	INVERTS
JB-251 JUNCTION BOX	96.29	INV=92.36 (PD-240) INV=92.36 (PD-241) INV=92.36 (PD-250)

MITERED END SECTIONS	
NAME	INVERT
MES-28 MES W/ RIPRAP	INV=87.69' (PD-28)
MES-260 MES W/ RIPRAP	INV=92.00' (PD-241)
MES-570 MES W/ RIPRAP	INV=92.00' (PD-560)

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GRADING & DRAINAGE PLAN

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

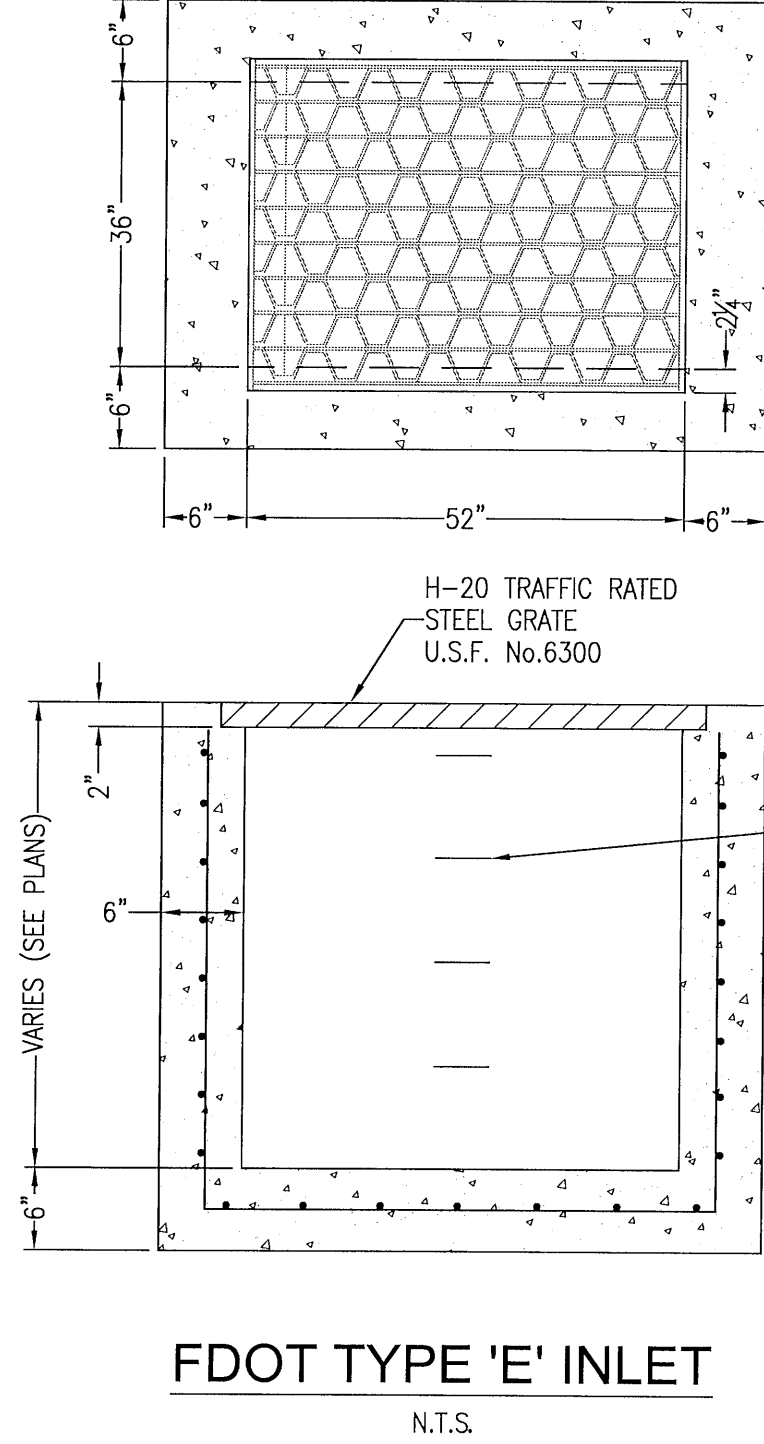
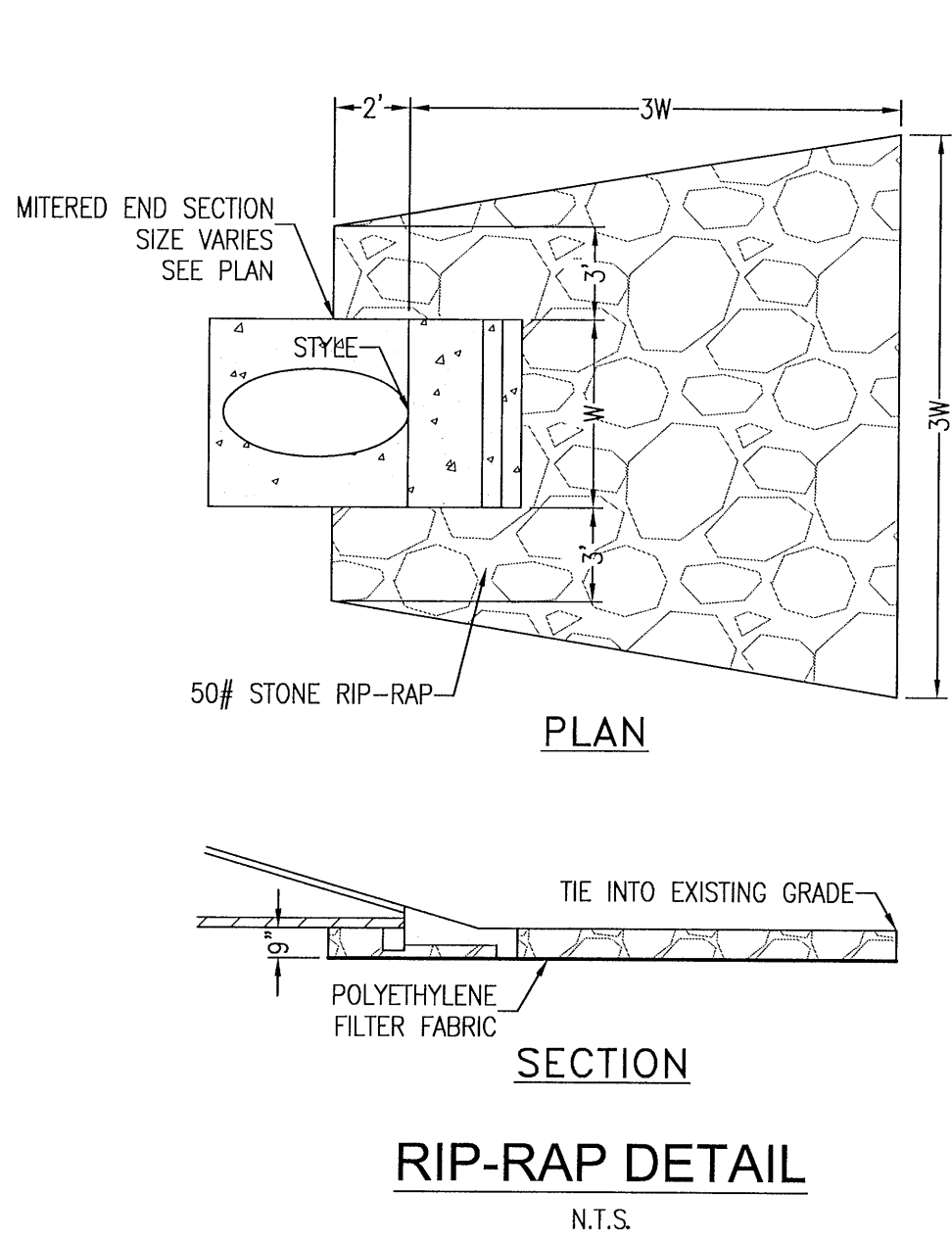
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Jeremy R. King
JEREMY R. KING
REGISTERED PROFESSIONAL ENGINEER
No. 12114

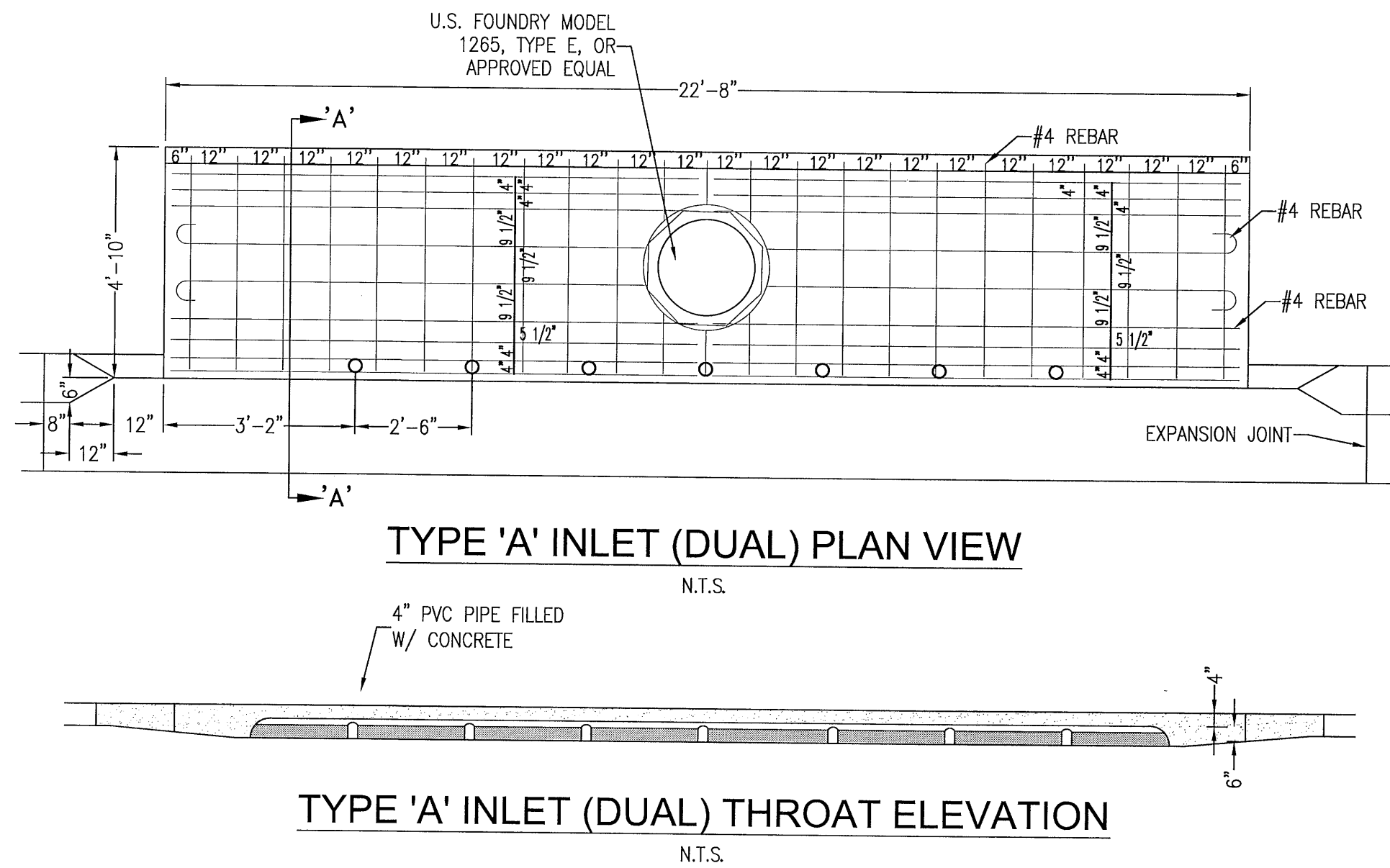
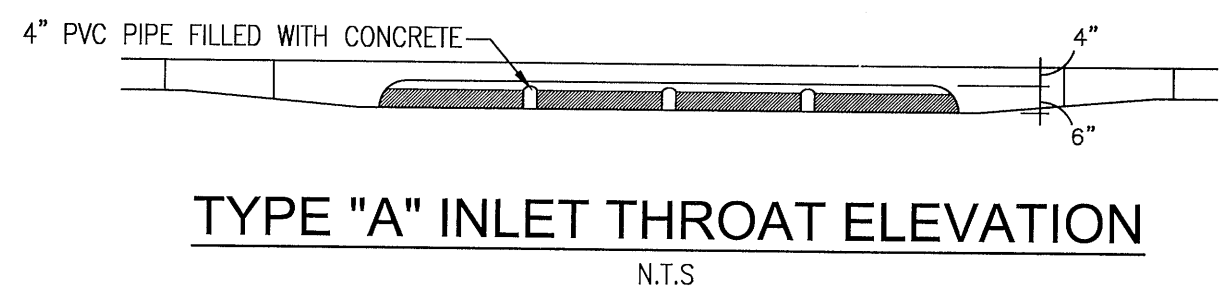
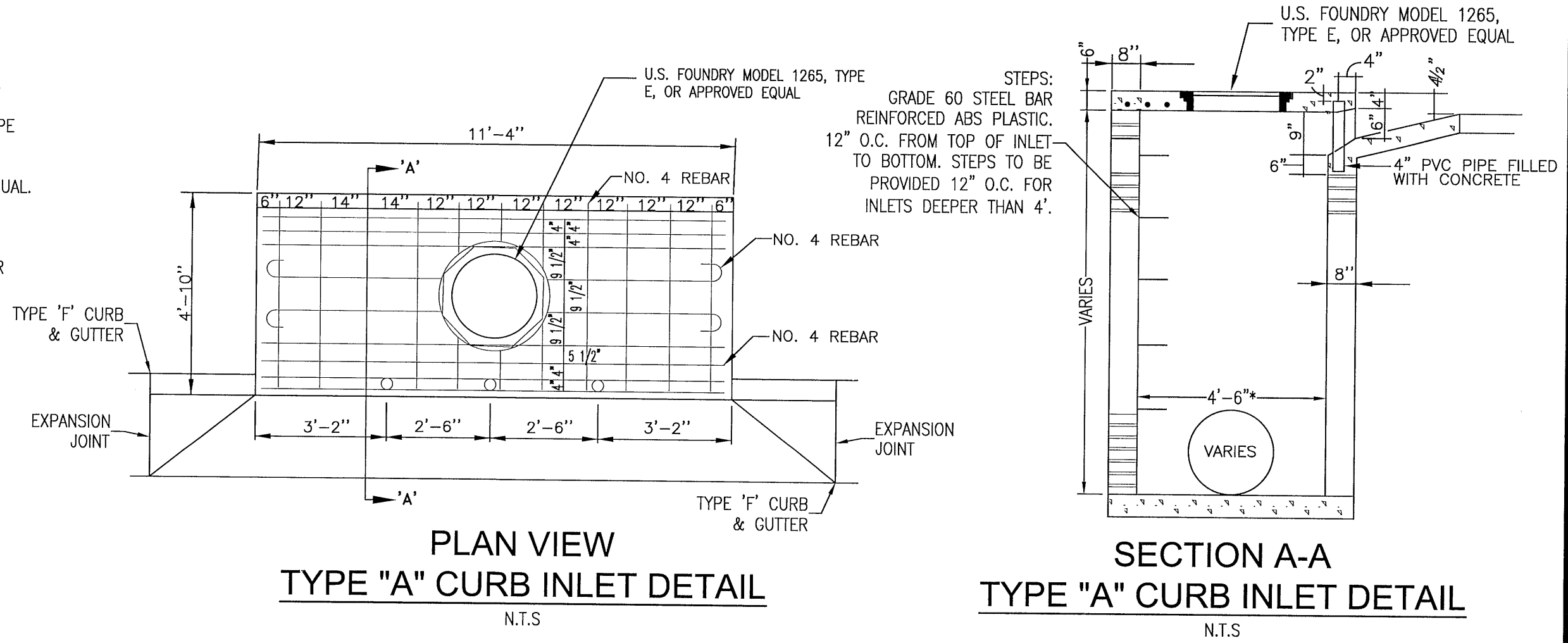
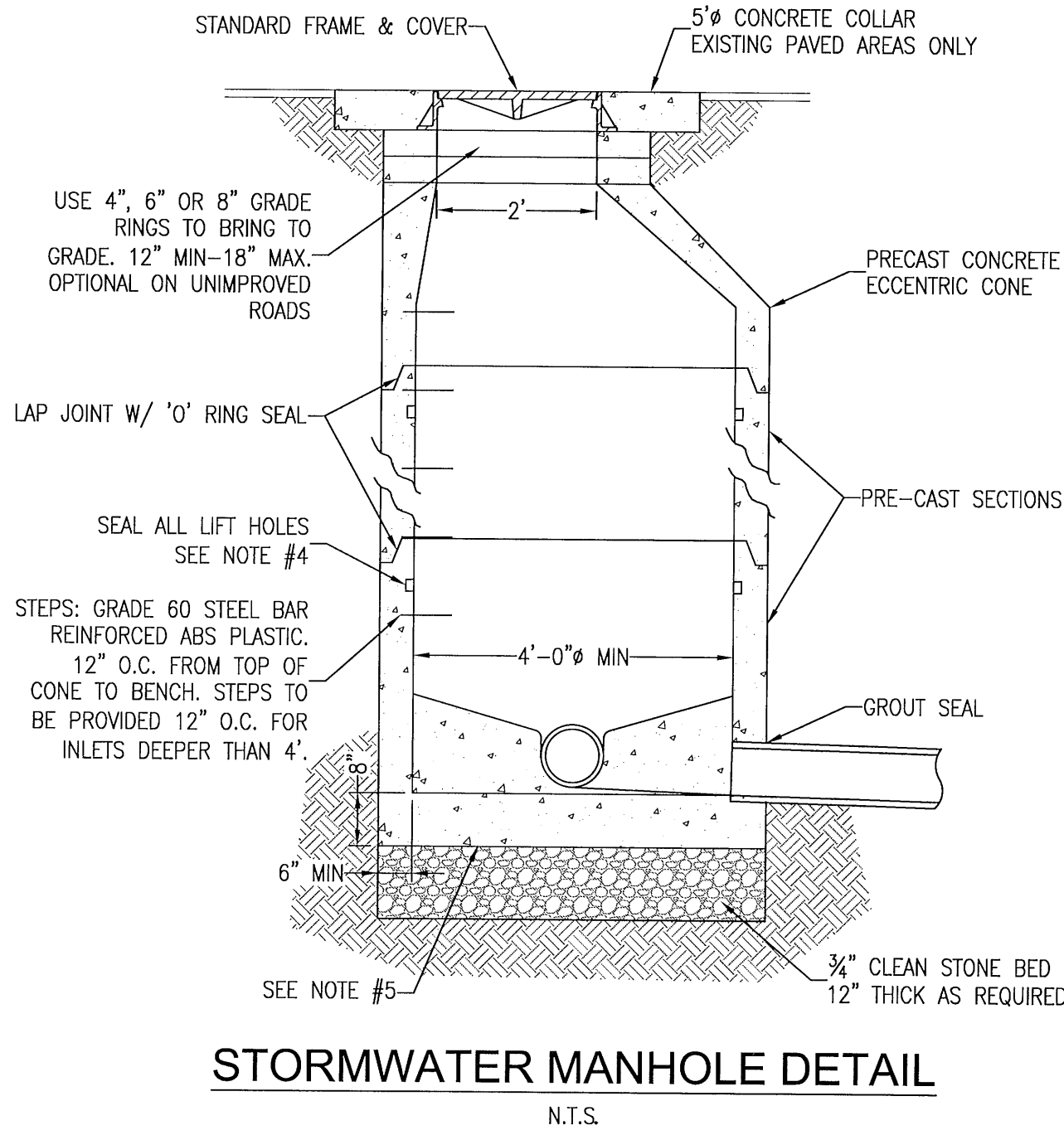
Dr. By: CBD
Ck By: JRK
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DRAWING No.
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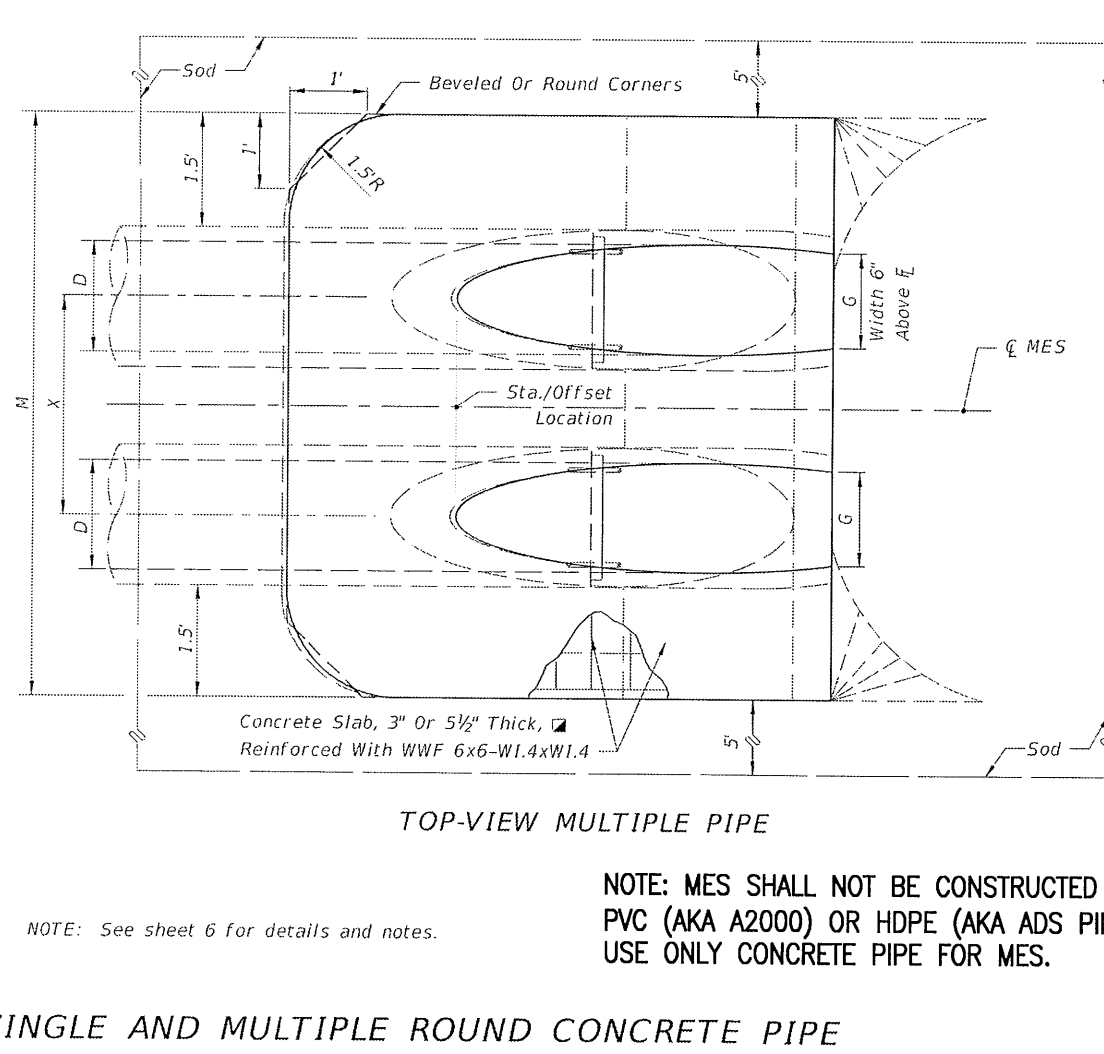
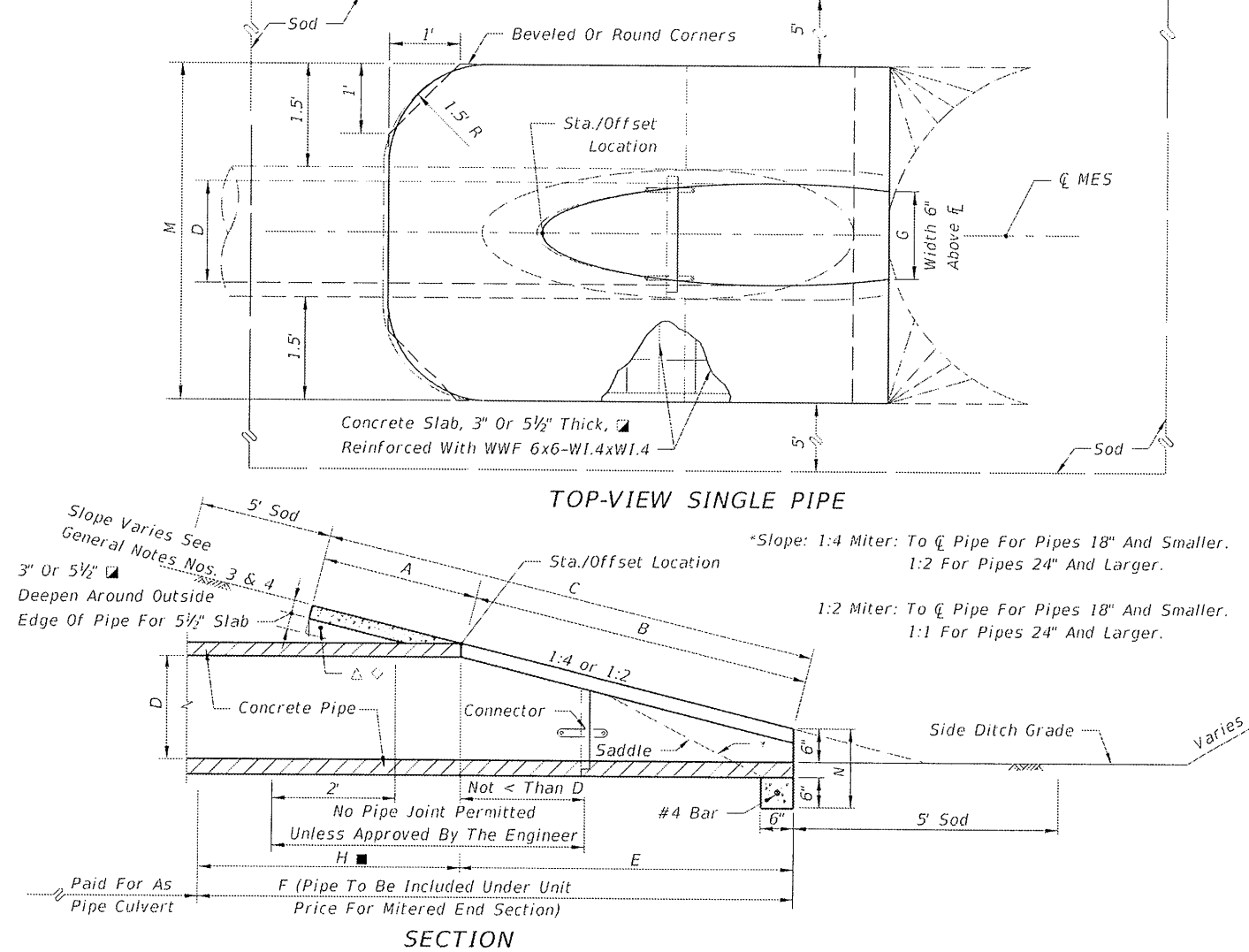
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- NOTES:**
- MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS WITH 4000 PSI CONCRETE.
 - DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
 - JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
 - ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
 - 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.
 - CAST IN PLACE MANHOLE MAY BE ALLOWED IN PRE-APPROVED LOCATIONS.



		DIMENSIONS AND QUANTITIES																											
		D	X	A	B	C	E	F	G	H	M				N	5 1/2" CONCRETE SLAB (CY)				SODDING (SY)									
											Single	Double	Triple	Quad		Single	Double	Triple	Quad	Single	Double	Triple	Quad						
1:2 Slope	15'	2'-0"	1.92	2.18	4.10	2.06	5'	1.22	2.9	4.63	7.27	9.79	12.31	1.19	0.38	0.58	0.77	0.96	21	24	27	30	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	Dimensions permitted to allow use of B standard pipe lengths.	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.
	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	0.63	0.82	1.09	22	25	28	31							
	24'	3'-5"	2.06	3.89	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	1.30	1.95	2.51	28	34	39	45							
	42'	6'-0"	2.34	7.21	9.55	6.56	10'	2.45	3.4	7.29	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'-4"	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'	3.30	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'-0"	2.27	4.09	6.38	4.03	8'	1.22	4.0	4.63	7.27	9.79	12.31	1.19	0.57	0.87	1.15	1.44	23	26	29	32	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	Dimensions permitted to allow use of B standard pipe lengths.	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.
	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	8.25	11.95	8.03	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	9.33	14.18	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	13.07	17'	2.45	4.0	7.29	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	12.43	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	17.49	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	7.36	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'-4"	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							



NOTE: MES SHALL NOT BE CONSTRUCTED OF PVC (AKA AZ200) OR HDPE (AKA ADS PIPE). USE ONLY CONCRETE PIPE FOR MES.

SINGLE AND MULTIPLE ROUND CONCRETE PIPE

INDEX
430-021

SHEET
1 of 6

RBA
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. North Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EO 000657

GRADING AND DRAINAGE DETAILS

Fallschase at Pathstone Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

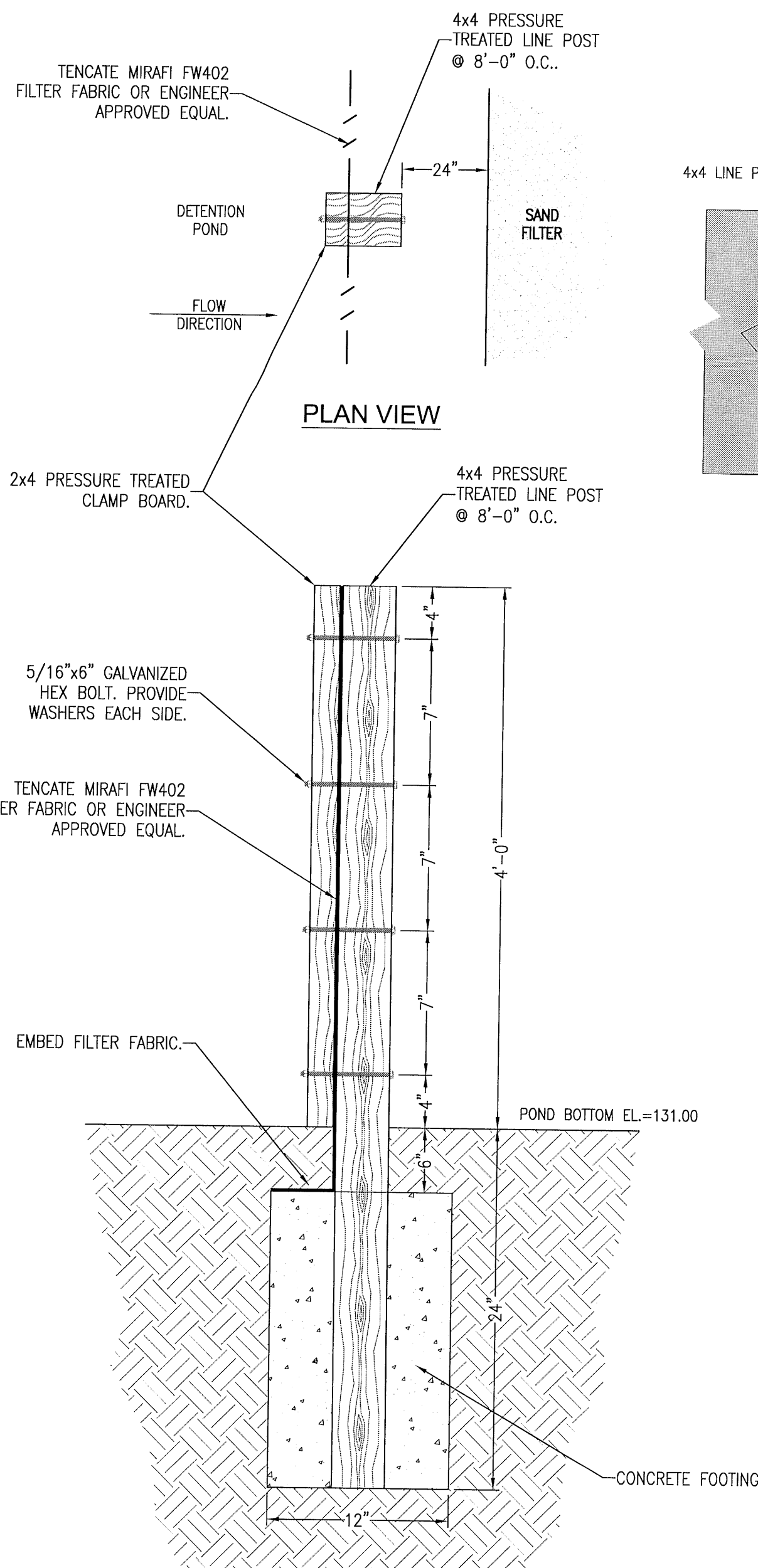
REVISION	DATE	BY	CHKD
1			
2			
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8			
9			
10			

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

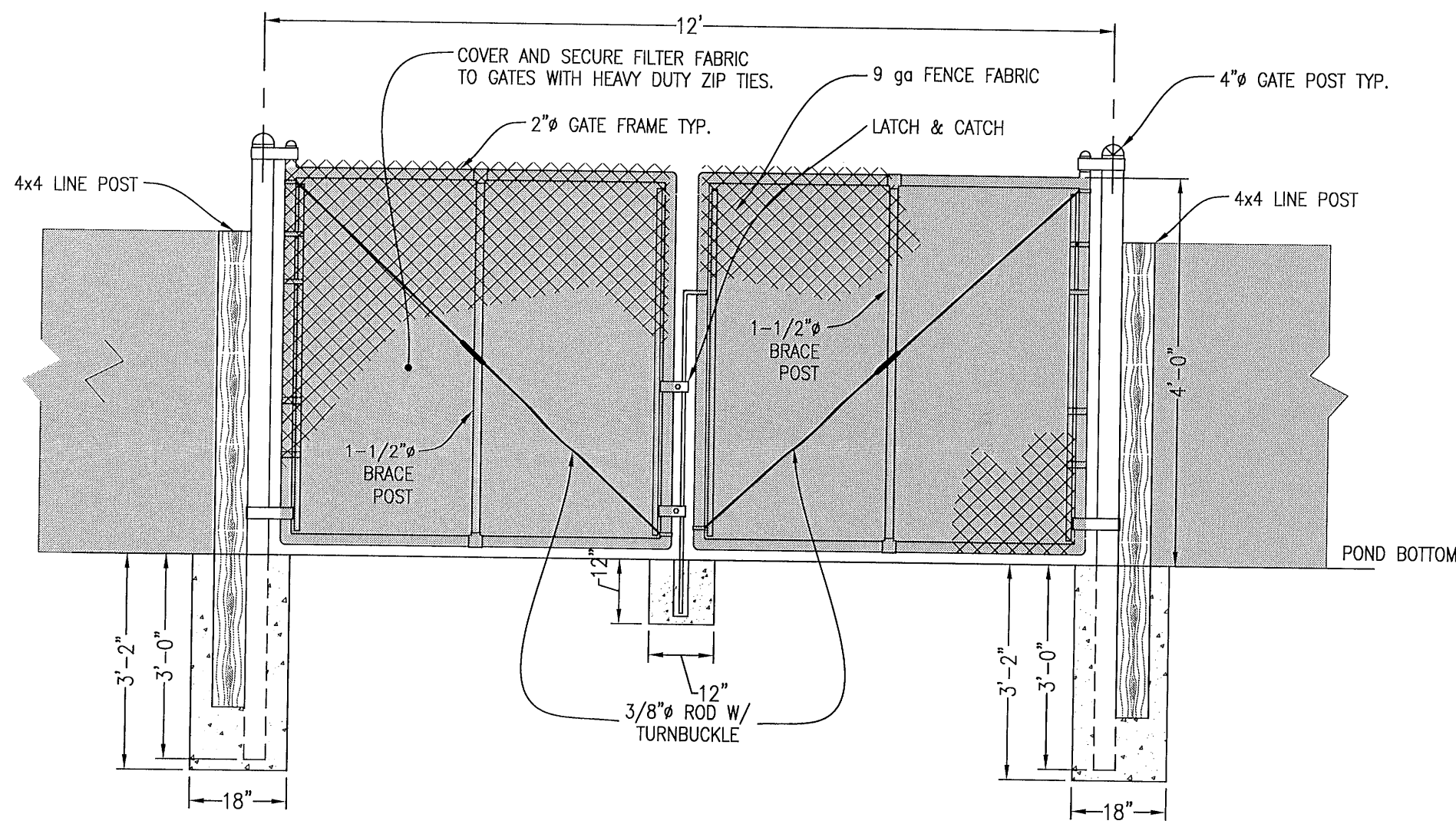
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

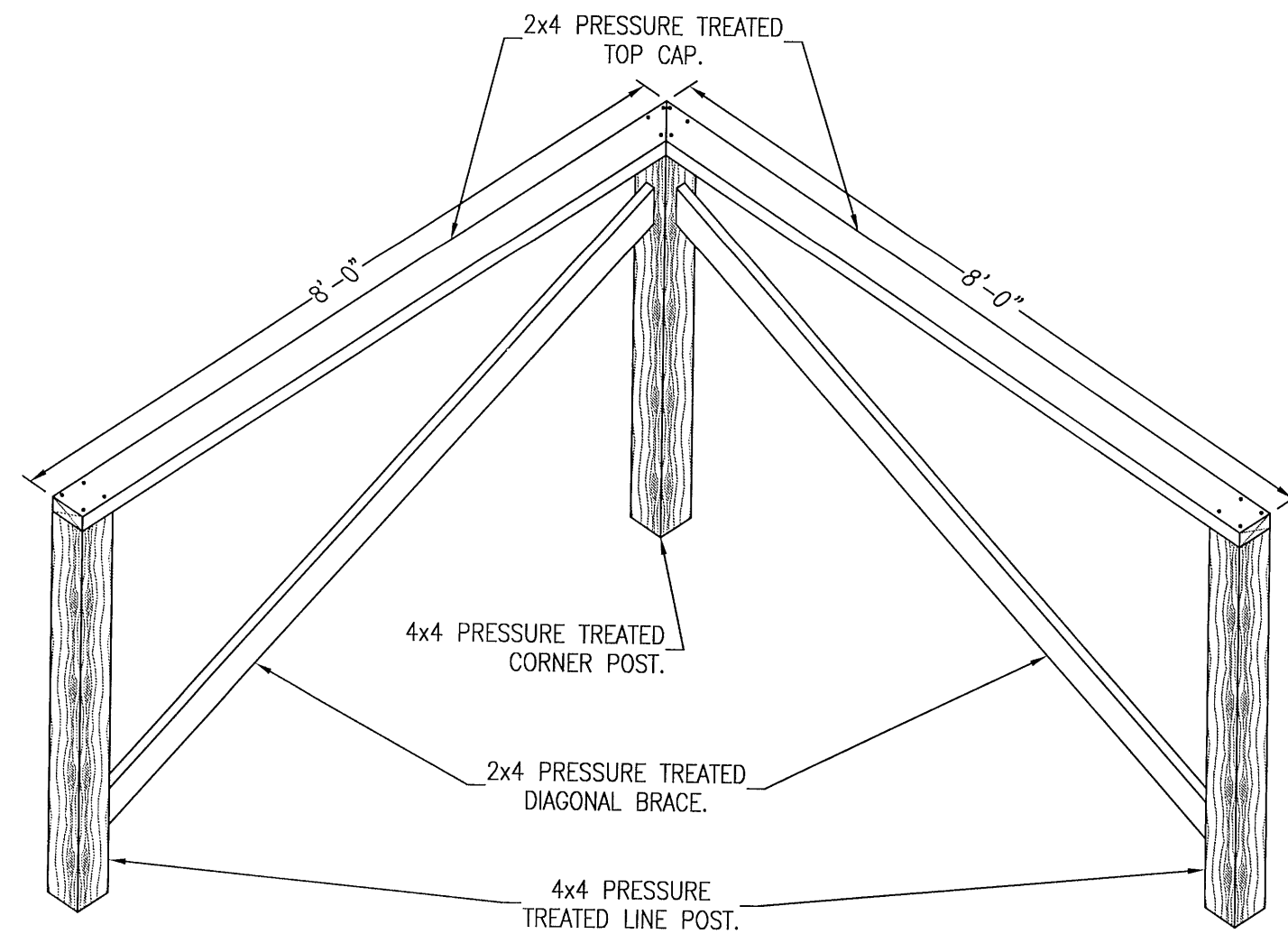
C3.2



FILTER FABRIC FENCE DETAIL
N.T.S.



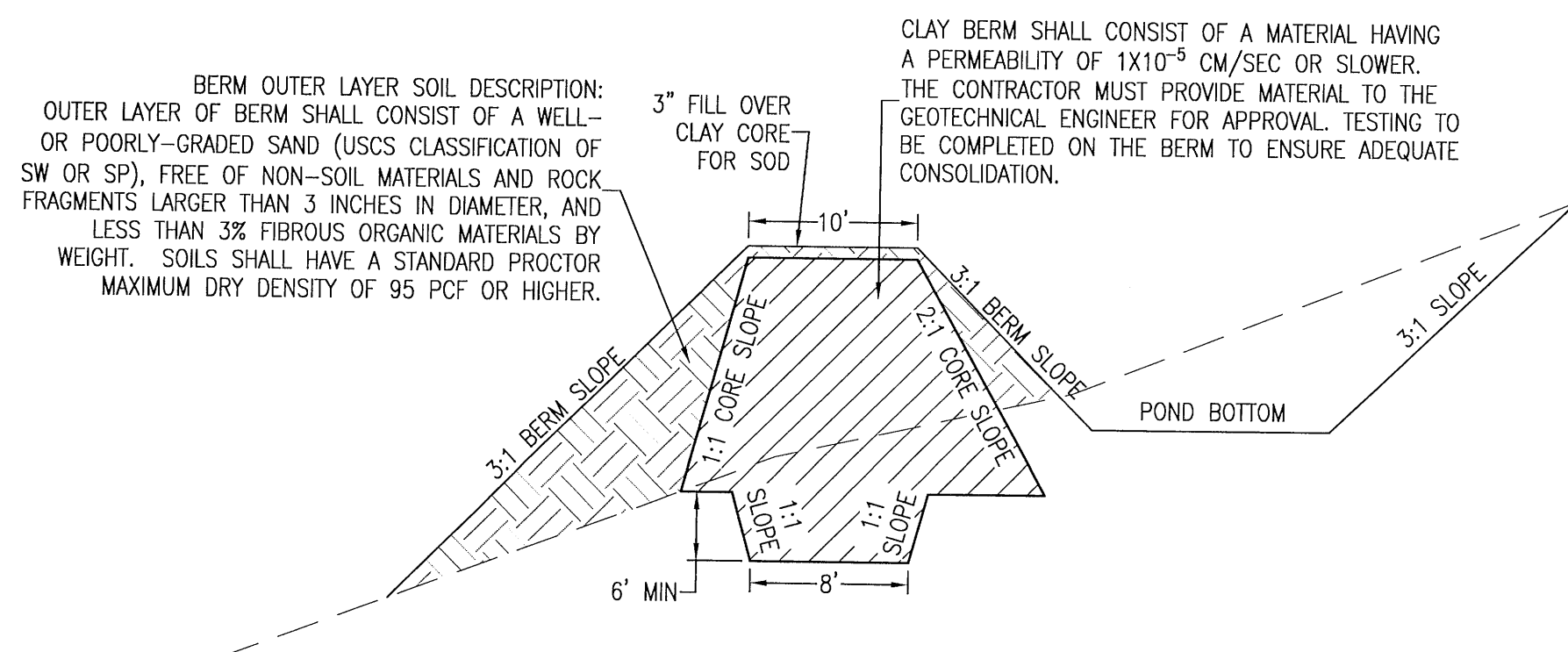
12' SWING GATE DETAIL AT POND SAND FILTER
N.T.S.



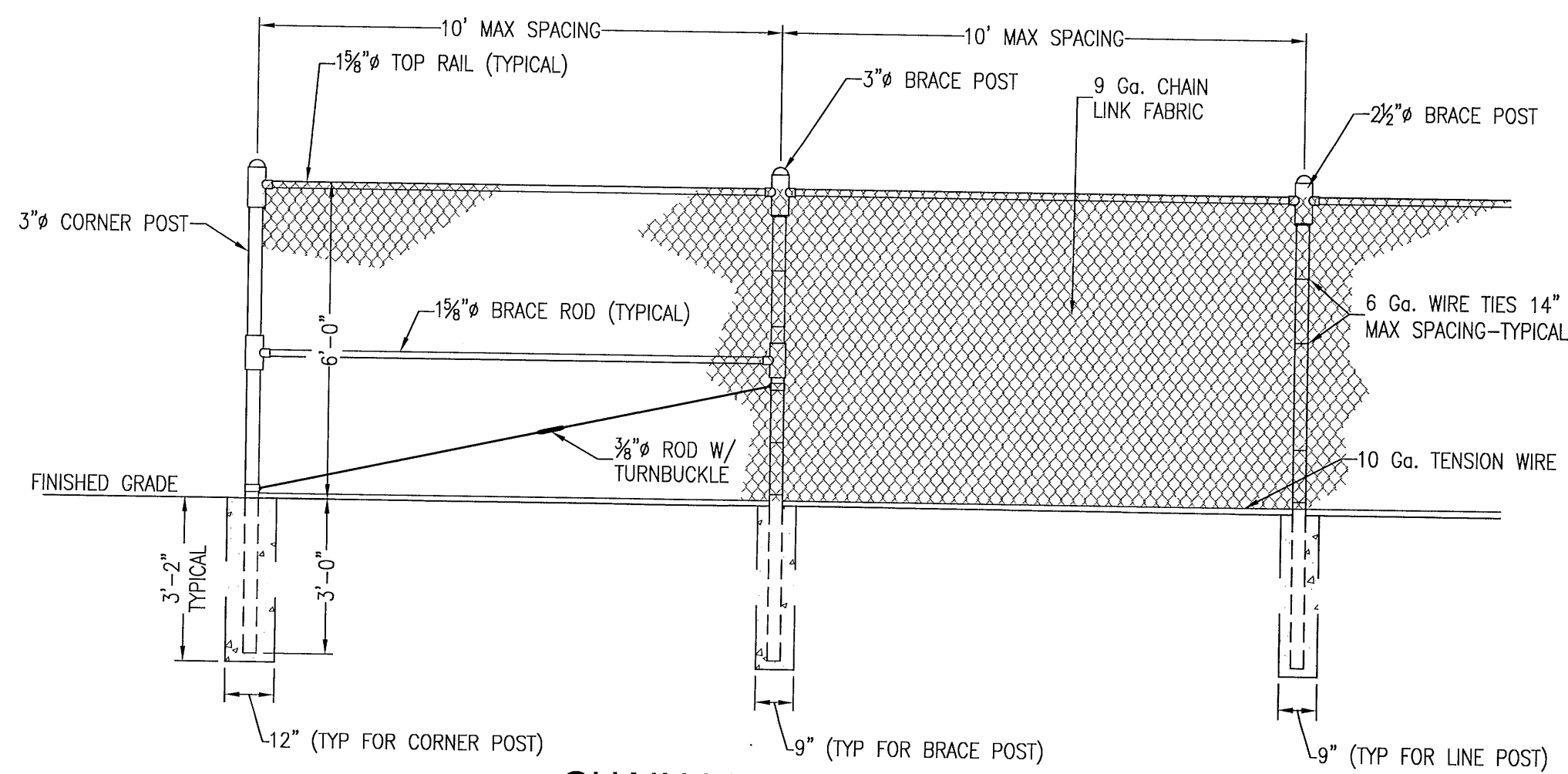
FILTER FABRIC FENCE CORNER DETAIL
SCALE: N.T.S.

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.

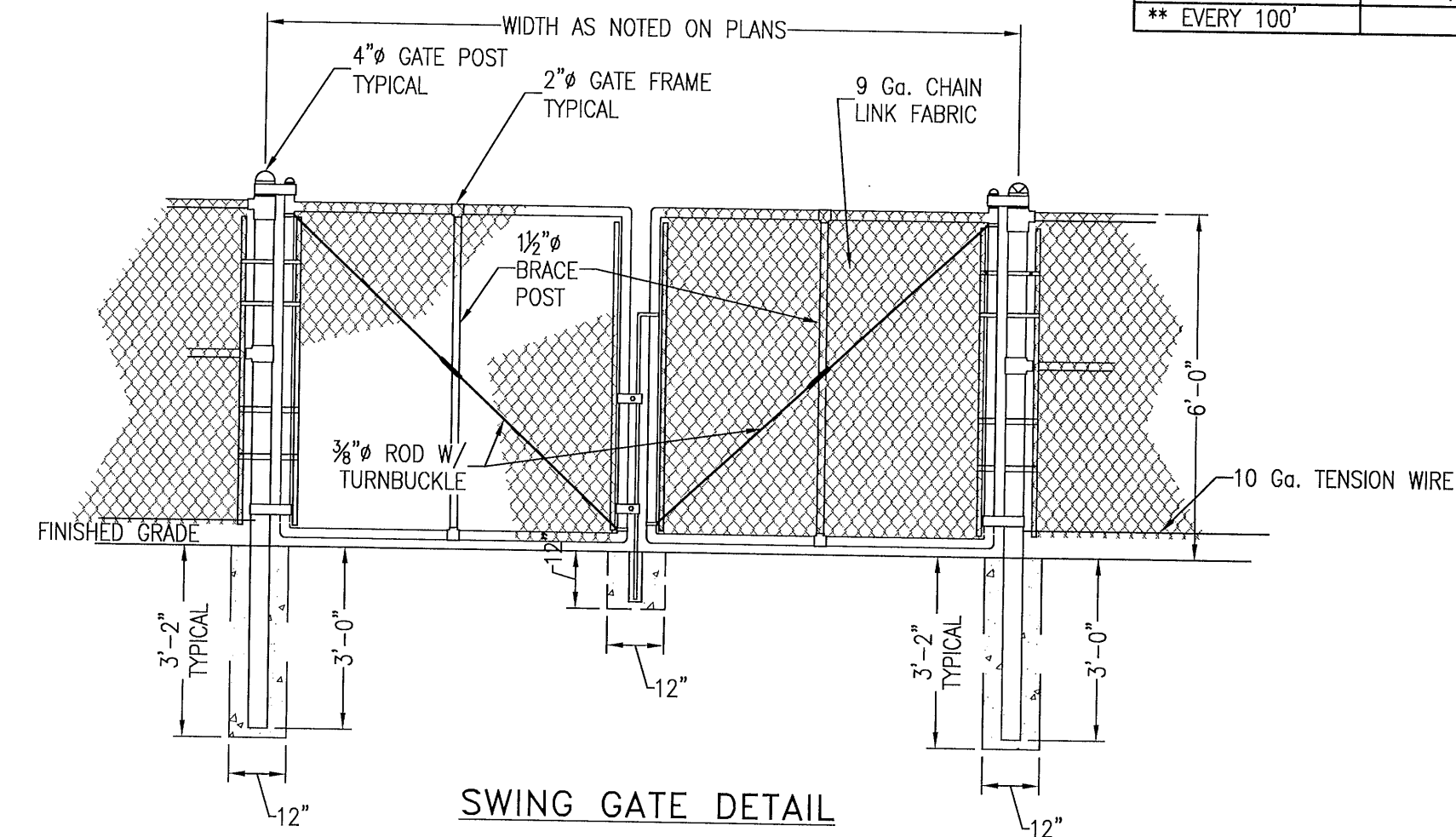


BERM CORE DETAIL
SCALE: N.T.S.



CHAIN LINK FENCE DETAILS
N.T.S.

FENCE POST SCHEDULE	
TYPE	SIZE
LINE POST	2 1/2"
BRACE POST**	3"
CORNER POST	3"
GATE POST	4"
** EVERY 100'	

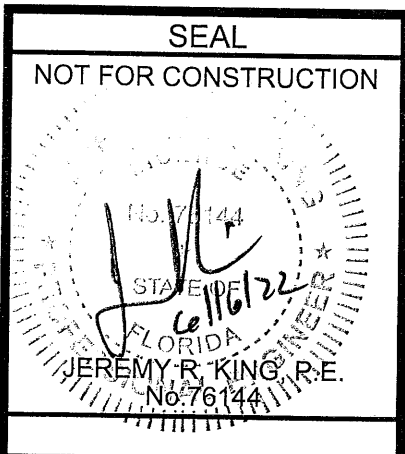


CHAIN LINK FENCE DETAILS
N.T.S.

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 ROUGH GRADING OF STORMWATER PONDS.
6. CONSTRUCT ALL UNDERGROUND UTILITIES AND STORM DRAIN SYSTEMS.
7. CONSTRUCT ROADS (SUBGRADE, CURB & GUTTER, BASE, PAVEMENT, SIDEWALKS AND LANDSCAPING).
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. COMPLETE STORMWATER PONDS I.E. INSTALL UNDERDRAIN SYSTEM.
10. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

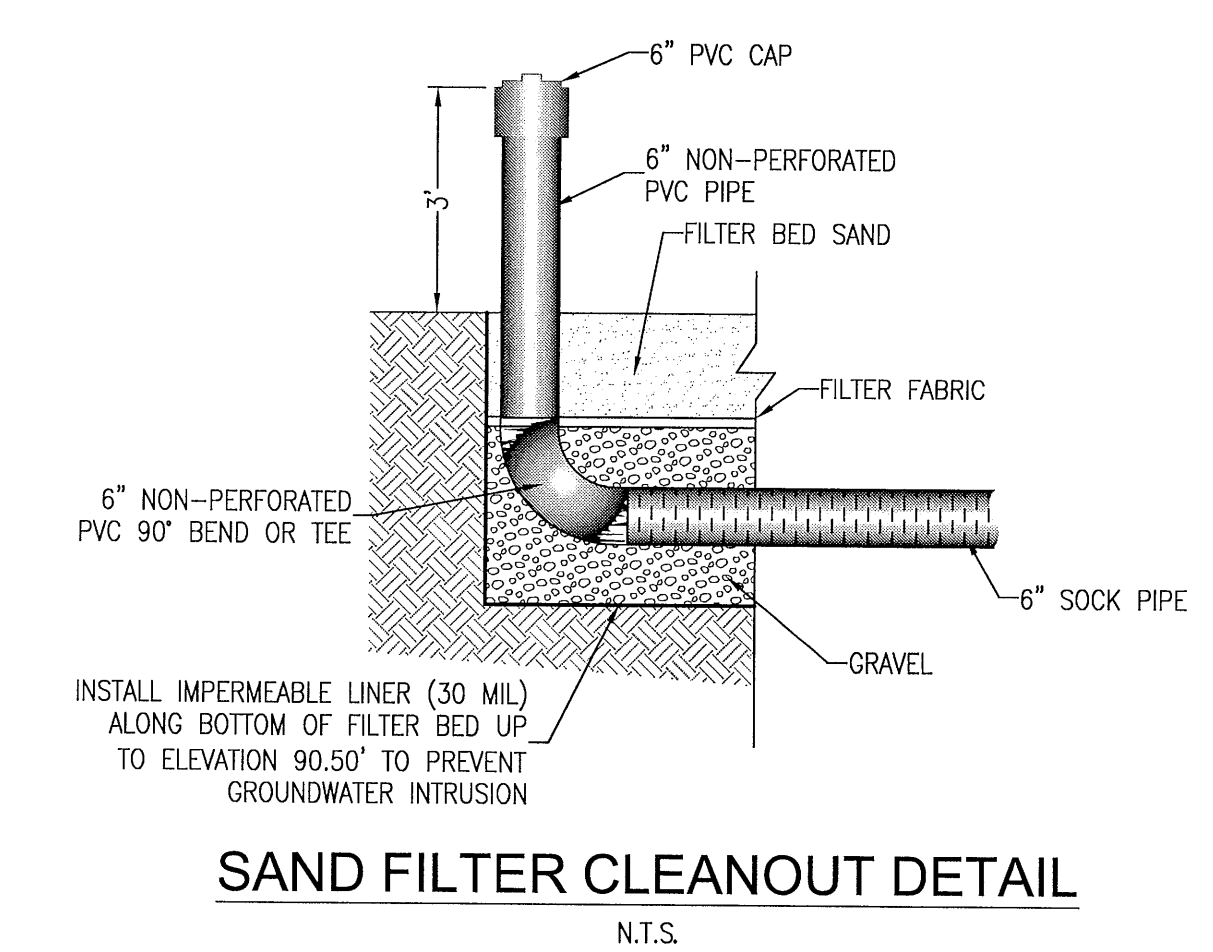
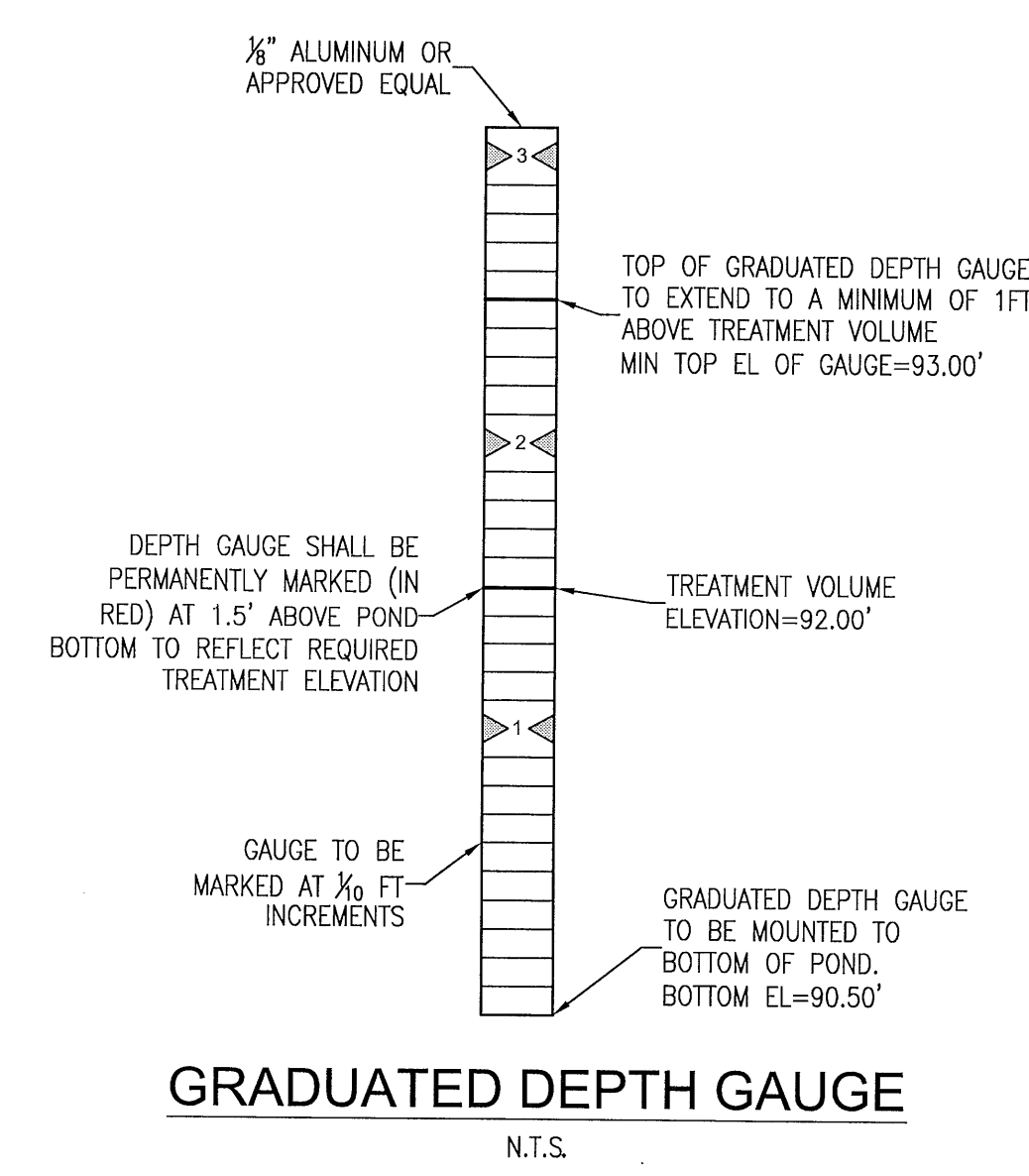
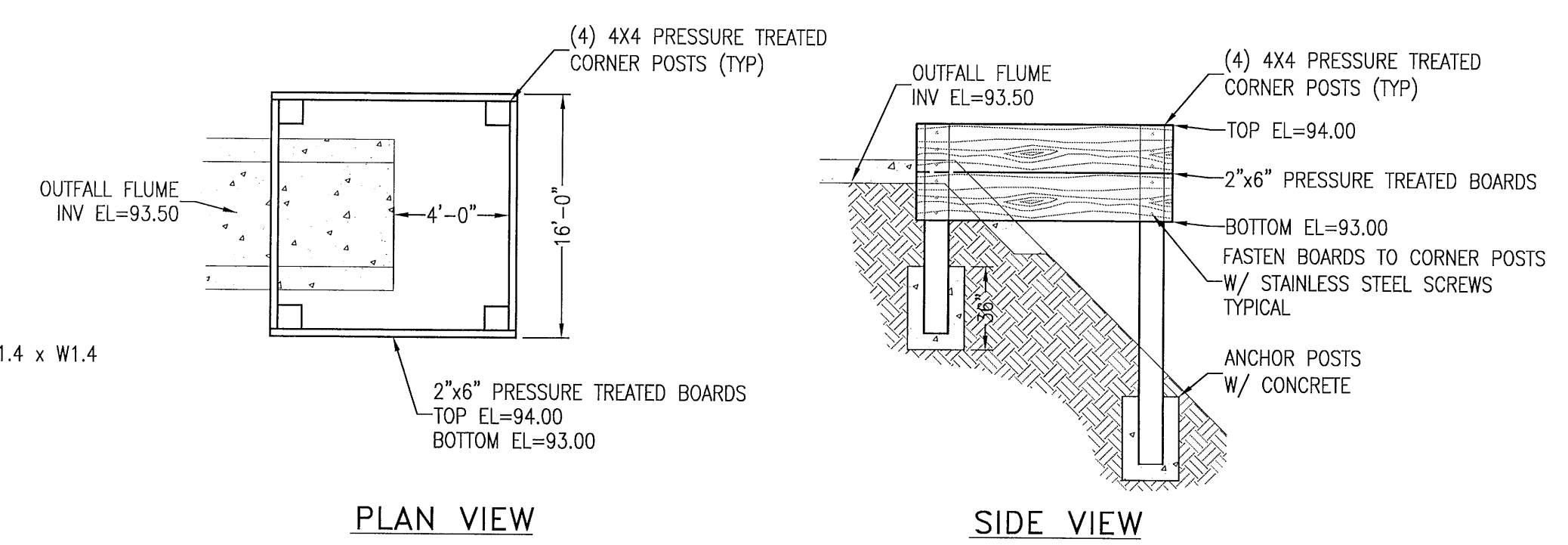
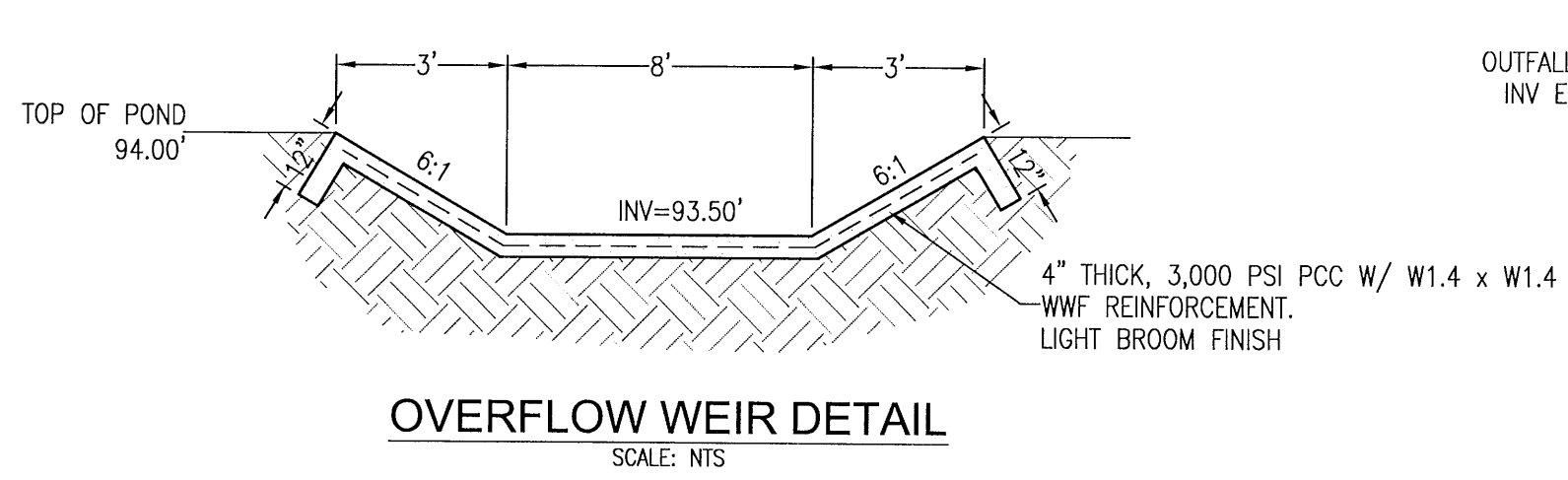
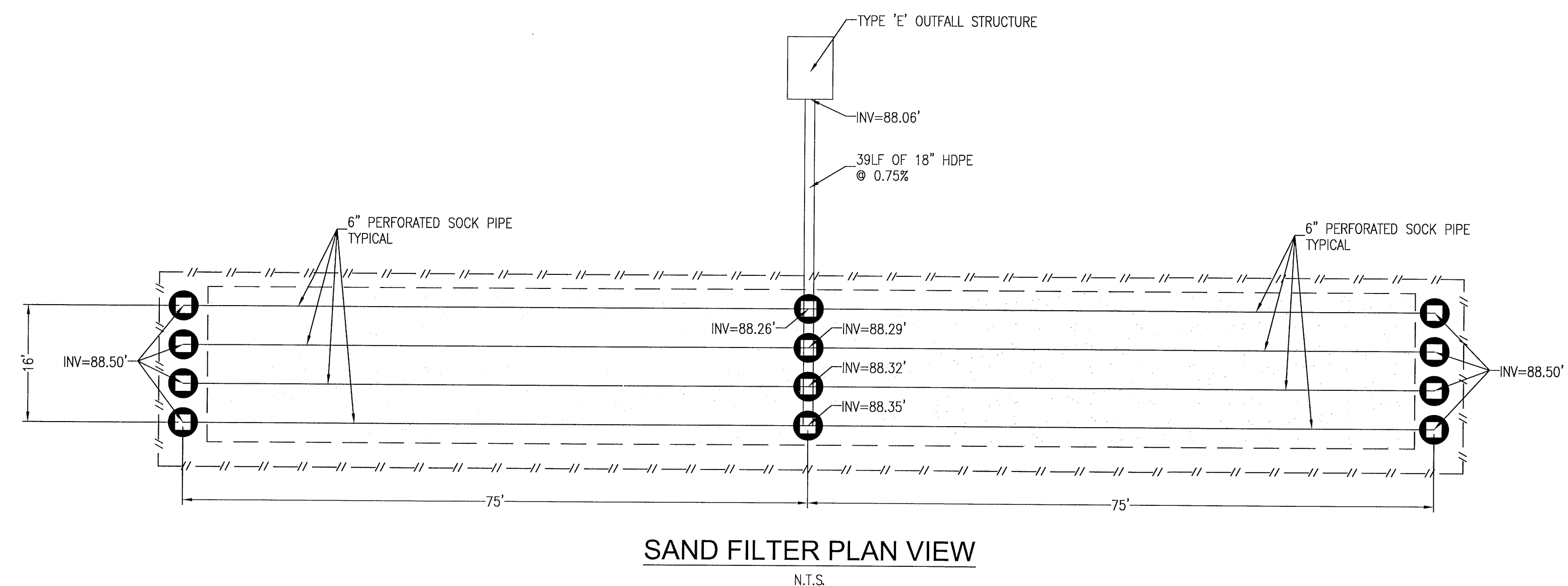
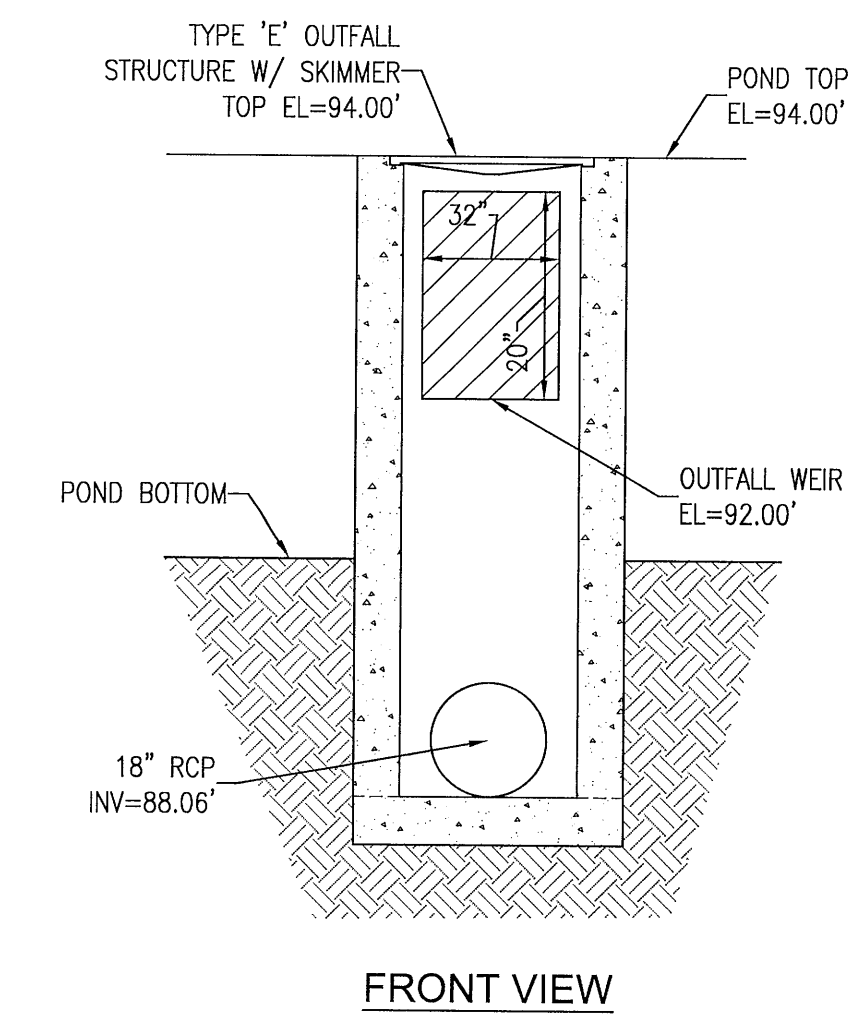
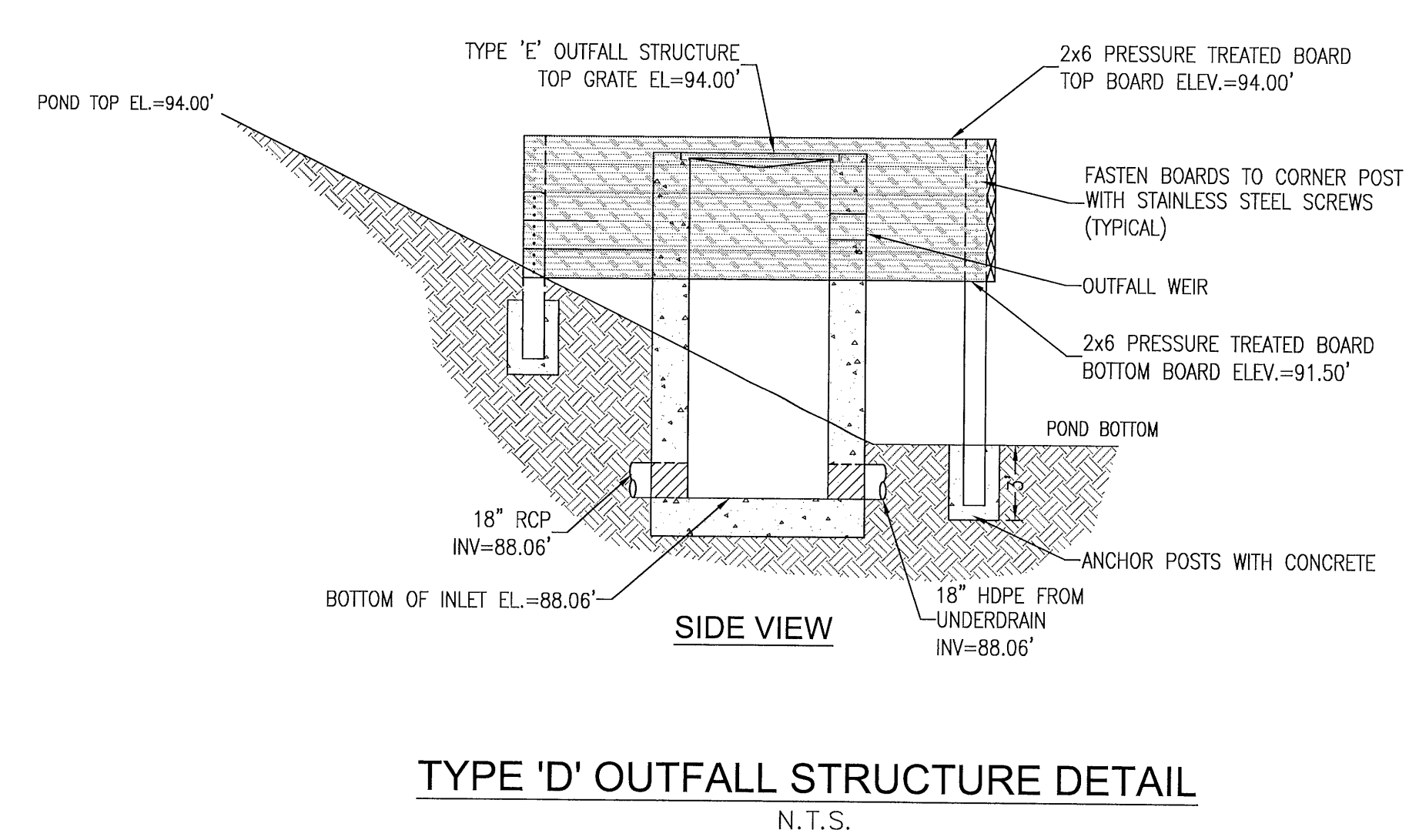
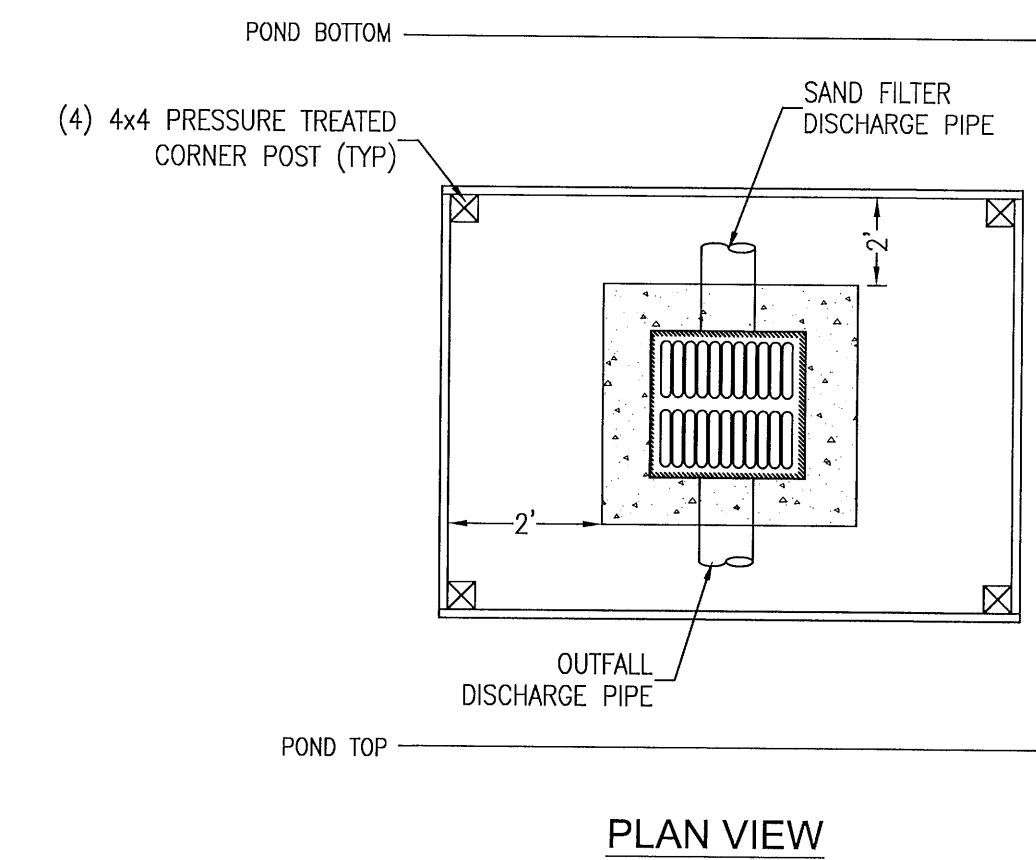
REVISION	DATE	No.



Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

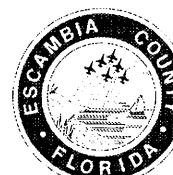
C3.3

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- ### 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)
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 8. UPON THE COMPLETION OF THE CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, RESPRAD STOCKPILED TOPSOIL AND STABILIZE WITH PERMANENT VEGETATIVE COVER AND LANDSCAPING.
 9. COMPLETE STORMWATER PONDS I.E. INSTALL UNDERDRAIN SYSTEM.
 10. THE REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

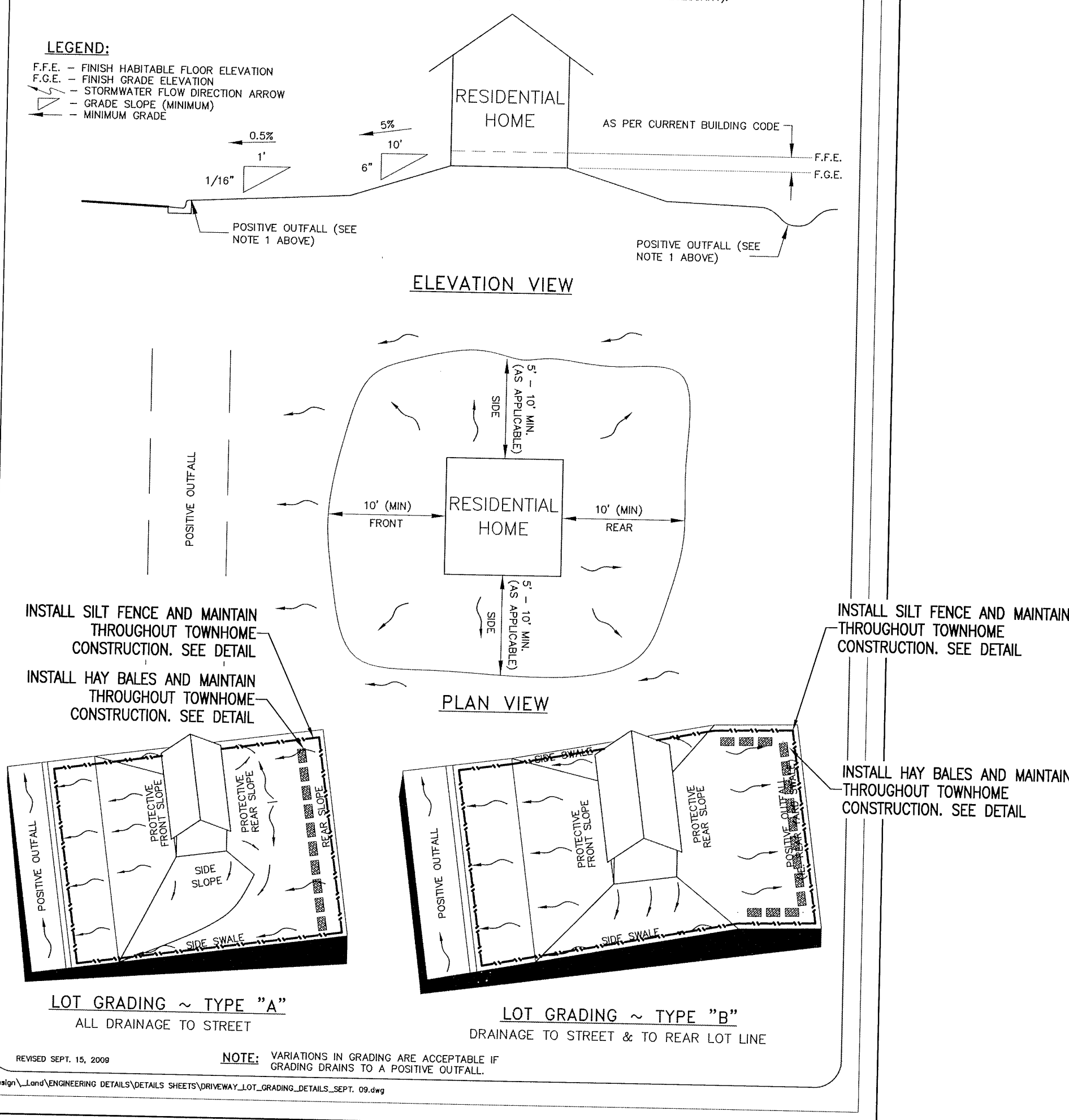
NOTES

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 ESCAMBA 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 HOMEOWNER SHALL COMPLY WITH STATE PERMITTING REQUIREMENTS FOR LARGE AND SMALL CONSTRUCTION SITES. SPECIFICALLY THE HDBES PERMITS WHICH REQUIRE 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 SLEEVES 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 BURRED 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



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

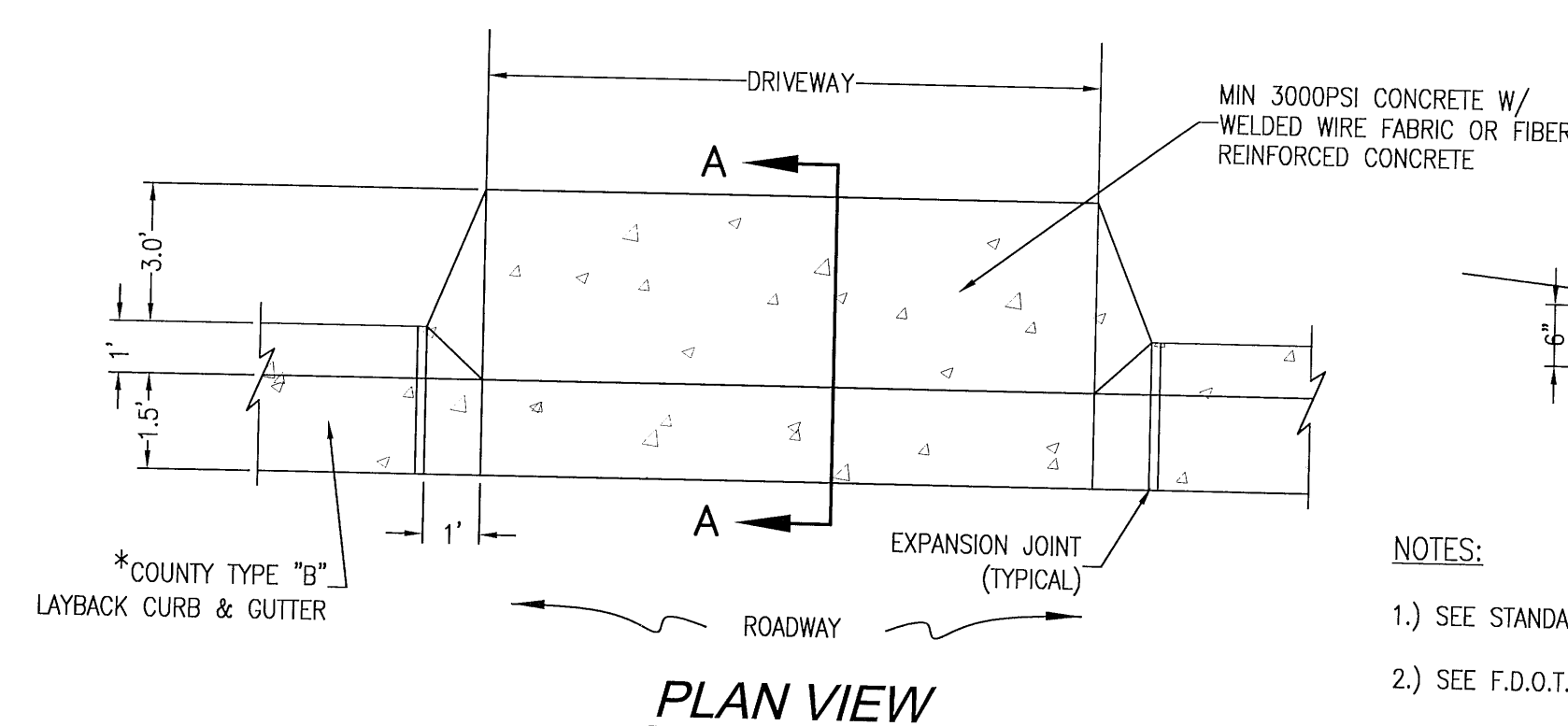
NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF GRADING DRAINS TO A POSITIVE OUTFALL.

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 - 1/2" 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 FOOT 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.

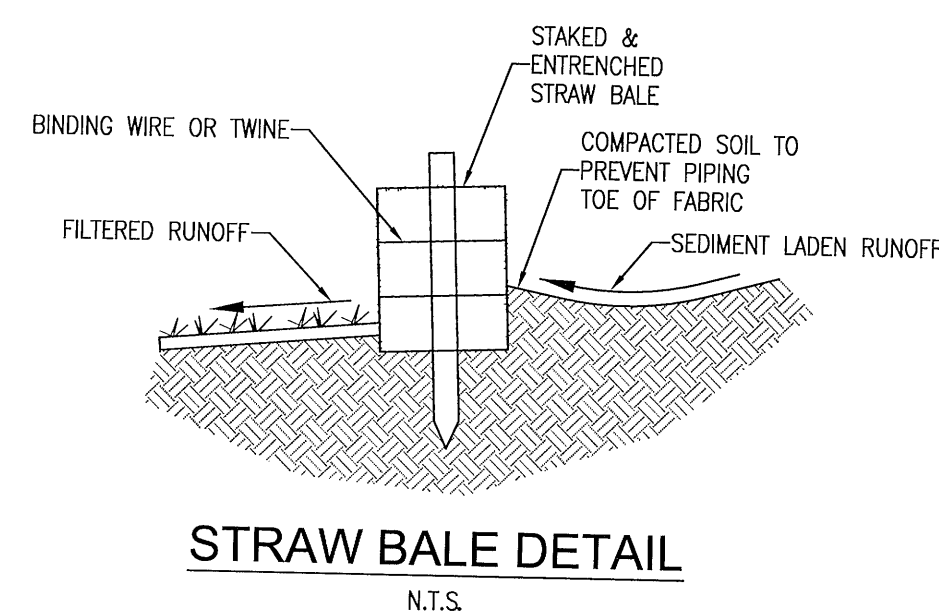
TYPE I

CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS



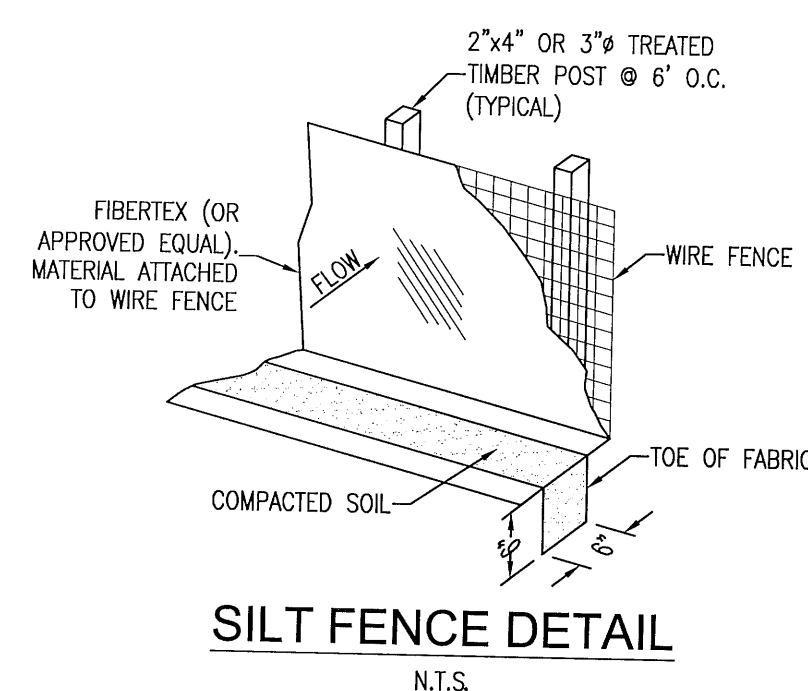
TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

NOT TO SCALE



STRAW BALE DETAIL

N.T.S.



SILT FENCE DETAIL

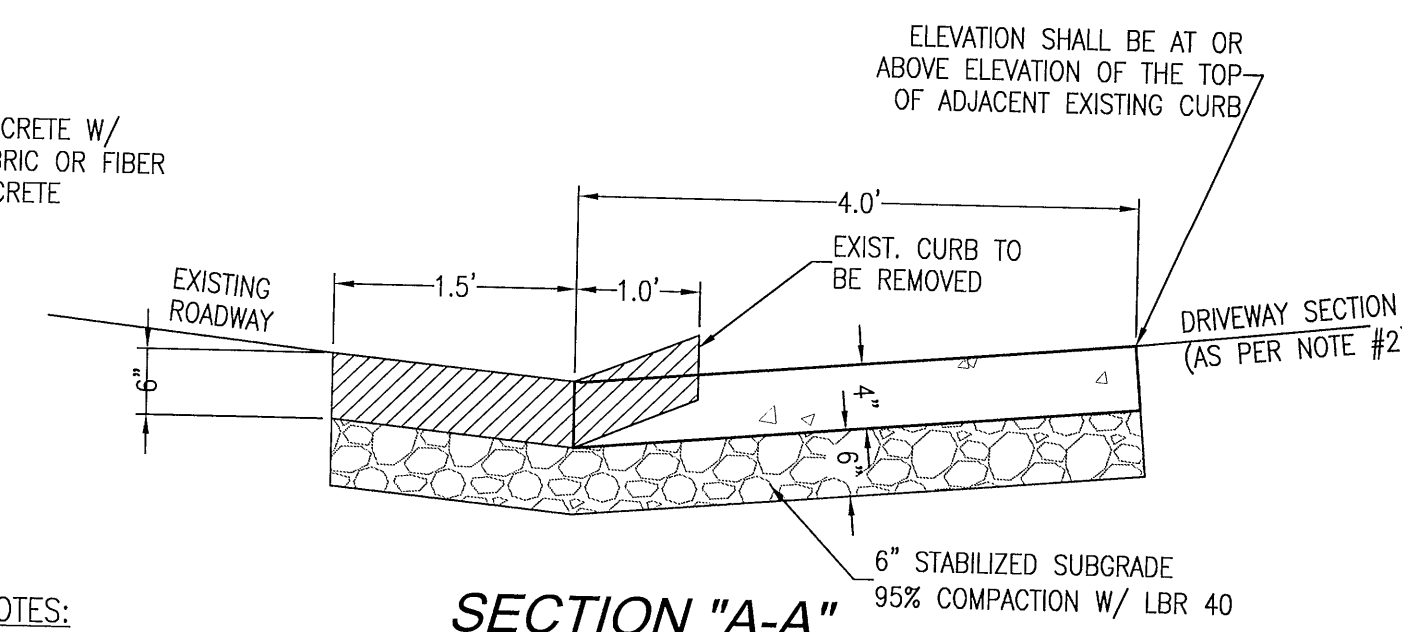
NTS

MAXIMUM LOT SURFACE COVERAGE

ALL RESIDENTIAL LOTS 3,500 SF (HOUSE & DRIVEWAY)

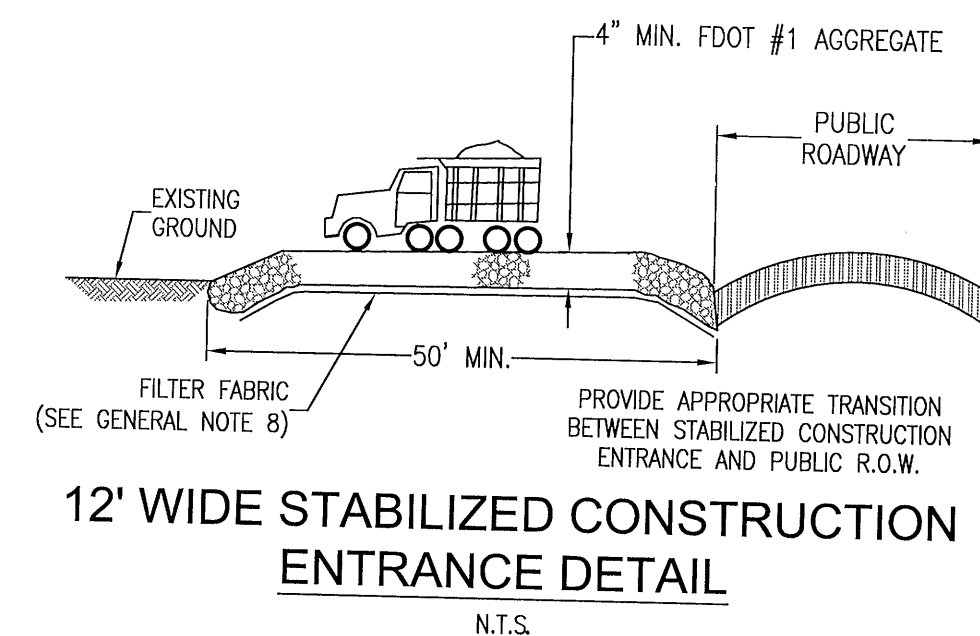
TOTAL IMPERVIOUS SURFACE

TOTAL NEW INFRASTRUCTURE	63,075 SF (ROADWAY, SIDEWALK, CURB)
TOTAL IMPERVIOUS AREA FOR POST DEVELOPMENT CONDITIONS	236,975 SF (NEW INFRASTRUCTURE + LOTS)



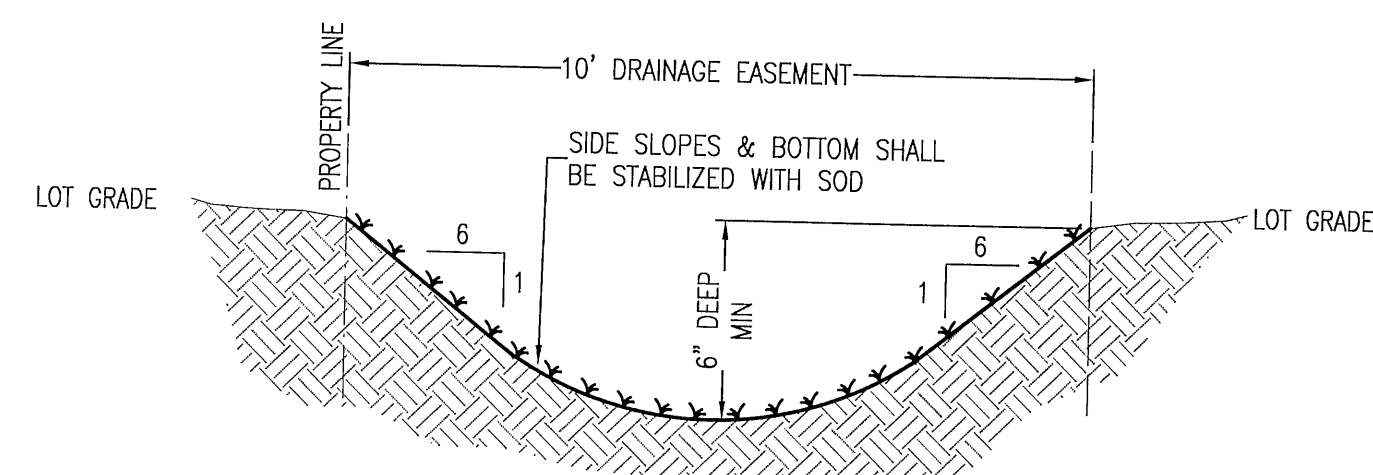
SECTION "A-A"

- 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.



12' WIDE STABILIZED CONSTRUCTION ENTRANCE DETAIL

N.T.S



- NOTES:
1. SIDE YARD SWALES SHALL BE BUILT BY THE HOMEBUILDER. CONVEYANCE SWALES TO BE BUILT BY CONTRACTOR.
 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.

NEIGHBORHOOD GRADING & DRAINAGE PLAN

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

[illegible]

SEAL
NOT FOR CONSTRUCTION


 JUN 16 1964
 ST. LOUIS, MO.
 JEREMY R. KING, P.E.
 No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

C3.6

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.

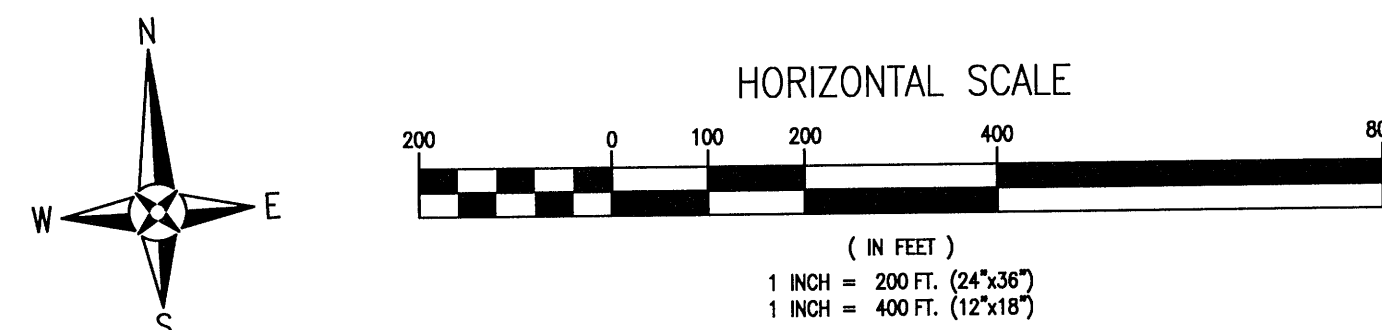
10. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND PIPES
11. ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE ACCESS EASEMENTS SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.
12. ALL CROSSINGS UNDER EXISTING COUNTY ROADS THAT ARE NOT UNDER 2 YEAR WARRANTY 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. 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

POINT CHART				
POINT #	DESCRIPTION	NORTHING	EASTING	ELEVATION
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.17	NAIL AND DISK SET	567397.5930	1076011.5910	100.76'



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

LEGEND

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

10-15-31-2100-0000-01
CRIMSON 9 MILE LLC
C/O HAD LAND DEVELOPMENT PARTNERS I LLC
191 PEACHTREE ST NE STE 805 ATLANTA, GA 30303
LOCATION: 3811 W NINE MILE RD 32526
USE: REPAIR SERVICE
ZONE: LDR

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
ZONE: X

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
ZONE: X

10-15-31-1401-0000-00
GIBBS H RAY
4444 YOUNG RD
PENSACOLA, FL 32526
USE: IMPROV. AGRICULTURAL-RESIDENTIAL
ZONE: HC/LI

BM No.15
EL: 107.85'

BM No.16
EL: 102.84'

10-15-31-4100-0001-00

10-15-31-4100-0000-80

10-15-31-4100-0000-50

10-15-31-4100-0000-40

10-15-31-4100-0000-30

10-15-31-4100-0000-20

10-15-31-4100-0000-10

REVISION

DATE

No.

SEAL

NOT FOR CONSTRUCTION

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

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

C4.0

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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
EIR 00089657

UTILITY PLAN

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION

DATE

No.

SEAL

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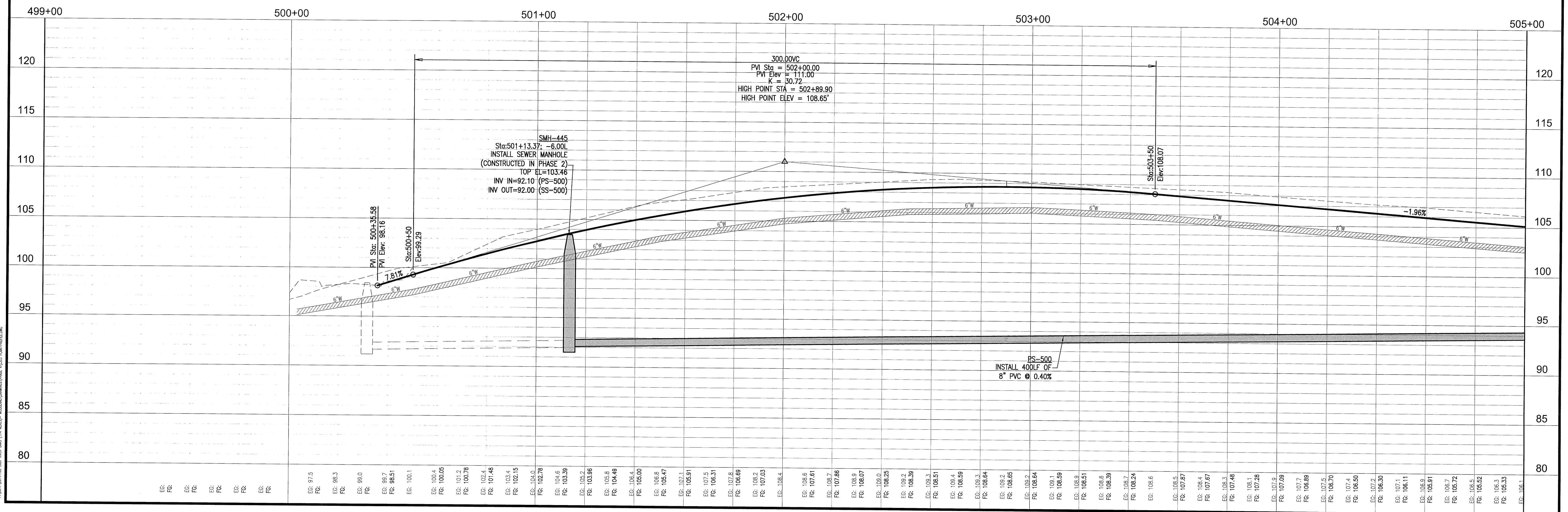
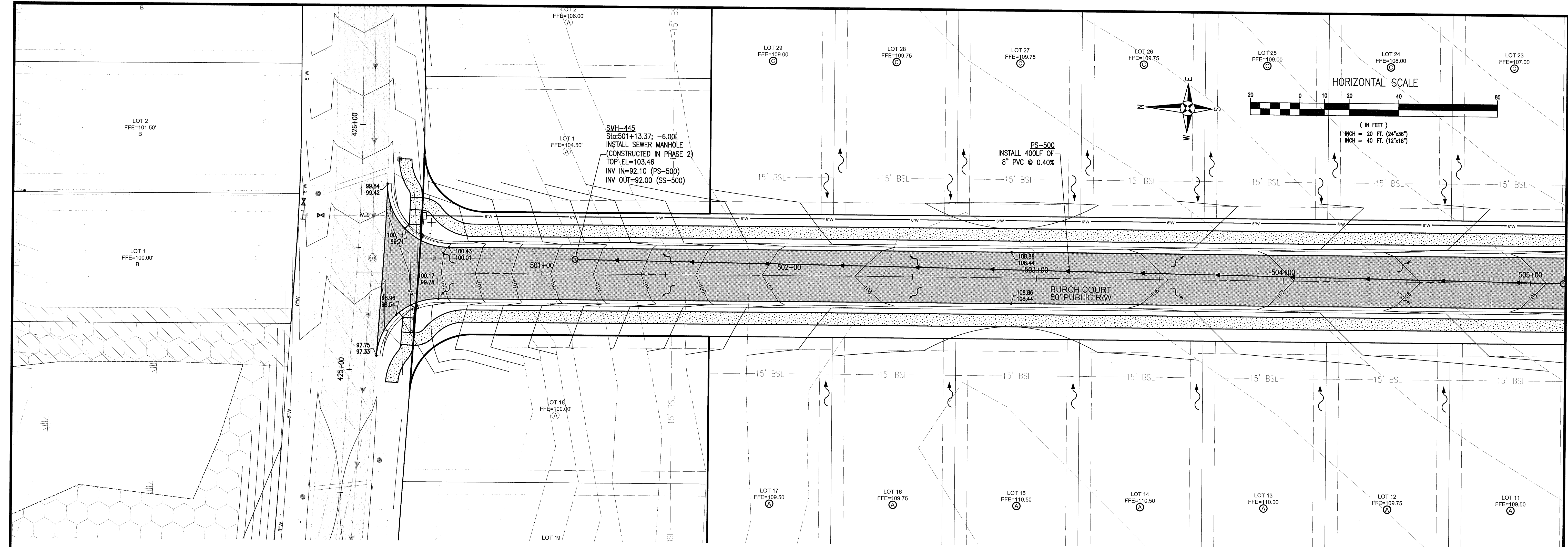
JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

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BURCH COURT
PLAN & PROFILE

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

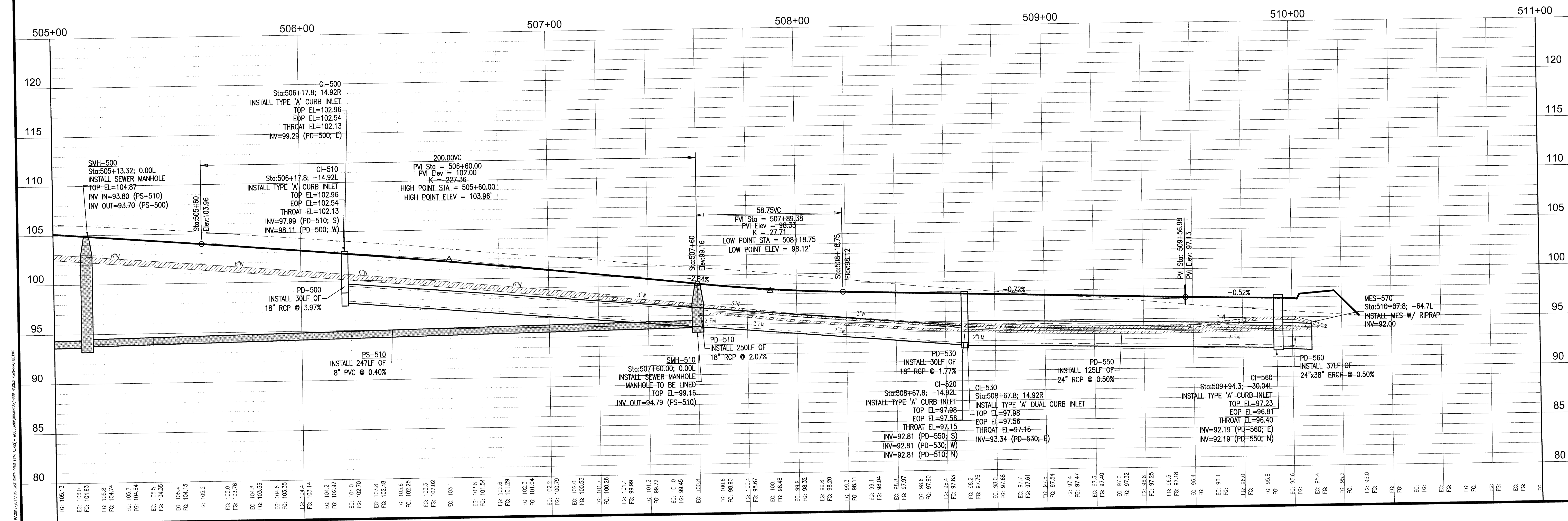
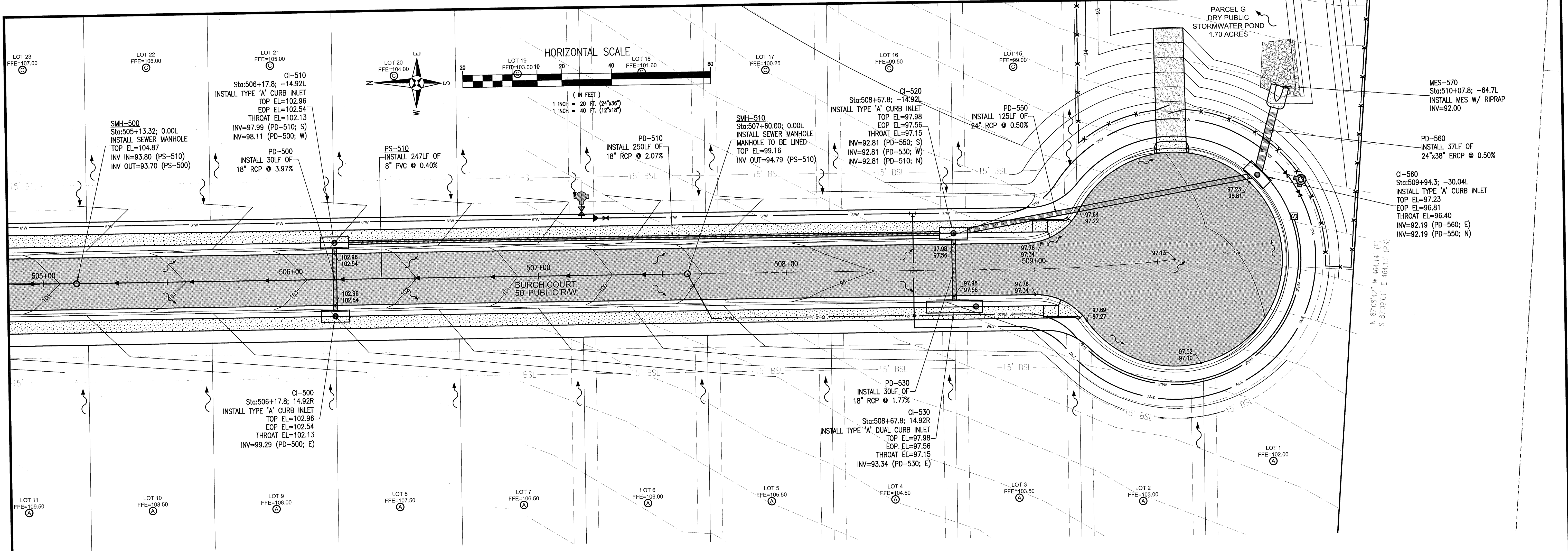
SEAL
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JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

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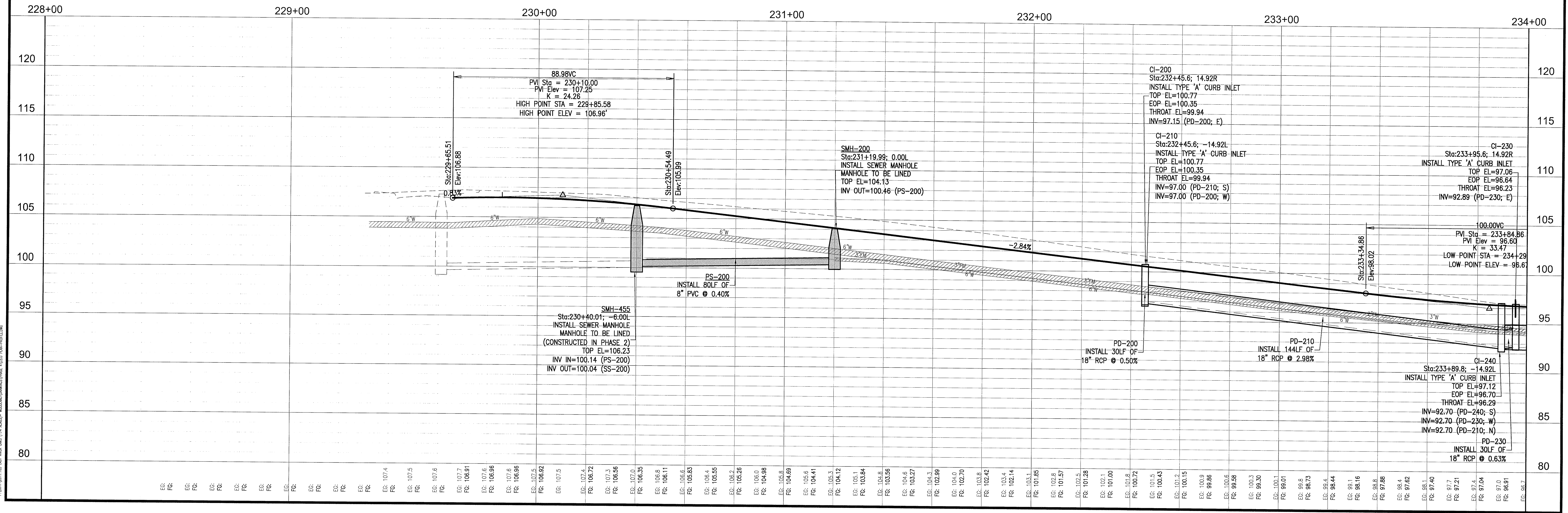
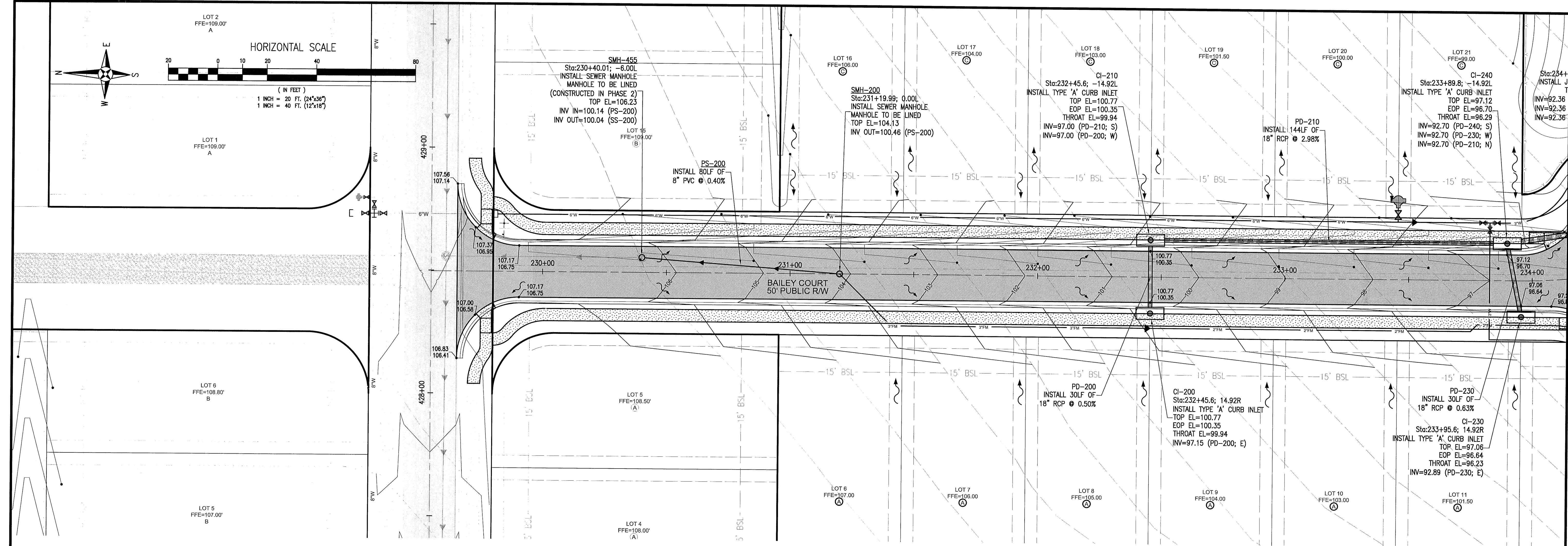
BURCH COURT
PLAN & PROFILE

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

SEAL
NOT FOR CONSTRUCTION
JEREMY R. KING, R.E.
No. 76144
Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022
DRAWING No.
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**BAILEY COURT
PLAN & PROFILE**

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

No.	DATE	REVISION

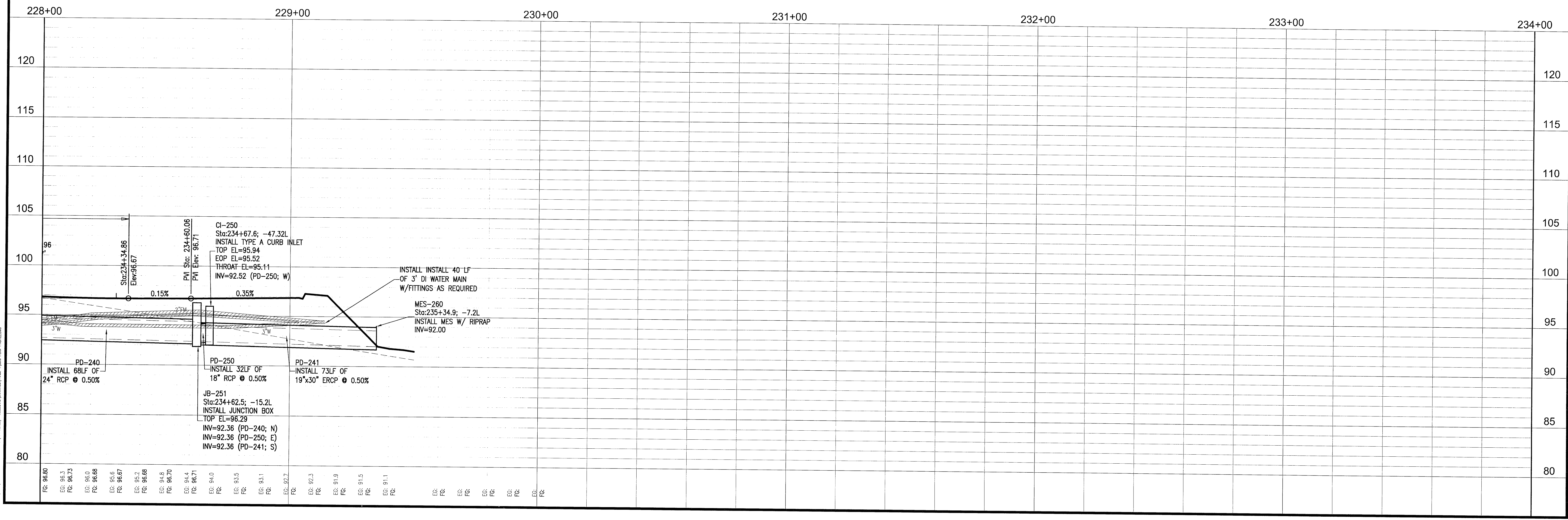
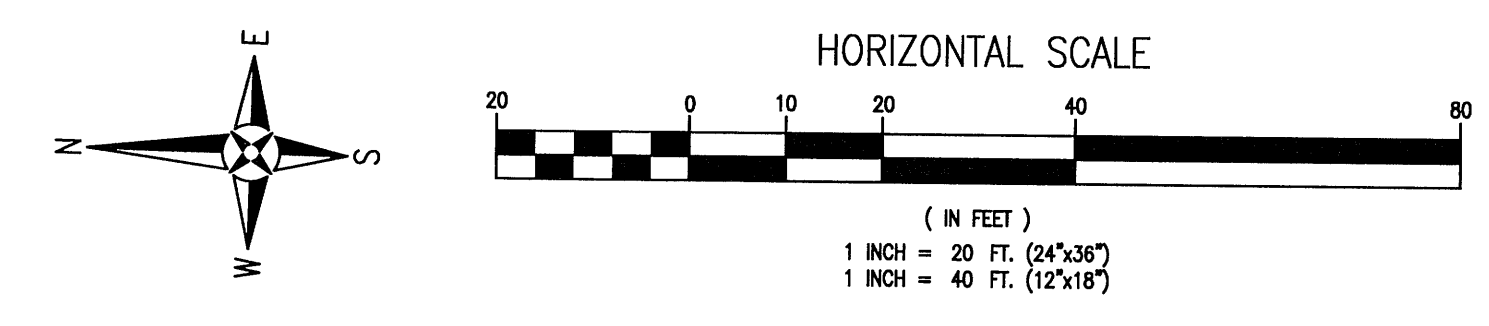
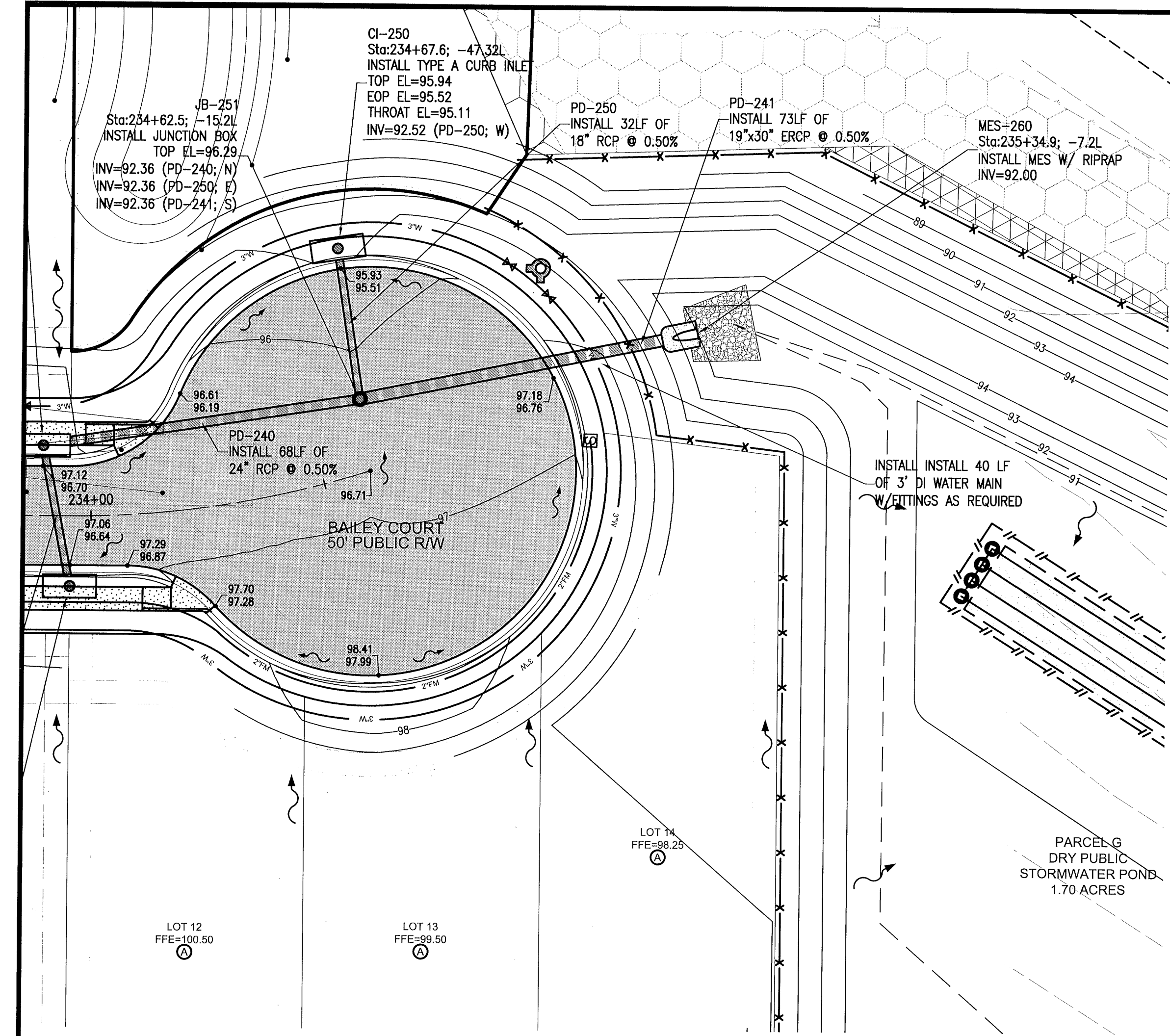
SEAL
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Jeremy R. King
JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Chk By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.
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BAILEY COURT
PLAN & PROFILE

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

No.	DATE	REVISION

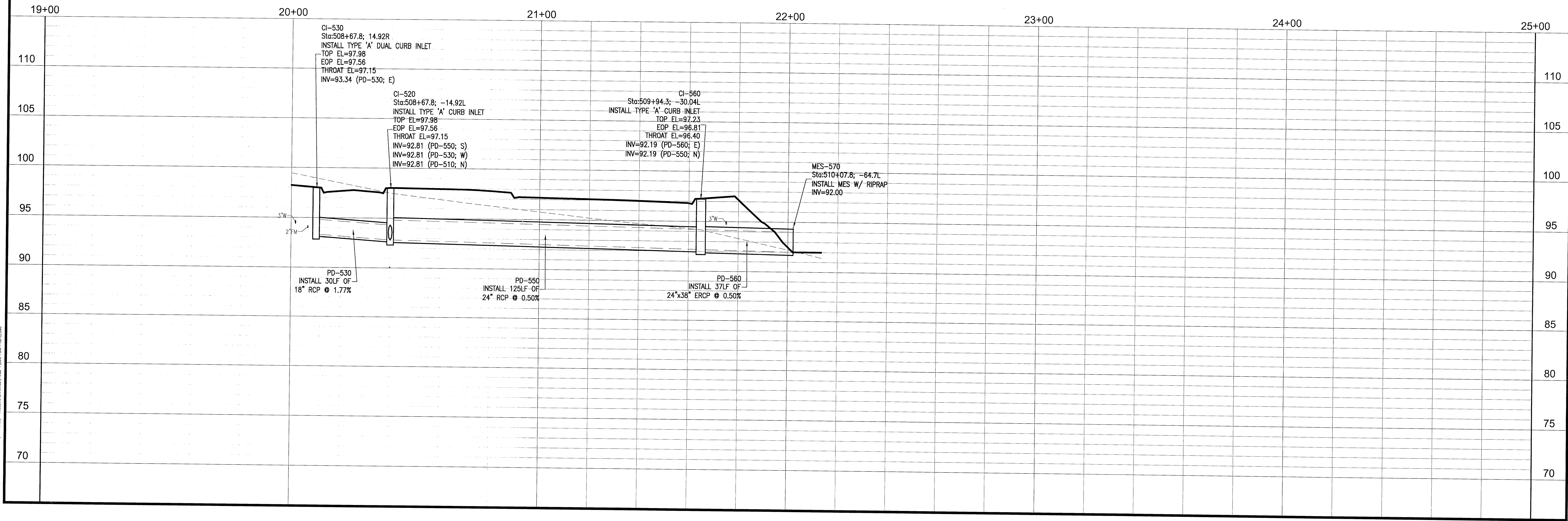
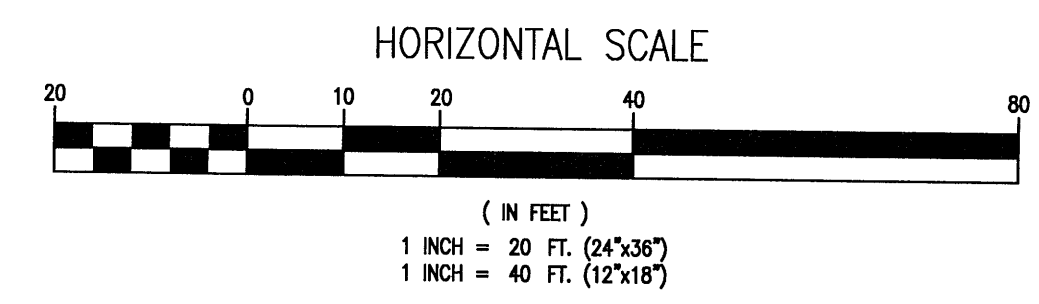
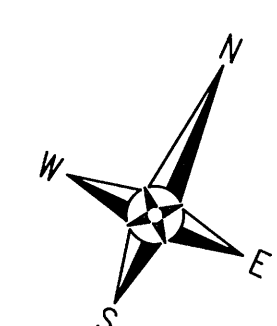
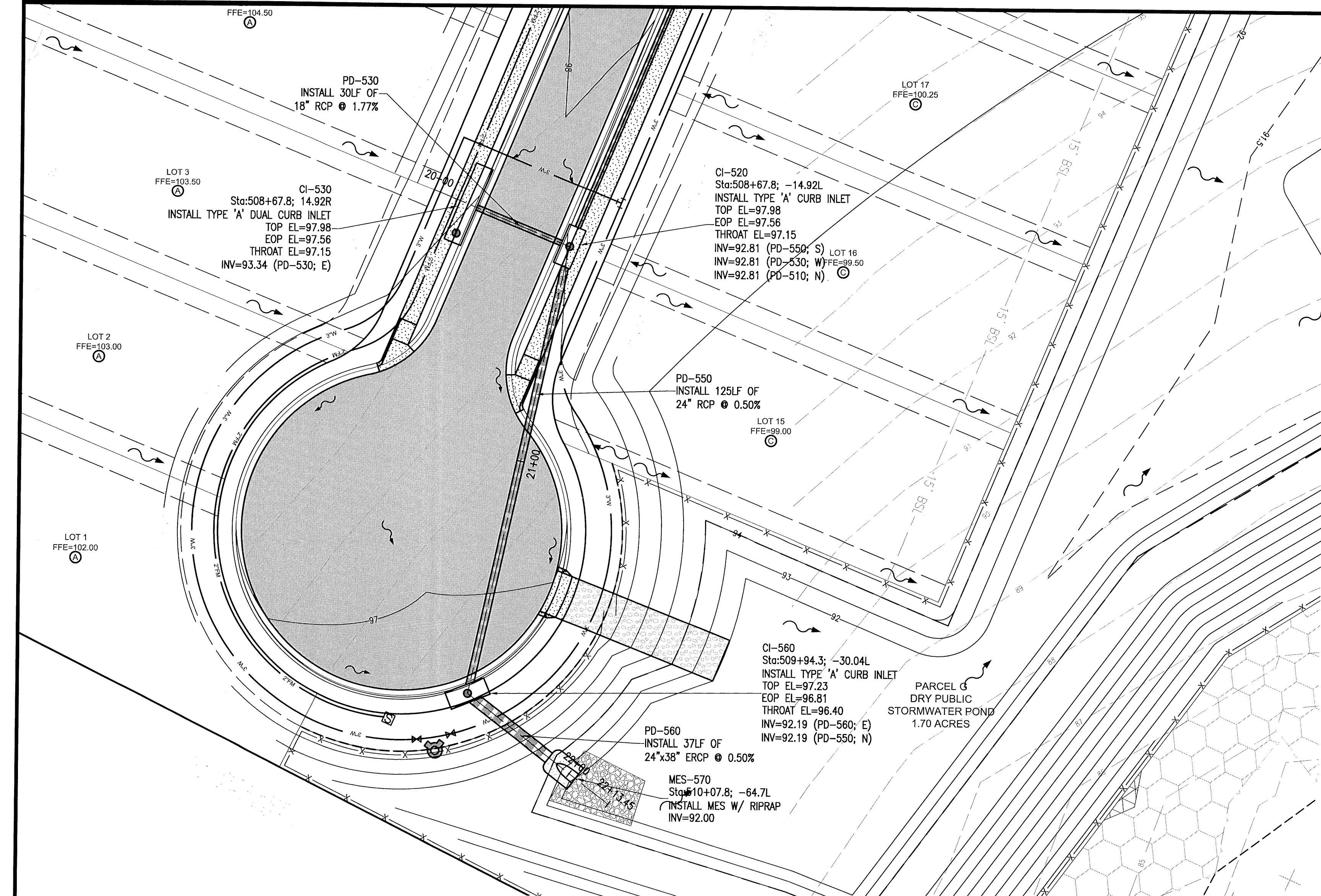
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JEREMY R. KING, P.E.
No. 76144

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

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EB 00009857

PLAN & PROFILES

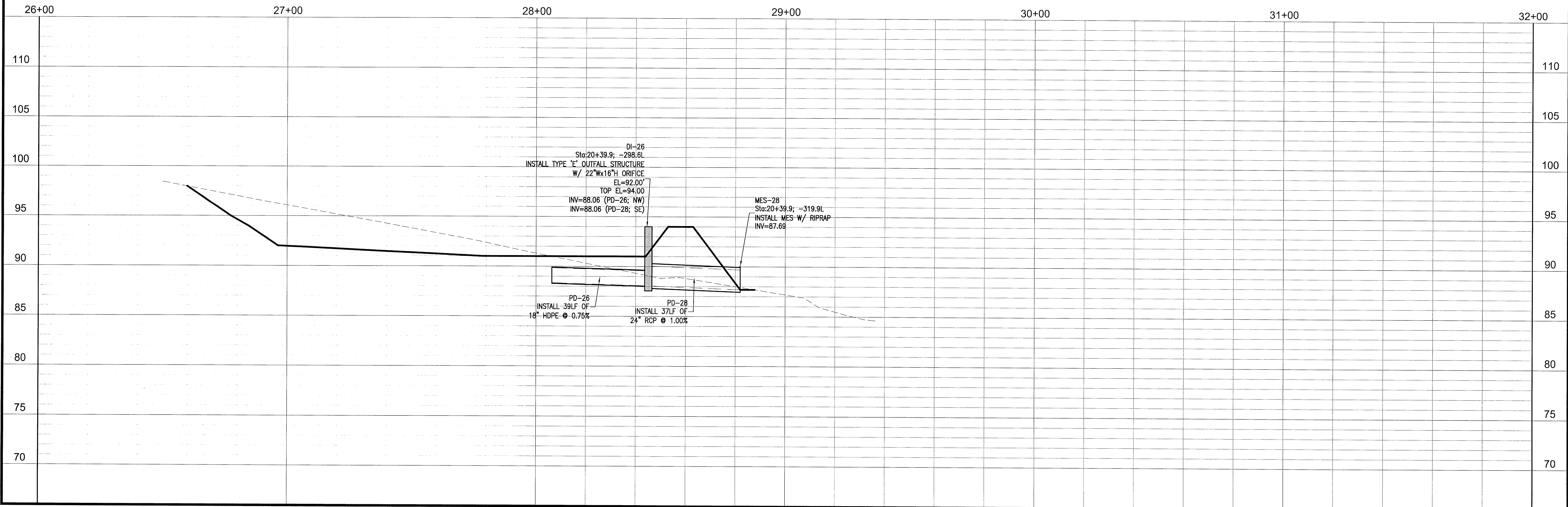
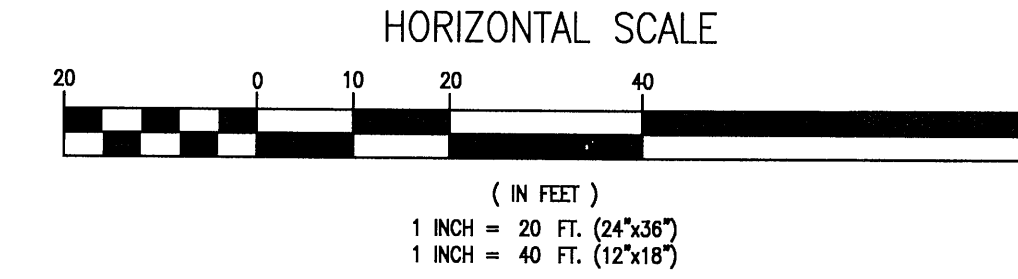
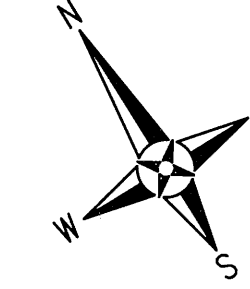
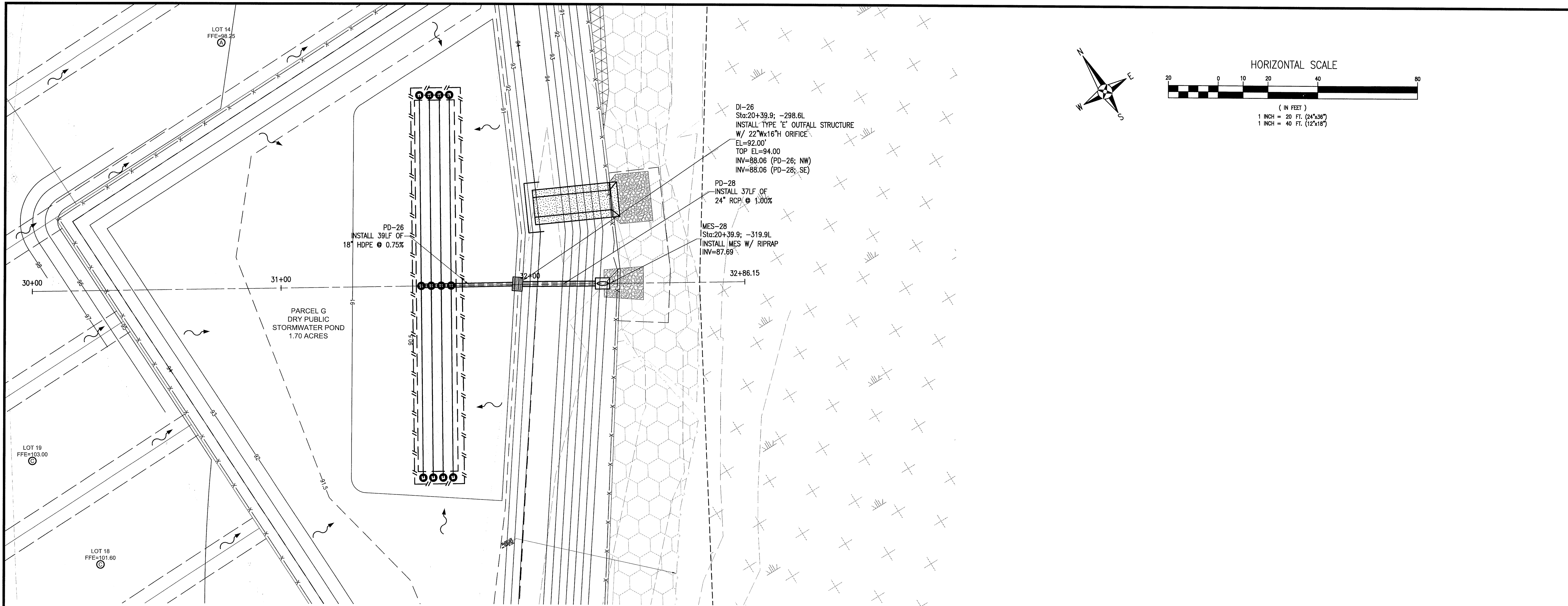
Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA


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: 6/16/2022
DRAWING No.
C6.0

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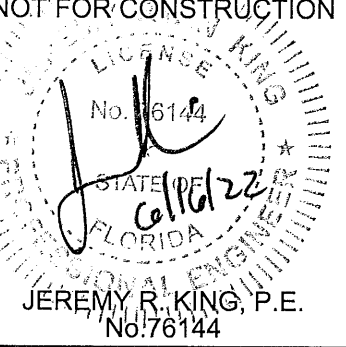
REBOL-BATTLE & ASSOCIATES
Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 00009657

PLAN & PROFILES

Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA

REVISION	
No.	DATE

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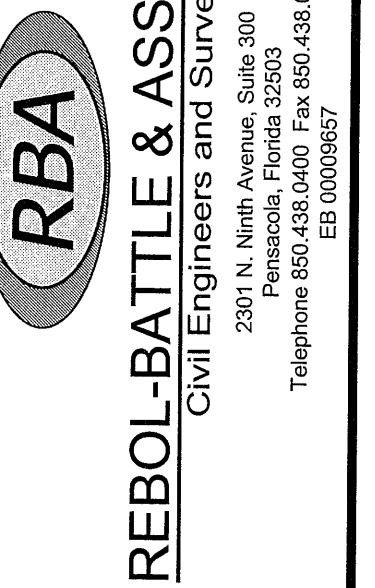
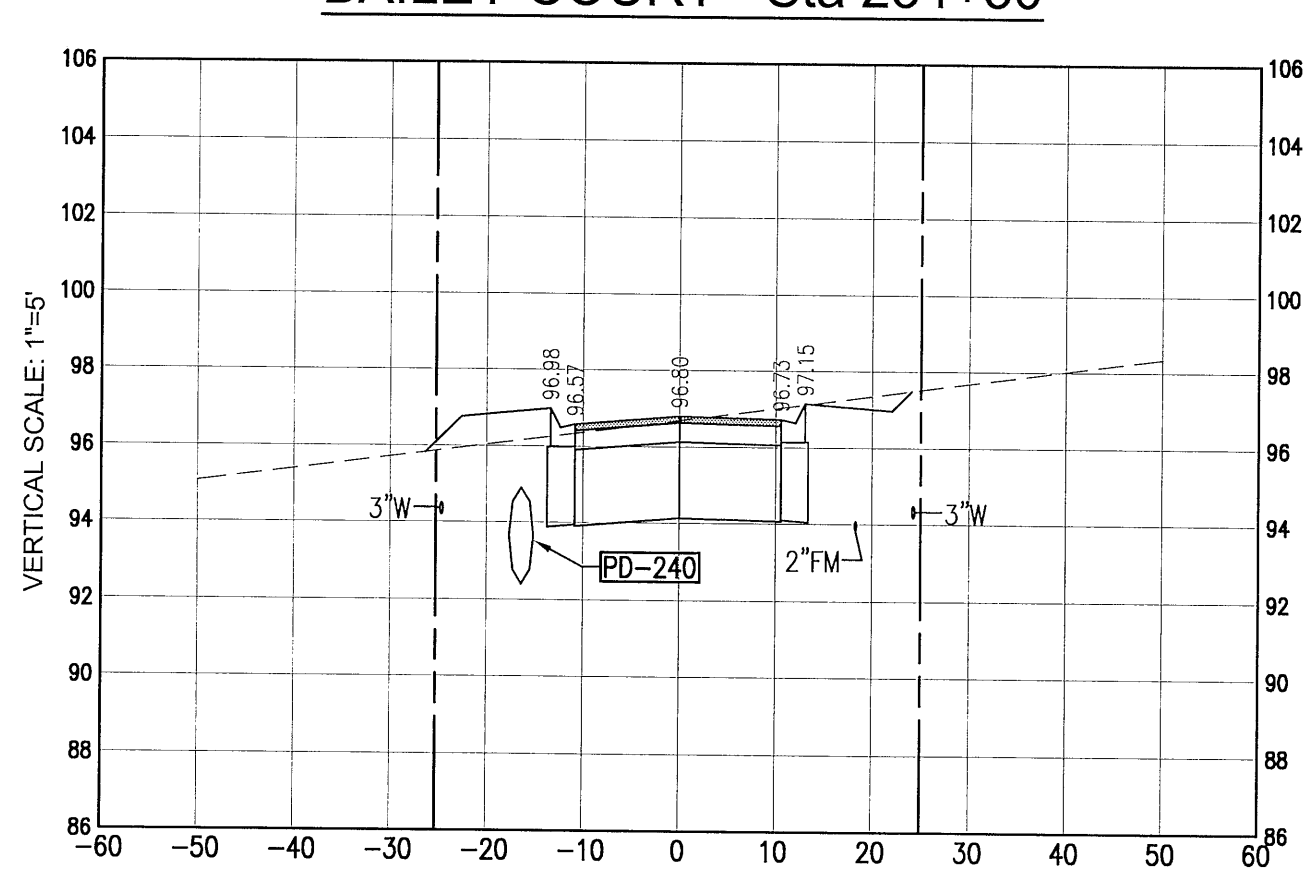
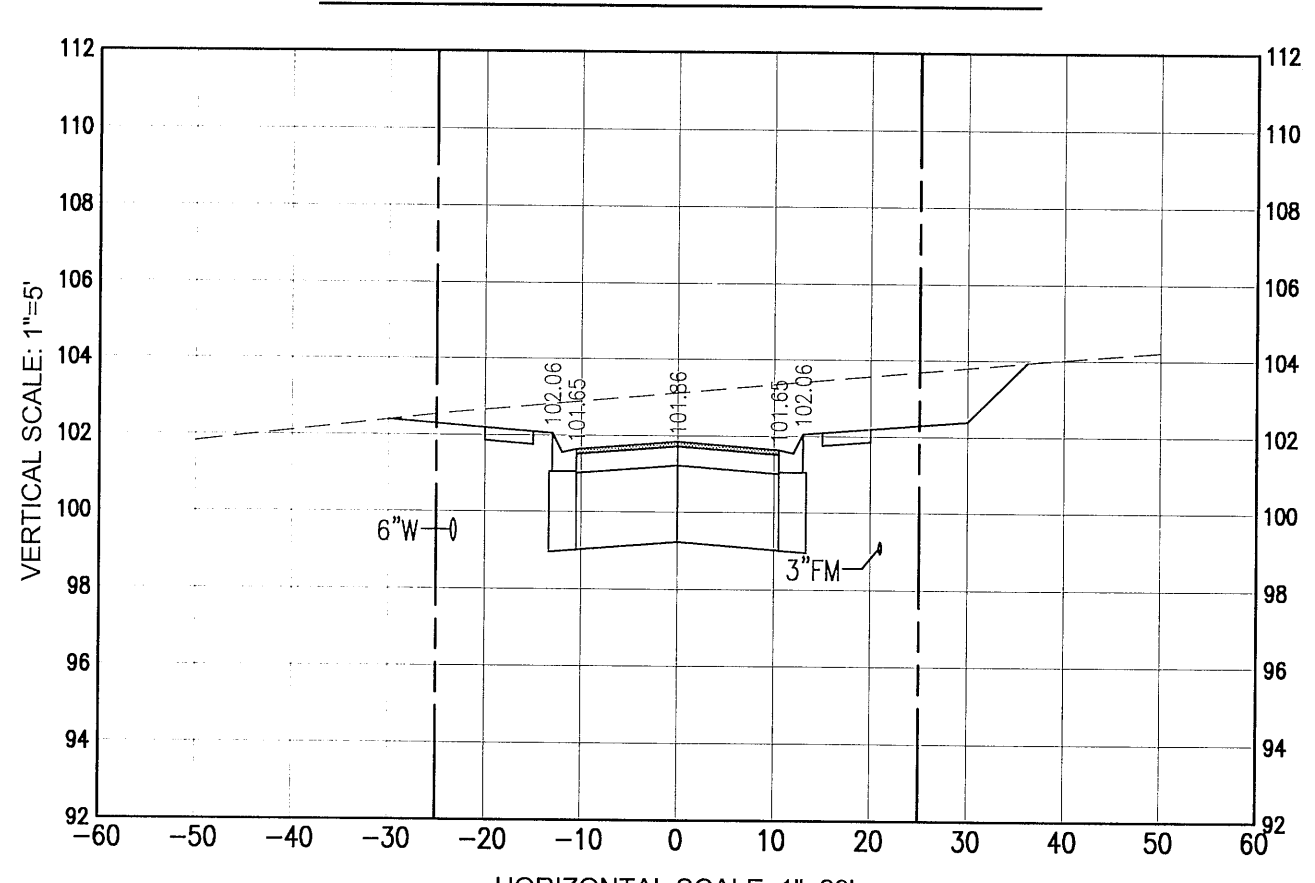
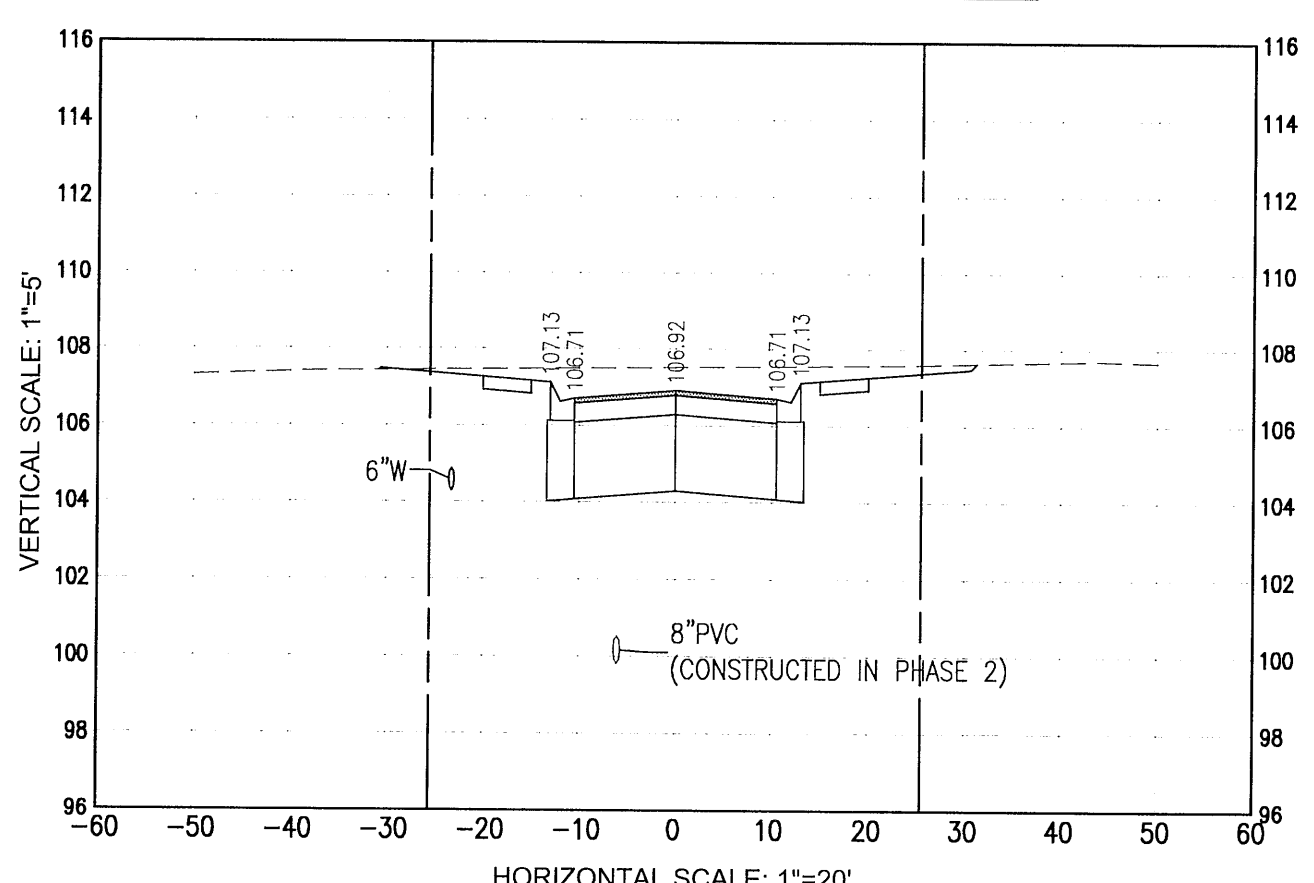
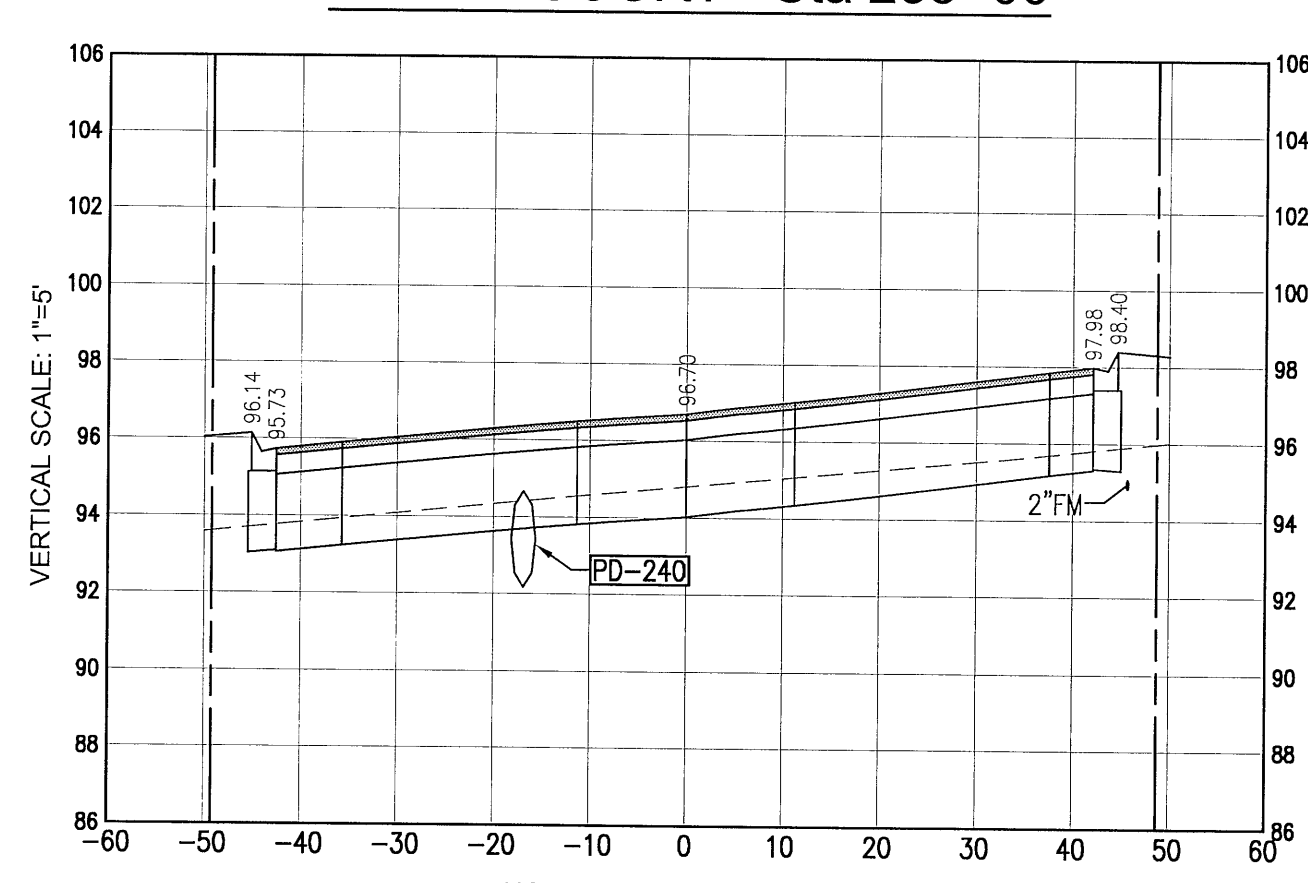
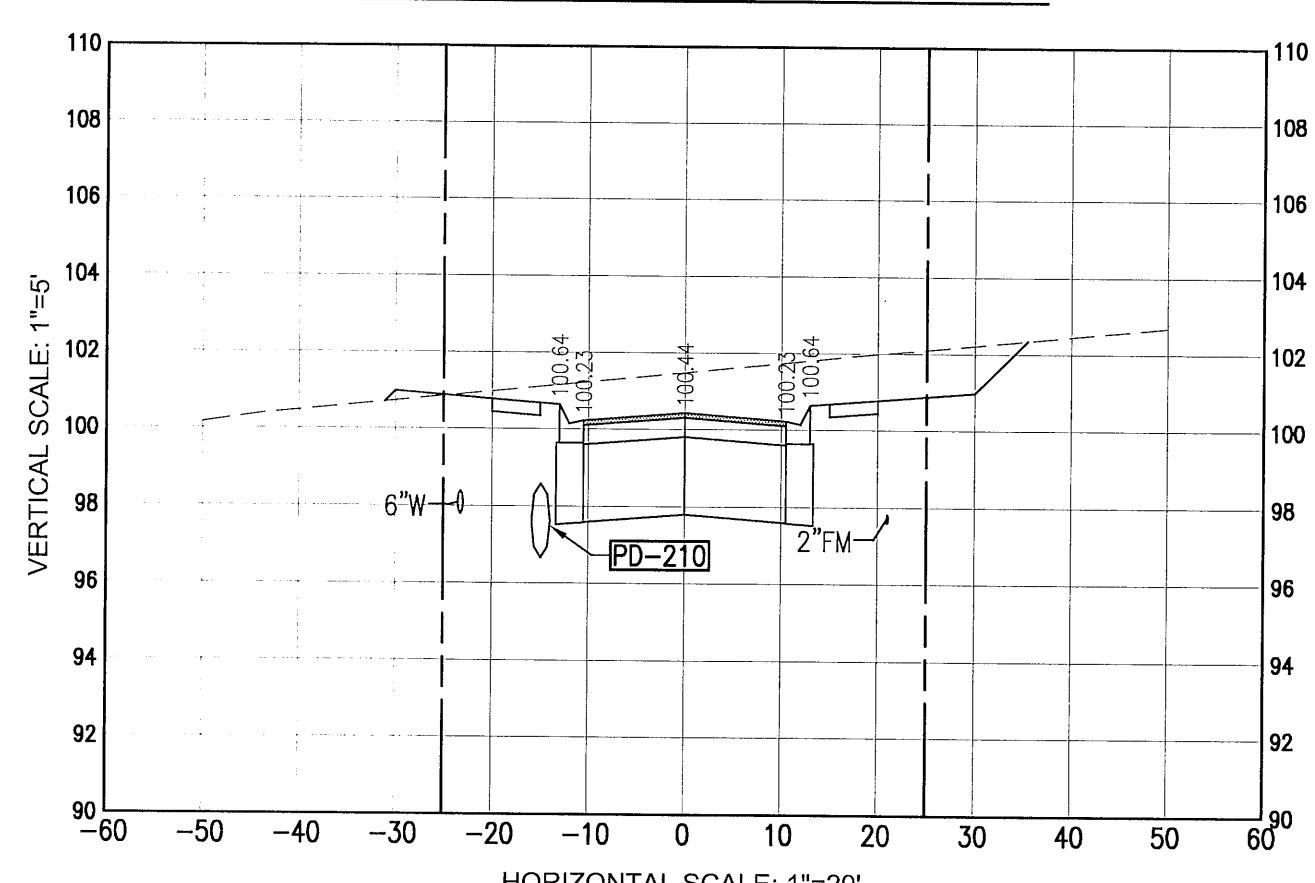
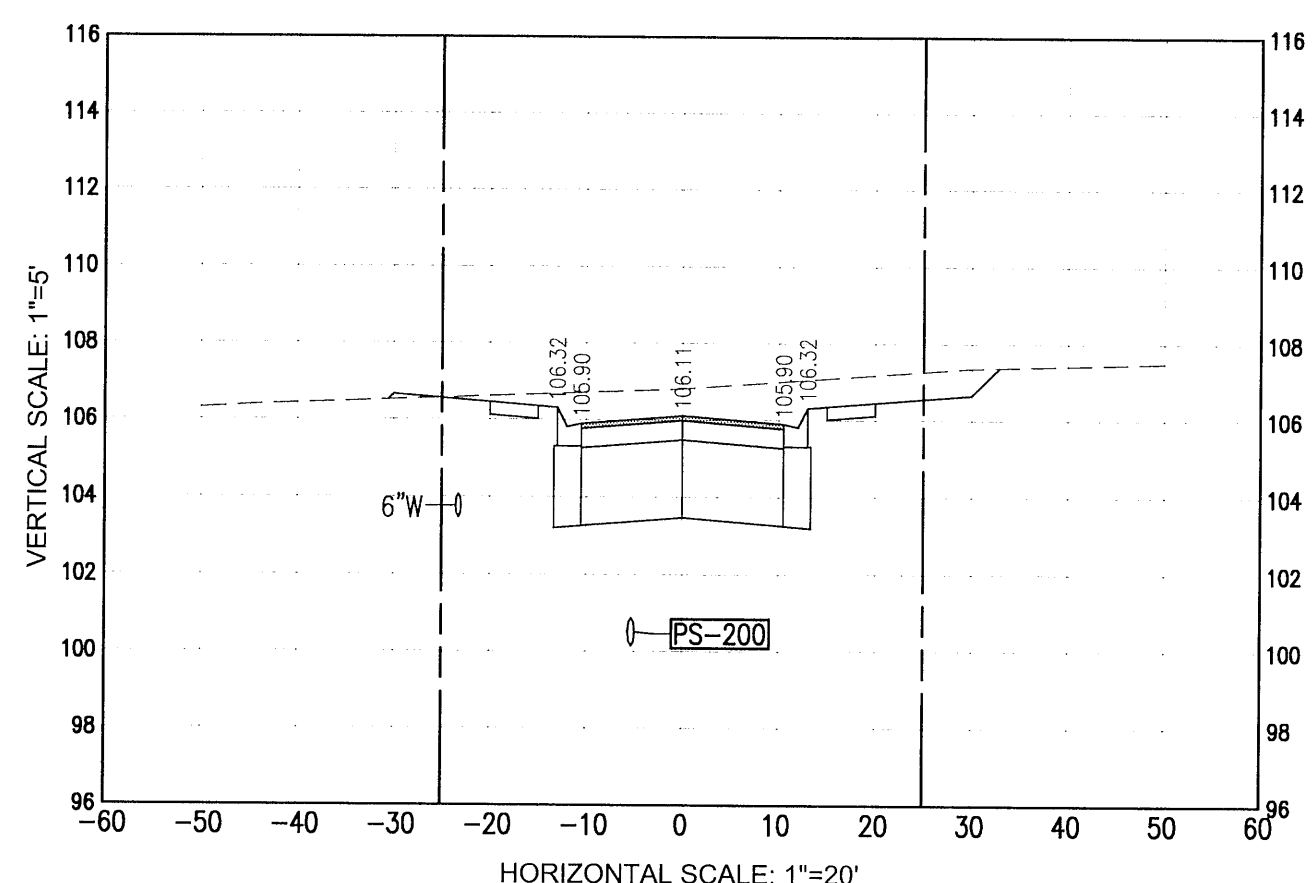
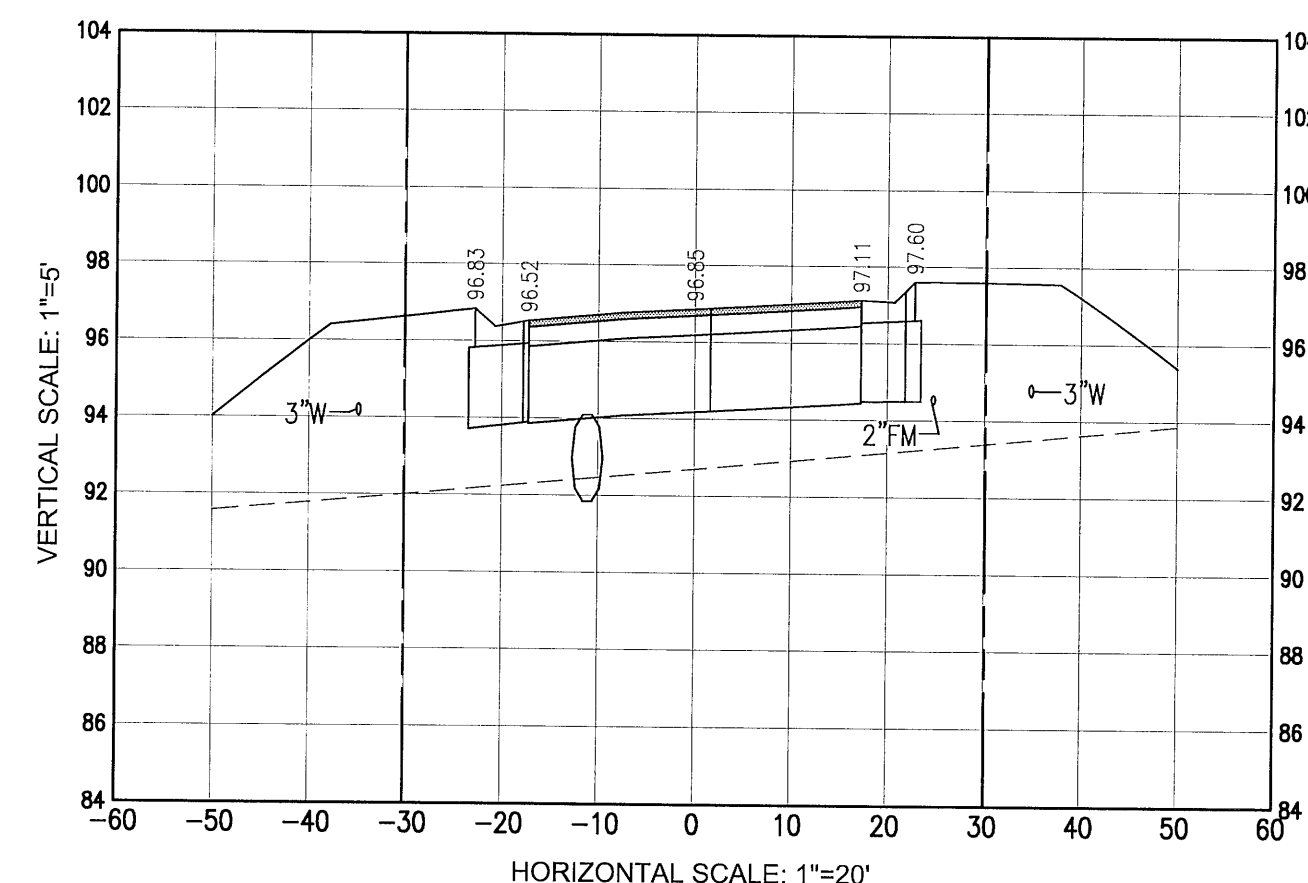
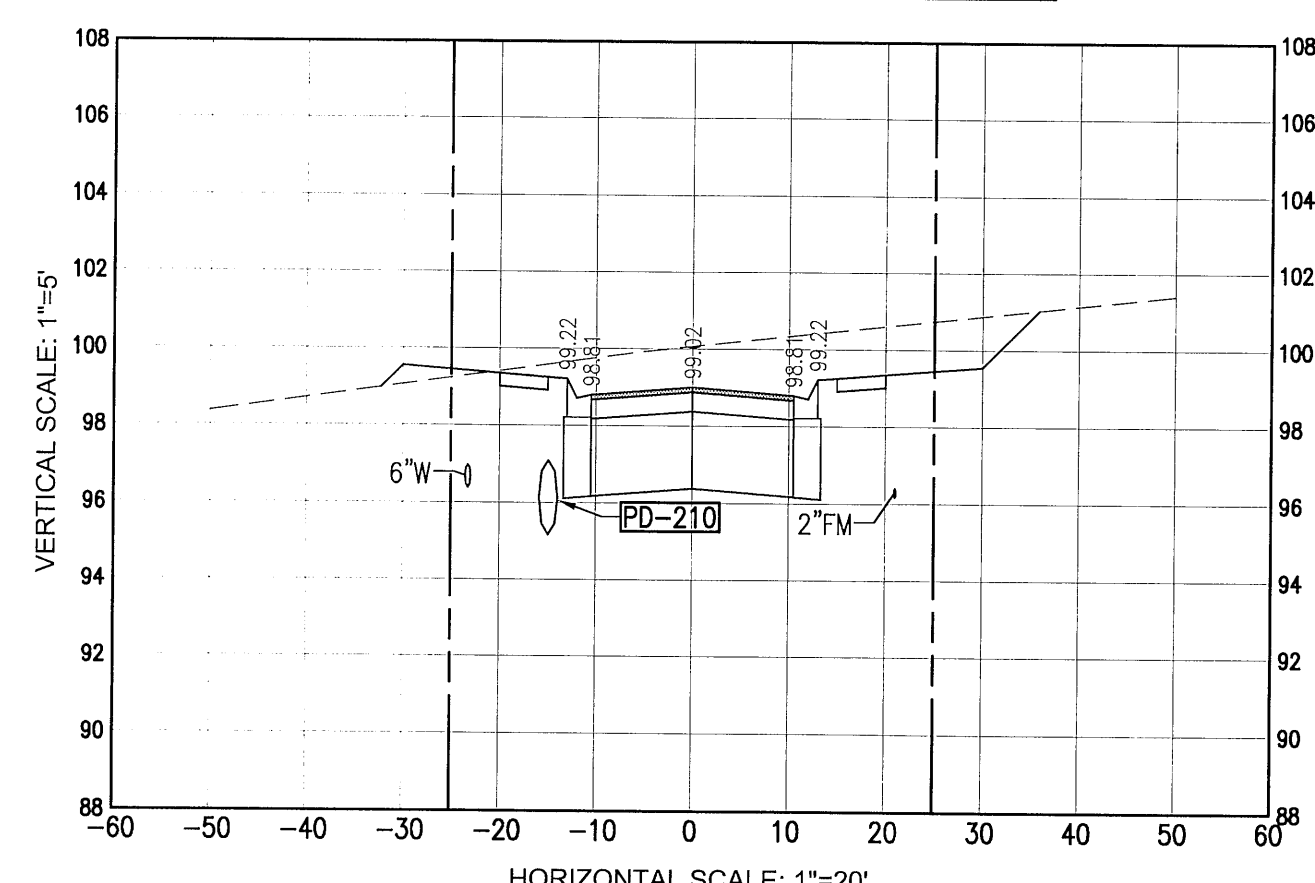
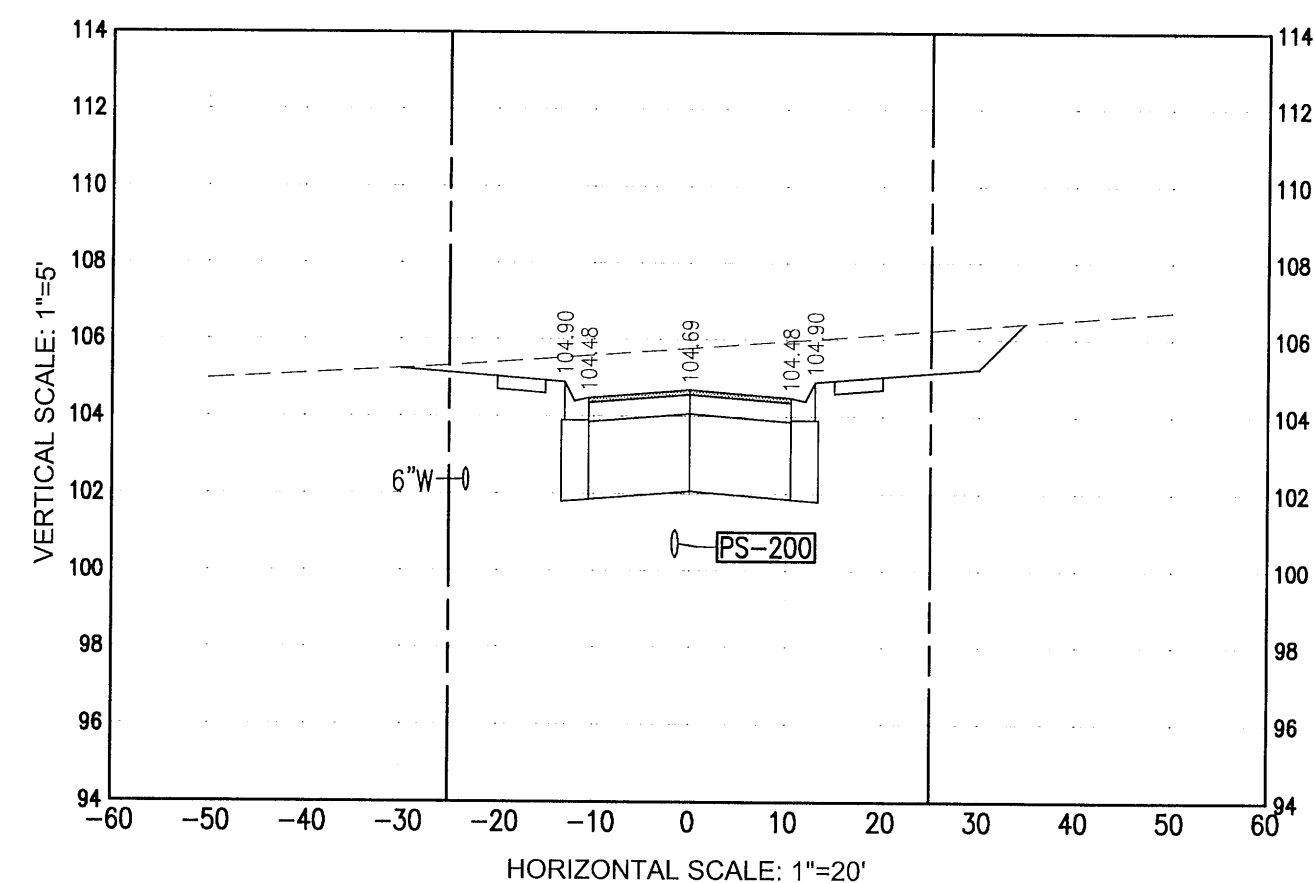
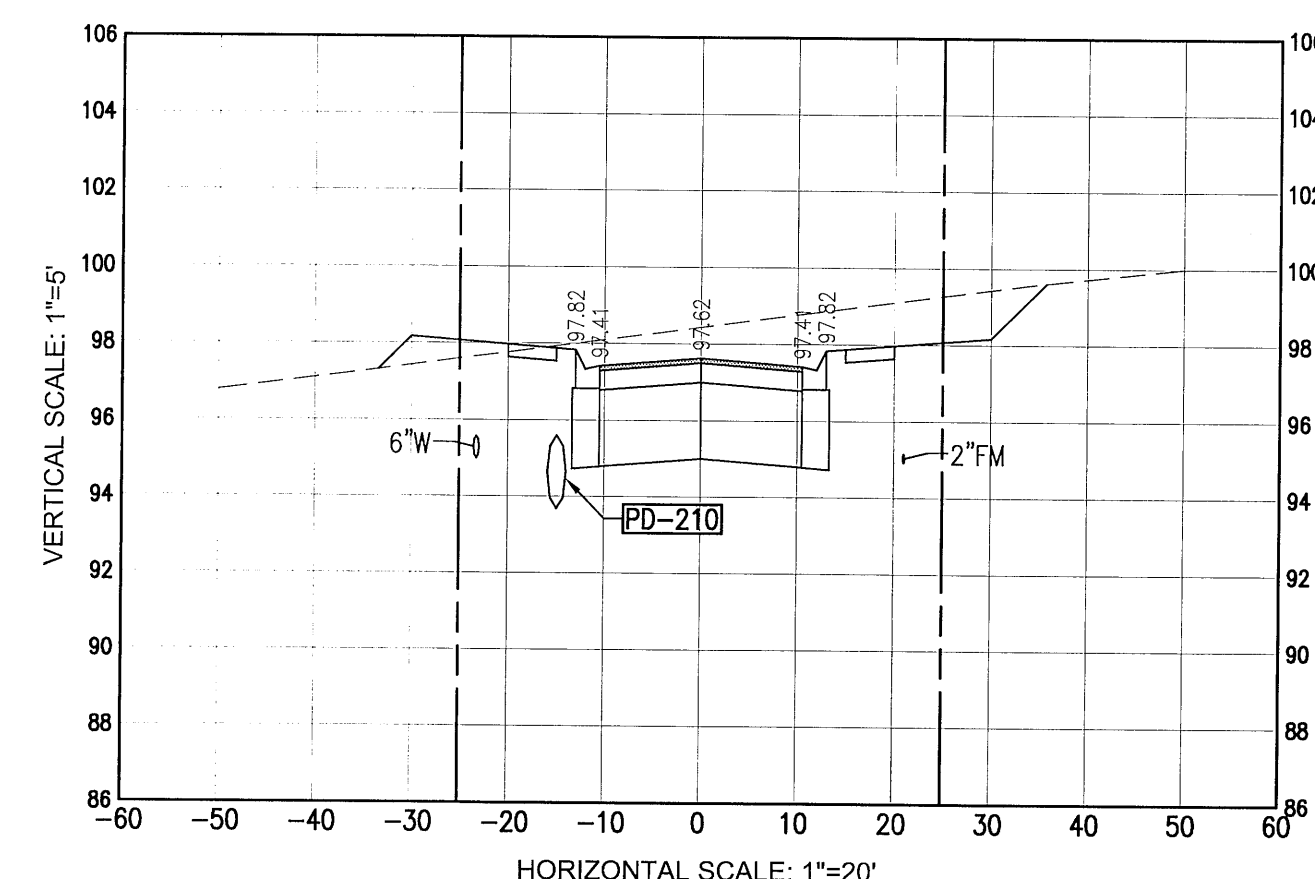
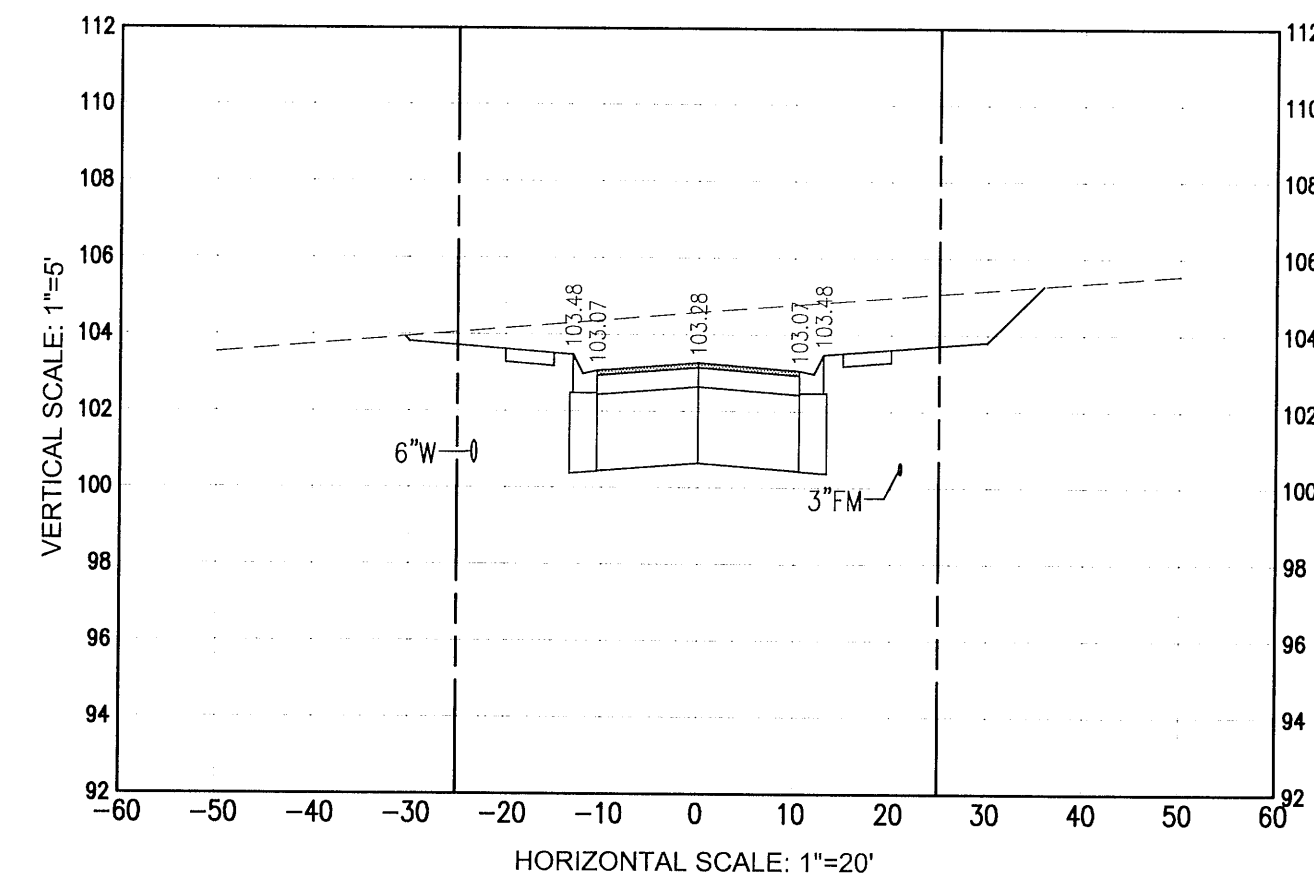


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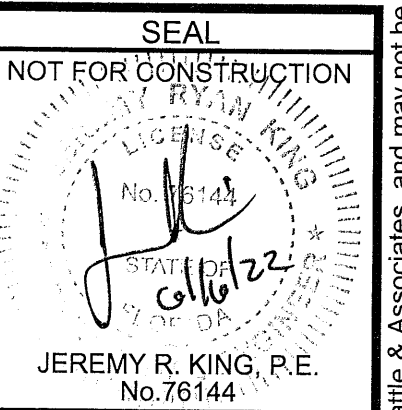
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BAILEY COURT
CROSS SECTIONS

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

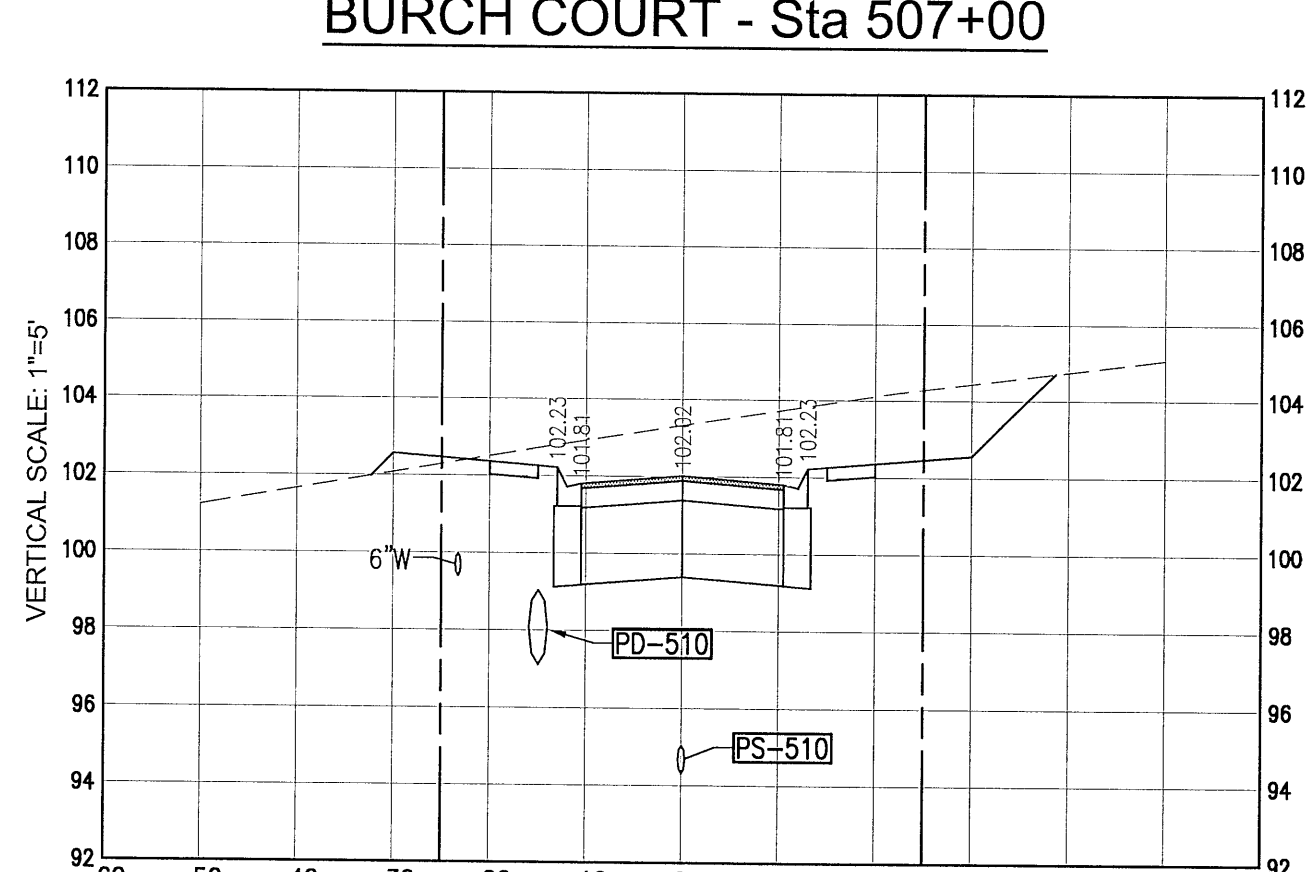
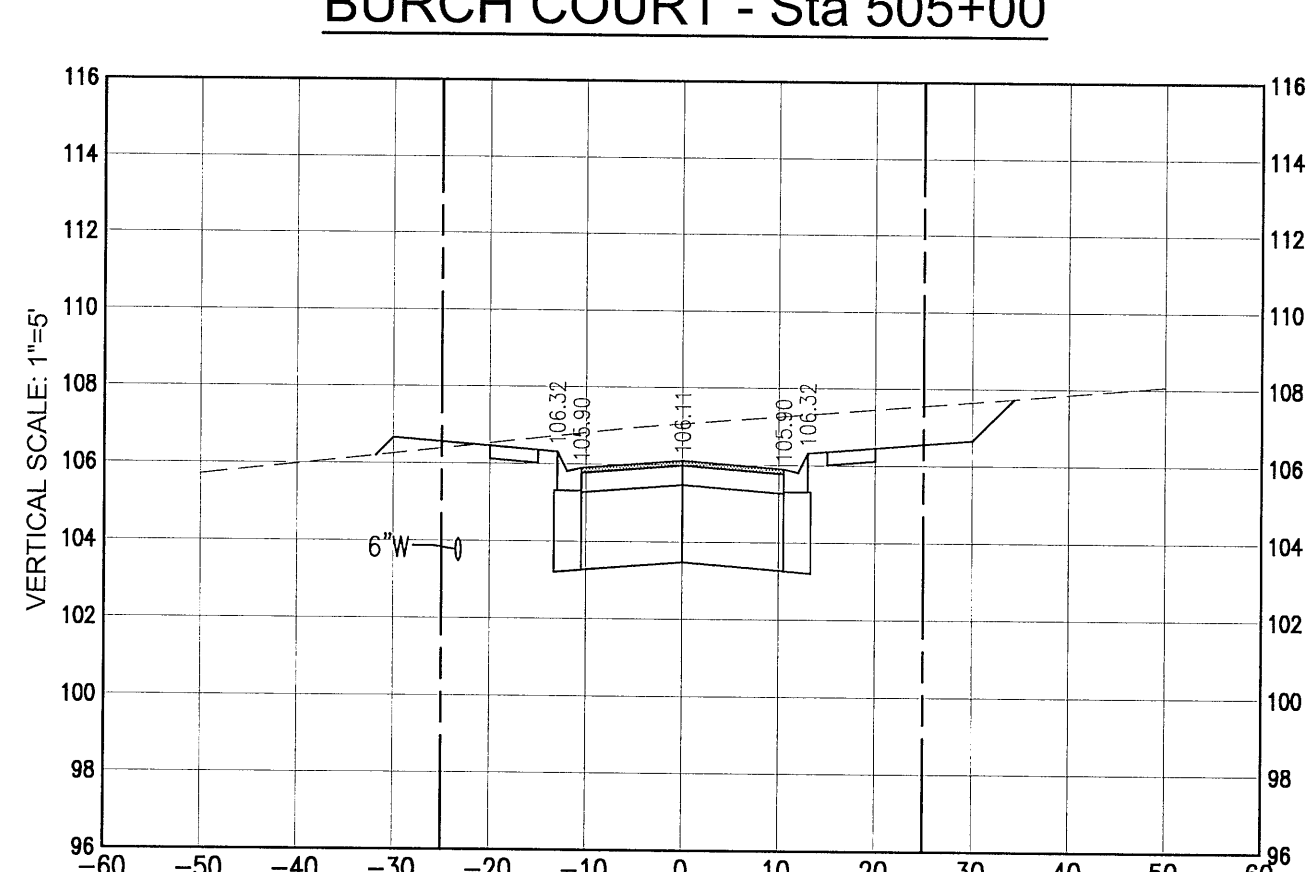
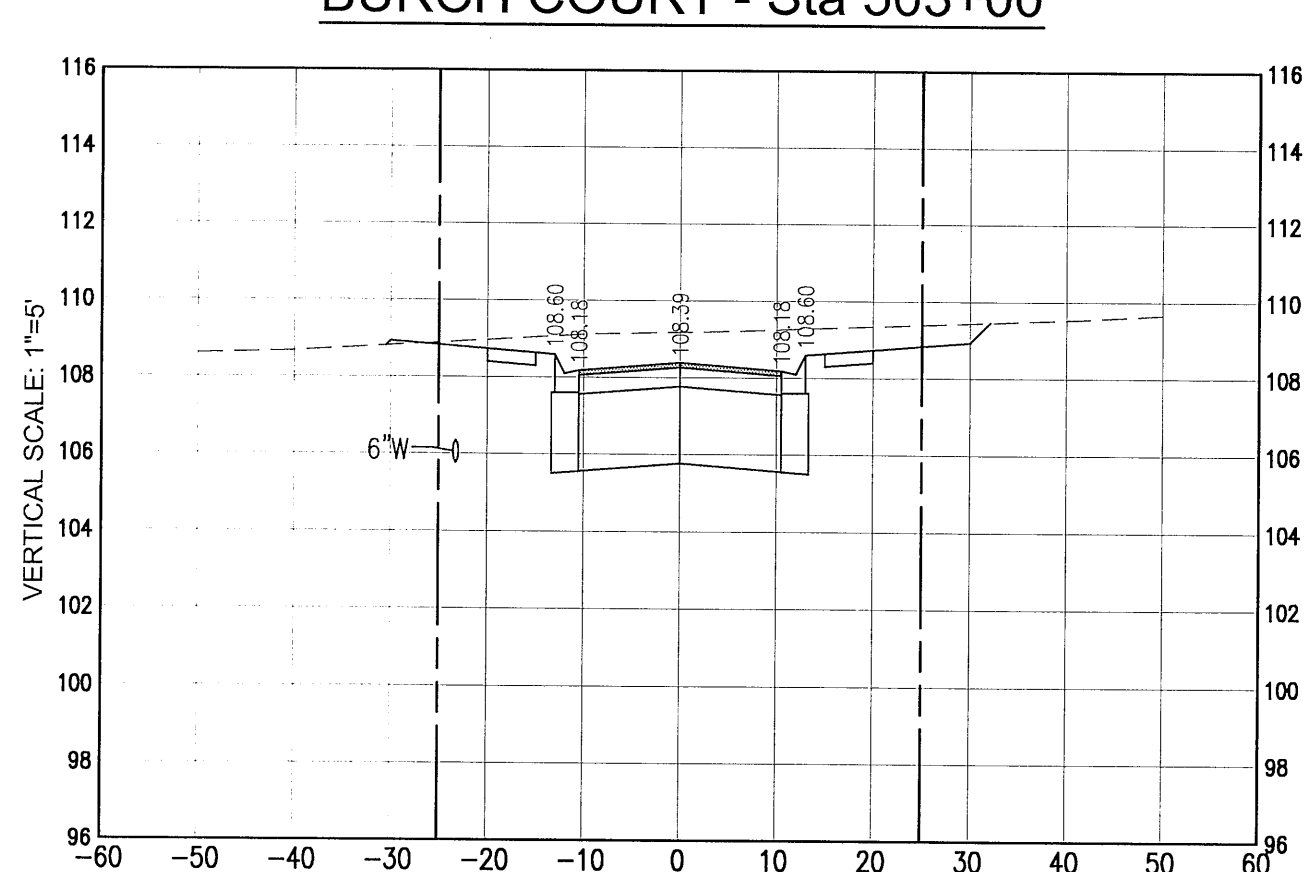
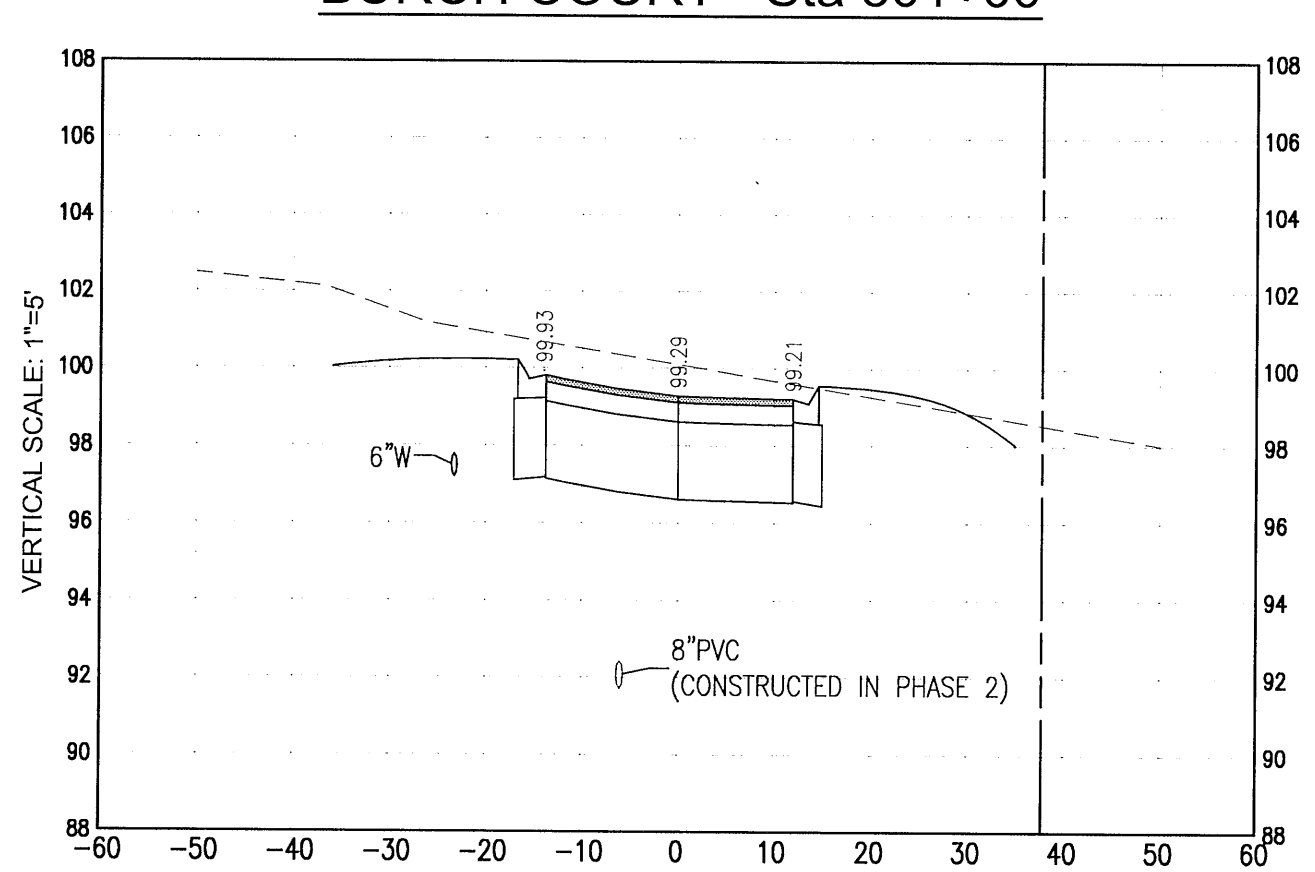
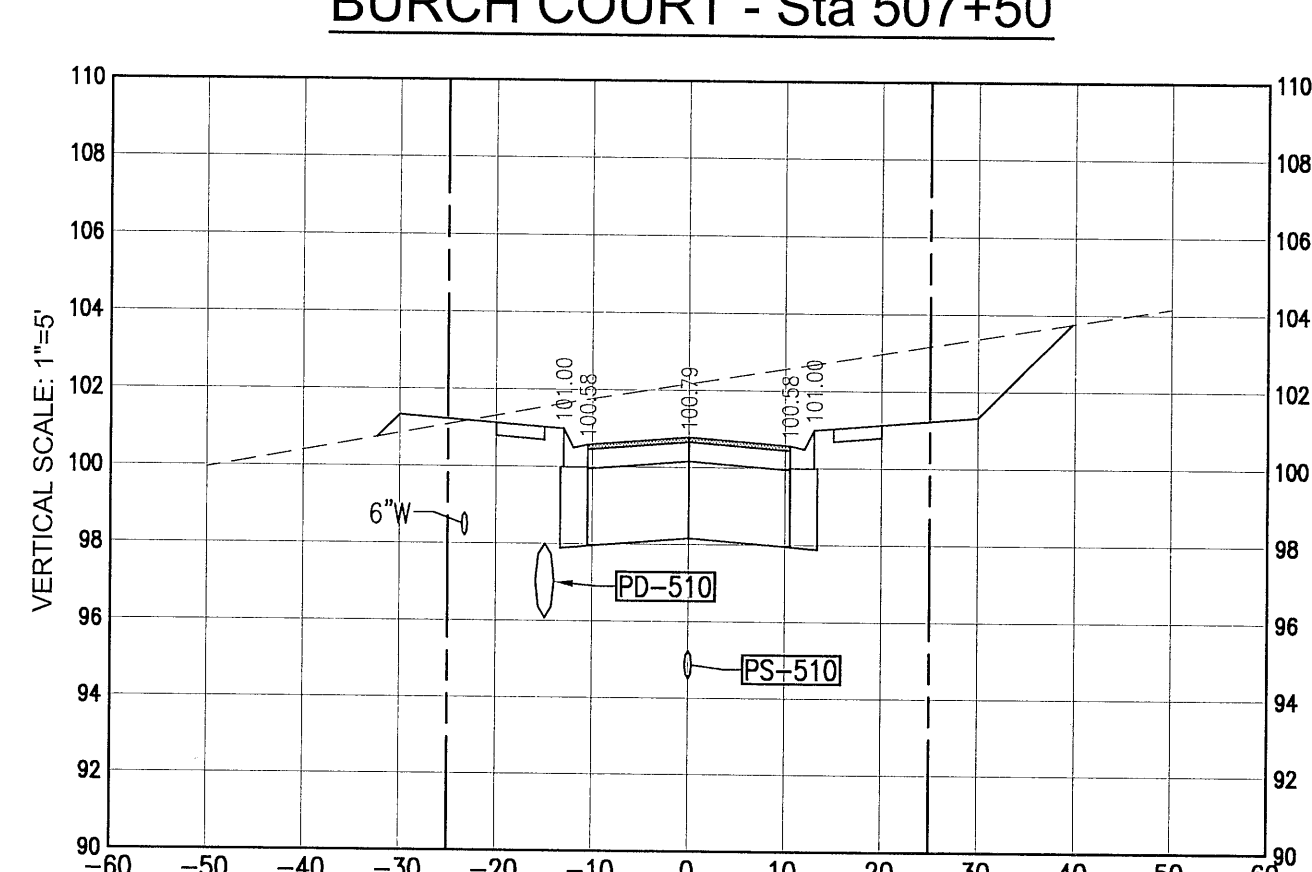
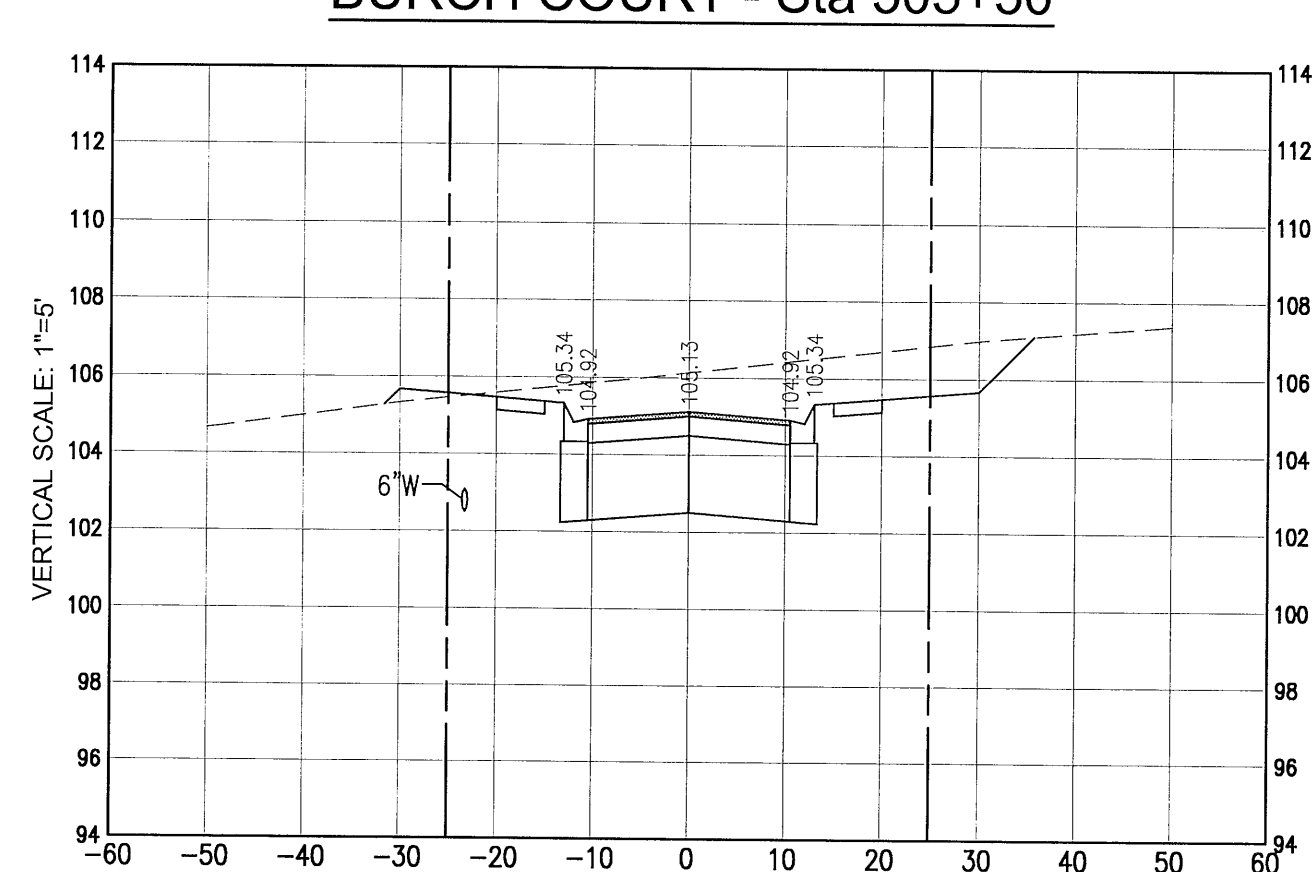
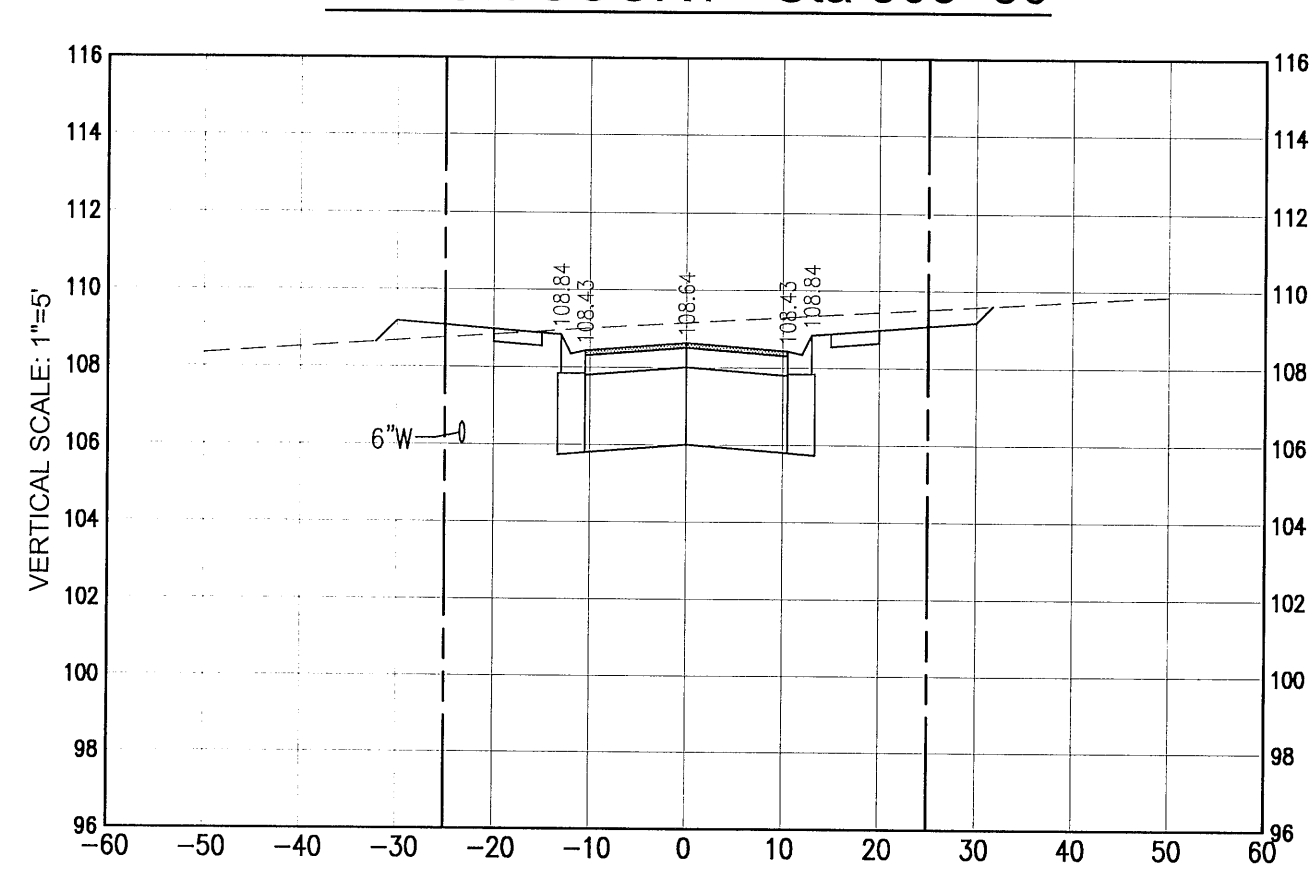
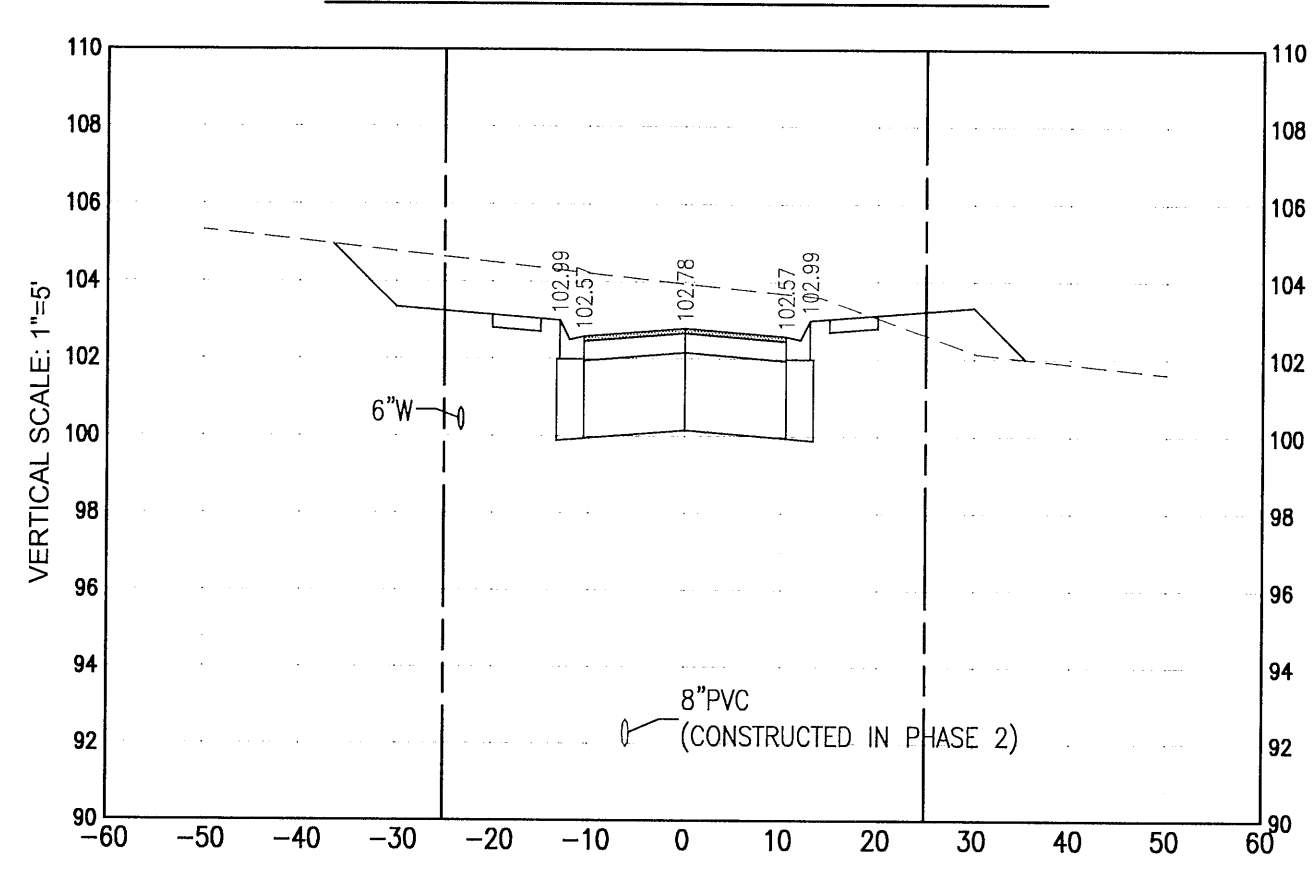
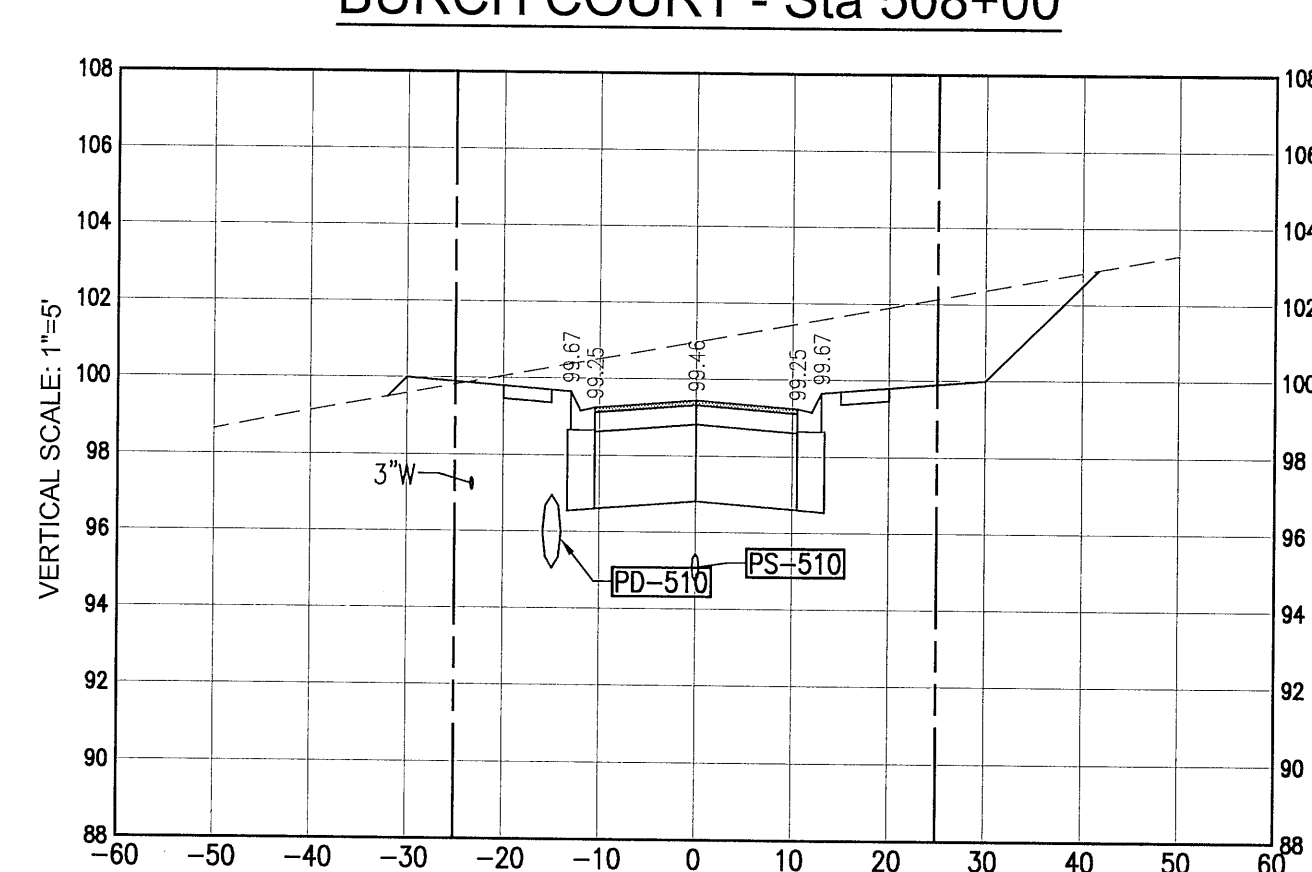
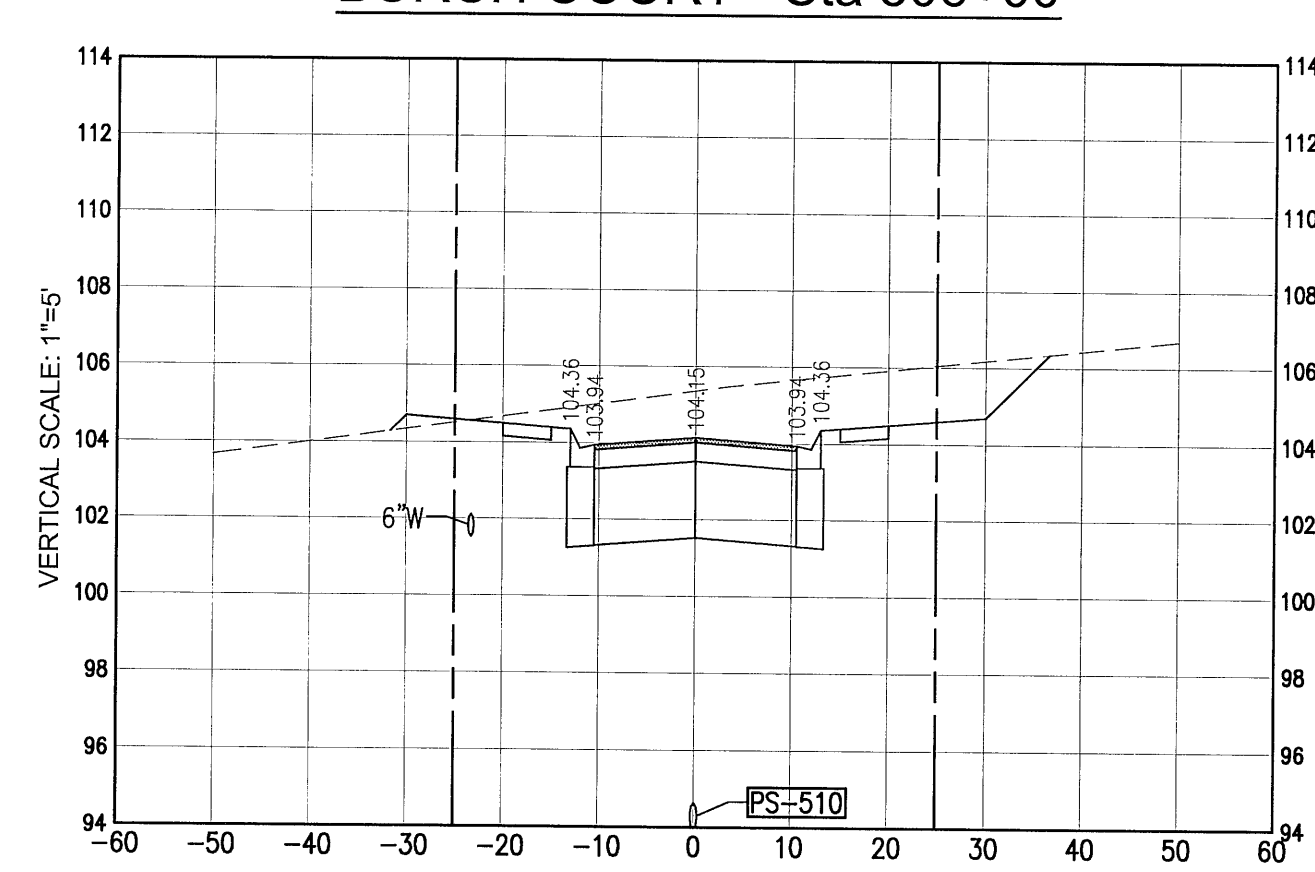
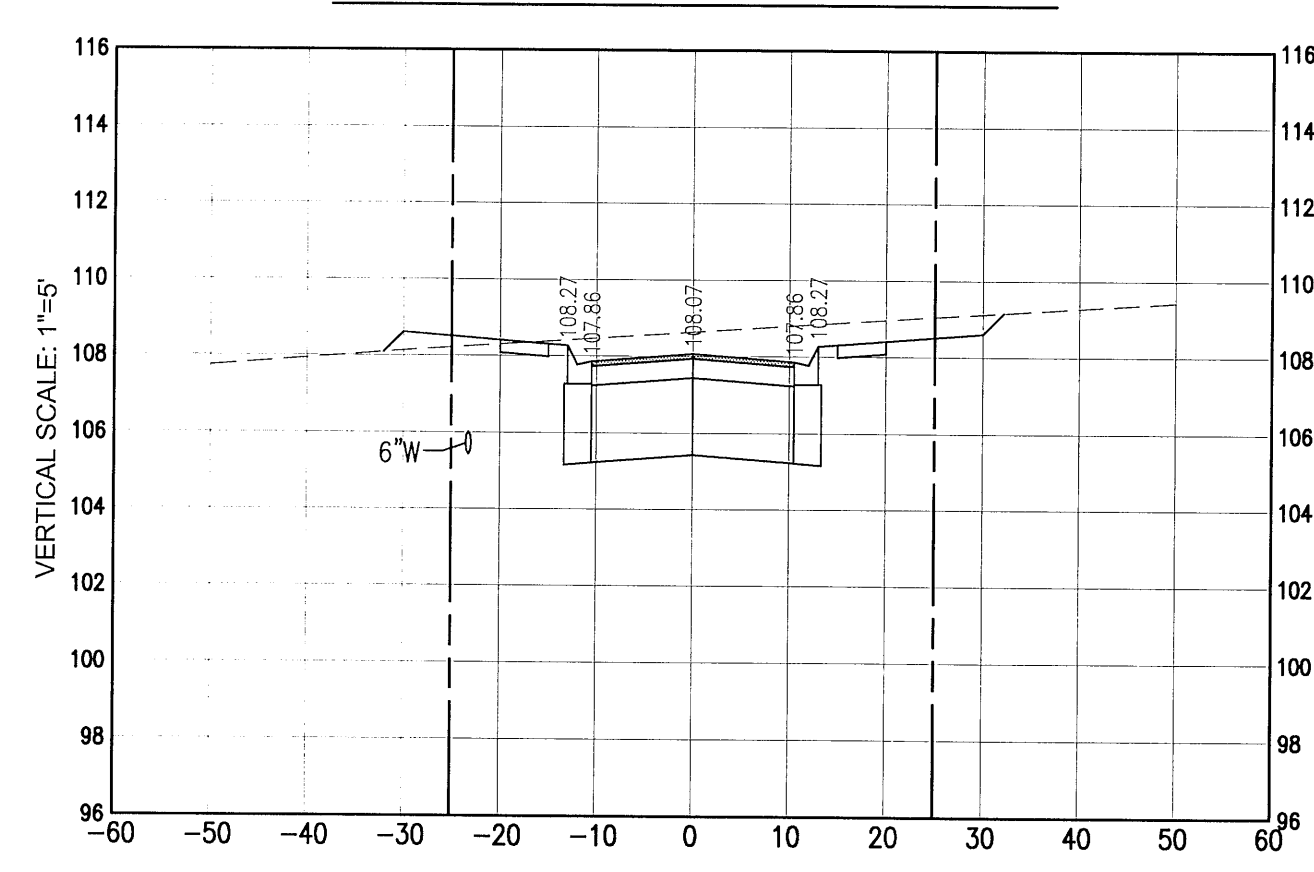
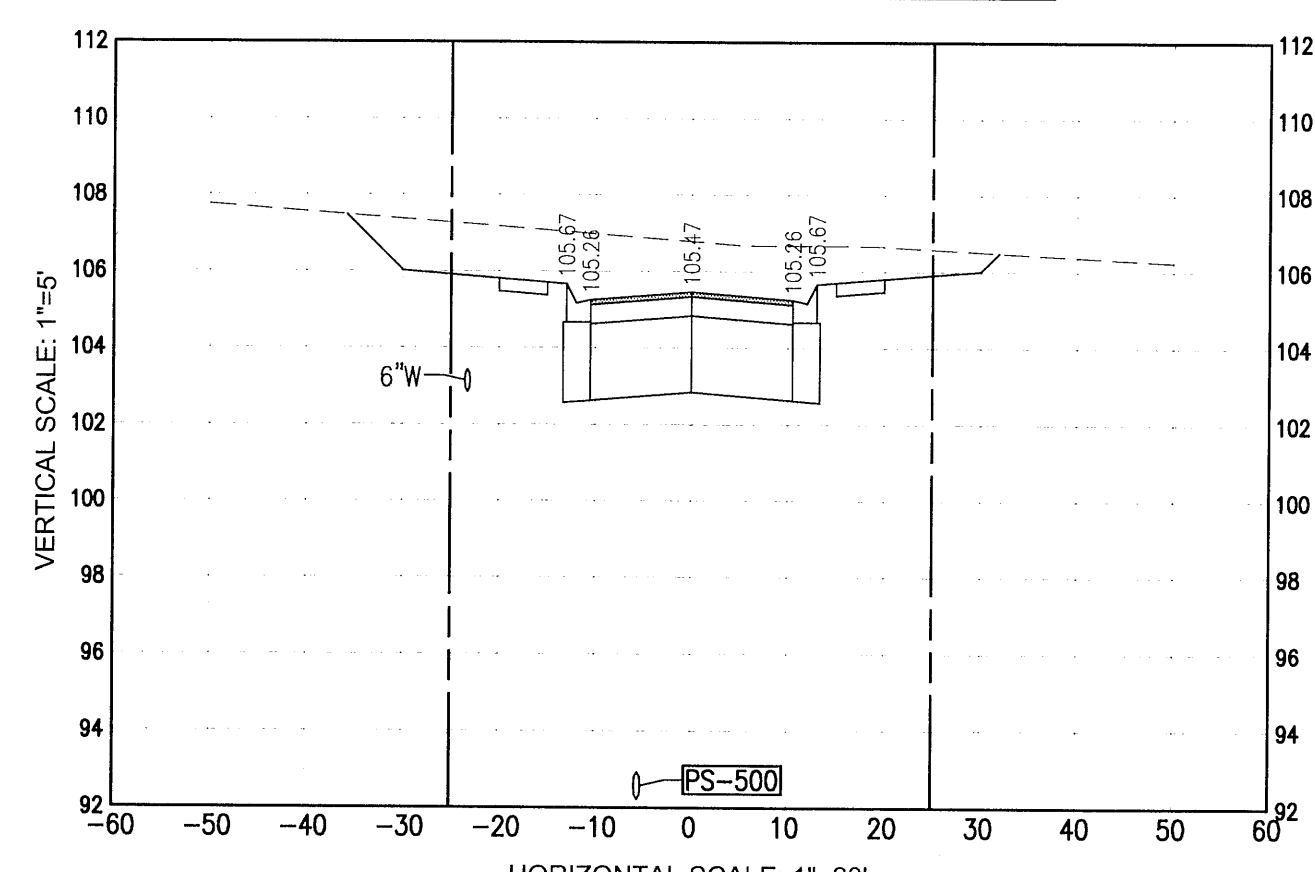
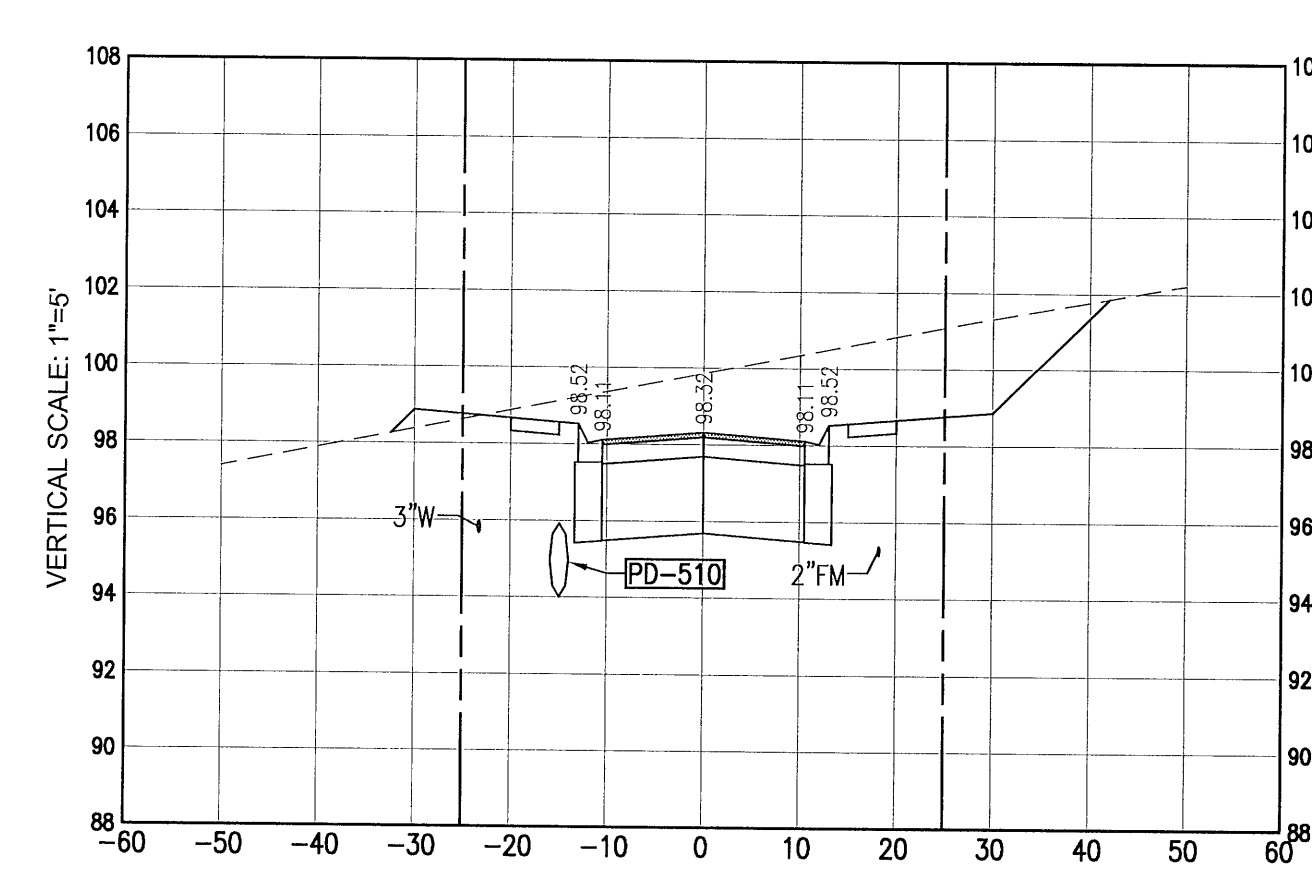
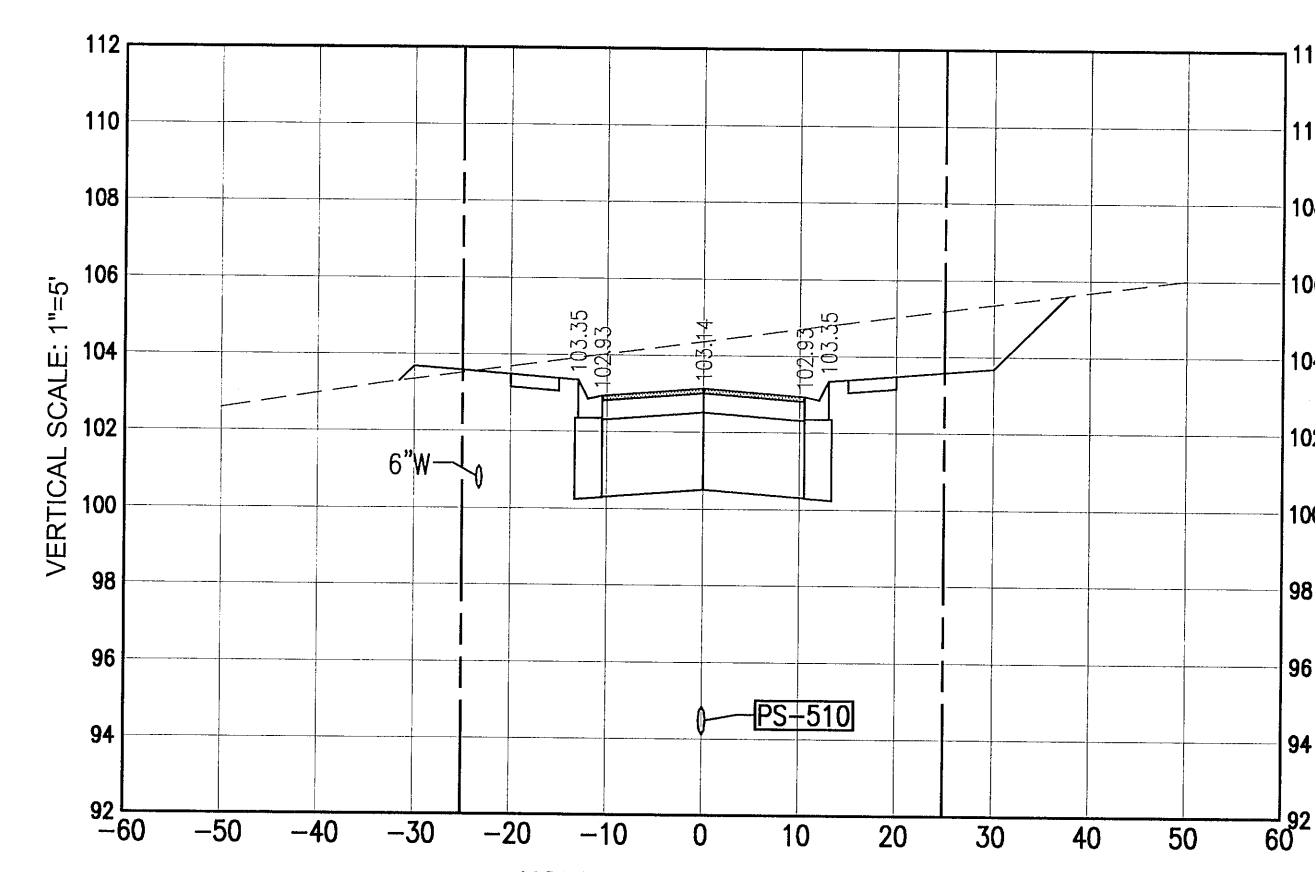
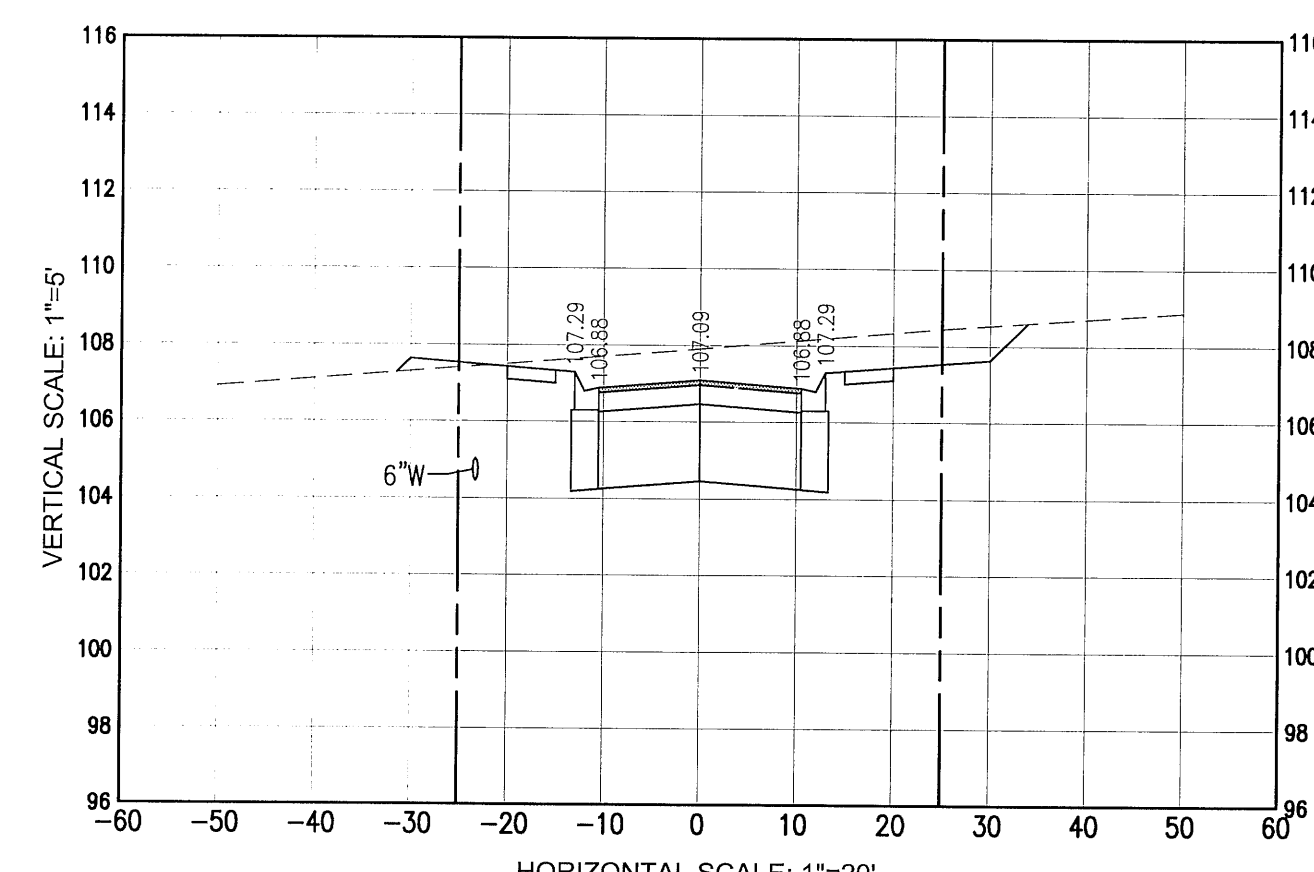
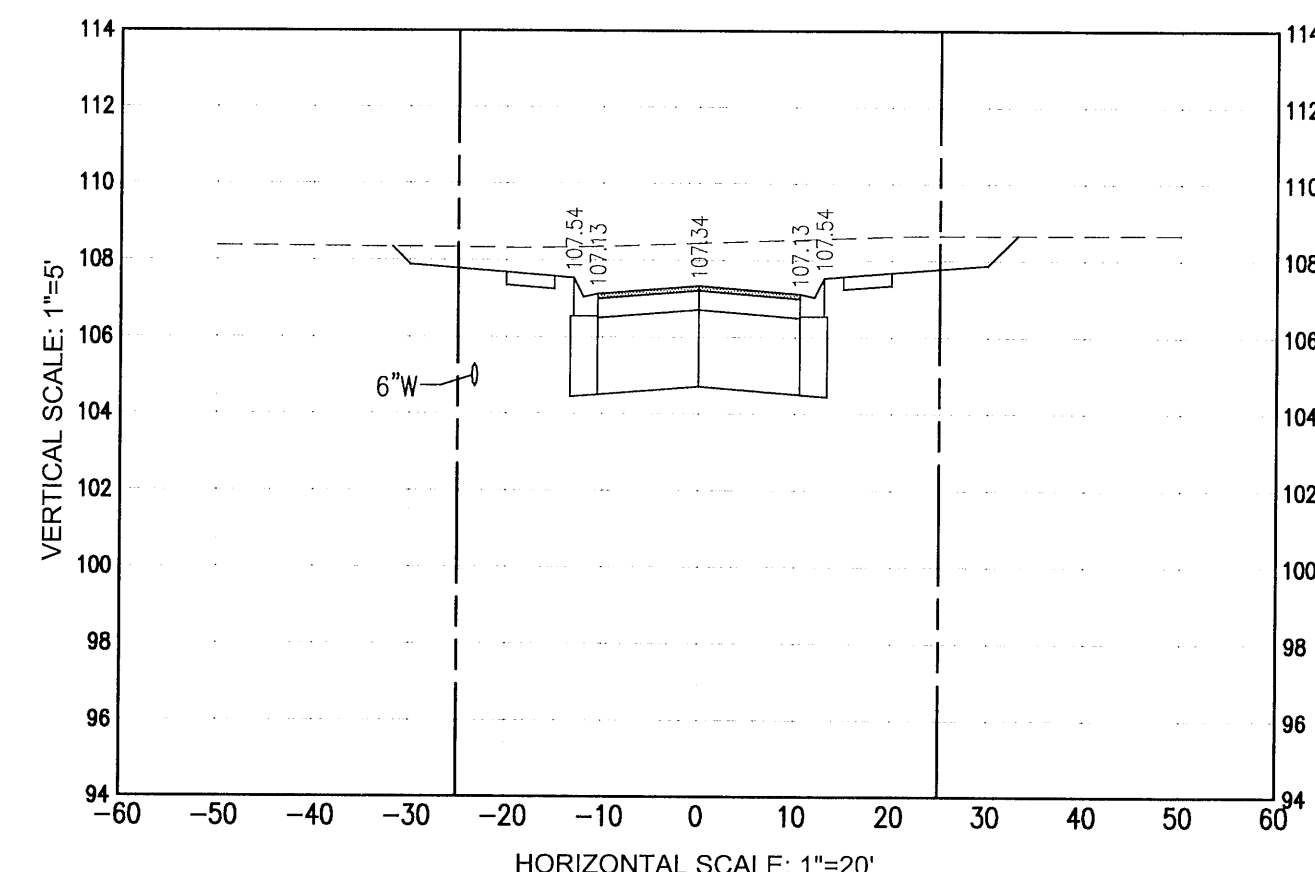
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Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

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BURCH COURT
CROSS SECTIONS

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

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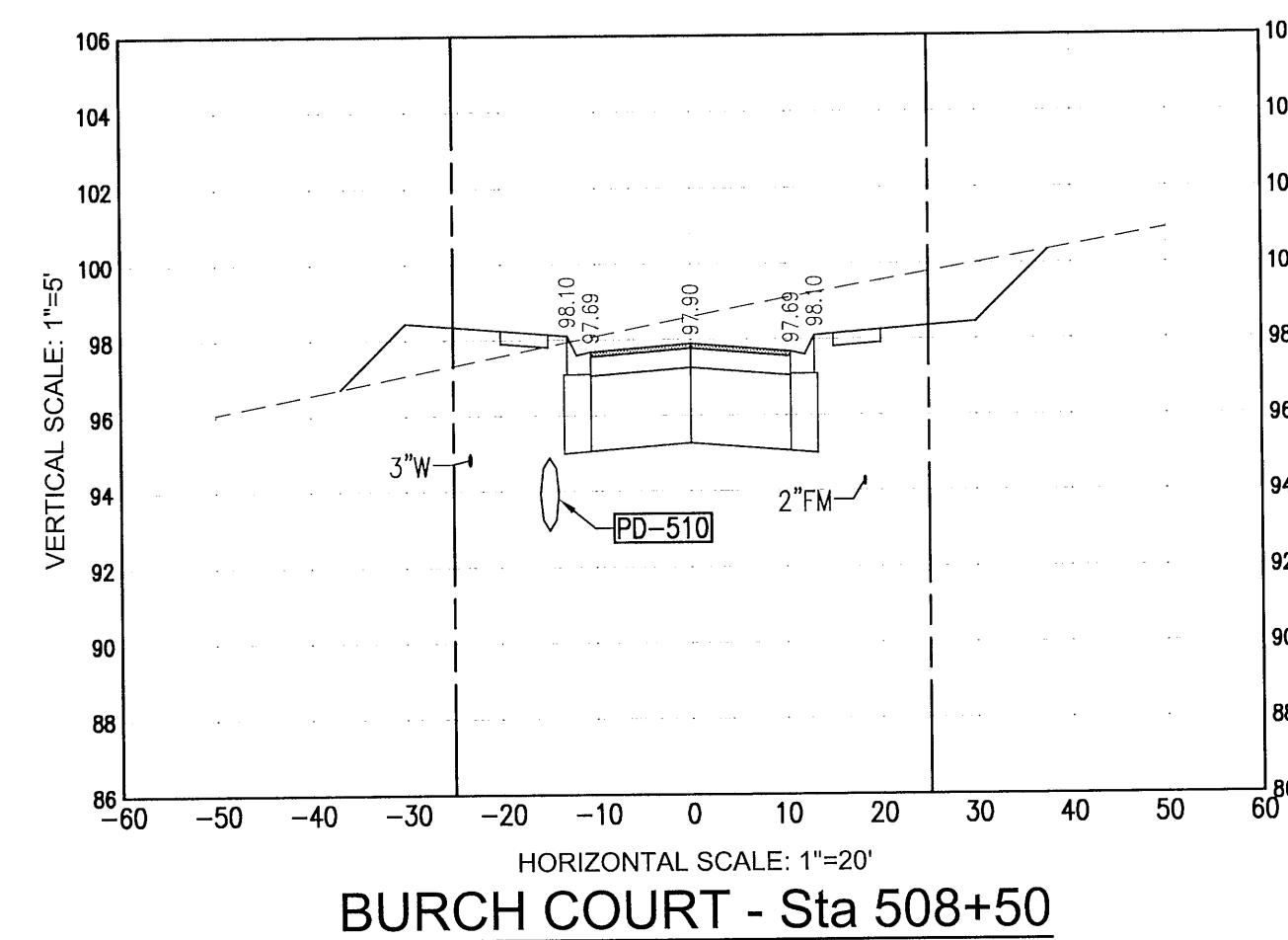
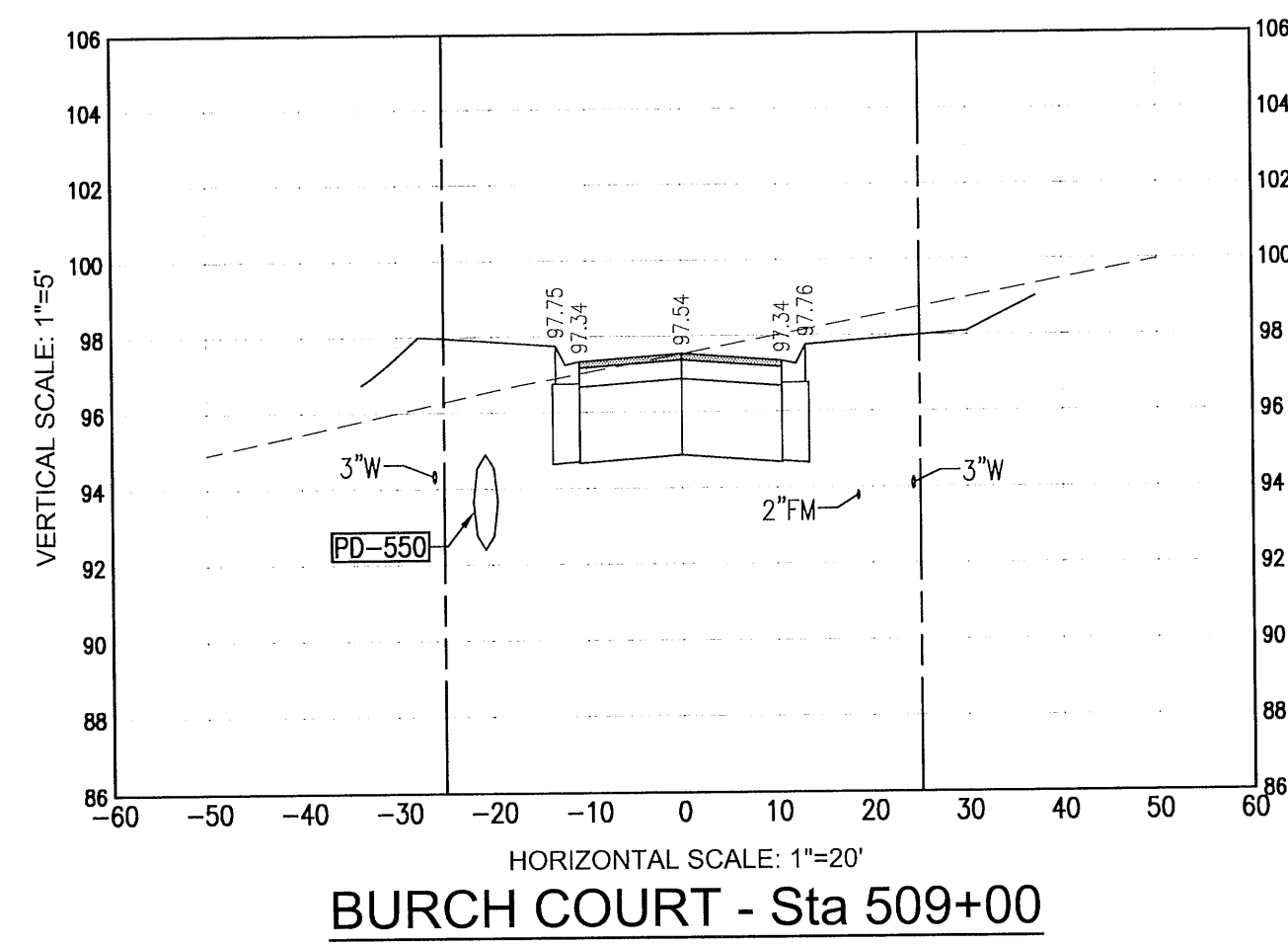
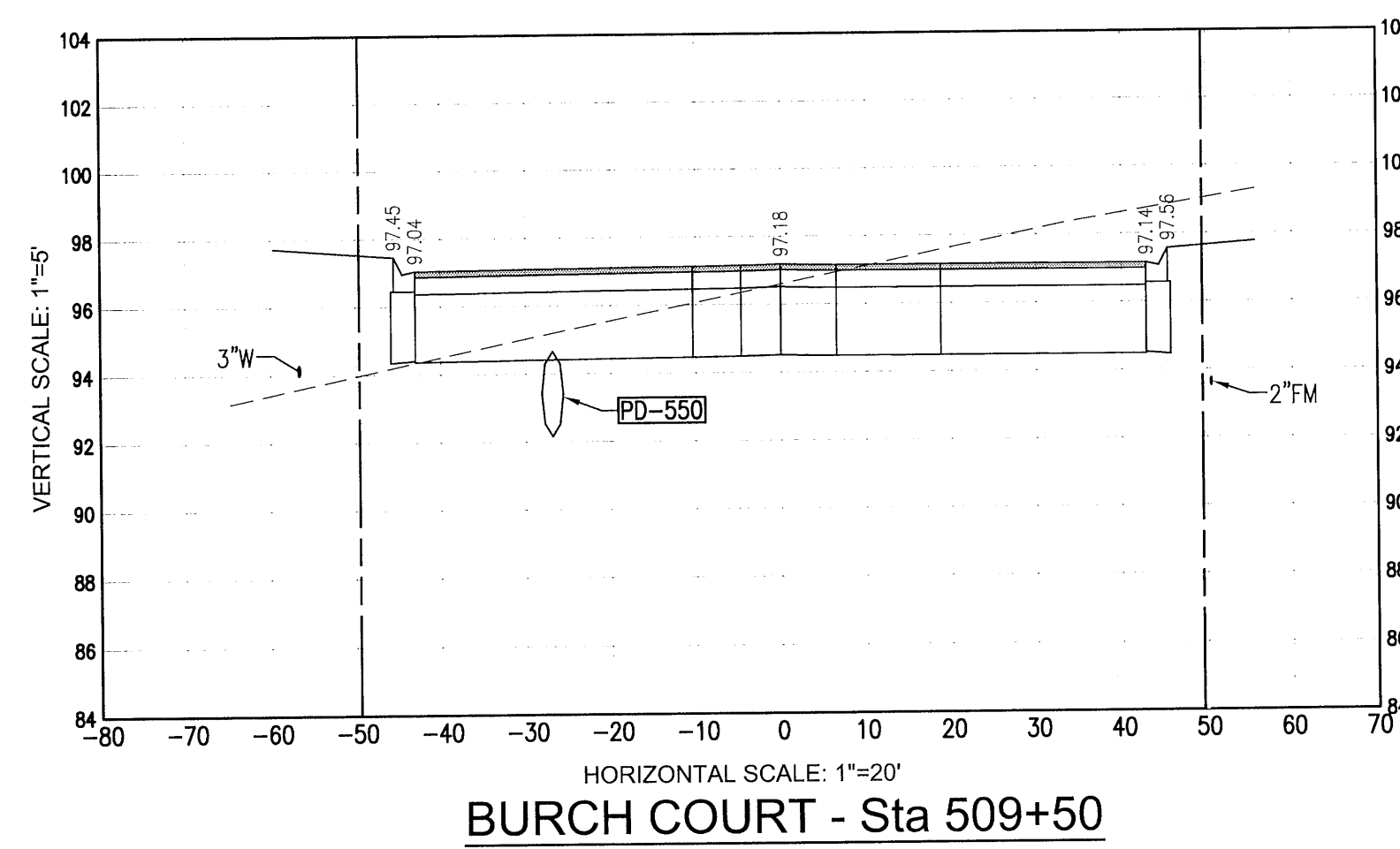
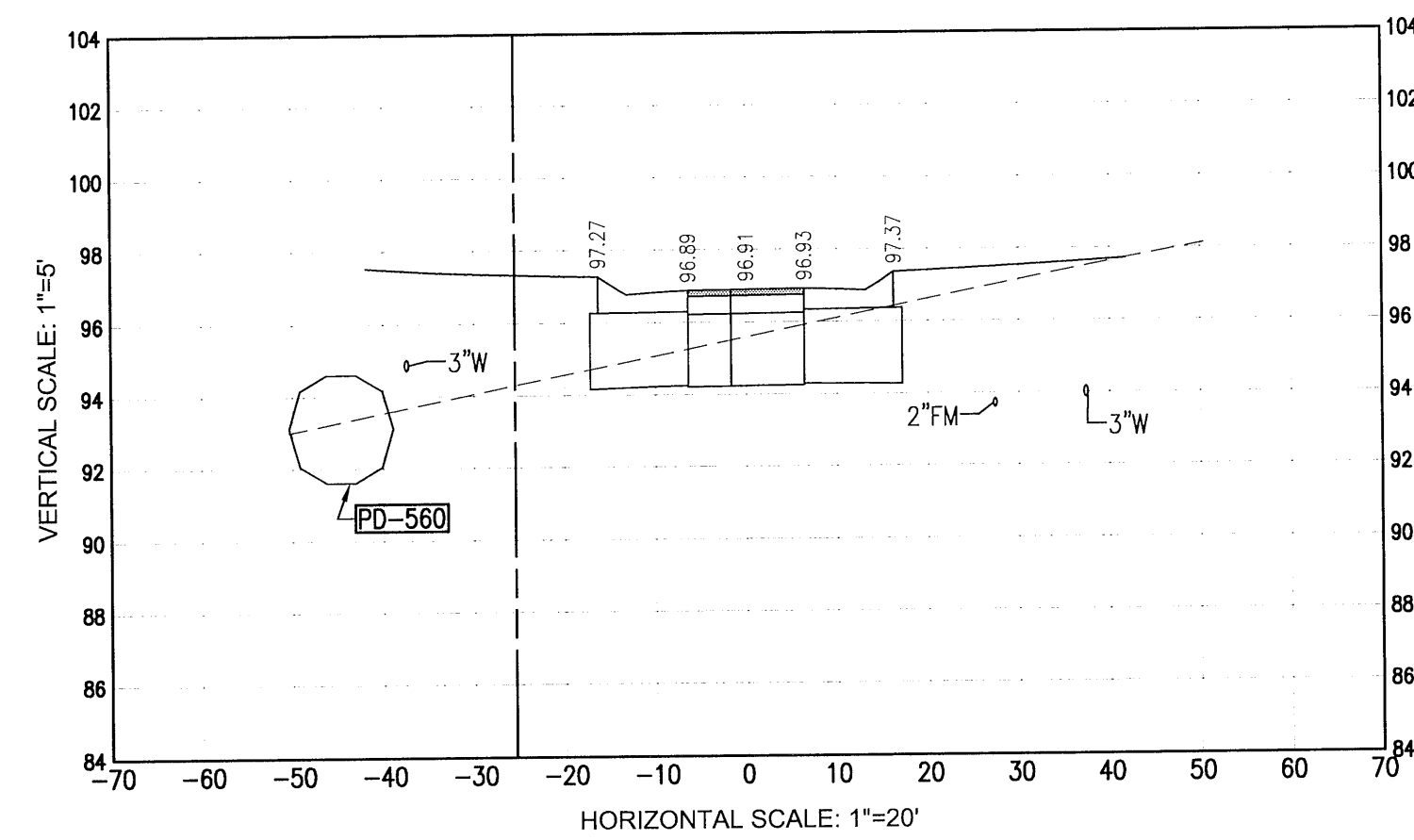
[Signature]
JUL 10 2014
STAT OF
FLORIDA
06/12/22

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

Dr. By: CBD
Ck By: JRK
Job No.: 2017.103
Date: 6/16/2022

DRAWING No.

C7.1



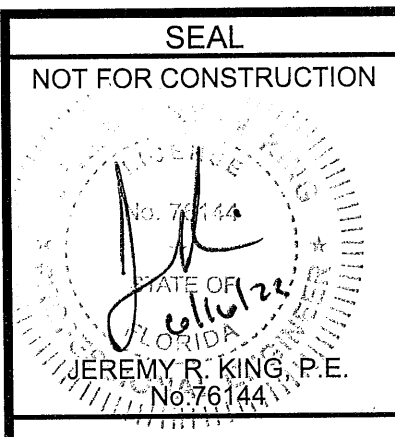
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Civil Engineers and Surveyors
2301 N. Ninth Avenue, Suite 300
Pensacola, Florida 32503
Telephone 850.438.0400 Fax 850.438.0448
EB 00009857

BURCH COURT
CROSS SECTIONS

**Fallschase at Pathstone
Phase 4
A 47 Lot Subdivision
9 Mile Road
ESCAMBIA COUNTY, FLORIDA**

[illegible]

Dr. By: CBD
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