

CONSTRUCTION PLANS FOR FORREST HOLLOW

A PROPOSED 26 LOT PUBLIC RESIDENTIAL SUBDIVISION DEVELOPMENT
SECTION 36, TOWNSHIP 2 SOUTH, RANGE 31 WEST
ESCAMBIA COUNTY, FLORIDA
ZONED: MDR FLU: MU-S

AUGUST 2022

NOT RELEASED FOR
CONSTRUCTION

OWNER/DEVELOPER:
FORREST HOMES AND
STEEL CONSTRUCTION
10901 LILLIAN HIGHWAY
PENSACOLA FL 32506
P: (850)-572-4588

SURVEYOR:
NORTHWEST FLORIDA LAND SURVEYING, INC.
7142 BELGIUM CIRCLE
PENSACOLA, FL 32526
P: (850) 432-1052

ENGINEER:
HAMMOND ENGINEERING, INC.
3802 NORTH "S" STREET
PENSACOLA, FL 32505
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- EXISTING UTILITIES HAVE BEEN SHOWN ON PLANS FROM BEST AVAILABLE INFORMATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION & PROTECTING ALL UTILITIES INCLUDING THOSE NOT SHOWN.
- UTILITIES REQUIRING RELOCATION SHALL BE COORDINATED WITH THE APPROPRIATE UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING UTILITY RELOCATION.
- GULF POWER CO. MANHOLES AND VAULTS, SOUTHERN BELL MANHOLES TO BE ADJUSTED BY THE APPROPRIATE UTILITY, AND THIS WORK SHALL BE COORDINATED BY THE CONTRACTOR.
- FLORIDA STATE STATUTE 553.851 REQUIRES THAT ALL EXCAVATORS NOTIFY GAS COMPANIES OF THEIR INTENTION TO PERFORM ANY EXCAVATION AT LEAST FORTY-EIGHT (48) HOURS (EXCLUDING SAT., SUN. & HOLIDAYS) PRIOR TO BEGINNING WORK.

- ALL DISTURBED AREAS WHICH ARE NOT PAVED ARE TO BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/OR SOD. PONDS AND AND SWALES TOPS AND SIDES SHALL BE SODDED. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE GROWTH DURING WINTER MONTHS. SEED IN ACCORDANCE WITH FDOT SECTION 570 AND STANDARD INDEX 105.
- SEDIMENT SHALL BE RETAINED ON THE SITE OF DEVELOPMENT.
- CONTRACTOR SHALL CLEAN OUT ACCUMULATED SILT, AND STABILIZE POND(S) AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED.
- EROSION SHALL BE CONTROLLED BY THE USE OF SYNTHETIC (IN STATE R/W) HAY BALE BARRIER/SILT FENCE AS SHOWN ON PLANS AND SHALL BE SETUP PRIOR TO COMMENCING CONSTRUCTION. THE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION BY THE CONTRACTOR. AFTER PLACEMENT OF THE EROSION CONTROL BARRIER, THE RETENTION AREA IS TO BE CONSTRUCTED. UPON COMPLETION OF THE PROJECT, THE RETENTION AREA SHALL BE CLEANED OF SILT, STABILIZATION OF ALL DISTURBED AREAS SHALL BE ACCOMPLISHED, AND THE RETENTION AREA IS TO BE RECONFIGURED TO DESIGN CROSS-SECTION, AND GRASSED.

SITE WORK

GENERAL NOTES

- ALL WORK SHALL COMPLY WITH SPECIFICATIONS AND APPLICABLE STANDARDS ESTABLISHED BY ESCAMBIA COUNTY, ECUA AND FDEP. WHERE THESE SPECIFICATIONS AND COUNTY STANDARDS DEVIATE, THE MORE STRINGENT REQUIREMENTS SHALL PREVAIL UNLESS APPROVED BY THE ENGINEER.
- THE GENERAL CONTRACTOR SHALL COORDINATE THE WORK OF THE UTILITY SUBCONTRACTORS TO INSURE THAT ALL UTILITY INSTALLATIONS PROCEED IN A TIMELY MANNER AND TO PREVENT CONFLICTS IN THE INSTALLATION OF THE WATER, SEWER, GAS, ELECTRICAL, POWER, CABLE, AND TELEPHONE LINES.
- ALL CONDITIONS AND STIPULATIONS OF THE CONSTRUCTION PERMITS AND APPROVALS ISSUED BY ESCAMBIA COUNTY, THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ECUA SHALL BE COMPLIED IN EVERY WAY.

UTILITY WORK

- ALL WORK SHALL COMPLY WITH APPLICABLE STANDARDS AND CODES ESTABLISHED BY THE ECUA, ESCAMBIA COUNTY AND THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AND WRITTEN SPECIFICATIONS.
- THE UTILITY CONTRACTOR SHALL MAKE CONNECTIONS TO THE SANITARY SEWER AND STORM DRAINAGE SYSTEM AS SHOWN AND SHALL VERIFY LOCATIONS AND ELEVATIONS OF ALL UTILITY LINES PRIOR TO BEGINNING WORK. THE UTILITY CONTRACTOR SHALL INCLUDE THE COST OF PROTECTION AND/OR RELOCATION OF OTHER UTILITIES IN HIS BID AND SHALL COORDINATE HIS WORK WITH OTHER UTILITY SUB-CONTRACTORS TO PREVENT CONFLICTS WITH OTHER UTILITY LINES.
- "AS-BUILT" DRAWINGS SHOWING WATERLINES AND FORCEMAINS, FITTINGS, VALVES, METERS, SERVICE LATERAL TAPS AND STUB-OUTS, MANHOLES, FIRE HYDRANTS, ETC. LOCATIONS WITH MEASUREMENTS IN ACCORDANCE WITH THE LATEST ECUA ENGINEERING MANUAL (SECTION 4000) SHALL BE FURNISHED TO THE ENGINEER PRIOR TO ACCEPTANCE.
- ECUA PERMIT SHALL BE REQUIRED PRIOR TO CP APPROVAL. THE USE OF THESE LOW PRESSURE SYSTEMS HAS TO BE APPROVED BY THE COUNTY ENGINEER.

- THE PROJECT ENGINEER (ENGINEER OF RECORD) 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 PROVIDE "AS-BUILT" CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE "AS-BUILT" CERTIFICATION AND THE "AS-BUILT" RECORD DRAWINGS MUST BE SIGNED, SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

- THE DEVELOPER/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 CONTROL MEASURES MAY RESULT IN CODE ENFORCEMENT VIOLATION.

- 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.

- DEVELOPER/CONTRACTOR/HOME OWNERS ASSOCIATION SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE POND(S) AT THE END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN STABILIZED AND AT THE END OF THE 2 YEAR WARRANTY PERIOD.

- CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW "AS-BUILT" CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, TOPO OF POND(S), OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

- THE OWNER OR HIS AGENT SHALL ARRANGE/SCHEDULE WITH THE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3434. AS-BUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/APPROVAL.

- CONTRACTOR TO NOTIFY SUNSHINE ONE UTILITIES TWO FULL BUSINESS DAYS IN ADVANCE (EXCLUDING WEEKENDS AND HOLIDAYS) PRIOR TO DIGGING WITHIN R/W; 1-800-432-4770.

- ALL ASPECTS OF THE STORMWATER/DRAINAGE COMPONENTS AND/OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.

- NO DEVIATIONS OR REVISIONS FROM THESE PLANS BY THE CONTRACTOR SHALL BE ALLOWED WITHOUT PRIOR APPROVAL FROM ECUA, THE DESIGN ENGINEER AND THE ESCAMBIA COUNTY. ANY DEVIATIONS MAY RESULT IN DELAYS IN COUNTY ACCEPTANCE OF IMPROVEMENTS.

- TO COMPLY WITH NPDES/NWFWM REQUIREMENTS, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT OR AT LEAST WEEKLY. THE CONTRACTOR SHALL DOCUMENT SUCH INSPECTIONS AND EROSION CONTROL MAINTENANCE EFFORTS; INSPECTION RECORDS SHALL BE PROVIDED TO THE NPDES/NWFWM PERMIT APPLICANT FOR PROPER REPORTING TO FDEP.

- CONTRACTOR IS REQUIRED TO VISIT THE SITE AND FAMILIARIZE HIM/HERSELF WITH THE PROJECT PRIOR TO BIDDING.

- CONTRACTOR BIDS SHOULD INCLUDE CLEARING AND GRUBBING OF THE PROPOSED R/W (AS WELL AS ANY OFFSITE AREAS NECESSARY FOR CONSTRUCTION OF PROPOSED IMPROVEMENTS) INCLUDING REMOVAL OF NON-HERITAGE TREES.

Approved: A. Hampton 8-10-22
Designer Date

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

DRAINAGE FEE

Imperv. Surf. 29620.0 Sq ft
Stormwater Ret. 0.10 % (F)
Total Drainage Fee \$ 148.10
Pond Maint. Fee: MSBU

ECUA Engineering Manual Reference Note
*Note shall be inserted in the upper right corner of this sheet.
*Applicable only to ECUA infrastructure to be constructed in public ROW or in utility easement; not to be applied to private water/sewer facilities on private property (see Building Code).

A. ECUA Engineering Manual Incorporated by Reference

The ECUA Engineering Manual, dated December 18, 2014, along with Update # 1 dated September 1, 2016 (hereinafter "Manual"), located at www.ecua.fl.gov, is hereby incorporated by reference into this Project's official contract documents as if fully set forth therein. It is the Contractor's responsibility to be knowledgeable of the Manual's contents and to construct the Project in accordance with the Manual. The Contractor shall provide its employees access to the Manual at all times, via Project site or office, via digital or paper format. In the event of a conflict between the Manual and Plans, Contractor shall consult Engineer of Record for proper resolution.

B. Additional Documents to be completed by the Engineer of Record

Does this Project have additional technical specifications or construction details that supplement and/or supersede the Manual listed above? **X** YES **NO**. If yes, Contractor shall construct Project in accordance with said documents as listed and located below:

Document Name	Document Type		Location	
	Specifi- cation	Detail	Plans	Project Manual*
D-20 1-1/2" LOW PRESSURE SEWER SERVICE	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

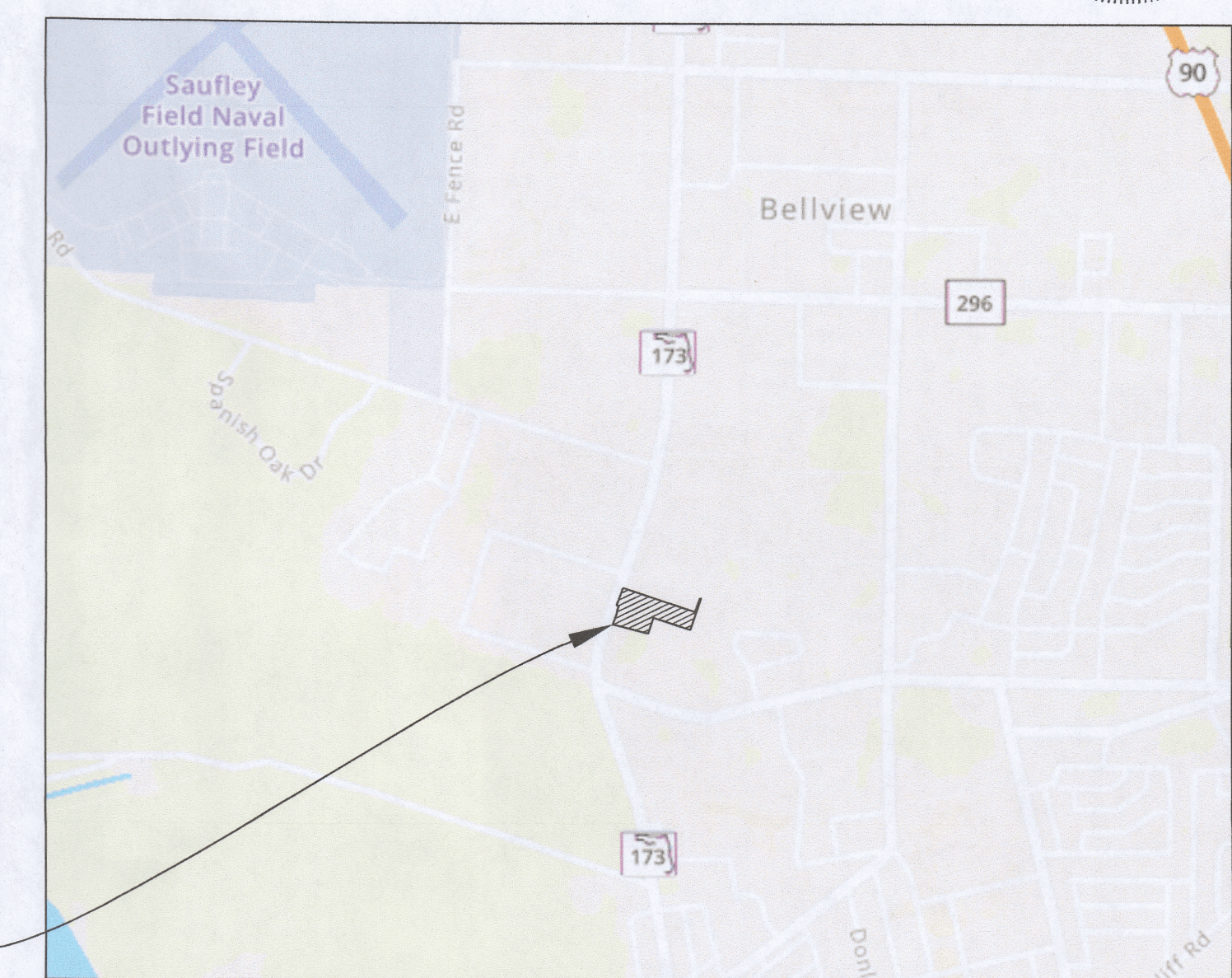
*Project Manuals used only with ECUA GP Projects

C. Engineer of Record Responsibilities

The Engineers of Record (EORs) that have affixed their seals and signatures on these plans warrant their portions of the plans have been designed in accordance with the Manual (unless otherwise directed by the ECUA Project Engineer). The EORs shall be knowledgeable of the Manual's contents and shall assume responsibility for its use on this Project.

EACH GRINDER PUMP SHALL BE CAPABLE OF DELIVERING A MINIMUM OF 21 GALLONS PER MINUTE (GPM) WHILE SUPPLYING AT LEAST 50 POUNDS PER SQUARE INCH (PSI) DISCHARGE PRESSURE. SHOULD ADDITIONAL FLOW OR PRESSURE BE REQUIRED, THEN THE PUMP(S) SHALL BE SIZED ACCORDINGLY.

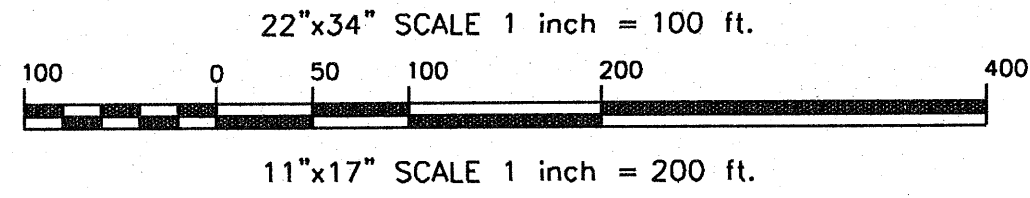
- CONTRACTOR SHALL NOTIFY THE ECUA, FDOT, NWFWM, THE ESCAMBIA COUNTY ENGINEER AND PROJECT ENGINEER OF RECORD AT LEAST 72 HOURS PRIOR TO THE COMMENCEMENT OF THIS PROJECT.
- PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWER, STORM DRAINS, WATER OR GAS PIPES, ELECTRICAL CONDUITS, POLES, WALLS, POSTS, ETC., ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED, UNLESS NOTED.
- THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, SEWER, CABLE TV, TELEPHONE AND POWER COMPANIES 10 DAYS IN ADVANCE, THAT HE INTENDS TO START WORK IN A SPECIFIC 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.
- LOCATION OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION BEFORE CONSTRUCTION. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF LOCATING, PRESERVING AND PROTECTING SAID UTILITY OR STRUCTURES.
- CONTRACTOR SHALL DISPOSE OF BY HAULING AWAY ALL EXCESS MATERIAL.
- CONTROL OF SEDIMENTATION AND EROSION SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR THE SEEDING AND MULCHING AND/OR SODDING OF STREET AND ROAD SHOULDER AREAS IN ACCORDANCE WITH REQUIREMENTS OF FDOT SPECIFICATIONS AND APPLICABLE COUNTY STANDARDS.
- WATER SUPPLY FACILITIES, INCLUDING MAINS, SHALL BE INSTALLED, CLEANED, DISINFECTED AND BACTERIOLOGICALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST APPLICABLE AWWA STANDARDS AND COORDINATED WITH ECUA.
- CONTRACTOR SHALL BE RESPONSIBLE FOR AND COMPLY WITH ANY TESTING REQUIRED BY THE LOCAL GOVERNING AGENCY IN ADDITION TO THE TESTING REQUIREMENTS OUTLINED IN THE SPECIFICATIONS.
- GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE.
- RELOCATION OF THE OBSTRUCTIONS OWNED BY PRIVATE PROPERTY OWNER, SUCH AS MAILBOXES, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR WHO MUST COORDINATE WITH THE PROPERTY OWNER.
- AS PER ESCAMBIA COUNTY LDC DSM 2-1/6(d), NO STREETS OR ROADS UNDER THE TWO YEAR WARRANTY WILL BE ALLOWED TO BE OPEN CUT, OR JACK-AND-BORE. CONDUITS ARE TO BE INSTALLED FOR ALL ROADWAY CROSSINGS PRIOR TO FINAL PLAT APPROVAL.



PROJECT
LOCATION

GRAPHIC SCALE
2000 0 1000 2000
(IN FEET)
1 inch = 2000 ft.

GRAPHIC SCALE



LINE	LENGTH	BEARING
L1	10.00'	N70°37'15"W
L2	10.00'	S71°42'29"E

BENCHMARK DATA:

BM-1 NAIL AND DISK IN ASPHALT ROAD
ELEVATION= 73.37' (NAVD88)

BM-2 NAIL AND DISK IN ASPHALT ROAD
ELEVATION= 73.55' (NAVD88)

DENOTES:

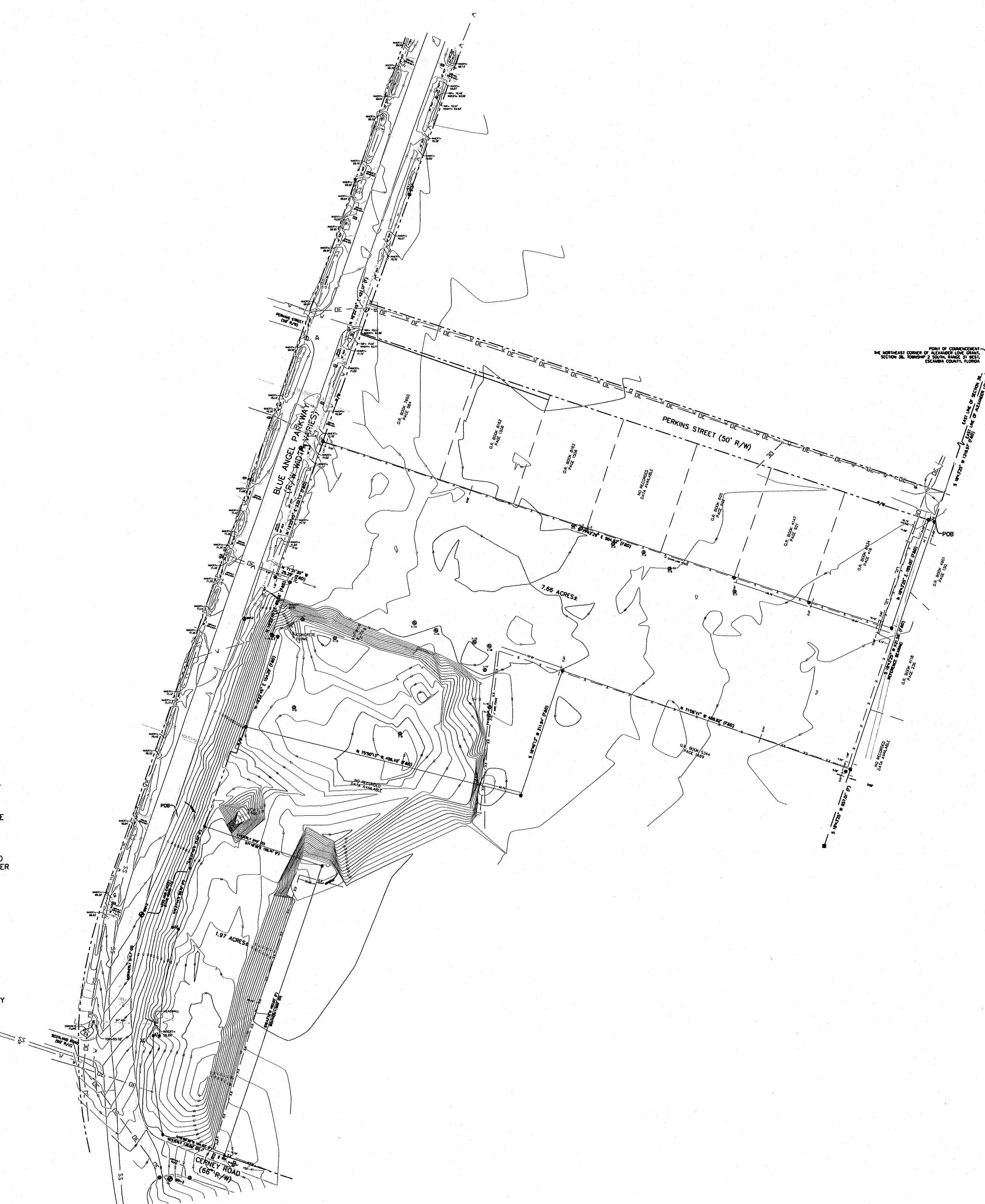
- ⊙ ~ 1/2" CAPPED IRON ROD, NUMBERED 7277 (PLACED)
- ⊙ ~ 1/2" CAPPED IRON ROD, ILLEGIBLE (FOUND)
- ⊙ ~ 1/2" IRON ROD, UNNUMBERED (FOUND)
- ⊙ ~ 1" IRON PIPE, UNNUMBERED (FOUND)
- ~ 4" SQUARE CONCRETE MONUMENT, UNNUMBERED (FOUND)
- (D) ~ DEED INFORMATION
- (F) ~ FIELD INFORMATION
- R/W ~ RIGHT OF WAY
- P.O.B. ~ POINT OF BEGINNING
- O.R. ~ OFFICIAL RECORD
- ~ PAGE
- ~ WATER METER
- ~ WATER VALVE
- ~ FIRE HYDRANT
- ~ STORM WATER INLET
- ~ BACK FLOW PREVENTION DEVICE
- ~ FIBER OPTIC CABLE JUNCTION
- ~ UTILITY POLE
- ~ GUY ANCHOR
- ~ GAS VALVE
- ~ MAIL BOX
- ~ STOP SIGN
- ~ STREET SIGN
- ~ UNMARKED GREEN BOX

SPECIAL LINES:

- ~ STORM WATER PIPE
- ~ SANITARY SEWER FORCE MAIN
- ~ WATER SERVICE LINE
- ~ OVERHEAD ELECTRICAL

GENERAL NOTES:

- THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN DATUM 1983, STATE PLANE MAPPING ZONE FLORIDA NORTH 0903, LAMBERT PROJECTION AS ESTABLISHED ALONG THE EAST LINE OF THE SUBJECT PROPERTY HAVING A BEARING OF SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST.
- THE SURVEY DATUM AS SHOWN HEREON IS REFERENCED TO DEEDS OF RECORD AND TO EXISTING FIELD MONUMENTATION.
- NO TITLE SEARCH WAS PROVIDED TO NOR PERFORMED BY NORTHWEST FLORIDA LAND SURVEYING, INC., FOR THE SUBJECT PROPERTY. THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, STATE AND/OR FEDERAL JURISDICTIONAL AREAS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE SUBJECT PROPERTY.
- THE PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE "X", OUTSIDE 0.2% ANNUAL CHANCE OF FLOOD, AS DETERMINED FROM FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA (UNINCORPORATED AREAS), MAP NUMBER 12033C 0355 G, REVISED SEPTEMBER 29, 2006.
- THIS SURVEY DOES NOT DETERMINE OWNERSHIP.
- THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 5J-17.051 - 5J-17.053 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, TO THE BEST OF MY KNOWLEDGE AND BELIEF.
- THE MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS.
- THE MEASUREMENTS OF THE BUILDINGS AND/OR FOUNDATIONS SHOWN HEREON DO NOT INCLUDE CONCRETE FOOTERS OR EAVE OVERHANGS.
- FENCE LOCATIONS SHOWN HEREON MAY BE EXAGGERATED AND NOT TO SCALE FOR CLARITY PURPOSES
- FEDERAL AND STATE COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED IN WHOLE OR PART AND IS NOT TO BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM, WITHOUT PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER, FRED R. THOMPSON, AND IS TO BE RETURNED TO OWNER UPON REQUEST.
- THIS DOCUMENT MUST BE COMPARED TO THE ORIGINAL HARD COPY ISSUED ON THE SURVEY DATE WITH A RAISED SEAL TO INSURE THE ACCURACY OF THE INFORMATION AND TO FURTHER INSURE THAT NO CHANGES, ALTERATIONS OR MODIFICATIONS HAVE BEEN MADE. NO RELIANCE SHOULD BE MADE ON A DOCUMENT TRANSMITTED BY COMPUTER OR OTHER ELECTRONIC MEANS UNLESS FIRST COMPARED TO THE ORIGINAL SIGNED AND SEALED DOCUMENT.
- THIS SURVEY MAY BE SUBJECT TO ADDITIONAL REQUIREMENTS BY COUNTY, STATE OR OTHER AGENCIES.
- ENCROACHMENTS ARE AS SHOWN.
- THE ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988, FROM ESCAMBIA COUNTY GEODETIC CONTROL POINT STAMPED "ESC 4075" HAVING A PUBLISHED ELEVATION OF 109.05 FEET. BASED ON ESCAMBIA COUNTY, FLORIDA GPS NETWORK SURVEY PERFORMED BY BASKERVILLE DONOVAN, INC. DATED 10/15/97.
- CALL 811 SUNSHINE UTILITY LOCATORS 48 HOURS PRIOR TO DIGGING WITHIN THE RIGHT OF WAY.
- THE PURPOSE OF THIS SURVEY IS TO RETRACE AND MONUMENT THE DEED OF RECORD ON THE GROUND AS WELL AS LOCATE ON SITE IMPROVEMENTS, EVIDENCE OF POSSESSION, AND ENCROACHMENTS TO BE SHOWN ON THE SURVEY TO SCALE AND THEIR RELATIONSHIP TO THE BOUNDARY. IN ADDITION, TOPOGRAPHIC DATA WAS COLLECTED ON SITE AND WITHIN THE RIGHT OF WAY OF BLUE ANGEL PARKWAY 660 FEET TO THE NORTH OF THE SITE AND 660 FEET TO THE SOUTH OF THE SITE. UTILITIES SHOWN HEREON ARE BASED ON FIELD OBSERVATION AND INFORMATION PROVIDED BY OTHERS.



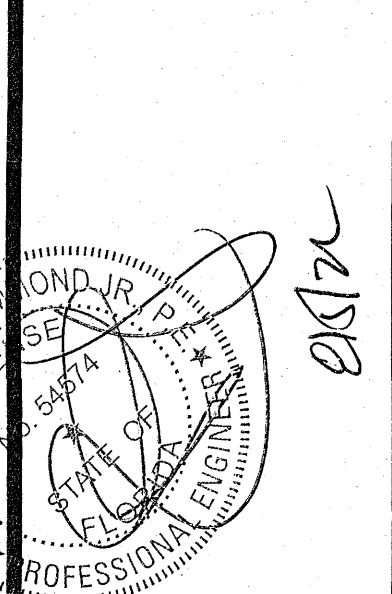
DESCRIPTION AS PREPARED BY NORTHWEST FLORIDA LAND SURVEYING, INC.
NEW PARCEL CREATED AT THE CLIENT'S REQUEST
DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF ALEXANDER LOVE GRANT, SECTION 36, TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE GO SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST ALONG THE EAST LINE OF THE ALEXANDER LOVE GRANT FOR A DISTANCE OF 1319.97 FEET TO AN INTERSECTION WITH THE SOUTH RIGHT OF WAY LINE OF PERKINS STREET (50' R/W) AND THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST ALONG THE EAST LINE OF THE ALEXANDER LOVE GRANT FOR A DISTANCE OF 421.59 FEET TO THE NORTHEAST CORNER OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 5344 AT PAGE 1689 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; THENCE GO NORTH 71 DEGREES 06 MINUTES 41 SECONDS WEST ALONG THE NORTH LINE THEREOF FOR A DISTANCE OF 489.82 FEET TO THE NORTHWEST CORNER OF SAID PARCEL OF LAND; THENCE GO SOUTH 18 DEGREES 46 MINUTES 13 SECONDS WEST ALONG THE WEST LINE THEREOF FOR A DISTANCE OF 211.94 FEET; THENCE GO NORTH 75 DEGREES 50 MINUTES 13 SECONDS WEST FOR A DISTANCE OF 456.40 FEET TO AN INTERSECTION WITH THE EASTERLY RIGHT OF WAY LINE OF BLUE ANGEL PARKWAY (R/W WIDTH VARIES); THENCE GO NORTH 19 DEGREES 22 MINUTES 45 SECONDS EAST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 154.29 FEET; THENCE GO NORTH 70 DEGREES 37 MINUTES 15 SECONDS WEST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 10.00 FEET; THENCE GO NORTH 19 DEGREES 22 MINUTES 45 SECONDS EAST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 89.66 FEET; THENCE GO NORTH 71 DEGREES 31 MINUTES 30 SECONDS WEST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 25.29 FEET; THENCE GO NORTH 19 DEGREES 22 MINUTES 45 SECONDS EAST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 232.13 FEET TO THE SOUTHWEST CORNER OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 7650 AT PAGE 584 OF THE PUBLIC RECORDS OF SAID COUNTY; THENCE GO SOUTH 71 DEGREES 42 MINUTES 29 SECONDS EAST ALONG THE SOUTH LINE THEREOF AND AN EASTERLY PROJECTION FOR A DISTANCE OF 964.82 FEET; THENCE GO NORTH 18 DEGREES 43 MINUTES 25 SECONDS EAST FOR A DISTANCE OF 185.00 FEET TO AN INTERSECTION WITH THE AFORESAID SOUTH RIGHT OF WAY LINE OF PERKINS STREET; THENCE GO SOUTH 71 DEGREES 42 MINUTES 29 SECONDS EAST ALONG SAID THE SOUTH RIGHT OF WAY LINE OF SAID PERKINS STREET FOR A DISTANCE OF 10.00 FEET TO THE POINT OF BEGINNING. THE ABOVE DESCRIBED PARCEL OF LAND IS SITUATED IN A PORTION OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA AND CONTAINS 7.66 ACRES MORE OR LESS.

DESCRIPTION AS FURNISHED: (TAX DESCRIPTION)
BEGIN AT THE NORTHEAST CORNER OF SECTION 36, TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA; THENCE WESTERLY ALONG THE NORTH LINE OF SAID SECTION 1002 FEET TO A POINT; THENCE SOUTHERLY PARALLEL TO THE EAST LINE OF SAID SECTION 2107 FEET TO THE CENTERLINE OF EXISTING COUNTY ROAD FOR POINT OF BEGINNING; THENCE EASTERLY AT RIGHT ANGLE TO LINE JUST RUN 245 FEET TO A POINT; THENCE SOUTHERLY AT RIGHT ANGLE TO LINE JUST RUN FOR 500 FEET TO A POINT; THENCE WESTERLY AT RIGHT ANGLE 136 FEET TO A POINT ON THE CENTERLINE OF A COUNTY ROAD; THENCE NORTHERLY ALONG CENTERLINE OF ROAD 517.7 FEET TO POINT OF BEGINNING. LESS STATE ROAD 173.

NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECIA REVIEW COMMENTS
2.	07/07/2021	AS PER ECIA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FOOT BRIDGE REVIEW COMMENTS
5.	10/06/2021	AS PER FOOT BRIDGE REVIEW COMMENTS
6.	4/15/2022	AS PER INWARD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
FAX 850-434-2650
TOM@SELANDESIGN.COM



DESIGNED BY: JWCY	DATE: AUGUST 2022	NOT RELEASED FOR CONSTRUCTION
CHECKED BY: TGH	SCALE: AS SHOWN	BY:
PROJECT NO: 19-047	SHEET: C2A	DATE:

GRAPHIC SCALE

22"x34" SCALE 1 inch = 50 ft.



11"x17" SCALE 1 inch = 100 ft.

Legend for existing and proposed materials: ASPHALT, GRAVEL, CONCRETE, ASPHALT FDOT WIDENING.

DENOTES:

- List of symbols for various features: capped iron rod, iron rod, utility pole, gas valve, etc.

Tree Chart table with columns: TREE #, SIZE, TYPE, SPREAD, NOTES.

NOTE: ALL TREE PROTECTION BARRICADES & MEASURES SHALL BE ADEQUATELY INSTALLED PRIOR TO ANY LAND DISTURBING & SITE DEVELOPMENT ACTIVITIES & MAINTAINED IN GOOD WORKING ORDER PER ISA 08P5 UNTIL ALL CONSTRUCTION COMPLETE & SITE IS STABILIZED.

- SPECIAL LINES: OVERHEAD ELECTRICAL, WELLHEAD PROTECTION LIMIT.

- Abbreviations for RIGHT OF WAY, POINT OF TANGENCY, POINT OF CURVATURE, etc.

DEVELOPMENT DATA:

PARCEL ID #: 36-25-31-1007-000-000. ADDRESS: 5250 BLUE ANGEL PKWY, 32526. TOTAL BOUNDARY AREA = 333,544 SQUARE FEET (7.66 ACRES).

BUILDING REQUIREMENTS FOR MDR ZONE:

- DENSITY: A MAXIMUM DENSITY OF TEN DWELLING UNITS PER ACRE. FLOOR AREA RATIO: A MAXIMUM FLOOR AREA RATIO OF 1.0 WITHIN MU-S FLU.

NOTE: ALL SIDEWALK, CURB RAMPS AND DRIVEWAYS MUST BE BUILT TO THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION DESIGN STANDARDS, ADA, AND FROWAG.

1. THE BEARINGS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN DATUM 1983, STATE PLANE MAPPING ZONE FLORIDA NORTH 0903, LAMBERT PROJECTION AS ESTABLISHED ALONG THE EAST LINE OF THE SUBJECT PROPERTY HAVING A BEARING OF SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST.

2. THE SURVEY DATUM AS SHOWN HEREON IS REFERENCED TO DEEDS OF RECORD AND TO EXISTING FIELD MONUMENTATION.

3. NO TITLE SEARCH WAS PROVIDED TO NOR PERFORMED BY NORTHWEST FLORIDA LAND SURVEYING, INC., FOR THE SUBJECT PROPERTY, THERE MAY BE DEEDS OF RECORD, UNRECORDED DEEDS, EASEMENTS, RIGHTS-OF-WAY, STATE AND/OR FEDERAL JURISDICTIONAL AREAS OR OTHER INSTRUMENTS WHICH COULD AFFECT THE SUBJECT PROPERTY.

4. THE PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE "X", OUTSIDE 0.2% ANNUAL CHANCE OF FLOOD, AS DETERMINED FROM FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA (UNINCORPORATED AREAS), MAP NUMBER 12033C 0355 G, REVISED SEPTEMBER 29, 2006.

5. THIS SURVEY DOES NOT DETERMINE OWNERSHIP.

6. THIS SURVEY MEETS THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL LAND SURVEYORS IN CHAPTER 51-17.051-51-17.053 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, TO THE BEST OF MY KNOWLEDGE AND BELIEF.

7. THE MEASUREMENTS AS SHOWN HEREON WERE MADE TO UNITED STATES STANDARDS.

8. THE MEASUREMENTS OF THE BUILDINGS AND/OR FOUNDATIONS SHOWN HEREON DO NOT INCLUDE CONCRETE FOOTERS OR EAVE OVERHANGS.

9. FENCE LOCATIONS SHOWN HEREON MAY BE EXAGGERATED AND NOT TO SCALE FOR CLARITY PURPOSES.

10. FEDERAL AND STATE COPYRIGHT ACTS PROTECT THIS MAP FROM UNAUTHORIZED USE. THIS MAP IS NOT TO BE COPIED OR REPRODUCED IN WHOLE OR IN PART AND IS NOT TO BE USED FOR THE BENEFIT OF ANY OTHER PERSON, COMPANY OR FIRM WITHOUT PRIOR WRITTEN CONSENT OF THE COPYRIGHT OWNER, FRED R. THOMPSON, AND IS TO BE RETURNED TO OWNER UPON REQUEST.

11. THIS DOCUMENT MUST BE COMPARED TO THE ORIGINAL HARD COPY ISSUED ON THE SURVEY DATE WITH A RAISED SEAL TO INSURE THE ACCURACY OF THE INFORMATION AND TO FURTHER INSURE THAT NO CHANGES, ALTERATIONS OR MODIFICATIONS HAVE BEEN MADE. NO RELIANCE SHOULD BE MADE ON A DOCUMENT TRANSMITTED BY COMPUTER OR OTHER ELECTRONIC MEANS UNLESS FIRST COMPARED TO THE ORIGINAL SIGNED AND SEALED DOCUMENT.

12. THIS SURVEY MAY BE SUBJECT TO ADDITIONAL REQUIREMENTS BY COUNTY, STATE OR OTHER AGENCIES.

13. ENCROACHMENTS ARE AS SHOWN.

14. THE ELEVATIONS AS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988, FROM ESCAMBIA COUNTY GEODETIC CONTROL POINT STAMPED "ESC 4072" HAVING A PUBLISHED ELEVATION OF 109.05 FEET (BASED ON ESCAMBIA COUNTY, FLORIDA GPS NETWORK SURVEY PERFORMED BY BASKERVILLE DONOVAN, INC. DATED 10/15/97).

15. UTILITIES SHOWN HEREON ARE BASED ON FIELD OBSERVATION AND INFORMATION PROVIDED BY OTHERS.

CALL 811 SUNSHINE UTILITY LOCATORS 48 HOURS PRIOR TO DIGGING WITHIN THE RIGHT OF WAY. (1-800-432-4770)

DESCRIPTION AS PREPARED BY NORTHWEST FLORIDA LAND SURVEYING, INC. NEW PARCEL CREATED AT THE CLIENT'S REQUEST DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF ALEXANDER LOVE GRANT, SECTION 36, TOWNSHIP 2 SOUTH, RANGE 31 WEST, ESCAMBIA COUNTY, FLORIDA. THENCE GO SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST ALONG THE EAST LINE OF THE ALEXANDER LOVE GRANT FOR A DISTANCE OF 1319.97 FEET TO AN INTERSECTION WITH THE SOUTH RIGHT OF WAY LINE OF PERKINS STREET (50' R/W) AND THE POINT OF BEGINNING. THENCE CONTINUE SOUTH 18 DEGREES 43 MINUTES 25 SECONDS WEST ALONG THE EAST LINE OF THE ALEXANDER LOVE GRANT FOR A DISTANCE OF 421.59 FEET TO THE NORTHEAST CORNER OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 5344 AT PAGE 4689 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; THENCE GO NORTH 71 DEGREES 06' 41" SECONDS WEST ALONG THE NORTH LINE THEREOF FOR A DISTANCE OF 489.82 FEET TO THE NORTHWEST CORNER OF SAID PARCEL OF LAND; THENCE GO SOUTH 18 DEGREES 46' 13" SECONDS WEST ALONG THE WEST LINE THEREOF FOR A DISTANCE OF 211.94 FEET; THENCE GO NORTH 75 DEGREES 50' 13" SECONDS WEST FOR A DISTANCE OF 456.40 FEET TO AN INTERSECTION WITH THE EASTERLY RIGHT OF WAY LINE OF BLUE ANGEL PARKWAY (R/W WITH VARIES); THENCE GO NORTH 19 DEGREES 22' 45" SECONDS EAST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 154.29 FEET; THENCE GO NORTH 70 DEGREES 37' 15" SECONDS WEST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 10.00 FEET; THENCE GO NORTH 19 DEGREES 22' 45" SECONDS EAST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 89.66 FEET; THENCE GO NORTH 71 DEGREES 31' 15" SECONDS WEST ALONG THE EASTERLY RIGHT OF WAY LINE OF SAID BLUE ANGEL PARKWAY FOR A DISTANCE OF 25.29 FEET; THENCE GO NORTH 19 DEGREES 22' 45" SECONDS EAST ALONG THE

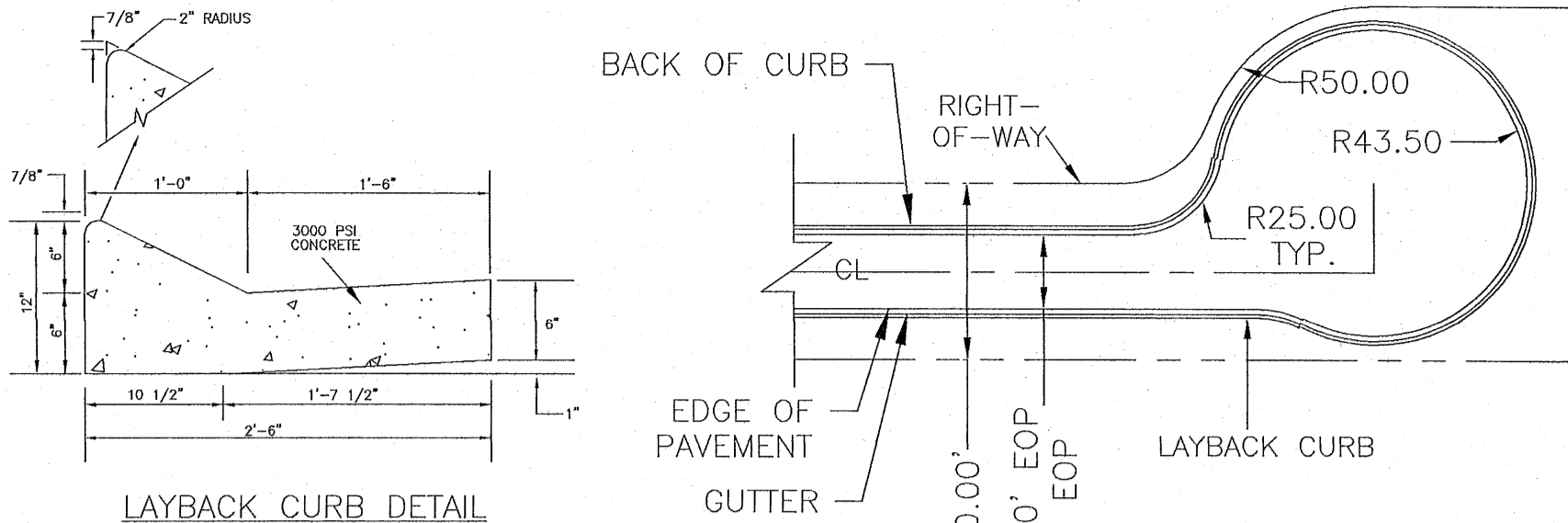
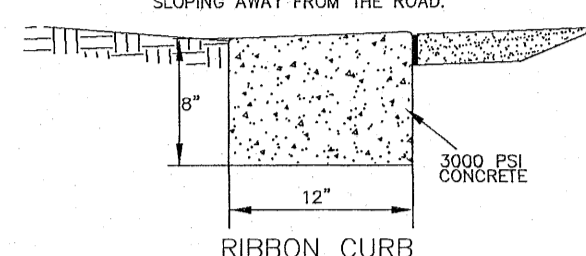
PROPERTY LINE TABLE

Table with columns: LINE, LENGTH, BEARING. L1: 10.00', N70°37'15"W. L2: 10.00', S71°42'29"E.

Curve Table

Table with columns: Curve #, Length, Radius, Delta. C1: 39.48, 25.00, 90. C2: 14.72, 25.00, 34. C3: 16.04, 25.00, 37. C4: 54.69, 50.00, 63. C5: 6.83, 50.00, 8.

NOTE: RIBBON CURB SHALL HAVE A 1" RELIEF SLOPE ACROSS THE TOP SLOPING AWAY FROM THE ROAD.



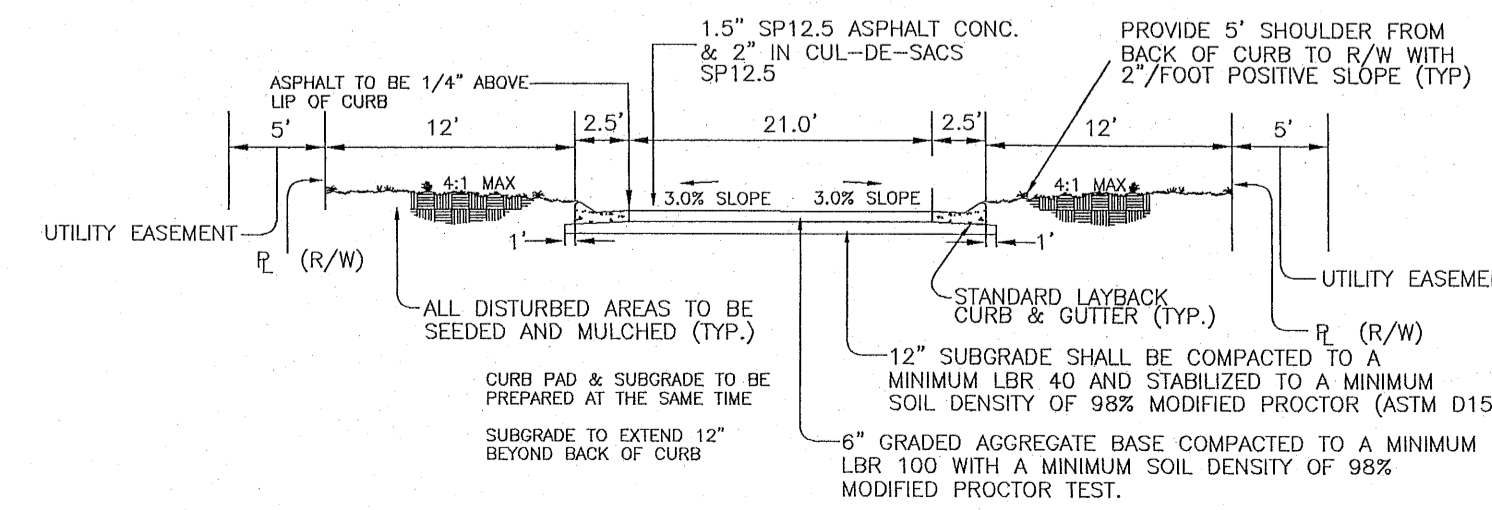
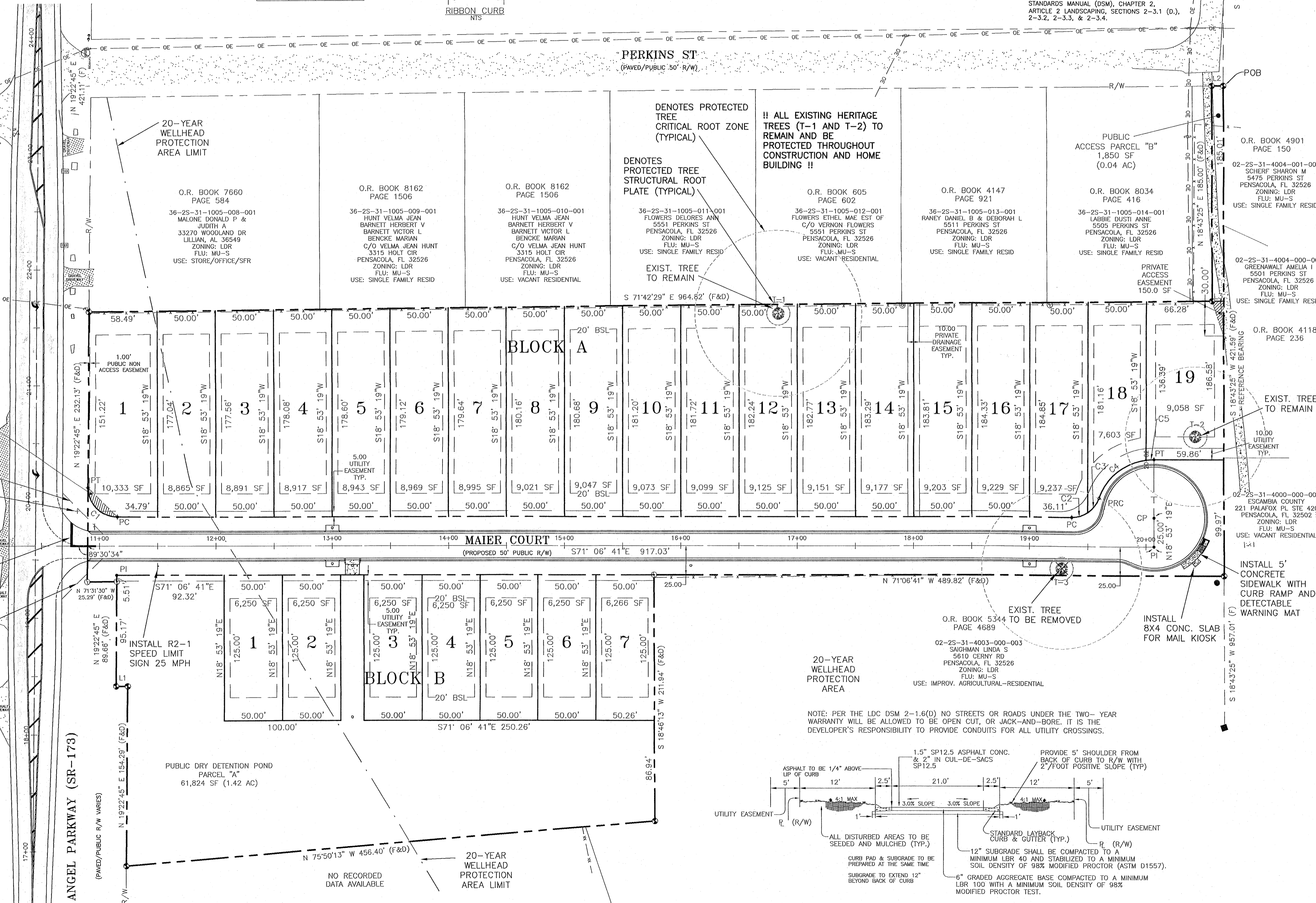
LAYBACK CURB DETAIL NTS

CUL-DE-SAC DETAIL

NTS

NOTE: THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOURS OF PROTECTED (POTABLE) WELLHEADS. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, CLEANING PRODUCTS, CHEMICALS, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ECUA - EMERALD COAST UTILITIES AUTHORITY (850) 476-5110 AND ESCAMBIA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 595-6712) AGENCIES.

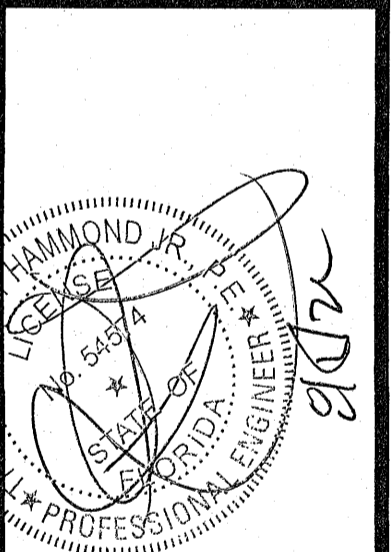
NOTE: TWO OF THE HERITAGE TREES SHOWN (T-1 AND T-2) SHALL REMAIN UNMAYNUTED, PROTECTED & PRESERVED ON SITE (ROOTS & CANOPIES INCLUDED) PER ALL APPLICABLE STANDARDS OUTLINED IN ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE & DESIGN STANDARDS MANUAL (DSM), CHAPTER 2, ARTICLE 2 LANDSCAPING, SECTIONS 2-3.1 (D), 2-3.2, 2-3.3, & 2-3.4.



TYPICAL STREET AND GUTTER STREET CROSS-SECTION NTS

Revision table with columns: NO., DATE, REVISIONS.

Hammond Engineering, Inc. logo and contact information: 3802 NORTH 16th STREET, PENSACOLA, FLORIDA 32505. Phone: 850-434-2603. Fax: 850-434-2650.



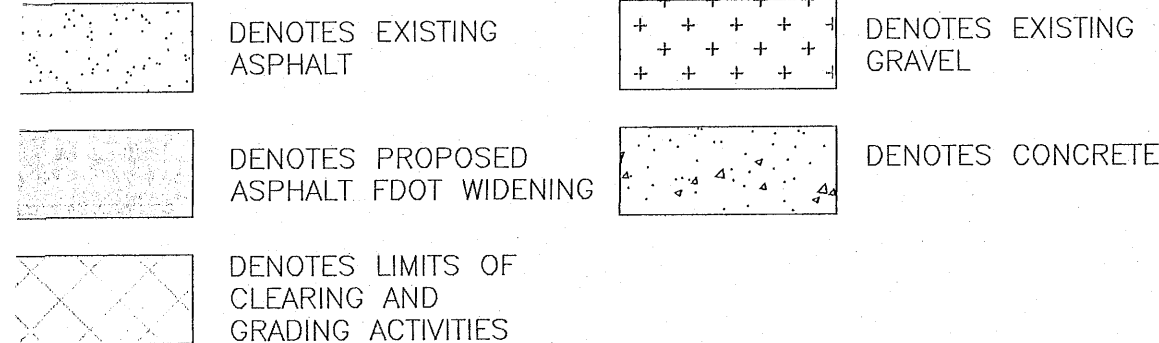
Construction plans for Forest Hollow Dimension and Staking Plan. Project No: 19-047. Sheet: C2.

GRAPHIC SCALE

22"x34" SCALE 1 inch = 50 ft.

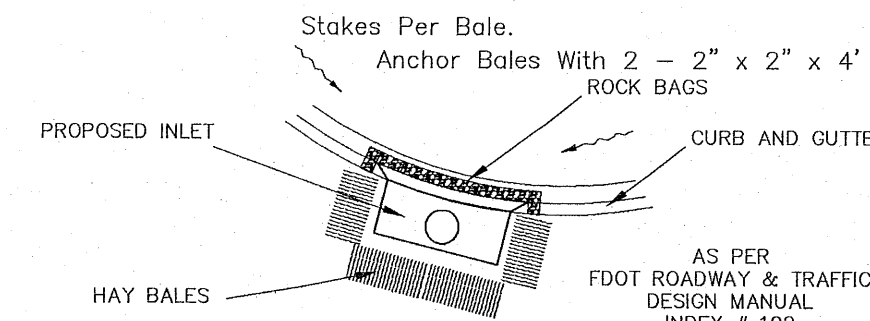
11"x17" SCALE 1 inch = 100 ft.

DENOTES:



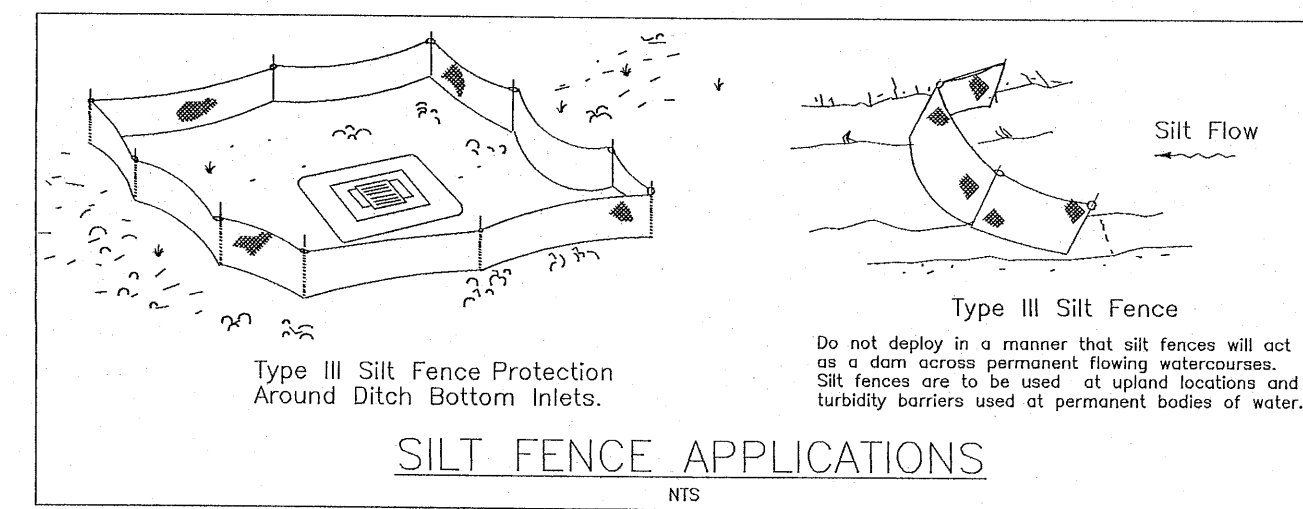
NOTES:

- CONTRACTOR RESPONSIBLE FOR OBTAINING AND IMPLEMENTING A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AS PER FDEP STANDARDS.
- THE EROSION AND SEDIMENT CONTROL RULES ARE PERFORMANCE ORIENTED. THAT IS, THE MEASURES USED AT A CONSTRUCTION SITE MUST BE EFFECTIVE IN CONTROLLING EROSION AND PREVENTING OFF-SITE SEDIMENTATION FOR THE SITE TO BE IN COMPLIANCE. FOLLOWING AN APPROVED PLAN AND INSTALLING THE CONTROL MEASURES MAY NOT BE ENOUGH FOR A SITE TO BE IN COMPLIANCE WITH THE RULES. IF EROSION AND OFF-SITE SEDIMENTATION OCCUR, THE CONTRACTOR WILL BE RESPONSIBLE FOR INSTALLING ADDITIONAL MEASURES TO CORRECT ANY PROBLEM ASSOCIATED WITH COMPLIANCE OF THE NPDES PERMIT OR ANY OTHER PERMIT REQUIRED FOR THE SITE CONSTRUCTION. THE CONTRACTOR WILL ALSO BE COMPLETELY RESPONSIBLE FOR ANY FINES LEVIED BY ANY GOVERNING AGENCY ON THE PROJECT DURING CONSTRUCTION.
- EROSION CONTROL MEASURES SHOWN ARE MINIMUM REQUIREMENTS ONLY. CONTRACTOR SHALL REINFORCE AND/OR ADD ADDITIONAL MEASURES AS CONDITIONS WARRANT AND/OR AS DIRECTED BY THE PROPER REGULATORY AUTHORITIES.



SILT SAVER FRAME AND FILTER ASSEMBLY

NTS
TYPICAL ALL ROADSIDE INLETS (DOUBLE A & TYPE A)



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.

- NOTES:**
- 1/2" CAPPED IRON ROD, NUMBERED 7277 (PLACED)
 - 1/2" CAPPED IRON ROD, ILLEGIBLE (FOUND)
 - 1/2" IRON ROD, UNNUMBERED (FOUND)
 - 1" IRON PIPE, UNNUMBERED (FOUND)
 - 4" SQUARE CONCRETE MONUMENT, UNNUMBERED (FOUND)
 - EXISTING WATER METER
 - EXISTING WATER VALVE
 - FIRE HYDRANT
 - STORM WATER INLET
 - BACK FLOW PREVENTION DEVICE
 - FIBER OPTIC CABLE JUNCTION
 - UTILITY POLE
 - GUY ANCHOR
 - GAS VALVE
 - MAIL BOX
 - STREET SIGN
 - UNMARKED GREEN BOX

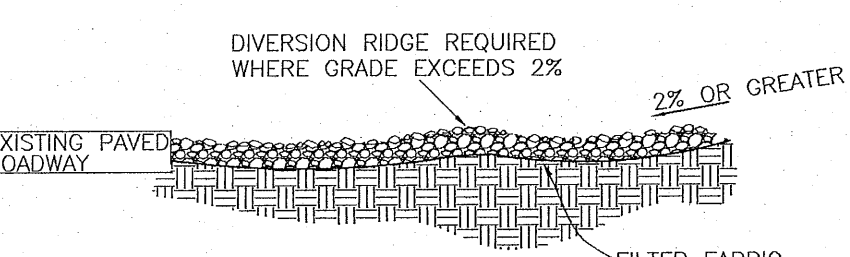
- SPECIAL LINES:**
- OVERHEAD ELECTRICAL
 - WELLHEAD PROTECTION LIMIT

EROSION CONTROL NOTES

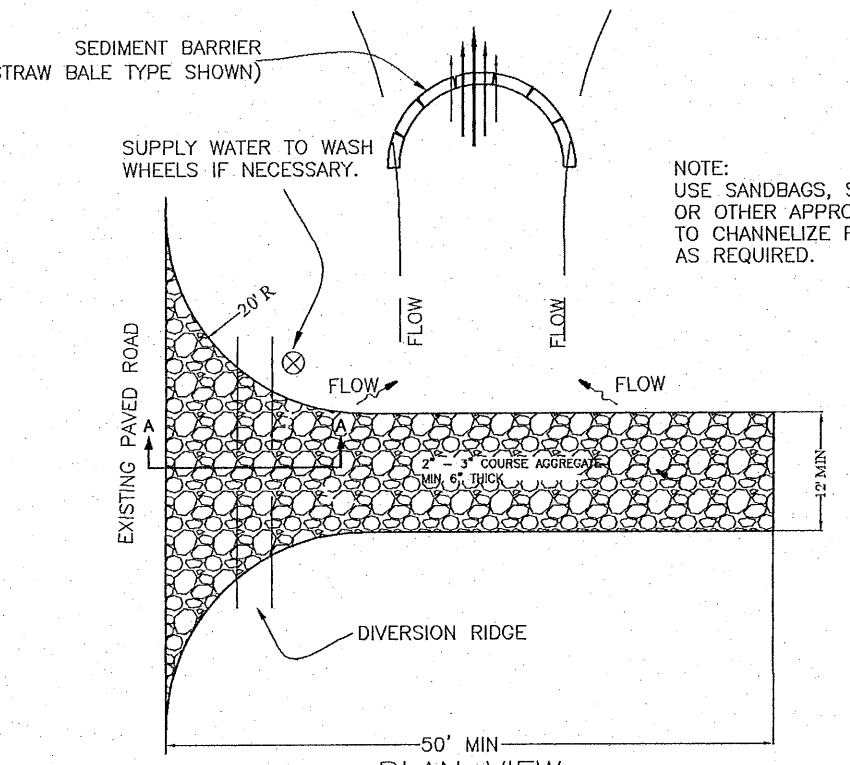
A HEALTHY GROWTH OF GRASS WITHIN THE DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY APPROVAL/ACCEPTANCE. IF TIME CONSTRAINTS EXIST DURING THE FINAL PLAT APPROVAL AND ACCEPTANCE PROCESS, A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED WILL BE ACCEPTABLE.

SAG FILTERS IN CURB THROATS ARE NOT AN ALLOWABLE SEDIMENT CONTROL METHOD.

NOTE: TWO OF THE HERITAGE TREES SHOWN (T-1 AND T-2) SHALL REMAIN UNIMPACTED, PROTECTED & PRESERVED ON-SITE (ROOTS & CANOPIES INCLUDED) PER ALL APPLICABLE STANDARDS OUTLINED IN ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE & DESIGN STANDARDS MANUAL (DSM), CHAPTER 2, ARTICLE 2 LANDSCAPING, SECTIONS 2-3.1 (D), 2-3.2, 2-3.3, & 2-3.4.



SECTION A-A
TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

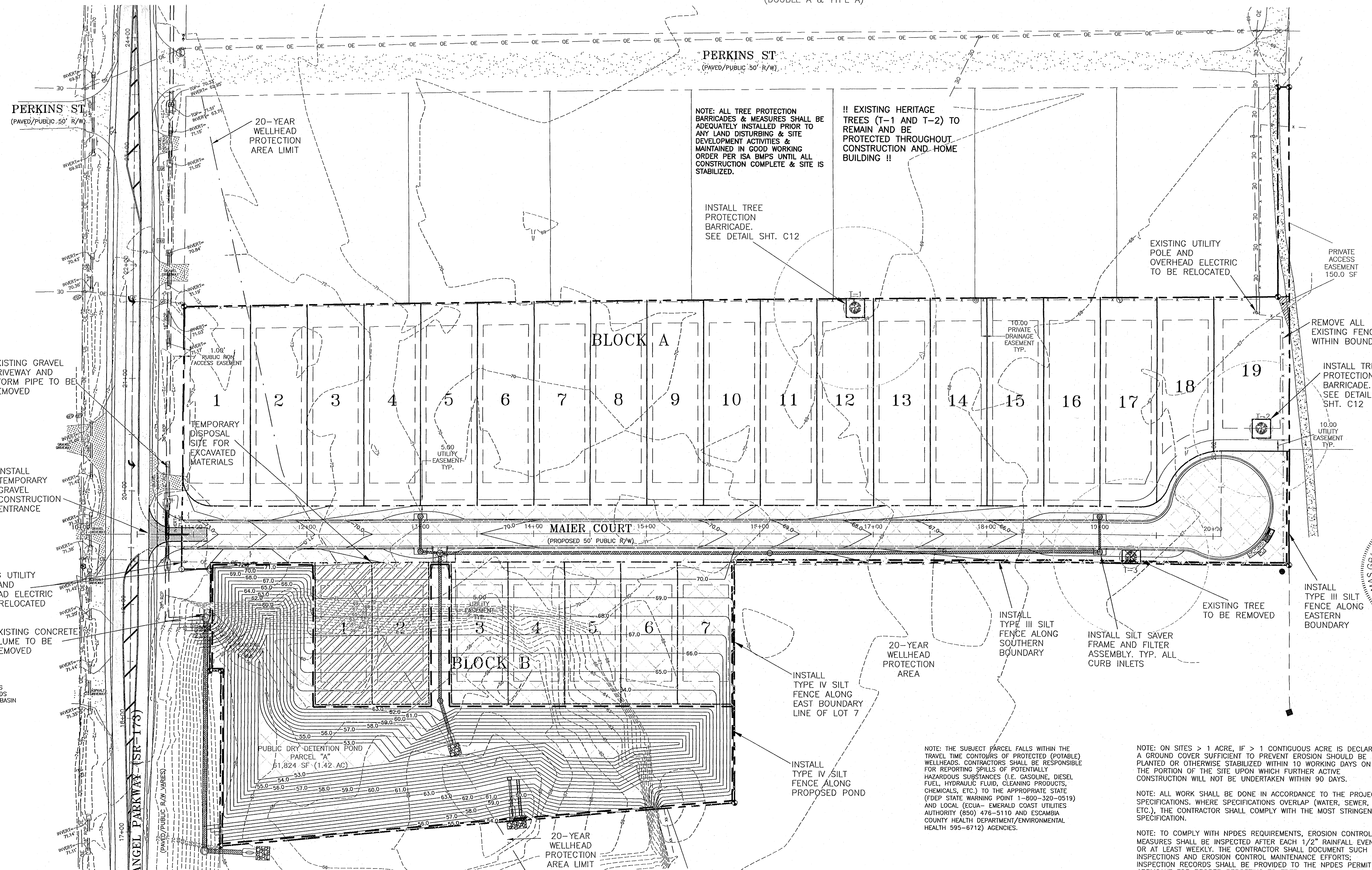


NOTE:

- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

Off-site vehicle tracking of sediments and the generation of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Off-site sediment removal should be conducted at a frequency necessary to minimize impacts. Vehicle wash area should be considered if off-site tracking becomes excessive.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE TO BE CONSTRUCTED AT ALL DESIGNATED CONSTRUCTION ENTRANCES AND EXITS.



EXISTING GRAVEL DRIVEWAY AND STORM PIPE TO BE REMOVED

INSTALL TEMPORARY GRAVEL CONSTRUCTION ENTRANCE

EXISTING UTILITY POLES AND OVERHEAD ELECTRIC TO BE RELOCATED

EXISTING CONCRETE FLUME TO BE REMOVED

NOTE: ALL TREE PROTECTION BARRICADES & MEASURES SHALL BE ADEQUATELY INSTALLED PRIOR TO ANY LAND DISTURBING & SITE DEVELOPMENT ACTIVITIES & MAINTAINED IN GOOD WORKING ORDER PER ISA BMPs UNTIL ALL CONSTRUCTION COMPLETE & SITE IS STABILIZED.

!! EXISTING HERITAGE TREES (T-1 AND T-2) TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION AND HOME BUILDING !!

INSTALL TREE PROTECTION BARRICADE. SEE DETAIL SHT. C12

EXISTING UTILITY POLE AND OVERHEAD ELECTRIC TO BE RELOCATED

PRIVATE ACCESS EASEMENT 150.0 SF

REMOVE ALL EXISTING FENCES WITHIN BOUNDARY

INSTALL TREE PROTECTION BARRICADE. SEE DETAIL SHT. C12

10.00 UTILITY EASEMENT TYP.

INSTALL TYPE III SILT FENCE ALONG EASTERN BOUNDARY

INSTALL TYPE IV SILT FENCE ALONG EAST BOUNDARY LINE OF LOT 7

INSTALL SILT SAVER FRAME AND FILTER ASSEMBLY TYP. ALL CURB INLETS

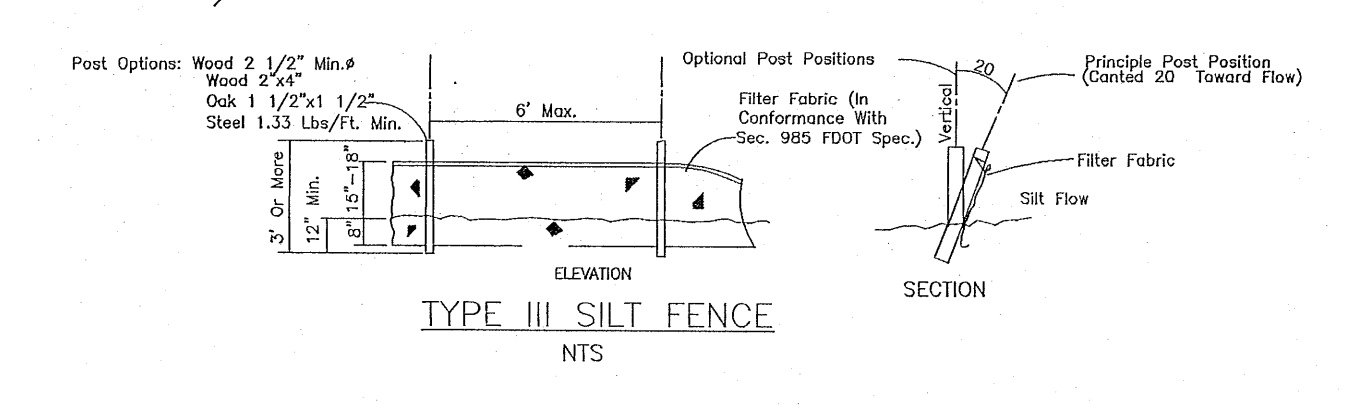
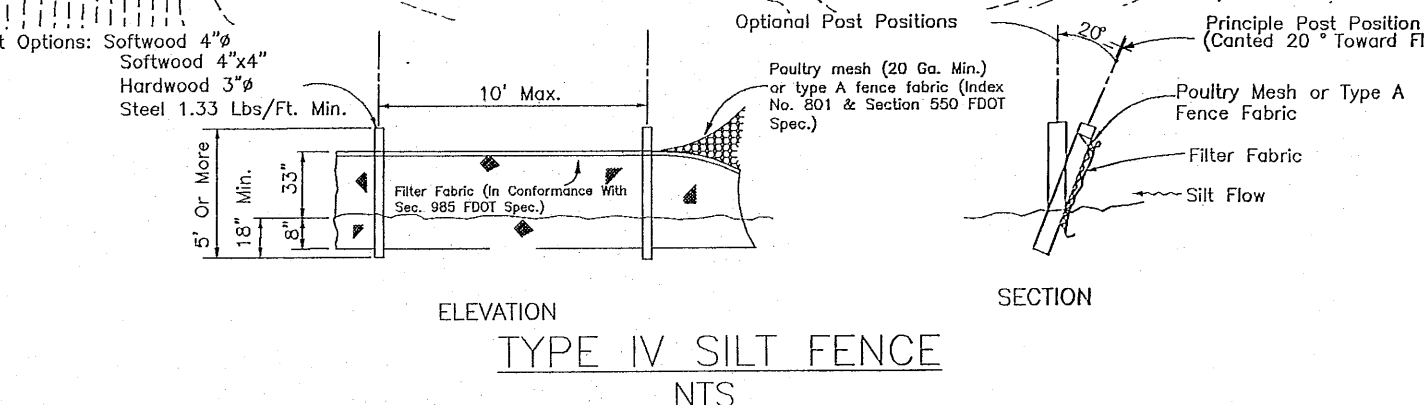
NOTE: THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOURS OF PROTECTED (POTABLE) WELLHEADS. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, CLEANING PRODUCTS, CHEMICALS, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ECUA - EMERALD COAST UTILITIES AUTHORITY (850) 478-5110 AND ESCAMBIA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 595-6712) AGENCIES.

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

NOTE: ALL WORK SHALL BE DONE IN ACCORDANCE TO THE PROJECT SPECIFICATIONS. WHERE SPECIFICATIONS OVERLAP (WATER, SEWER, ETC.), THE CONTRACTOR SHALL COMPLY WITH THE MOST STRINGENT SPECIFICATION.

NOTE: TO COMPLY WITH NPDES REQUIREMENTS, EROSION CONTROL MEASURES SHALL BE INSPECTED AFTER EACH 1/2" RAINFALL EVENT 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.

- NOTES:**
- CONTRACTOR SHALL MAINTAIN AND INSPECT EROSION CONTROL DEVICES IN ACCORDANCE TO THE STORMWATER POLLUTION PREVENTION PLAN.
 - CONSTRUCTION ACTIVITIES ARE LIMITED TO ROADS, PONDS, AND EASEMENTS.
 - THE PROPOSED PONDS SHALL BE UTILIZED FOR STORMWATER DETENTION AND TEMPORARY SEDIMENT.
 - THE PROPOSED PONDS SHALL BE CONSTRUCTED FOLLOWING CLEARING AND GRUBBING OF R/W'S EASEMENTS ETC. AND PRIOR TO UTILITY INSTALLATION.
 - ALL DRAINAGE EASEMENTS, PUBLIC AND PRIVATE, SHALL REMAIN UNOBSTRUCTED.



NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/06/2021	AS PER FOOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER NPDES REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
 PENSACOLA, FLORIDA 32505
 850 434-2603
 FAX 850-434-2650
 TOM@SELANDESIGN.COM

Professional Engineer Seal for Thomas Grant Hammond, License No. 12127, State of Florida.

CONSTRUCTION PLANS FOR FOREST HOLLOW EROSION CONTROL PLAN
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLW/BJ
 DESIGNED BY: TGH
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR CONSTRUCTION
 PROJECT NO: 19-047
 SHEET: 03

Site Description

The proposed Forrest Hollow Subdivision is located at the 5250 Blue Angel Parkway, (on the east side of Blue Angel Parkway) in Escambia, Florida. The site is in section 36, Township 2 South, Range 31 West, Escambia County, Florida.

The site is 7.66 acres in size and currently stands vacant and undeveloped. There are no jurisdictional wetlands located on the site. The area to be disturbed by the construction of this project encompasses the proposed RW, pond parcel and Block B. Currently, the majority of runoff flows east across the site to the adjacent property. The approximate latitude and longitude of the site discharge point IS: 30°27'03" N, 87°19'35" W. The proposed improvements include the construction of paved roads, a stormwater pond, stormwater piping, potable water piping, and sanitary sewer improvements.

Erosion and Sedimentation Controls

Erosion and sedimentation from the construction site shall be controlled at all times using Best Management Practices (BMPs). Perimeter controls shall be installed prior to clearing activities or any construction activity that disturbs soils. Installation of those controls may be staged to correspond with the clearing and construction schedule. Immediate after clearing activities appropriate controls shall be installed to limit and minimize the velocity of stormwater runoff over unprotected soils. Temporary BMPs shall be used as necessary inside the the perimeter controls as the construction progresses. Perimeter controls shall be actively maintained until final stabilization of those portions of the site uphill of the perimeter controls. Temporary controls shall be removed when stabilization is achieved or when necessary for the next stage of construction. Controls shall be consistent with the performance standards for erosion and sedimentation control as set forth in Section 62-40.432 F.A.C.

Stabilization and Structural Practices

Stabilization practices may include, but not limited to, temporary seeding, mulching, geotextiles, permanent sod and preservation of existing vegetation. Preservation of the existing vegetation should always be the first choice BMP. Where disturbed soils are to remain for extended periods, temporary seeding should be considered prior to final sod stabilization. A record shall be maintained of the dates when major grading activities occur, when construction activities temporarily or permanently cease on a portion of the site and when stabilization measures are initiated. Stabilization measures shall be initiated as soon as practicable, but in no case more than 14 days, in those areas of the site where construction activities have temporarily or permanently ceased.

Structural practices shall divert flows from exposed soils, store flows, retain sediment on-site, or otherwise limit runoff and the discharge of pollutants from exposed areas of the site. Such practices may include, but not limited to, silt fences, earth dikes, diversion swales, sediment traps, check dams, subsurface drains, pipe slope drains, level spreaders, storm drain inlet protection, rock outlet protection, reinforced soil retaining systems and temporary or permanent sediment basins.

Stormwater Management

A single row of type IV silt fence shall be installed along the proposed boundary of stormwater pond parcel and east boundary line of lot 7 Block B. Additionally, a single row of type III silt fence shall be installed along the proposed project right of way, prior to any activity that disturbs soils.

After clearing activities, silt fences and hay bales shall be installed, as necessary, uphill of the perimeter controls to reduce runoff velocities and the potential for excessive erosion. Prior to any major grading activity, the stormwater detention basin shall be constructed.

As the grading activities progress, a depressed area shall be constructed around inlets surrounded by hay bales for inlet protection. These depressed areas shall act as sediment basins. Runoff from uphill areas shall be directed to these inlets, where feasible, by diversion swales.

These swales may require temporary seeding and check dams to minimize velocities and avoid excessive erosion. As the construction progresses, each installed storm inlet shall be protected by hay bales.

Rip-rap or similar velocity control is to be used, as necessary, at the outfalls from the stormwater management system for velocity dissipation prior to discharge off-site. Silt fences, and haybales if necessary, shall be installed across the outfalls until final stabilization is achieved. Erosion control facilities shall actively maintained throughout the course of construction and shall remain until final stabilization is achieved and acceptance by the owner.

Controls for Other Potential Pollutants

A materials management area shall be designated on-site for protected storage of chemicals, solvents, fertilizers and other potentially toxic materials. Storage areas can become a major source of risk due to possible mishandling of materials and accidental spills. An inventory should be compiled and maintained of the storage area and the site. Special care should be taken to identify any materials that have the potential to come into contact with stormwater.

Petroleum products such as oil gasoline, lubricants and asphaltic substances should be handled carefully to minimize their exposure to stormwater. These management practices should be used to reduce the risks of using petroleum products:

- * Have equipment available to contain and clean up petroleum spills in fuel storage areas or on board maintenance and fueling vehicles.
- * Where possible, store petroleum products and fuel vehicles in covered areas and construct dikes to contain any spills. * Contain and clean up petroleum spills immediately.
- * Perform preventative maintenance for on-site equipment to prevent leakage.
- * Apply asphaltic substances properly according to the manufacturer's instructions.

Hazardous products including, but not limited to, paints, acids for cleaning masonry surfaces, cleaning solvents, chemical additives used for soil stabilization, and concrete curing compounds should be properly handled. These practices will help avoid pollution of stormwater by these materials:

- * Keep equipment to contain and clean up spills of hazardous materials in the areas where the materials are stored.
- * Contain and clean up spills immediately after they occur.
- * Keep materials in a dry, covered area.
- * Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually are printed on the containers.

Pesticides include insecticides, rodenticides, and herbicides that are commonly used on construction sites. These management practices will reduce the amounts of pesticides that could contact stormwater:

- * Handle pesticides as infrequently as possible.
- * Store materials in the original manufacturer's containers whenever possible, because special handling instructions usually are printed on the containers.
- * Observe all applicable federal, state and local regulations when using, handling, or disposing of pesticides.
- * Store pesticides in a dry, covered area.
- * Provide curbs or dikes to contain spills.
- * Have measures on site to contain and clean up spills.
- * Strictly follow recommended application rates and methods.

Fertilizers and detergents usually contain nutrients that can be a major source of pollution in stormwater. These practices should be used to reduce the risks of nutrient pollution:

- * Limit the application of fertilizers to the minimum area and the minimum recommended amounts.
- * Reduce exposure of nutrients to stormwater runoff by working the fertilizer into the soil to a depth of 4 to 6 inches.
- * Apply fertilizer more frequently, but at lower application rates.
- * Limit hydroseeding in which lime and fertilizers are applied to the ground surface in one application.
- * Implement good erosion and sediment control to help reduce the amount of fertilizer lost as a result of erosion.
- * Limit the use of detergents on the site. Wash water containing detergents should not be discharged to the stormwater management system.
- * Apply fertilizer and use detergents only in the recommended manner and amounts.

Proper management and disposal of building materials and other construction site wastes are an essential part of pollution prevention. Construction wastes include surplus or refuse building materials as well as hazardous wastes. Management practices for these wastes include trash disposal, recycling, material handling, and spill prevention and clean up. These practices should provide for proper disposal of construction wastes:

- * Designate a waste disposal area on the site.
- * Provide an adequate number of containers with lids or covers that can be placed over the container prior to rainfall. Locate containers in covered areas, where possible.
- * Arrange for scheduled waste pick up. Adjust waste collection schedule as necessary to prevent overflow of the containers.
- * Ensure that construction waste is collected, removed, and disposed of only at authorized disposal areas in compliance with applicable State and/or local waste disposal regulations.

Offsite vehicle tracking of sediments and the geration of dust shall be minimized. A stabilized construction access road shall be utilized to reduce off-site tracking. Off-site sediment removal should be conducted at a frequency necessary to minimize impacts. Vehicle wash area should be considered if off-site tracking becomes excessive.

The construction site must have temporary sanitary sewer facilities for on-site personnel. Portable facilities may be utilized throughout the site. Licensed domestic waste haulers must be contracted to regularly remove the sanitary wastes and to maintain the facilities in good working order. The temporary construction trailer may have sanitary sewer facilities with a holding tank. A licensed domestic waste hauler shall also service this facility. An on-site septic system for the construction trailer is not allowed. Temporary sanitary sewer facilities shall be permitted by the local building department in accordance with applicable State and local regulations.

Controls of pollutants shall be maintained throughout construction period and until final stabilization is achieved. Qualified personnel shall inspect all points of discharge and all disturbed areas of the construction site that have not been finally stabilized, areas used for storage of materials that are exposed to precipitation, structural controls, and locations where vehicles enter or exit the site at least once every seven calendar days and within 24 hours of the end of every storm event that produces at least 0.25 inches of rainfall. Where sites have been finally stabilized, such inspection shall be conducted at least once every month until a Notice of Termination has been submitted.

- * Stabilization Measures – Disturbed areas and areas used for storage of materials that are exposed to precipitation shall be inspected for evidence of or the potential for, pollutants leaving the site. The inspection should reveal whether the area was stabilized correctly, whether there has been damage to the area since it was stabilized, and what should be done to correct any problems.
- * Structural Controls – Silt fences, hay bales and other erosion control measures shall be inspected regularly for proper positioning, anchoring, and effectiveness in trapping sediments. The inspection should reveal whether the control was installed correctly, whether there has been damage to the control since installation, and what should be done to correct any problems. Sediment should be removed from the uphill side of the silt fence and the fence should be reconstructed as necessary. Hay bales shall be added or replaced as necessary to provide effective control.
- * Discharge Points – Discharge points shall be inspected to determine whether erosion control measures are effective in preventing significant amounts of pollutants from leaving the site. Silt fences and hay bales shall be maintained or replaced as necessary. The inspection should reveal whether the on-site BMPs are effective, and what should be done to increase the effectiveness.
- * Construction Entrances – Locations where vehicles enter or exit the site shall be inspected for evidence of off-site sediment tracking. The inspection should reveal whether the stabilization of the construction entrance is effective, and what should be done to increase the effectiveness.
- * Areas Used for Storage of exposed Materials – These are locations where construction materials (including excavated soils) are stored. The inspection should reveal the potential for excessive erosion and sedimentation, and what actions should be implemented to reduce the risks of pollution.

Based on the result of the inspection, all maintenance operations needed to assure proper function of all controls, BMPs, practices or measures identified in this Plan shall be done in a timely manner, but in no case later than 7 calendar days following the inspection.

A Report summarizing the scope of each inspection, name(s) and qualifications of personnel making the inspection, the date(s) of the inspection, major observations related to the implementation of the stormwater pollution prevention plan, and modifications to the stormwater pollution prevention plan shall be prepared and retained as part of the stormwater pollution prevention plan for at least three years from the date that the site is finally stabilized. Such report shall identify any incidence of non-compliance.

Contractor Requirements

The contractor must have technical expertise in erosion prevention and sediment control. The contractor must at all time maintain erosion control methods that prevent any violation of the NPDES program.

Faulty Installation and/or Poor Maintenance

Most noncompliance occurs because measures were not installed correctly or maintained properly, or both. Determining the reason why the measures are failing requires technical knowledge about the devices and how to construct them properly. Contractors failure to control erosion, sedimentation or turbidity both onsite and offsite is not acceptable. Failure to do so may result in possible fines and/or termination from the site without payment for construction progress.

Compliance

Remember that the goal of the program is to prevent accelerated erosion and off-site sedimentation. As the contractor, you are the first person to determine if the performance standards and intent of the rule are being met. You are the key person in ensuring that the construction site is evaluated fairly and consistently and that you keep the site in compliance.

The erosion and sediment control rules are performance oriented. That is, the measures used at a construction site must be effective in controlling erosion and preventing off-site sedimentation for the site to be in compliance. Following an approved plan and installing the control measures may not be enough for a site to be in compliance with the rules. If erosion and off-site sedimentation occur, the contractor will be responsible for installing additional measures to correct any problem associated with compliance of the NPDES permit or any other permit required for the site construction. The contractor will also be completely responsible for any fines levied by any governing agency on the project during construction.

The rules are also flexible, allowing the contractor to decide the most economical and effective means of erosion control. This encourages the use of innovative techniques and specifically designed erosion control systems. The contractor is the key individual in making this kind of performance based rule work because the contractor is the first person to recognize performance failures and remedy the problems.

The contractor's job is to:

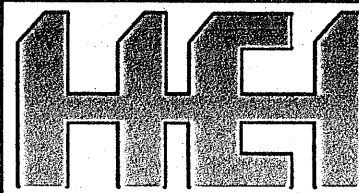
1. Determine that an erosion and sediment control plan for the site has been approved.
2. Determine that all specified practices have been installed and are being maintained according to the plan.
3. Determine that both on-site and off-site sedimentation, erosion or turbidity is being prevented. If the contractor finds deficiencies, appropriate action must be taken to attain compliance.

Control of non-stormwater discharges

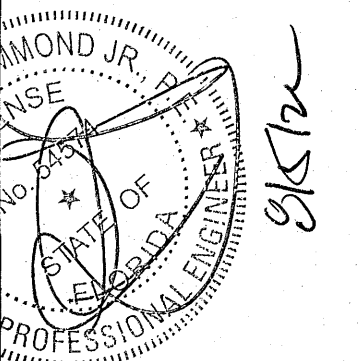
It is expected that the following non-stormwater discharges may occur from the site during construction period: water from water line flushing, pavement wash water (where no spills or leaks of toxic or hazardous materials have occurred), and uncontaminated groundwater (from dewatering excavation). If said discharges do occur, they will be directed to the temporary sediment basin prior to discharge. Turbid water from the stormwater pond shall not be pumped directly into either of the receiving waters. Any pumped water from the stormwater pond shall be treated so as to not allow a discharge of polluted stormwater. Treatment can include silt fences, settling ponds, the proper use of flocculating agents or other appropriate means.

NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECMA COUNTY COMMENTS
2.	07/07/2021	AS PER ECMA COUNTY COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/6/2021	AS PER FOOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER INP/IND REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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HAMMOND ENGINEERING, INC.
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ALABAMA AUTHORIZATION NO. 3200
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
FAX 850-434-2650
TOM@BELANDESIGN.COM



CONSTRUCTION PLANS FOR FOREST HOLLOW EROSION CONTROL NOTES

ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLV/RY
DESIGNED BY: TGH/HAB
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION
BY: _____ DATE: _____

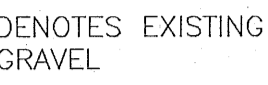
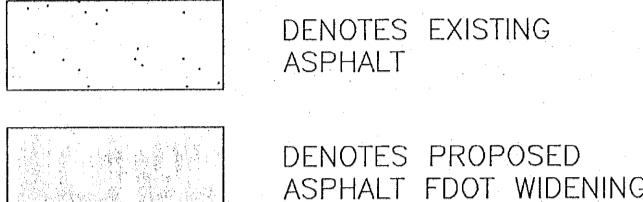
PROJECT NO: 19-047
SHEET: 04

GRAPHIC SCALE

22"x34" SCALE 1 inch = 50 ft.

11"x17" SCALE 1 inch = 100 ft.

DENOTES:



- List of symbols for various utilities and structures like iron rods, pipes, valves, and meters.

NOTE: ALL DISTURBED EXISTING DRIVEWAYS AND OTHER STRUCTURES ALONG BLUE ANGEL PARKWAY R/W SHALL BE RESTORED COMPLYING FDOT STANDARDS

SPECIAL LINES: STORM WATER PIPE, OVERHEAD ELECTRICAL

SOIL INFO: PITS, SANDY LOAM, SANDY LOAM, TROUP SAND

BENCHMARK DATA: BM-1 NAIL AND DISK IN ASPHALT ROAD, BM-2 NAIL AND DISK IN ASPHALT ROAD

HOMEOWNER NOTES: 1. INSTALL SILT FENCE ALONG ALL DOWN GRADIENT LOT BOUNDARY LINES. 2. PROVIDE 12" WIDE, 4" THICK, FDOT #1 AGGREGATE CONSTRUCTION ACCESS DRIVE ON EACH LOT PRIOR TO COMMENCEMENT OF HOUSE CONSTRUCTION. 3. FENCES SHALL BE INSTALLED IN A MANNER WHICH SHALL NOT IMPEDE STORMWATER FLOW.

Table with 2 columns: IMPERVIOUS AREA (LOTS, ASPHALT ROADWAY AND CURBING, TOTAL) and NET (84,500 SF, 29,620 SF, 114,120 SF)

Table with 2 columns: STRUCTURE # and DESCRIPTION (S-101 to S-107)

Table with 2 columns: STORMWATER INFRASTRUCTURE TABLE (STORMWATER PIPE, CURB INLETS, MANHOLE, C INLET)

NOTE: THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOURS OF PROTECTED (POTABLE) WELLHEADS. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES...

GENERAL NOTES

NOTE: FENCES SHALL BE INSTALLED NOT TO IMPEDE STORMWATER FLOW. THE HOMEOWNER SHALL INSTALL PRIOR TO CONSTRUCTION AND MAINTAIN DURING CONSTRUCTION ALL SEDIMENT CONTROL MEASURES AS REQUIRED TO RETAIN ALL SEDIMENTS ON-SITE...

EROSION CONTROL NOTES

A HEALTHY GROWTH OF GRASS WITHIN THE DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY APPROVAL/ACCEPTANCE. IF TIME CONSTRAINTS EXIST DURING THE FINAL PLAT APPROVAL AND ACCEPTANCE PROCESS, A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDDED/MULCHED/FERTILIZED WILL BE ACCEPTABLE.

NOTE: LAND CLEARING/TREE REMOVAL IS LIMITED TO ANY NON-HERITAGE TREE LOCATED WITHIN PROPOSED RIGHTS-OF-WAY, EASEMENTS, OR PARCELS DEDICATED FOR UTILITY, DRAINAGE OR ACCESS ACCORDING TO COUNTY APPROVED SUBDIVISION CONSTRUCTION PLANS.

NOTE: ALL STORMWATER RUNOFF FROM ROOFS AND DRIVEWAYS AREAS SHALL BE ROUTED DIRECTLY TO THE ROAD RIGHT-OF-WAY OR SWALES THAT LEAD TO RETENTION POND.

PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)

DENOTES PROTECTED TREE CRITICAL ROOT ZONE (TYPICAL)

DENOTES PROTECTED TREE STRUCTURAL ROOT PLATE (TYPICAL)

EXISTING HERITAGE TREES (T-1 AND T-2) TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION AND HOME BUILDING !!

PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)

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PERKINS ST (PAVED/PUBLIC 50' R/W)

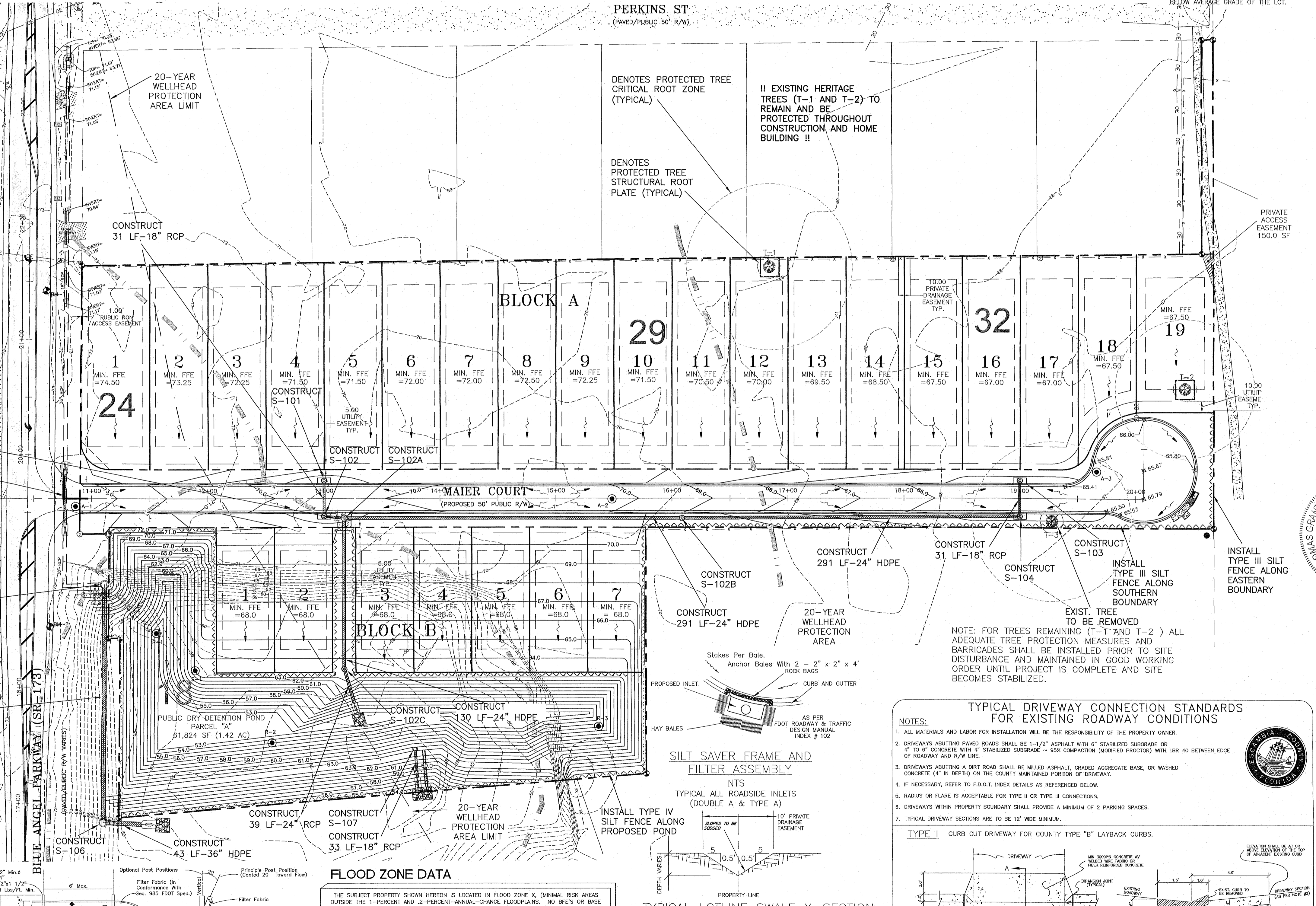
PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)

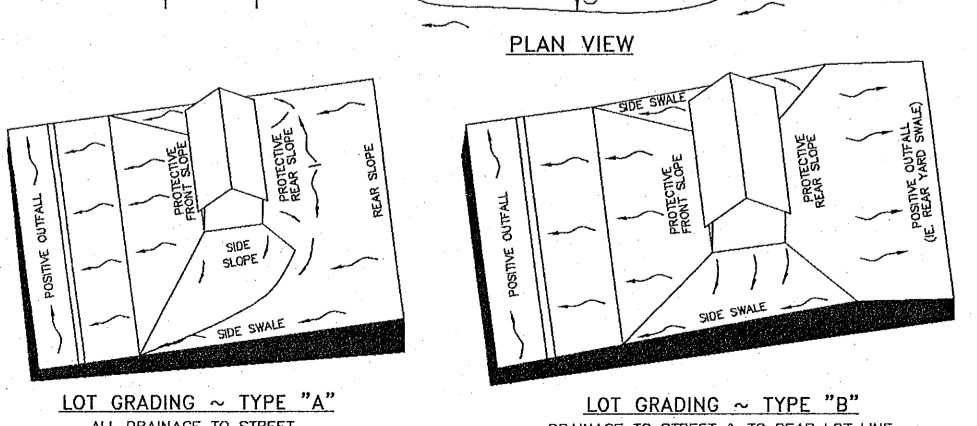
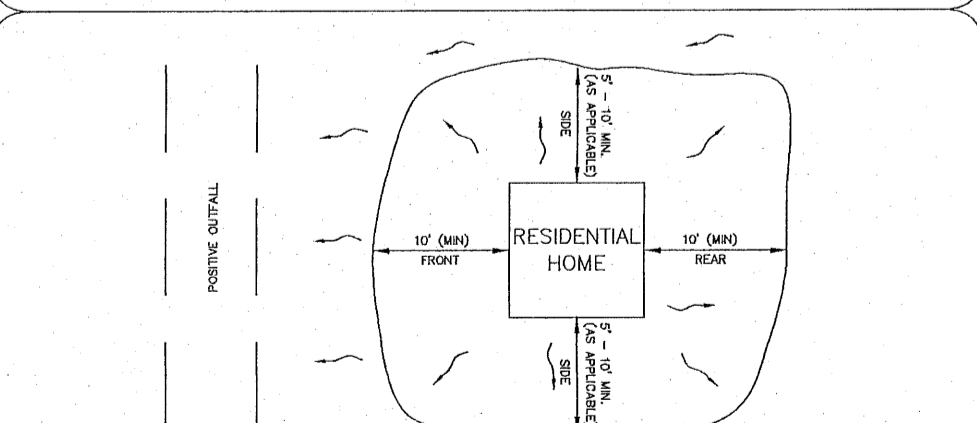
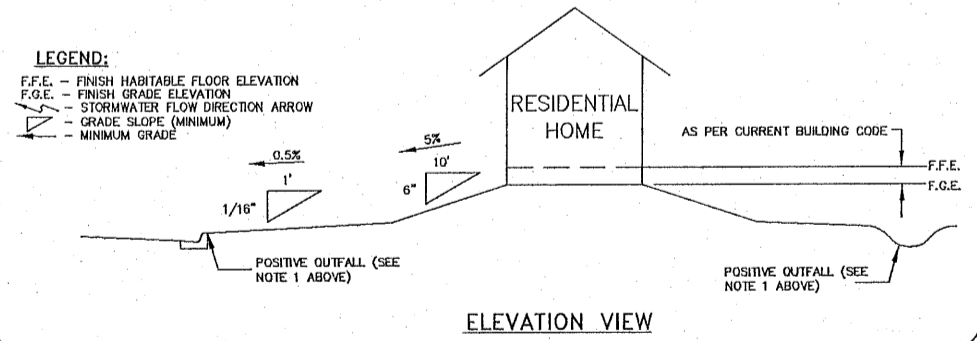
PERKINS ST (PAVED/PUBLIC 50' R/W)

PERKINS ST (PAVED/PUBLIC 50' R/W)



MINIMUM STANDARDS FOR TYPICAL RESIDENTIAL GRADING CONTROL PLAN

- NOTES: 1. A POSITIVE DRAINAGE SYSTEM IS A CONVEYANCE 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 OUTLET DRAINAGE SYSTEM...



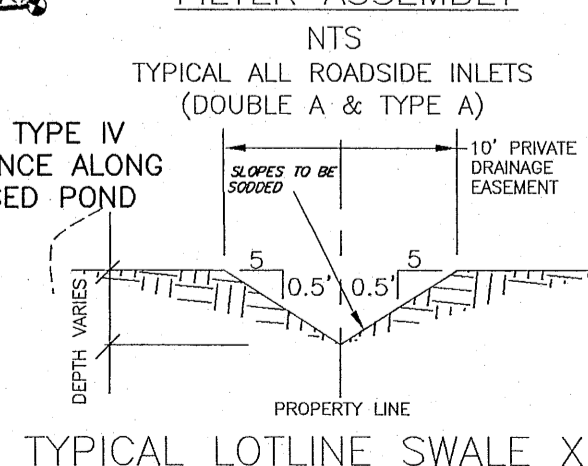
NOTE: VARIATIONS IN GRADING ARE ACCEPTABLE IF SHOWING DRAINAGE TO A POSITIVE OUTLET.

FLOOD ZONE DATA

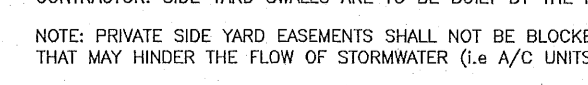
THE SUBJECT PROPERTY SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND 2-PERCENT ANNUAL-CHANCE FLOODPLAINS. NO BFE'S OR BASE FLOOD DEPTHS ARE SHOWN WITHIN THESE ZONES), AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBER 12033C03556, MAP REVISION DATED SEPTEMBER 29, 2006.

Table with 6 columns: FLOOD ZONE(S), NEP, COMMUNITY NUMBER, MAP NUMBER, PANEL NUMBER(S), SUFFIX, MAP REVISION DATE

SILT SAVER FRAME AND FILTER ASSEMBLY

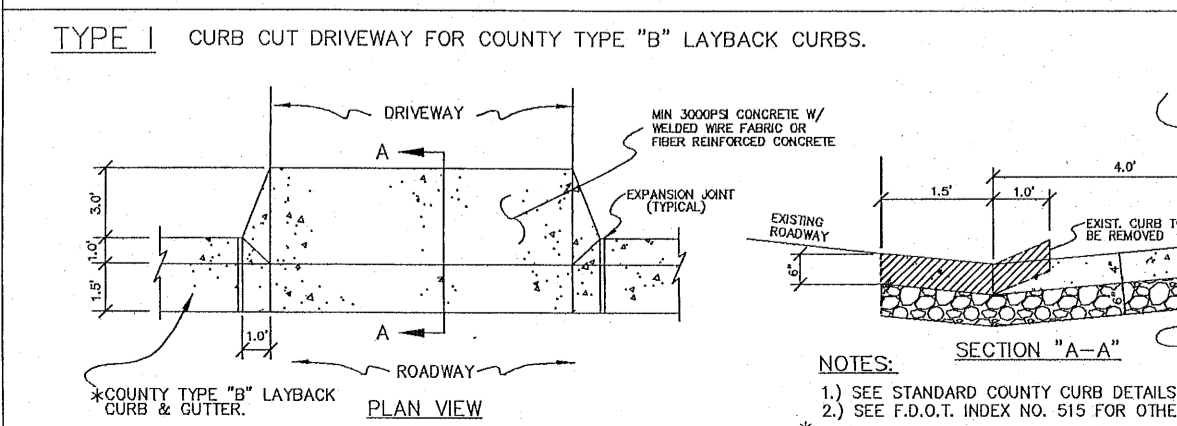


TYPICAL LOTLINE SWALE X-SECTION



TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS

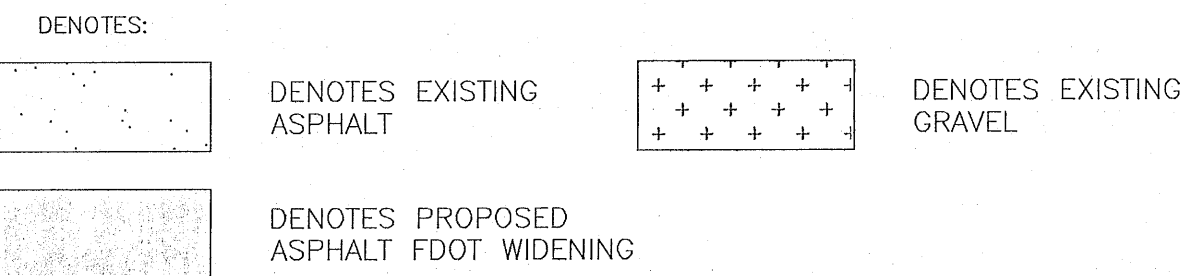
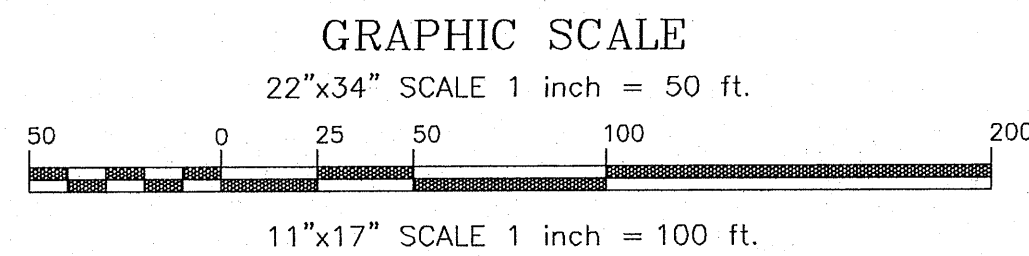
- NOTES: 1. ALL MATERIALS AND LABOR FOR INSTALLATION WILL BE THE RESPONSIBILITY OF THE PROPERTY OWNER. 2. DRIVEWAYS ABUTTING PAVED ROADS SHALL BE 1-1/2" ASPHALT WITH 6" STABILIZED SUBGRADE OR 4" TO 6" CONCRETE WITH 4" STABILIZED SUBGRADE...



Professional seal and contact information for Hammond Engineering, Inc. (Alabama Authorization No. 91307, Florida Authorization No. 3277, 3802 North 16th Street, Pensacola, Florida 32505, 850 434-2603, 850 434-42650, tom@selanddesign.com)

Professional seal for Tom Seland, Professional Engineer, State of Florida, License No. 120080.

Project information: CONSTRUCTION PLANS FOR FOREST HOLLOW GRADING PLAN, ESCAMBIA COUNTY, FLORIDA. PROJECT NO: 19-047, SHEET: C5. Includes a table for design and check dates.



- ~ 1/2" CAPPED IRON ROD, NUMBERED 7277 (PLACED)
- ~ 1/2" CAPPED IRON ROD, ILLEGIBLE (FOUND)
- ~ 1/2" IRON ROD, UNNUMBERED (FOUND)
- ~ 1" IRON PIPE, UNNUMBERED (FOUND)
- ~ 4" SQUARE CONCRETE MONUMENT, UNNUMBERED (FOUND)
- ~ EXISTING WATER METER
- ~ EXISTING WATER VALVE
- ~ FIRE HYDRANT
- ~ STORM WATER INLET
- ~ BACK FLOW PREVENTION DEVICE
- ~ FIBER OPTIC CABLE JUNCTION
- ~ UTILITY POLE
- ~ GUY ANCHOR
- ~ GAS VALVE
- ~ MAIL BOX
- ~ STREET SIGN
- ~ UNMARKED GREEN BOX

SPECIAL LINES:
 ~ FM ~ SANITARY SEWER FORCE MAIN
 ~ W ~ WATER SERVICE LINE
 ~ OE ~ OVERHEAD ELECTRICAL

LOW PRESSURE RESIDENTIAL SEWER SERVICE:
 RESIDENTIAL PUMP STATIONS TO HAVE 24" DIA. BASIN WITH HCP PUMP MODEL 326F22.2H
 AS MANUFACTURED BY:
 HCP PUMPS AMERICA, INC.
 1723 INDUSTRIAL PKWY
 FOLEY, AL 36535
 P: 251-943-8080
 F: 205-763-3002
 WWW.HCPPUMPSOFAMERICA.COM
 OR APPROVED EQUAL

NOTE:
 PRIVATE GRINDER PUMP STATIONS LOCATED ON EACH RESIDENTIAL LOT SHALL BE MAINTAINED BY THE HOMEOWNERS

NOTE:
 PER ECUA, GRINDER PUMPS SHALL PROVIDE A MINIMUM OF 21 GPM AT 50 PSI.

JACK AND BORE 50 LF ± 10" STEEL CASING WITH 3" PVC FORCE MAIN COLOR CODED GREEN W/ TRACER WIRE

INSTALL 4x3 REDUCER

INSTALL 24x4 TAPPING SLEEVE AND 3" CHECK VALVE DIRECT BURY. ECUA INSPECTOR TO BE PRESENT FOR WET TAP

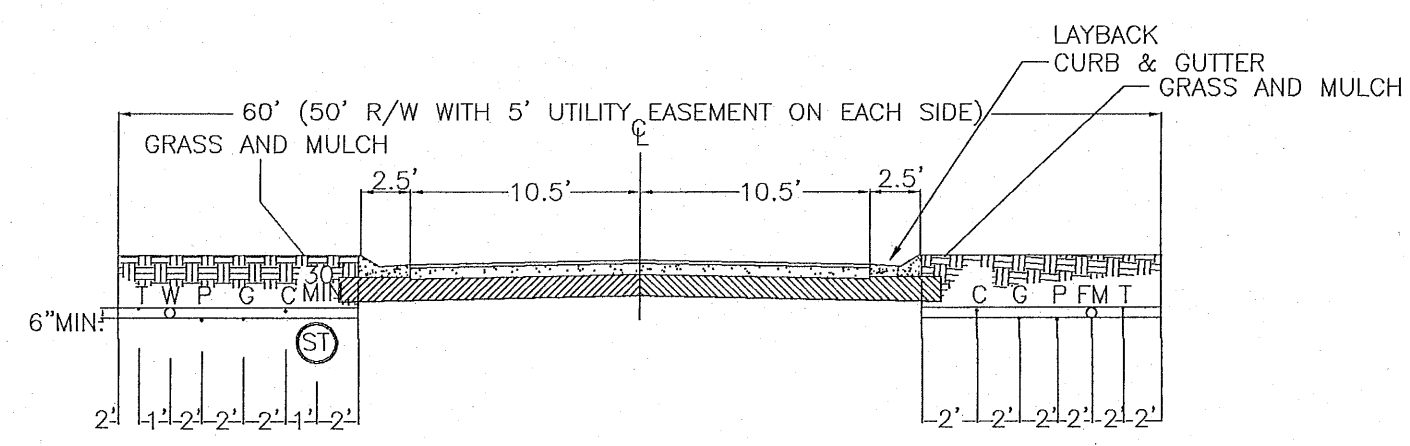
INSTALL 6x8 TAPPING SLEEVE AND VALVE ECUA INSPECTOR TO BE PRESENT FOR WET TAP

UTILITIES NARRATIVE:
POTABLE WATER:
 AFTER RECEIVING ERP, ECUA AND ESCAMBIA COUNTY APPROVALS, THE DEVELOPER PLANS TO CONNECT TO EXISTING, ADJACENT SYSTEM OF ECUA, CONSTRUCTING ALL NECESSARY UNDERGROUND WATER MAINS, VALVES AND FIRE HYDRANTS TO SERVE THIS DEVELOPMENT. UPON COMPLETION, THE ENTIRE SYSTEM WILL THEN BE TURNED OVER TO ECUA FOR ACCEPTANCE AND MAINTENANCE.

SANITARY SEWER:
 AFTER RECEIVING ERP, ECUA AND ESCAMBIA COUNTY APPROVALS, THE DEVELOPER PLANS TO CONNECT TO EXISTING, ADJACENT SYSTEM OF ECUA, CONSTRUCTING PRIVATE LOW PRESSURE SYSTEMS TO SERVE THIS DEVELOPMENT. UPON COMPLETION, THE ENTIRE SYSTEM LOCATED WITHIN THE RIGHTS OF WAYS AND EASEMENTS WILL BE TURNED OVER TO ECUA FOR ACCEPTANCE AND MAINTENANCE.

STORM WATER:
 AFTER RECEIVING ERP AND ESCAMBIA COUNTY APPROVALS, THE DEVELOPER PLANS TO CONSTRUCT ALL NECESSARY STORMWATER MANHOLES, PIPES AND STORMWATER PONDS TO SERVE THIS DEVELOPMENT. THE ENGINEER WILL DESIGN THE STORM DRAINAGE SYSTEM TO COMPLY WITH ESCAMBIA COUNTY SUBDIVISION AND STORMWATER ORDINANCES. UPON COMPLETION, THE ENTIRE SYSTEM WILL TURNED OVER TO THE COUNTY FOR OWNERSHIP AND MAINTENANCE INCLUDING THE DETENTION PONDS.

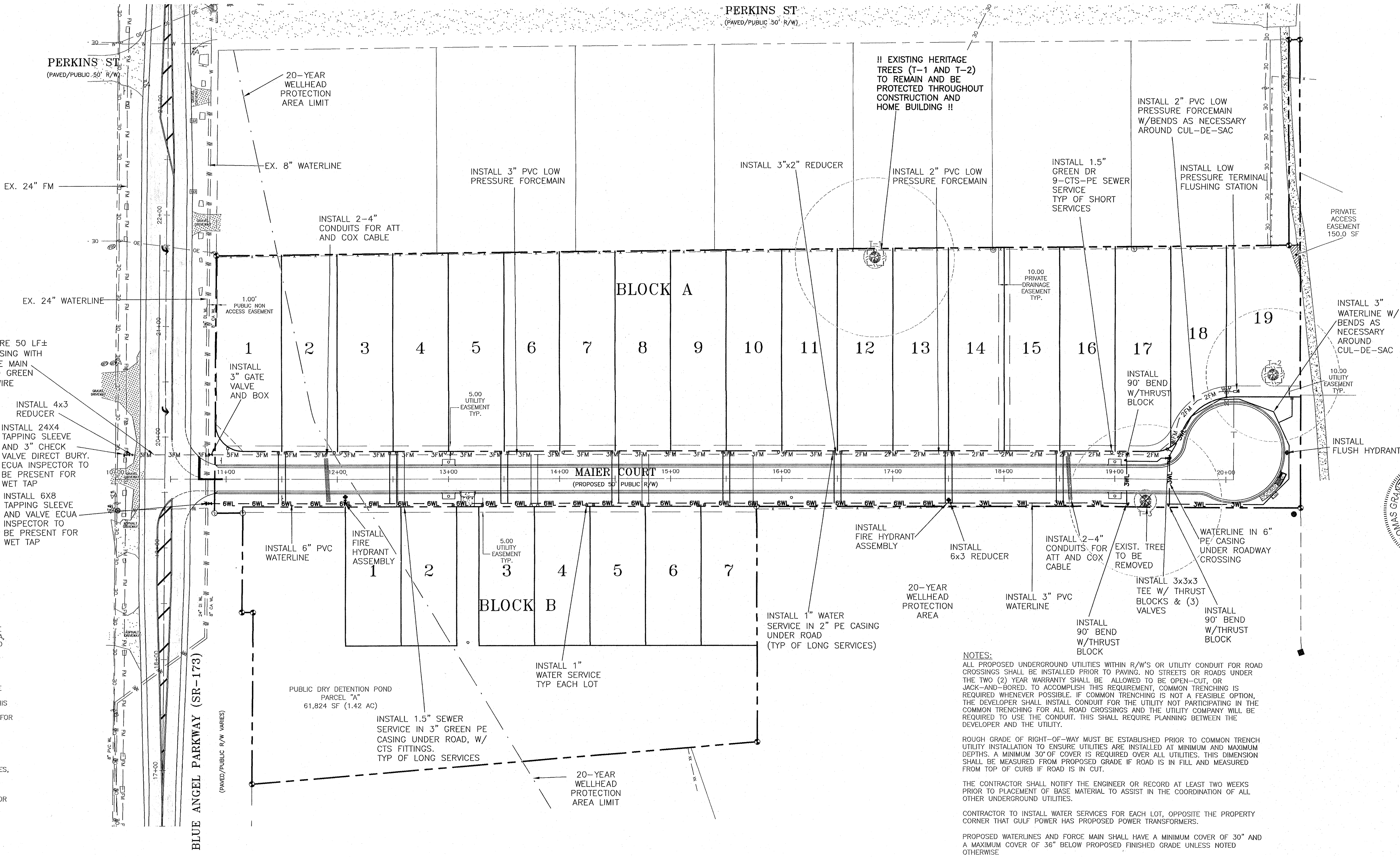
ELECTRIC, GAS, TELEPHONE & TV CABLE:
 THESE SERVICES TO BE INSTALLED AND MAINTAINED BY THE APPROPRIATE UTILITY COMPANY.



NOTE: THE SUBJECT PARCEL FALLS WITHIN THE TRAVEL TIME CONTOURS OF PROTECTED (POTABLE) WELLHEADS. CONTRACTORS SHALL BE RESPONSIBLE FOR REPORTING SPILLS OF POTENTIALLY HAZARDOUS SUBSTANCES (I.E. GASOLINE, DIESEL FUEL, HYDRAULIC FLUID, CLEANING PRODUCTS, CHEMICALS, ETC.) TO THE APPROPRIATE STATE (FDEP STATE WARNING POINT 1-800-320-0519) AND LOCAL (ECUA - EMERALD COAST UTILITIES AUTHORITY (850) 476-5110 AND ESCAMBIA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 595-6712) AGENCIES.

NOTE: TWO OF THE HERITAGE TREES SHOWN (T-1 AND T-2) SHALL REMAIN UNIMPACTED, PROTECTED & PRESERVED ONSITE (ROOTS & CANOPIES INCLUDED) PER ALL APPLICABLE STANDARDS OUTLINED IN ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE & DESIGN STANDARDS MANUAL (DSM), CHAPTER 2, ARTICLE 2 LANDSCAPING, SECTIONS 2-3.1 (D), 2-3.2, 2-3.3, & 2-3.4.

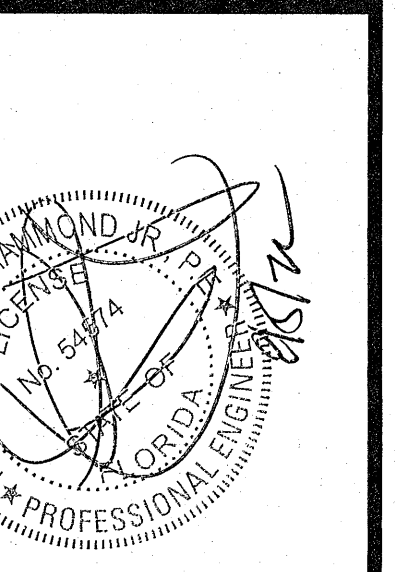
NOTE: ALL TREE PROTECTION BARRICADES & MEASURES SHALL BE ADEQUATELY INSTALLED PRIOR TO ANY LAND DISTURBING & SITE DEVELOPMENT ACTIVITIES & MAINTAINED IN GOOD WORKING ORDER PER ISA BMPs UNTIL ALL CONSTRUCTION COMPLETE & SITE IS STABILIZED.



NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/19/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
6.	4/15/2022	AS PER NFWMD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

HE

HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
 PENSACOLA, FLORIDA 32505
 850 434-2603
 850 434-2650
 TOM@SELANDDESIGN.COM



CONSTRUCTION PLANS FOR
FOREST HOLLOW
 UTILITY MASTER PLAN
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JAWWY
DESIGNED BY: TSHARE
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION
BY: _____
DATE: _____

PROJECT NO: 19-047
SHEET: C 6

NOTES:
 ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/W'S OR UTILITY CONDUIT FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING. NO STREETS OR ROADS UNDER THE TWO (2) YEAR WARRANTY SHALL 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 THE UTILITY COMPANY WILL BE REQUIRED TO USE THE CONDUIT. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.

ROUGH GRADE OF RIGHT-OF-WAY MUST BE ESTABLISHED PRIOR TO COMMON TRENCH UTILITY INSTALLATION TO ENSURE UTILITIES ARE INSTALLED AT MINIMUM AND MAXIMUM DEPTHS. A MINIMUM 30" OF COVER IS REQUIRED OVER ALL UTILITIES. THIS DIMENSION SHALL BE MEASURED FROM PROPOSED GRADE IF ROAD IS IN FILL AND MEASURED FROM TOP OF CURB IF ROAD IS IN CUT.

THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR RECORD AT LEAST TWO WEEKS PRIOR TO PLACEMENT OF BASE MATERIAL TO ASSIST IN THE COORDINATION OF ALL OTHER UNDERGROUND UTILITIES.

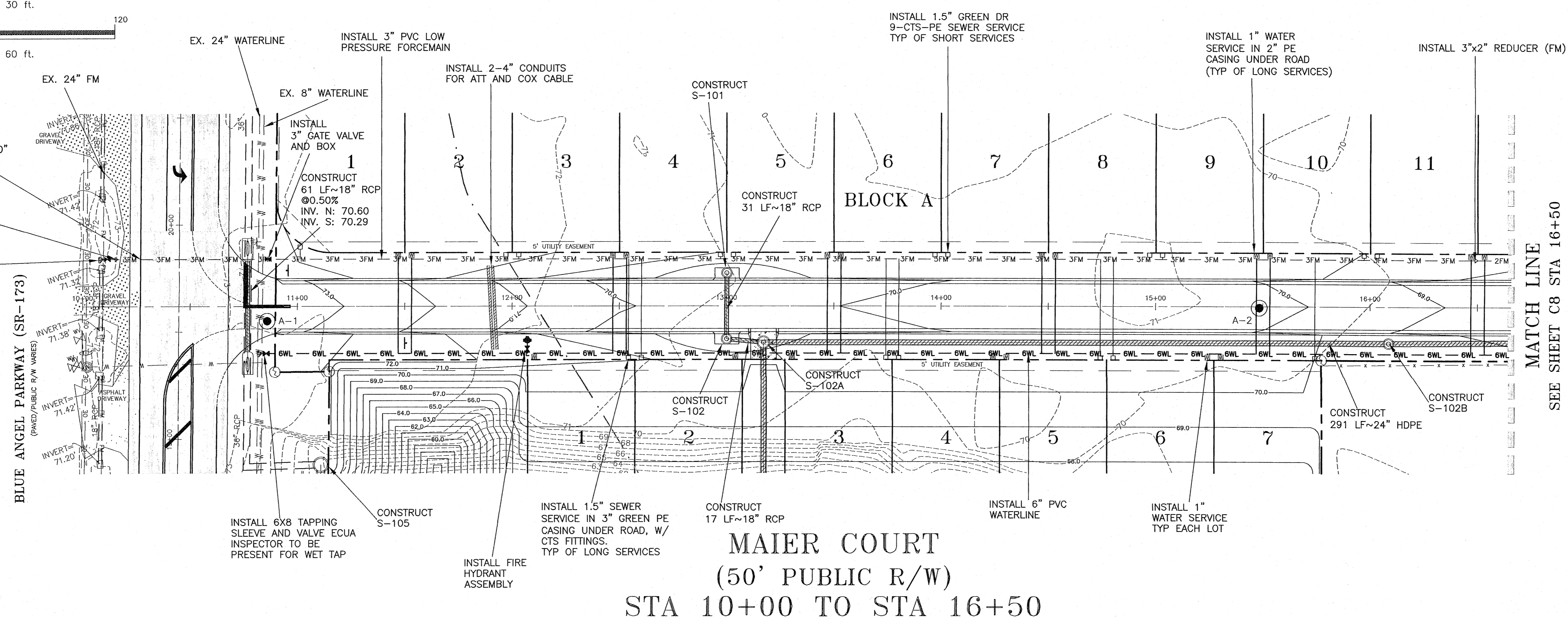
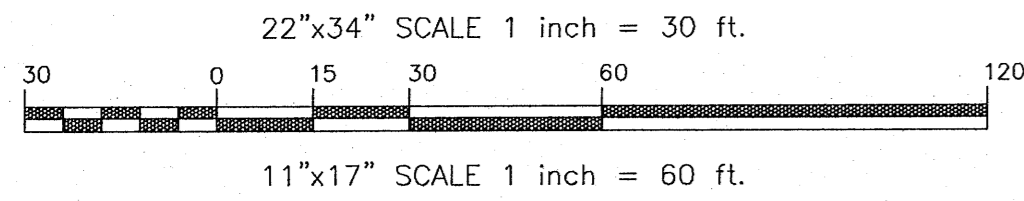
CONTRACTOR TO INSTALL WATER SERVICES FOR EACH LOT, OPPOSITE THE PROPERTY CORNER THAT GULF POWER HAS PROPOSED POWER TRANSFORMERS.

PROPOSED WATERLINES AND FORCE MAIN SHALL HAVE A MINIMUM COVER OF 30" AND A MAXIMUM COVER OF 36" BELOW PROPOSED FINISHED GRADE UNLESS NOTED OTHERWISE

CONTRACTOR SHALL INSTALL EACH UTILITY SERVICE IN THE LOCATION AS SHOWN IN THE COMMON TRENCH DETAIL.

ELECTRIC/PHONE/CABLE/GAS STRUCTURES INSTALLED WITHIN DRAINAGE/EASEMENT SHALL BE LOCATED ALONG THE BOUNDARY OF THE EASEMENT TO MAXIMIZE CLEAR ACCESS FOR MAINTENANCE EQUIPMENT.

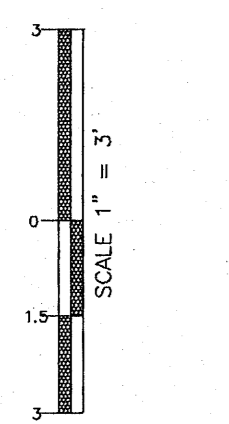
GRAPHIC SCALE



MATCH LINE
SEE SHEET C8 STA 16+50

MAIER COURT
(50' PUBLIC R/W)
STA 10+00 TO STA 16+50

VERTICAL SCALE



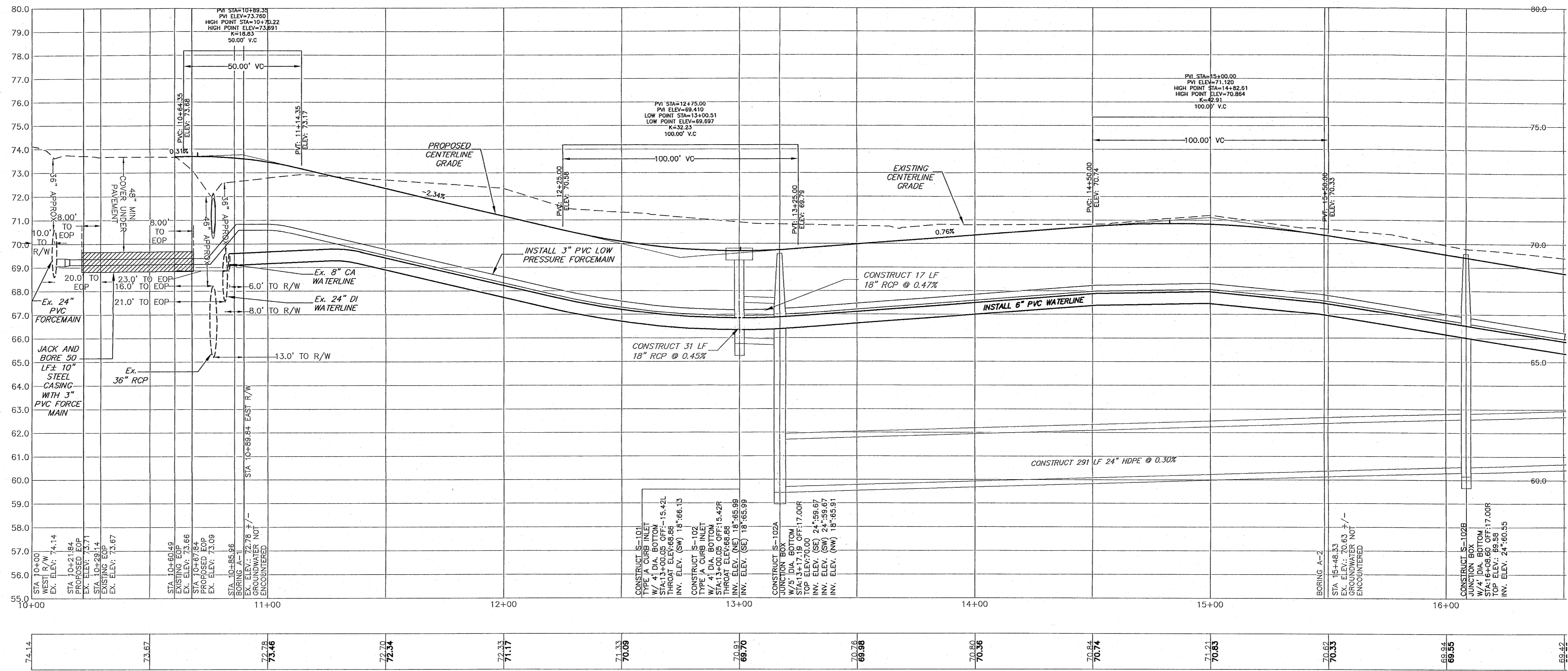
NOTE: ALL WORK SHALL BE DONE IN ACCORDANCE TO THE PROJECT SPECIFICATIONS, WATER AND SEWER TO BE DONE IN ACCORDANCE WITH ECUA SPECIFICATIONS

NOTE: ALL PROPOSED WATER SERVICES TO BE PLACED ON PROPERTY CORNER OPPOSITE POWER TRANSFORMER

NOTE: A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) ARE REQUIRED BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED.

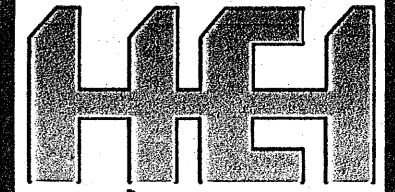
NOTE: ALL STORMWATER PIPING NOT CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE HDPE. ALL STORMWATER PIPING CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE RCP.

UTILITY CONFLICT RESOLUTION NOTE: AT LOCATIONS WHERE A WATER OR FORCE MAIN CROSSES AND CONFLICTS VERTICALLY WITH STORM PIPE, CONTRACTOR AND ECUA INSPECTOR SHALL SELECT ONE OF THE FOLLOWING CONFLICT RESOLUTIONS:
1. COORDINATE WITH EOR TO SEE IF STORM PIPE CAN BE LOWERED TO ALLEVIATE CONFLICT.
2. GRADUALLY DECREASE APPROACHING WATER OR FORCE MAIN'S COVER SUCH THAT A SECTION OF DUCTILE IRON WATER MAIN OR DR18 PVC FORCE MAIN, CAN BE INSTALLED OVER STORM PIPE SUCH THAT A MINIMUM OF 18" COVER OVER WATER OR FORCE MAIN IS PROVIDED, ALONG WITH MINIMUM 6" SEPARATION BETWEEN BOTTOM OF WATER OR FORCE MAIN AND TOP OF STORM PIPE.
3. IF COVER AND SEPARATION IN NUMBER 2 CANNOT BE OBTAINED, THEN INSTALL FITTINGS TO ROUTE WATER OR FORCE MAIN UNDER STORM PIPE.

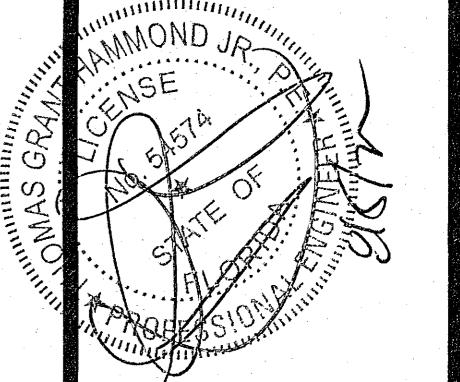


NO.	DATE	REVISIONS
1	06/07/2021	AS PER ECUA REVIEW COMMENTS
2	07/07/2021	AS PER ECUA REVIEW COMMENTS
3	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4	09/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5	10/16/2021	AS PER FOOT DRIVEWAY REVIEW COMMENTS
6	4/15/2022	AS PER NWFWAD REVIEW COMMENTS
7	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850-434-2603
FAX 850-434-2650
TOM@SELANDDESIGN.COM

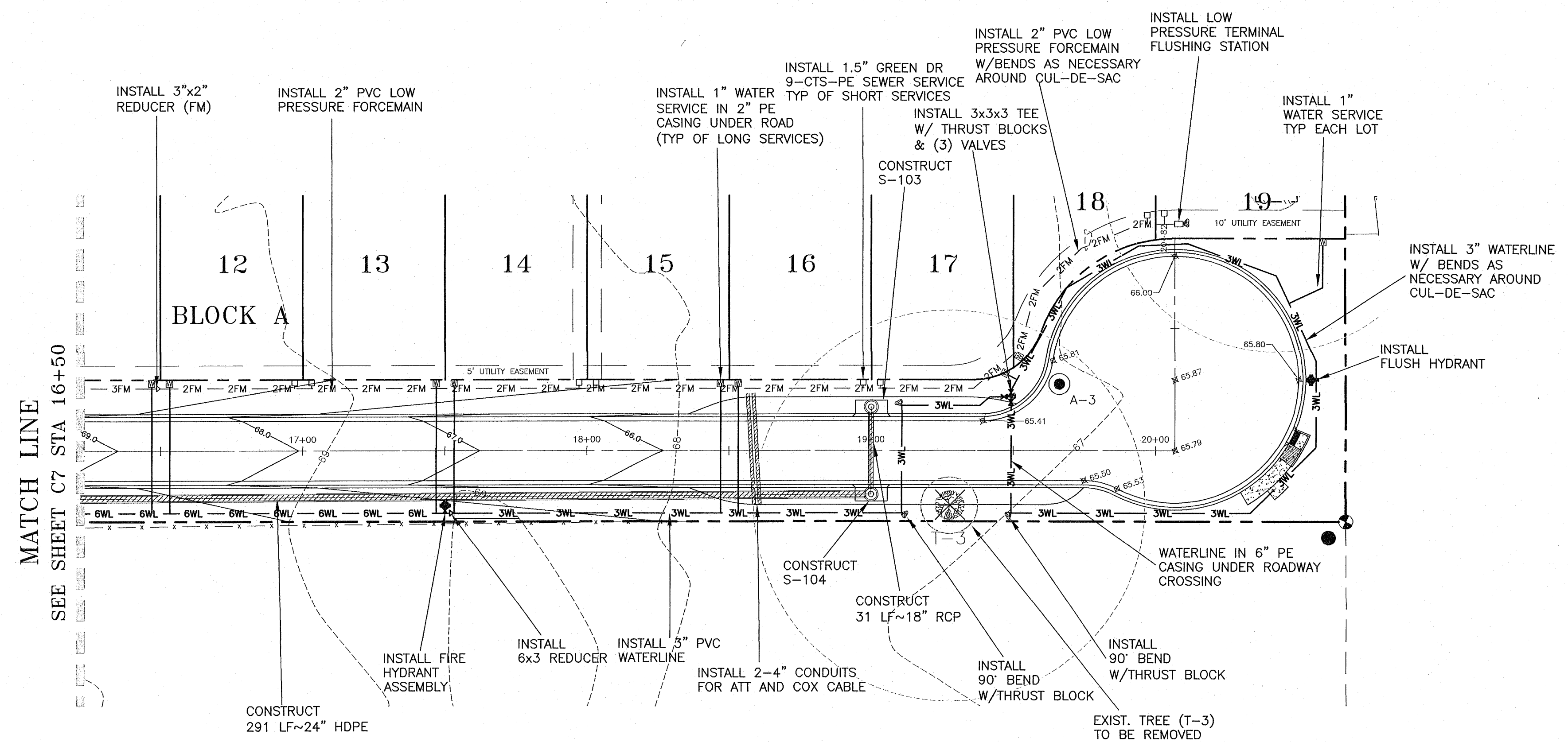
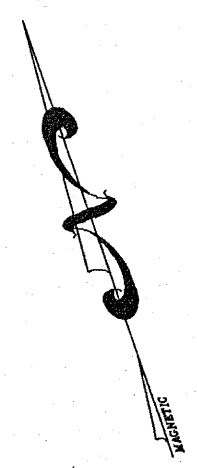
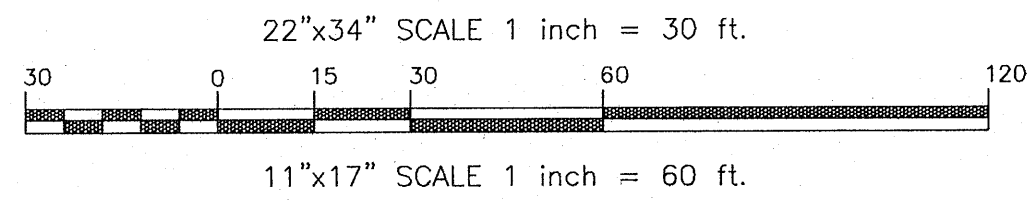


CONSTRUCTION PLANS
FOR
FOREST HOLLOW
PLAN AND PROFILE
ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLVJCY
DESIGNED BY: TGH/ARS
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASABLE FOR CONSTRUCTION
BY: DATE:

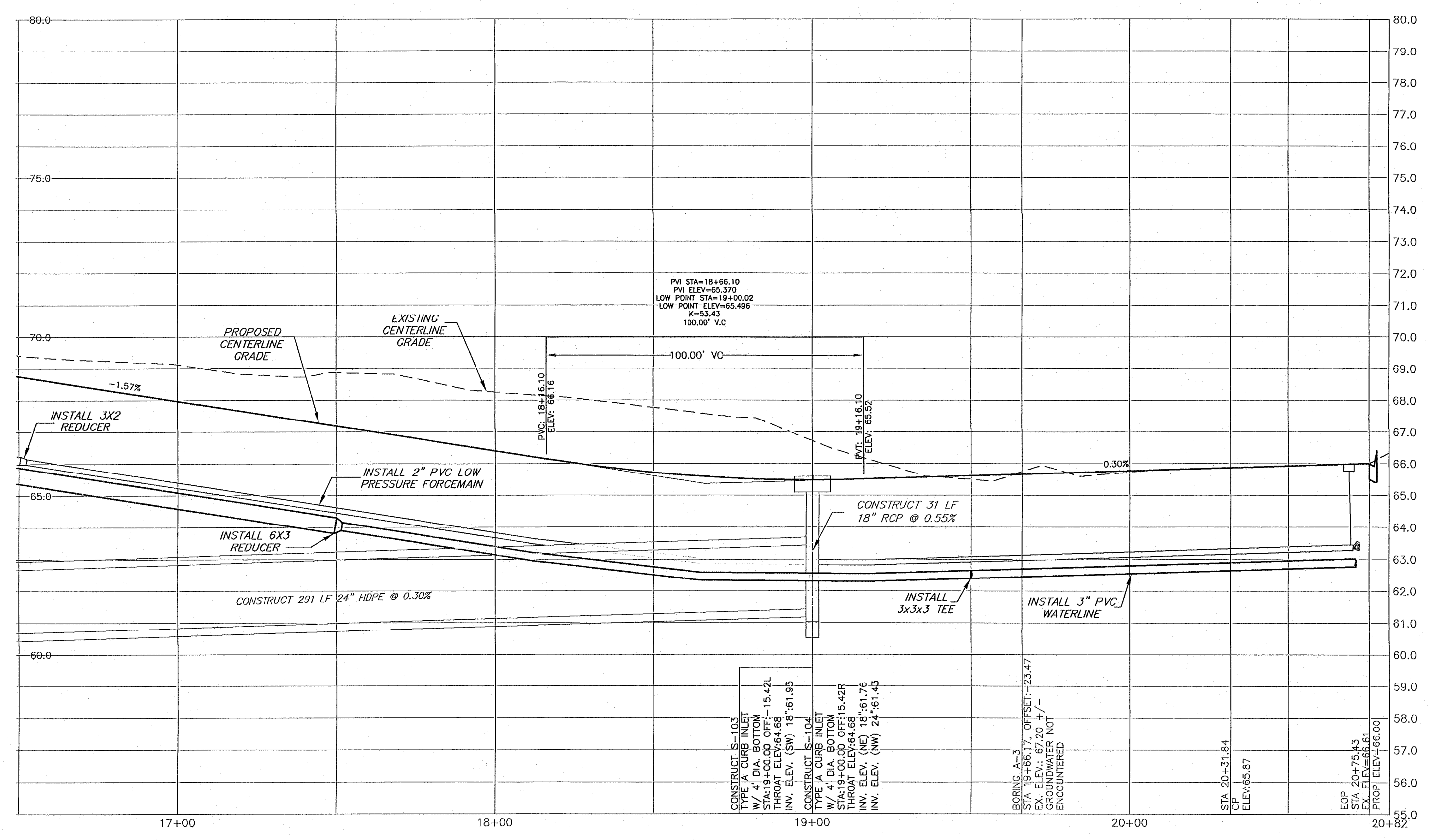
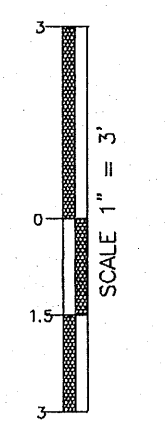
PROJECT NO: 19-047
SHEET: C7

GRAPHIC SCALE



MAIER COURT
 (50' PUBLIC R/W)
 STA 16+50 TO STA 20+82

VERTICAL SCALE



NOTE: ALL WORK SHALL BE DONE IN ACCORDANCE TO THE PROJECT SPECIFICATIONS. WATER AND SEWER TO BE DONE IN ACCORDANCE WITH ECUA SPECIFICATIONS

NOTE: ALL PROPOSED WATER SERVICES TO BE PLACED ON PROPERTY CORNER OPPOSITE POWER TRANSFORMER

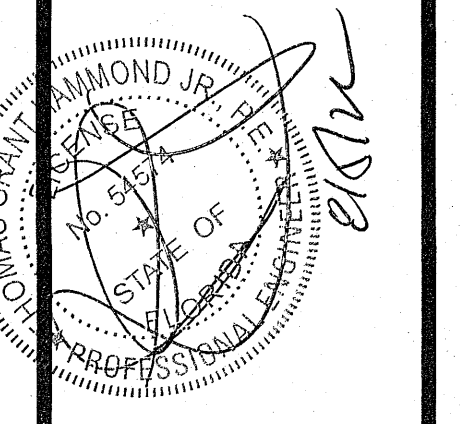
NOTE: A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) ARE REQUIRED BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED.

NOTE: ALL STORMWATER PIPING NOT CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE HDPE. ALL STORMWATER PIPING CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE RCP.

NO.	DATE	REVISIONS
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2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER EDOT DRAINAGE REVIEW COMMENTS
5.	10/16/2021	AS PER EDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER AN/MDM REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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 850-434-2603
 850-434-2650
 TOM@SELANDESIGN.COM



CONSTRUCTION PLANS FOR	FORREST HOLLOW
PLAN AND PROFILE	FLORIDA
ESCAMBIA COUNTY	FLORIDA
DESIGNED BY: JLV/CY	DATE:
CHECKED BY: TGH	DATE: AUGUST 2022
SCALE: AS SHOWN	NOT RELEASED FOR CONSTRUCTION
PROJECT NO: 19-047	SHEET: C8

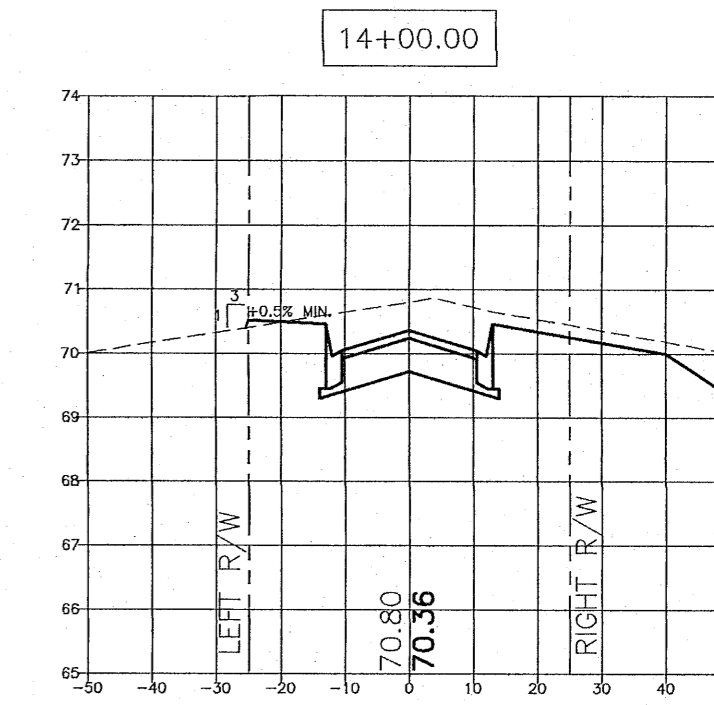
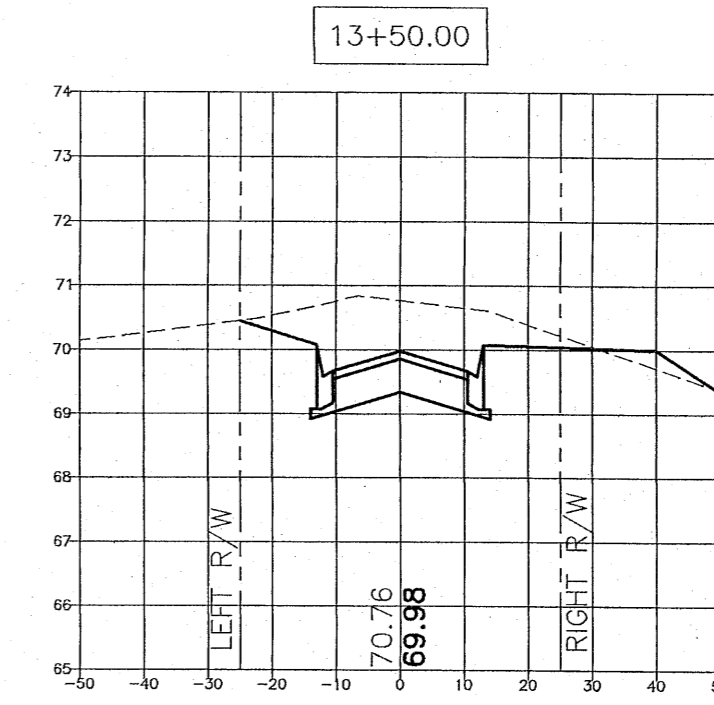
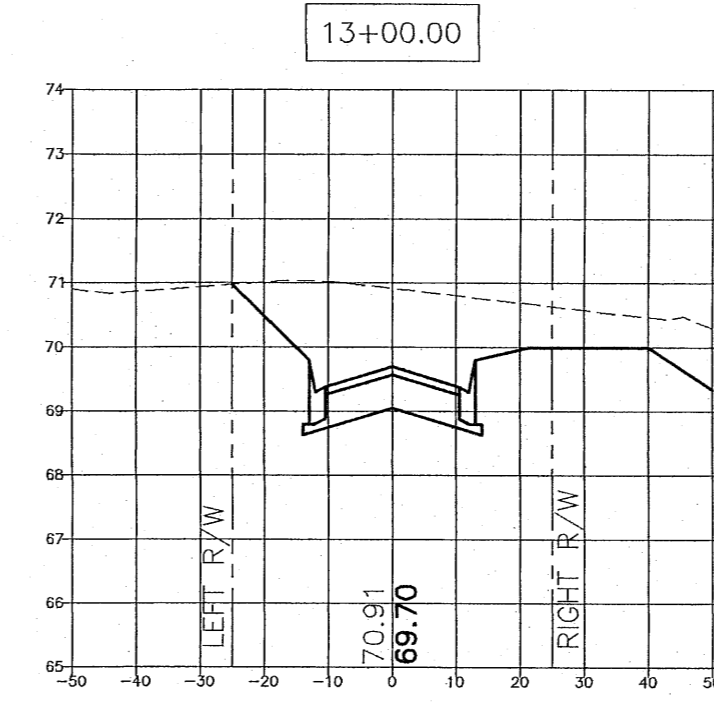
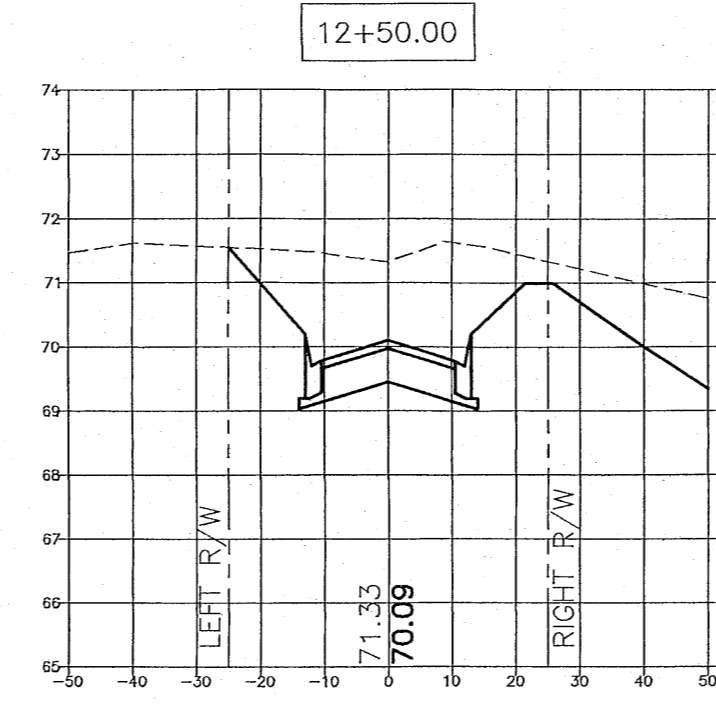
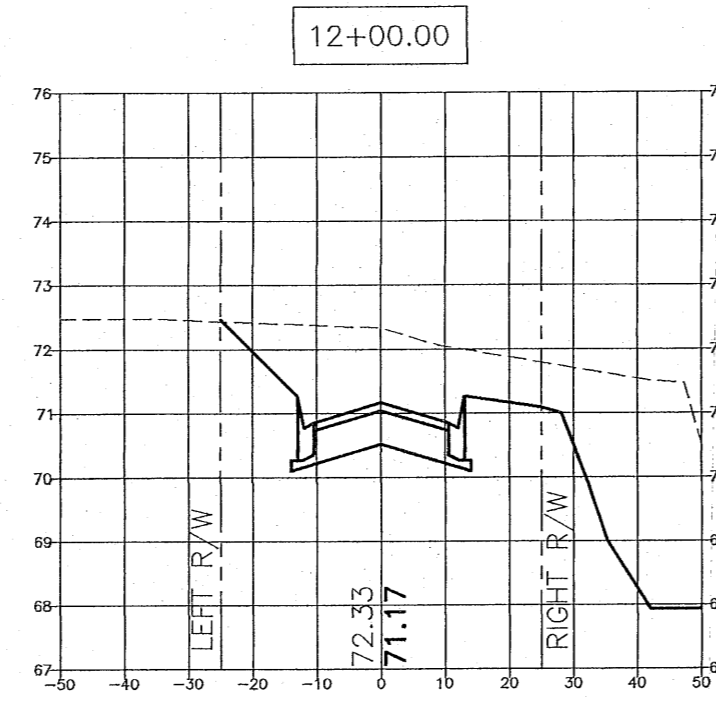
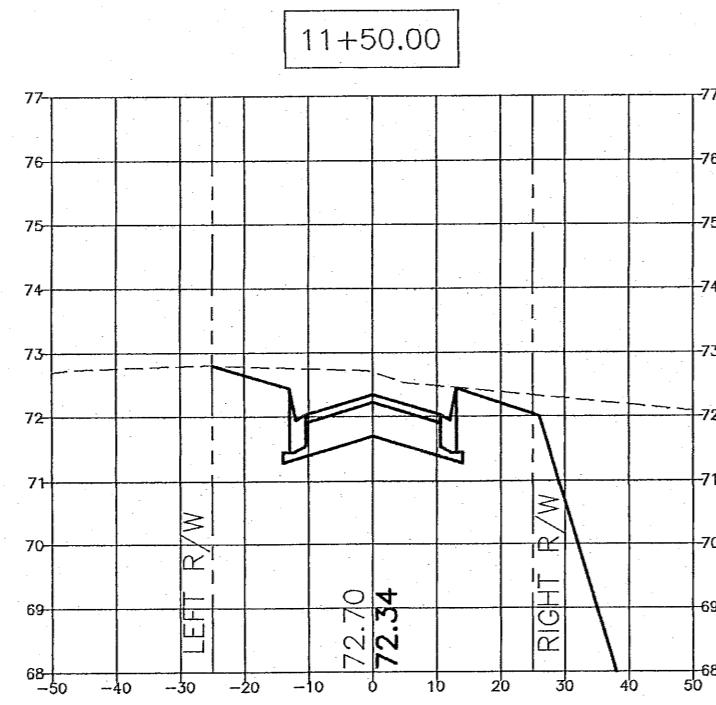
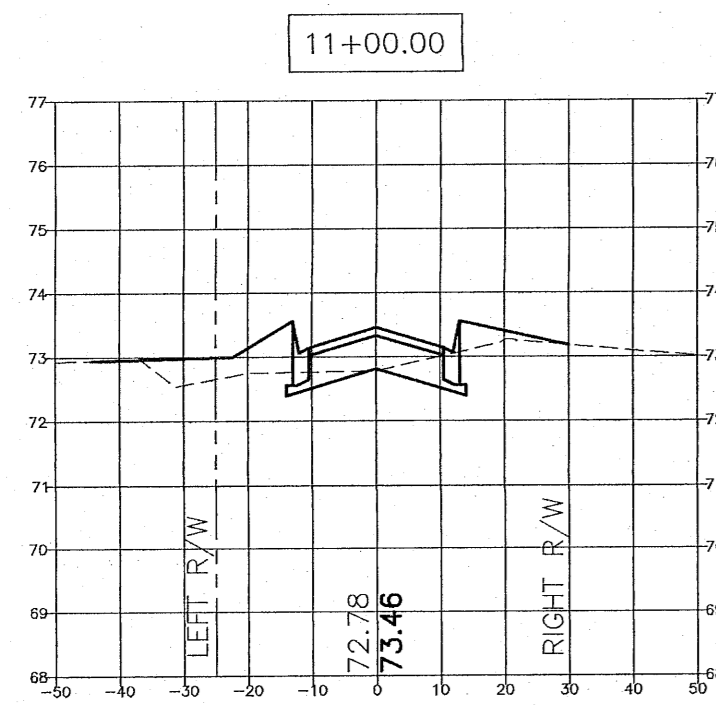
GRAPHIC SCALE

22"x34" SCALE 1 inch = 30 ft.

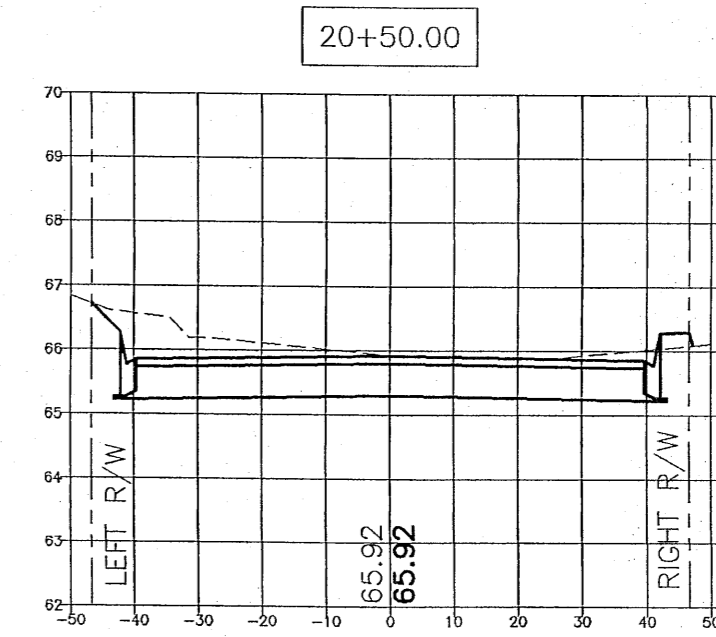
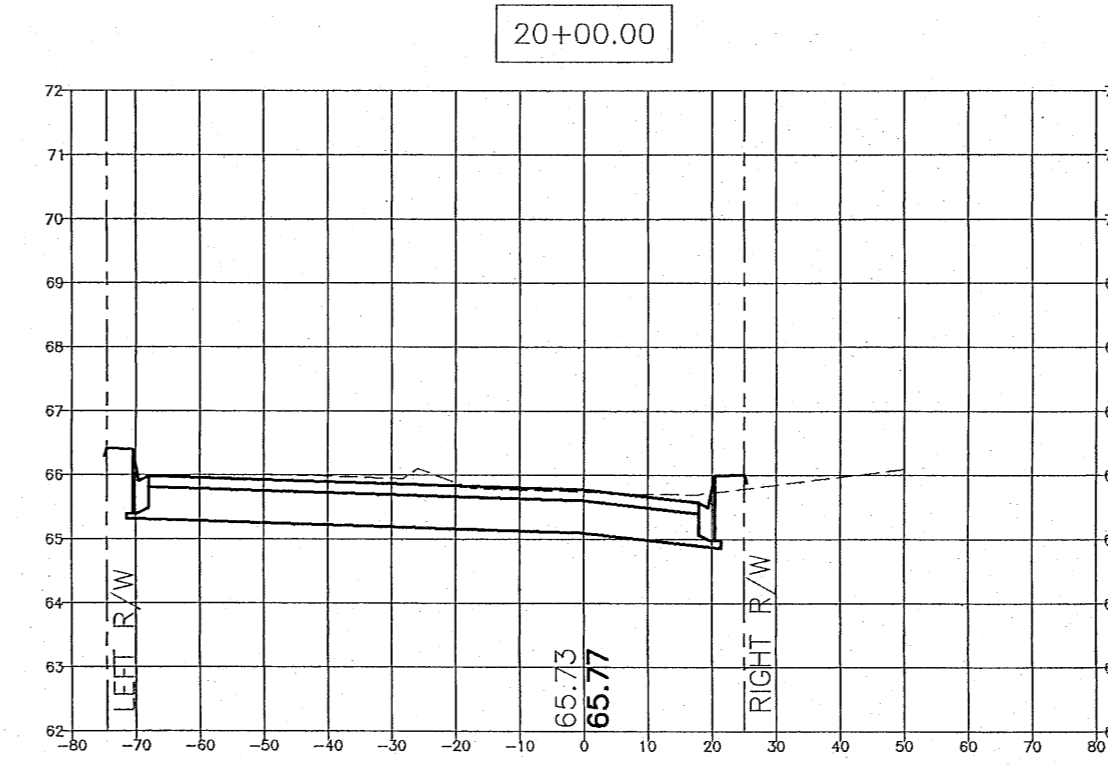
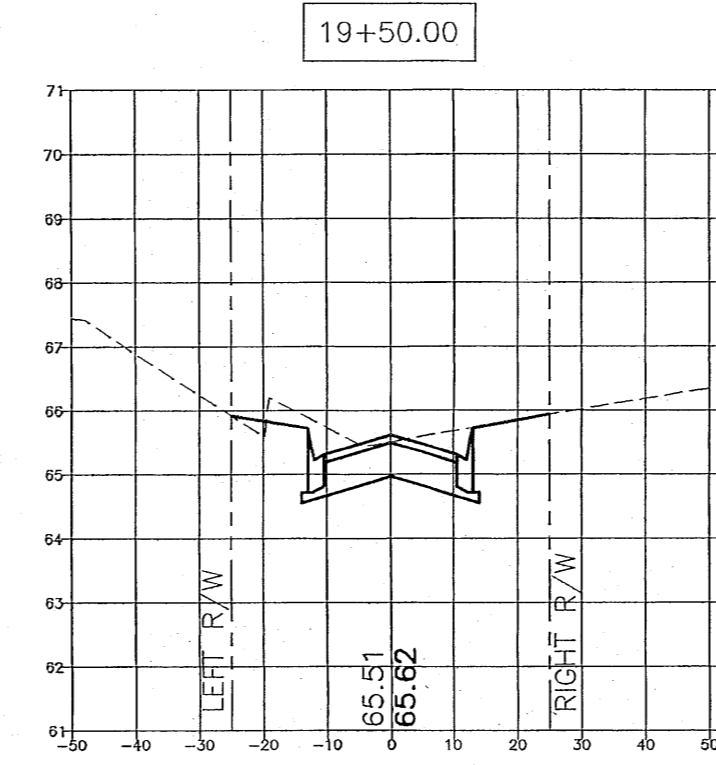
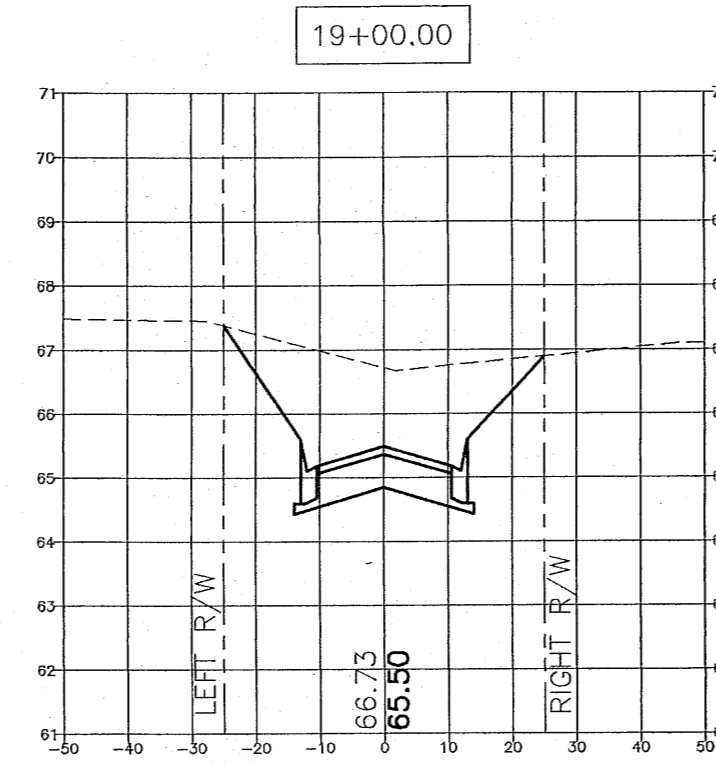
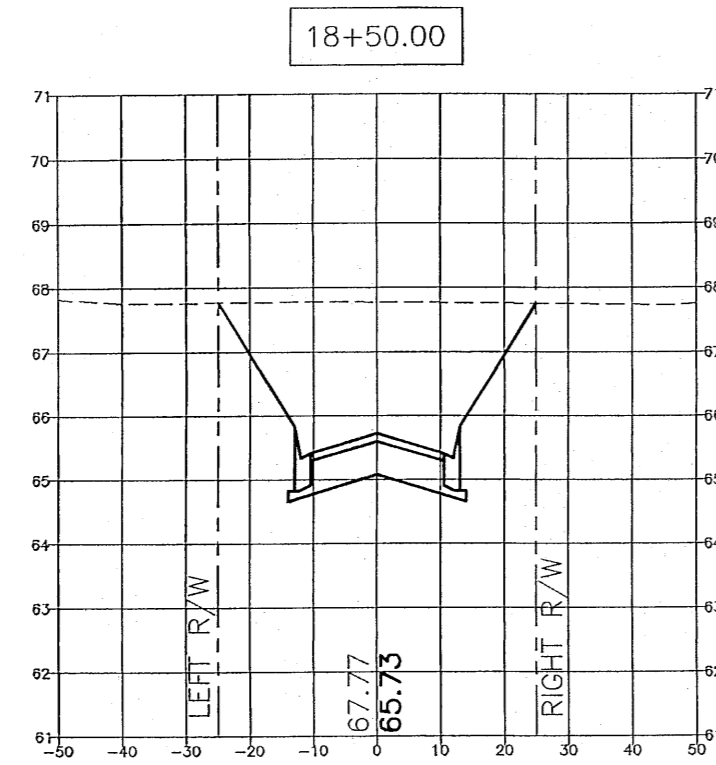
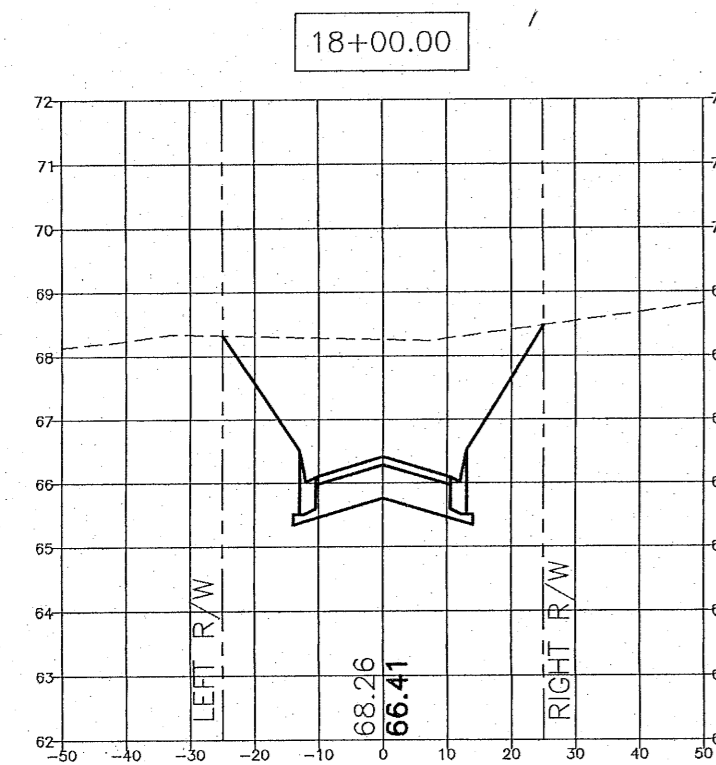
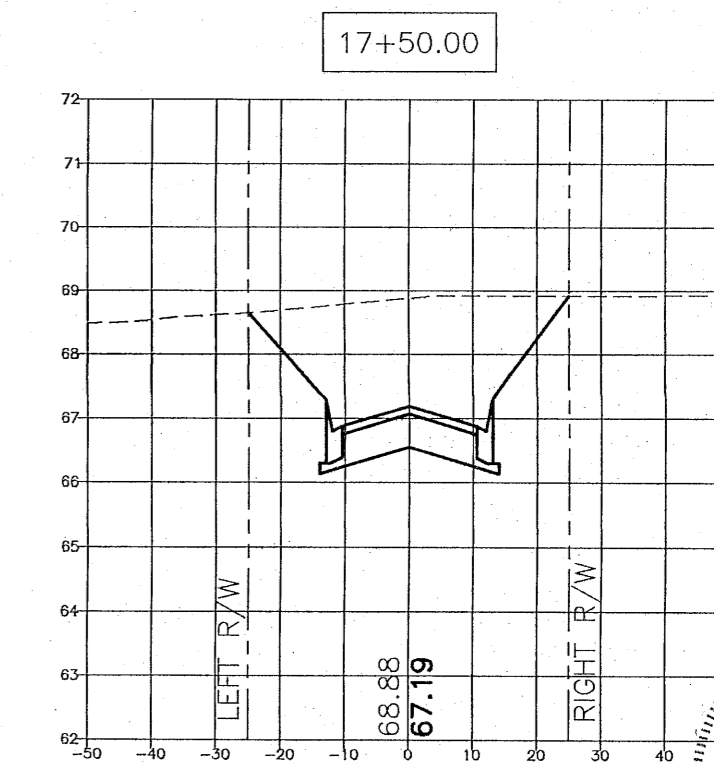
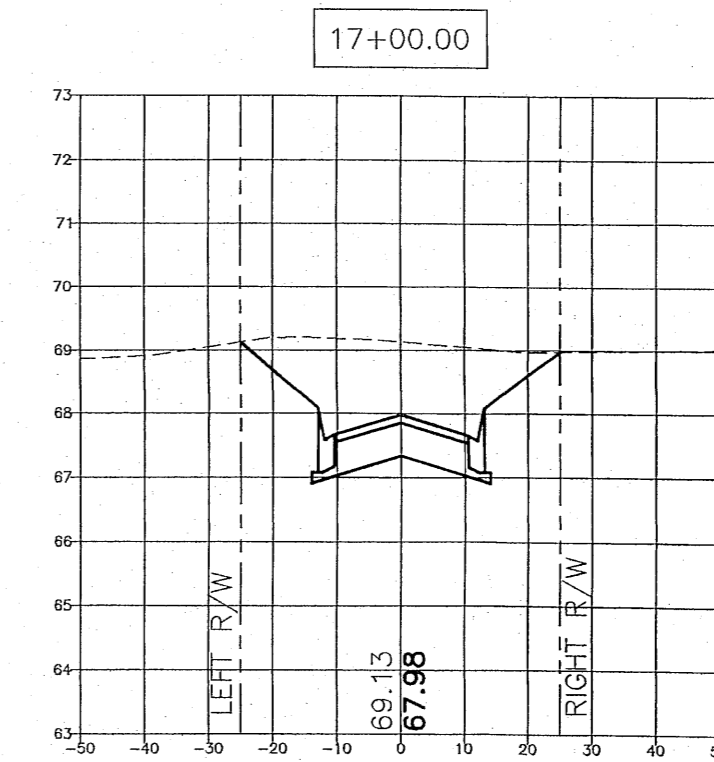
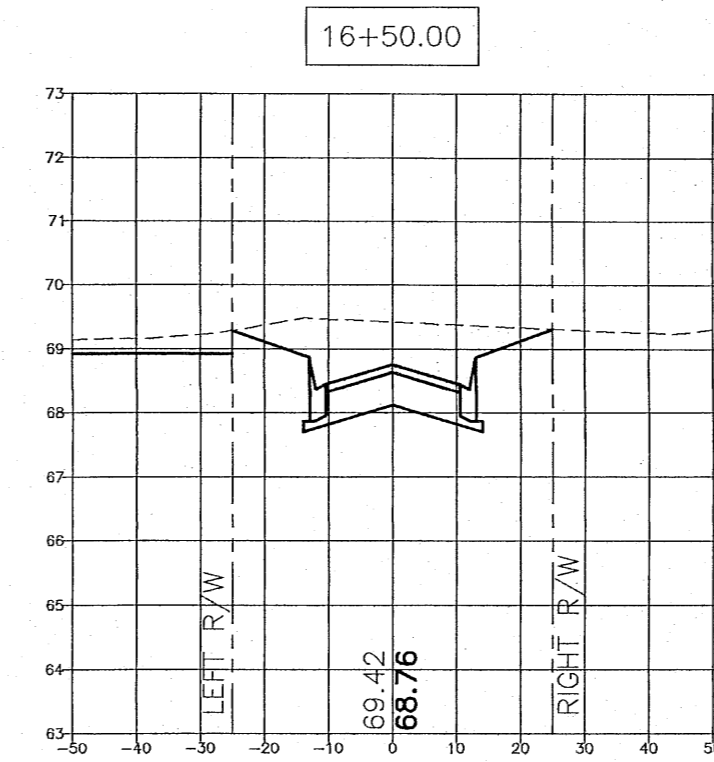
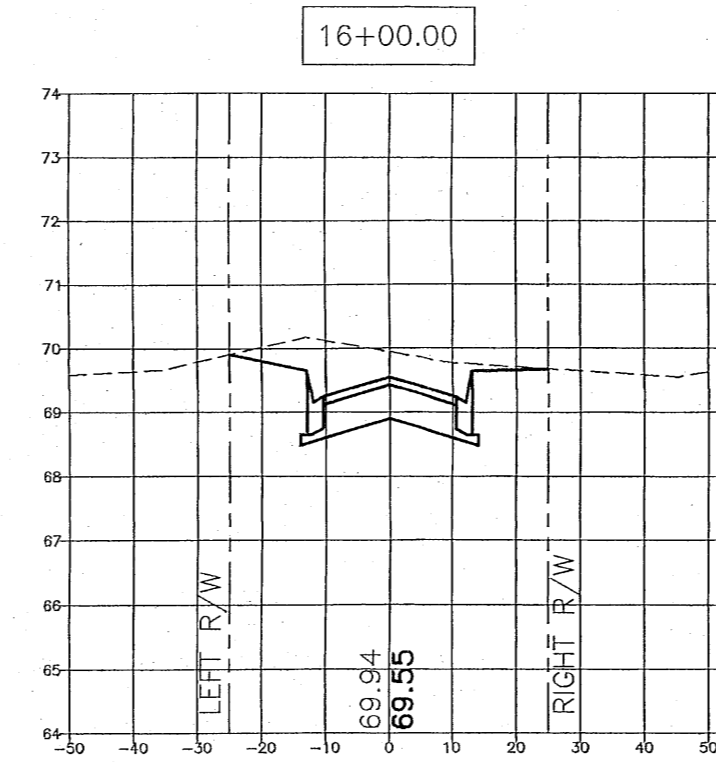
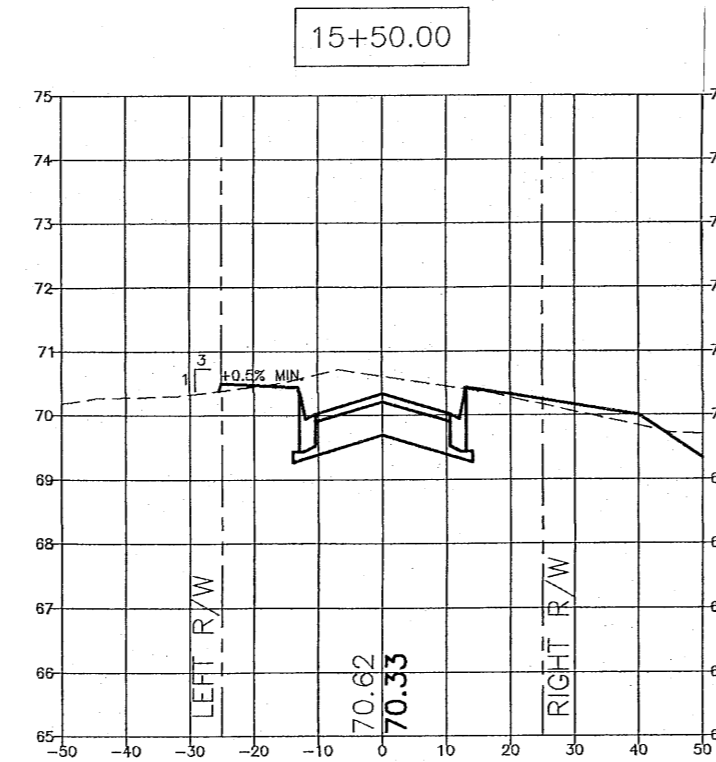
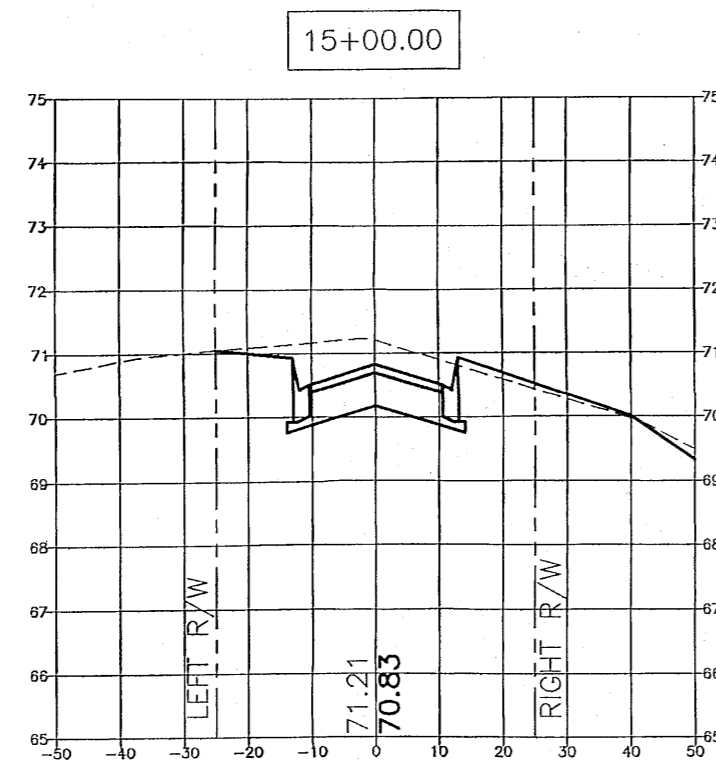
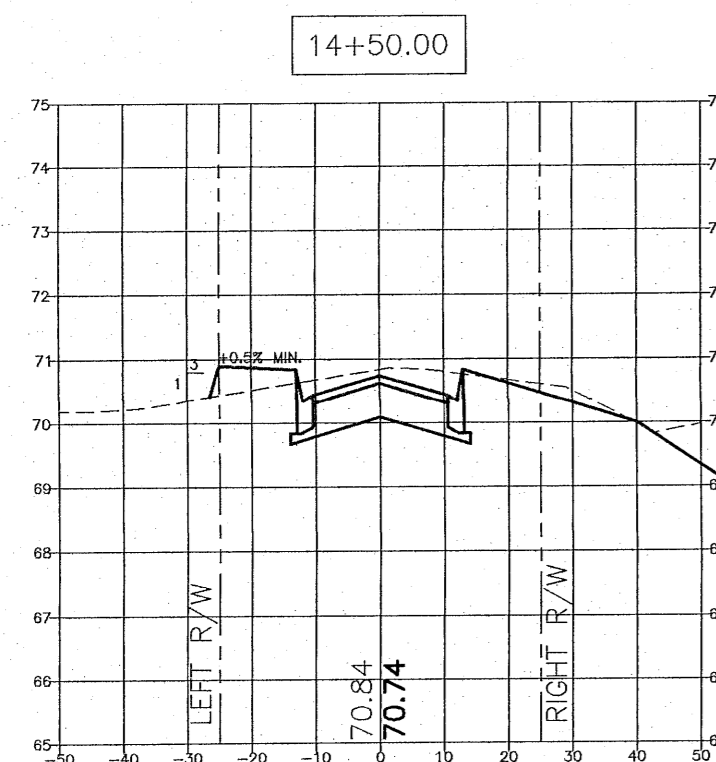
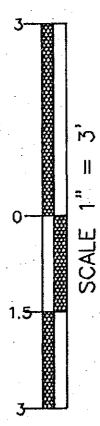


11"x17" SCALE 1 inch = 60 ft.

EXISTING GRADE
PROPOSED GRADE

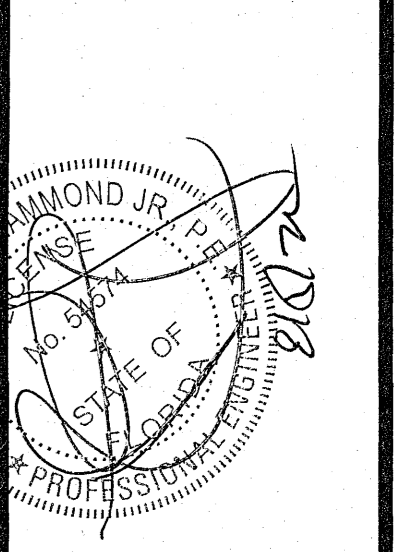


VERTICAL SCALE



NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECDA REVIEW COMMENTS
2.	07/07/2021	AS PER ECDA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
5.	10/06/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER NWFWMD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

HE
 HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "S" STREET
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 850.434.2603
 FAX 850.434.2650
 TOM@SELANDESIGN.COM



CONSTRUCTION PLANS
 FOR
FOREST HOLLOW
 CROSS SECTIONS
 ESCAMBIA COUNTY FLORIDA

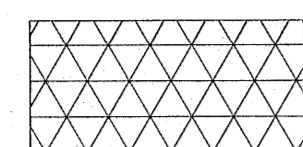
DRAWN BY: JLV/ICV
 DESIGNED BY: TGH/ARS
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR
 CONSTRUCTION
 BY: _____
 DATE: _____

GRAPHIC SCALE

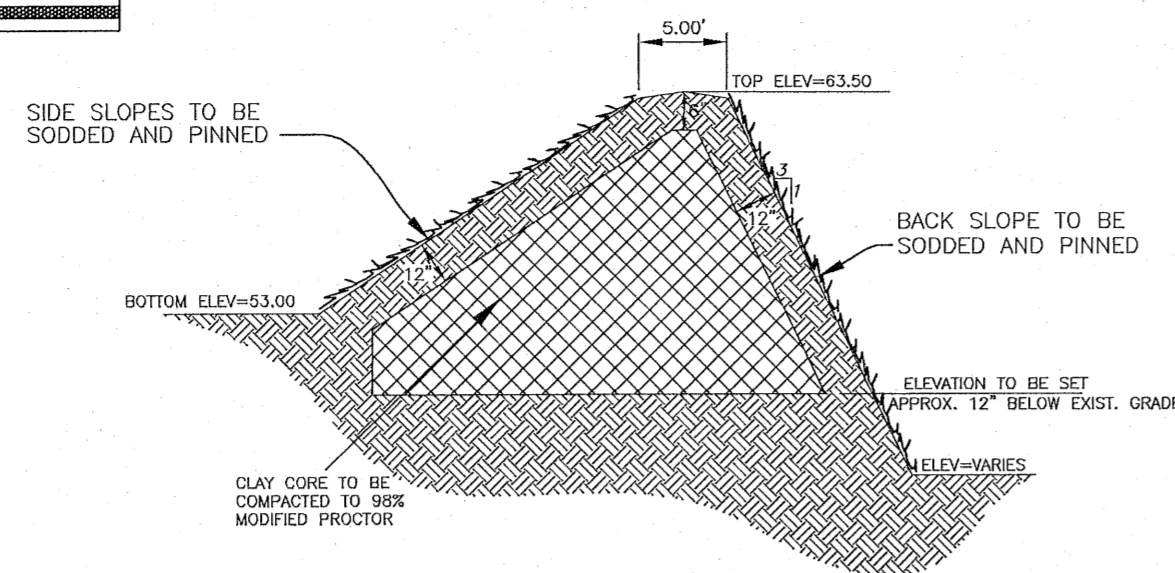
22"x34" SCALE 1 inch = 30 ft.



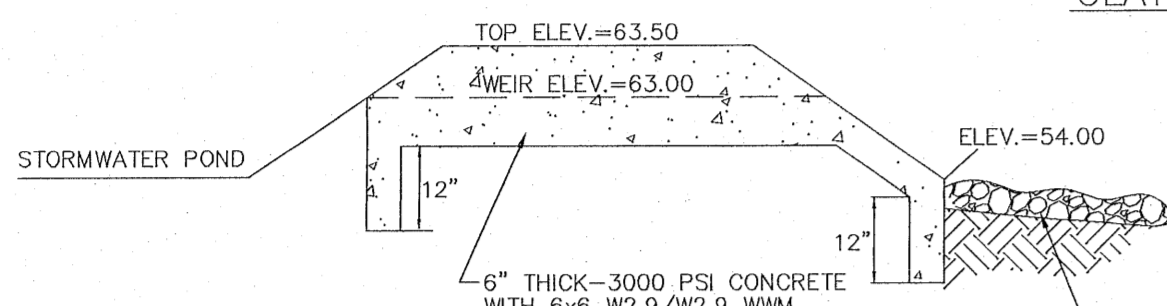
11"x17" SCALE 1 inch = 60 ft.



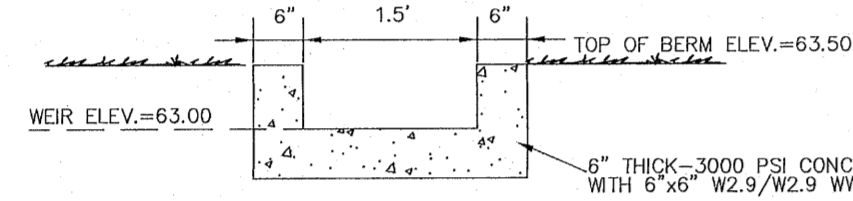
DENOTES PROPOSED CLAY CORE BERM
17,017 SF - 0.39 AC



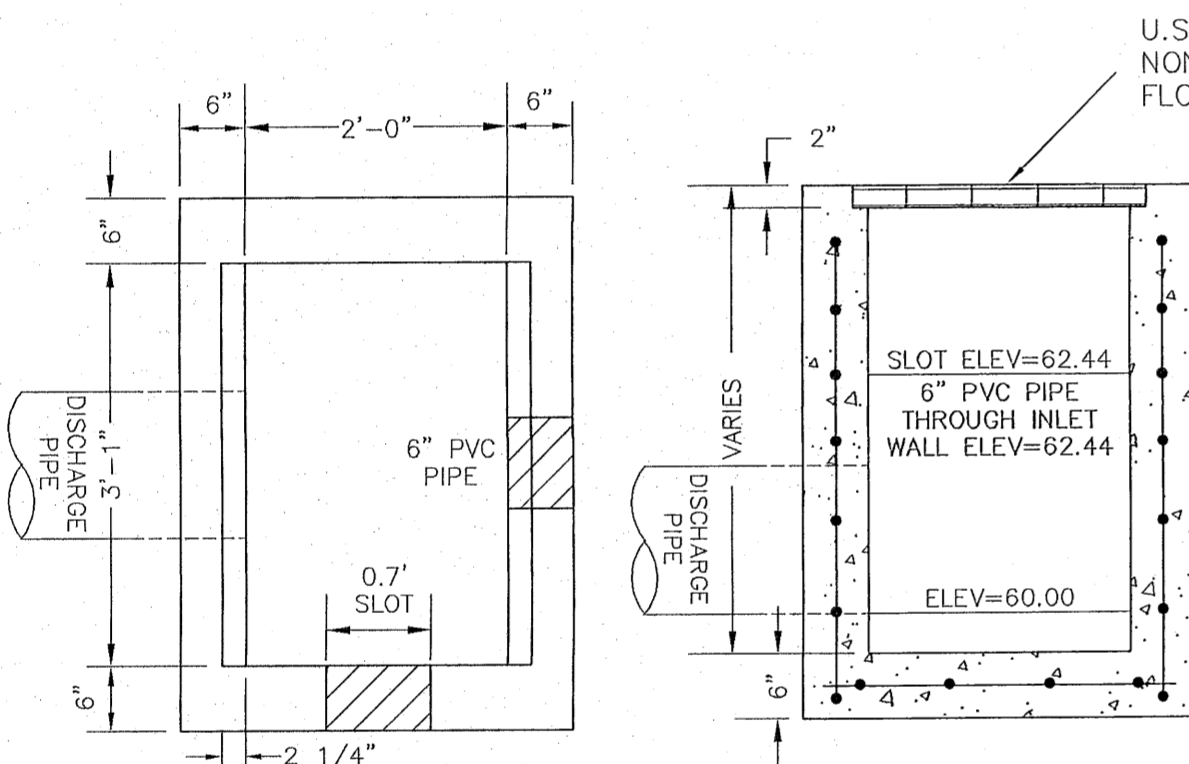
CLAY CORE BERM DETAIL
NTS



EMERGENCY WEIR PROFILE
NTS



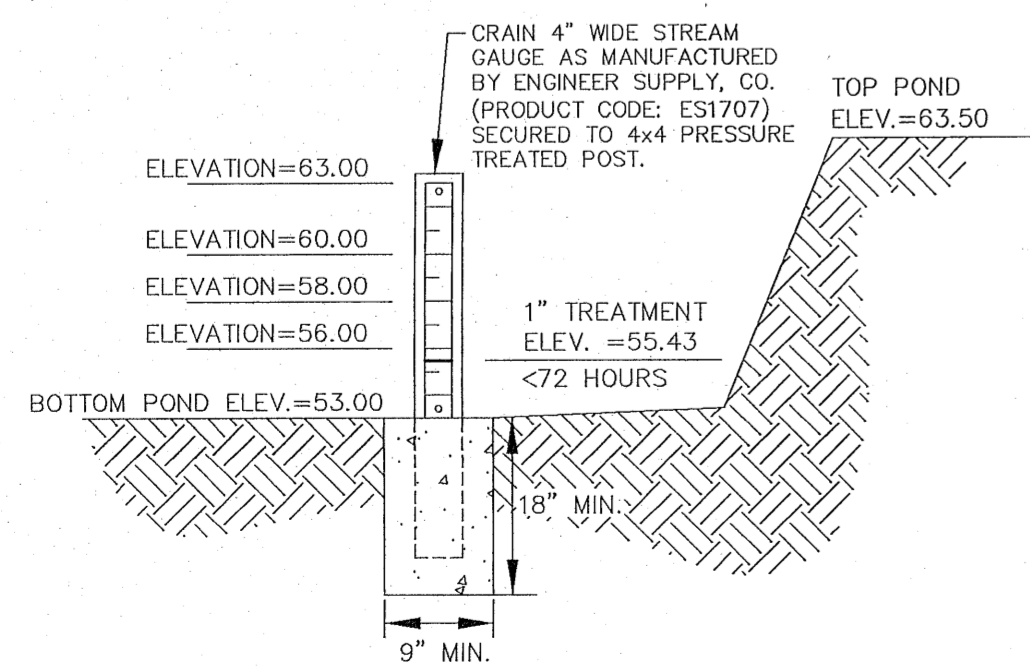
WEIR X-SECTION
NTS



FDOT TYPE 'C' OVERFLOW STRUCTURE (S-107)

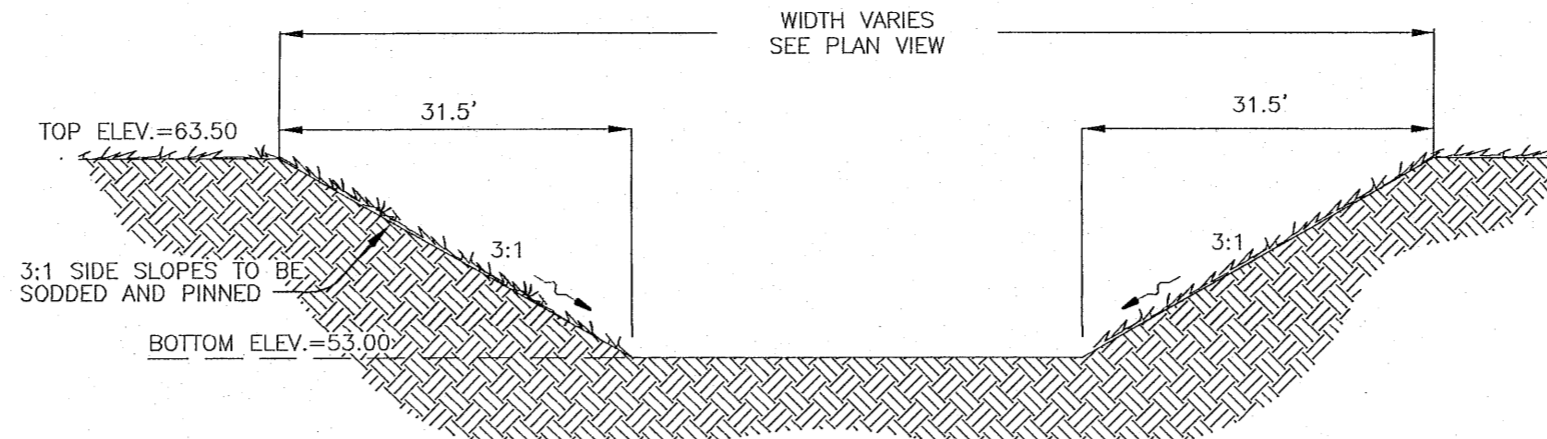
MATERIALS:
CONCRETE: 4000 PSI, TYPE II CEMENT
WALL REINFORCING: 3x4 W3 1MM 1 WWF 65 K.S.I. (AS PER FDOT INDEX 201)
BOTTOM SLAB REINFORCING: #4 @ 12" C.C.E.W.*

NOTE:
ALL EXPOSED EDGES TO HAVE 3/4" CHAMFER
*GRADE 40, OR EQUIVALENT WELDED WIRE MESH.



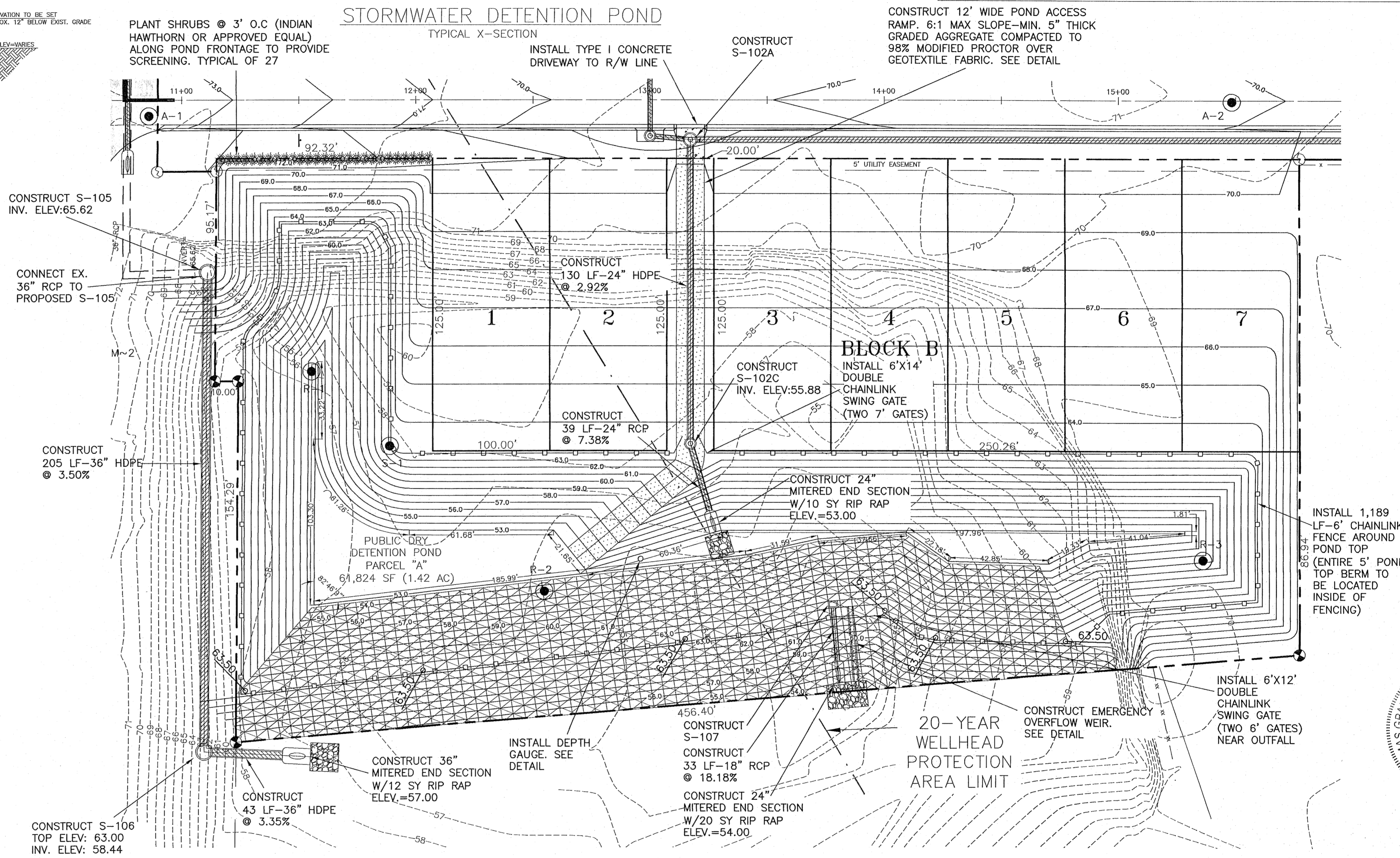
DEPTH GAUGE DETAIL
N.T.S.

NOTE: DEPTH GAUGE (OR EQUIVALENT) SHALL BE INSTALLED AND MAINTAINED IN EACH FILTER POND. THE MINIMUM HEIGHT ABOVE THE GROUND SHALL BE THAT OF THE TREATMENT VOLUME. SHOULD THE GAUGE STAND HIGHER THAN THE TREATMENT ELEVATION, THE TREATMENT ELEVATION NEEDS TO BE CLEARLY MARKED ON THE GAUGE.



STORMWATER DETENTION POND
TYPICAL X-SECTION

CONSTRUCT 12' WIDE POND ACCESS RAMP. 6:1 MAX SLOPE-MIN. 5" THICK GRADED AGGREGATE COMPACTED TO 98% MODIFIED PROCTOR OVER GEOTEXTILE FABRIC. SEE DETAIL



CONSTRUCT S-105 INV. ELEV:65.62

CONNECT EX. 36" RCP TO PROPOSED S-105

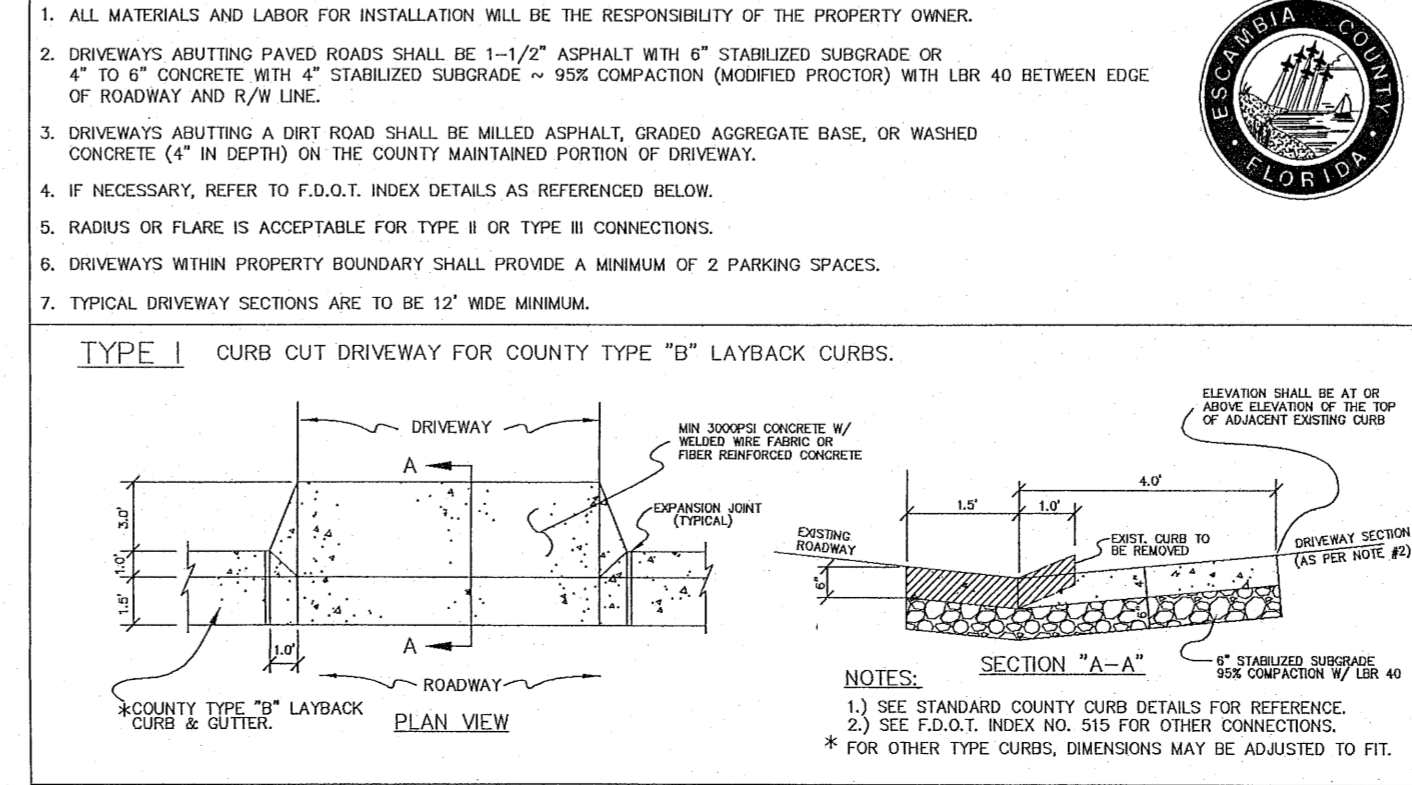
CONSTRUCT 205 LF-36" HDPE @ 3.50%

CONSTRUCT S-106 TOP ELEV: 63.00 INV. ELEV: 58.44

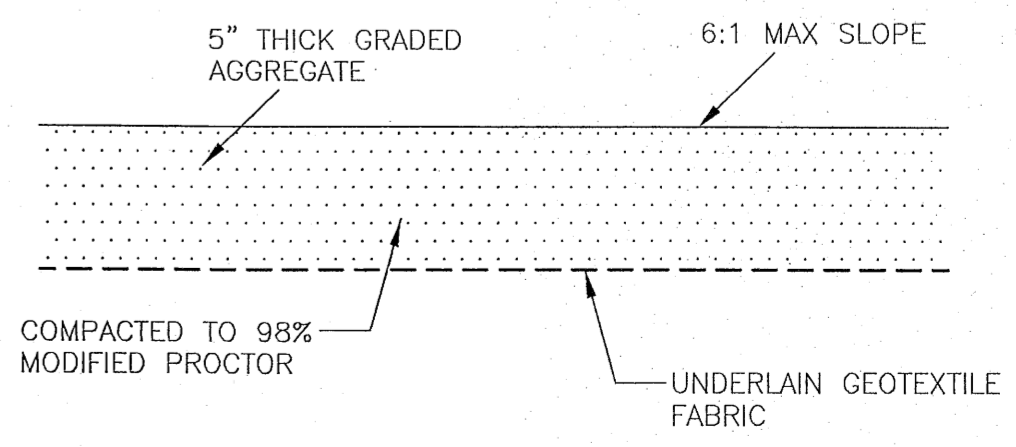
DETENTION BASIN CONSTRUCTION

- INITIALLY INSTALL ALL EROSION AND SEDIMENT CONTROL BMP'S AS ILLUSTRATED ON THE EROSION CONTROL PLAN PROVIDED AS PART OF THESE PLANS.
- CONSTRUCT THE DETENTION BASIN TO ROUGH GRADE BY UNDER-EXCAVATING THE BASIN BOTTOM AND SIDES BY ABOUT 6 INCHES.
- AFTER THE DRAINAGE AREA CONTRIBUTING TO THE BASIN HAS BEEN FULLY STABILIZED, THE INTERIOR SIDE SLOPES SHALL BE EXCAVATED TO FINAL DESIGN SPECIFICATIONS. THE EXCESS SOIL AND UNDESIRABLE MATERIAL MUST BE CAREFULLY EXCAVATED AND REMOVED FROM THE POND SO THAT ALL ACCUMULATED SILTS, CLAYS, ORGANICS, AND OTHER FINE SEDIMENT MATERIAL HAS BEEN REMOVED FROM THE POND AREA. THE EXCAVATED MATERIAL SHALL BE DISPOSED OF BEYOND THE LIMITS OF THE DRAINAGE AREA OF THE BASIN.
- ONCE THE BASIN HAS BEEN EXCAVATED TO FINAL GRADE, THE ENTIRE BASIN BOTTOM MUST BE DEEP RAKED AND LOOSENED FOR OPTIMAL FILTRATION.
- FINALLY, THE ENTIRE BANK SLOPE SHALL BE PERMANENTLY STABILIZED IN A MANNER THAT GUARANTEES HEALTHY GROWTH OF GRASS (FREE FROM NOXIOUS WEEDS) SUCH AS PANGOLA, ARGENTINE BAHIA, BERMUDA, CENTIPEDE OR OTHER SUITABLE GRASS.

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR EXISTING ROADWAY CONDITIONS



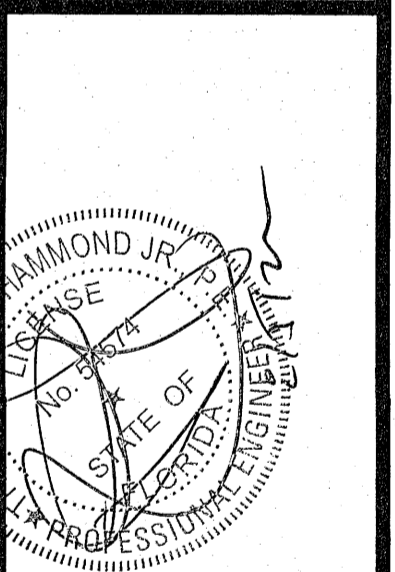
BORING #	EXISTING ELEVATION
R-1	56.004/-
R-2	56.754/-
R-3	69.754/-



TYPICAL GRAVEL POND ACCESS SECTION
NTS

NO.	DATE	REVISIONS
1	06/07/2021	AS PER ECVA REVIEW COMMENTS
2	07/07/2021	AS PER ECVA REVIEW COMMENTS
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5	10/16/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6	4/15/2022	AS PER NWFWMD REVIEW COMMENTS
7	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

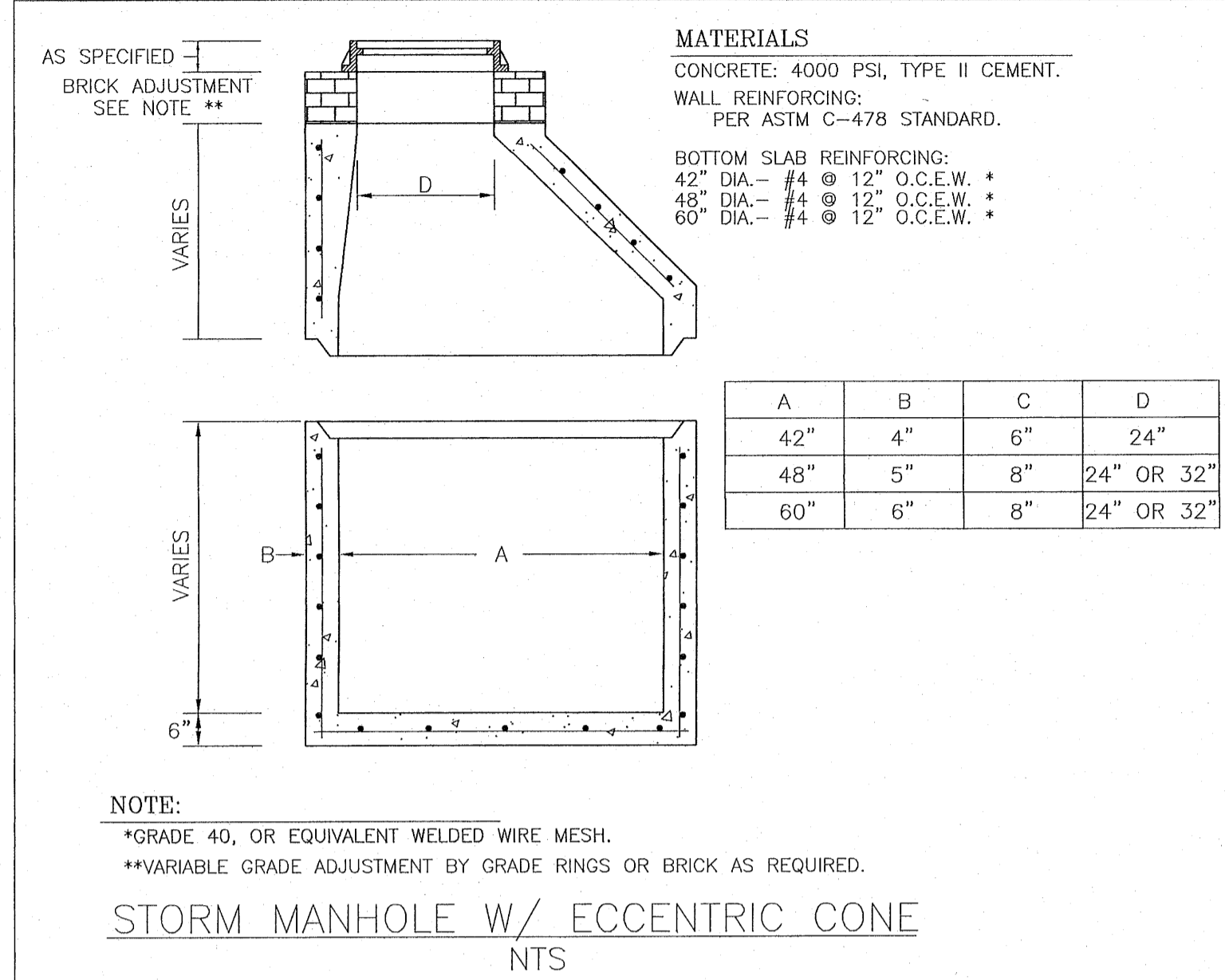
HAMMOND ENGINEERING, INC.
FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
850 434-2650
TOM@SELANDDESIGN.COM



CONSTRUCTION PLANS FOR FOREST HOLLOW STORMWATER POND DETAILS

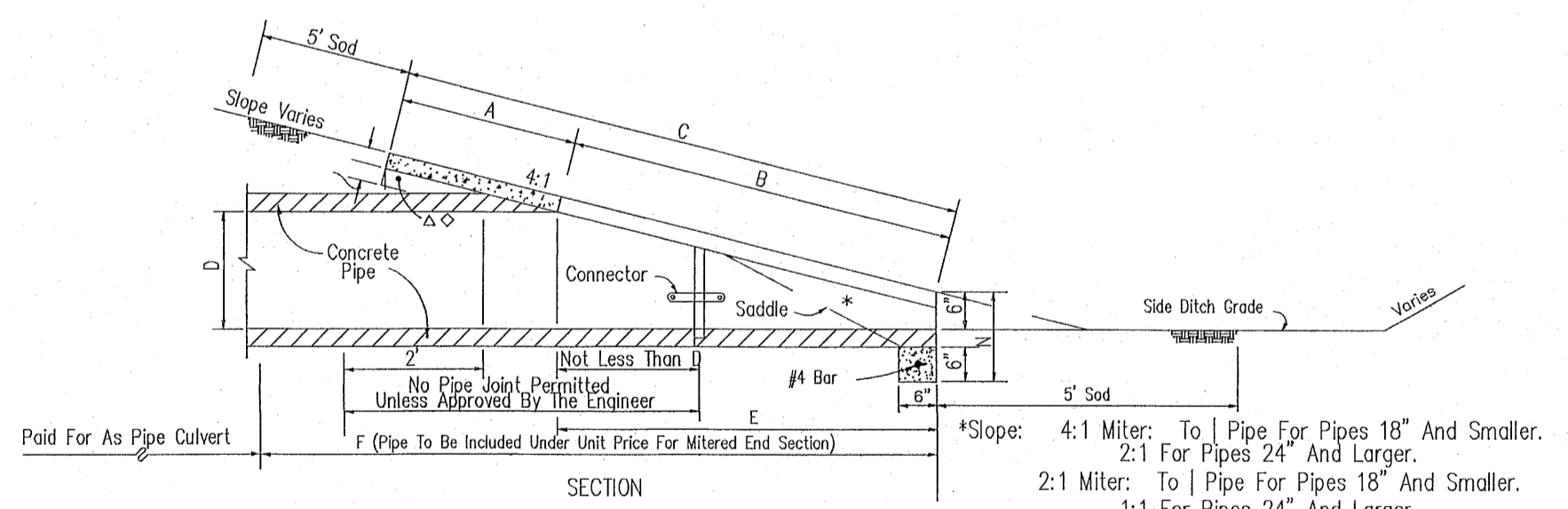
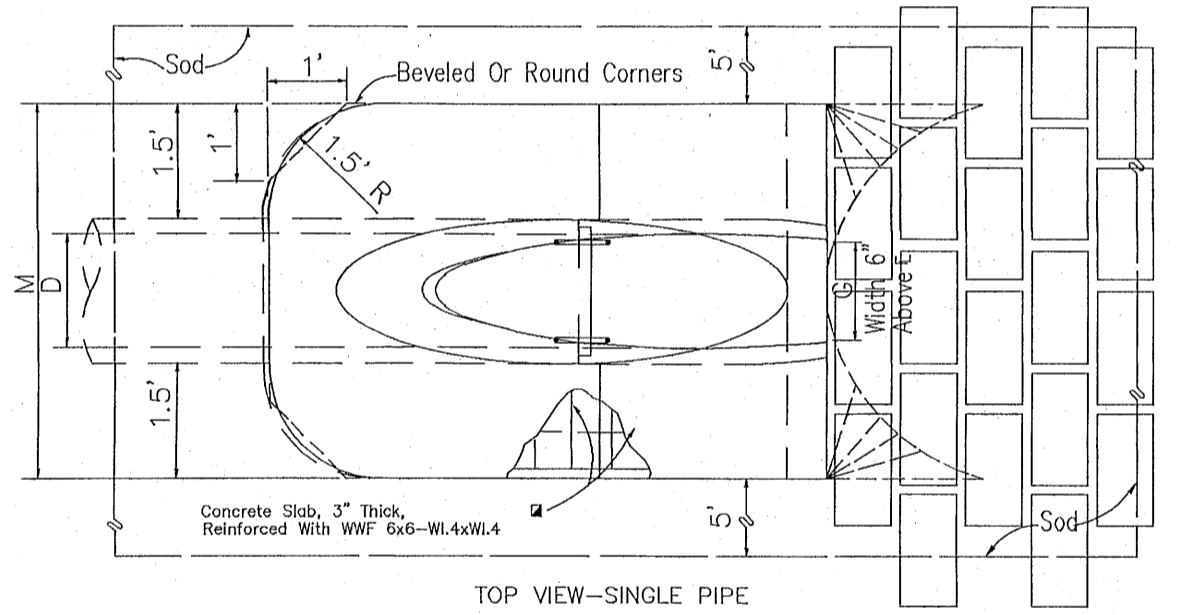
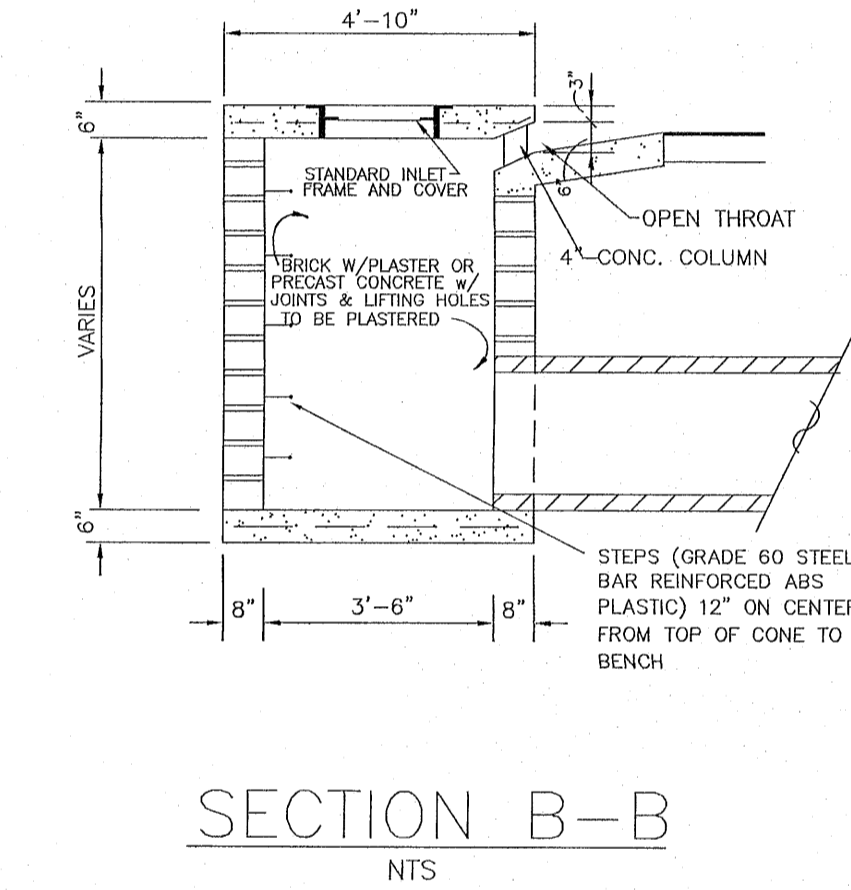
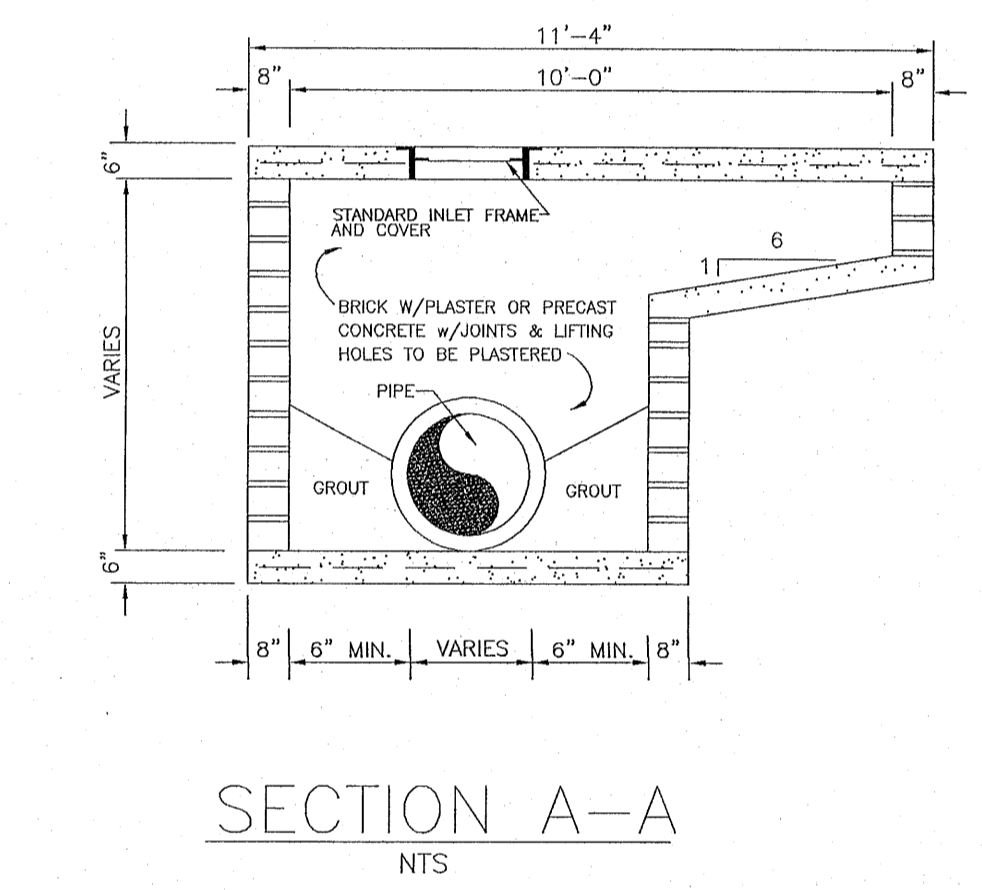
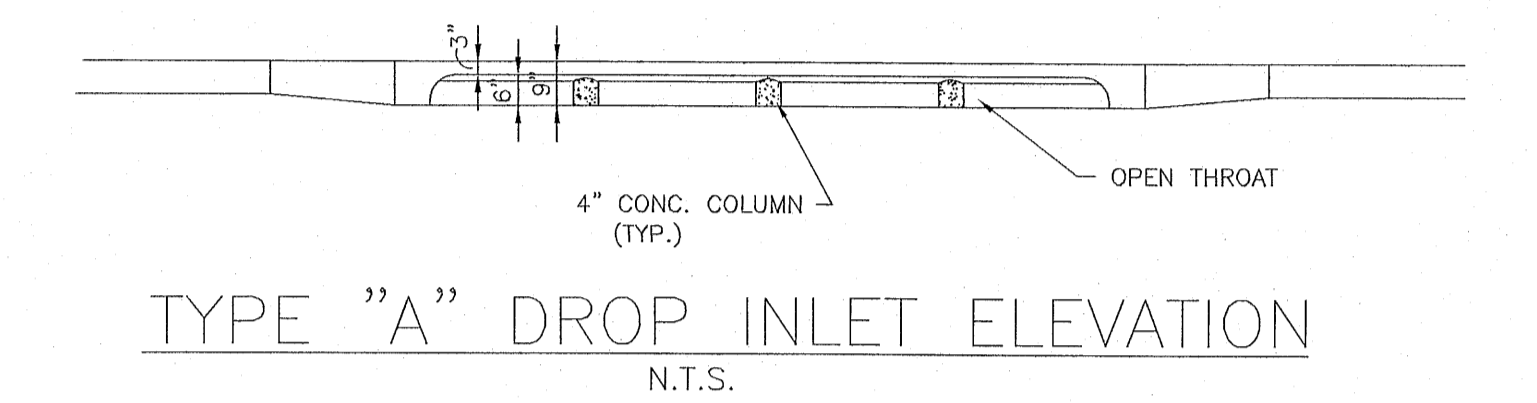
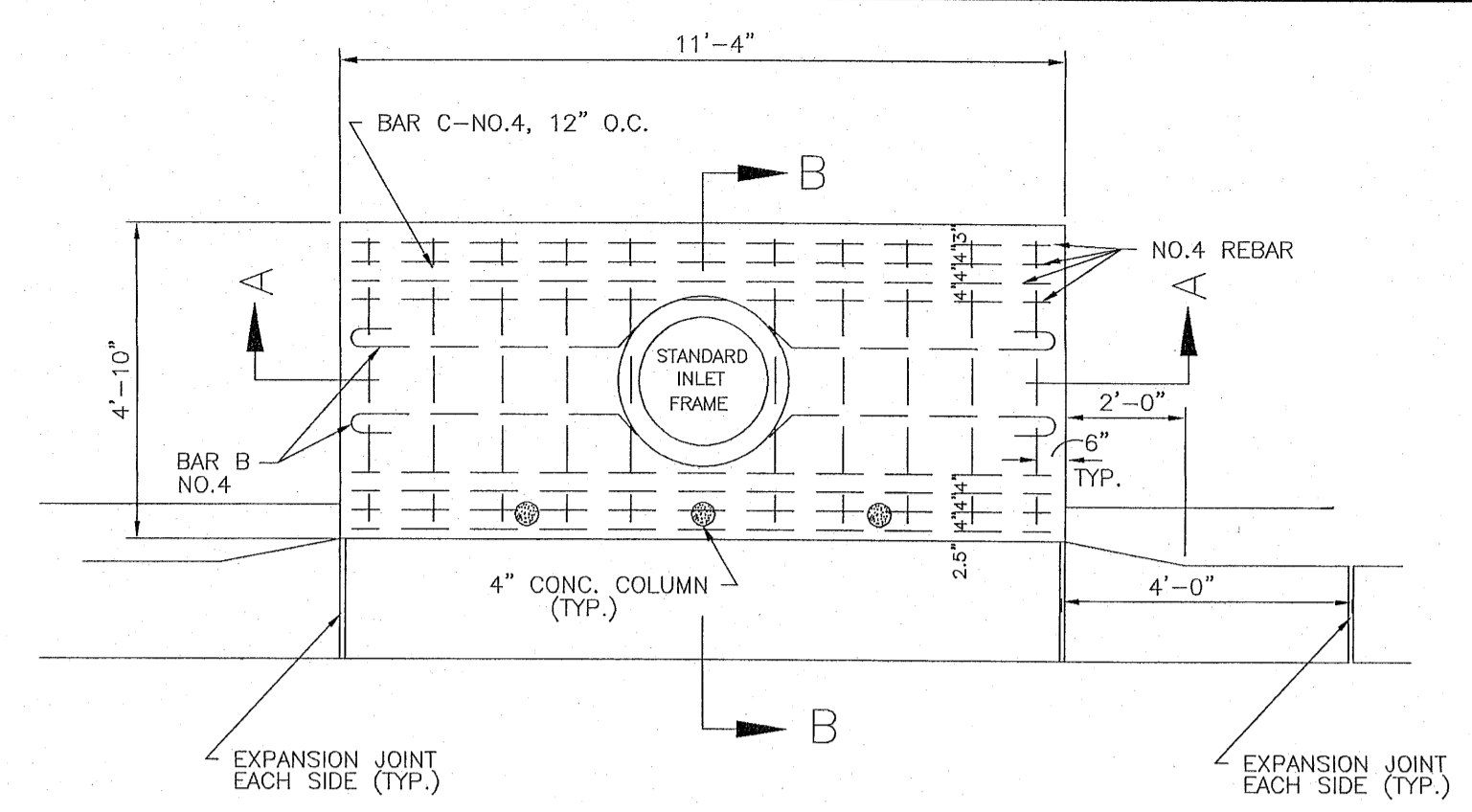
DRAWN BY: JLV/GB
DESIGNED BY: TGH/ARS
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION

PROJECT NO: 19-047
SHEET: C 10



NOTE: MITERED END SECTIONS TO BE INSTALLED IN ACCORDANCE WITH LATEST FDOT DESIGN STANDARDS INDEX NO. 273 AT 1:4 SLOPE. PIPE LENGTH (F) TO BE RCP AND SHOULD BE INCLUDED UNDER THE UNIT PRICE FOR THE MITERED END SECTION. CONCRETE COLLAR TO BE INSTALLED FOR HDPE/RCP CONNECTIONS.

NOTE: ALL STORMWATER STRUCTURES DEEPER THAN 4' ARE TO HAVE STEPS 12" O.C EXTENDING TO THE BOTTOM OF THE STRUCTURE.

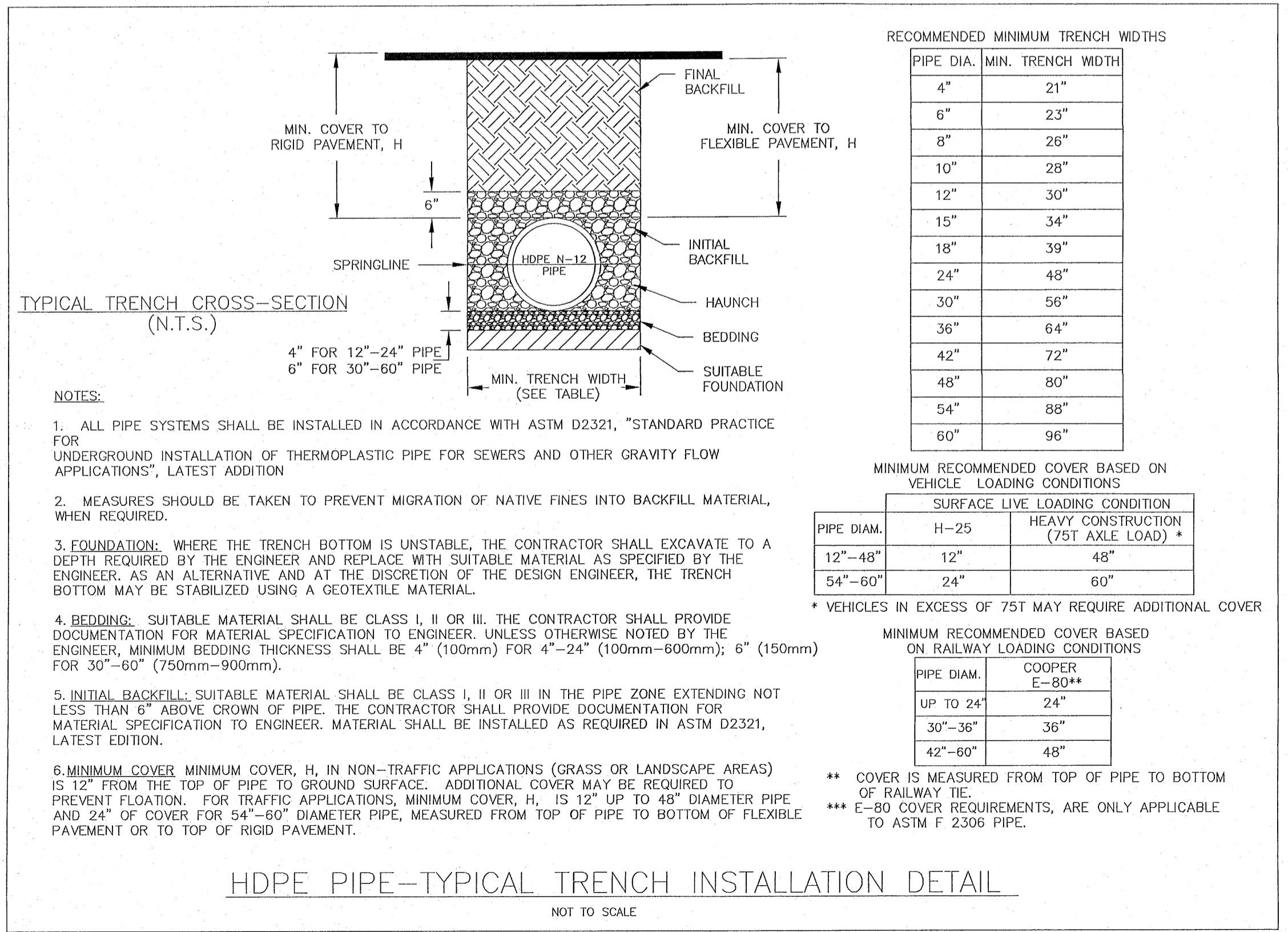


	DIMENSIONS AND QUANTITIES																				
	D	X	A	B	C	E	F	G	M				N								
4:1 Slope	18"	2'-10"	2.35'	5.12'	7.48'	5.03'	9'	1.41'	4.92'	7.75'	10.58'	13.42'	1.21'	0.47	0.69	0.91	1.14	25	28	31	35
4:1 Slope	24"	3'-5"	2.53'	7.18'	9.71'	7.03'	11'	1.73'	5.50'	8.92'	12.33'	15.75'	1.25'	0.60	0.90	1.21	1.52	28	32	36	40
4:1 Slope	30"	4'-3"	2.70'	9.25'	11.95'	9.03'	13'	2.00'	6.08'	10.33'	14.58'	18.83'	1.29'	0.76	1.19	1.63	2.07	31	36	41	46

SINGLE ROUND CONCRETE PIPE

CROSS DRAIN MITERED END SECTION
 NTS

NOTE: MITERED END SECTIONS TO BE INSTALLED IN ACCORDANCE WITH LATEST FDOT DESIGN STANDARDS INDEX NO. 273 AT 1:4 SLOPE. PIPE LENGTH (F) TO BE RCP AND SHOULD BE INCLUDED UNDER THE UNIT PRICE FOR THE MITERED END SECTION. CONCRETE COLLAR TO BE INSTALLED FOR HDPE/RCP CONNECTIONS.



REVISIONS

NO.	DATE	DESCRIPTION
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
5.	10/19/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
6.	4/15/2022	AS PER NFWMD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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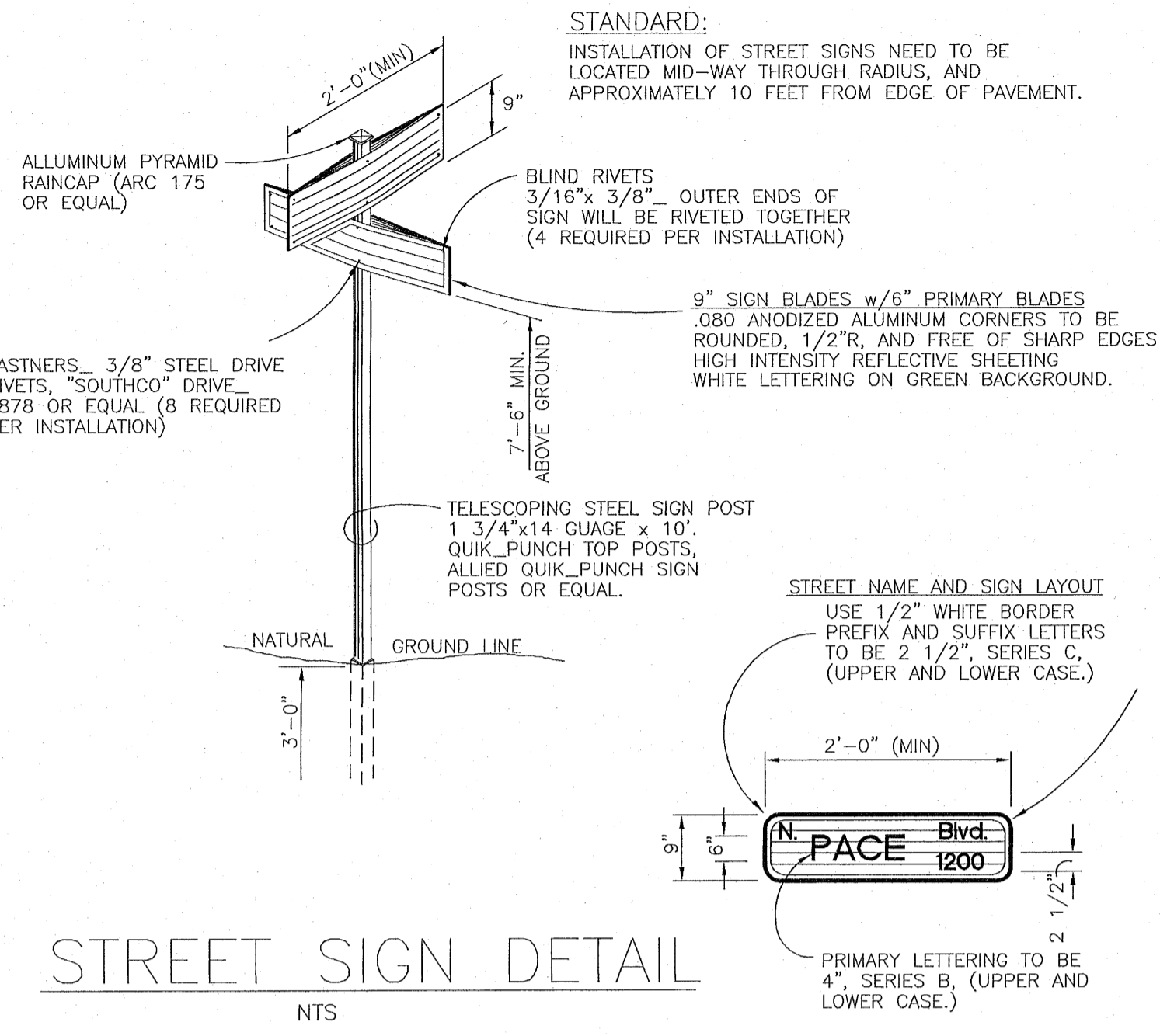
HAMMOND ENGINEERING, INC.
 FLORIDA AUTHORIZATION NO. 9130
 ALABAMA AUTHORIZATION NO. 3277
 3802 NORTH "G" STREET
 PENSACOLA, FLORIDA 32505
 850 434-2603
 FAX 850-434-2650
 TOM@SELANDESIGN.COM

PROFESSIONAL ENGINEER
 FLORIDA
 12565 GRANT ROAD
 TAMPA, FLORIDA 33613

CONSTRUCTION PLANS FOR FOREST HOLLOW STORMWATER DETAILS
 ESCAMBIA COUNTY FLORIDA

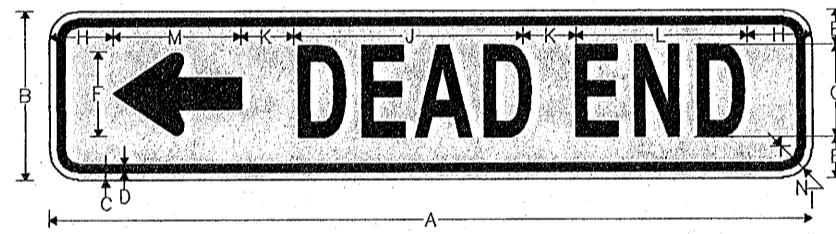
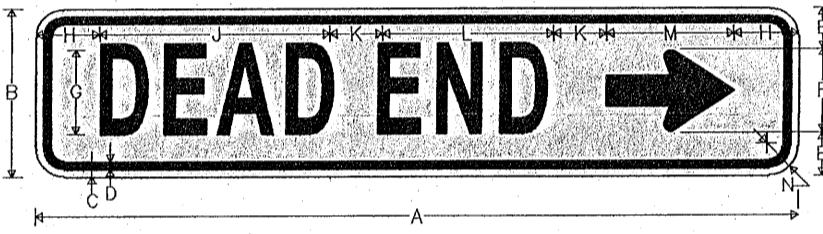
DESIGNED BY: TSH/ABE
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION
BY: _____
DATE: _____

PROJECT NO: 19-047
SHEET: C11



STREET SIGN DETAIL

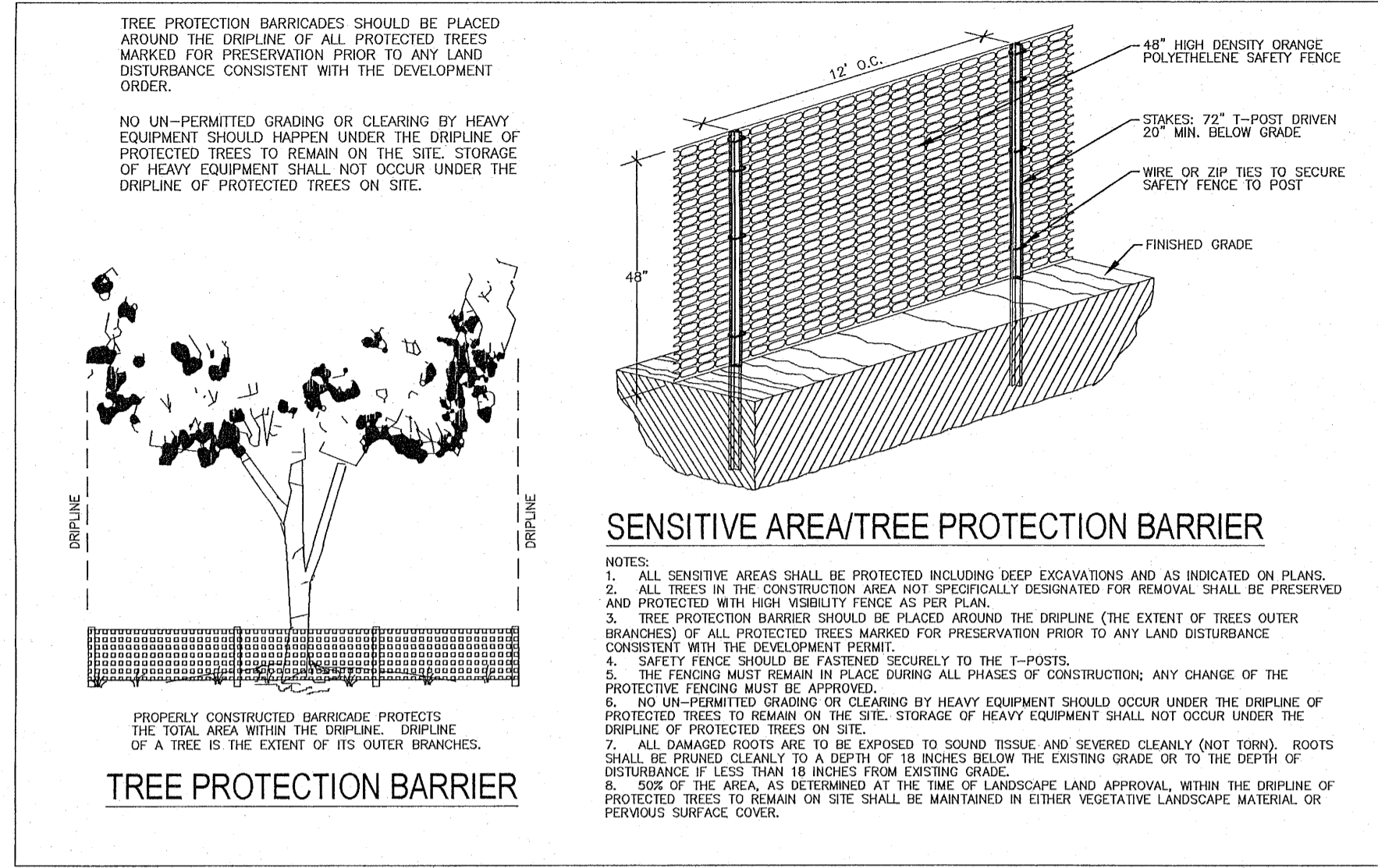
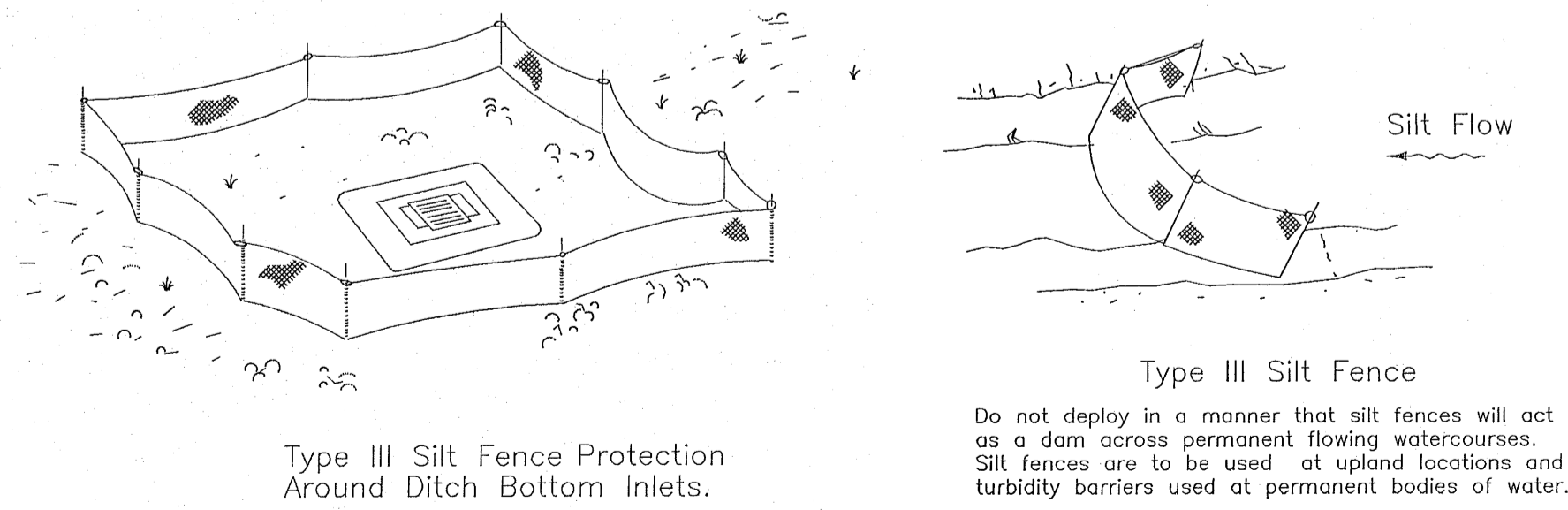
NOTE: STREET SIGN AT INTERSECTION MAIER COURT AND BLUE ANGEL PARKWAY TO HAVE CO-MOUNTED DEAD END (W14-1AL) SIGN.



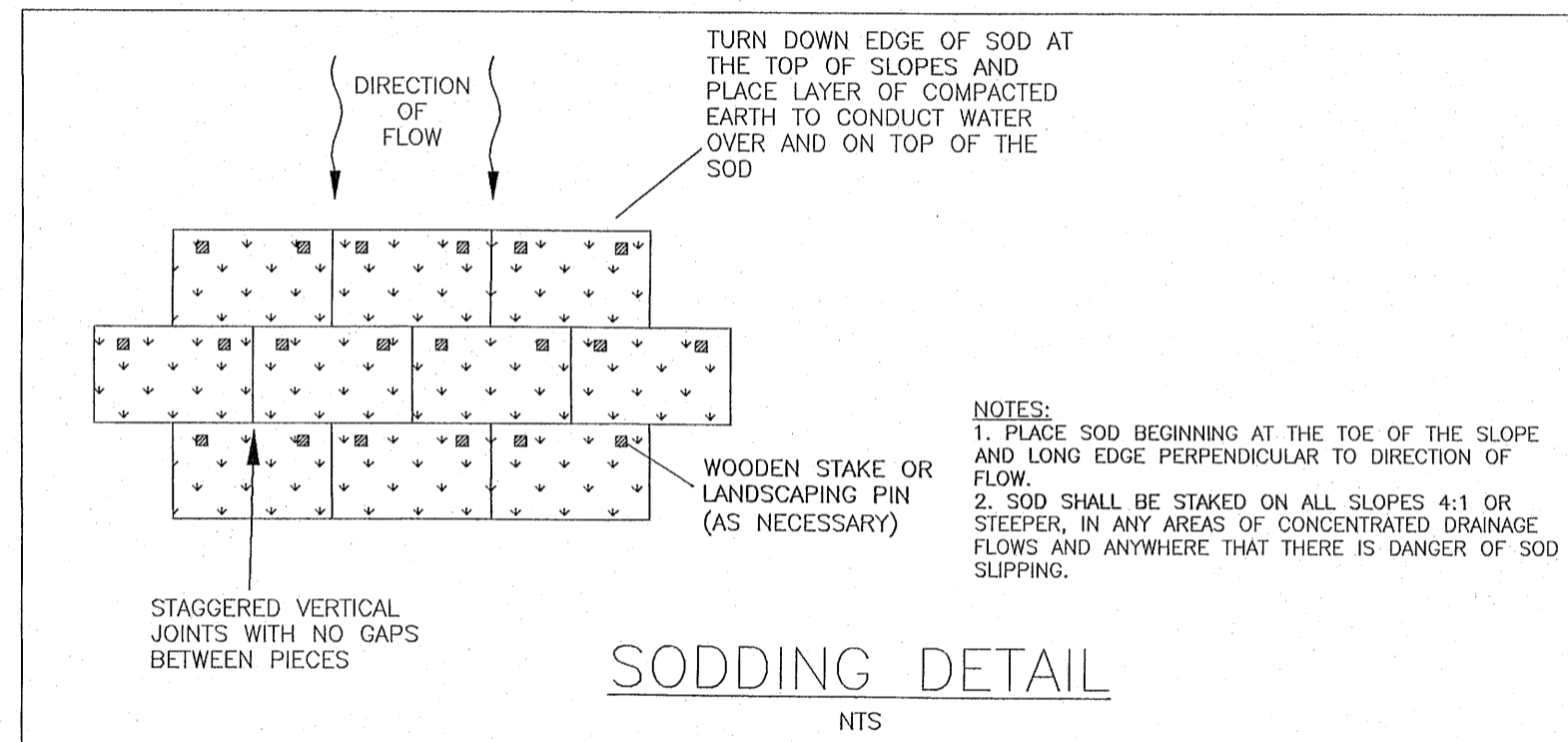
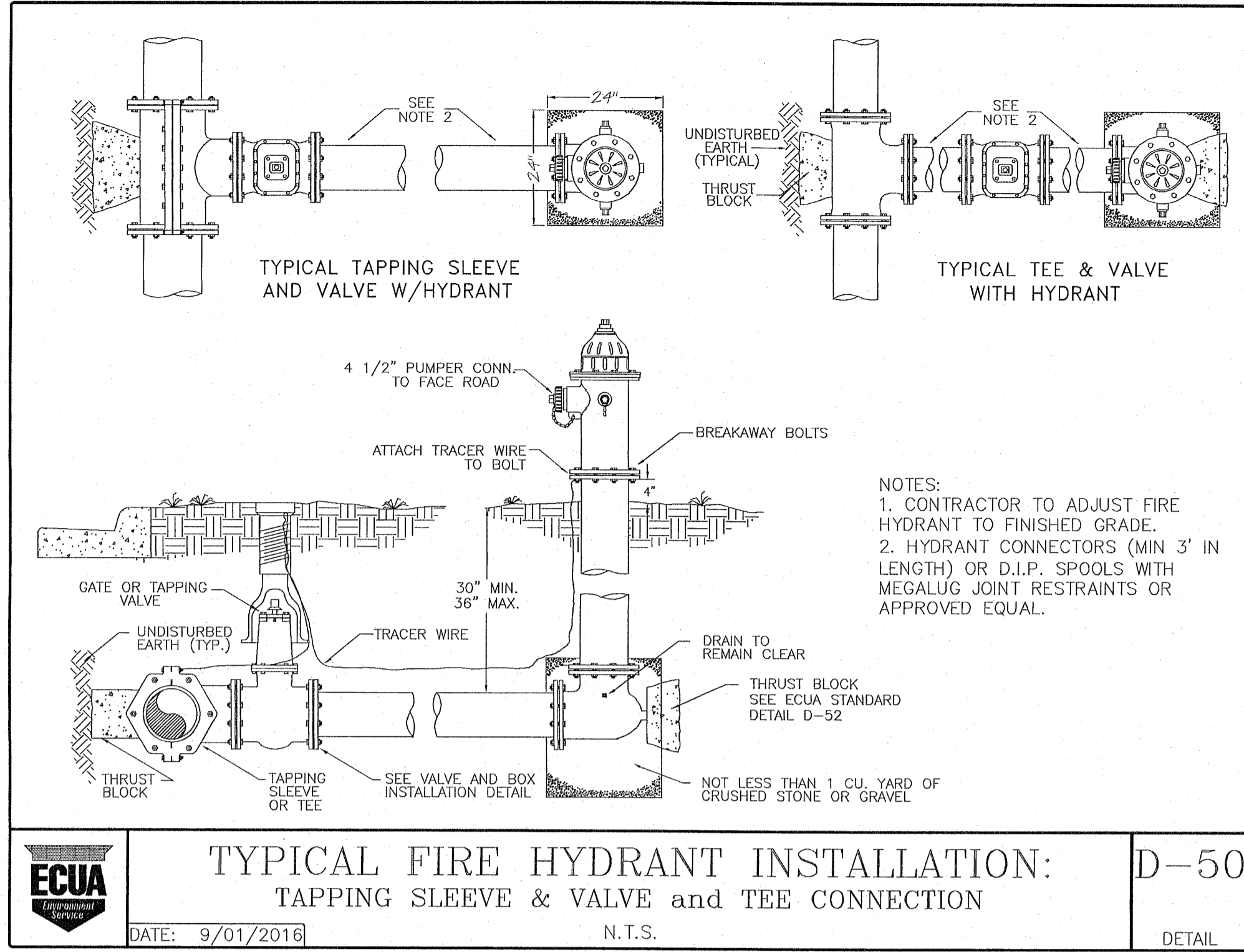
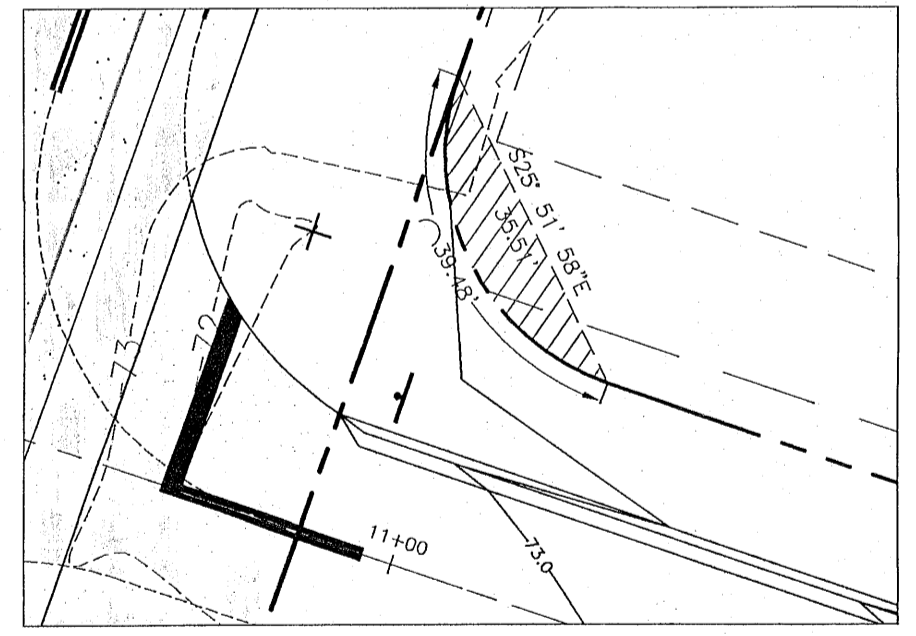
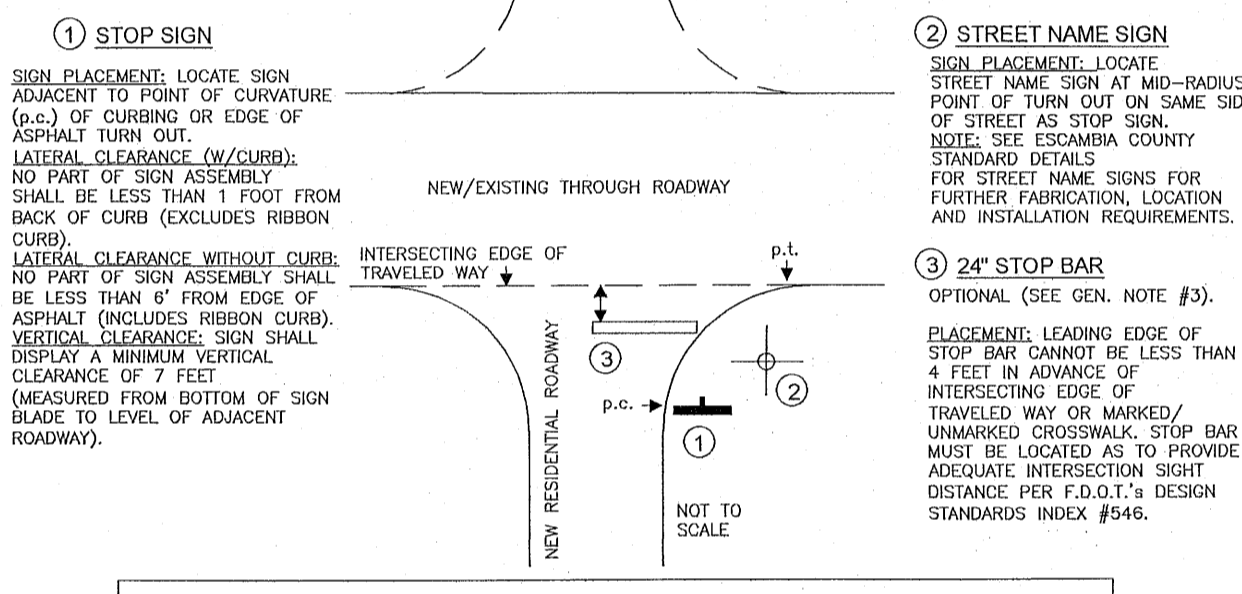
A	B	C	D	E	F	G	H	J	K	L	M	N
24	6	0.375	0.375	1.5	3	3B	2.033	6.573	2	4.862	4.5	1.5
36	8	0.375	0.375	2	4	4C	3.057	8.904	2.5	8.083	8	1.5

COLORS: LEGEND BORDER - BLACK
BACKGROUND - YELLOW (RETROREFLECTIVE)

SILT FENCE APPLICATIONS



- 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.



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FAX 850-434-2650
TOM@SELANDDESIGN.COM

CONSTRUCTION PLANS FOR FOREST HOLLOW CONSTRUCTION DETAILS
ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLUWBY
DESIGNED BY: TGH/ARE
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

REVISIONS

NO.	DATE	AS PER ECUA REVIEW COMMENTS
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/26/2021	AS PER FOOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER NEWFARM REVIEW COMMENTS
7.	7/28/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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PROJECT NO: 19-047
SHEET: C12

Missing or invalid reference
File: FINAL_D-20 (WG).pdf
Sheet: 1

GRAPHIC SCALE

22"x34" SCALE 1 inch = 50 ft.



11"x17" SCALE 1 inch = 100 ft.

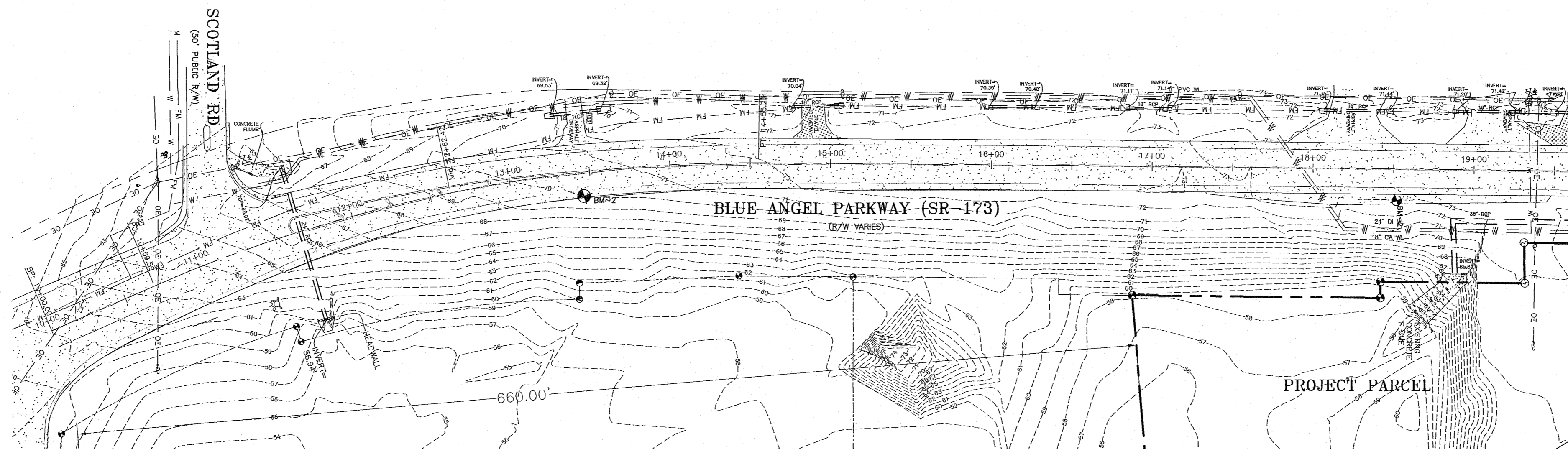
DENOTES:

- DENOTES EXISTING ASPHALT
- DENOTES EXISTING GRAVEL

DENOTES:

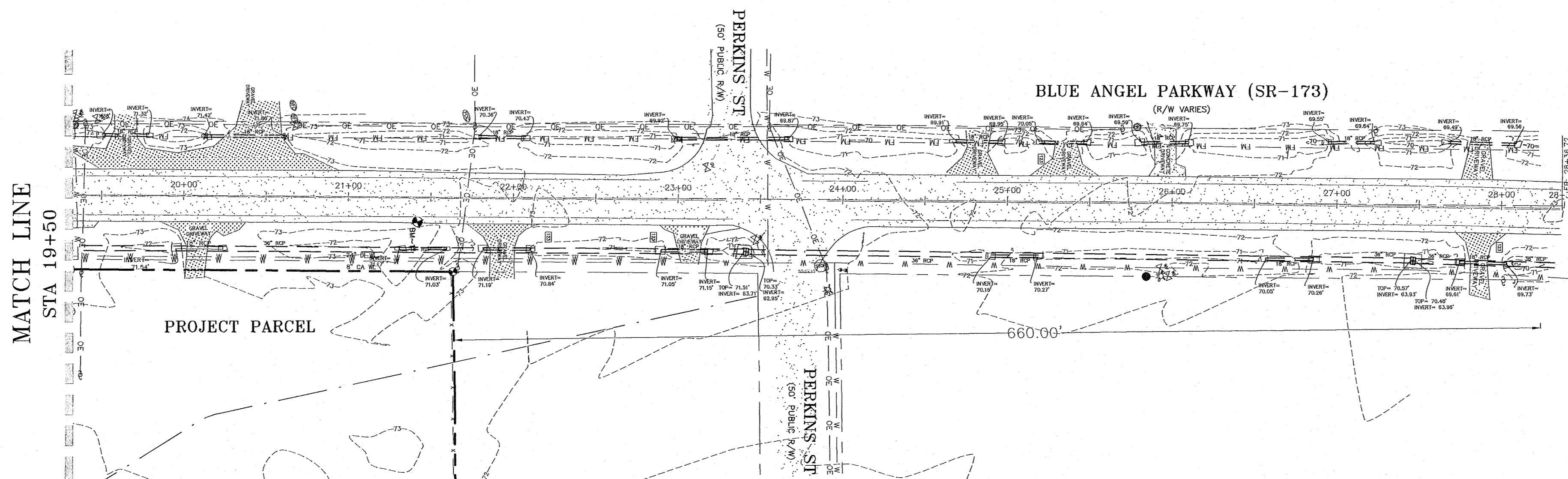
- 1/2" CAPPED IRON ROD, NUMBERED 7277 (PLACED)
- 1/2" CAPPED IRON ROD, ILLEGIBLE (FOUND)
- 1/2" IRON ROD, UNNUMBERED (FOUND)
- 1" IRON PIPE, UNNUMBERED (FOUND)
- 4" SQUARE CONCRETE MONUMENT, UNNUMBERED (FOUND)
- EXISTING WATER METER
- EXISTING WATER VALVE
- FIRE HYDRANT
- STORM WATER INLET
- BACK FLOW PREVENTION DEVICE
- FIBER OPTIC CABLE JUNCTION
- UTILITY POLE
- GUY ANCHOR
- GAS VALVE
- MAIL BOX
- STREET SIGN
- UNMARKED GREEN BOX

- SPECIAL LINES:
- STORM WATER PIPE
 - OVERHEAD ELECTRICAL
 - WELLHEAD PROTECTION LIMIT
 - SANITARY SEWER FORCE MAIN
 - WATER SERVICE LINE



MATCH LINE
STA 19+50

NORTH BLUE ANGEL
PARKWAY (SR-173)
(RIGHT-OF-WAY VARIES)



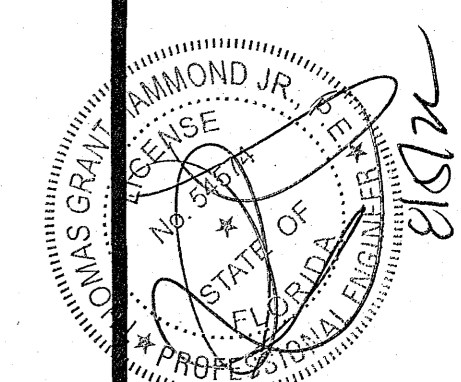
MATCH LINE
STA 19+50

NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECMA REVIEW COMMENTS
2.	07/07/2021	AS PER ECMA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/6/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
6.	4/15/2022	AS PER NINFWAD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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 850 434-2650
 TOM@SELANDESIGN.COM



**CONSTRUCTION PLANS
FOR
FORREST HOLLOW
FOOT '660' PLAN**

ESCAMBIA COUNTY FLORIDA

DRAWN BY: JILWEY
 DESIGNED BY: TSH/ARS
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR
 CONSTRUCTION
 BY: DATE:

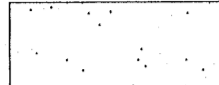
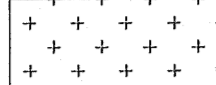
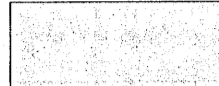
PROJECT NO: 19-047
 SHEET: C13

GRAPHIC SCALE

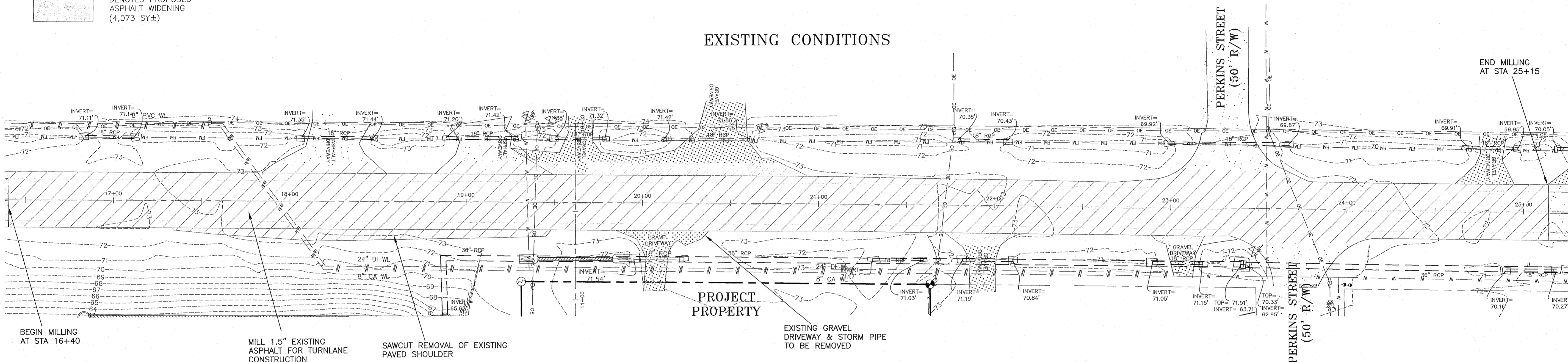
22"x34" SCALE 1 inch = 30 ft.



11"x17" SCALE 1 inch = 60 ft.

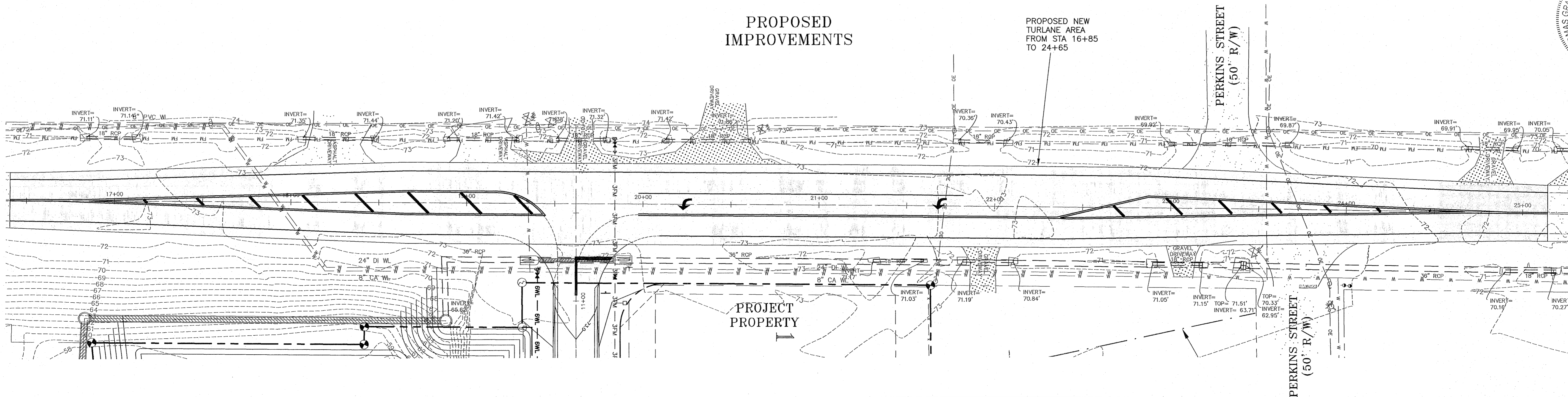
-  DENOTES EXISTING ASPHALT
-  DENOTES EXISTING GRAVEL
-  DENOTES PROPOSED ASPHALT WIDENING (4.073 SY±)

EXISTING CONDITIONS



**NORTH BLUE ANGEL PARKWAY (SR-173)
(RIGHT-OF-WAY VARIES)**

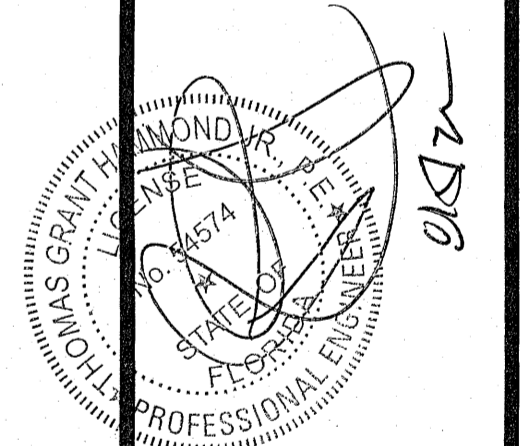
PROPOSED IMPROVEMENTS



NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECDA REVIEW COMMENTS
2.	07/07/2021	AS PER ECDA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
5.	10/15/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER NWFWMD REVIEW COMMENTS
7.	7/28/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

HE

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 TOM@SELANDESIGN.COM



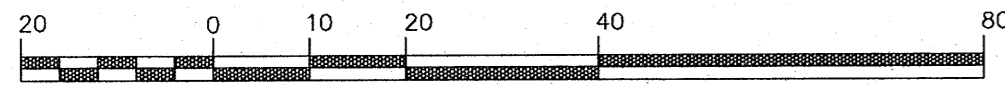
**CONSTRUCTION PLANS FOR
FOREST HOLLOW**
 N. BLUE ANGEL ROAD
 EXISTING CONDITIONS PLAN
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JMWJY
 DESIGNED BY: TGHARS
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR CONSTRUCTION
 BY: _____ DATE: _____

PROJECT NO: 19-047
 SHEET: C 14

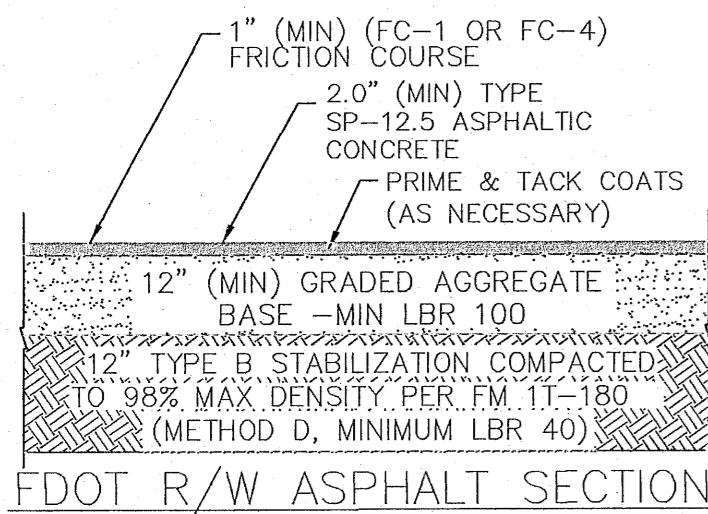
GRAPHIC SCALE

22"x34" SCALE 1 inch = 20 ft.



11"x17" SCALE 1 inch = 40 ft.

- DENOTES EXISTING ASPHALT
- DENOTES PROPOSED ASPHALT WIDENING (4,073 SY±)
- DENOTES EXISTING GRAVEL
- M.E.G. DENOTES MATCH EXISTING GRADE

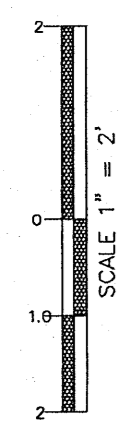


NOTE: CONTRACTOR MUST PROVIDE ENGINEER OF RECORD WITH BASE COMPACTION TESTING RESULTS PRIOR TO CONSTRUCTING ANY ASPHALT SURFACE. CONTRACTOR MUST PROVIDE ENGINEER OF RECORD WITH ASPHALT CORE TESTING RESULTS PRIOR TO FINAL "AS-BUILT" APPROVAL AND SUBMITTAL TO ESCAMBIA COUNTY. CONTRACTOR TO COORDINATE WITH E.O.R. TO DETERMINE TEST LOCATIONS.

SLOPE REQUIREMENTS NEXT TO PAVEMENT IN R/W (EXISTING + PROPOSED):

1. MAX. 6% SLOPE FROM EDGE OF PAVEMENT TO 6' AWAY
2. MAX. 4:1 SLOPE FROM 6' AWAY FROM EOP TO EXISTING GRADE

VERTICAL SCALE



FDOT GENERAL NOTES:

THE DEPARTMENT WILL REVIEW ALL LANE CLOSURES, DETOUR AND LANE SHIFT REQUESTS SEPARATELY FROM THE PERMIT PROCESS. FDOT APPROVAL IS REQUIRED BEFORE COMMENCEMENT OF WORK INVOLVING THE CLOSURE, DETOUR, OR LANE SHIFT WORK ALONG THE STATE HIGHWAY SYSTEM. IF A LANE CLOSURE IS NEEDED, SUBMIT A WRITTEN REQUEST WITH PROPOSED DATES/TIMES/MOT INDICES OR PLAN. ALLOW AT LEAST TWO WEEKS IN YOUR SCHEDULING FOR THIS SPECIAL REVIEW.

CONTRACTOR SHALL NOTIFY FDOT, (850)-981-3000, TWO FULL BUSINESS DAYS IN ADVANCE PRIOR TO INITIATING ANY WORK WITHIN THE STATE RIGHT OF WAY.

ALL PAVEMENT MARKINGS AND STRIPING TO BE THERMOPLASTIC AND INSTALLED ACCORDING TO FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEX#17346.

ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE FDOT SPECIFICATIONS.

CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF EROSION CONTROL DURING CONSTRUCTION.

ALL DISTURBED AREAS FOUND WITHIN THE STATE RIGHT OF WAY ARE TO BE RE-GRADED AND STABILIZED WITH BERMUDA OR CENTIPEDE SOD PER FDOT INDEX#105. ANY SLOPE GREATER THAN 3:1 MUST USE PINNED SOD. SOD TO EXTEND TO EDGE OF PAVEMENT FOUND IN RIGHT OF WAY.

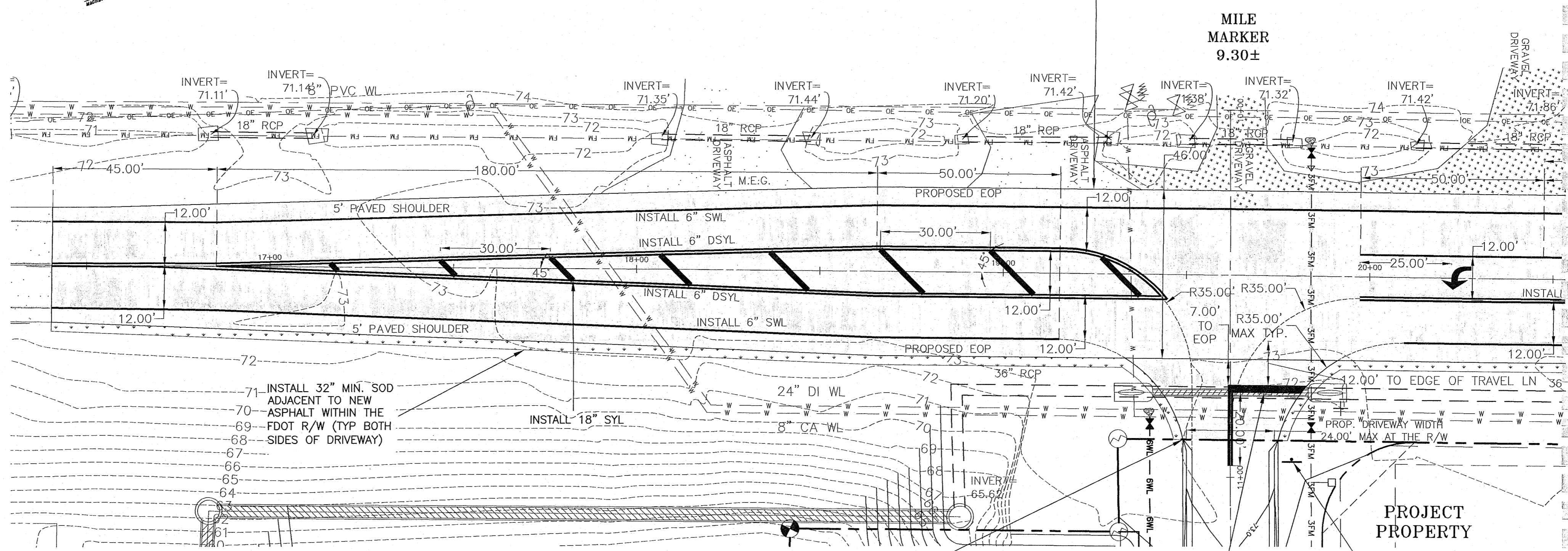
INSTALL PAVEMENT MARKINGS AS SPECIFIED IN THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARD INDEX #17346.

INSTALL THERMOPLASTIC 24" STOP BAR AND 30" STOP SIGN (R1-1) AS REFERENCED IN THE FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS INDEX #17346 AND THE FHWA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

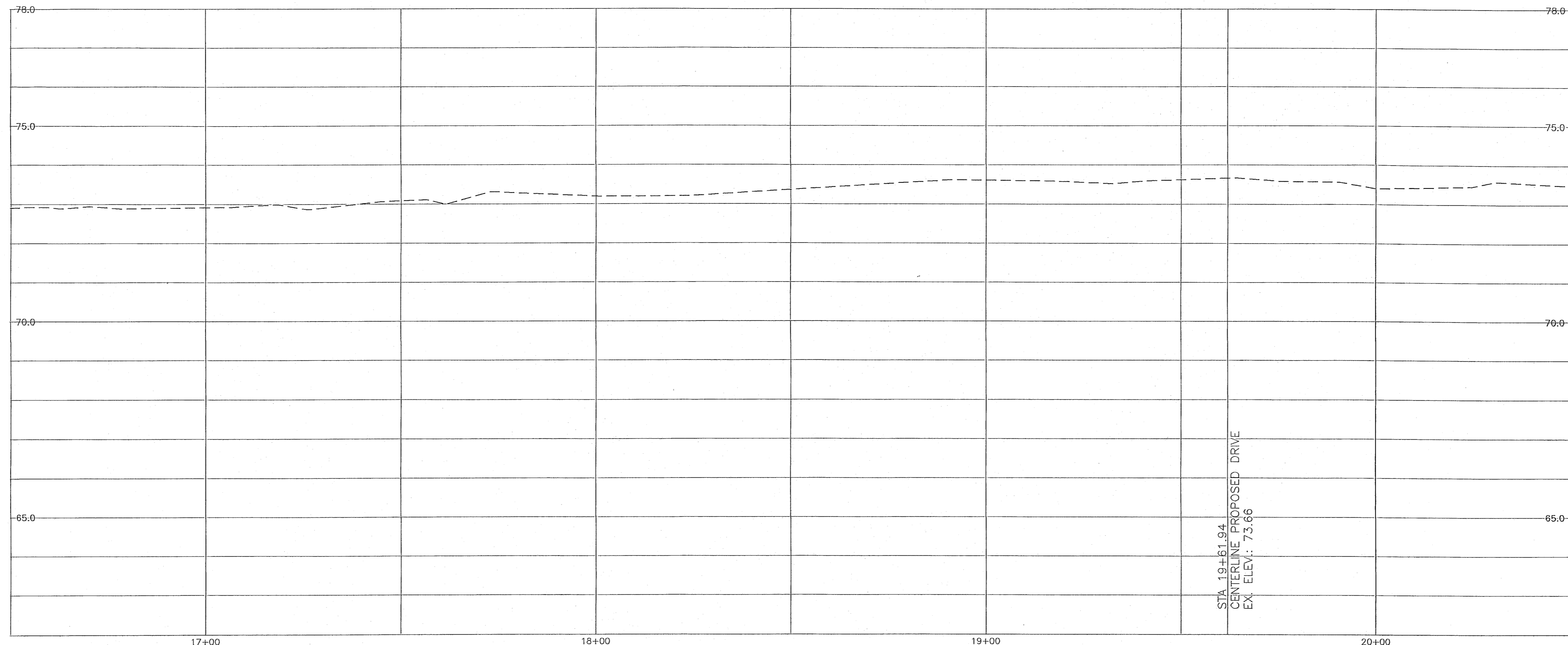
NO WORK SHALL BE PERFORMED WITHIN THE RIGHT-OF-WAY UNTIL THE PROPER MAINTENANCE OF TRAFFIC IS IN PLACE ACCORDING TO THE APPROPRIATE 600 SERIES INDEX. A CERTIFIED WORKSITE TRAFFIC SUPERVISOR SHALL SET UP THE MOT.

PERMITEE AGREES AND OBLIGATES HIMSELF TO PERFORM AT HIS OWN EXPENSE THE RELOCATION, CLOSURE, ALTERATION OF THE PERMITTED CONNECTION SHOULD THE DEPARTMENT DETERMINE THAT THE TRAFFIC PATTERNS, POINTS OF CONNECTION, ROADWAY GEOMETRICS OR TRAFFIC CONTROL DEVICES ARE CAUSING AN UNDUE DISRUPTION OF TRAFFIC OR CREATING SAFETY HAZARDS AT THE EXISTING CONNECTION.

ALL DISTURBED EXISTING DRIVEWAYS AND OTHER STRUCTURES IN THE RIGHT OF WAY SHALL BE RESTORED COMPLYING FDOT STANDARDS



NORTH BLUE ANGEL PARKWAY (SR-173)
(RIGHT-OF-WAY VARIES)



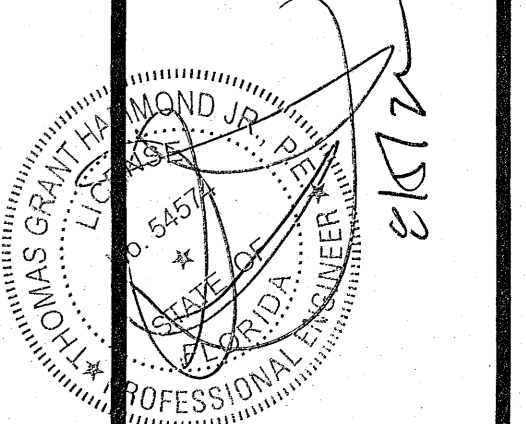
STA. 19+61.94
CENTERLINE PROPOSED DRIVE
EX. ELEV.: 73.66

MATCH LINE
SEE SHEET C16 STA 20+50

NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
5.	10/26/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER INFWAD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS



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FAX 850-434-2650
TOM@BELANDESIGN.COM



CONSTRUCTION PLANS FOR
FOREST HOLLOW
N. BLUE ANGEL ROAD
WIDENING PLAN
ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLWJBY
DESIGNED BY: TGH/ARS
CHECKED BY: TGH
DATE: AUGUST 2022
SCALE: AS SHOWN
NOT RELEASED FOR CONSTRUCTION
BY: DATE:

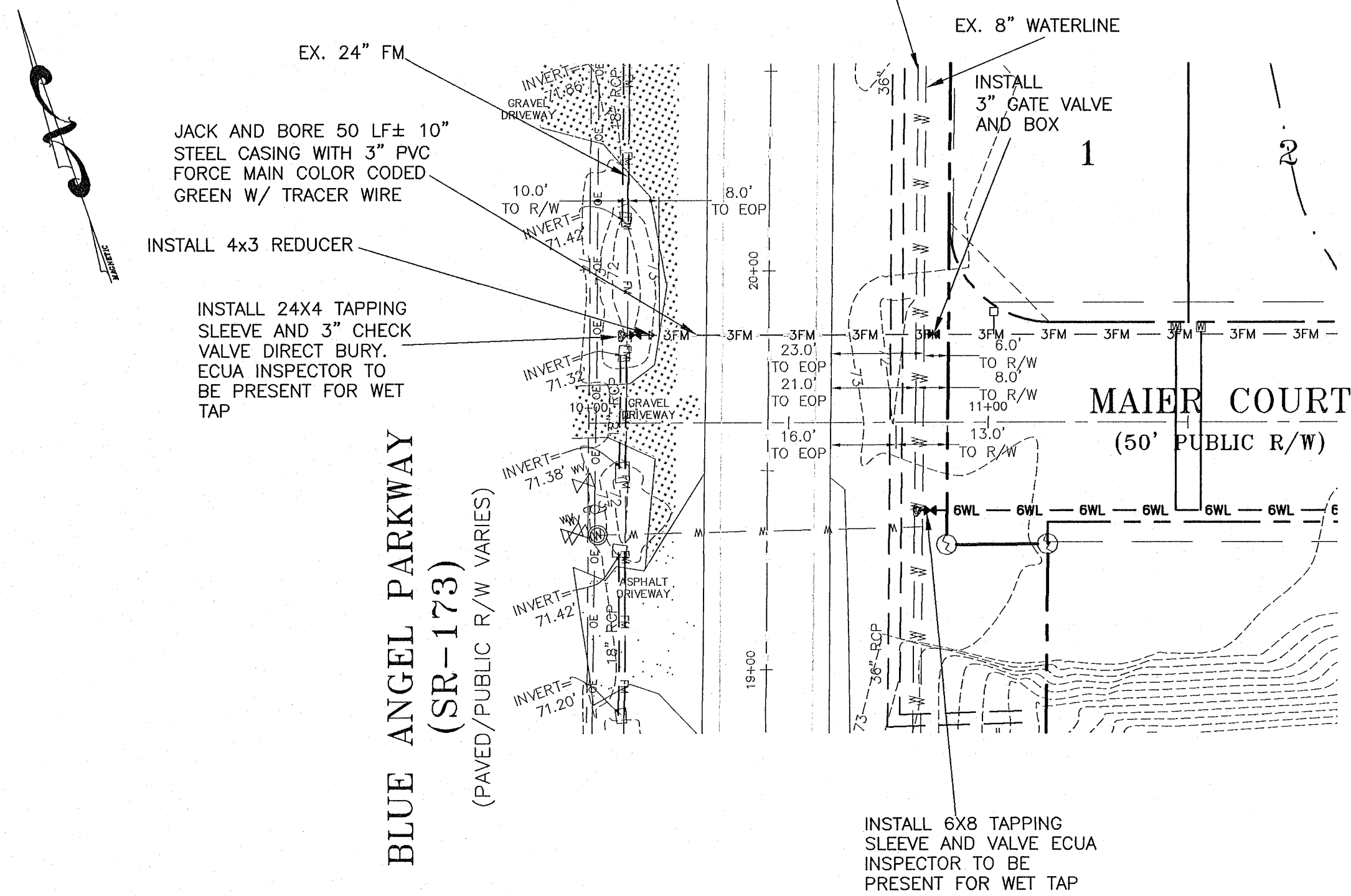
PROJECT NO: 19-047
SHEET: C15

GRAPHIC SCALE

22"x34" SCALE 1 inch = 30 ft.



11"x17" SCALE 1 inch = 60 ft.



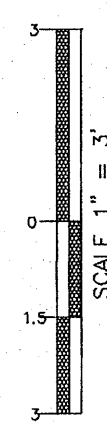
BLUE ANGEL PARKWAY
(SR-173)
(PAVED/PUBLIC R/W VARIES)

MAIER COURT
(50' PUBLIC R/W)

BLUE ANGEL PARKWAY IS STATE ROAD 173
MILEPOST NUMBER FOR
DIRECTIONAL BORE: 9.112

NOTE: AS PER FDOT UTILITY ACCOMMODATIONS MANUAL, DIRECTIONAL BORE SHALL
BEGIN & TERMINATE A MINIMUM 8' AWAY FROM EXISTING EOP.

VERTICAL SCALE



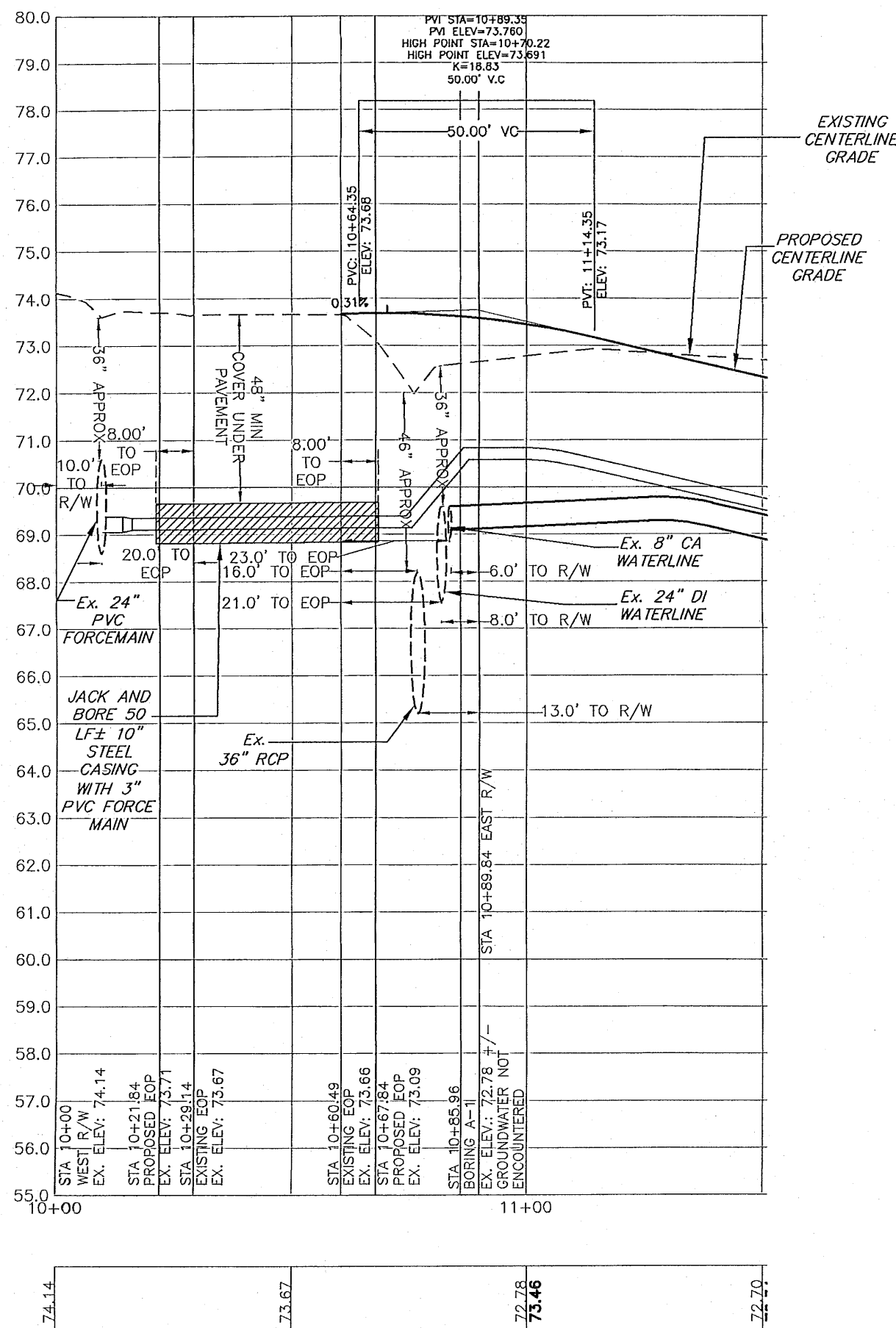
NOTE: ALL WORK SHALL BE DONE IN ACCORDANCE TO THE PROJECT SPECIFICATIONS. WATER AND SEWER TO BE DONE IN ACCORDANCE WITH ECUA SPECIFICATIONS

NOTE: ALL PROPOSED WATER SERVICES TO BE PLACED ON PROPERTY CORNER OPPOSITE POWER TRANSFORMER

NOTE: A MINIMUM OF TWO STRIPS OF SOD (MINIMUM 2' WIDE) ARE REQUIRED BEHIND THE BACK OF CURB WITH ALL OTHER DISTURBED AREAS SEEDED/MULCHED/FERTILIZED.

NOTE: ALL STORMWATER PIPING NOT CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE RCPC. ALL STORMWATER PIPING CONSTRUCTED UNDER ROADWAYS OR CURBS SHALL BE RCPC.

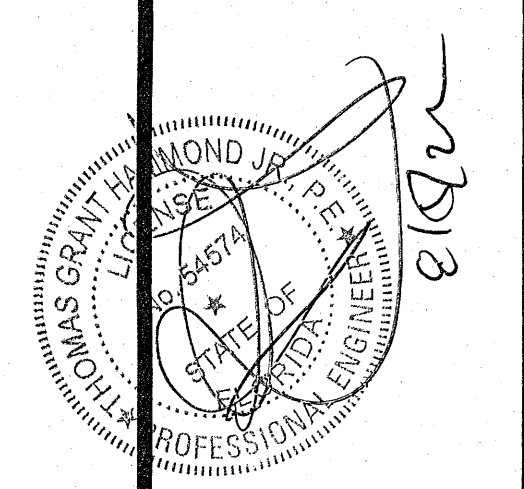
UTILITY CONFLICT RESOLUTION NOTE: AT LOCATIONS WHERE A WATER OR FORCE MAIN CROSSES AND CONFLICTS VERTICALLY WITH STORM PIPE, CONTRACTOR AND ECUA INSPECTOR SHALL SELECT ONE OF THE FOLLOWING CONFLICT RESOLUTIONS:
1. COORDINATE WITH EOR TO SEE IF STORM PIPE CAN BE LOWERED TO ALLEVIATE CONFLICT.
2. GRADUALLY DECREASE APPROACHING WATER OR FORCE MAIN'S COVER SUCH THAT A SECTION OF DUCTILE IRON WATER MAIN, OR DR18 PVC FORCE MAIN, CAN BE INSTALLED OVER STORM PIPE SUCH THAT A MINIMUM OF 18" COVER OVER WATER OR FORCE MAIN IS PROVIDED, ALONG WITH MINIMUM 6" SEPARATION BETWEEN BOTTOM OF WATER OR FORCE MAIN AND TOP OF STORM PIPE.
3. IF COVER AND SEPARATION IN NUMBER 2 CANNOT BE OBTAINED, THEN INSTALL FITTINGS TO ROUTE WATER OR FORCE MAIN UNDER STORM PIPE.



NOTE: LOCATIONS OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY AND IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE LOCATION AND SIZES BEFORE CONSTRUCTION. FAILURE OF THE PLANS TO SHOW THE EXISTENCE OF ANY UNDERGROUND UTILITIES, STRUCTURES, ETC., SHALL NOT RELIEVE THE CONTRACTOR FROM THE RESPONSIBILITY OF LOCATING, PRESERVING AND PROTECTING SAID UTILITY OR STRUCTURES.

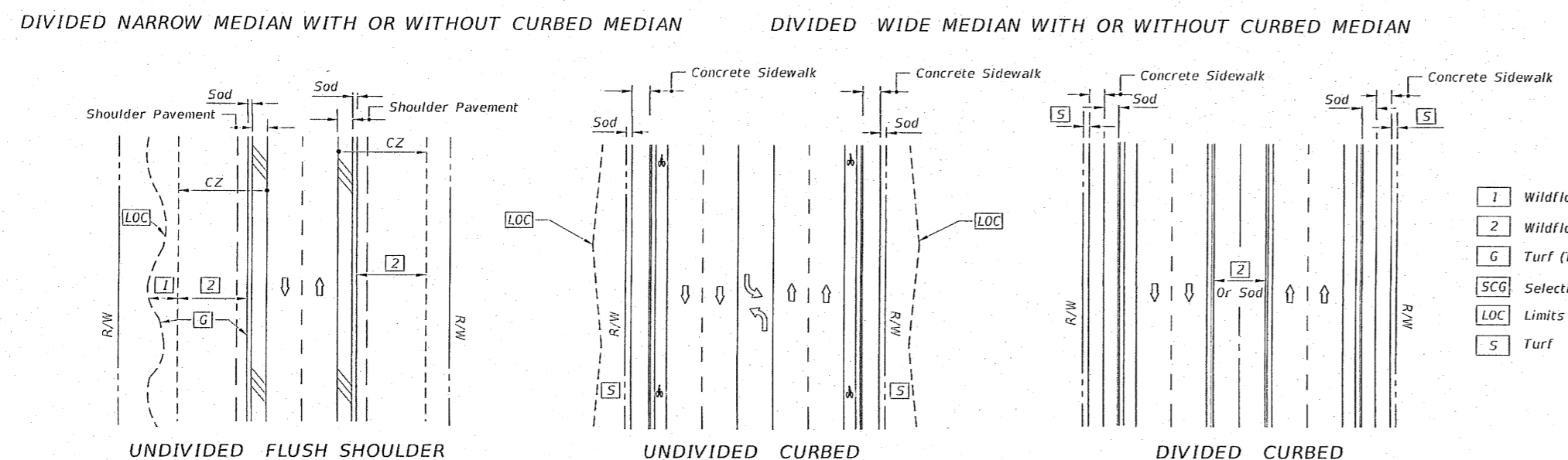
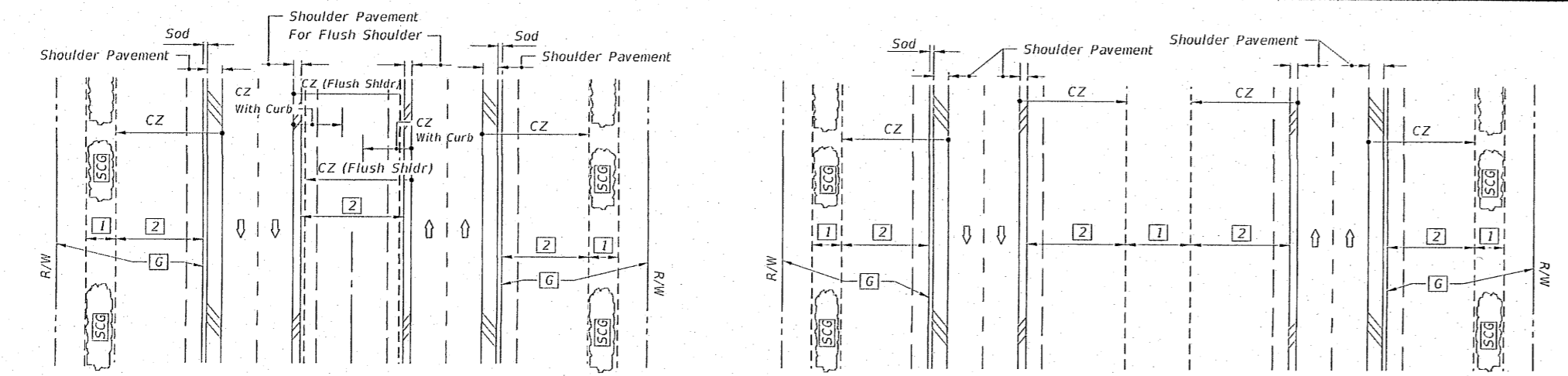
NO.	DATE	REVISIONS
1.	06/07/2021	AS PER ECUA REVIEW COMMENTS
2.	07/07/2021	AS PER ECUA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FDOT GRANAGEE REVIEW COMMENTS
5.	10/18/2021	AS PER FDOT DREWEAY REVIEW COMMENTS
6.	4/15/2022	AS PER INTRMID REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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FLORIDA AUTHORIZATION NO. 9130
ALABAMA AUTHORIZATION NO. 3277
3802 NORTH "S" STREET
PENSACOLA, FLORIDA 32505
850 434-2603
850 434-2650
TOM@SELANDESIGN.COM



CONSTRUCTION PLANS
FOR
FORREST HOLLOW
N. BLUE ANGEL ROAD
UTILITY PLAN

DRAWN BY: JLV/CY	DESIGNED BY: TGM/ARS
CHECKED BY: TGH	DATED: AUGUST 2022
SCALE: AS SHOWN	NOT RELEASED FOR CONSTRUCTION
BY:	DATE:
PROJECT NO: 19-047	
SHEET: C17	



LEGEND

- 1 Wildflower Group #1
- 2 Wildflower Group #2
- 6 Turf (To Limit of Construction)
- SCG Selective Clearing And Grubbing
- LOC Limits Of Construction
- 5 Turf

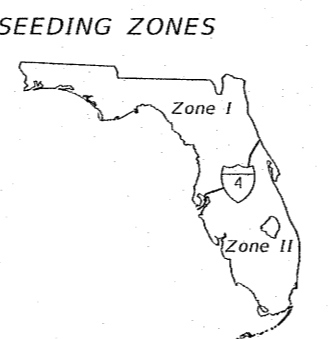
WILDFLOWER SEEDING RATES

Common Name (Botanical Name)	lbs/ac
#1 Group	
Black-Eyed Susan (<i>Rudbeckia hirta</i>)	2
Lance-leaf Tickseed (<i>Coreopsis lanceolata</i>)	10
Goldenrod Tickseed (<i>Coreopsis basalis</i>)	10
Leavenworth's Tickseed (<i>Coreopsis leavenworthii</i>)	10
Fire Wheel (<i>Gaillardia puchellia</i>)	10
Sulfur Coneflower (<i>Rudbeckia mollis</i>)	2
Crimson Clover (<i>Trifolium incarnatum</i>)	15
#2 Group	
Annual Phlox (<i>Phlox drummondii</i>)	10
Moss Verbena (<i>Verbena tenuisecta</i>)	6
Leavenworth's Tickseed (<i>Coreopsis leavenworthii</i>)	10
Fire Wheel (<i>Gaillardia puchellia</i>)	10
Crimson Clover (<i>Trifolium incarnatum</i>)	15

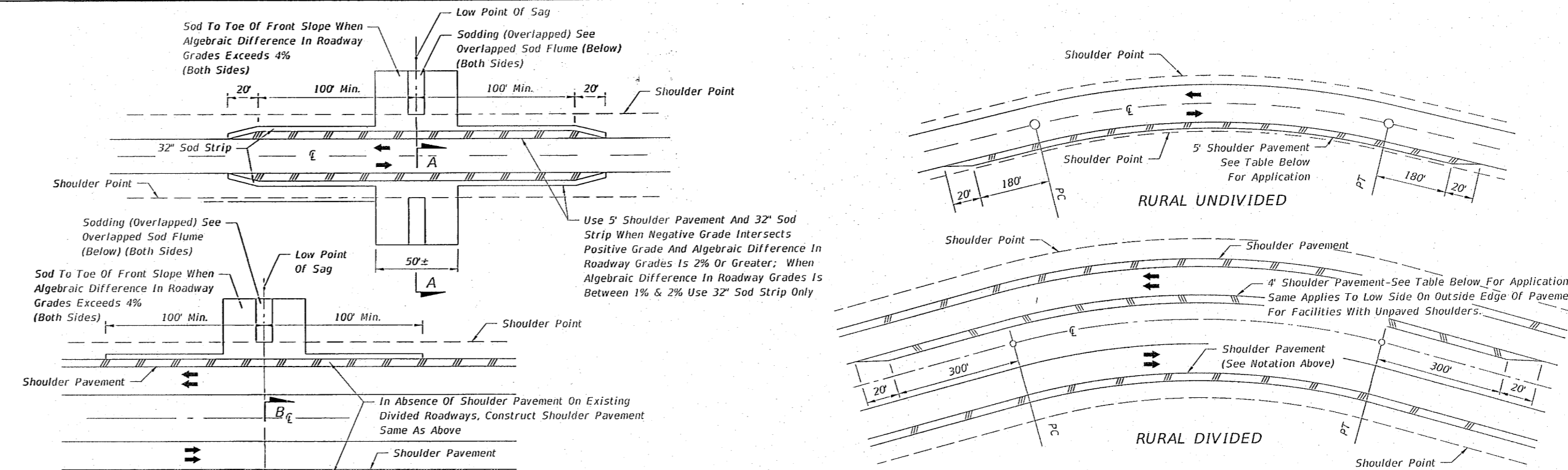
Note: Wildflower seeding rates are for restoring impacted wildflower areas.

GENERAL NOTES

- All turf establishment shall be performed meeting the requirements of Specification 570.
- Activities such as clearing, grading, and excavating that will disturb one or more acres of land require coverage under the Generic Permit for Stormwater Discharge from Large and Small Construction Activities from the Florida Department of Environmental Protection, and implementation of appropriate pollution prevention measures to minimize erosion and sedimentation and properly manage stormwater.
- Confirm compatibility of wildflower with Seeding Zones.

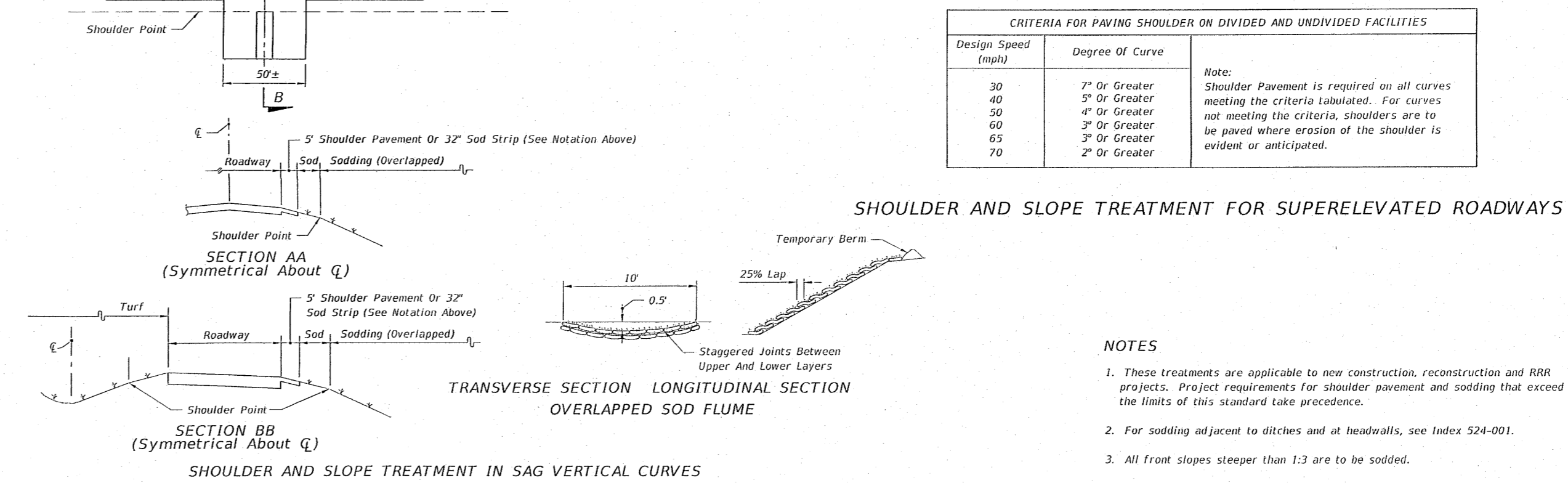


LAST REVISION 11/01/19 DESCRIPTION: **FDOT** FY 2022-23 STANDARD PLANS PERMANENT EROSION CONTROL INDEX 570-001 SHEET 1 of 3



CRITERIA FOR PAVING SHOULDER ON DIVIDED AND UNDIVIDED FACILITIES

Design Speed (mph)	Degree Of Curve	Note:
30	2° Or Greater	Shoulder Pavement is required on all curves meeting the criteria tabulated. For curves not meeting the criteria, shoulders are to be paved where erosion of the shoulder is evident or anticipated.
40	3° Or Greater	
50	4° Or Greater	
60	3° Or Greater	
65	3° Or Greater	
70	2° Or Greater	



NOTES

- These treatments are applicable to new construction, reconstruction and RRR projects. Project requirements for shoulder pavement and sodding that exceed the limits of this standard take precedence.
- For sodding adjacent to ditches and at headwalls, see Index 524-001.
- All front slopes steeper than 1:3 are to be sodded.

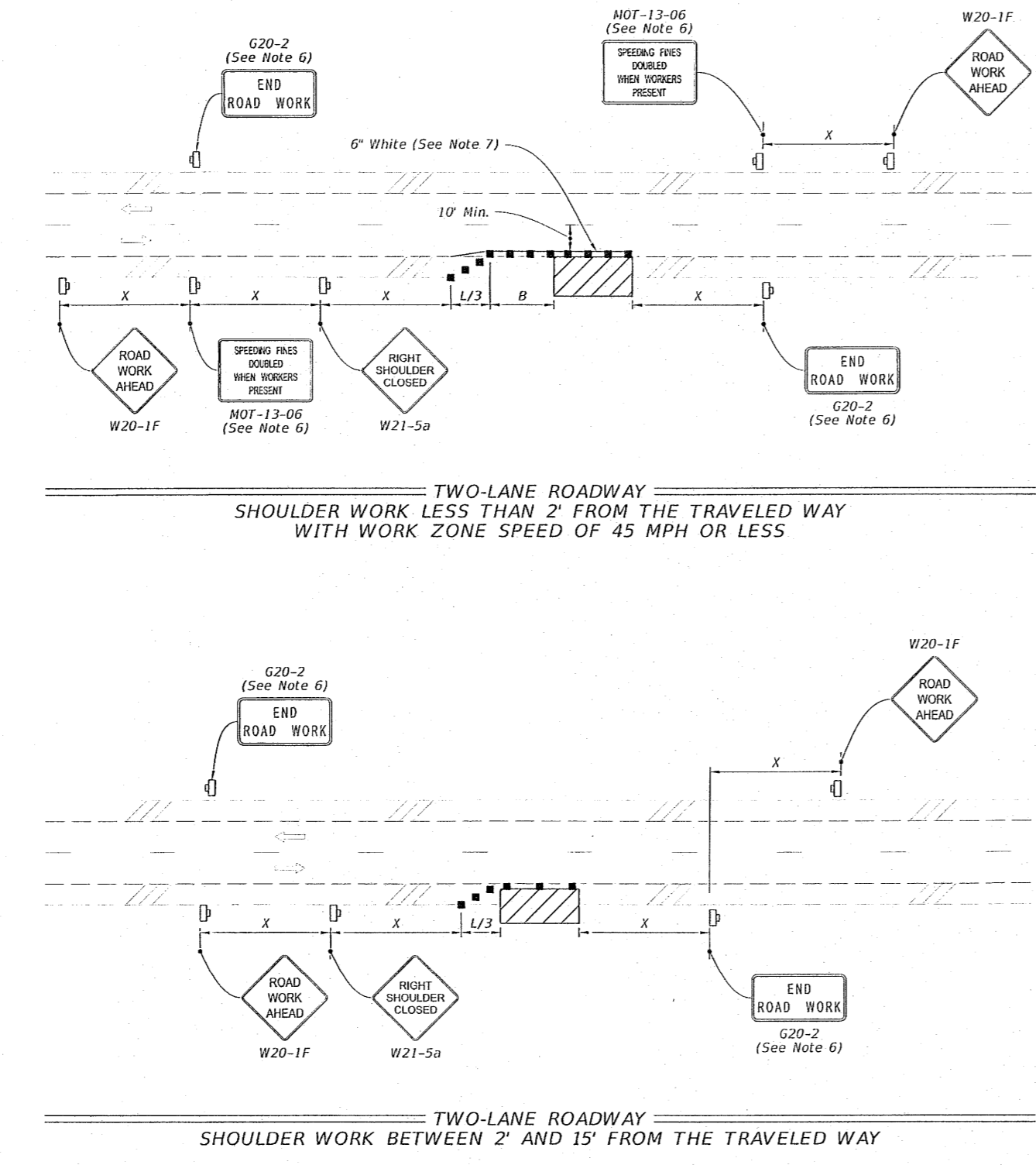
LAST REVISION 11/01/19 DESCRIPTION: **FDOT** FY 2022-23 STANDARD PLANS PERMANENT EROSION CONTROL INDEX 570-001 SHEET 2 of 3

NOTE:

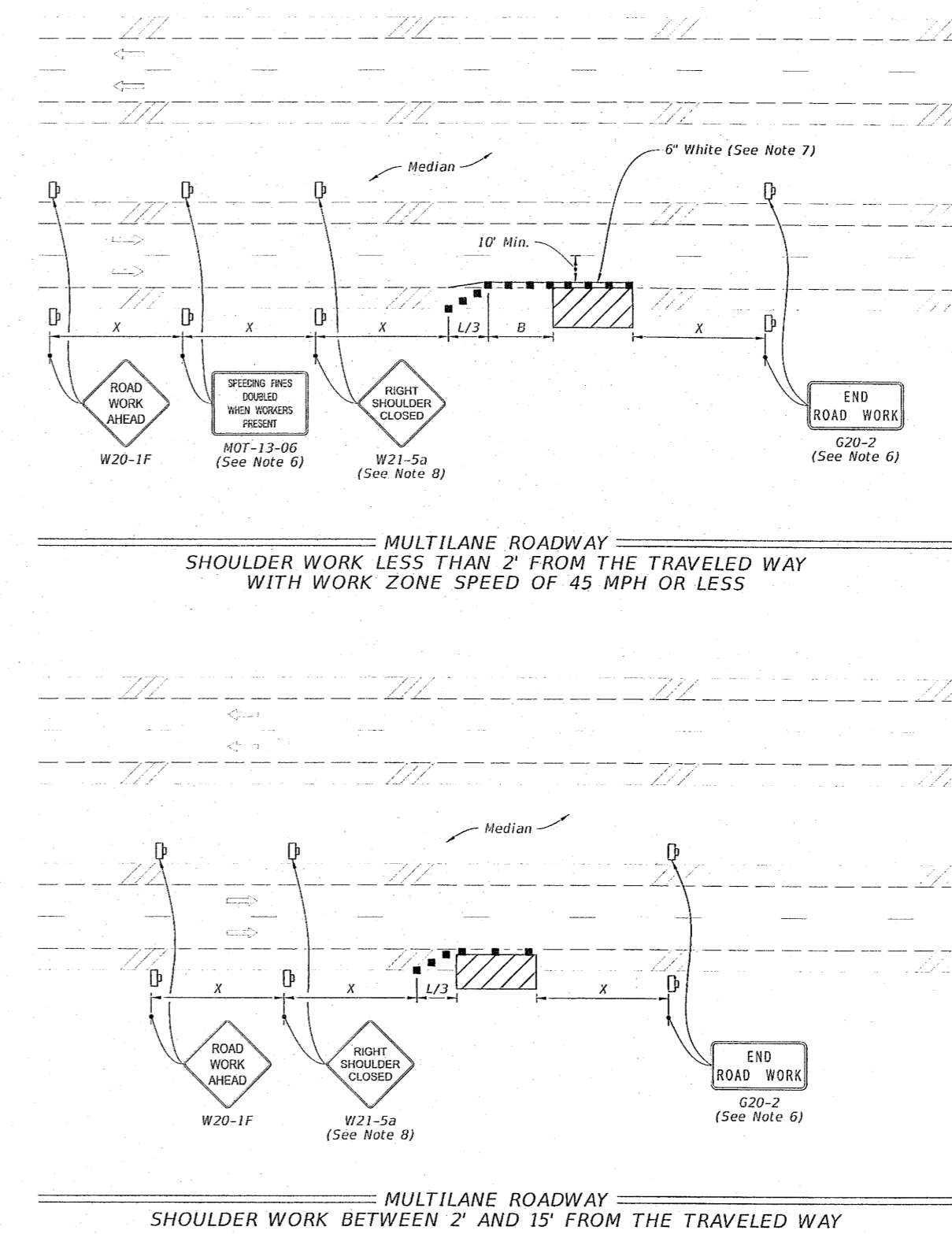
- This Index applies to Two-Lane, Two-Way and Multilane Roadways, including Medians of divided roadways, with work on the shoulder.
- L = Taper Length
X = Work Zone Sign Spacing
B = Buffer Length
See Index 102-600 for "L", "X", "B", and channelizing device spacing values.
- Where work activities are between 2' and 15' from the edge of traveled way, the Engineer may omit signs and channelizing devices for work operations 60 minutes or less.
- When four or more work vehicles enter the through traffic lanes in a one hour period (excluding establishing and terminating the work area, use a flagger or lane closure to accommodate work vehicle ingress and egress.
- For work less than 2' from the traveled way and work zone speed is greater than 45 MPH, use a lane closure.
- The "Speeding Fines Doubled When Workers Present" signs (NOT-13-06) and "End Road Work" signs (G20-2) along with the associated work zone sign spacing distances may be omitted when the work operation is in place for 24 hours or less.
- Temporary pavement markings may be omitted when the work operation is in place for 3 days or less.
- Omit "Shoulder Closed" signs (W21-5a) along with associated work zone sign spacing distances for work on the median.
- When there is no paved shoulder, the "Worker" sign (W21-1) may be used instead of the "Shoulder Closed" sign (W21-5a).

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic



LAST REVISION 11/01/21 DESCRIPTION: **FDOT** FY 2022-23 STANDARD PLANS TWO-LANE AND MULTILANE, WORK ON SHOULDER INDEX 102-602 SHEET 1 of 2

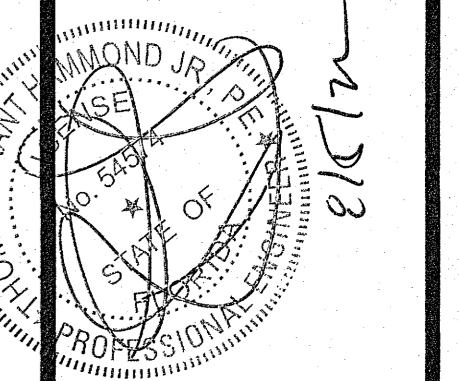


SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Lane Identification and Direction of Traffic

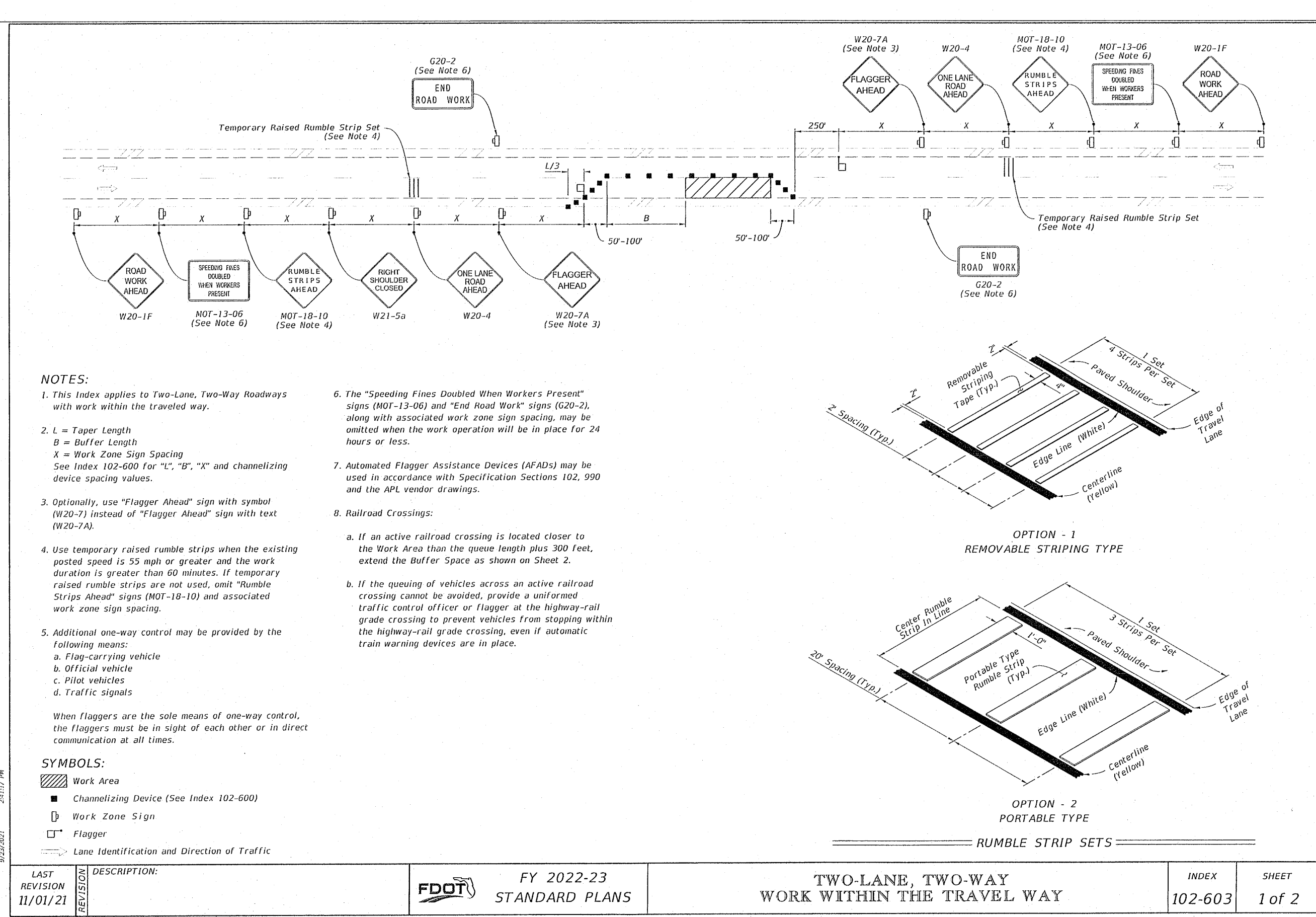
LAST REVISION 11/01/20 DESCRIPTION: **FDOT** FY 2022-23 STANDARD PLANS TWO-LANE AND MULTILANE, WORK ON SHOULDER INDEX 102-602 SHEET 2 of 2

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CONSTRUCTION PLANS FOR FORREST HOLLOW
 FDOT DETAILS
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLVWY
 DESIGNED BY: TGH
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR CONSTRUCTION
 PROJECT NO: 19-047
 SHEET: C19



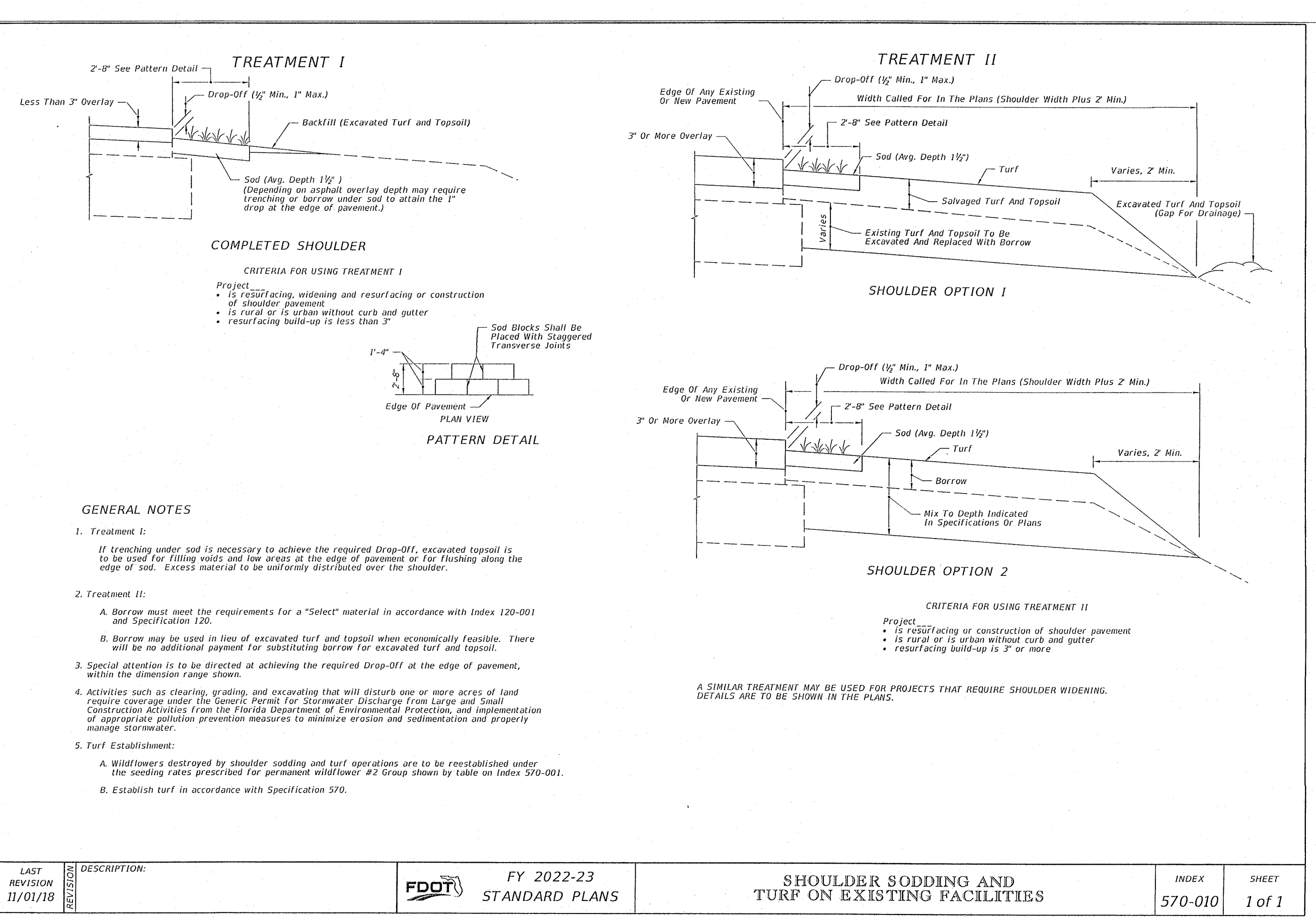
NOTES:

- This Index applies to Two-Lane, Two-Way Roadways with work within the traveled way.
- L = Taper Length
B = Buffer Length
X = Work Zone Sign Spacing
See Index 102-600 for "L", "B", "X" and channelizing device spacing values.
- Optionally, use "Flagger Ahead" sign with symbol (W20-7) instead of "Flagger Ahead" sign with text (W20-7A).
- Use temporary raised rumble strips when the existing posted speed is 55 mph or greater and the work duration is greater than 60 minutes. If temporary raised rumble strips are not used, omit "Rumble Strips Ahead" signs (W20-10) and associated work zone sign spacing.
- Additional one-way control may be provided by the following means:
a. Flag-carrying vehicle
b. Official vehicle
c. Pilot vehicles
d. Traffic signals
- When flaggers are the sole means of one-way control, the flaggers must be in sight of each other or in direct communication at all times.
- The "Speeding Fines Doubled When Workers Present" signs (MOT-13-06) and "End Road Work" signs (G20-2), along with associated work zone sign spacing, may be omitted when the work operation will be in place for 24 hours or less.
- Automated Flagger Assistance Devices (AFADs) may be used in accordance with Specification Sections 102, 990 and the APL vendor drawings.
- Railroad Crossings:
a. If an active railroad crossing is located closer to the Work Area than the queue length plus 300 feet, extend the Buffer Space as shown on Sheet 2.
b. If the queuing of vehicles across an active railroad crossing cannot be avoided, provide a uniformed traffic control officer or flagger at the highway-rail grade crossing to prevent vehicles from stopping within the highway-rail grade crossing, even if automatic train warning devices are in place.

SYMBOLS:

- Work Area
- Channelizing Device (See Index 102-600)
- Work Zone Sign
- Flagger
- Lane Identification and Direction of Traffic

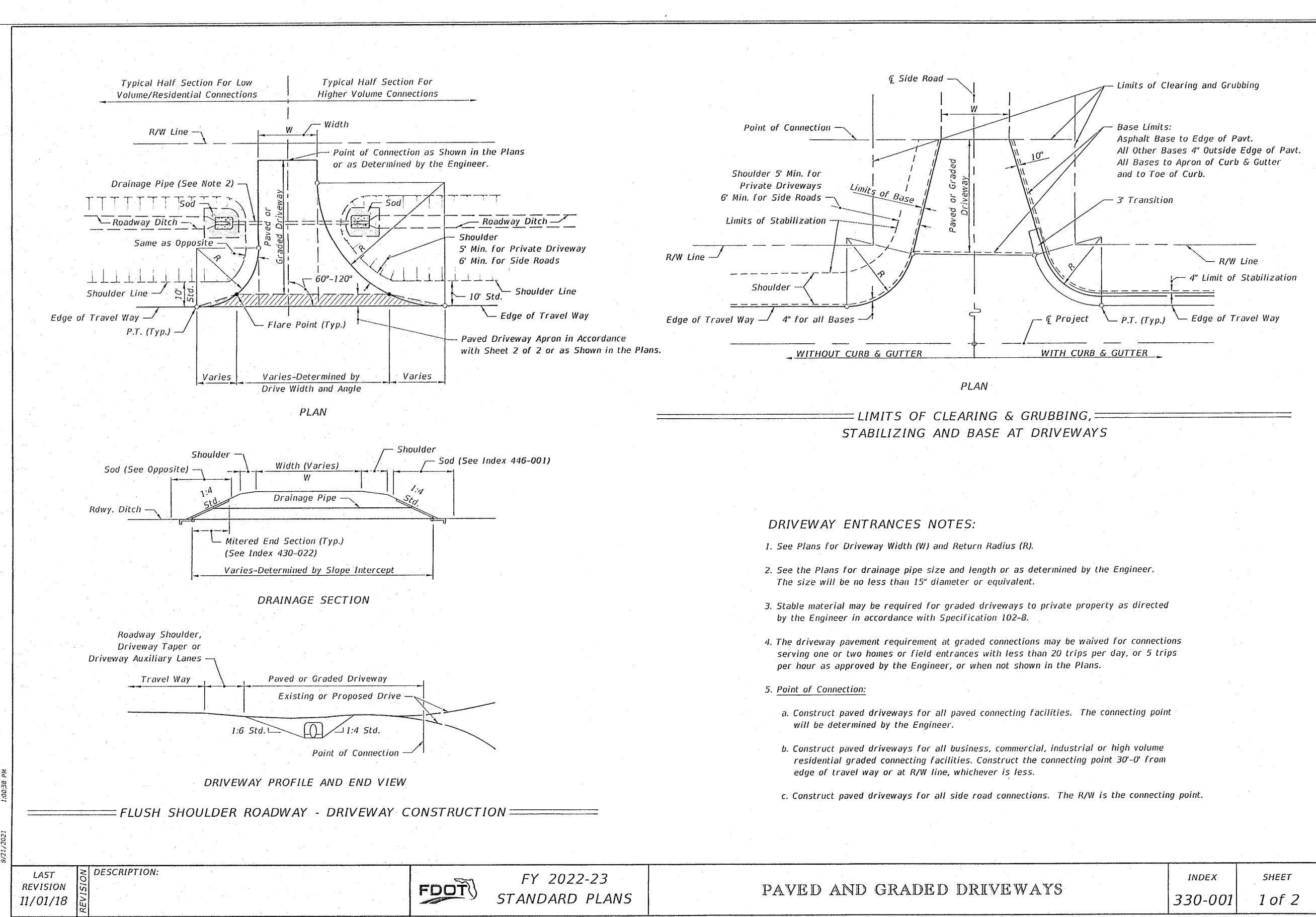
LAST REVISION 11/01/21	DESCRIPTION:	FDOT	FY 2022-23 STANDARD PLANS	TWO-LANE, TWO-WAY WORK WITHIN THE TRAVEL WAY	INDEX 102-603	SHEET 1 of 2
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GENERAL NOTES

- Treatment I:
If trenching under sod is necessary to achieve the required Drop-Off, excavated topsoil is to be used for filling voids and low areas at the edge of pavement or for flushing along the edge of sod. Excess material to be uniformly distributed over the shoulder.
- Treatment II:
A. Borrow must meet the requirements for a "Select" material in accordance with Index 120-001 and Specification 120.
B. Borrow may be used in lieu of excavated turf and topsoil when economically feasible. There will be no additional payment for substituting borrow for excavated turf and topsoil.
- Special attention is to be directed at achieving the required Drop-Off at the edge of pavement, within the dimension range shown.
- Activities such as clearing, grading, and excavating that will disturb one or more acres of land require coverage under the Generic Permit for Stormwater Discharge from Large and Small Construction Activities from the Florida Department of Environmental Protection, and implementation of appropriate pollution prevention measures to minimize erosion and sedimentation and properly manage stormwater.
- Turf Establishment:
A. Wildflowers destroyed by shoulder sodding and turf operations are to be reestablished under the seeding rates prescribed for permanent wildflower #2 Group shown by table on Index 570-001.
B. Establish turf in accordance with Specification 570.

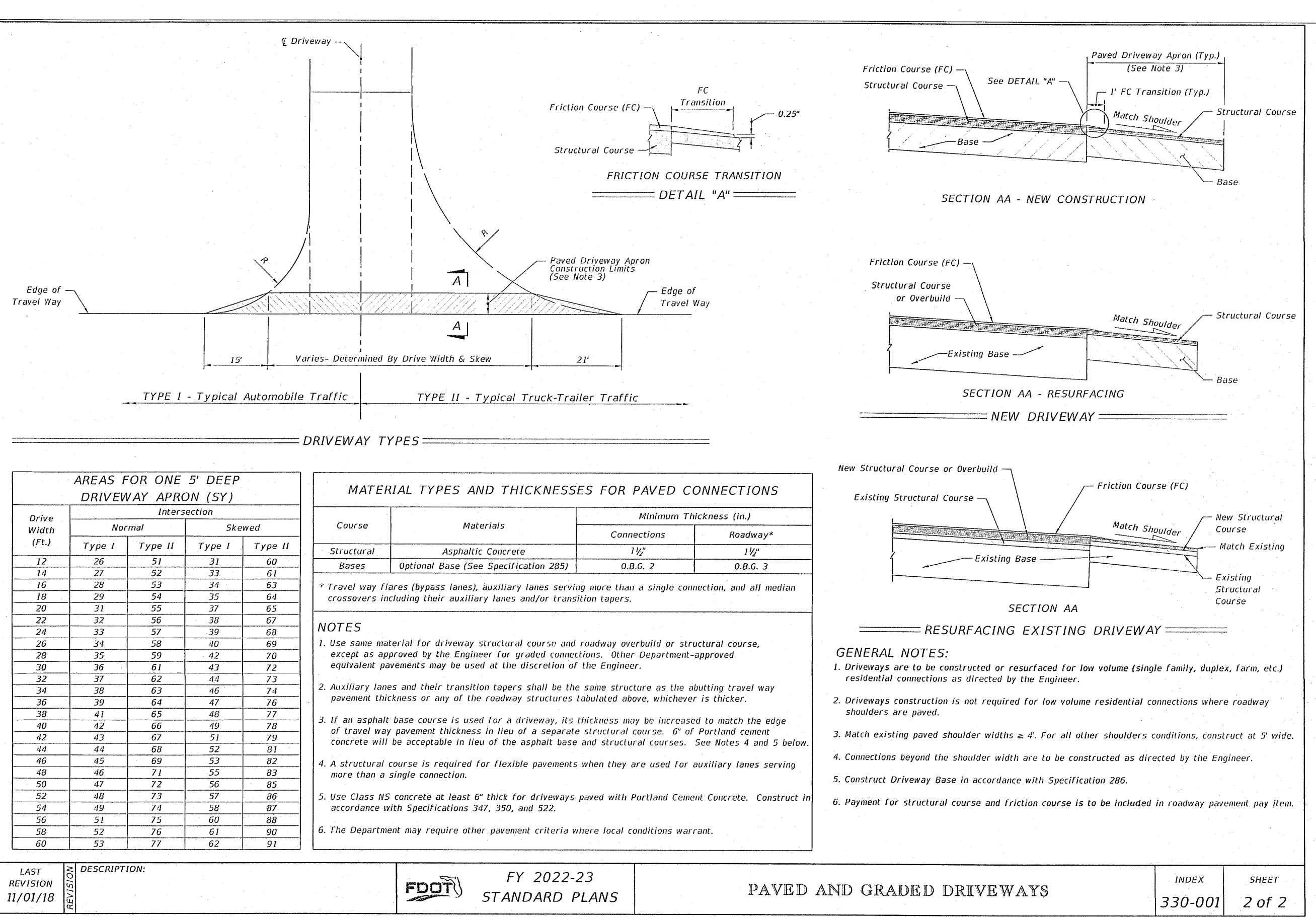
LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2022-23 STANDARD PLANS	SHOULDER SODDING AND TURF ON EXISTING FACILITIES	INDEX 570-010	SHEET 1 of 1
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DRIVEWAY ENTRANCES NOTES:

- See Plans for Driveway Width (W) and Return Radius (R). The size will be no less than 15' diameter or equivalent.
- See the Plans for drainage pipe size and length or as determined by the Engineer.
- Stable material may be required for graded driveways to private property as directed by the Engineer in accordance with Specification 102-8.
- The driveway pavement requirement at graded connections may be waived for connections serving one or two homes or 1000 entrances with less than 20 trips per day, or 5 trips per hour as approved by the Engineer, or when not shown in the Plans.
- Point of Connection:
a. Construct paved driveways for all paved connecting facilities. The connecting point will be determined by the Engineer.
b. Construct paved driveways for all business, commercial, industrial or high volume residential graded connecting facilities. Construct the connecting point 30'-0" from edge of travel way or at R/W line, whichever is less.
c. Construct paved driveways for all side road connections. The R/W is the connecting point.

LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2022-23 STANDARD PLANS	PAVED AND GRADED DRIVEWAYS	INDEX 330-001	SHEET 1 of 2
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AREAS FOR ONE 5' DEEP DRIVEWAY APRON (SY)

Drive Width (Ft.)	Normal		Skewed	
	Type I	Type II	Type I	Type II
12	26	31	31	60
14	27	32	33	61
16	28	33	34	63
18	29	34	35	64
20	31	35	37	65
22	32	36	38	67
24	33	37	39	68
26	34	38	40	69
28	35	39	42	70
30	36	41	43	72
32	37	42	44	73
34	38	43	46	74
36	39	44	47	76
38	41	45	48	77
40	42	46	49	78
42	43	47	51	79
44	44	48	52	81
46	45	49	53	82
48	46	50	55	83
50	47	51	56	85
52	48	52	57	86
54	49	53	58	87
56	51	55	60	88
58	52	56	61	90
60	53	57	62	91

MATERIAL TYPES AND THICKNESSES FOR PAVED CONNECTIONS

Course	Materials	Minimum Thickness (in.)	
		Connections	Roadway*
Structural	Asphaltic Concrete	1 1/2	1 1/2
Bases	Optional Base (See Specification 285)	O.B.G. 2	O.B.G. 3

* Travel Way Flares (Bypass lanes), auxiliary lanes serving more than a single connection, and all median crossovers including their auxiliary lanes and/or transition tapers.

NOTES

- Use same material for driveway structural course and roadway overbuild or structural course, except as approved by the Engineer for graded connections. Other Department-approved equivalent pavement may be used at the discretion of the Engineer.
- Auxiliary lanes and their transition tapers shall be the same structure as the abutting travel way pavement thickness or any of the roadway structures tabulated above, whichever is thicker.
- If an asphalt base course is used for a driveway, its thickness may be increased to match the edge of travel way pavement thickness in lieu of a separate structural course. 6" of Portland cement concrete will be acceptable in lieu of the asphalt base and structural courses. See Notes 4 and 5 below.
- A structural course is required for flexible pavements when they are used for auxiliary lanes serving more than a single connection.
- Use Class NS concrete at least 6" thick for driveways paved with Portland Cement Concrete. Construct in accordance with Specifications 347, 350, and 522.
- The Department may require other pavement criteria where local conditions warrant.

LAST REVISION 11/01/18	DESCRIPTION:	FDOT	FY 2022-23 STANDARD PLANS	PAVED AND GRADED DRIVEWAYS	INDEX 330-001	SHEET 2 of 2
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REVISIONS

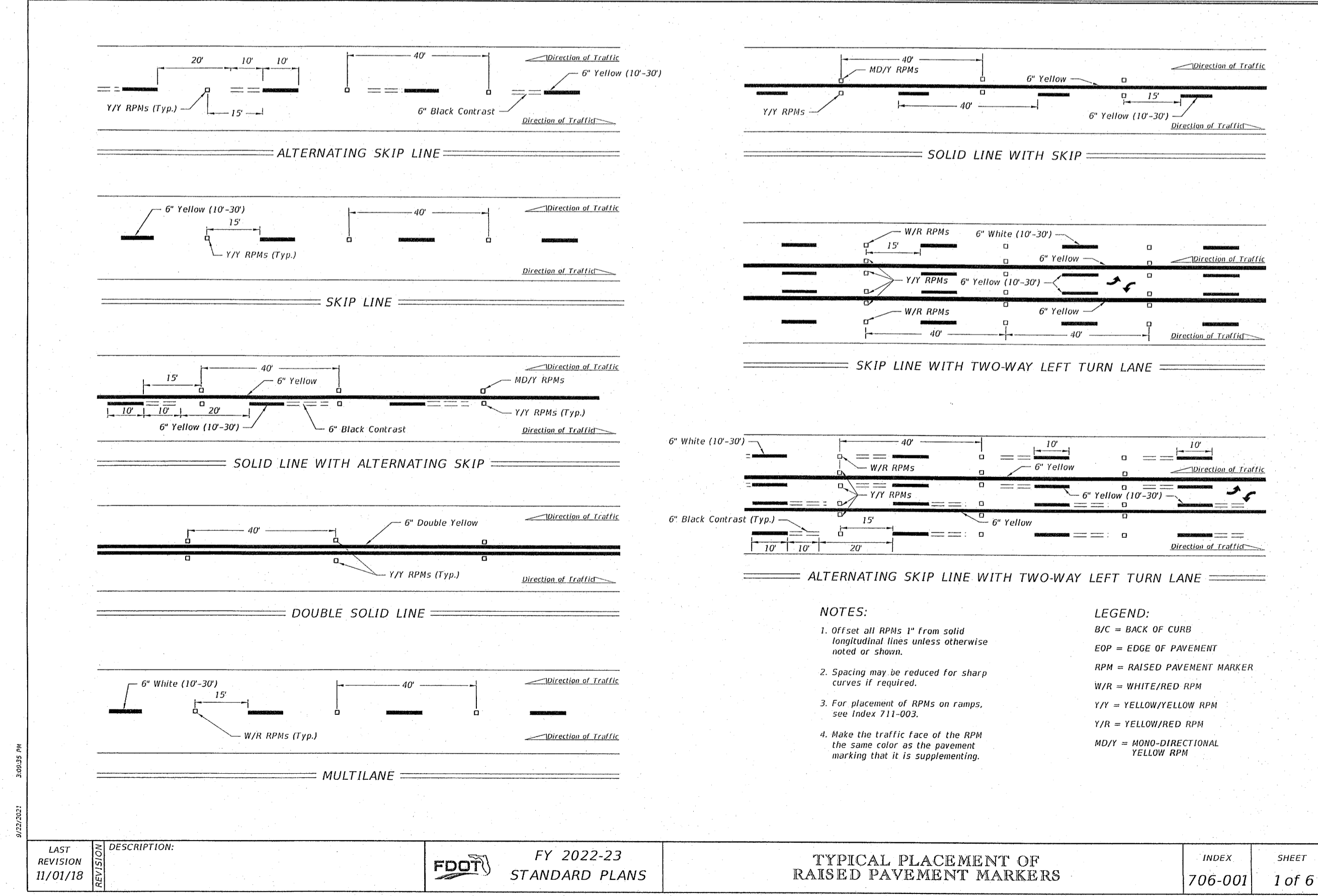
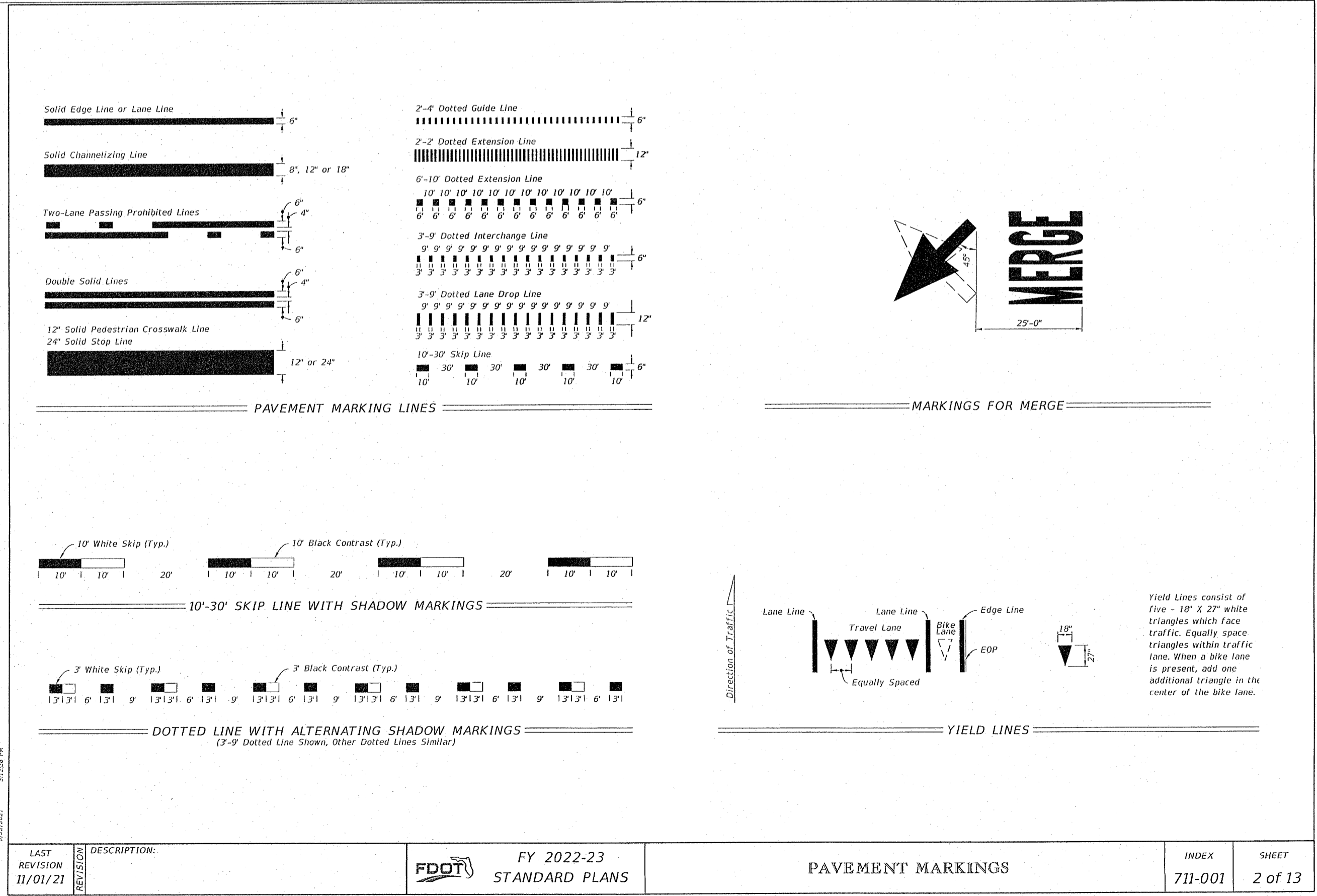
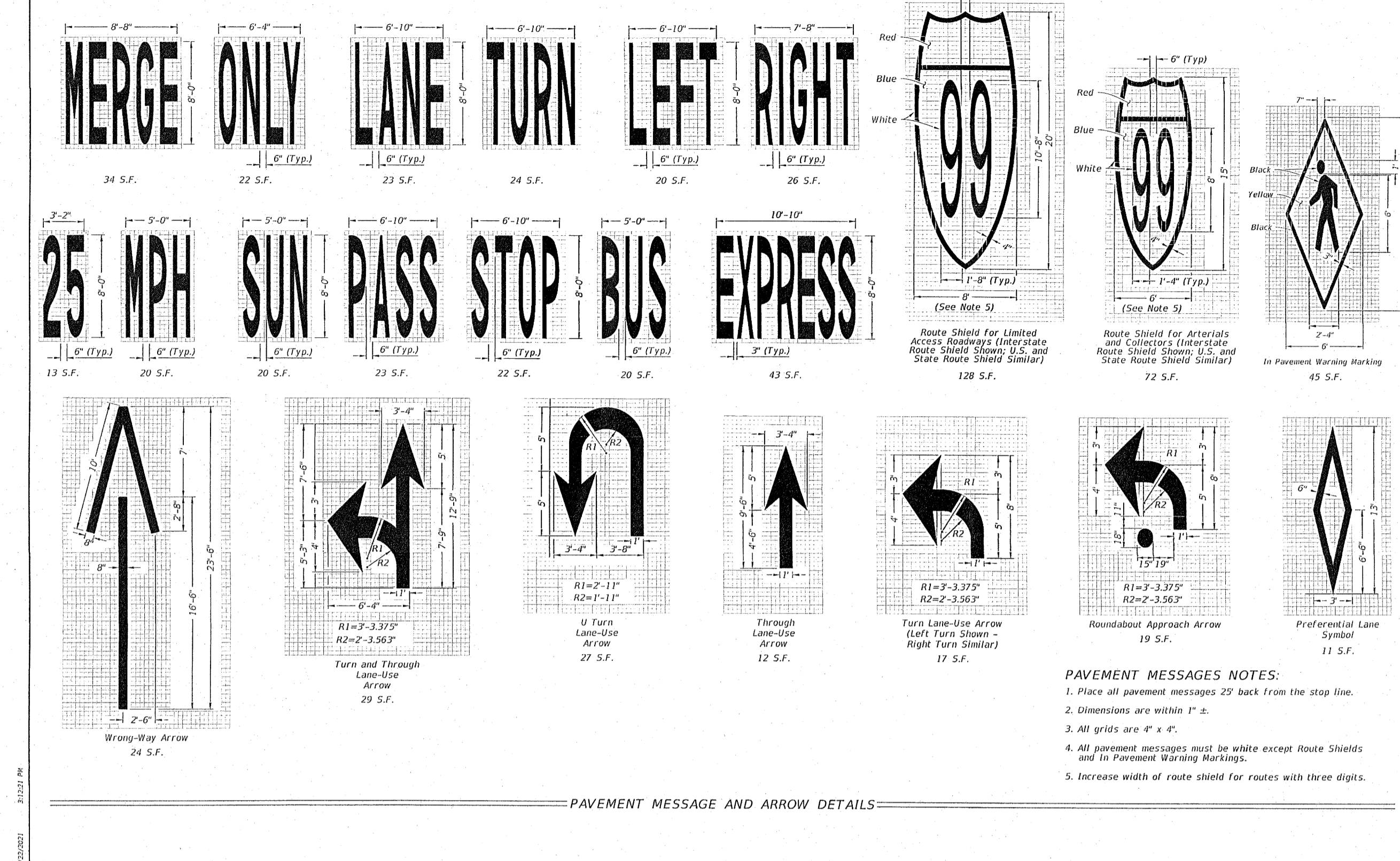
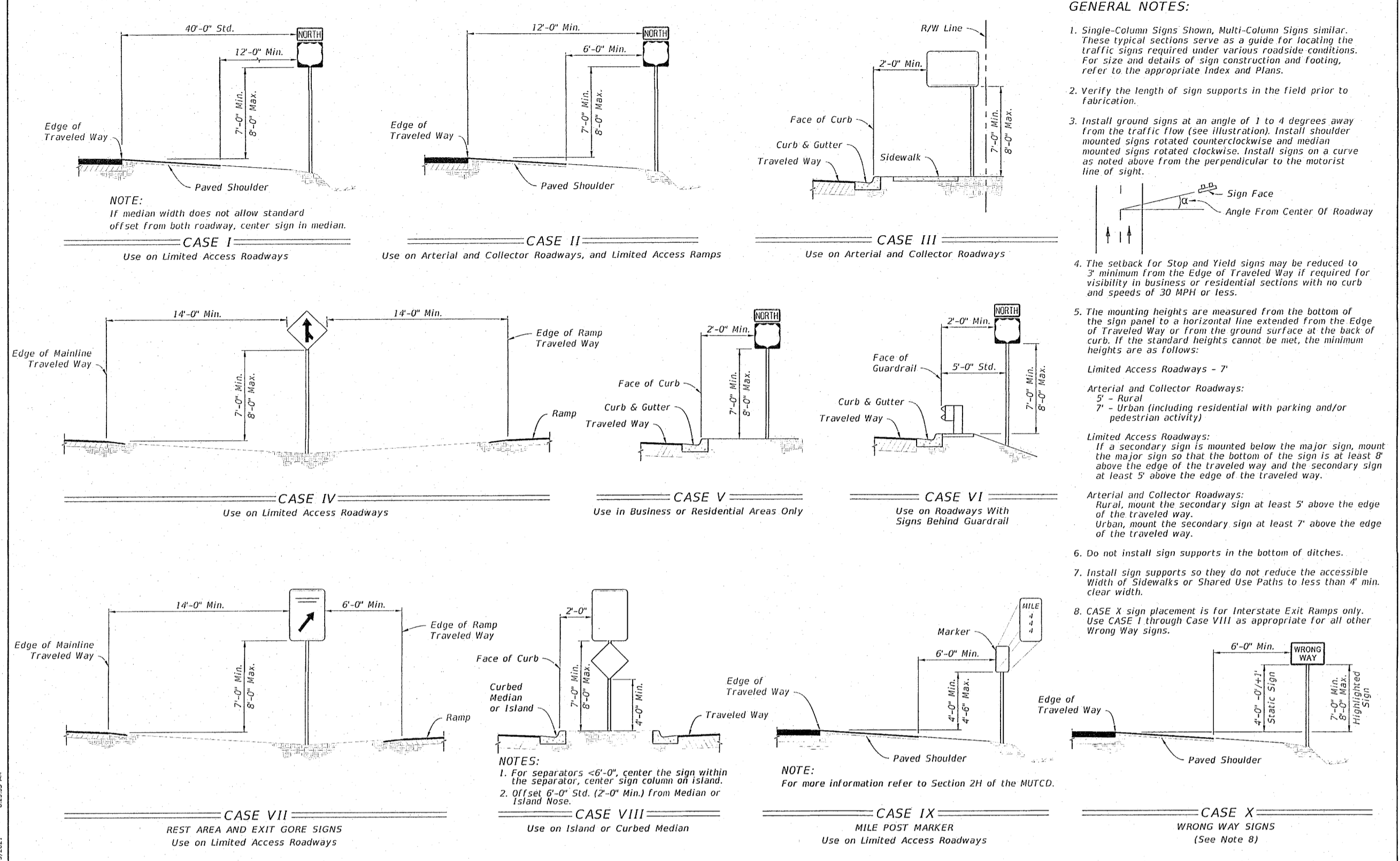
NO.	DATE	AS PER ECIA REVIEW COMMENTS
1.	06/07/2021	AS PER ECIA REVIEW COMMENTS
2.	07/07/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
5.	10/19/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER INTRM REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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CONSTRUCTION PLANS FOR FOREST HOLLOW
 FOOT DETAILS
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLVWY
 DESIGNED BY: TGHARE
 CHECKED BY: TGH
 DATE: AUGUST 2022
 SCALE: AS SHOWN
 NOT RELEASED FOR CONSTRUCTION
 PROJECT NO: 19-047
 SHEET: C20



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2.	07/07/2021	AS PER ECIA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	08/17/2021	AS PER FDOT DRAINAGE REVIEW COMMENTS
5.	10/16/2021	AS PER FDOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER NFWMD REVIEW COMMENTS
7.	7/29/2022	AS PER ESCAMBIA COUNTY REVIEW COMMENTS

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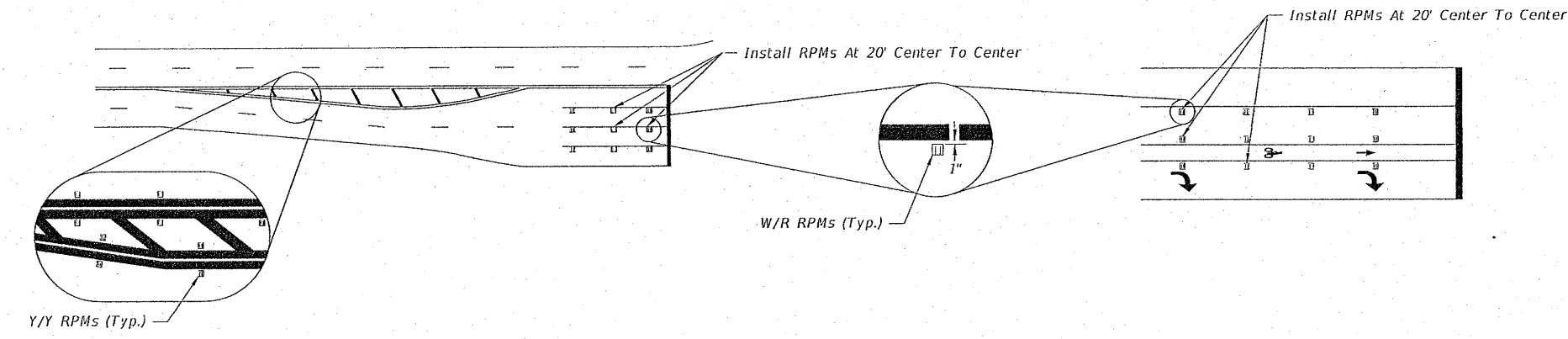
CONSTRUCTION PLANS FOR FOREST HOLLOW

FOOT DETAILS

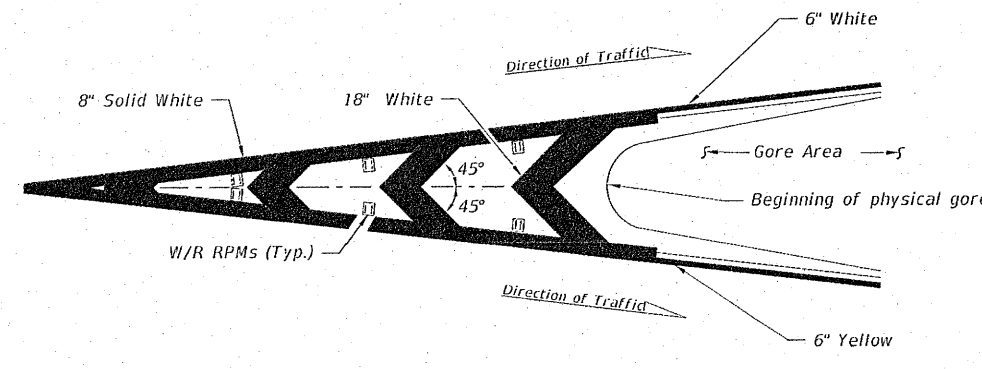
ESCAMBIA COUNTY FLORIDA

INDEX SHEET
706-001 1 of 6

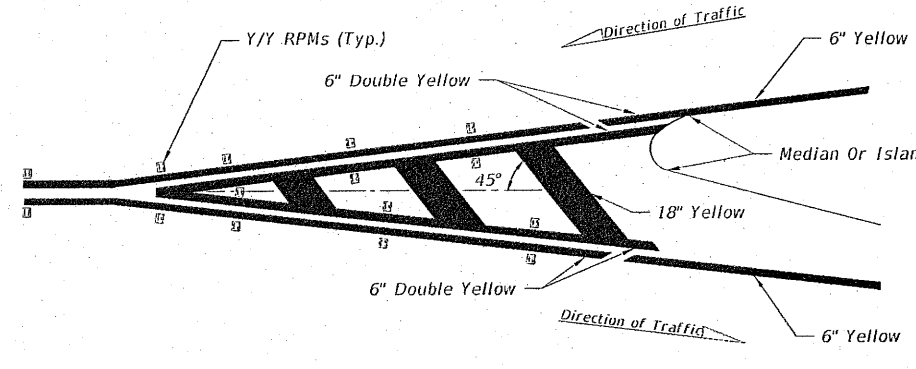
PROJECT NO: 19-047
SHEET: C21



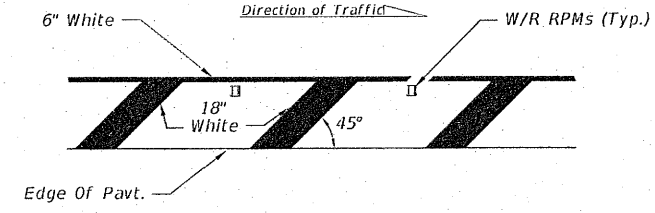
RPM PLACEMENT AT INTERSECTIONS



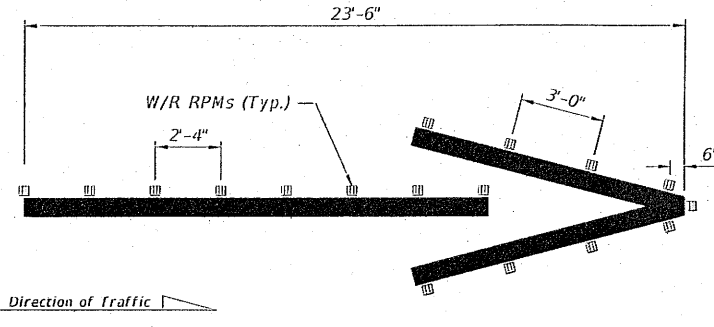
RPM PLACEMENT AT TRAFFIC CHANNELIZATION AT GORE
(Traffic Flows In Same Direction)



RPM PLACEMENT AT TRAFFIC SEPARATION
(Traffic Flows In Opposite Direction)



RPM PLACEMENT AT ROADSIDE CROSSHATCHING



WRONG-WAY ARROW

NOTE:
Center the Raised Pavement Markers between chevrons and crosshatching.

LEGEND:
B/C = BACK OF CURB
E/P = EDGE OF PAVEMENT
RPM = RAISED PAVEMENT MARKER
W/R = WHITE/RED RPM
Y/Y = YELLOW/YELLOW RPM
Y/R = YELLOW/RED RPM
M/D/Y = MONO-DIRECTIONAL YELLOW RPM

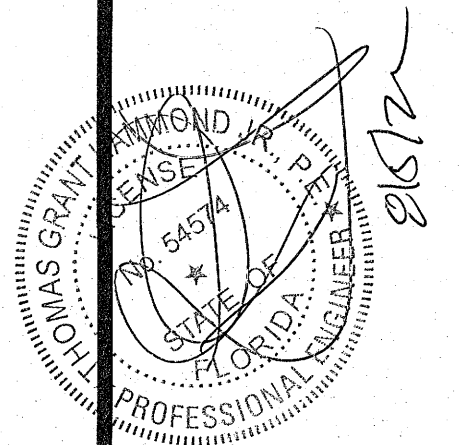
Right side of the roadway shown. For the left side of roadway, the pavement marking is yellow and oriented opposite hand.

LAST REVISION: 11/01/21	DESCRIPTION:	FDOT	FY 2022-23 STANDARD PLANS	TYPICAL PLACEMENT OF RAISED PAVEMENT MARKERS	INDEX 706-001	SHEET 2 of 6
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2.	07/07/2021	AS PER ECQA REVIEW COMMENTS
3.	07/14/2021	AS PER ESCAMBIA COUNTY REVIEW COMMENTS
4.	09/17/2021	AS PER FOOT DRAINAGE REVIEW COMMENTS
5.	10/06/2021	AS PER FOOT DRIVEWAY REVIEW COMMENTS
6.	4/15/2022	AS PER ANFWWD REVIEW COMMENTS
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CONSTRUCTION PLANS
 FOR
FOREST HOLLOW
 FOOT DETAILS
 ESCAMBIA COUNTY FLORIDA

DRAWN BY: JLV/CY
 DESIGNED BY: TGH/ARS
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 DATE: AUGUST 2022
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 BY: DATE:

PROJECT NO: 19-047
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