GENERAL NOTES:

1. CONTRACTOR SHALL NOTIFY ESCAMBIA COUNTY ENGINEER 48 HOURS PRIOR TO COMMENCEMENT OF THIS PROJECT.

2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO WIPE OUT OR ADJUST THE CROWN WHERE SO NOTED BY THE ENGINEER AND/OR REQUIRED FOR POSITIVE DRAINAGE.

3. THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENTS OF THE WATER, GAS, SEWER, 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.

4. LOCATION OF EXISTING UTILITIES SHOWN ON PLANS ARE APPROXIMATE ONLY. 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 PRESERVING AND PROTECTING SAID UTILITY OR STRUCTURES.

5. CONTRACTOR SHALL DISPOSE OF BY HAULING AWAY ALL EXCESS MATERIAL.

6. 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. CONTROL OF SEDIMENTATION AND EROSION SHALL BE THE CONTRACTOR'S RESPONSIBILITY. AREAS OF CONTROL AND TYPICAL SECTION OF BARRIER ARE SUGGESTIONS ONLY AND DOES NOT RELIEVE THE CONTRACTOR OF ANY OF HIS RESPONSIBILITY.

7. WHERE UNSUITABLE MATERIALS ARE ENCOUNTERED IN THE PAVED AREAS, THE UNSUITABLE MATERIAL SHALL BE EXCAVATED AND THE AREA BACK FILLED WITH GOOD SAND AND SAND/CLAY MATERIALS. THE SAME SHALL APPLY WHERE THE SUB-BASE IS SUBJECT TO RISING WATER TABLE.

8. CONTRACTOR SHALL BE RESPONSIBLE FOR THE STABILIZATION OF STREET AND ROAD SHOULDERS IN ACCORDANCE WITH REQUIREMENTS OF ESCAMBIA COUNTY L.D.C. AND F.D.O.T. SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.

9. WATER SUPPLY FACILITIES, INCLUDING MAINS, SHALL BE INSTALLED, CLEANED, DISINFECTED, AND BACTERIOLOGIC ALLY CLEARED FOR SERVICE IN ACCORDANCE WITH THE LATEST APPLICABLE AWWA STANDARDS AND COORDINATED WITH LOCAL UTILITY ENGINEER/INSPECTOR IN ACCORDANCE WITH ECUA'S STANDARDS.

10. 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 SPECIFICATION.

11. GRADING AROUND TREES WHICH ARE TO REMAIN SHALL BE AWAY FROM THE TREE IN A MANNER TO CAUSE NO DAMAGE TO THE TREE

12. SOD SHALL BE PLACE IN ACCORDANCE WITH SEC. 570 F.D.O.T. SPECIFICATIONS.

13. PIPELINE CONTRACTOR SHALL BE RESPONSIBLE FOR INLET TOPS AND THROATS.

14. NOTIFY COUNTY ENGINEER 24 HOURS BEFORE BEGINNING EVERY PHASE OF CONSTRUCTION

15. CONTRACTOR SHALL MAINTAIN RECORD DRAWINGS DURING CONSTRUCTION WHICH SHOW ASBUILT CONDITIONS OF ALL WORK INCLUDING PIPING, DRAINAGE STRUCTURES, OUTLET STRUCTURES, DIMENSIONS, ELEVATIONS, GRADING ETC. RECORD DRAWINGS SHALL BE PROVIDED TO THE ENGINEER OF RECORD PRIOR TO REQUESTING FINAL INSPECTION.

16. ALL PROPOSED UNDERGROUND UTILITIES WITHIN R/Ws OR UTILITY CONDUIT FOR ROAD CROSSINGS SHALL BE INSTALLED PRIOR TO PAVING. NO STREETS OR ROADS UNDER THE TWO (2) YEAR WARRANTY WILL BE ALLOWED TO BE OPEN-CUT, OR JACK-AND-BORED. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED WHENEVER POSSIBLE. IF COMMON TRENCHING IS NOT A FEASIBLE OPTION, THE DEVELOPER SHALL INSTALL CONDUIT FOR THE UTILITY NOT PARTICIPATING IN THE COMMON TRENCHING FOR ALL ROAD CROSSINGS AND THE UTILITY COMPANY WILL BE REQUIRED TO US THE CONDUIT. THIS SHALL REQUIRE PLANNING BETWEEN THE DEVELOPER AND THE UTILITY.

17. ROUGH GRADING OF RIGHT OF WAY MUST BE ESTABLISHED PRIOR TO COMMON TRENCH UTILITY INSTALLATION TO ENSURE UTILITIES ARE INSTALLED AT PROPER DEPTHS. A MINIMUM OF 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.

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

19. THE PROJECT ENGINEER (ENGINEER OF RECORD) SHALL PROVIDE TO ESCAMBIA COUNTY "ASBUILT" RECORD DRAWINGS FOR VERIFICATION AND APPROVAL BY ESCAMBIA COUNTY ONE WEEK PRIOR TO REQUEST A FINAL INSPECTION, OR PROVIDE ASBUILT CERTIFICATION THAT THE PROJECT CONSTRUCTION ADHERES TO THE PERMITTED PLANS AND SPECIFICATIONS. THE ASBUILT CERTIFICATION OR THE ASBUILT RECORD DRAWINGS MUST BE SIGNED AND SEALED AND DATED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER.

20. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/ OR SOD. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS IN ACCORDANCE WITH FDOT STANDARD PLANS INDEX 570-010.

21. THE OWNER OR HIS AGENT SHALL ARRANGE/ SCHEDULE WITH HE COUNTY A FINAL INSPECTION OF THE DEVELOPMENT UPON COMPLETION AND ANY INTERMEDIATE INSPECTIONS AT (850) 595-3472. ASBUILT CERTIFICATION IS REQUIRED PRIOR TO REQUEST FOR FINAL INSPECTION/ APPROVAL. ALL ASPECTS OF THE STORMWATER/ DRAINAGE COMPONENTS AND OR TRANSPORTATION COMPONENTS SHALL BE COMPLETED PRIOR TO REQUESTING A FINAL INSPECTION.

22. THE GENERAL CONTRACTOR IS REQUIRED TO FILE NPDES PHASE II PERMIT FOR THE PROJECT. NO WORK MAY COMMENCE ON THE PROJECT UNTIL THE NOTICE OF INTENT HAS BEEN PROPERLY SUBMITTED.

23. NOTIFY SUNSHINE UTILITIES 48 HOURS IN ADVANCE PRIOR TO DIGGING WITHIN R/W. 1-800-432-4770

24. ECUA INSPECTOR OR AUTHORIZED REPRESENTATIVE MUST OBSERVE ALL CONNECTIONS TO ECUA'S EXISTING WATER AND SANITARY SEWER SYSTEMS.

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

26. THE SUBGRADE IS TO BE TESTED FOR COMPACTION AT A FREQUENCY OF NOT LESS THAN ONE TEST PER 300 LINEAR FEET IN THE PROPOSED ROADWAY AREAS. COMPLIANCE TESTS WITHIN THE FILL/BACKFILL AREAS ARE TO BE PERFORMED AT A FREQUENCY OF NOT LESS THAN ONE TEST PER 300 LINEAR FEET.

27. ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED WITH FABRIC/SOCK.

28. A HEALTHY GROWTH OF GRASS WITHIN 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.

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

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

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

32. 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.

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

34. SIGNALIZATION IN THE FDOT R/W WILL BE BID SEPARATELY.

35. ALL LAND SHALL REMAIN VEGETATED & IN ITS NATURAL STATE UNTIL SUCH TIME AS DRC SITE PLAN AND ANY ADDITIONAL PERMITTING APPROVALS ALLOW FOR SUCH, PER CODE. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL MATERIALS, OR OTHER "LAND DISTURBING ACTIVITIES", ETC. SHALL BE PERMITTED OR OTHERWISE APPROVED BY THTE COUNTY PRIOR TO INITIATION.

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

37. THE CONTRACTOR SHALL NOTIFY FDOT 48 HOURS IN ADVANCE PRIOR TO INITIATING ANY WORK IN THE STATE RIGHT OF WAYS.

SPECIFICATIONS:

ALL WORK TO BE PERFORMED WITH THE LATEST EDITION OF THE FOLLOWING SPECIFICATIONS:
- ESCAMBIA COUNTY: HTTPS://MYESCAMBIA.COM/DOCS/DEFAULT-SOURCE/SHAREPOINT-PUBLIC-WORKS/COUNTY-TECHNICAL-SPECIFICATIONS-W-FDOT-LAP-SPECS_05-17-17.PDF
- ECUA: HTTPS://ECUA.FL.GOV/WORK-WITH-US/ENGINEERING-MANUALS-CONTACTS
- FDOT: HTTPS://WWW.FDOT.GOV/DESIGN/STANDARDPLANS/CURRENT/DEFAULT.SHTM

FLOOD ZONE NOTE:

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE X, (MINIMAL RISK AREAS OUTSIDE THE 1-PERCENT AND .2-PERCENT-ANNUAL-CHANCE FLOODPLAINS. NO BFEs 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 NUMBERS 12033C0290G, MAP REVISION DATED SEPTEMBER 29, 2006

WELLHEAD PROTECTION 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.

UTILITY CONTACTS

CONTRACTOR SHALL NOTIFY SUNSHINE 1 48 HOURS PRIOR TO COMMENCING CONSTRUCTION 1-800-432-4770

GULF POWER CO.
ALLEN THOMPSON
850-429-2603

PENSACOLA ENERGY
DIANE MOORE
850-474-5319

AT&T
STEPHEN KENNINGTON
850-512-4848

COX COMMUNICATIONS
TROY YOUNG
850-232-5044

ECUA
PETER KUMMER
850-969-6643

CONSTRUCTION PLANS FOR

Ransley Station

A PROPOSED 12 LOT COMMERCIAL SUBDIVISION OF A PORTION OF SECTION 11, TOWNSHIP 1 SOUTH, RANGE 31 WEST ESCAMBIA COUNTY, FLORIDA AUGUST 2021

VICINITY MAP
(NOT TO SCALE)

SHEET	DESCRIPTION
	INDEX OF DRAWINGS
1	COVER SHEET
2	EXISTING CONDITIONS / DEMOLITION PLAN
3	SITE/UTILITY PLAN - OVERALL
4	SITE/UTILITY PLAN - SOUTH
5	SITE/UTILITY PLAN - NORTH
6	DRAINAGE PLAN - OVERALL
7	DRAINAGE PLAN - SOUTH
8	DRAINAGE PLAN - NORTH
9	GRADING PLAN - OVERALL
10	GRADING PLAN - SOUTH
11	GRADING PLAN - NORTH
12	TREE PLAN - OVERALL
13	TREE PLAN - CHART
14	TREE PLAN - SOUTH
15	TREE PLAN - NORTH
16	PLAN/PROFILE - RANSLEY STATION BLVD
17	PLAN/PROFILE - RANSLEY STATION BLVD
18	PLAN/PROFILE - BOESCH LANE
19	PLAN/PROFILE - BOESCH LANE
20	PLAN/PROFILE - MISC. STORMWATER
21	PLAN/PROFILE - MISC. STORMWATER
22	PLAN/PROFILE - MISC. STORMWATER
23	PLAN/PROFILE - MISC. STORMWATER
24	PLAN/PROFILE - MISC. STORMWATER
25	PLAN/PROFILE - OFFSITE SEWER
26	PLAN/PROFILE - OFFSITE SEWER
27	PLAN/PROFILE - OFFSITE SEWER
28	ROAD DETAILS
29	ROAD DETAILS
30	RETENTION POND DETAILS
31	DRAINAGE DETAILS
32	DRAINAGE DETAILS
33	FDOT - 660 SURVEY
34	FDOT - 660 SURVEY
35	FDOT - DRIVEWAY #1
36	FDOT - DRIVEWAY #2 & #3
37	FDOT - DRIVEWAY DETAILS

DRAINAGE FEE

Imperv. Surf. 102,828 Sq ft

Stormwater Ret. .86 % (F)

Total Drainage Fee $4,421.60

Pond Maint. Fee: MSBU

Approved [signature] 8-13-21
Designee Date

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

*ECUA Engineering Manual Reference Note**

**note shall be inserted in the upper right corner of title sheet*

** applicable only to ECUA infrastructure to be constructed in public ROW or in utility easement; not to be applied to private water/sewer facilities on private property (see Building Code)*

A. *ECUA Engineering Manual Incorporated by Reference*

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

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

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

Document Name	Document Type		Location	
	Specification	Detail	Plans	Project Manual*
LPFM SEWER SERVICE	☐	☒	☒	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

**Project Manuals used only with ECUA CIP Projects*

C. *Engineer of Record Responsibilities*

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

LEGAL DESCRIPTION: *(AS PREPARED BY MERRILL PARKER SHAW, INC.)*

COMMENCE AT THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SECTION 11, TOWNSHIP-1-SOUTH, RANGE-31-WEST, ESCAMBIA COUNTY, FLORIDA; THENCE GO SOUTH 02 DEGREES 47 MINUTES 43 SECONDS WEST ALONG THE EAST LINE OF SAID SECTION 11, FOR A DISTANCE OF 864.59 FEET; THENCE DEPARTING THE EAST LINE OF SAID SECTION 11, GO NORTH 87 DEGREES 15 MINUTES 52 SECONDS WEST, FOR A DISTANCE OF 50.00 FEET TO THE INTERSECTION WITH THE WEST RIGHT-OF-WAY LINE OF PINE FOREST ROAD, STATE ROAD 297 (100 FOOT RIGHT-OF-WAY); THENCE GO SOUTH 02 DEGREES 47 MINUTES 43 SECONDS WEST ALONG SAID WEST RIGHT-OF-WAY LINE OF PINE FOREST ROAD, FOR A DISTANCE OF 262.10 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE SOUTH 02 DEGREES 47 MINUTES 43 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID PINE FOREST ROAD, FOR A DISTANCE OF 733.79 FEET; THENCE GO NORTH 87 DEGREES 12 MINUTES 17 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY OF SAID PINE FOREST ROAD, FOR A DISTANCE OF 50.00 FEET; THENCE GO SOUTH 02 DEGREES 47 MINUTES 43 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID PINE FOREST ROAD, FOR A DISTANCE OF 500.00 FEET; THENCE GO SOUTH 07 DEGREES 47 MINUTES 45 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID PINE FOREST ROAD, FOR A DISTANCE OF 296.53 FEET; THENCE GO SOUTH 35 DEGREES 18 MINUTES 49 SECONDS WEST ALONG THE WEST RIGHT-OF-WAY LINE OF SAID PINE FOREST ROAD, FOR A DISTANCE OF 178.13 FEET TO THE INTERSECTION WITH THE NORTH RIGHT-OF-WAY LINE OF INTERSTATE 10, STATE ROAD 8 (RIGHT-OF-WAY VARIES); THENCE GO NORTH 75 DEGREES 04 MINUTES 47 SECONDS WEST ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID INTERSTATE 10, FOR A DISTANCE OF 663.67 FEET; THENCE GO NORTH 57 DEGREES 07 MINUTES 17 SECONDS WEST ALONG THE NORTH RIGHT-OF-WAY LINE OF SAID INTERSTATE 10, FOR A DISTANCE OF 533.84 FEET TO THE INTERSECTION WITH THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF THE AFORESAID SECTION 11; THENCE DEPARTING THE NORTH RIGHT-OF-WAY LINE OF SAID INTERSTATE 10, GO NORTH 02 DEGREES 55 MINUTES 27 SECONDS EAST ALONG THE WEST LINE OF THE NORTHEAST QUARTER OF THE SOUTHEAST QUARTER OF SAID SECTION 11 AND THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11, FOR A DISTANCE OF 2,081.94 FEET TO THE NORTHWEST CORNER OF THAT PARCEL OF LAND DESCRIBED IN OFFICIAL RECORDS BOOK 6760 AT PAGE 515 OF THE PUBLIC RECORDS OF ESCAMBIA COUNTY, FLORIDA; THENCE DEPARTING THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 11, GO SOUTH 87 DEGREES 11 MINUTES 09 DEGREES EAST ALONG NORTH LINE OF THAT PARCEL DESCRIBED IN SAID OFFICIAL RECORDS BOOK 6760 AT PAGE 515, FOR A DISTANCE OF 442.43 TO THE NORTHEAST CORNER OF THAT PARCEL DESCRIBED IN SAID OFFICIAL RECORDS BOOK 6760 AT PAGE 515; THENCE DEPARTING SAID NORTH LINE, GO SOUTH 02 DEGREES 24 MINUTES 31 SECONDS WEST ALONG THE EAST LINE OF THAT PARCEL DESCRIBED IN SAID OFFICIAL RECORDS BOOK 6760 AT PAGE 515, FOR A DISTANCE OF 488.18 FEET; THENCE GO SOUTH 87 DEGREES 15 MINUTES 53 SECONDS EAST FOR A DISTANCE OF 73.53 FEET; THENCE GO SOUTH 02 DEGREES 45 MINUTES 18 SECONDS WEST, FOR A DISTANCE OF 322.10 FEET; THENCE GO SOUTH 87 DEGREES 15 MINUTES 52 SECONDS EAST, FOR A DISTANCE OF 758.24 FEET TO THE POINT OF BEGINNING.
THE ABOVE DESCRIBED PARCEL IS SITUATED IN SECTION 11, TOWNSHIP-1-SOUTH, RANGE-31-WEST, ESCAMBIA COUNTY, FLORIDA AND CONTAINS 52.85 ACRES MORE OR LESS.

OWNER AND DEVELOPER
RANSLEY STATION DEVELOPMENT, LLC
41 N. JEFFERSON ST., 4TH FLOOR
PENSACOLA, FL 32502
(850) 607-6069

SURVEYOR
MERRILL PARKER SHAW, INC.
E. WAYNE PARKER
4928 N. DAVIS
HIGHWAY
PENSACOLA, FL 32503
(850) 478-4923

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

ENGINEER OF RECORD
DAVID W. FITZPATRICK, P.E, P.A.
PROFESSIONAL ENGINEER
10250 NORTH PALAFOX STREET
PENSACOLA, FLORIDA 32534
(850) 476-8677

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

8/12/21
SHEET NO. 1
PROJECT NO. 19-041

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

CONSTRUCTION SEQUENCING:

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

1. INSTALLATION OF ALL SEDIMENT AND EROSION CONTROL DEVICES THAT CAN BE PLACED PRIOR TO ANY MAJOR SOIL DISTURBANCES.

2. CLEAR AND REMOVE ALL EXISTING VEGETATION IN THOSE AREAS WHERE NECESSARY. ALL REMAINING VEGETATION SHALL BE PROPERLY PROTECTED AND TO REMAIN IN ITS NATURAL STATE.

3. IMMEDIATE INSTALLATION OF ALL REMAINING SEDIMENT AND EROSION CONTROL DEVICES.

4. EXCAVATE PONDS TO ROUGH GRADE. EXCAVATED MATERIAL TO BE TEMPORARILY STORED ONSITE (LOCATION SHOWN ON PLAN). ANY UNUSED MATERIAL TO BE HAULED OFFSITE TO AN APPROVED DISPOSAL SITE.

5. INITIATE REMAINING SITE DEVELOPMENT ACTIVITIES.

6. IMMEDIATELY FOLLOWING INSTALLATION, CONTRACTOR IS TO INSTALL SILT SAVE FRAME AND FILTER ASSEMBLIES TO EACH STORM STRUCTURE. ONCE INLET TOPS ARE INSTALLED, WATTLES ARE TO BE PLACED ALONG THROAT OPENINGS.

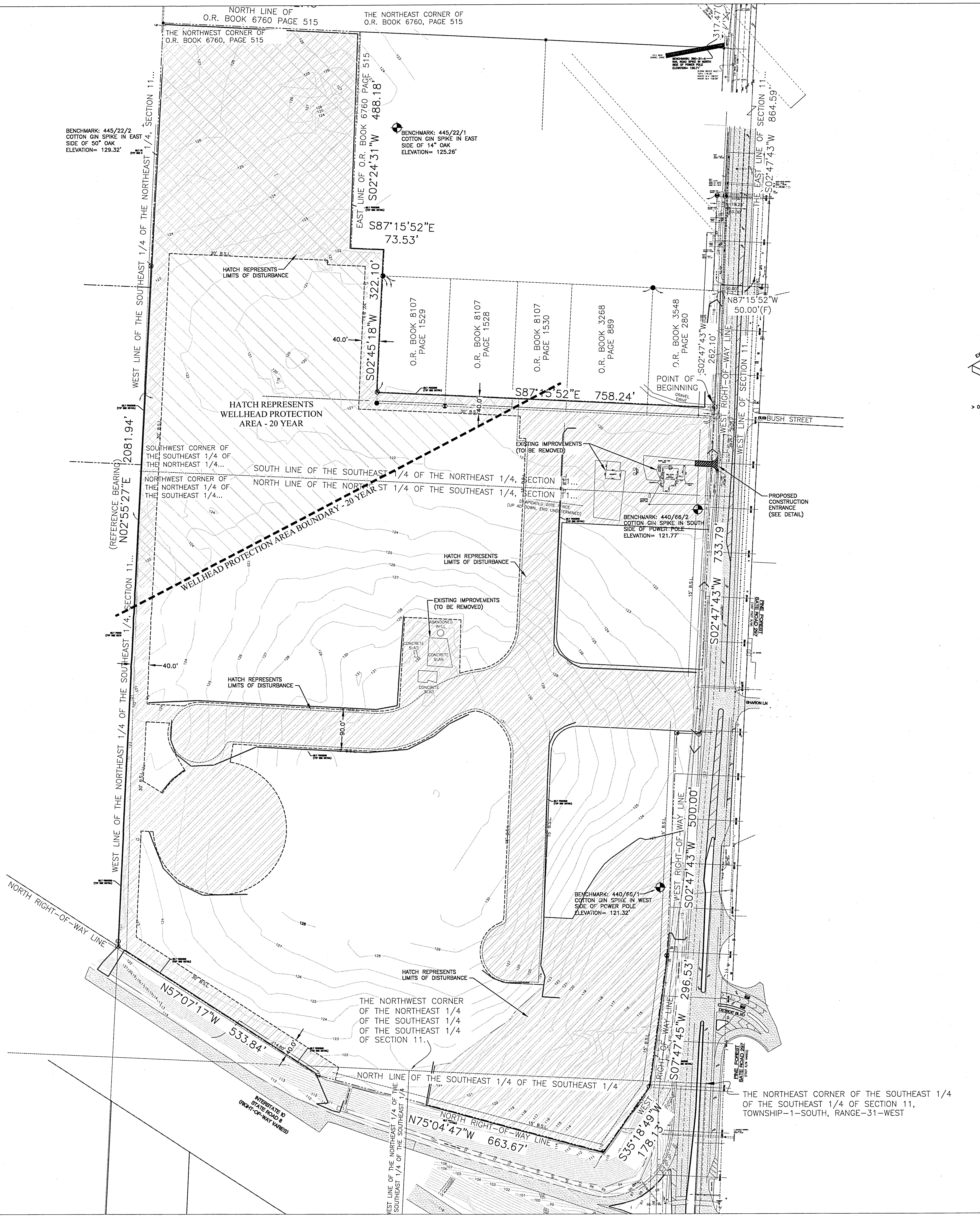
7. UPON COMPLETION OF CONSTRUCTION ACTIVITIES, PROVIDE RESTORATION, FINE GRADE REMAINDER OF SITE, AND STABILIZE WITH TEMPORARY SEEDING.

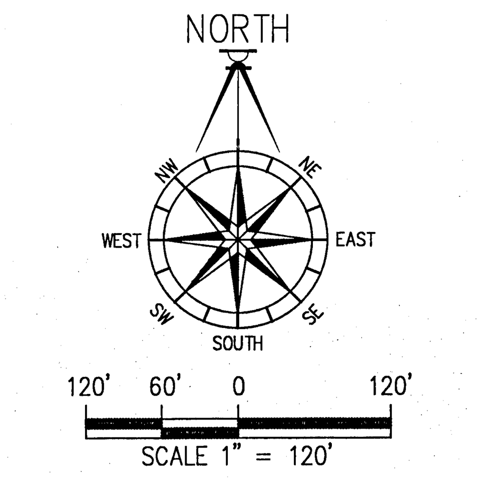
8. REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

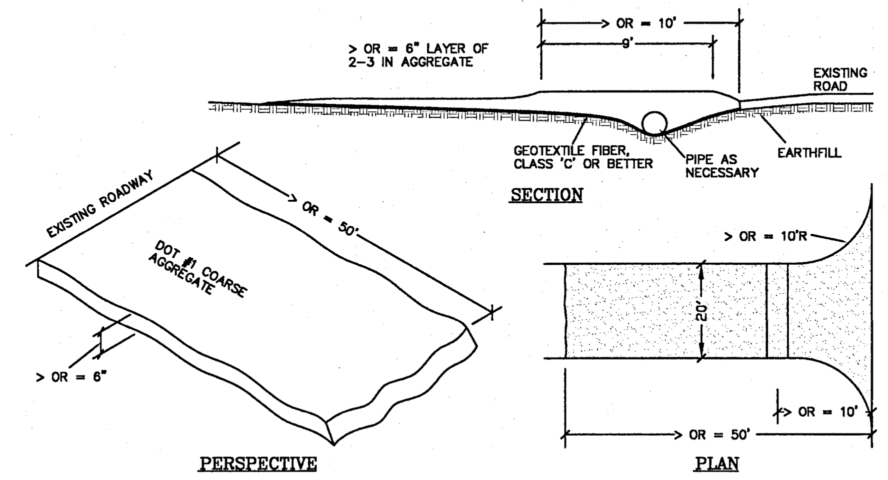
EROSION CONTROL NOTES:

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

2. ALL EROSION AND SEDIMENT CONTROLS SPECIFIED ON THESE PLANS (LIMITS OF SOIL EROSION AND SEDIMENTATION CONTROL MEASURES) SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION OR DEMOLITION. SILT FENCING AND STAKED HAY BALES SHALL BE INSTALLED ALONG DOWN-GRADIENT LIMITS TO PROTECT EXISTING DRAINAGE STRUCTURES AND/OR DRAINAGE SYSTEMS FROM EROSION AND SEDIMENTATION.





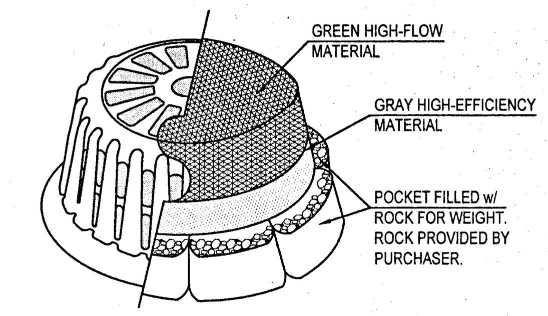


CONSTRUCTION ENTRANCE/EXIT PLAN VIEW

NTS

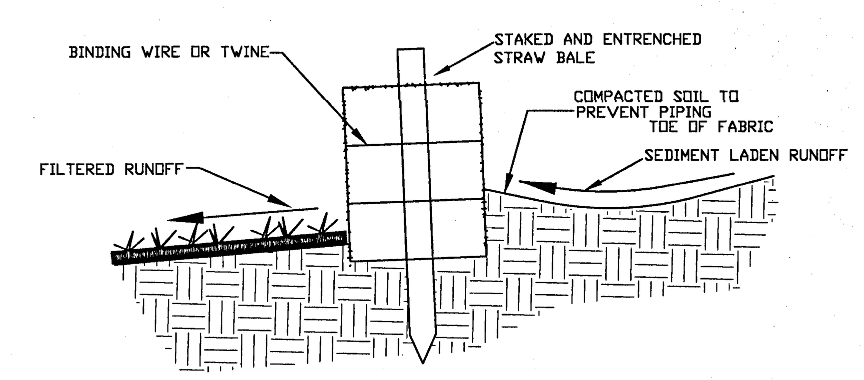
FILTER INSTALLATION
FILTER SLIDES DIRECTLY OVER FILTER FRAME. TO KEEP FILTER FRAME IN PLACE OVER STORM STRUCTURE, ROCK POCKETS ARE SEWN DIRECTLY INTO FILTER. EVERY FILTER COMES IN ONE PIECE FOR EASY INSTALLATION.

MAINTENANCE
ALL TEMPORARY EROSION, SEDIMENTATION, & POLLUTION CONTROL PRACTICES SHOULD BE INSPECTED DAILY. CONTRACTOR SHALL REMOVE SEDIMENT AND DISPOSE OF IN A PROPER MANNER. INSPECT FRAME AND FILTER DAILY FOR CUTS, ABRASIONS, AND PROPER INSTALLATION. REPLACE OR REPOSITION AS NECESSARY.

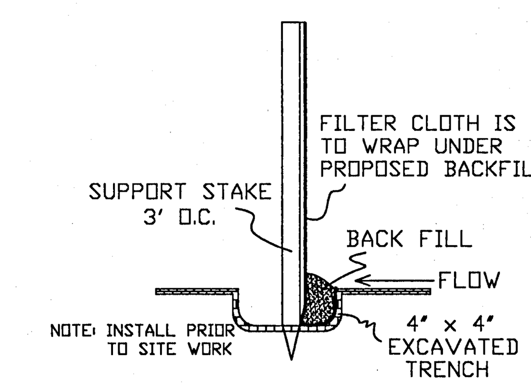


SILT SAVER DETAIL

SHOWN WITH DOT FILTER



DETAIL OF PROPERLY INSTALLED STRAW BALE



STANDARD SILT FENCE DETAIL

N.T.S.

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-6877 FAX: (850)476-7708

RANSLEY STATION

EXISTING CONDITIONS / DEMOLITION PLAN

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No. 47618 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C2 OF C37

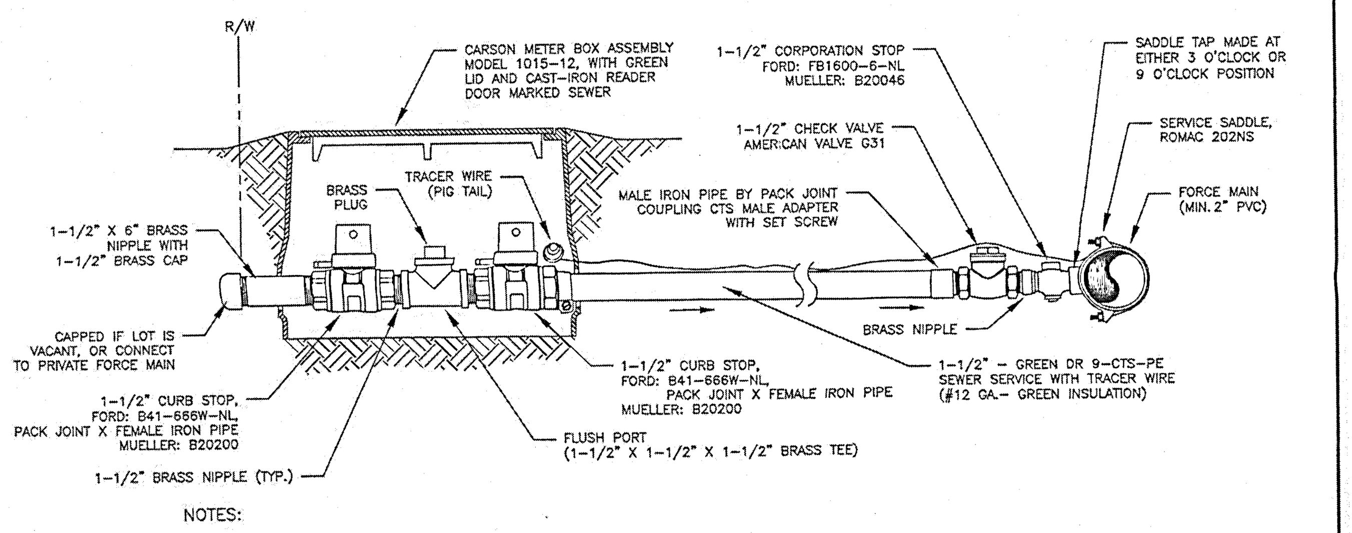
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

WELLHEAD PROTECTION 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.

SANITARY SEWER NOTE:

EACH COMMERCIAL PARCEL DEVELOPER IS RESPONSIBLE FOR INDIVIDUAL LIFT STATION(S) ON EACH PARCEL TO BE CONNECTED TO THE LOW PRESSURE FORCEMAIN INSTALLED IN THE RIGHT OF WAYS.



NOTES:

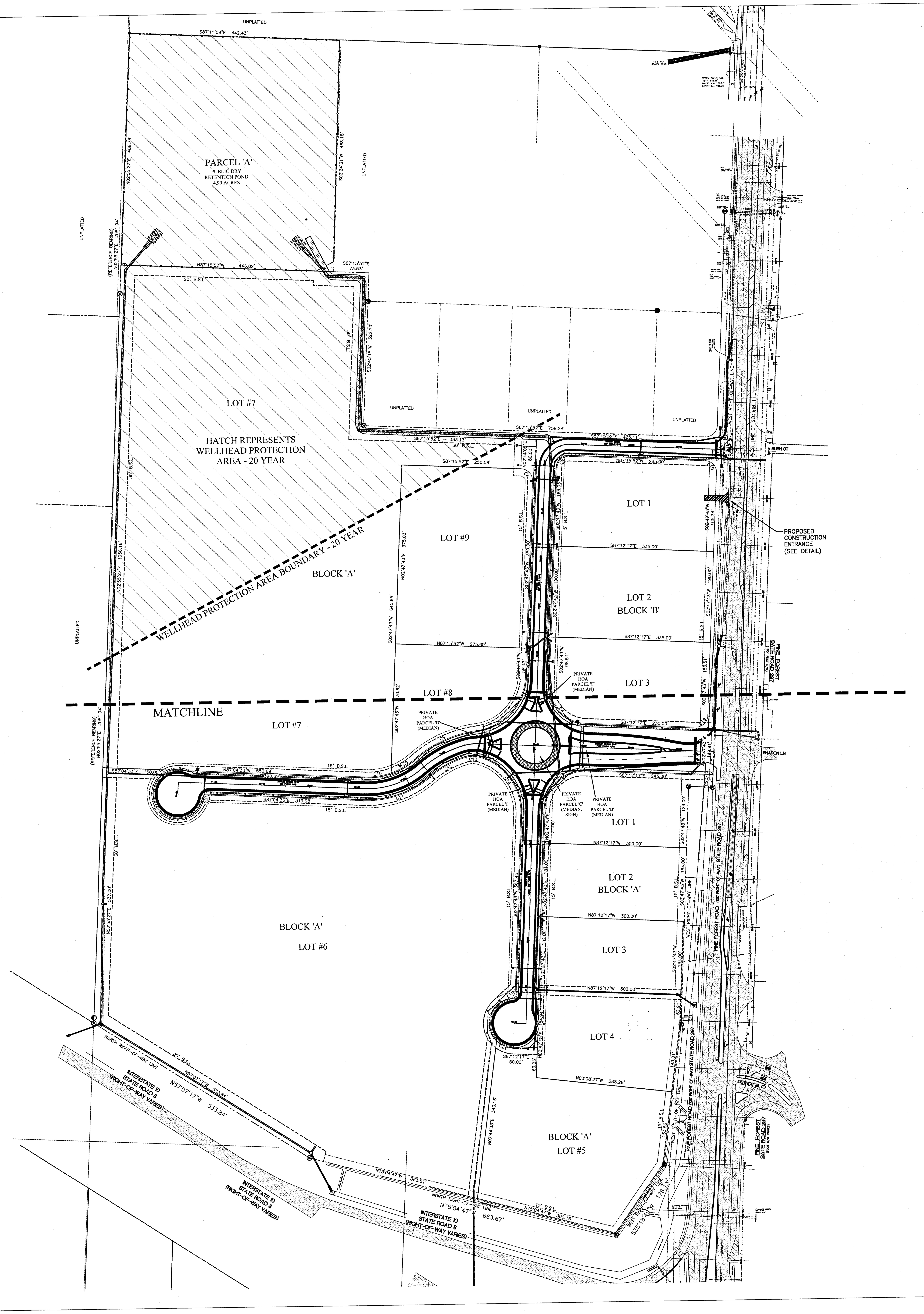
1. THIS DETAIL APPLIES TO ALL 1-1/2" LOW PRESSURE SEWER SERVICES, RESIDENTIAL AND COMMERCIAL.
2. EACH CUSTOMER SHALL HAVE A SEPARATE SERVICE. SERVICES SHALL BE LOCATED ON OPPOSITE LOT LINE FROM WATER METERS PER APPROVED PLANS. CONSULT WITH ECUA INSPECTOR IF UNCLEAR.
3. GRINDER STATION SHALL BE OWNED AND MAINTAINED BY THE PROPERTY OWNER.
4. EACH GRINDER PUMP SHALL BE CAPABLE OF DELIVERING 12 GPM AT A MINIMUM HEAD CONDITION OF 115' (50 PSI) OR MORE, UNLESS OTHERWISE APPROVED BY ECUA ENGINEERING. PUMP SHALL BE SIZED AND SPECIFIED BY THE ENGINEER OF RECORD WITH SELECTION SHOWN ON ECUA APPROVED PLANS, AND PLUMBERS/SUPPLIERS SHALL SUPPLY PUMP THAT MEETS OR EXCEEDS SAID SELECTION BASED ON SITE CONDITIONS. A CHECK VALVE AND BALL VALVE SHALL BE SUPPLIED AT THE GRINDER STATION.
5. IF SERVICE IS INSTALLED UNDER ROAD, THEN A 3" HDPE SDR 17 GREEN, OR 3" HDPE SDR 17 GREEN-STRIPED CASING SHALL BE INSTALLED.

EMERALD COAST UTILITIES AUTHORITY

SCALE: N.T.S.
DATE: 4/21/2021

1-1/2" LOW PRESSURE SEWER SERVICE

DETAIL D-20



NORTH
WEST EAST SOUTH
120' 60' 0 120'
SCALE 1" = 120'

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

SITE / UTILITY PLAN - OVERALL

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

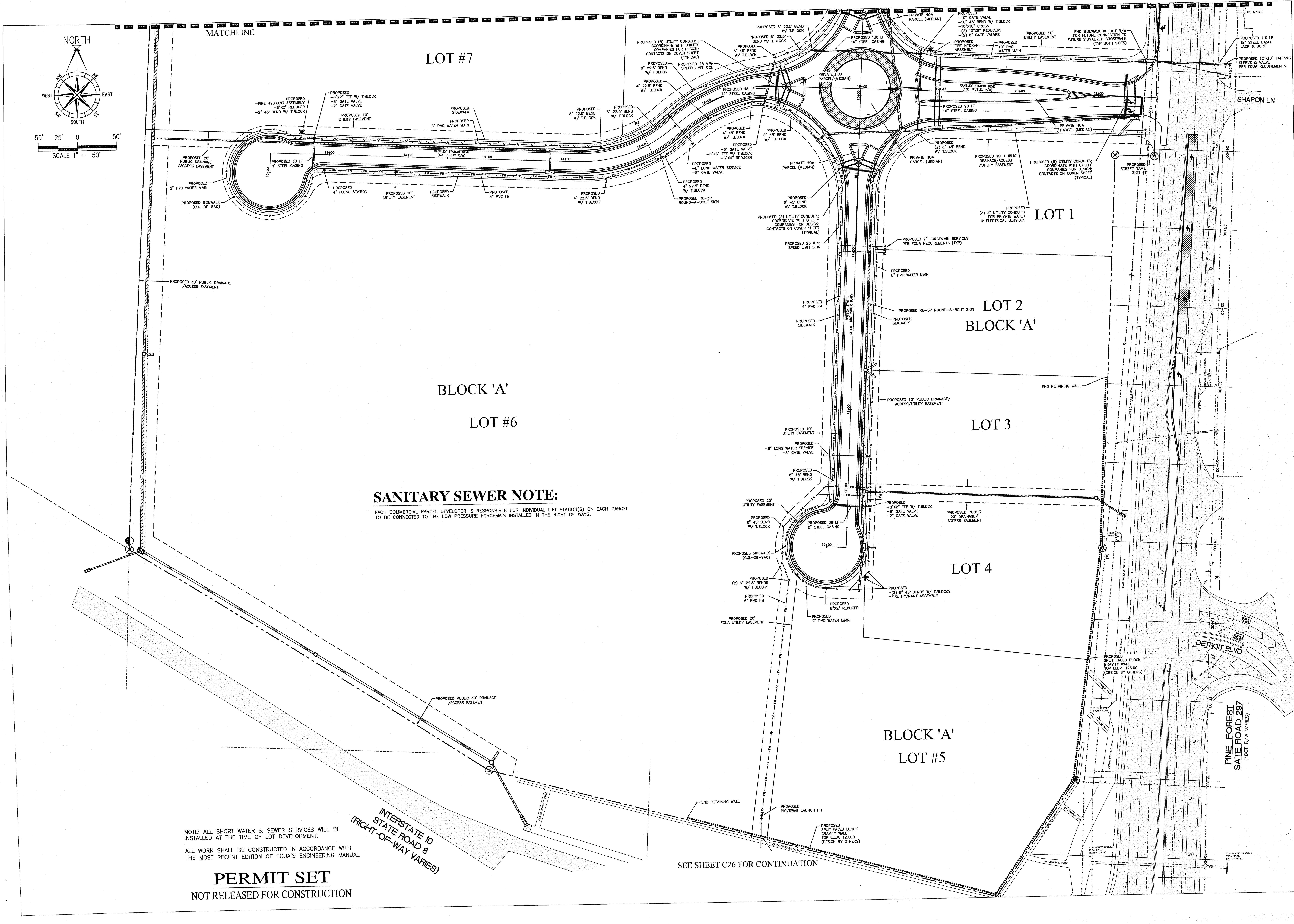
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C3 OF C37



SANITARY SEWER NOTE:

EACH COMMERCIAL PARCEL DEVELOPER IS RESPONSIBLE FOR INDIVIDUAL LIFT STATION(S) ON EACH PARCEL TO BE CONNECTED TO THE LOW PRESSURE FORCEMAIN INSTALLED IN THE RIGHT OF WAYS.

NOTE: ALL SHORT WATER & SEWER SERVICES WILL BE INSTALLED AT THE TIME OF LOT DEVELOPMENT.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

SEE SHEET C26 FOR CONTINUATION

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

SITE / UTILITY PLAN - SOUTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/1/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

DAVID W. FITZPATRICK No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE:

PROJECT NUMBER 19-041

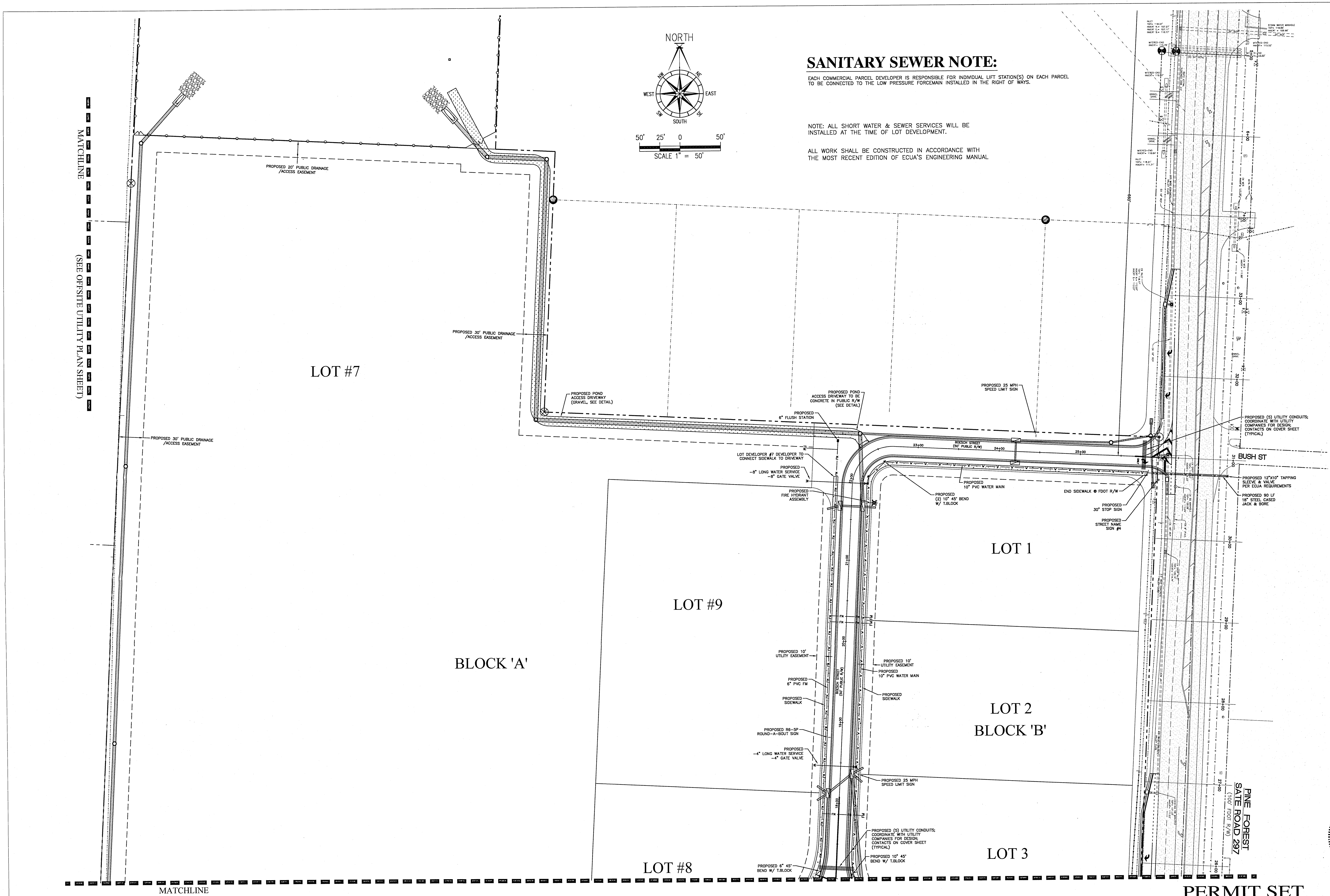
PLOT DATE 8/12/21

SANITARY SEWER NOTE:

EACH COMMERCIAL PARCEL DEVELOPER IS RESPONSIBLE FOR INDIVIDUAL LIFT STATION(S) ON EACH PARCEL TO BE CONNECTED TO THE LOW PRESSURE FORCEMAIN INSTALLED IN THE RIGHT OF WAYS.

NOTE: ALL SHORT WATER & SEWER SERVICES WILL BE INSTALLED AT THE TIME OF LOT DEVELOPMENT.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

SITE / UTILITY PLAN - NORTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

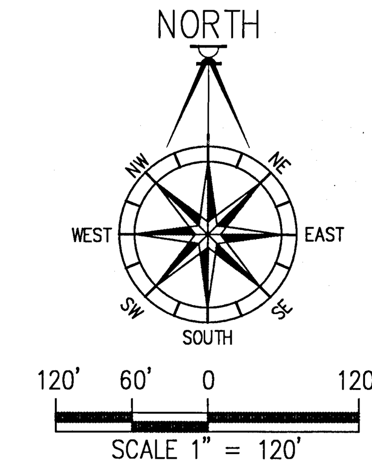
DATE:

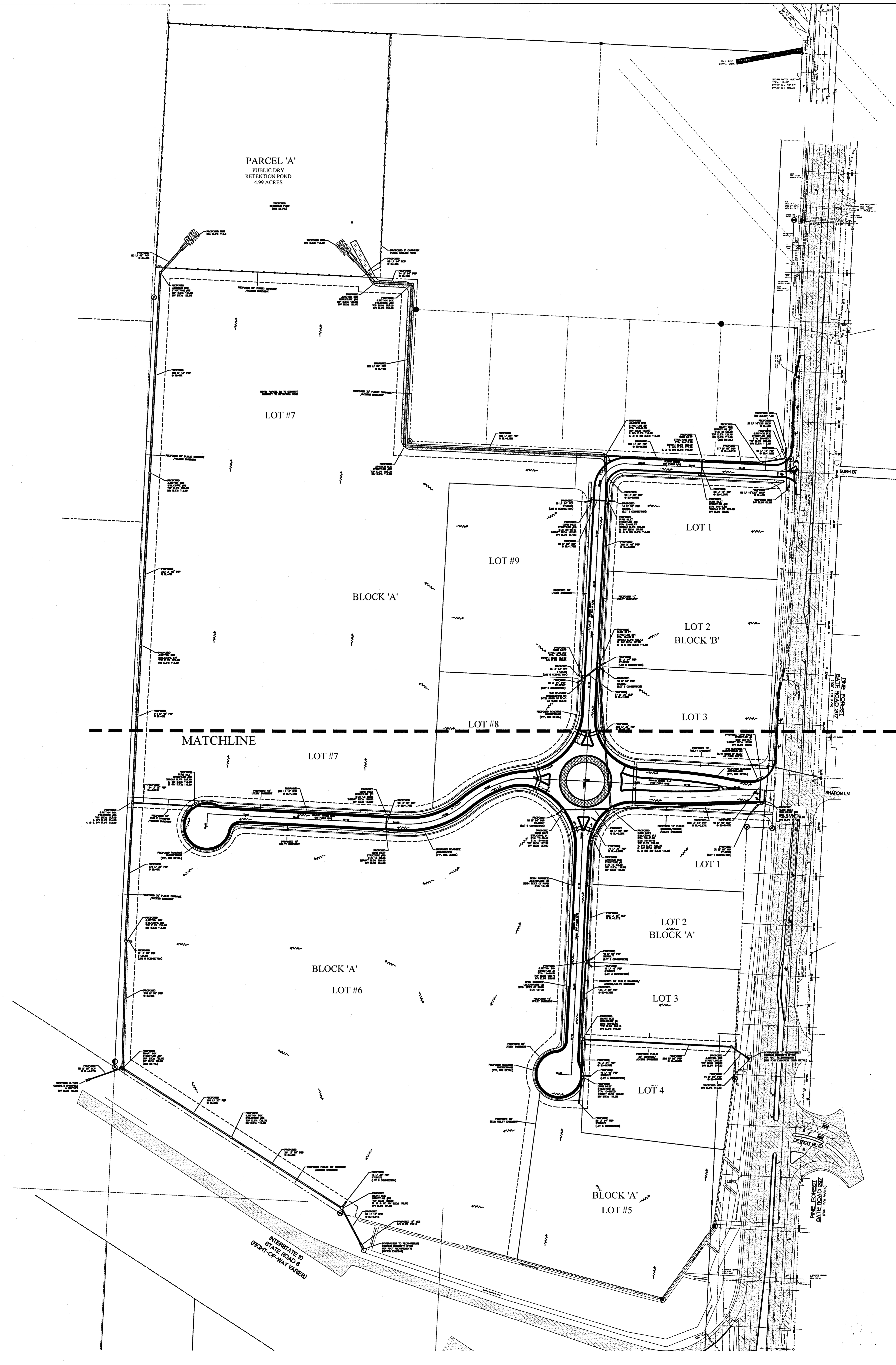
PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C5 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





DRAINAGE STRUCTURE CHART

MANHOLES	INLETS	OUTFALL STRUC.	PIPE (FEET) 18"	24"	30"	36"	42"	48"	54"	14"X23"
15	16	4	1337	1189	720	1137	1466	90	876	85

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

DRAINAGE PLAN - OVERALL

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

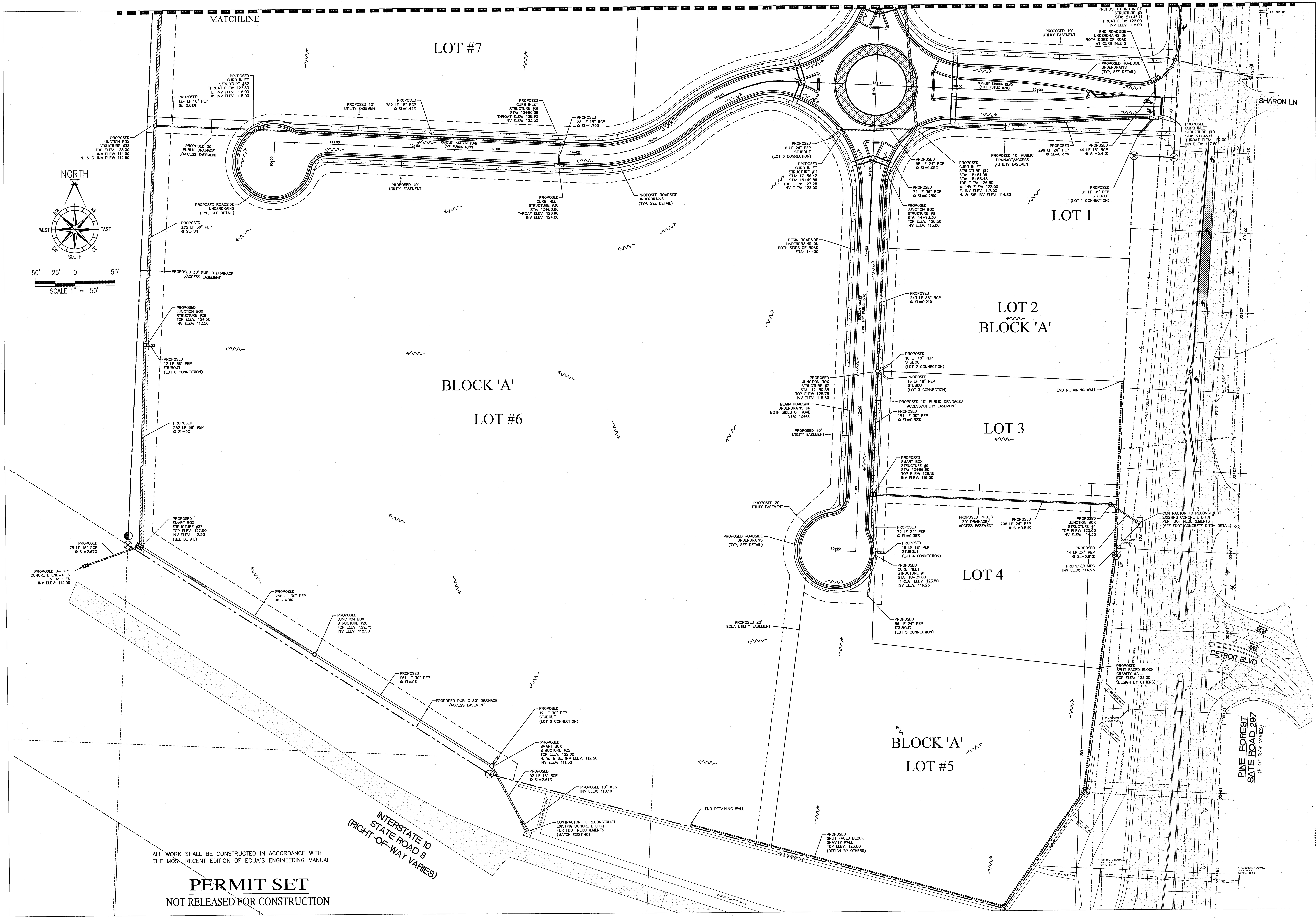
8-13-21

DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C6 OF C37



ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

DRAINAGE PLAN - SOUTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

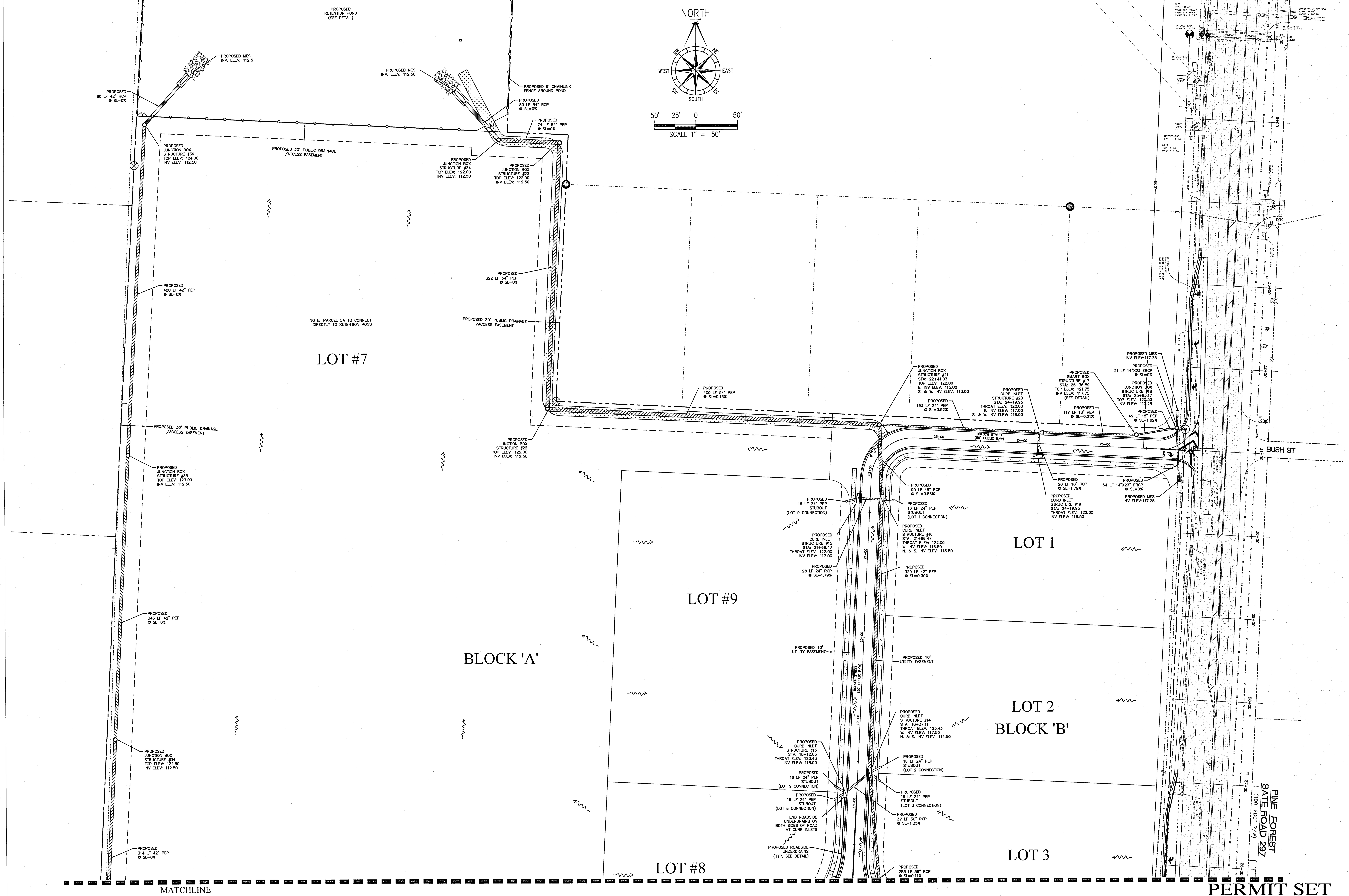
DAVID W. FITZPATRICK LICENSE No 47819 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C7 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

DRAINAGE PLAN - NORTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

8-13-21

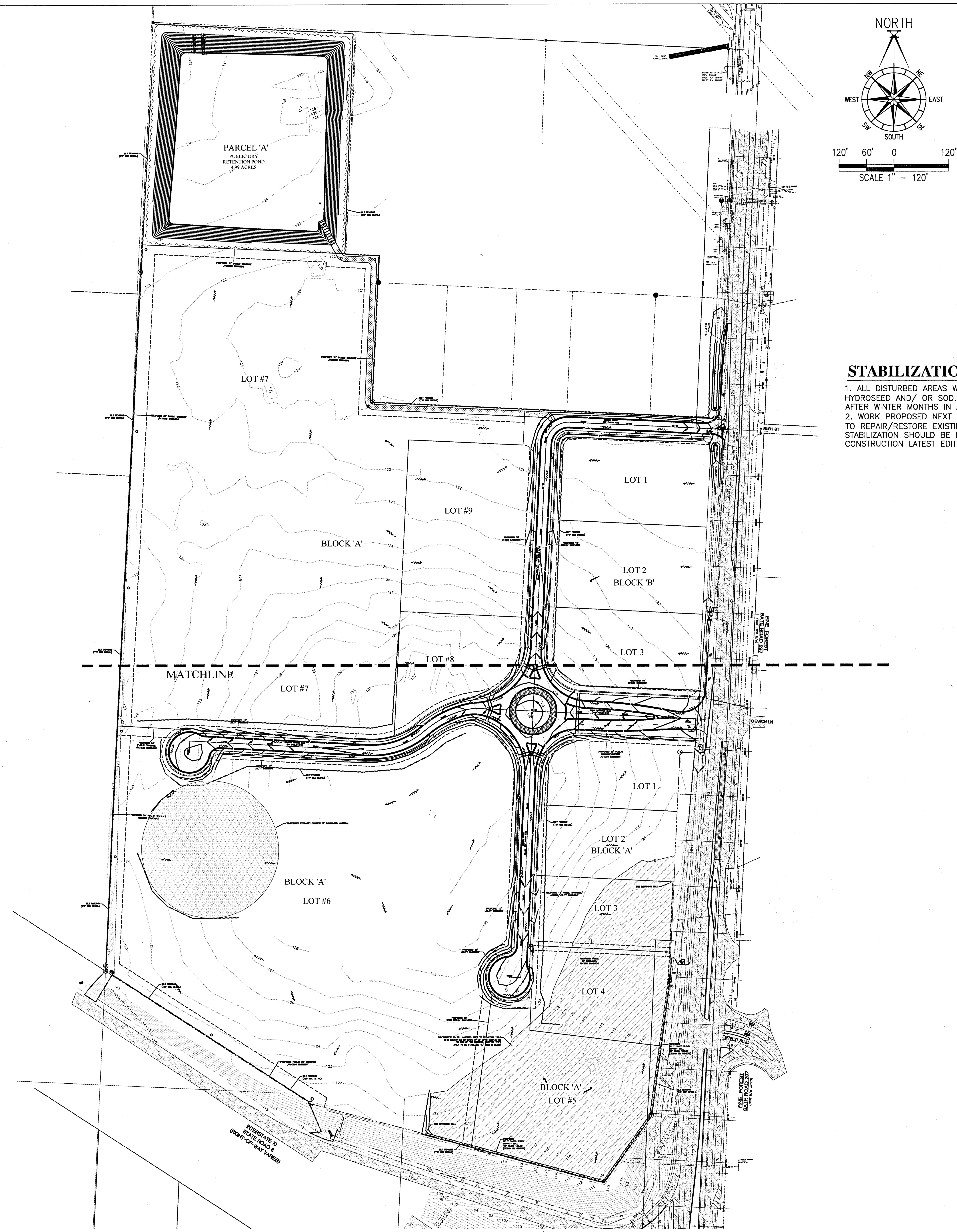
DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C8 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



STABILIZATION:

1. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/ OR SOD. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS IN ACCORDANCE WITH FDOT STANDARD INDEX 570-001
2. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

GRADING PLAN - OVERALL

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

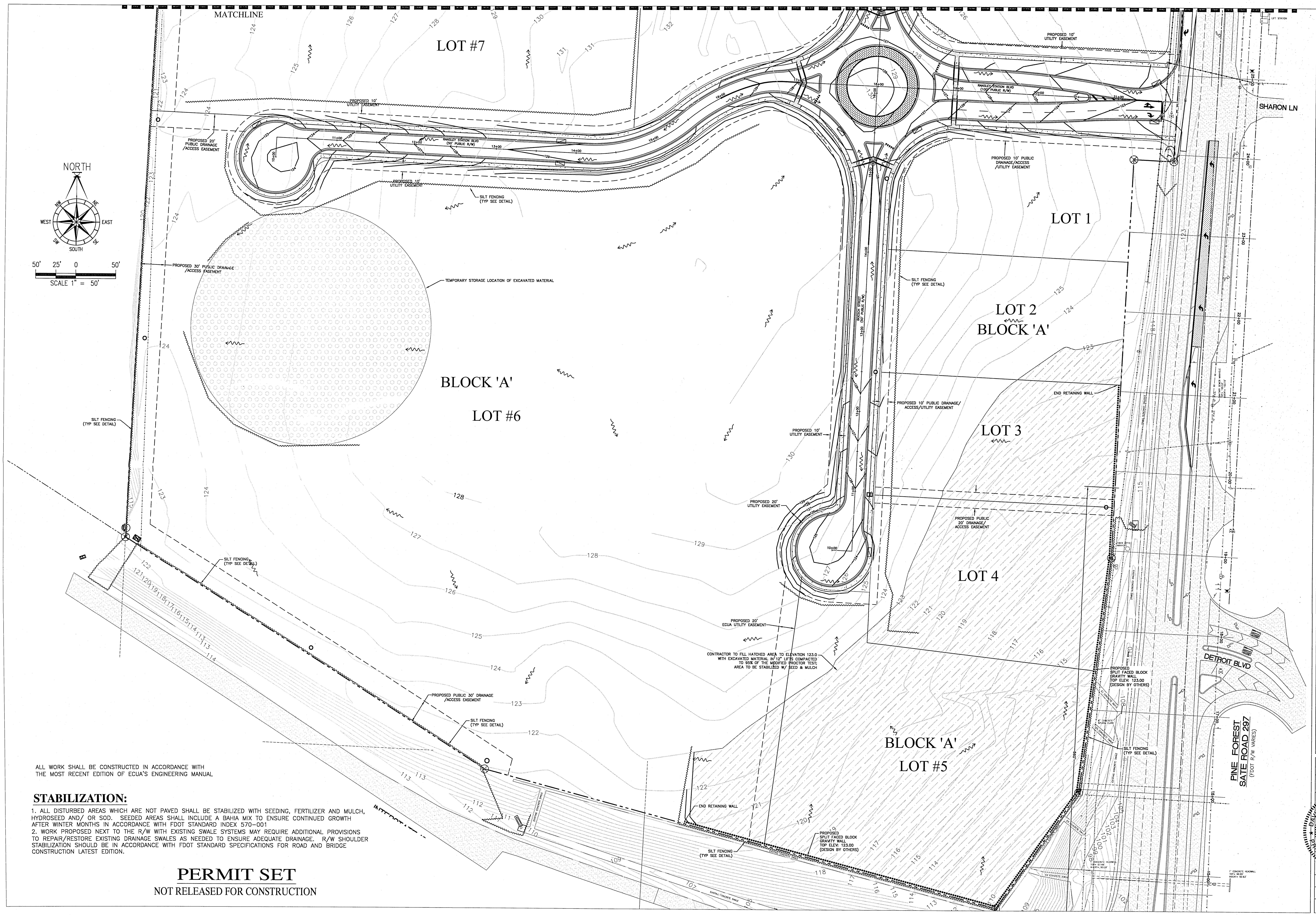
DESIGNED BY: D. FITZPATRICK

SEAL

DATE

PROJECT NUMBER 19-041

PLOT DATE 8/12/21



ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

STABILIZATION:

1. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/ OR SOD. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS IN ACCORDANCE WITH FDOT STANDARD INDEX 570-001
2. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

GRADING PLAN - SOUTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

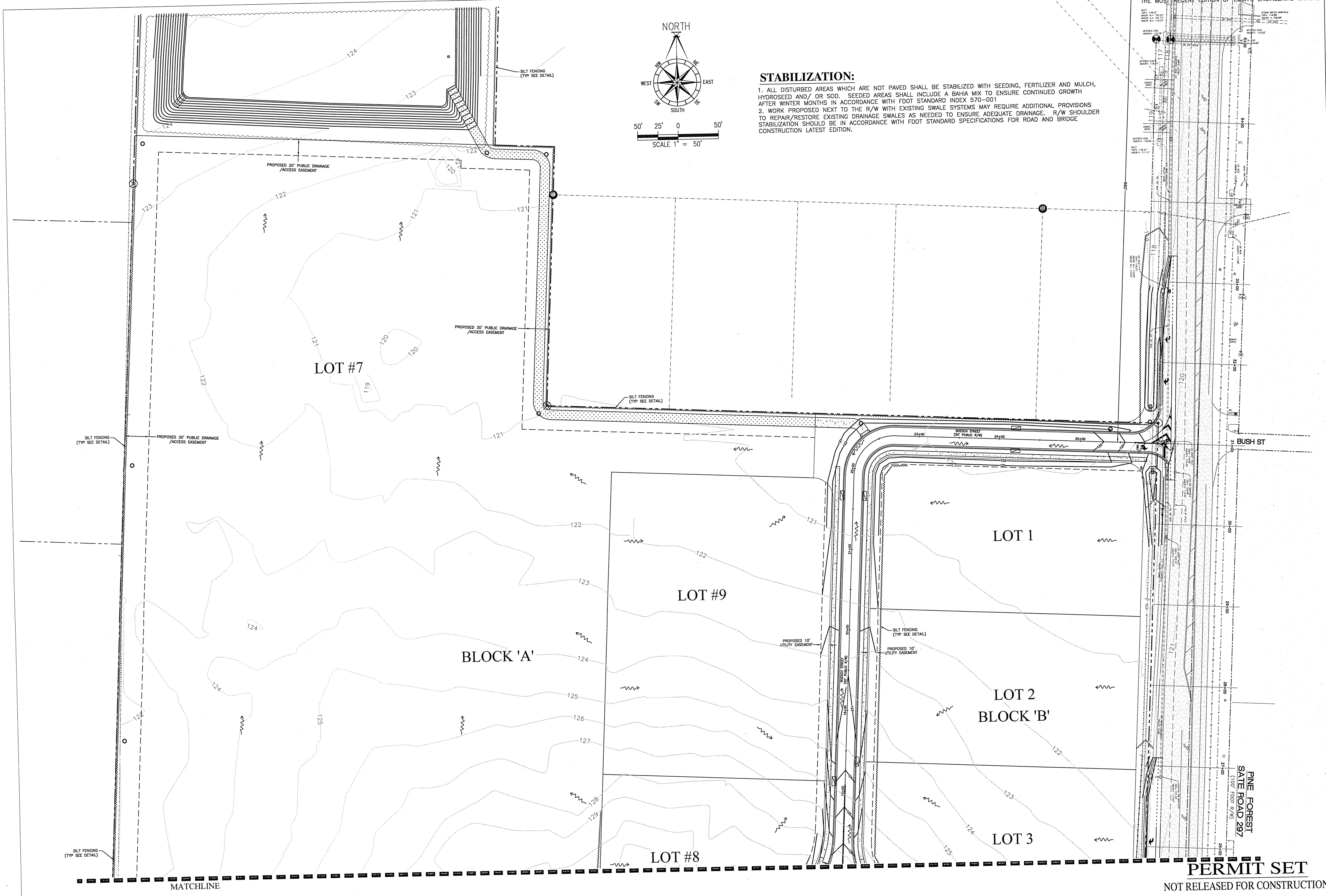
DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C10 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



STABILIZATION:

1. ALL DISTURBED AREAS WHICH ARE NOT PAVED SHALL BE STABILIZED WITH SEEDING, FERTILIZER AND MULCH, HYDROSEED AND/ OR SOD. SEEDED AREAS SHALL INCLUDE A BAHIA MIX TO ENSURE CONTINUED GROWTH AFTER WINTER MONTHS IN ACCORDANCE WITH FDOT STANDARD INDEX 570-001
2. WORK PROPOSED NEXT TO THE R/W WITH EXISTING SWALE SYSTEMS MAY REQUIRE ADDITIONAL PROVISIONS TO REPAIR/RESTORE EXISTING DRAINAGE SWALES AS NEEDED TO ENSURE ADEQUATE DRAINAGE. R/W SHOULDER STABILIZATION SHOULD BE IN ACCORDANCE WITH FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION LATEST EDITION.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

GRADING PLAN - NORTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

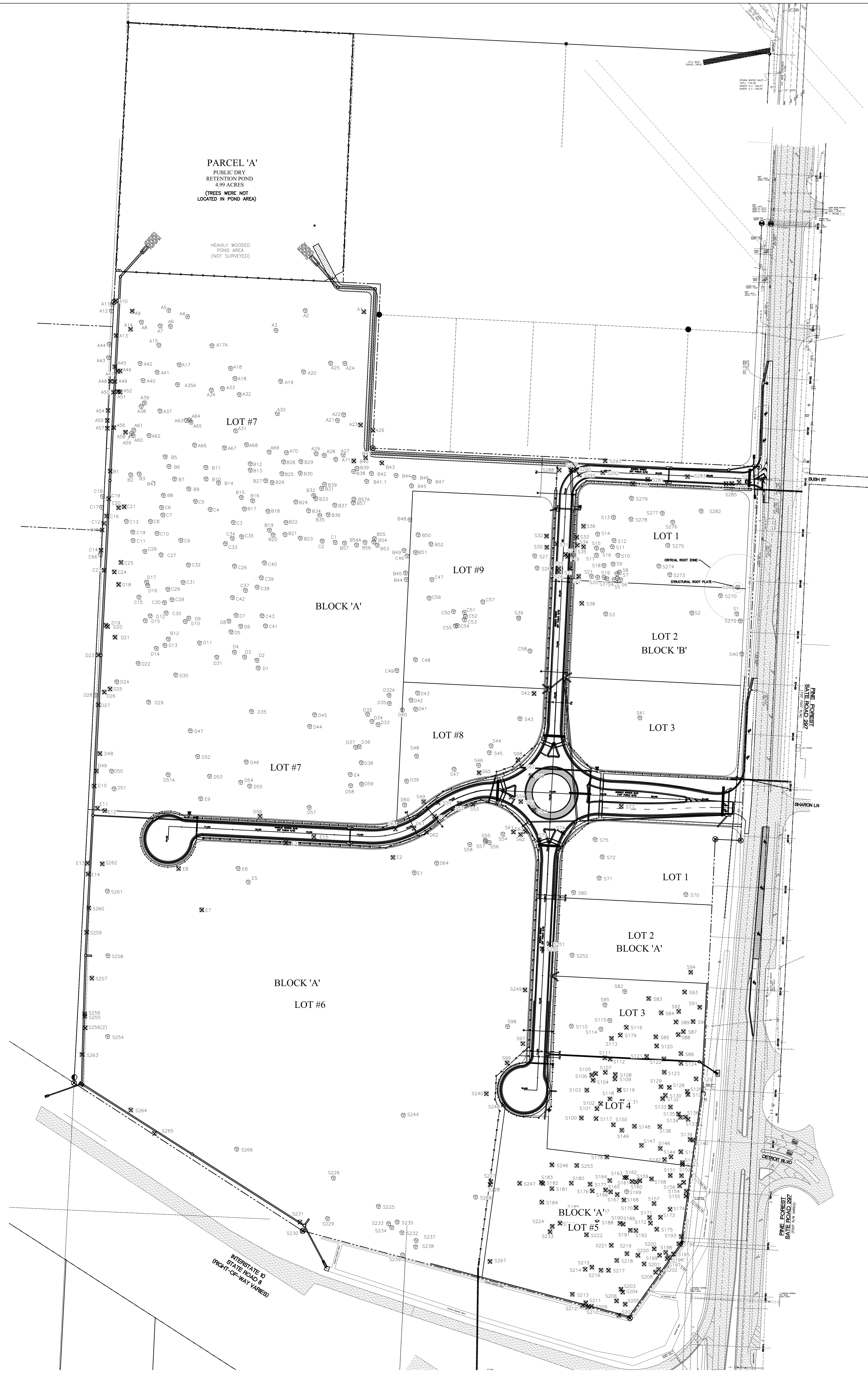
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

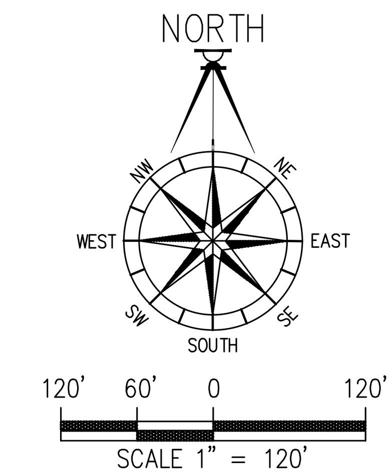
DATE:

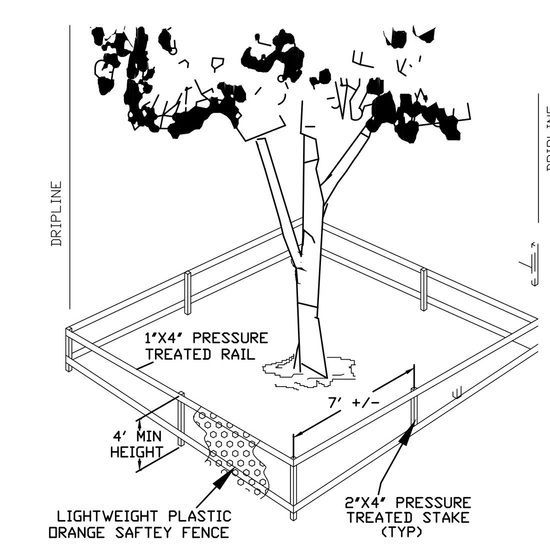
PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C11 OF C37







TREE BARRICADES SHOULD BE INSTALLED AROUND THE DRIPLINE OF THE PRESERVED TREES WHERE DISTURBANCE IS TO TAKE PLACE INSIDE THE DRIPLINE.

TREE BARRICADE

N.T.S.

LANDSCAPING LEGEND

S1 -EXISTING TREE TO REMAIN

S1 -EXISTING TREE TO BE REMOVED

TREE PROTECTION NOTES:

1. ROOT PRUNING SHALL BE PERFORMED ON ROOTS OF IMPACTED TREES REMAINING ON SITE. ROOTS MUST BE PRUNED OR CUT CLEANLY WITH APPROPRIATE EQUIPMENT. (NOT TORN AS WITH USING A BACK HOE).
2. TREE BARRIERS SHALL BE ERECTED PRIOR TO SITE DISTURBANCE AND ARE REMAIN UNTIL ALL SITE WORK HAS BEEN COMPLETED.
3. CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS MUST REMAIN OUT OF TREES ROOT PROTECTION ZONE AT ALL TIMES. NO GRADING OR CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ON SITE.
4. TO PROTECT TREES STABILIZING ROOTS, TRENCHING SHOULD BE NO CLOSER THAN 6 FEET FROM TRUNK OF THE TREE REMAINING ON SITE.

FORESTRY MULCHER NOTE:

CONTRACTOR TO ENSURE FORESTRY MULCHER STAYS A MINIMUM OF 4' FROM ALL PRESERVED, PROTECTED TREES 12" IN DIAMETER OR LARGER.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

TREE PLAN - OVERALL

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C12 OF C37

TREE #	SCIENTIFIC NAME	COMMON NAME	DBH 1	DBH 2	DBH 3	DBH 4	DBH 5	DBH 6	DBH SUM OF INCHES SQUARED	FINAL DBH CALCULATION	NOTES
A1	Quercus hemisphaerica	Darlington Oak	12.5						156.3	12.5	
A2	Quercus virginiana	Live Oak	12.1						146.4	12.1	
A3	Quercus hemisphaerica	Darlington Oak	17.3						299.3	17.3	
A4	Quercus hemisphaerica	Darlington Oak	14.0						196.0	14.0	
A5	Quercus hemisphaerica	Darlington Oak	12.1						146.4	12.1	
A6	Quercus hemisphaerica	Darlington Oak	12.7						161.3	12.7	
A7	Quercus hemisphaerica	Darlington Oak	14.9						222.0	14.9	
A8	Quercus hemisphaerica	Darlington Oak	14.6						213.2	14.6	
A8A	Quercus hemisphaerica	Darlington Oak	13.7						187.7	13.7	
A9	Quercus hemisphaerica	Darlington Oak	13.8						190.4	13.8	
A10	Quercus hemisphaerica	Darlington Oak	12.5						156.3	12.5	
A11B	Quercus hemisphaerica	Darlington Oak	16.5						272.3	16.5	
A12	Quercus nigra	Water Oak	14.8						219.0	14.8	
A13	Quercus hemisphaerica	Darlington Oak	12.2						148.8	12.2	
A14	Prunus serotina	Black Cherry	14.5						210.3	14.5	
A15	Quercus hemisphaerica	Darlington Oak	14.9						222.0	14.9	
A17	Quercus hemisphaerica	Darlington Oak	12.9						166.4	12.9	
A17A	Quercus hemisphaerica	Darlington Oak	12.9						166.4	12.9	
A18	Quercus hemisphaerica	Darlington Oak	12.1						146.4	12.1	
A19	Quercus virginiana	Live Oak	12.2						148.8	12.2	
A20	Quercus virginiana	Live Oak	13.9						193.2	13.9	
A21	Quercus virginiana	Live Oak	15.7						246.5	15.7	
A22	Quercus virginiana	Live Oak	14.4						207.4	14.4	
A23	Quercus virginiana	Live Oak	19.6						384.2	19.6	
A24	Quercus virginiana	Live Oak	12.7						161.3	12.7	
A25	Quercus virginiana	Live Oak	13.5						182.3	13.5	
A26	Quercus virginiana	Live Oak	14.9						222.0	14.9	
A27	Quercus virginiana	Live Oak	12.2						148.8	12.2	
A28	Quercus virginiana	Live Oak	15.7						246.5	15.7	
A29	Quercus virginiana	Live Oak	14.0						196.0	14.0	
A30	Quercus virginiana	Live Oak	13.7						187.7	13.7	
A31B	Quercus virginiana	Live Oak	14.4						207.4	14.4	
A32	Quercus hemisphaerica	Darlington Oak	12.0						144.0	12.0	
A33	Quercus hemisphaerica	Darlington Oak	14.9						222.0	14.9	
A34	Magnolia grandifolia	Southern Magnolia	15.9						252.8	15.9	
A35	Quercus hemisphaerica	Darlington Oak	13.4						179.6	13.4	
A35A	Quercus hemisphaerica	Darlington Oak	13.6						185.0	13.6	
A37	Quercus hemisphaerica	Darlington Oak	17.4						302.8	17.4	
A38	Quercus virginiana	Live Oak	12.7						161.3	12.7	
A39	Quercus hemisphaerica	Darlington Oak	19.0						361.0	19.0	
A40	Quercus virginiana	Live Oak	13.3						176.9	13.3	
A41	Quercus virginiana	Live Oak	12.3						151.3	12.3	
A42	Quercus hemisphaerica	Darlington Oak	19.0						361.0	19.0	
A42A	Quercus virginiana	Live Oak	12.5						156.3	12.5	
A43	Quercus virginiana	Live Oak	18.5						342.3	18.5	
A44	Quercus virginiana	Live Oak	17.5						306.3	17.5	
A46	Quercus falcata	Southern Red Oak	16.6						275.6	16.6	
A47	Quercus virginiana	Live Oak	12.6						158.8	12.6	
A48	Quercus virginiana	Live Oak	24.3						590.5	24.3	
A49	Quercus virginiana	Live Oak	13.3						176.9	13.3	
A50	Quercus virginiana	Live Oak	19.9						396.0	19.9	
A51	Quercus virginiana	Live Oak	12.6						158.8	12.6	
A52	Quercus falcata	Southern Red Oak	13.8						190.4	13.8	
A53	Quercus hemisphaerica	Darlington Oak	14.9						222.0	14.9	
A54	Quercus virginiana	Live Oak	15.9						252.8	15.9	
A55	Quercus virginiana	Live Oak	19.0						361.0	19.0	
A56	Quercus virginiana	Live Oak	26.7						712.9	26.7	
A57	Quercus virginiana	Live Oak	18.7						349.7	18.7	
A58	Quercus hemisphaerica	Darlington Oak	12.7						161.3	12.7	
A59	Quercus virginiana	Live Oak	16.0						256.0	16.0	
A60	Quercus hemisphaerica	Darlington Oak	17.2						295.8	17.2	
A61	Quercus virginiana	Live Oak	19.7						388.1	19.7	
A62	Quercus virginiana	Live Oak	22.1						488.4	22.1	
A63	Quercus virginiana	Live Oak	16.8						282.2	16.8	
A64	Quercus virginiana	Live Oak	32.1						1030.4	32.1	
A65	Quercus hemisphaerica	Darlington Oak	13.6						185.0	13.6	
A66	Quercus hemisphaerica	Darlington Oak	16.5						272.3	16.5	
A67	Quercus virginiana	Live Oak	25.5						650.3	25.5	
A68	Quercus hemisphaerica	Darlington Oak	21.0						441.0	21.0	
A69	Quercus virginiana	Live Oak	15.0						225.0	15.0	
A70	Quercus virginiana	Live Oak	12.9						166.4	12.9	
A71	Quercus hemisphaerica	Darlington Oak	15.1						228.0	15.1	
B1	Quercus virginiana	Live Oak	17.1						292.4	17.1	
B2	Quercus virginiana	Live Oak	50.3						2530.1	50.3	
B3	Quercus virginiana	Live Oak	20.8						432.6	20.8	
B4	Quercus virginiana	Live Oak	19.7						388.1	19.7	
B5	Quercus virginiana	Live Oak	18.8						353.4	18.8	
B6	Quercus falcata	Southern Red Oak	14.0						196.0	14.0	30% damaged
B7	Quercus virginiana	Live Oak	20.3						412.1	20.3	
B8	Quercus virginiana	Live Oak	15.7						246.5	15.7	
B9	Quercus virginiana	Live Oak	36.7						1346.9	36.7	
B10	Quercus virginiana	Live Oak	12.4						153.8	12.4	
B11	Quercus virginiana	Live Oak	18.6						346.0	18.6	
B12	Quercus virginiana	Live Oak	17.2						295.8	17.2	
B13	Quercus virginiana	Live Oak	31.3						979.7	31.3	
B14	Quercus virginiana	Live Oak	17.3						299.3	17.3	
B15	Quercus virginiana	Live Oak	19.1						364.8	19.1	
B16	Quercus virginiana	Live Oak	22.5						506.3	22.5	
B17	Quercus virginiana	Live Oak	22.6						510.8	22.6	
B18	Quercus virginiana	Live Oak	18.0						324.0	18.0	
B19	Quercus hemisphaerica	Darlington Oak	22.0						484.0	22.0	
B20	Quercus virginiana	Live Oak	14.9						222.0	14.9	
B21	Quercus virginiana	Live Oak	12.4						153.8	12.4	
B22	Quercus virginiana	Live Oak	16.5						272.3	16.5	
B23	Quercus virginiana	Live Oak	16.1						259.2	16.1	
B24	Quercus virginiana	Live Oak	14.2						201.6	14.2	
B25	Quercus virginiana	Live Oak	18.5						342.3	18.5	
B26	Quercus virginiana	Live Oak	26.4						697.0	26.4	
B27	Quercus virginiana	Live Oak	22.3						497.3	22.3	
B28	Quercus virginiana	Live Oak	12.2						148.8	12.2	
B29	Quercus virginiana	Live Oak	14.9						222.0	14.9	
B30	Quercus virginiana	Live Oak	14.1						198.8	14.1	
B31	Quercus virginiana	Live Oak	12.6						158.8	12.6	
B32	Quercus virginiana	Live Oak	13.5	13.0					351.3	18.7	
B33	Quercus virginiana	Live Oak	13.2						174.2	13.2	
B34	Quercus virginiana	Live Oak	12.2						148.8	12.2	
B35	Quercus virginiana	Live Oak	14.9						222.0	14.9	
B36	Quercus virginiana	Live Oak	14.9						222.0	14.9	
B37	Quercus virginiana	Live Oak	15.1						228.0	15.1	
B38	Quercus virginiana	Live Oak	13.6						185.0	13.6	
B39	Quercus virginiana	Live Oak	16.7						278.9	16.7	
B40	Quercus virginiana	Live Oak	14.8						219.0	14.8	
B41	Quercus virginiana	Live Oak	13.0						169.0	13.0	
B41.1	Quercus virginiana	Live Oak	16.1						259.2	16.1	
B42	Quercus virginiana	Live Oak	15.5						240.3	15.5	
B43	Quercus virginiana	Live Oak	16.4						269.0	16.4	
B44	Quercus virginiana	Live Oak	20.6						424.4	20.6	
B45	Quercus virginiana	Live Oak	21.0						441.0	21.0	
B46	Quercus virginiana	Live Oak	22.0						484.0	22.0	
B47	Quercus virginiana	Live Oak	12.9						166.4	12.9	
B48	Quercus virginiana	Live Oak	12.4						153.8	12.4	
B49	Quercus virginiana	Live Oak	19.1						364.8	19.1	
B50	Quercus virginiana	Live Oak	15.7						246.5	15.7	
B52	Carya aquatica	Water Hickory	17.0						289.0	17.0	
B53	Quercus virginiana	Live Oak	11.7	10.2					240.9	15.5	
B54	Quercus virginiana	Live Oak	13.2						174.2	13.2	
B54a	Quercus virginiana	Live Oak	13.4						179.6	13.4	
B55	Quercus virginiana	Live Oak	13.9						193.2	13.9	
B56	Quercus virginiana	Live Oak	7.8	14.8	15.2				510.9	22.6	
B57	Quercus virginiana	Live Oak	15.9						252.8	15.9	
B57A	Quercus virginiana	Live Oak	38.3						1466.9	38.3	
C1	Quercus virginiana	Live Oak	18.9						357.2	18.9	
C2	Quercus virginiana	Live Oak	19.4						376.4	19.4	
C3	Quercus virginiana	Live Oak	32.2						1036.8	32.2	
C4	Quercus virginiana	Live Oak	36.3						1317.7	36.3	
C5	Quercus virginiana	Live Oak	17.2						295.8	17.2	
C6	Quercus virginiana	Live Oak	20.0						400.0	20.0	
C7	Quercus virginiana	Live Oak	32.3						1043.3	32.3	
C8	Quercus virginiana	Live Oak	21.5						462.3	21.5	
C9	Quercus virginiana	Live Oak	31.7						1004.9	31.7	
C10	Quercus virginiana	Live Oak	23.4						547.6	23.4	
C11	Quercus virginiana	Live Oak	15.1						228.0	15.1	
C12	Quercus virginiana	Live Oak	17.4						302.8	17.4	
C13	Quercus virginiana	Live Oak	26.0						676.0	26.0	
C14	Quercus virginiana	Live Oak	13.1						171.6	13.1	
C15	Quercus virginiana	Live Oak	25.7						660.5	25.7	
C16	Quercus virginiana	Live Oak	24.0						576.0	24.0	

TREE #	SCIENTIFIC NAME	COMMON NAME	DBH 1	DBH 2	DBH 3	DBH 4	DBH 5	DBH 6	DBH SUM OF INCHES SQUARED	FINAL DBH CALCULATION	NOTES
C17	Quercus virginiana	Live Oak	17.6						309.8	17.6	
C18	Quercus virginiana	Live Oak	21.8						475.2	21.8	
C19	Quercus virginiana	Live Oak	29.7						882.1	29.7	
C20	Quercus virginiana	Live Oak	16.3						265.7	16.3	
C21	Quercus virginiana	Live Oak	20.5						420.3	20.5	
C22	Quercus virginiana	Live Oak	22.0						484.0	22.0	
C23	Quercus nigra	Water Oak	22.6						510.8	22.6	
C24	Quercus virginiana	Live Oak	11.4	22.0					614.0	24.8	
C25	Quercus virginiana	Live Oak	14.5						210.3	14.5	
C26	Quercus virginiana	Live Oak	19.5						380.3	19.5	
C27	Quercus virginiana	Live Oak	26.3						691.7	26.3	
C28	Quercus virginiana	Live Oak	15.4						237.2	15.4	
C29	Quercus virginiana	Live Oak	12.6						158.8	12.6	
C30	Quercus falcata	Southern Red Oak	20.5						420.3	20.5	
C31	Quercus virginiana	Live Oak	30.3						918.1	30.3	
C32	Quercus virginiana	Live Oak	30.2						912.0	30.2	
C33	Quercus virginiana	Live Oak	20.6	21.5					886.6	29.8	
C34	Quercus virginiana	Live Oak	13.0						169.0	13.0	
C35	Quercus virginiana	Live Oak	12.0						144.0	12.0	
C36	Quercus virginiana	Live Oak	30.4						924.2	30.4	
C37	Quercus virginiana	Live Oak	20.0						400.0	20.0	
C38	Quercus virginiana	Live Oak	12.1						146.4	12.1	
C39	Quercus hemisphaerica	Darlington Oak	18.2						331.2	18.2	
C40	Quercus virginiana	Live Oak	15.2						231.0	15.2	
C41	Quercus virginiana	Live Oak	33.7						1135.7	33.7	
C42	Quercus virginiana	Live Oak	20.5						420.3	20.5	
C43	Quercus virginiana	Live Oak	17.4						302.8	17.4	
C44	Quercus virginiana	Live Oak	19.4						376.4	19.4	
C45	Quercus virginiana	Live Oak	26.8						718.2	26.8	
C46	Quercus virginiana	Live Oak	17.9						320.4	17.9	
C47	Quercus virginiana	Live Oak	21.1	8.0	22.4				1011.0	31.8	
C48	Acer rubra	Red Maple	6.6	14.0					239.6	15.5	
C49	Quercus virginiana	Live Oak	14.8						219.0	14.8	
C50	Quercus virginiana	Live Oak	18.3						334.9	18.3	
C51	Quercus virginiana	Live Oak	22.0						484.0	22.0	
C52	Quercus virginiana	Live Oak	17.4						302.8	17.4	
C53	Quercus virginiana	Live Oak	20.6						424.4	20.6	
C54	Quercus virginiana	Live Oak	28.7						823.7	28.7	
C55	Quercus virginiana	Live Oak	16.7						278.9	16.7	
C56	Quercus virginiana	Live Oak	23.8						566.4	23.8	
C57	Quercus virginiana	Live Oak	23.4						547.6	23.4	
C58	Juniperus virginiana	Eastern Red Cedar	15.7						246.5	15.7	
D1	Quercus virginiana	Live Oak	22.5						506.3	22.5	
D2	Quercus falcata	Southern Red Oak	14.3						204.5	14.3	
D3	Quercus virginiana	Live Oak	19.2						368.6	19.2	
D4	Quercus virginiana	Live Oak	19.5						380.3	19.5	
D5	Quercus virginiana	Live Oak	31.2						973.4	31.2	
D6	Quercus virginiana	Live Oak	20.0	24.6					1005.2	31.7	
D7	Quercus nigra	Water Oak	32.8						1075.8	32.8	
D8	Quercus nigra	Water Oak	12.9						166.4	12.9	
D9	Quercus virginiana	Live Oak	13.3						176.9	13.3	
D10	Quercus virginiana	Live Oak	13.4						179.6	13.4	
D11	Quercus virginiana	Live Oak	18.4						338.6	18.4	
D12	Quercus nigra	Water Oak	29.3						858.5	29.3	
D13	Quercus virginiana	Live Oak	21.6						466.6	21.6	
D14	Quercus nigra	Water Oak	14.6						213.2	14.6	
D15	Quercus virginiana	Live Oak	12.9						166.4	12.9	
D16	Quercus virginiana	Live Oak	19.7						388.1	19.7	
D17	Quercus virginiana	Live Oak	12.0						144.0	12.0	
D18	Quercus nigra	Water Oak	12.6						158.8	12.6	
D19	Quercus virginiana	Live Oak	19.7						388.1	19.7	
D20	Quercus nigra	Water Oak	17.9						320.4	17.9	
D21	Quercus virginiana	Live Oak	12.7						161.3	12.7	
D22	Quercus virginiana	Live Oak	14.7						216.1	14.7	
D23	Quercus nigra	Water Oak	17.5						306.3	17.5	
D24	Quercus nigra	Water Oak	22.3						497.3	22.3	
D25	Quercus nigra	Water Oak	13.5						182.3	13.5	
D26	Quercus nigra	Water Oak	13.2						174.2	13.2	
D26A	Quercus virginiana	Live Oak	16.9						285.6	16.9	
D28	Quercus virginiana	Live Oak	23.3						542.9	23.3	
D29	Quercus virginiana	Live Oak	15.2						231.0	15.2	
D30	Quercus virginiana	Live Oak	32.4						1049.8	32.4	
D31	Quercus virginiana	Live Oak	28.6						818.0	28.6	
D32	Quercus virginiana	Live Oak	14.0						196.0	14.0	
D32A	Quercus virginiana	Live Oak	25.9						670.8	25.9	
D33	Quercus virginiana	Live Oak	22.7						515.3	22.7	
D34	Quercus virginiana	Live Oak	27.0						729.0	27.0	
D35	Quercus virginiana	Live Oak	22.5						506.3	22.5	
D36	Magnolia grandifolia	Southern Magnolia	19.2						368.6	19.2	
D37	Quercus virginiana	Live Oak	12.7						161.3	12.7	
D38	Quercus virginiana	Live Oak	12.8						163.8	12.8	
D39	Quercus virginiana	Live Oak	21.1						445.2	21.1	
D40	Quercus virginiana	Live Oak	29.6						876.2	29.6	
D41	Quercus virginiana	Live Oak	26.5						702.3	26.5	
D42	Quercus virginiana	Live Oak	31.4						986.0	31.4	
D43	Quercus virginiana	Live Oak	25.4						645.2	25.4	
D44	Quercus virginiana	Live Oak	12.8						163.8	12.8	
D45	Quercus virginiana	Live Oak	12.8						163.8	12.8	
D46	Quercus virginiana	Live Oak	21.4						458.0	21.4	
D47	Quercus virginiana	Live Oak	18.9						357.2	18.9	
D48	Quercus virginiana	Live Oak	12.4						153.8	12.4	
D49	Quercus virginiana	Live Oak	15.5						240.3	15.5	
D50	Quercus nigra	Water Oak	15.0						225.0	15.0	
D51	Quercus nigra	Water Oak	12.8						163.8	12.8	
D51A	Quercus nigra	Water Oak	17.2						295.8	17.2	
D52	Quercus nigra	Water Oak	20.2						408.0	20.2	
D53	Magnolia grandifolia	Southern Magnolia	12.8						163.8	12.8	
D54	Quercus nigra	Water Oak	20.6						424.4	20.6	
D55	Quercus nigra	Water Oak	19.9						396.0	19.9	
D56	Quercus virginiana	Live Oak	16.3						265.7	16.3	
D57	Quercus nigra	Water Oak	18.0						324.0	18.0	
D58	Quercus virginiana	Live Oak	13.1						171.6	13.1	
D59	Quercus virginiana	Live Oak	21.8						475.2	21.8	
D60	Quercus virginiana	Live Oak	23.8						566.4	23.8	
D61	Quercus virginiana	Live Oak	18.3						334.9	18.3	
D62	Quercus virginiana	Live Oak	22.2						492.8	22.2	
D63	Quercus virginiana	Live Oak	34.4						1183.4	34.4	
D64	Quercus virginiana	Live Oak	37.0						1369.0	37.0	
E1	Quercus virginiana	Live Oak	20.6						424.4	20.6	
E2	Quercus virginiana	Live Oak	16.5						272.3	16.5	
E3	Quercus nigra	Water Oak	17.5						306.3	17.5	
E4	Quercus virginiana	Live Oak	22.4						501.8	22.4	
E5	Magnolia grandifolia	Southern Magnolia	18.5						342.3	18.5	
E6	Quercus nigra	Water Oak	18.6						346.0	18.6	
E7	Magnolia grandifolia	Southern Magnolia	12.0						144.0	12.0	
E8	Quercus nigra	Water Oak	13.3						176.9	13.3	
E9	Quercus nigra	Water Oak	13.1						171.6	13.1	
E10	Quercus virginiana	Live Oak	16.9						285.6	16.9	
E11	Quercus virginiana	Live Oak	14.2						201.6	14.2	
E12	Quercus nigra	Water Oak	13.7						187.7	13.7	
E13	Quercus virginiana	Live Oak	17.9						320.4	17.9	
E14	Quercus virginiana	Live Oak	20.3						412.1	20.3	
E15	Quercus virginiana	Live Oak	17.6						309.8	17.6	

TREE #	SCIENTIFIC NAME	COMMON NAME	DBH 1	DBH 2	DBH 3	DBH 4	DBH 5	DBH 6	DBH SUM OF INCHES SQUARED	FINAL DBH CALCULATION	NOTES
S1	Quercus virginiana	Live Oak	73.3						5372.89	73.30	
S2	Quercus virginiana	Live Oak	44.7						1998.09	44.70	
S3	Quercus hemisphaerica	Darlington Oak	15						225	15.00	
S4	Quercus virginiana	Live Oak	23.2						538.24	23.20	
S5	Quercus virginiana	Live Oak	24						576	24.00	
S6	Quercus hemisphaerica	Darlington Oak	16.6						275.56	16.60	
S7	Quercus virginiana	Live Oak	12.8						163.84	12.80	
S8	Quercus virginiana	Live Oak	24.8						615.04	24.80	
S9	Quercus virginiana	Live Oak	13.2						174.24	13.20	
S10	Quercus virginiana	Live Oak	41						1681	41.00	
S11	Quercus virginiana	Live Oak	16.8						282.24	16.80	
S12	Quercus virginiana	Live Oak	15						225	15.00	
S13	Quercus virginiana	Live Oak	33.7						1135.69	33.70	
S14	Quercus virginiana	Live Oak	29.9						894.01	29.90	
S15	Quercus virginiana	Live Oak	14.3	15.1					432.5	20.80	Multi
S16	Quercus virginiana	Live Oak	17.4						302.76	17.40	
S17	Quercus virginiana	Live Oak	14.6	11.8					352.4	18.77	Multi
S18	Quercus viginiana	Live Oak	19.3						372.49	19.30	
S19	Quercus virginiana	Live Oak	13.3						176.89	13.30	
S20	Quercus virginiana	Live Oak	32.2						1036.84	32.20	
S21	Quercus virginiana	Live Oak	32						1024	32.00	
S22	Quercus hemisphaerica	Darlington Oak	23.1						533.61	23.10	Diseased
S23	Quercus virginiana	Live Oak	9.7	9.8					190.13	13.79	Multi
S24	Quercus virginiana	Live Oak	29.2						852.64	29.20	
S25	Quercus virginiana	Live Oak	12.4						153.76	12.40	
S26	Quercus virginiana	Live Oak	24.3						590.49	24.30	
S27	Quercus virginiana	Live Oak	32.4						1049.76	32.40	
S28	Quercus virginiana	Live Oak	23.6						556.96	23.60	
S29	Quercus virginiana	Live Oak	6.5	14.6	14.3	15.5	5.2		727.19	26.97	Multi
S30	Quercus hemisphaerica	Darlington Oak	14						196	14.00	
S31	Quercus virginiana	Live Oak	12.5						156.25	12.50	
S32	Quercus hemisphaerica	Darlington Oak	12.1						146.41	12.10	
S33	Quercus virginiana	Live Oak	24.2						585.64	24.20	
S34	Quercus virginiana	Live Oak	10	9					181	13.45	Multi
S35	Quercus virginiana	Live Oak	13.8						190.44	13.80	
S36	Quercus virginiana	Live Oak	12.3						151.29	12.30	
S37	Quercus virginiana	Live Oak	18.6						345.96	18.60	
S38	Quercus hemisphaerica	Darlington Oak	17						289	17.00	
S39	Quercus virginiana	Live Oak	24.8						615.04	24.80	
S40	Quercus virginiana	Live Oak	43.5						1892.25	43.50	
S41	Quercus virginiana	Live Oak	38.5						1482.25	38.50	
S42	Quercus virginiana	Live Oak	18						324	18.00	
S43	Quercus virginiana	Live Oak	29.2						852.64	29.20	
S44	Quercus virginiana	Live Oak	13.8						190.44	13.80	
S45	Quercus virginiana	Live Oak	19						361	19.00	
S46	Quercus virginiana	Live Oak	54.8						3003.04	54.80	Diseased 30%
S47	Quercus virginiana	Live Oak	35						1225	35.00	
S48	Quercus virginiana	Live Oak	31.6						998.56	31.60	
S49	Quercus virginiana	Live Oak	21.9						479.61	21.90	
S50	Quercus virginiana	Live Oak	41.4						1713.96	41.40	
S51	Quercus virginiana	Live Oak	44.2						1953.64	44.20	
S52	Quercus virginiana	Live Oak	25.9						670.81	25.90	
S53	Quercus virginiana	Live Oak	13.3						176.89	13.30	
S54	Quercus virginiana	Live Oak	28.6						817.96	28.60	
S55	Quercus virginiana	Live Oak	17.3						299.29	17.30	
S56	Quercus virginiana	Live Oak	19.5						380.25	19.50	
S57	Quercus virginiana	Live Oak	17.4						302.76	17.40	
S58	Quercus virginiana	Live Oak	27.4						750.76	27.40	
S59	Quercus virginiana	Live Oak	22.3						497.29	22.30	
S60	Quercus virginiana	Live Oak	14.5						210.25	14.50	
S61	Quercus virginiana	Live Oak	24.7						610.09	24.70	
S62	Quercus virginiana	Live Oak	29						841	29.00	
S63	Quercus virginiana	Live Oak	14.3						204.49	14.30	
S64	Quercus virginiana	Live Oak	23.2						538.24	23.20	
S65	Quercus virginiana	Live Oak	15.7						246.49	15.70	
S66	Quercus virginiana	Live Oak	33.7						1135.69	33.70	
S67	Quercus virginiana	Live Oak	18.7						349.69	18.70	
S68	Quercus virginiana	Live Oak	21.5						462.25	21.50	
S70	Quercus virginiana	Live Oak	26.6						707.56	26.60	
S71	Quercus virginiana	Live Oak	19.5						380.25	19.50	Diseased 30%
S74	Quercus virginiana	Live Oak	20.9						436.81	20.90	
S75	Quercus virginiana	Live Oak	6.5	6.7	7.1	4.9			161.56	12.71	
S77	Quercus virginiana	Live Oak	12.8						163.84	12.80	
S79	Quercus virginiana	Live Oak	19.1	4.6					385.97	19.65	
S83	Quercus virginiana	Live Oak	23.3						542.89	23.30	
S84	Quercus virginiana	Live Oak	29.6						876.16	29.60	
S85	Quercus hemisphaerica	Darlington Oak	23.1						533.61	23.10	
S86	Quercus virginiana	Live Oak	23.5						552.25	23.50	
S87	Quercus virginiana	Live Oak	26.9						723.61	26.90	
S88	Quercus virginiana	Live Oak	13						169	13.00	
S89	Quercus virginiana	Live Oak	17						289	17.00	
S90	Quercus virginiana	Live Oak	20.7						428.49	20.70	
S91	Quercus virginiana	Live Oak	20.7						428.49	20.70	
S92	Quercus virginiana	Live Oak	24.4						595.36	24.40	
S93	Quercus virginiana	Live Oak	33.4						1115.56	33.40	
S94	Quercus virginiana	Live Oak	17.1						292.41	17.10	
S95	Quercus virginiana	Live Oak	12.6						158.76	12.60	
S97	Quercus virginiana	Live Oak	24						576	24.00	
S98	Quercus virginiana	Live Oak	20.7						428.49	20.70	
S99	Quercus virginiana	Live Oak	37.9						1436.41	37.90	Diseased 50%
S100	Quercus virginiana	Live Oak	29						841	29.00	
S101	Quercus virginiana	Live Oak	39.6						1568.16	39.60	
S102	Quercus hemisphaerica	Darlington Oak	16.1						259.21	16.10	
S103	Quercus hemisphaerica	Darlington Oak	21.8						475.24	21.80	
S104	Quercus hemisphaerica	Darlington Oak	19.1						364.81	19.10	
S105	Quercus virginiana	Live Oak	23.5						552.25	23.50	Diseased 30%
S106	Quercus virginiana	Live Oak	18.1						327.61	18.10	
S107	Quercus rubra	Red Oak	12.1						146.41	12.10	
S108	Quercus hemisphaerica	Darlington Oak	21.3						453.69	21.30	
S109	Quercus hemisphaerica	Darlington Oak	18.5						342.25	18.50	
S110	Quercus hemisphaerica	Darlington Oak	15.9						252.81	15.90	
S111	Quercus hemisphaerica	Darlington Oak	15.2						231.04	15.20	
S112	Quercus hemisphaerica	Darlington Oak	22.3						497.29	22.30	
S113	Quercus hemisphaerica	Darlington Oak	13.2						174.24	13.20	
S114	Quercus nigra	Water Oak	5.6	6.3	7	8.3			188.94	13.75	
S115	Quercus hemisphaerica	Darlington Oak	12.8						163.84	12.80	
S116	Quercus virginiana	Live Oak	21.9						479.61	21.90	
S117	Quercus hemisphaerica	Darlington Oak	18.4						338.56	18.40	
S118	Quercus hemisphaerica	Darlington Oak	18.5						342.25	18.50	
S119	Quercus hemisphaerica	Darlington Oak	19.1						364.81	19.10	
S120	Quercus virginiana	Live Oak	15.2						231.04	15.20	
S121	Quercus virginiana	Live Oak	13.1						171.61	13.10	
S122	Quercus hemisphaerica	Darlington Oak	19.6						384.16	19.60	
S123	Quercus hemisphaerica	Darlington Oak	15.1						228.01	15.10	
S124	Quercus hemisphaerica	Darlington Oak	13.5						182.25	13.50	
S125	Quercus virginiana	Live Oak	26.4						696.96	26.40	
S126	Quercus virginiana	Live Oak	24.9						620.01	24.90	
S127	Quercus virginiana	Live Oak	17.7						313.29	17.70	
S128	Quercus hemisphaerica	Darlington Oak	16.2						262.44	16.20	
S129	Quercus virginiana	Live Oak	23.5						552.25	23.50	
S130	Quercus hemisphaerica	Darlington Oak	12.2						148.84	12.20	
S131	Quercus hemisphaerica	Darlington Oak	16.4						268.96	16.40	
S132	Quercus hemisphaerica	Darlington Oak	17.6						309.76	17.60	
S133	Quercus virginiana	Live Oak	15.9						252.81	15.90	
S134	Quercus hemisphaerica	Darlington Oak	13.2						174.24	13.20	
S135	Quercus virginiana	Live Oak	18.1						327.61	18.10	
S136	Quercus virginiana	Live Oak	16.3						265.69	16.30	
S137	Quercus virginiana	Live Oak	13						169	13.00	
S138	Quercus hemisphaerica	Darlington Oak	17.2						295.84	17.20	
S139	Quercus virginiana	Live Oak	16.7						278.89	16.70	
S140	Quercus virginiana	Live Oak	18.8						353.44	18.80	Topped / Coppicing
S141	Quercus virginiana	Live Oak	18.1						327.61	18.10	
S142	Quercus hemisphaerica	Darlington Oak	12.2						148.84	12.20	
S143	Quercus hemisphaerica	Darlington Oak	15.2	17.5					537.29	23.18	
S144	Quercus virginiana	Live Oak	17						289	17.00	
S145	Quercus hemisphaerica	Darlington Oak	18.2						331.24	18.20	
S146	Quercus hemisphaerica	Darlington Oak	17.2						295.84	17.20	
S147	Quercus hemisphaerica	Darlington Oak	14.1						198.81	14.10	
S148	Quercus hemisphaerica	Darlington Oak	19.1						364.81	19.10	
S149	Quercus hemisphaerica	Darlington Oak	20.7						428.49	20.70	
S150	Quercus hemisphaerica	Darlington Oak	13.7						187.69	13.70	
S151	Quercus hemisphaerica	Darlington Oak	20.2						408.04	20.20	
S152	Quercus virginiana	Live Oak	12.8	7					212.84	14.59	
S153	Quercus virginiana	Live Oak	15.7						246.49	15.70	Topped / Coppicing
S154	Quercus virginiana	Live Oak	14.3						204.49	14.30	
S155	Quercus virginiana	Live Oak	16.1						259.21	16.10	
S156	Quercus virginiana	Live Oak	12.9						166.41	12.90	
S157	Quercus hemisphaerica	Darlington Oak	30						900	30.00	Damaged
S158	Quercus virginiana	Live Oak	23						529	23.00	
S159	Quercus virginiana	Live Oak	18.4						338.56	18.40	
S160	Quercus hemisphaerica	Darlington Oak	15						225	15.00	
S161	Quercus hemisphaerica	Darlington Oak	15.2						231.04	15.20	
S162	Quercus hemisphaerica	Darlington Oak	12.1						146.41	12.10	
S163	Quercus hemisphaerica	Darlington Oak	15.8						249.64	15.80	
S164	Quercus virginiana	Live Oak	20.2						408.04	20.20	
S165	Quercus hemisphaerica	Darlington Oak	13.6						184.96	13.60	
S166	Quercus hemisphaerica	Darlington Oak	12.5						156.25	12.50	
S167	Quercus hemisphaerica	Darlington Oak	19.6						384.16	19.60	
S168	Quercus hemisphaerica	Darlington Oak	14.9						222.01	14.90	

TREE #	SCIENTIFIC NAME	COMMON NAME	DBH 1	DBH 2	DBH 3	DBH 4	DBH 5	DBH 6	DBH SUM OF INCHES SQUARED	FINAL DBH CALCULATION	NOTES
S169	Quercus hemisphaerica	Darlington Oak	12.6						158.76	12.60	
S170	Quercus hemisphaerica	Darlington Oak	12.2						148.84	12.20	
S171	Quercus hemisphaerica	Darlington Oak	15.8						249.64	15.80	
S172	Quercus rubra	Red Oak	14.7						216.09	14.70	
S173	Quercus hemisphaerica	Darlington Oak	12.7						161.29	12.70	
S174	Quercus rubra	Red Oak	13.7						187.69	13.70	Damaged
S175	Quercus hemisphaerica	Darlington Oak	15.2						231.04	15.20	
S176	Quercus hemisphaerica	Darlington Oak	14.4						207.36	14.40	
S177	Quercus hemisphaerica	Darlington Oak	26.1						681.21	26.10	
S178	Quercus hemisphaerica	Darlington Oak	23						529	23.00	
S179	Quercus nigra	Water Oak	18.1						327.61	18.10	
S180	Quercus nigra	Water Oak	19.7						388.09	19.70	
S181	Magnolia grandiflora	Southern Magnolia	19.2						368.64	19.20	
S182	Magnolia grandiflora	Southern Magnolia	21.4						457.96	21.40	
S183	Quercus nigar	Water Oak	13.6						184.96	13.60	
S184	Magnolia grandiflora	Southern Magnolia	12.1						146.41	12.10	
S185	Quercus nigra	Water Oak	13.6						184.96	13.60	
S186	Quercus hemisphaerica	Darlington Oak	16.2						262.44	16.20	
S187	Quercus hemisphaerica	Darlington Oak	21.3						453.69	21.30	
S188	Quercus nigra	Water Oak	16.2						262.44	16.20	
S189	Quercus virginiana	Live Oak	18.4						338.56	18.40	
S190	Quercus virginiana	Live Oak	13.3						176.89	13.30	
S191	Quercus virginiana	Live Oak	14.6						213.16	14.60	Damaged
S192	Quercus virginiana	Live Oak	13.9						193.21	13.90	
S193	Quercus hemisphaerica	Darlington Oak	15.8						249.64	15.80	
S194	Quercus virginiana	Live Oak	12.7	19.8					553.33	23.52	Multi
S195	Quercus virginiana	Live Oak	22.2						492.84	22.20	
S196	Quercus rubra	Red Oak	17						289	17.00	
S197	Quercus virginiana	Live Oak	13.9						193.21	13.90	
S198	Quercus virginiana	Live Oak	14.7						216.09	14.70	
S199	Quercus virginiana	Live Oak	22.3						497.29	22.30	
S200	Quercus hemisphaerica	Darlington Oak	17						289	17.00	
S201	Quercus virginiana	Live Oak	14.1						198.81	14.10	Distressed
S202	Quercus hemisphaerica	Darlington Oak	12.9						166.41	12.90	
S203	Quercus virginiana	Live Oak	24.1						580.81	24.10	
S204	Quercus virginiana	Live Oak	24.1						580.81	24.10	
S205	Quercus hemisphaerica	Darlington Oak	20.2						408.04	20.20	
S206	Magnolia grandiflora	Southern Magnolia	10.2	13.2					278.28	16.68	Multi
S207	Quercus virginiana	Live Oak	22.5						506.25	22.50	
S208	Quercus virginiana	Live Oak	16.3						265.69	16.30	
S209	Quercus hemisphaerica	Darlington Oak	13.2						174.24	13.20	
S210	Quercus virginiana	Live Oak	12.5						156.25	12.50	
S211	Quercus hemisphaerica	Darlington Oak	16						256	16.00	
S212	Quercus virginiana	Live Oak	20.5						420.25	20.50	
S213	Quercus hemisphaerica	Darlington Oak	16.5						272.25	16.50	
S214	Quercus rubra	Red Oak	17.1						292.41	17.10	
S215	Quercus virginiana	Live Oak	12.3						151.29	12.30	
S216	Quercus hemisphaerica	Darlington Oak	21.8						475.24	21.80	
S217	Quercus hemisphaerica	Darlington Oak	12.1						146.41	12.10	
S218	Quercus rubra	Red Oak	15.9						252.81	15.90	
S219	Quercus rubra	Red Oak	12.7						161.29	12.70	
S220	Quercus virginiana	Live Oak	14.9						222.01	14.90	
S221	Quercus virginiana	Live Oak	26.9						723.61	26.90	
S222	Quercus virginiana	Live Oak	12.9						166.41	12.90	
S223	Prunus serotina	Black Cherry	12.6						158.76	12.60	
S224	Magnolia grandiflora	Southern Magnolia	19.9						396.01	19.90	
S225	Quercus virginiana	Live Oak	14.7						216.09	14.70	
S226	Quercus virginiana	Live Oak	49.8						2480.04	49.80	
S227	Quercus virginiana	Live Oak	13.9						193.21	13.90	
S228	Magnolia virginiana	Sweetbay Magnolia	17.2						295.84	17.20	
S229	Quercus hemisphaerica	Darlington Oak	29.7						882.09	29.70	
S230	Quercus hemisphaerica	Darlington Oak	13.9						193.21	13.90	
S231	Quercus hemisphaerica	Darlington Oak	13.3						176.89	13.30	
S232	Quercus hemisphaerica	Darlington Oak	15.2	22.3					728.33	26.99	Multi
S233	Quercus rubra	Red Oak	16.1						259.21	16.10	
S234	Quercus hemisphaerica	Darlington Oak	16.8						282.24	16.80	
S235	Quercus hemisphaerica	Darlington Oak	17.8						316.84	17.80	
S237	Prunus serotina	Black Cherry	12.2						148.84	12.20	
S238	Quercus hemisphaerica	Darlington Oak	12.9						166.41	12.90	
S239	Quercus hemisphaerica	Darlington Oak	10.5	12.5					266.5	16.32	Multi
S240	Quercus virginiana	Live Oak	14.2						201.64	14.20	
S244	Quercus hemisphaerica	Darlington Oak	15.6						243.36	15.60	
S246	Quercus virginiana	Live Oak	22.6						510.76	22.60	
S247	Acer rubrum	Red Maple	8.6	11.2	10.8				316.04	17.78	
S248	Quercus nigra	Water Oak	9.9	5.2					125.05	11.18	
S249	Magnolia grandiflora	Southern Magnolia	20.9						436.81	20.90	
S250	Quercus virginiana	Live Oak	12.9						166.41	12.90	
S251	Magnolia grandiflora	Southern Magnolia	15						225	15.00	
S252	Magnolia grandiflora	Southern Magnolia	16						256	16.00	
S253	Quercus hemisphaerica	Darlington Oak	24.4						595.36	24.40	
S254	Quercus virginiana	Live Oak	12.7						161.29	12.70	
S256	Quercus virginiana	Live Oak	22.1						488.41	22.10	
S257	Quercus nigra	Water Oak	14.7						216.09	14.70	
S258	Quercus virginiana	Live Oak	12.2						148.84	12.20	
S259	Quercus nigra	Water Oak	29.9						894.01	29.90	
S261	Quercus nigra	Water Oak	13.1						171.61	13.10	
S262	Quercus virginiana	Live Oak	16						256	16.00	
S263	Quercus nigra	Water Oak	12.3						151.29	12.30	
S264	Quercus nigra	Water Oak	19.5						380.25	19.50	
S265	Quercus nigra	Water Oak	12.7						161.29	12.70	
S267	Prunus serotina	Black Cherry	17.8						316.84	17.80	
S269	Magnolia grandiflora	Southern Magnolia	65.4						4277.16	65.40	
S270	Quercus virginiana	Live Oak	35.6						1267.36	35.60	
S272	Quercus Virginiana		12.3						151.29	12.30	??
S274	Magnolia grandiflora	Southern Magnolia	12.2						148.84	12.20	
S275	Juniperus virginiana	Red Cedar	26.6						707.56	26.60	
S276	Quercus virginiana	Live Oak	36.7						1346.89	36.70	
S277	Magnolia grandiflora	Southern Magnolia	12.2						148.84	12.20	
S278	Carya illinoinensis	Pecan	31.7						1004.89	31.70	Damaged
S279	Carya illinoinensis	Pecan	29.9						894.01	29.90	Damaged
S280	Carya illinoinensis	Pecan	25.6						655.36	25.60	Damaged
S281	Carya illinoinensis	Pecan	28.3						800.89	28.30	Damaged
S282	Magnolia grandiflora	Southern Magnolia	38.7						1497.69	38.70	
S283	Quercus virginiana	Live Oak	55.9						3124.81	55.90	
S284	Juniperus virginiana	Red Cedar	12.9						166.41	12.90	
S285	Quercus virginiana	Live Oak	25.4						645.16	25.40	
S286	Quercus hemisphaerica	Darlington Oak	18.6						345.96	18.60	
S287	Juniperus virginiana	Red Cedar	30.2						912.04	30.20	Damaged 30%
S288	Quercus virginiana	Live Oak	27.7						767.29	27.70	
S289	Quercus virginiana	Live Oak	30						900	30.00	
S290	Quercus virginiana	Live Oak	25.4						645.16	25.40	
S291	Magnolia grandiflora	Southern Magnolia	13.4						179.56	13.40	
S292	Quercus virginiana	Live Oak	27.6						761.76	27.60	
S293	Quercus virginiana	Live Oak	31						961	31.00	

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK

PROFESSIONAL ENGINEER, P.A.

BOARD OF PROFESSIONAL REGULATION #00008423

10250 NORTH PALAFOX STREET

PENSACOLA, FL 32534

PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

TREE PLAN - OVERALL

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

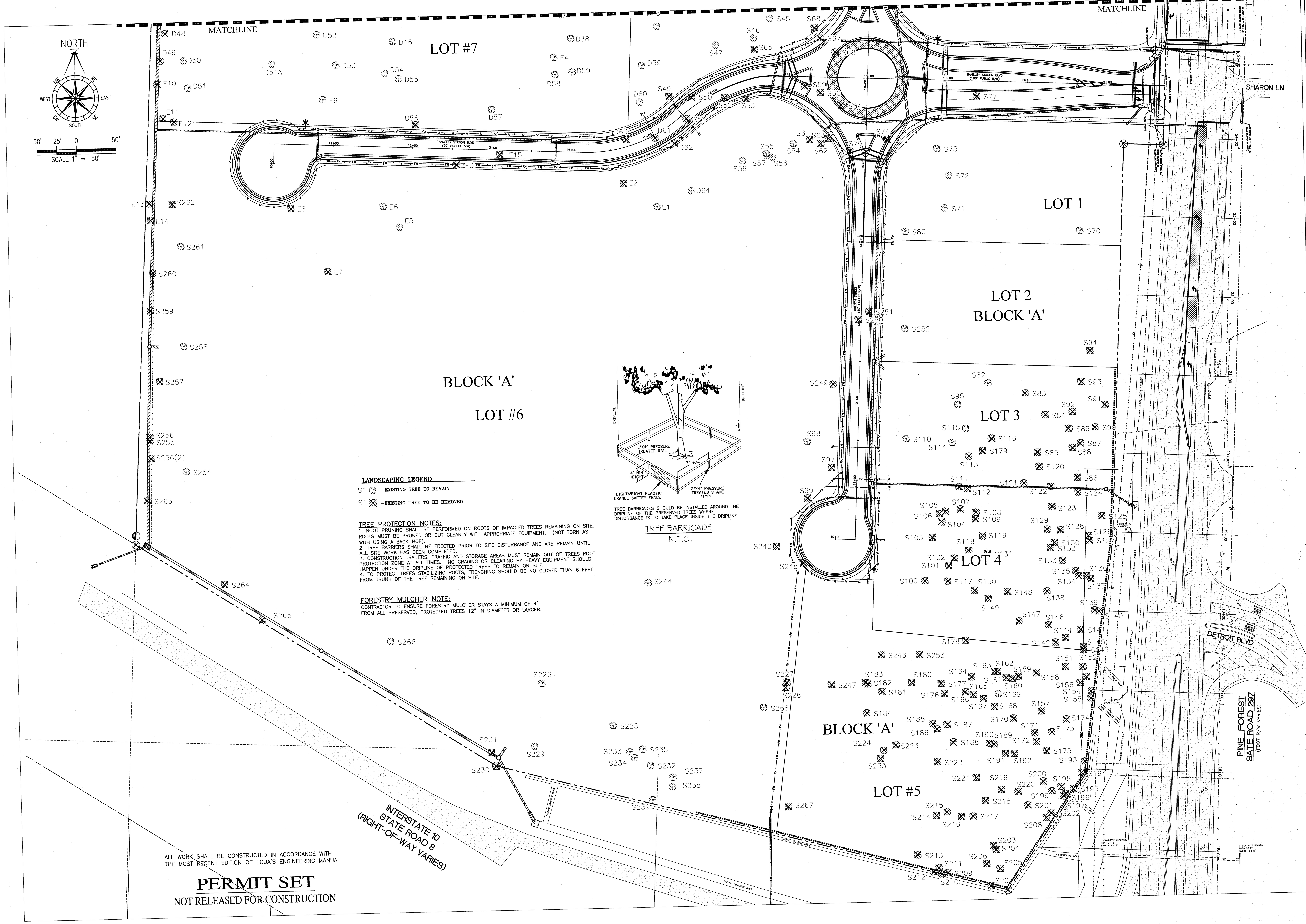
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C13 OF C37



LANDSCAPING LEGEND

S1 –EXISTING TREE TO REMAIN

S1 –EXISTING TREE TO BE REMOVED

TREE PROTECTION NOTES:

1. ROOT PRUNING SHALL BE PERFORMED ON ROOTS OF IMPACTED TREES REMAINING ON SITE. ROOTS MUST BE PRUNED OR CUT CLEANLY WITH APPROPRIATE EQUIPMENT. (NOT TORN AS WITH USING A BACK HOE).
2. TREE BARRIERS SHALL BE ERECTED PRIOR TO SITE DISTURBANCE AND ARE REMAIN UNTIL ALL SITE WORK HAS BEEN COMPLETED.
3. CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS MUST REMAIN OUT OF TREES ROOT PROTECTION ZONE AT ALL TIMES. NO GRADING OR CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ON SITE.
4. TO PROTECT TREES STABILIZING ROOTS, TRENCHING SHOULD BE NO CLOSER THAN 6 FEET FROM TRUNK OF THE TREE REMAINING ON SITE.

FORESTRY MULCHER NOTE:

CONTRACTOR TO ENSURE FORESTRY MULCHER STAYS A MINIMUM OF 4' FROM ALL PRESERVED, PROTECTED TREES 12" IN DIAMETER OR LARGER.

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

TREE PLAN - SOUTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

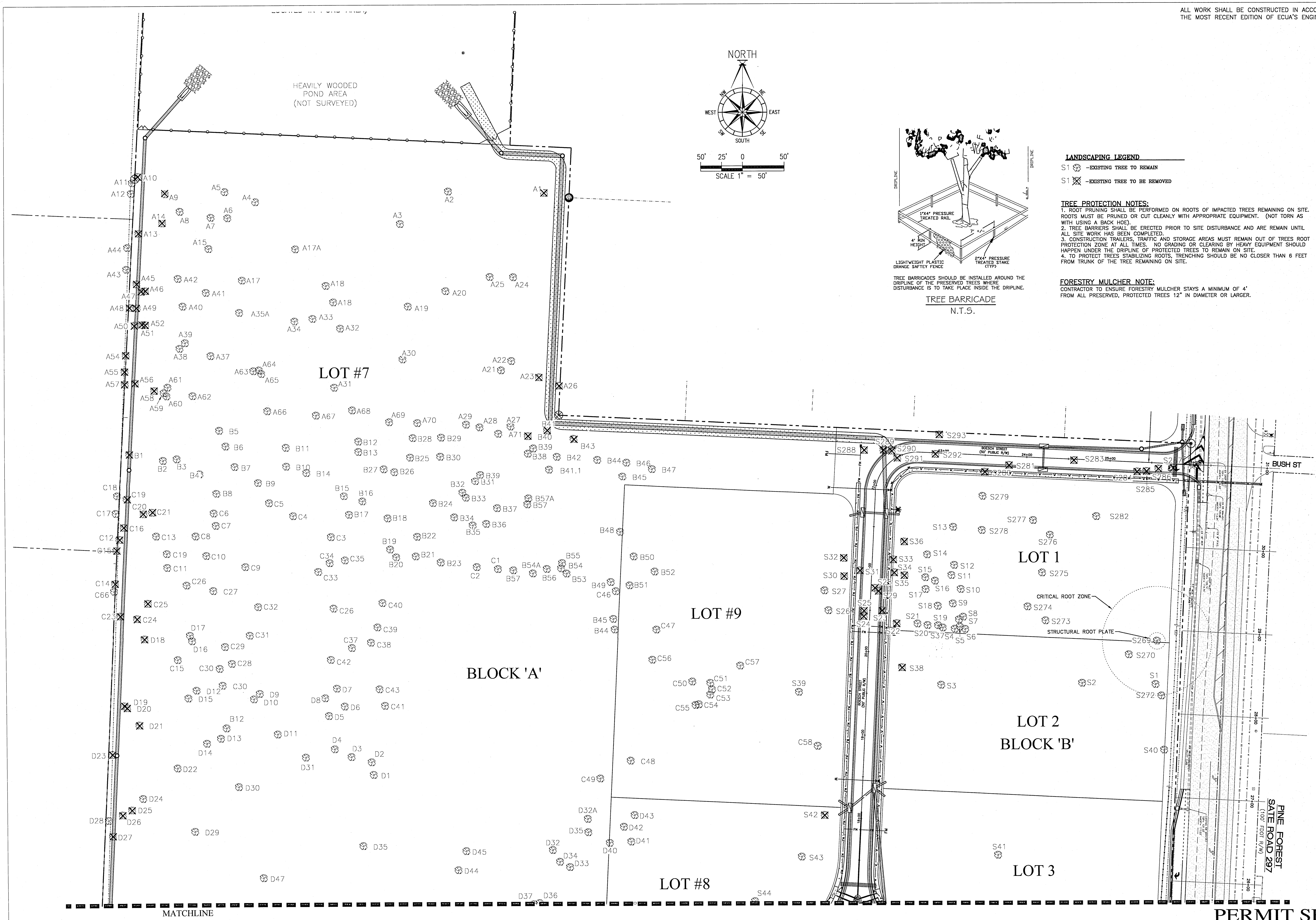
DATE:

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C14 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



TREE BARRICADES SHOULD BE INSTALLED AROUND THE DRIPLINE OF THE PRESERVED TREES WHERE DISTURBANCE IS TO TAKE PLACE INSIDE THE DRIPLINE.

TREE BARRICADE
N.T.S.

LANDSCAPING LEGEND

S1 -EXISTING TREE TO REMAIN

S1 -EXISTING TREE TO BE REMOVED

TREE PROTECTION NOTES:

1. ROOT PRUNING SHALL BE PERFORMED ON ROOTS OF IMPACTED TREES REMAINING ON SITE. ROOTS MUST BE PRUNED OR CUT CLEANLY WITH APPROPRIATE EQUIPMENT. (NOT TORN AS WITH USING A BACK HOE).
2. TREE BARRIERS SHALL BE ERECTED PRIOR TO SITE DISTURBANCE AND ARE REMAIN UNTIL ALL SITE WORK HAS BEEN COMPLETED.
3. CONSTRUCTION TRAILERS, TRAFFIC AND STORAGE AREAS MUST REMAIN OUT OF TREES ROOT PROTECTION ZONE AT ALL TIMES. NO GRADING OR CLEARING BY HEAVY EQUIPMENT SHOULD HAPPEN UNDER THE DRIPLINE OF PROTECTED TREES TO REMAIN ON SITE.
4. TO PROTECT TREES STABILIZING ROOTS, TRENCHING SHOULD BE NO CLOSER THAN 6 FEET FROM TRUNK OF THE TREE REMAINING ON SITE.

FORESTRY MULCHER NOTE:

CONTRACTOR TO ENSURE FORESTRY MULCHER STAYS A MINIMUM OF 4' FROM ALL PRESERVED, PROTECTED TREES 12" IN DIAMETER OR LARGER.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8577 FAX: (850)476-7708

RANSLEY STATION

TREE PLAN - NORTH

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

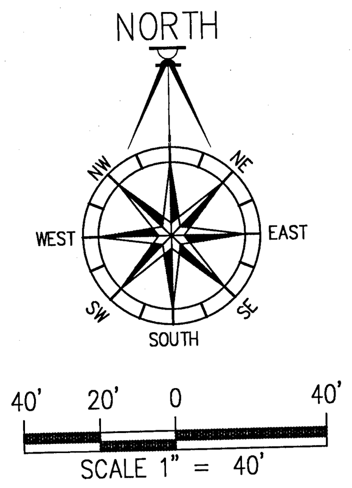
DATE:

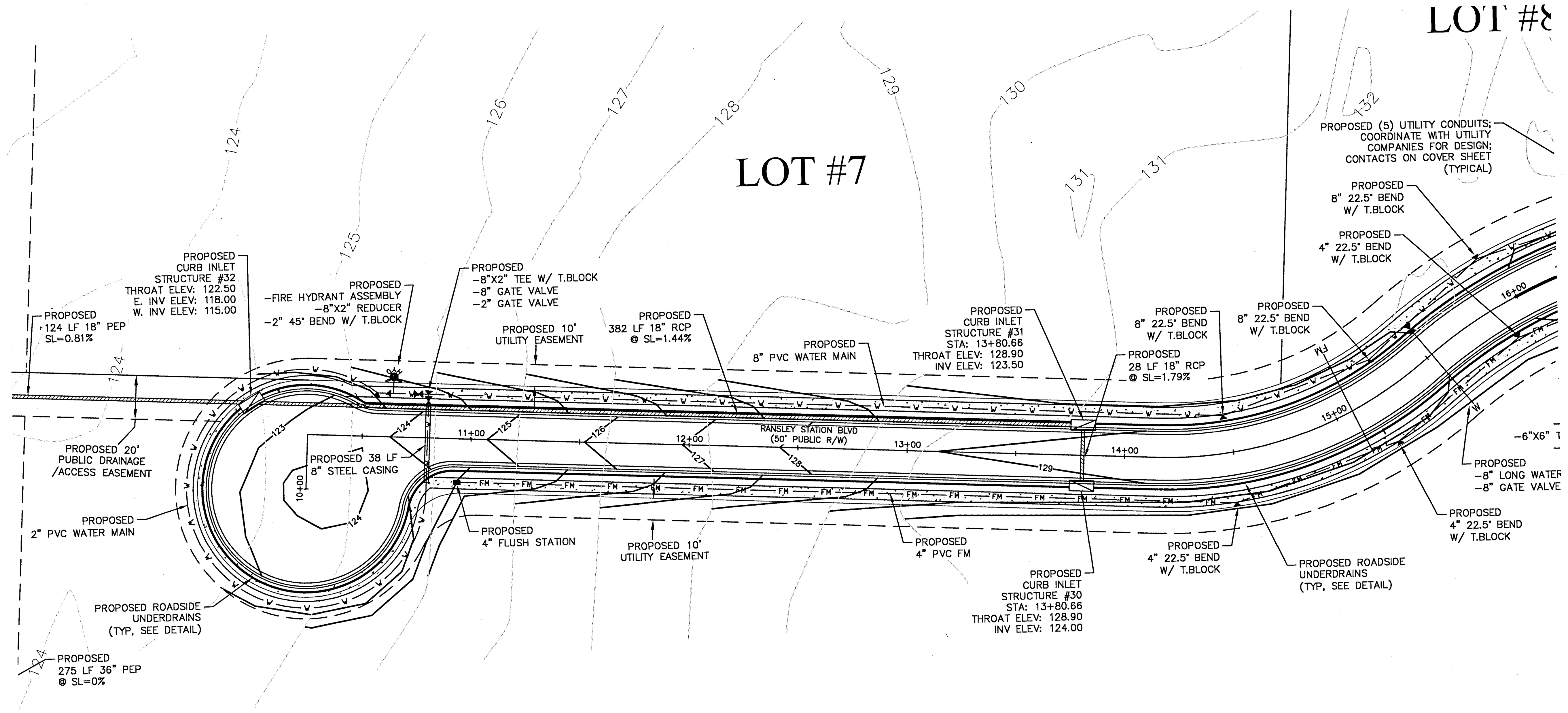
PROJECT NUMBER 19-041

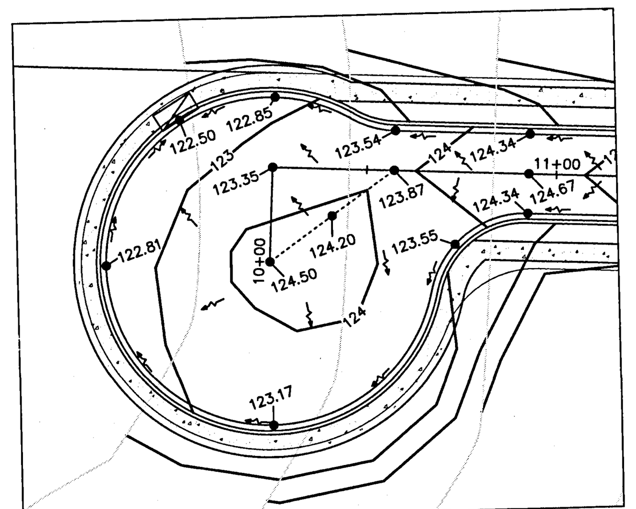
PLOT DATE 8/12/21

SHEET C15 OF C37

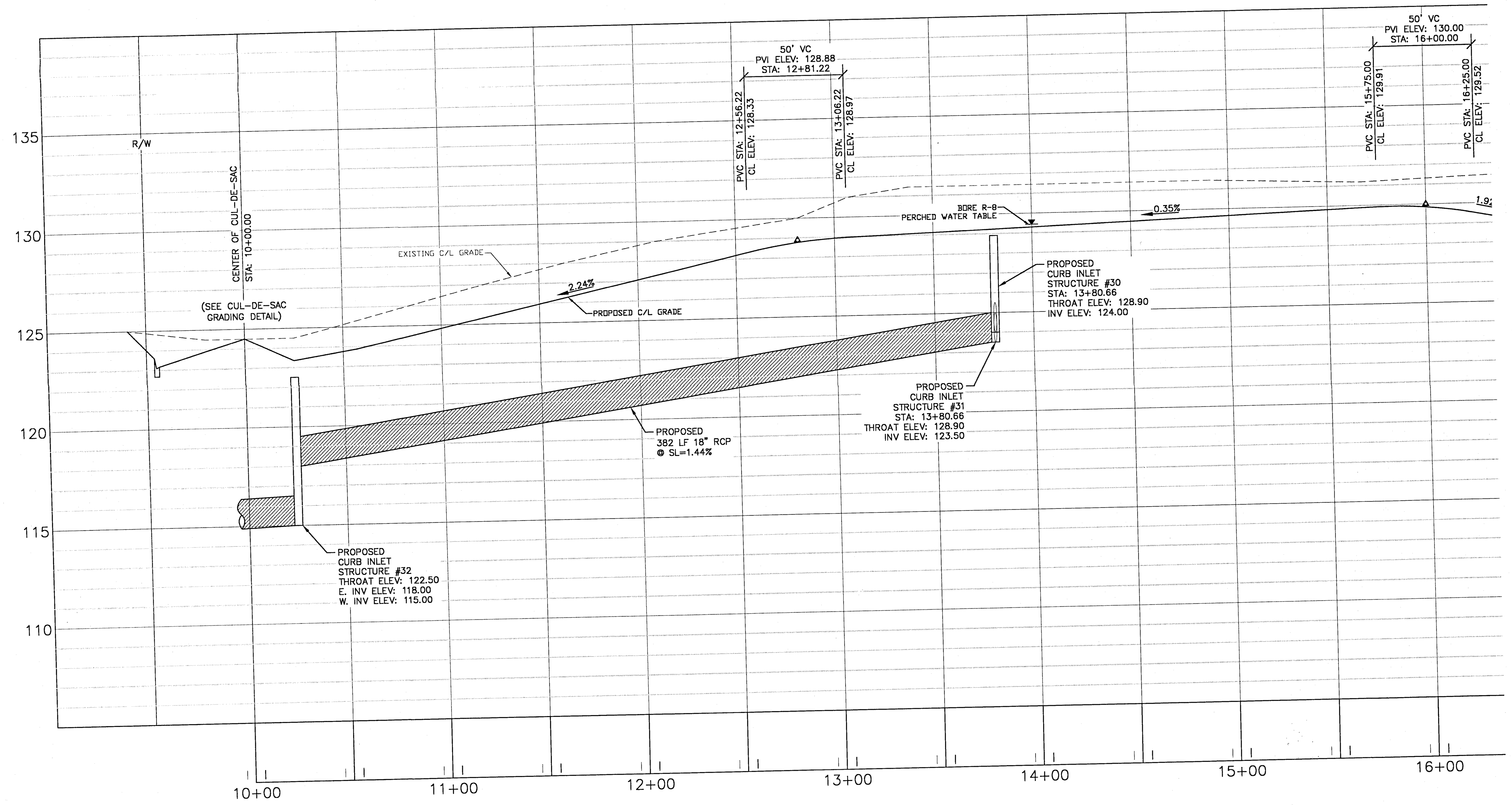
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL







CUL-DE-SAC GRADING DETAIL



DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - RANSLEY STATION BLVD

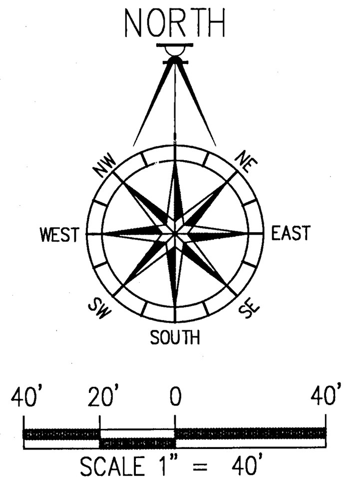
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

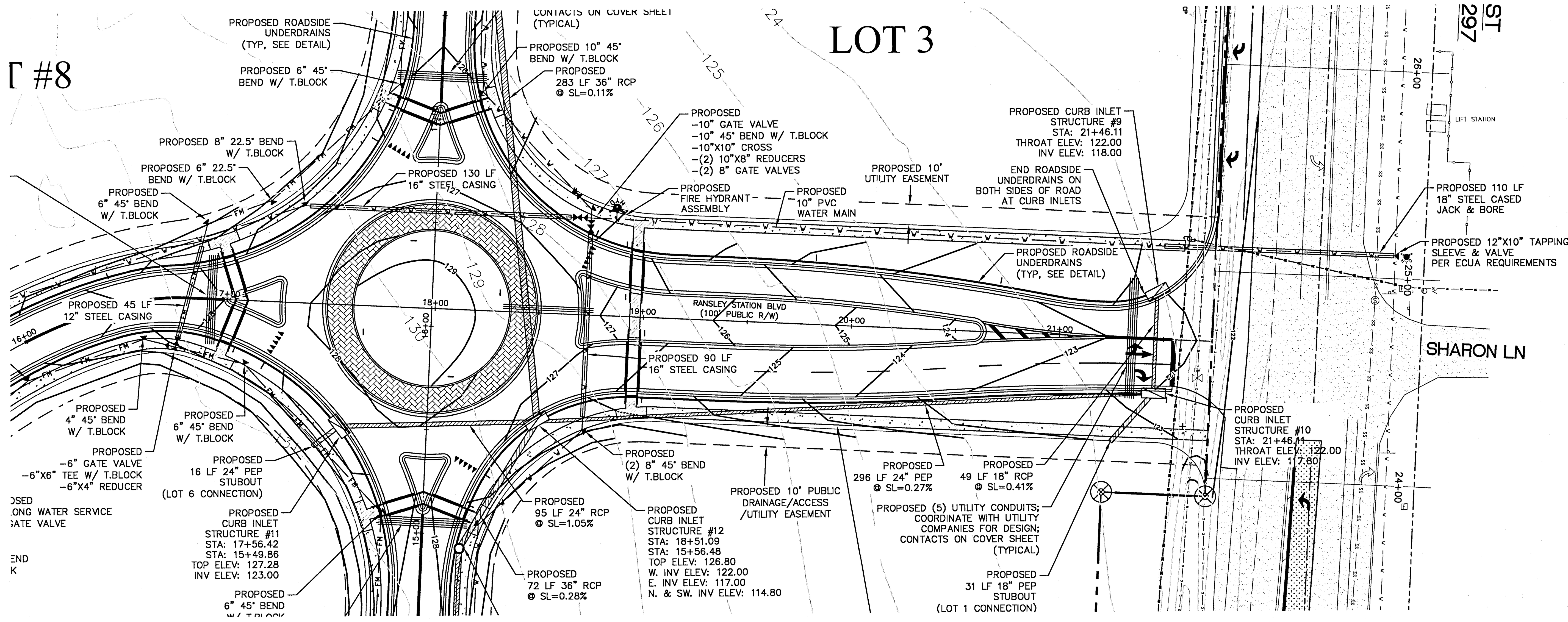
DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL

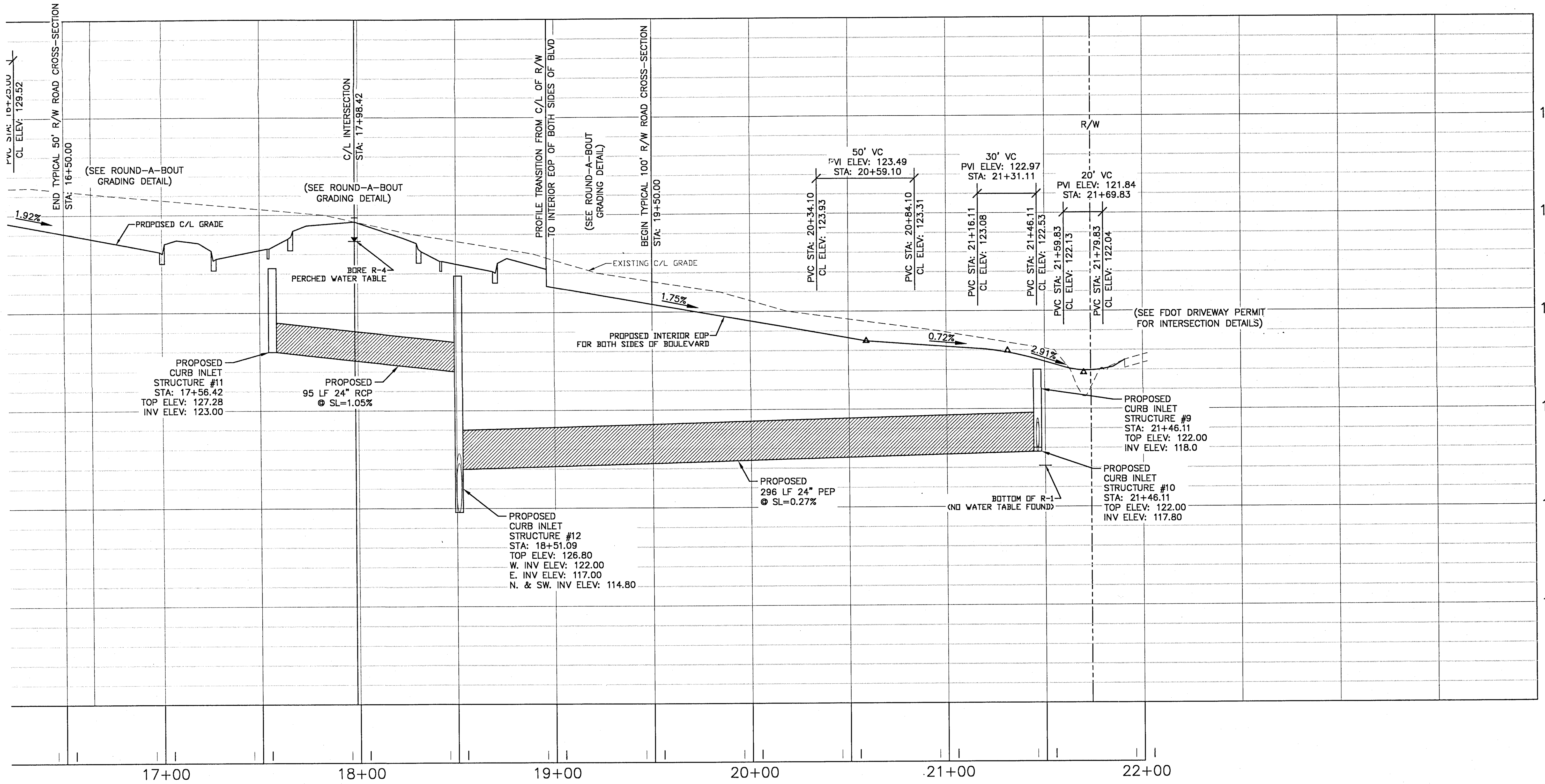
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C16 OF C37

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL







V. SCALE 1" = 4'

H. SCALE 1" = 40'

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423

RANSLEY STATION

PLAN / PROFILE - RANSLEY STATION BLVD

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

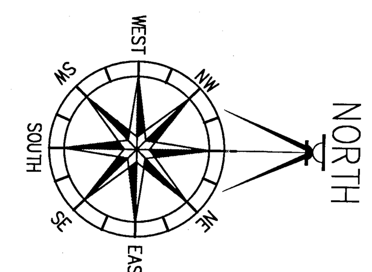
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041

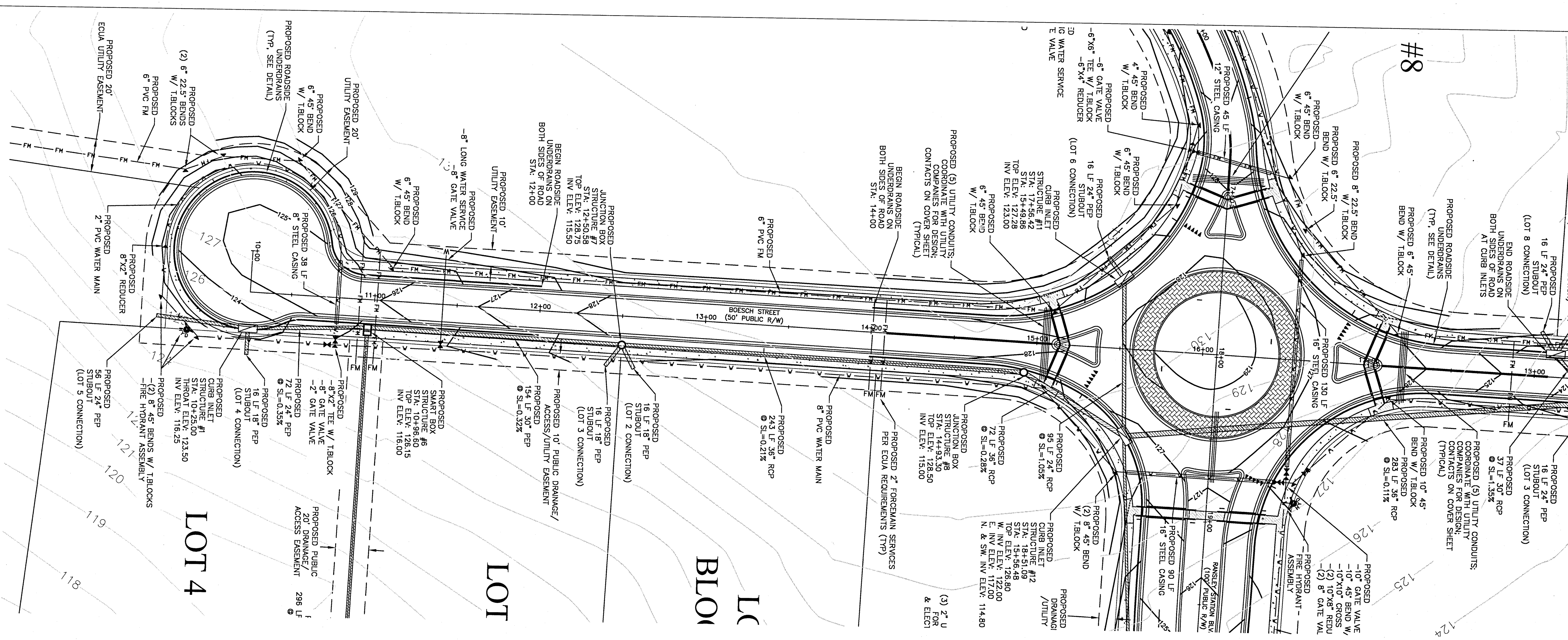
PLOT DATE 8/12/21

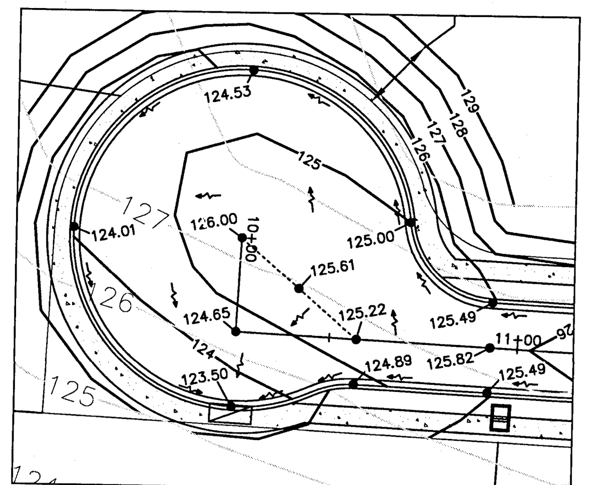
SHEET C17 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

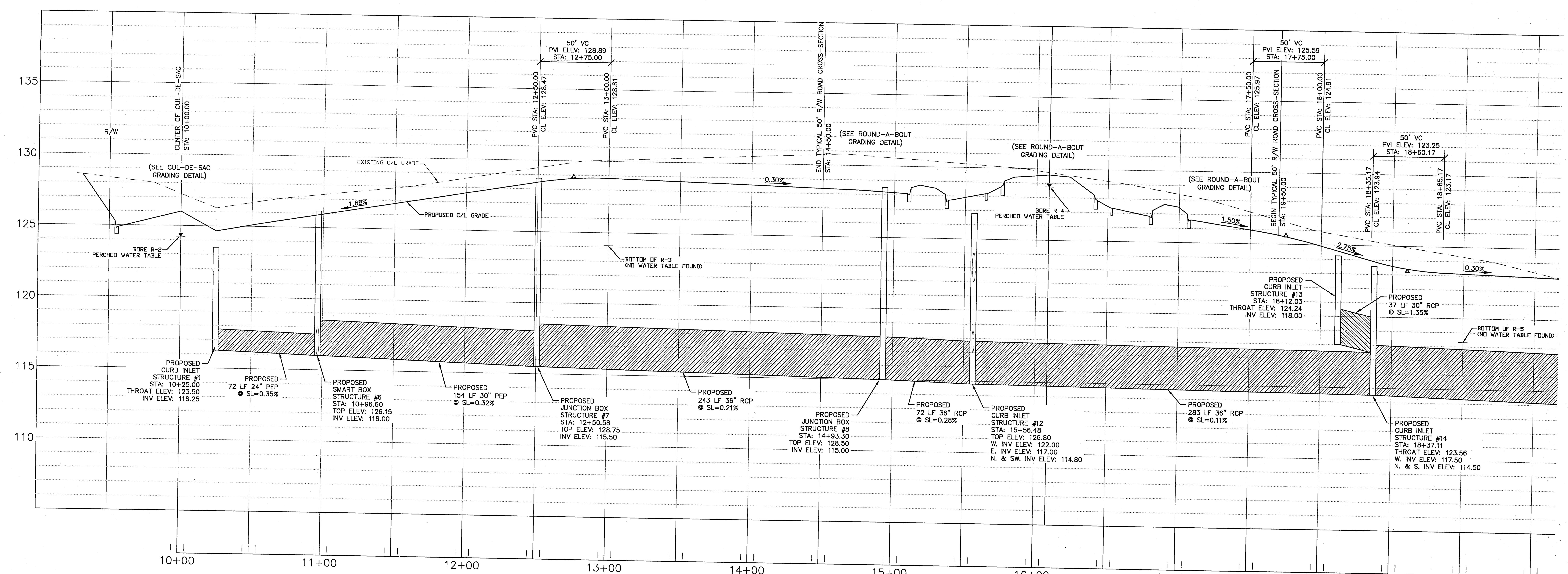


SCALE 1" = 40'





CUL-DE-SAC GRADING DETAIL



V. SCALE 1" = 4'

H. SCALE 1" = 40'

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - BOESCH LANE

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

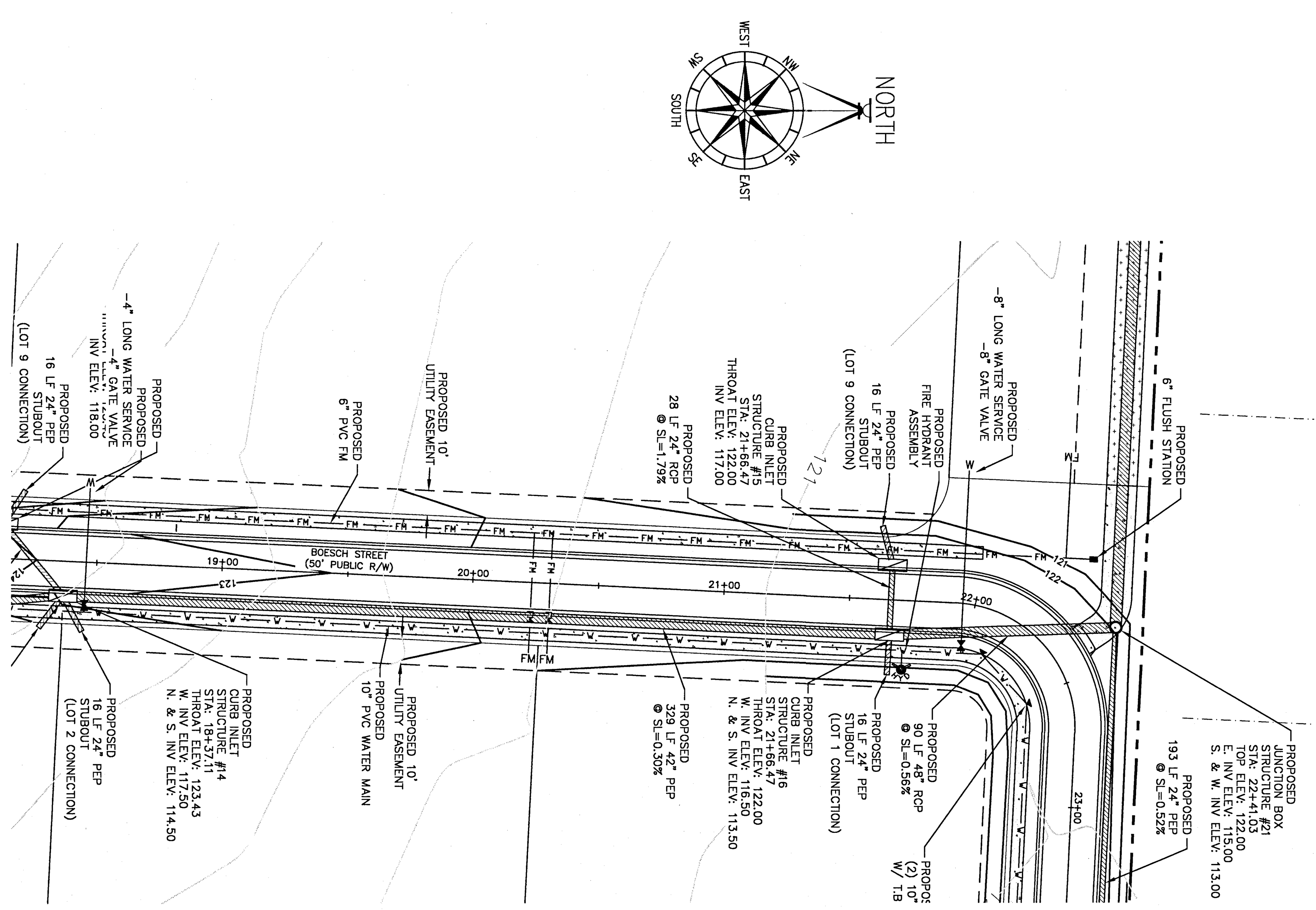
SHEET C18 OF C37

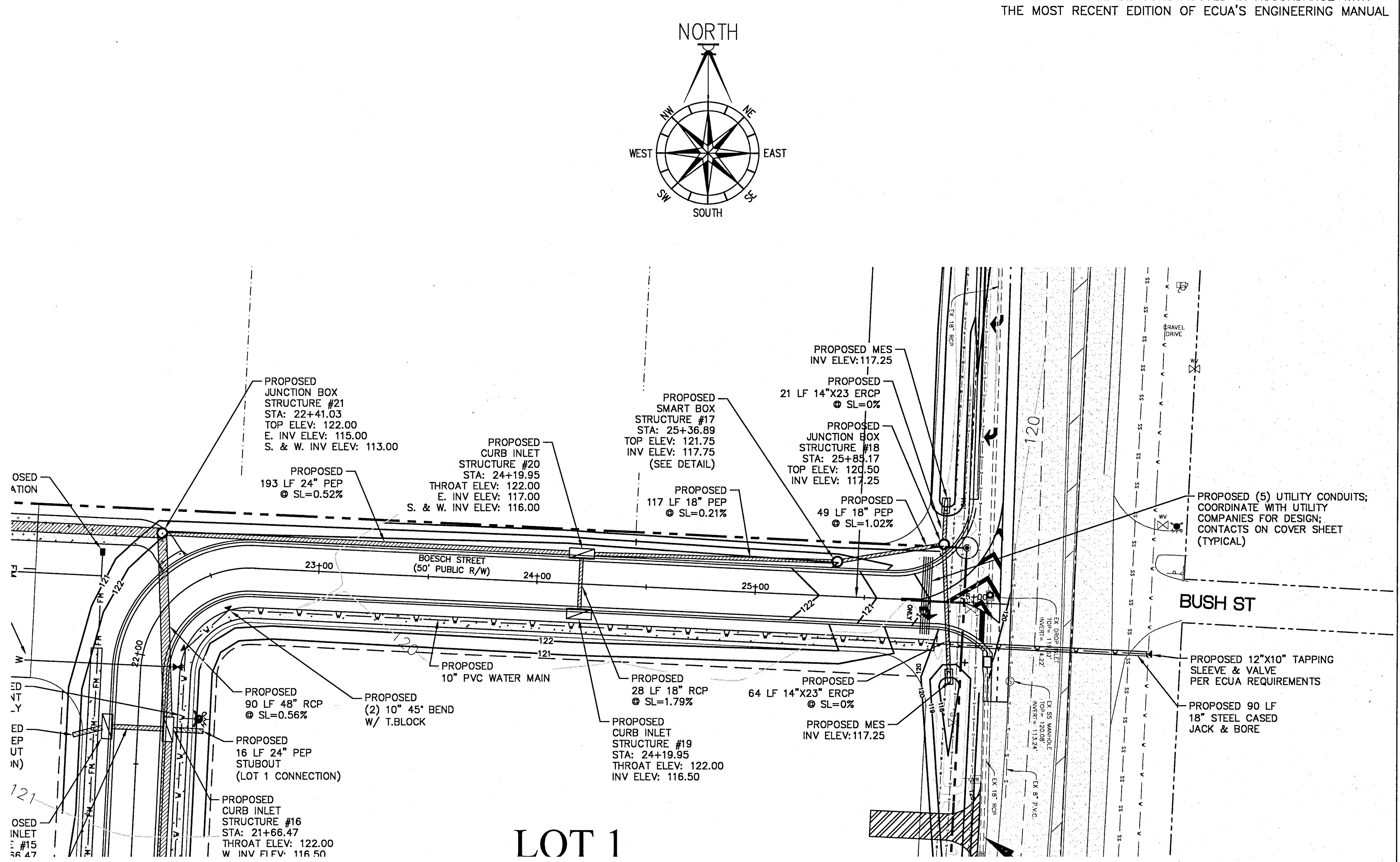
PERMIT SET

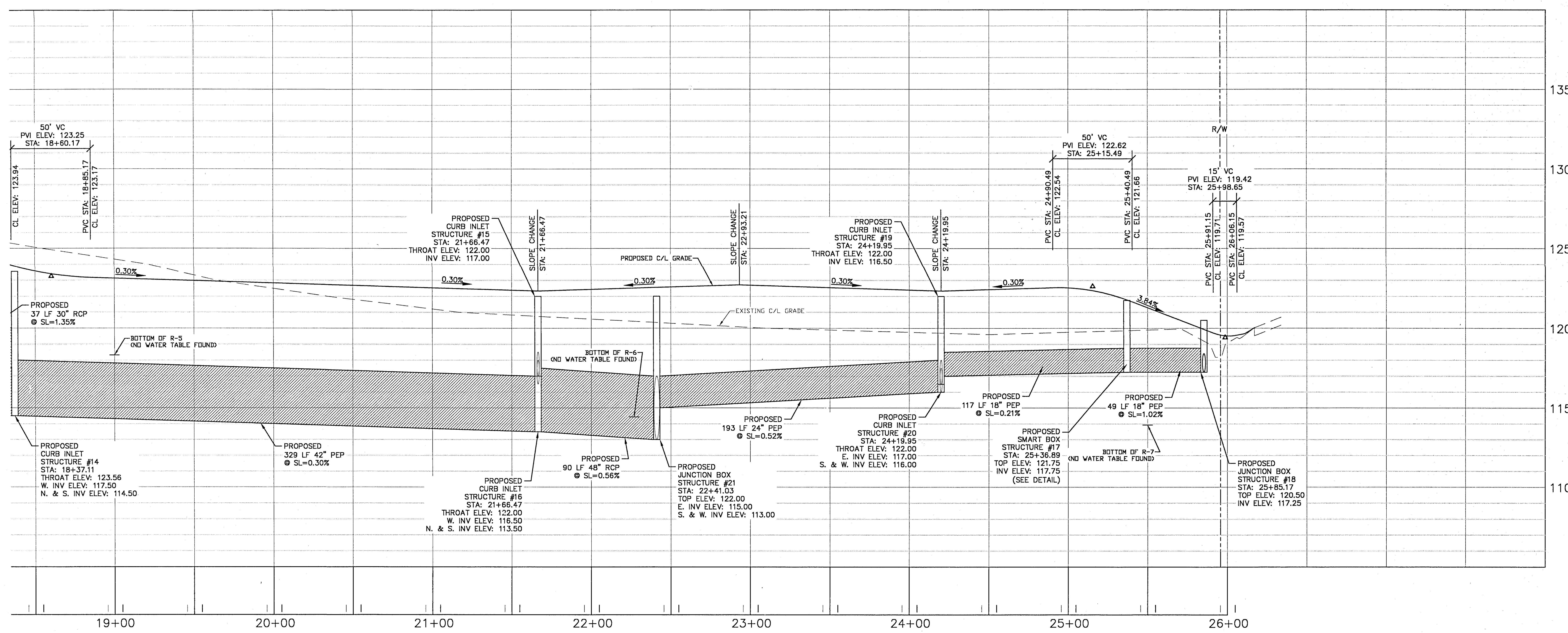
NOT RELEASED FOR CONSTRUCTION

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

40' 20' 0 40'
SCALE 1" = 40'







40' 20' 0 40'
H. SCALE 1" = 40'

V. SCALE 1" = 4'

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - BOESCH LANE

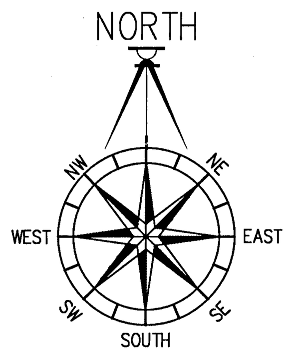
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	5/19/21
2	ECUA COMMENT REVISIONS. SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

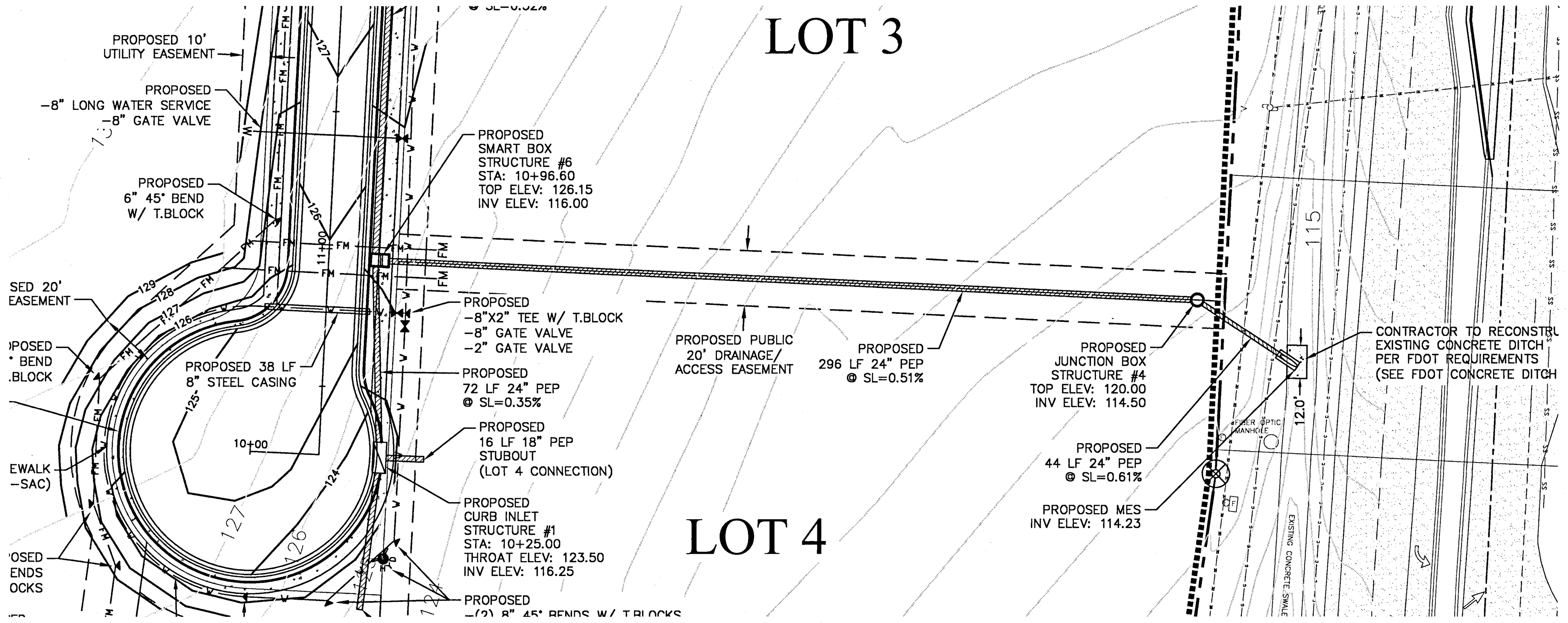
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47836 STATE OF FLORIDA PROFESSIONAL ENGINEER

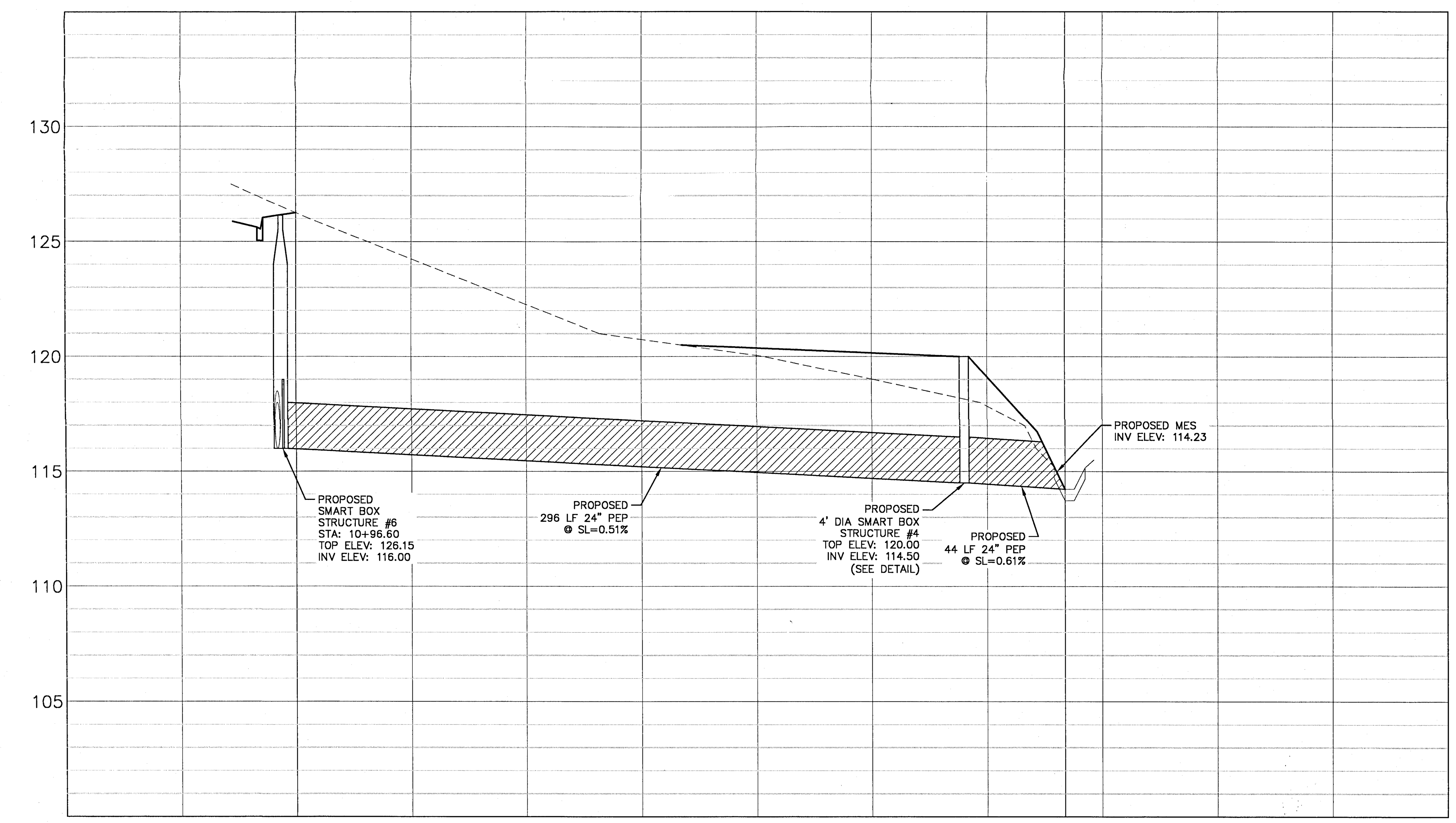
JOB NUMBER 19-041
PLOT DATE 8/12/21
SHEET C19 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



40' 20' 0 40'
SCALE 1" = 40'





4' 2' 0 4'
V. SCALE 1" = 4'

40' 20' 0 40'
H. SCALE 1" = 40'

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

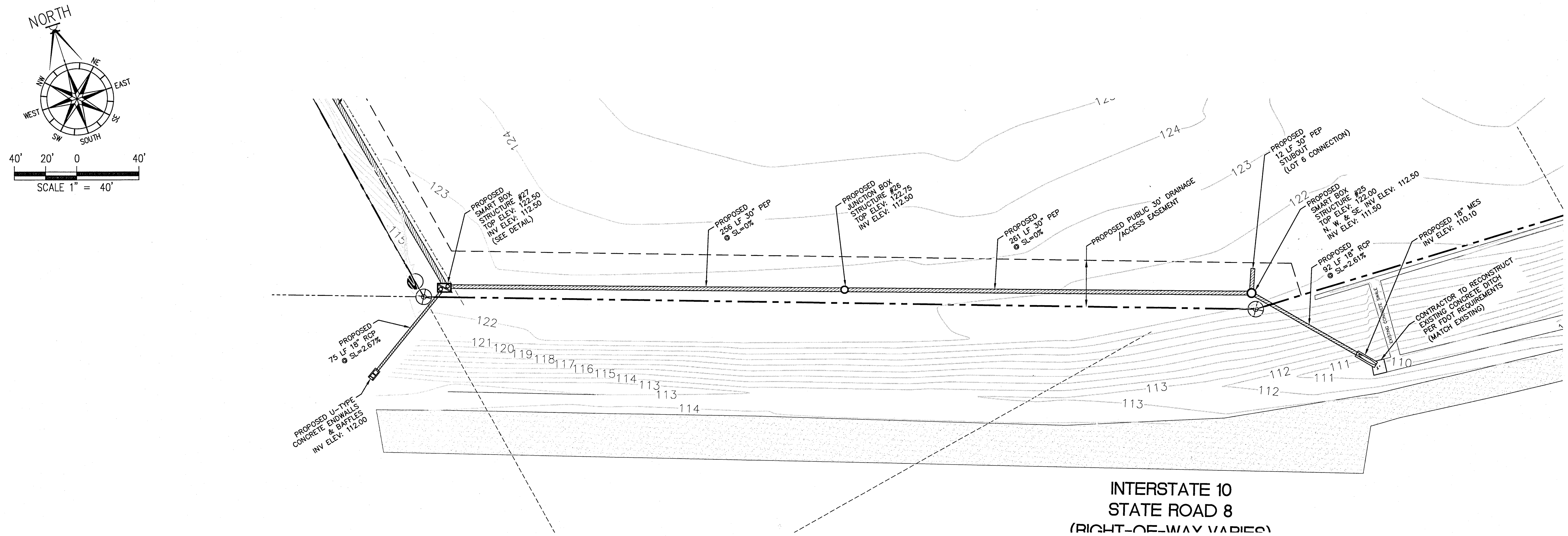
RANSLEY STATION

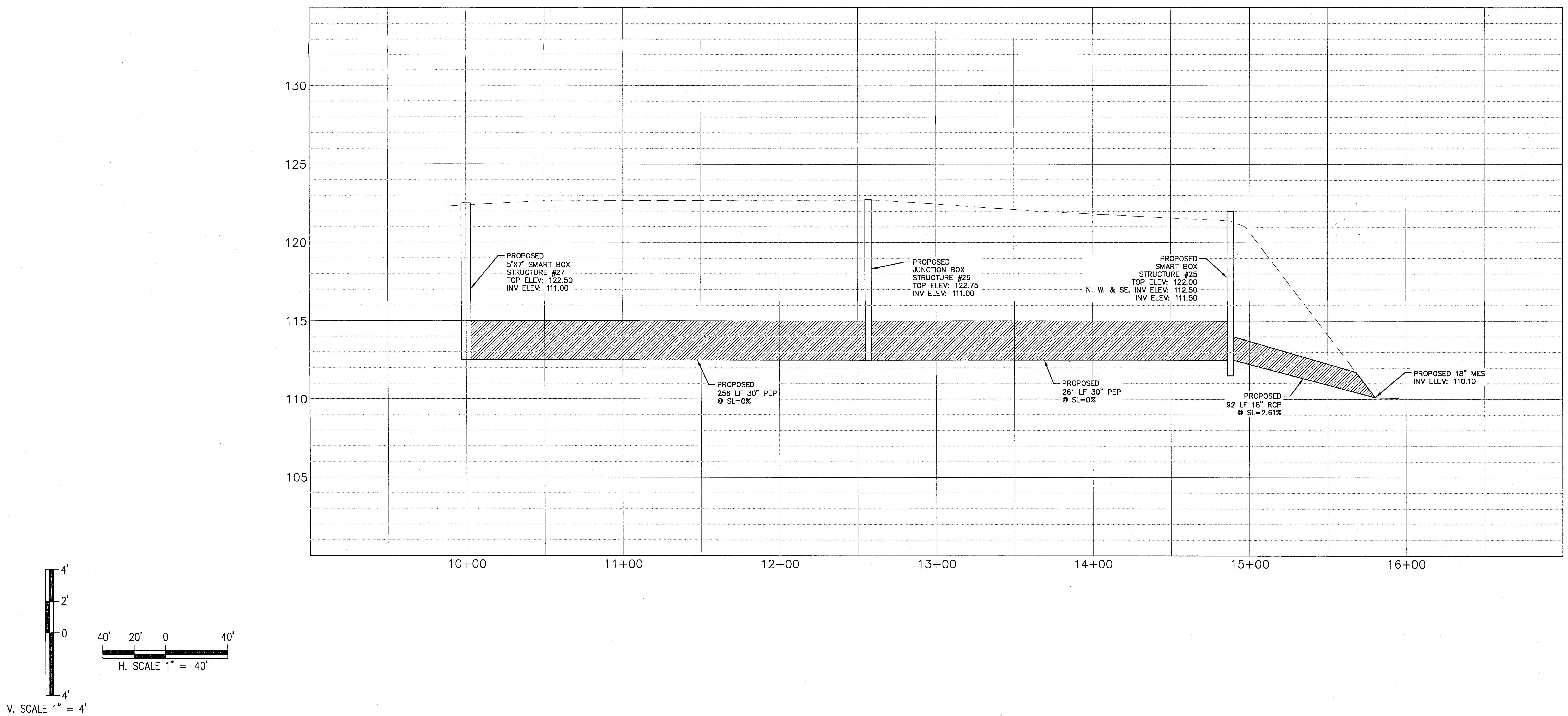
PLAN / PROFILE - ROAD #3

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE:
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C20 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - MISC. STORMWATER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

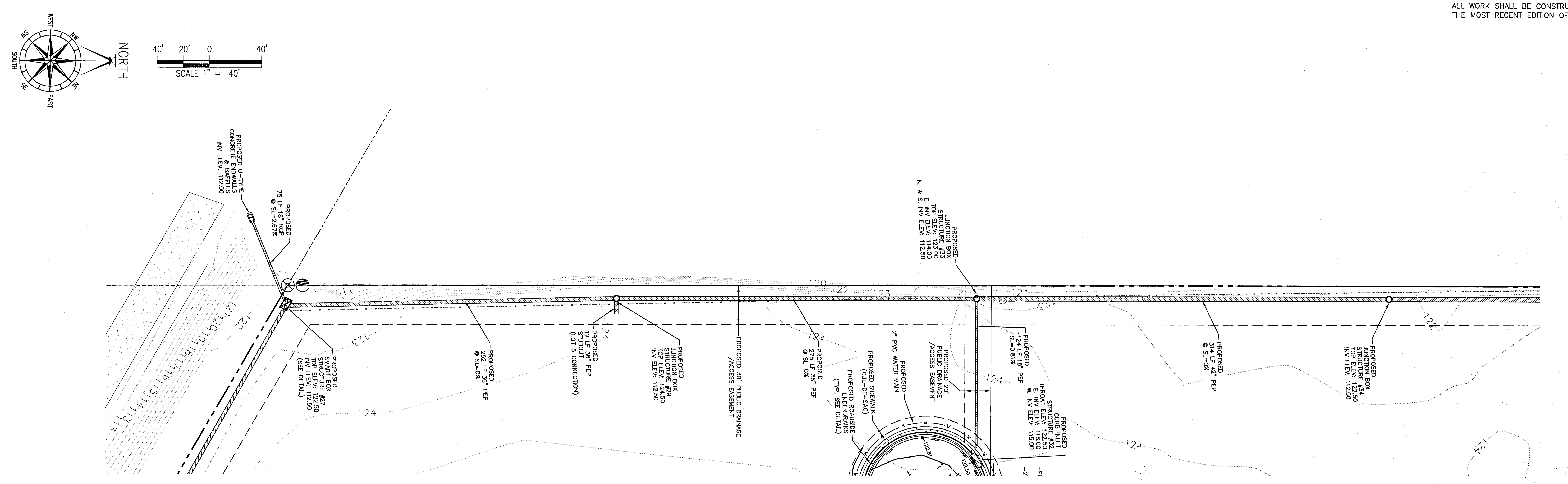
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

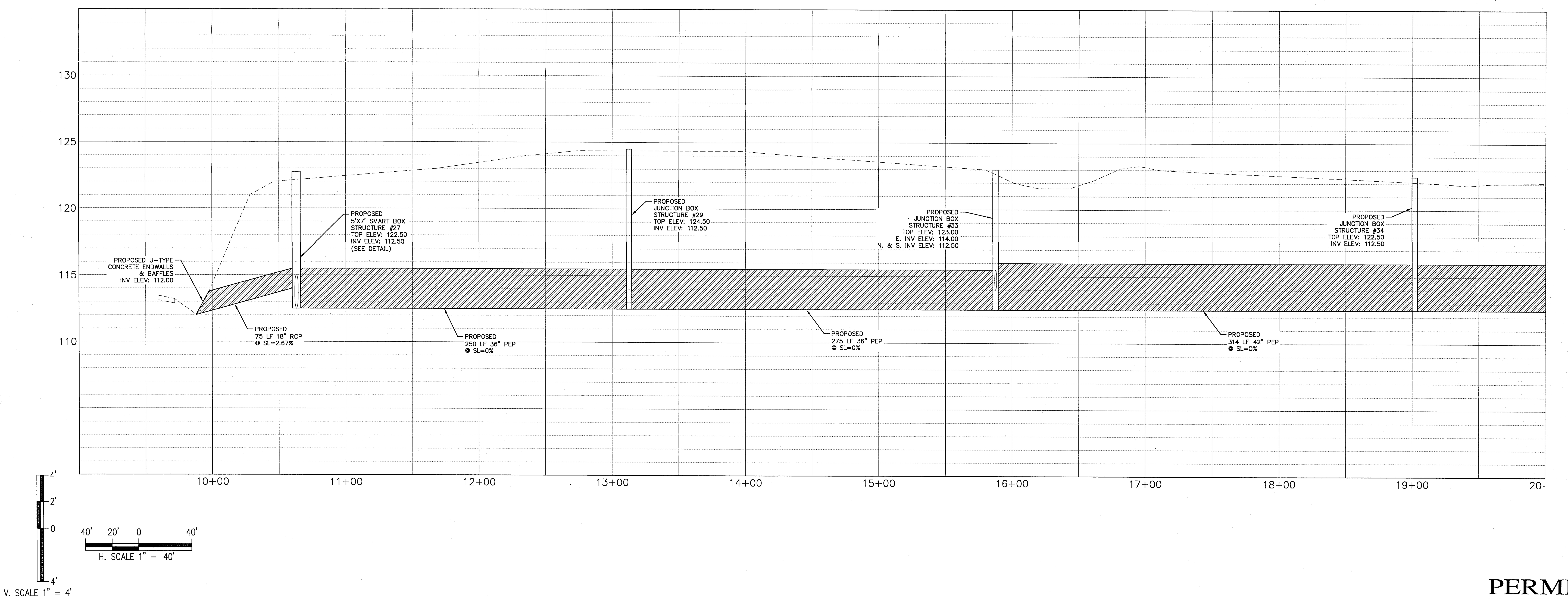
PROJECT NUMBER 19-041
PLOT DATE 8/12/21

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

SHEET C21 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - MISC. STORMWATER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/9/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

PROJECT NUMBER 19-041

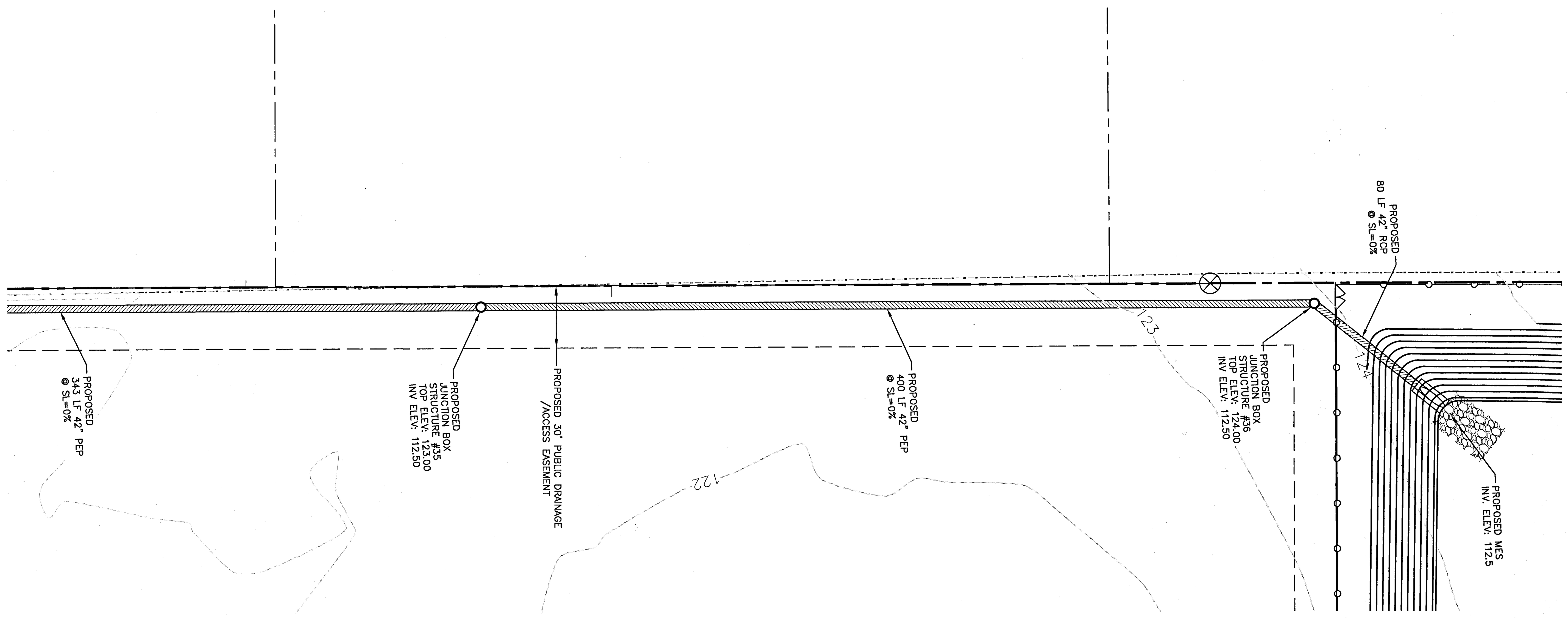
PLOT DATE 8/12/21

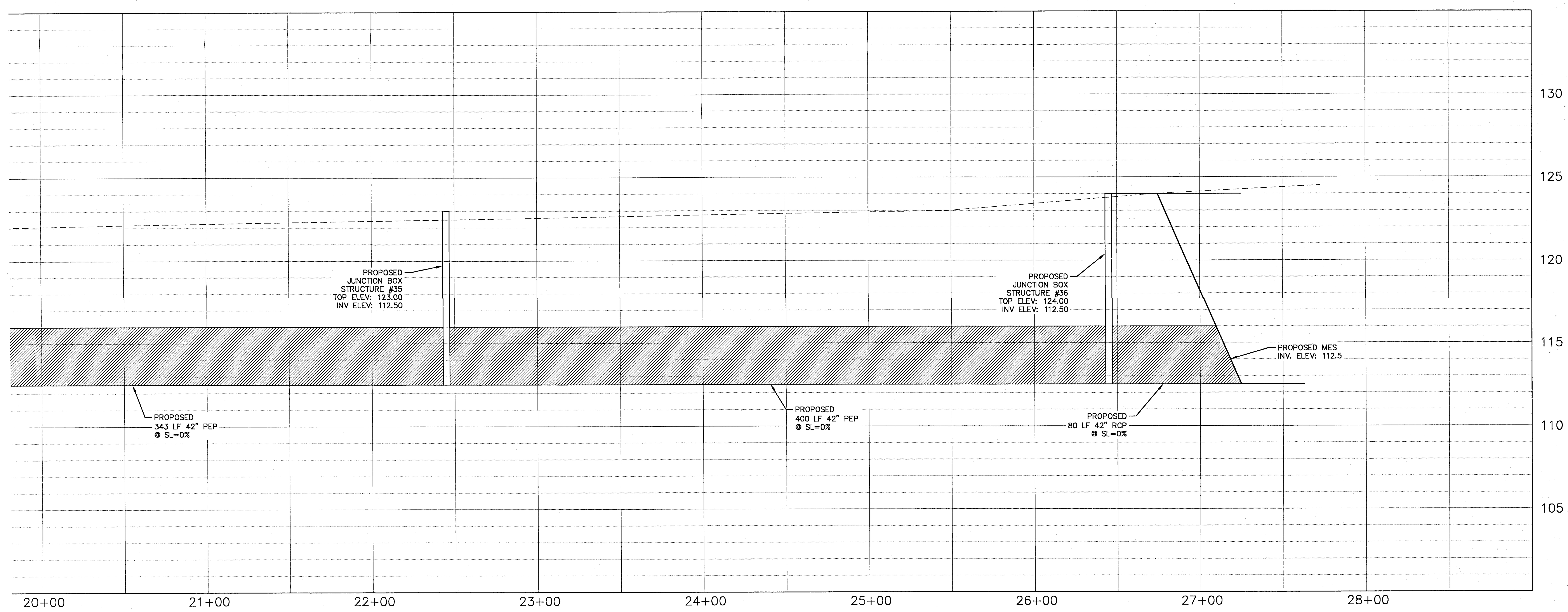
SHEET C22 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

NORTH

40' 20' 0 40'
SCALE 1" = 40'





4' 2' 0 4'
V. SCALE 1" = 4'

40' 20' 0 40'
H. SCALE 1" = 40'

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

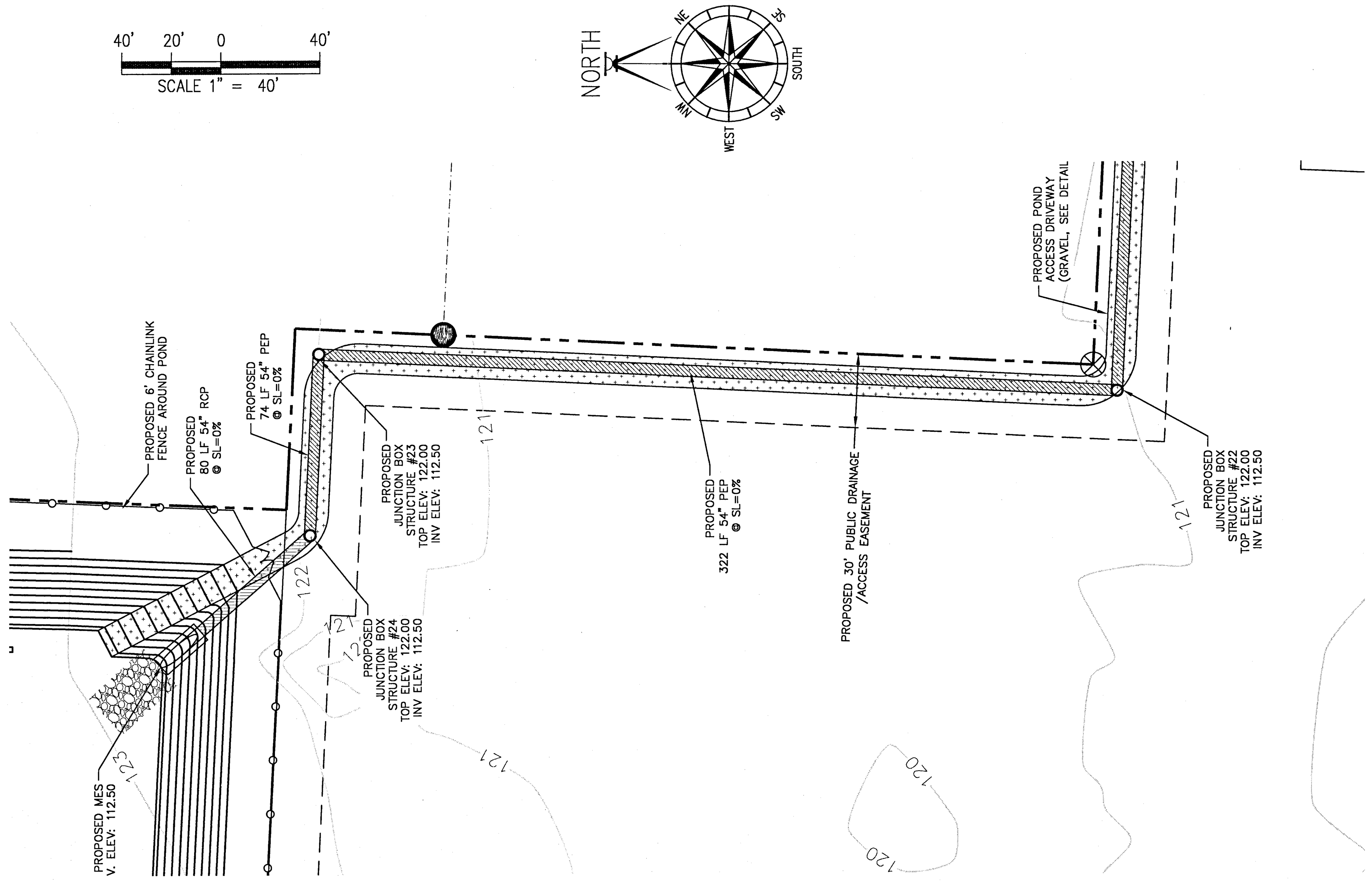
RANSLEY STATION

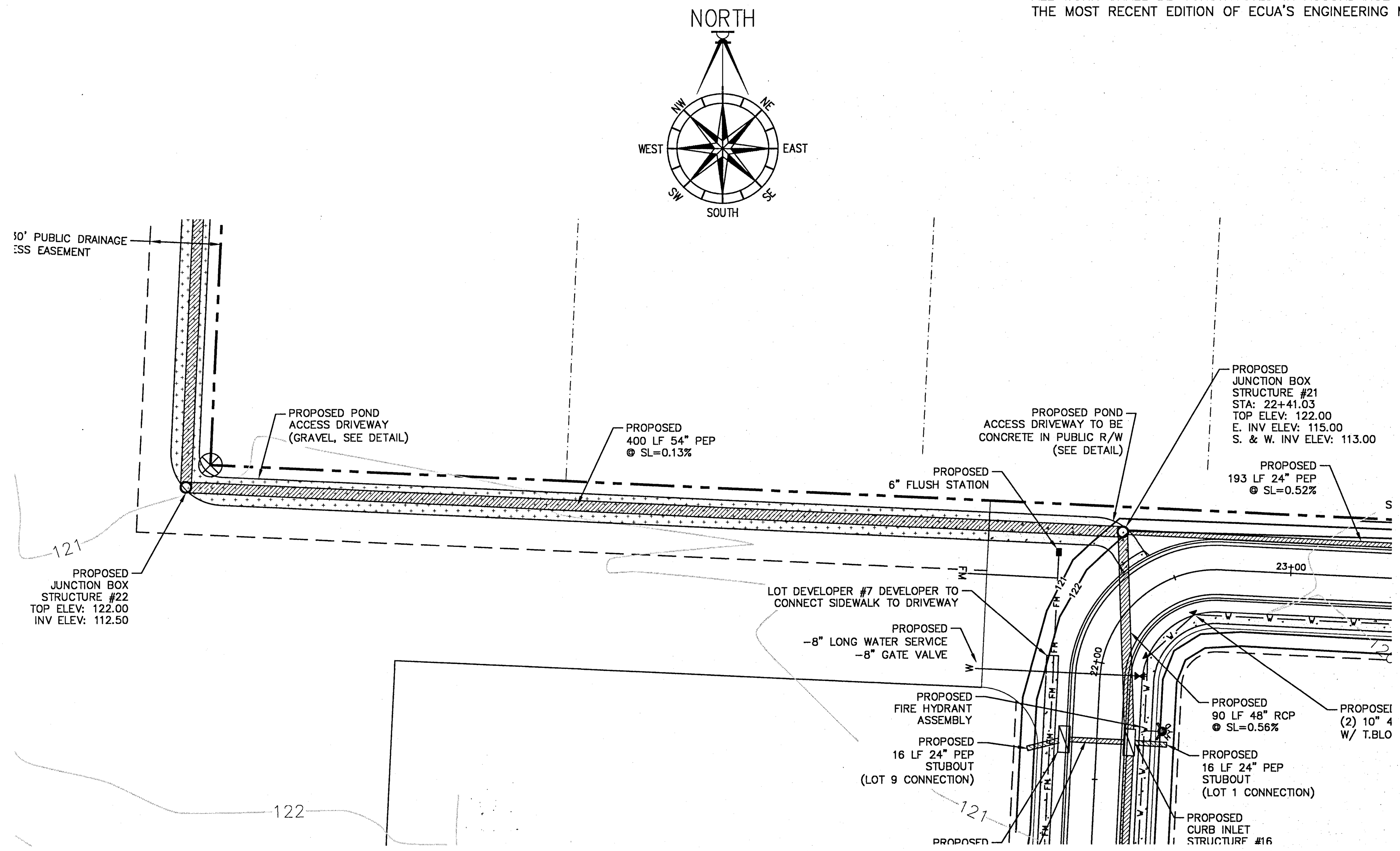
PLAN / PROFILE - MISC. STORMWATER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/8/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C23 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - MISC. STORMWATER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

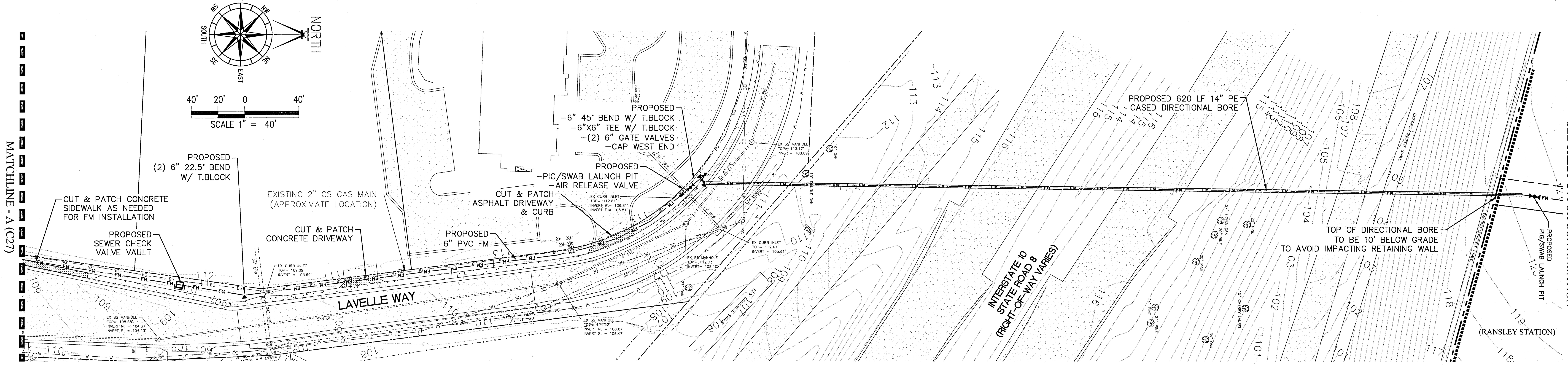
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

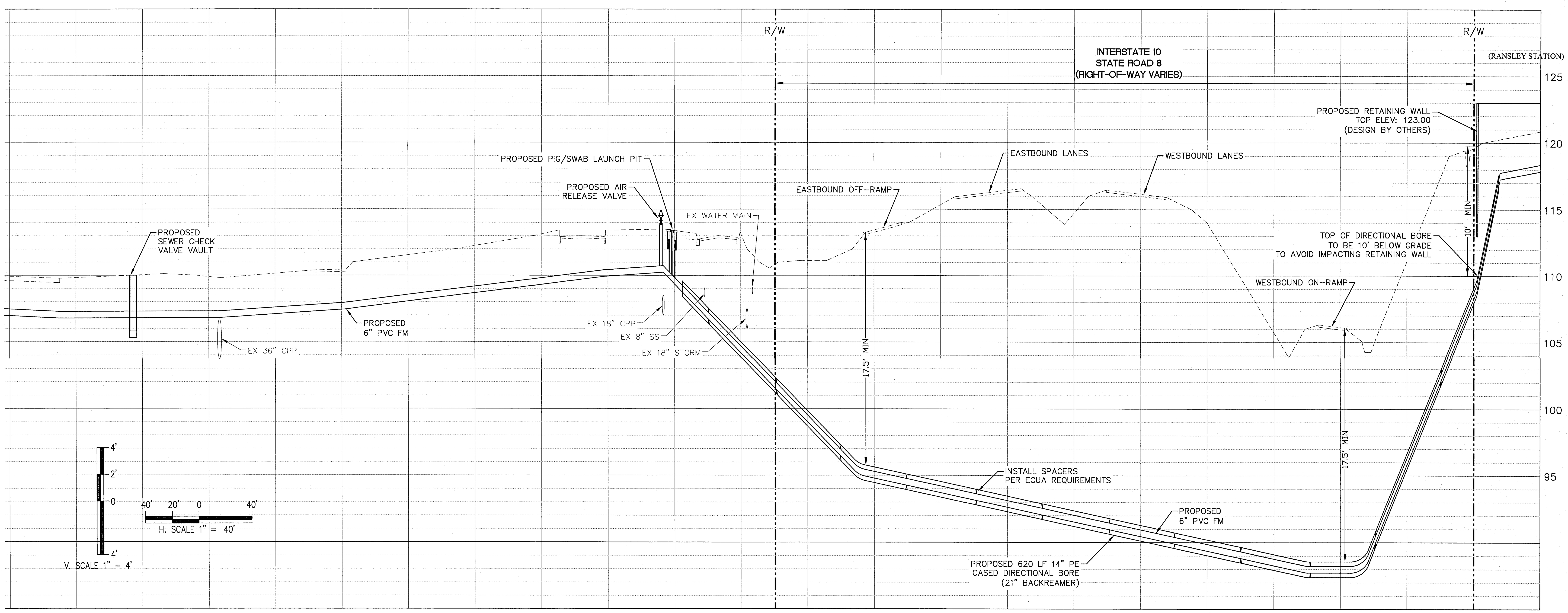
PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C24 of C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





OFFSITE SEWER NOTES:

1. EXISTING OFFSITE IMPROVEMENTS WERE DRAWN BASED ON ESCAMBIA COUNTY GIS MAPS. ALL LOCATIONS ARE APPROXIMATE.
2. EXISTING UTILITIES ARE APPROXIMATELY SHOWN AND ARE TO BE VERIFIED IN THE FIELD PRIOR TO INITIATING CONSTRUCTION.
3. ALL EXISTING IMPROVEMENTS (DRIVEWAYS, MAILBOXES, ETC.) TO BE DISTURBED ARE TO BE RESTORED TO PRE-CONSTRUCTION OR BETTER CONDITION.

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

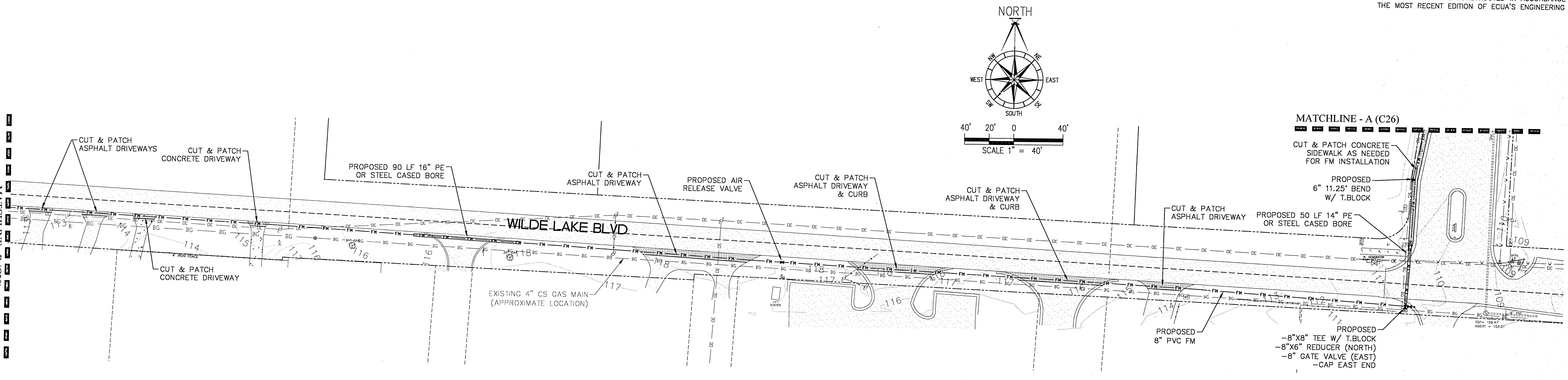
PLAN / PROFILE - OFFSITE SEWER

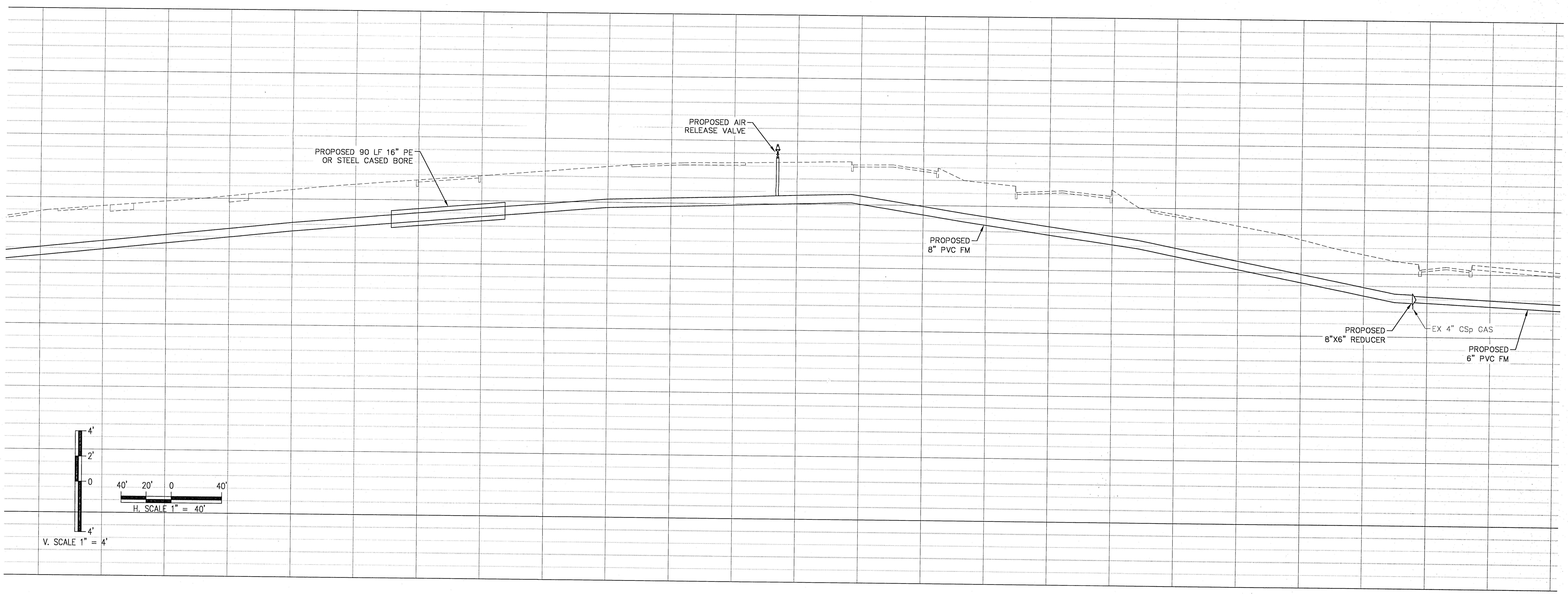
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47813 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041
PLOT DATE 8/12/21

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





OFFSITE SEWER NOTES:
1. EXISTING OFFSITE IMPROVEMENTS WERE DRAWN BASED ON ESCAMBIA COUNTY GIS MAPS. ALL LOCATIONS ARE APPROXIMATE.
2. EXISTING UTILITIES ARE APPROXIMATELY SHOWN AND ARE TO BE VERIFIED IN THE FIELD PRIOR TO INITIATING CONSTRUCTION.
3. ALL EXISTING IMPROVEMENTS (DRIVEWAYS, MAILBOXES, ETC.) TO BE DISTURBED ARE TO BE RESTORED TO PRE-CONSTRUCTION OR BETTER CONDITION.

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - OFFSITE SEWER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

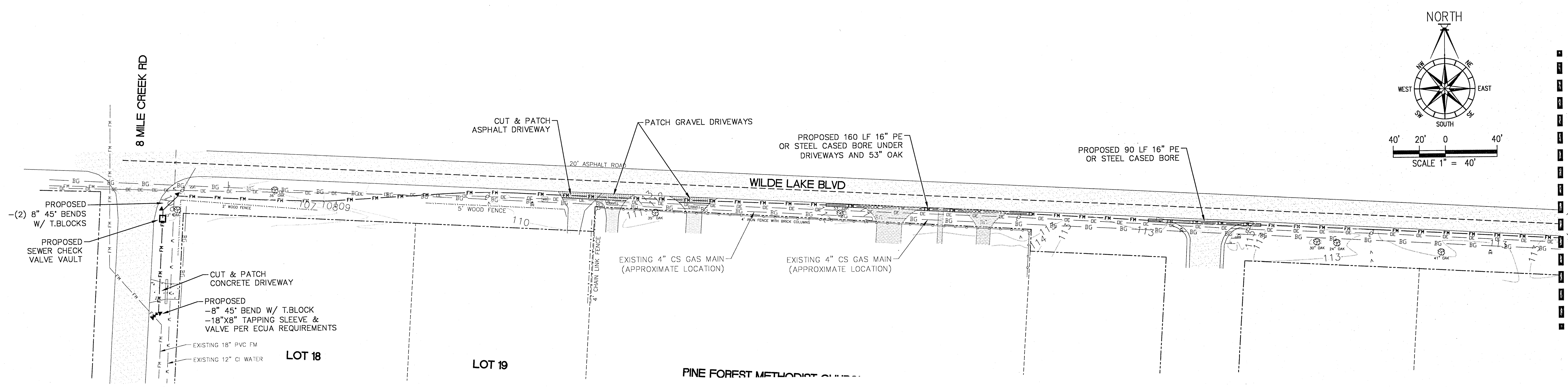
DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

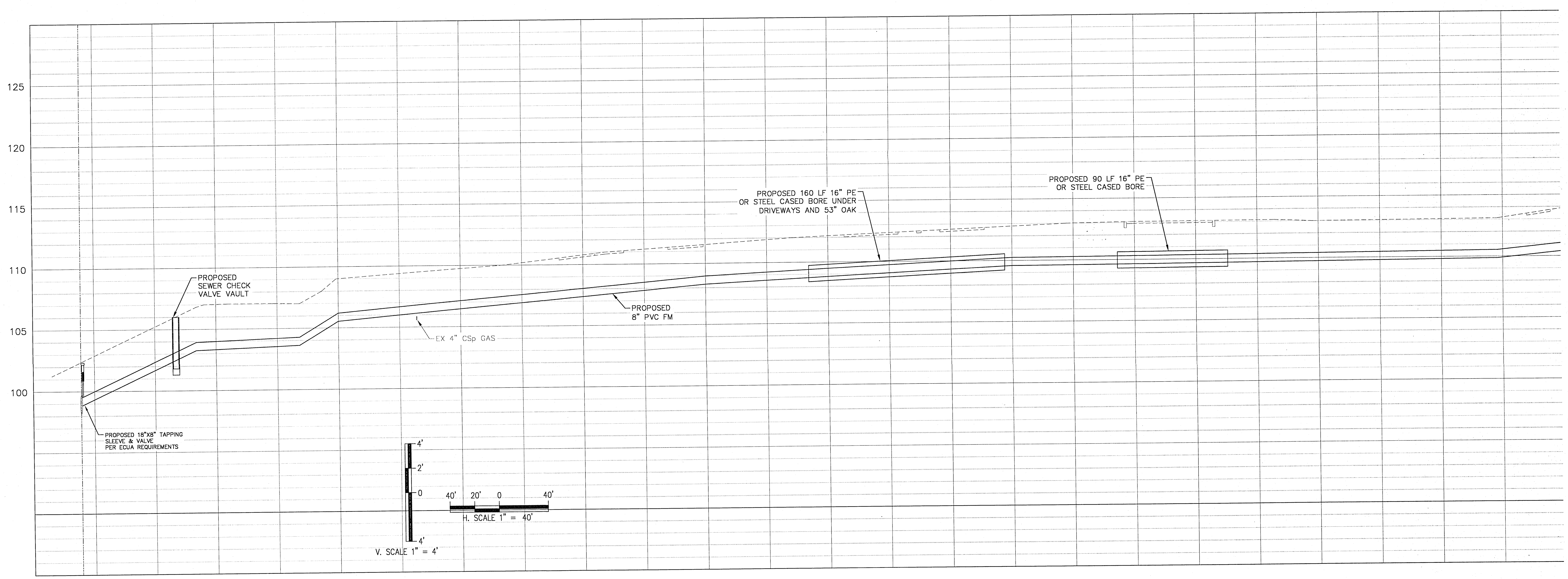
SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 57818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C26 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL





OFFSITE SEWER NOTES:

1. EXISTING OFFSITE IMPROVEMENTS WERE DRAWN BASED ON ESCAMBIA COUNTY GIS MAPS. ALL LOCATIONS ARE APPROXIMATE.
2. EXISTING UTILITIES ARE APPROXIMATELY SHOWN AND ARE TO BE VERIFIED IN THE FIELD PRIOR TO INITIATING CONSTRUCTION.
3. ALL EXISTING IMPROVEMENTS (DRIVEWAYS, MAILBOXES, ETC.) TO BE DISTURBED ARE TO BE RESTORED TO PRE-CONSTRUCTION OR BETTER CONDITION.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

PLAN / PROFILE - OFFSITE SEWER

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47813 STATE OF FLORIDA PROFESSIONAL ENGINEER

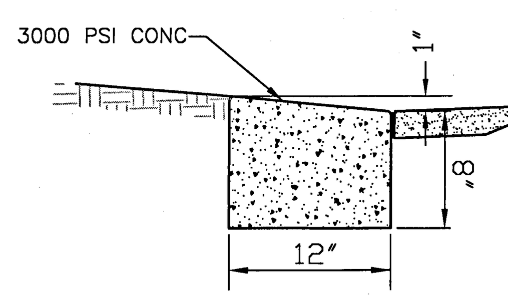
DATE

PROJECT NUMBER 19-041

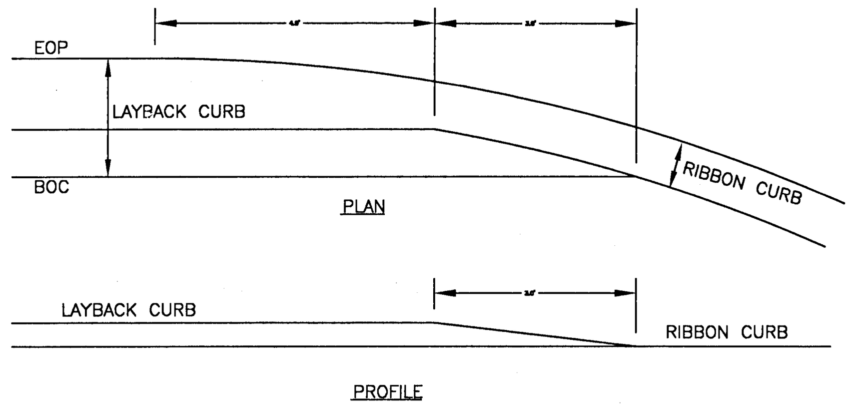
PLOT DATE 8/12/21

SHEET C27 OF C37

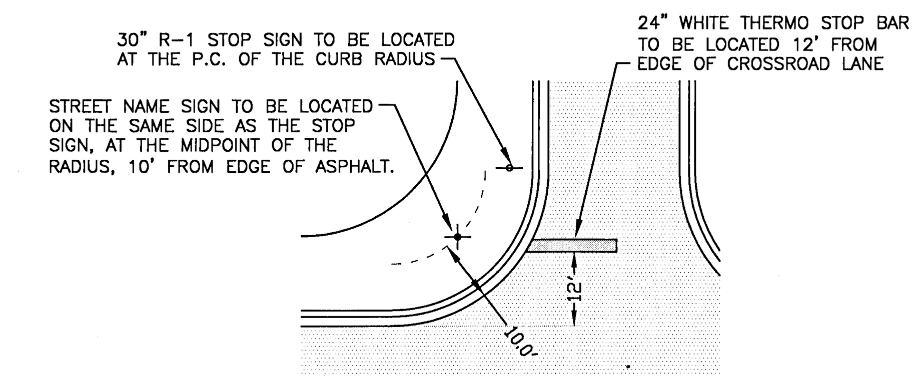
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



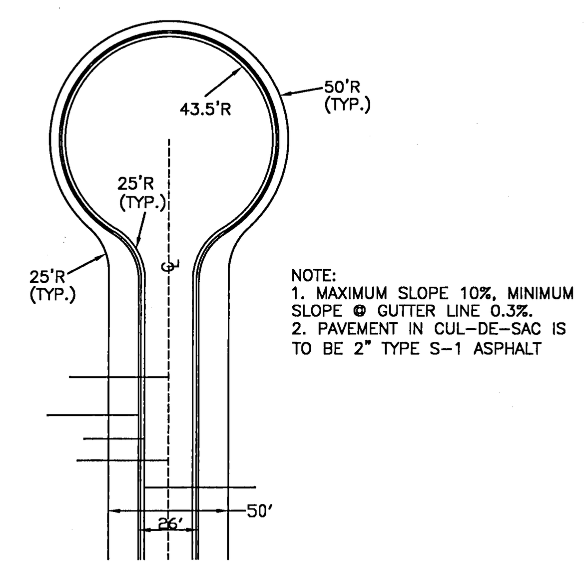
RIBBON CURB
NTS



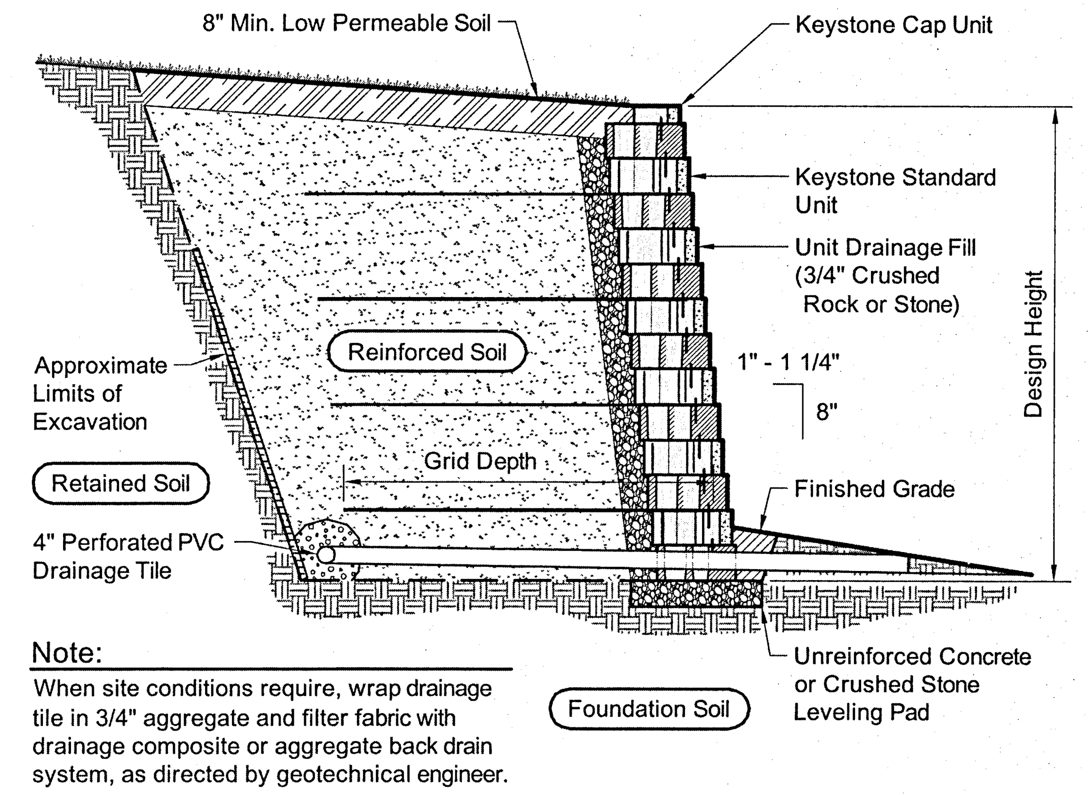
CURB TRANSITION DETAIL
NTS



INTERSECTION DETAIL
N.T.S.

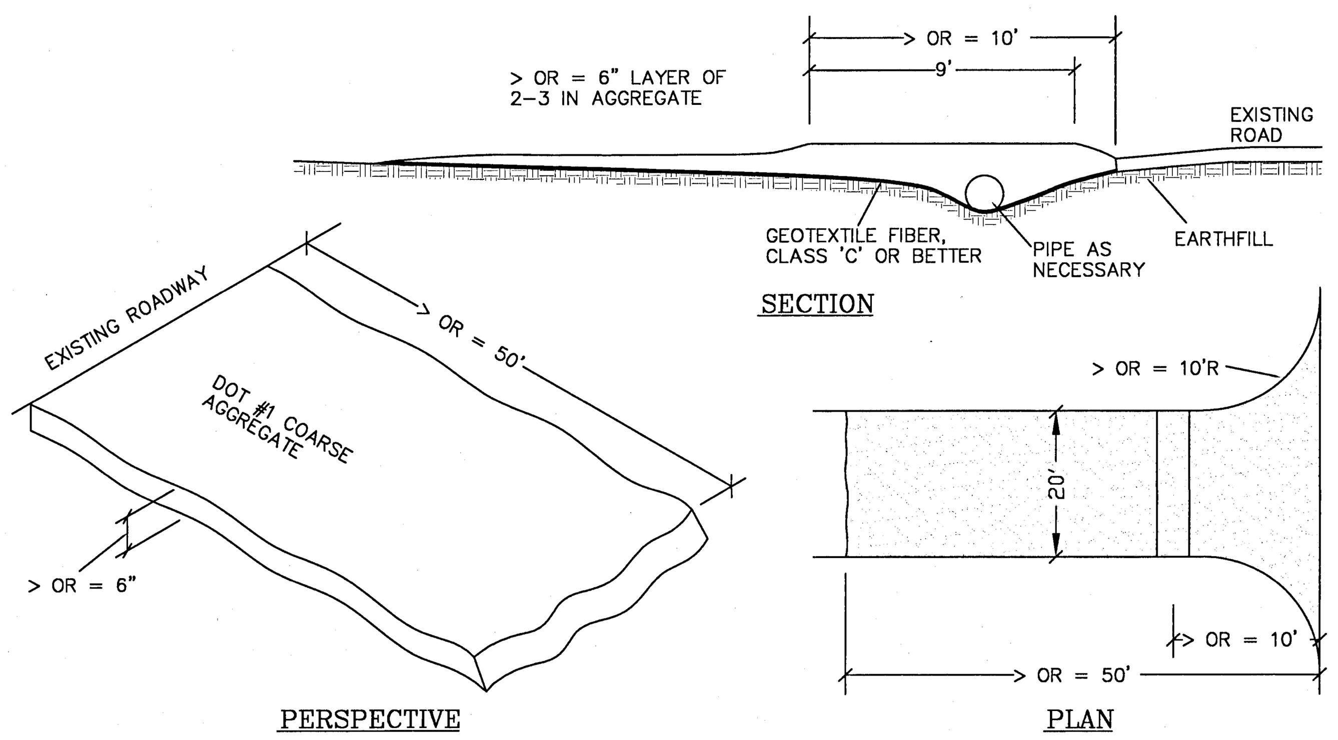


CUL-DE-SAC DETAIL
NTS

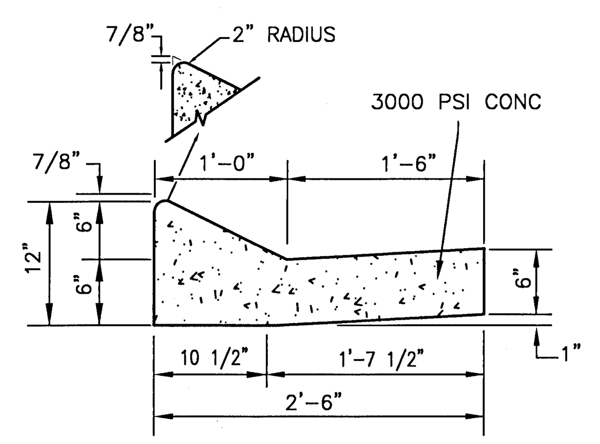


Typical Reinforced Wall Section
Standard Unit - 1" Setback

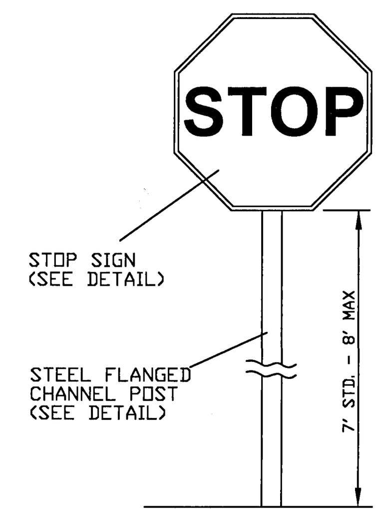
RETAINING WALL DETAIL
(OR EQUIVALENT, DESIGN BY OTHERS)
NTS



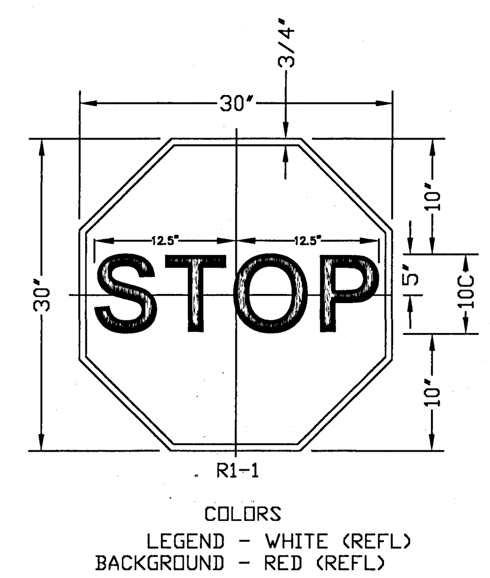
CONSTRUCTION ENTRANCE/EXIT PLAN VIEW
NTS



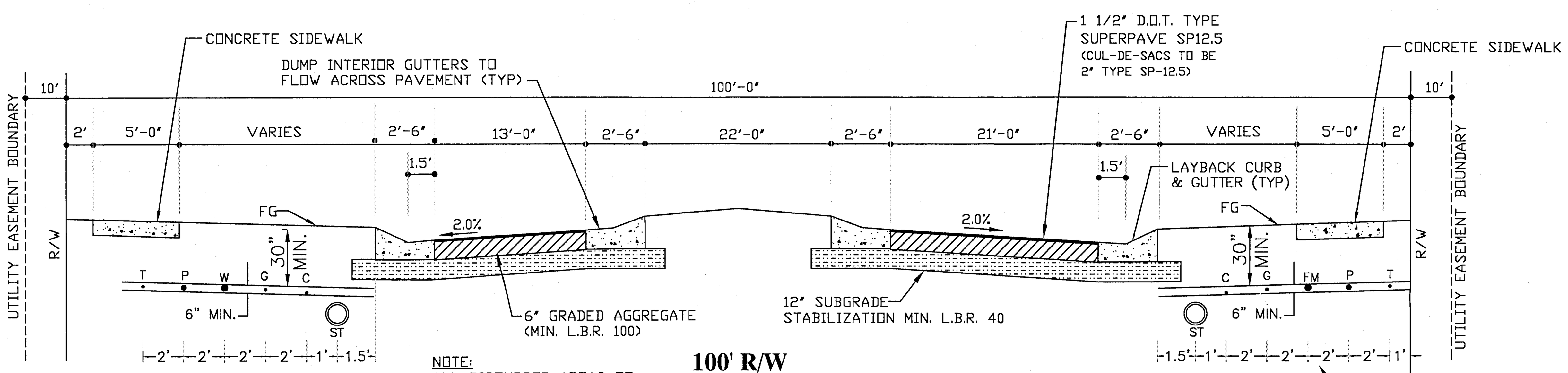
LAYBACK CURB & GUTTER
N.T.S.



SIGN MOUNTING HEIGHT DETAIL
N.T.S.



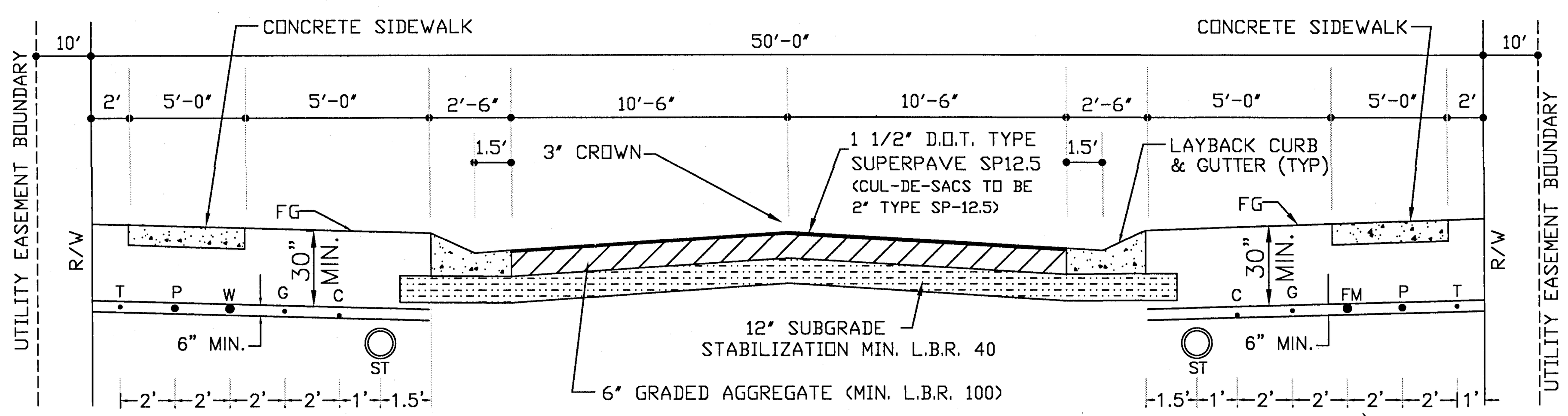
STOP SIGN DETAIL
N.T.S.



NOTE:
ALL DISTURBED AREAS TO BE SEEDED AND MULCHED

100' R/W

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



NOTE:
ALL DISTURBED AREAS TO BE SEEDED AND MULCHED

50' R/W

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

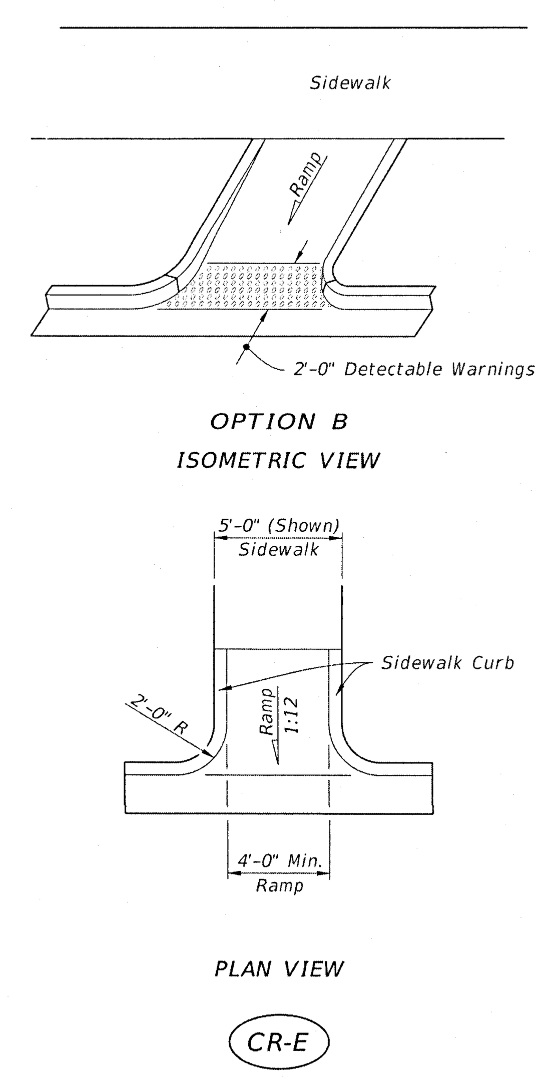
PAVEMENT SECTION NOTES:
1. ALL UNSUITABLE MATERIALS BENEATH THE ROAD REQUIRE EXCAVATION AND BACKFILL WITH READILY COMPACTABLE SOILS IN 8" LIFTS AND STABILIZED TO A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D1557);
2. 6" BASE REQUIRES A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D 1557).
3. 12" SUBGRADE REQUIRES A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D 1557)
4. CRUSHED LIMEROCK BASE FROM AN FDOT APPROVED SOURCE MAY BE USED INSTEAD OF GAB. ANY GAB MATERIAL SUBSTITUTION HAS TO GO THROUGH A SPECIAL APPROVAL BY THE COUNTY PROCESS.
5. SEE FDOT PERMIT PLANS FOR PAVEMENT SECTION WITHIN THE FDOT R/W.
6. A MINIMUM OF 2 FEET SEPARATION BETWEEN SHWT AND BASE BOTTOM IS REQUIRED FOR ALL ROADS.
7. CONTRACTOR IS TO MEET THE COMPACTION REQUIREMENTS STATED IN THIS DETAIL. THE GEOTECH REPORT MAY STATE LESSER COMPACTION REQUIREMENTS BUT DOES NOT MEET LOCAL MUNICIPALITY REQUIREMENTS.

UTILITY NOTES:
1. CONTRACTORS SHALL INSTALL EACH UTILITY SERVICE IN THE LOCATION AS SHOWN IN THE COMMON TRENCH DETAIL. SEE CONSTRUCTION PLANS/UTILITY ADDENDUMS TO DETERMINE WHICH SIDE OF THE R/W ACTUALLY RECEIVES THE UTLITY. SOME UTILITIES MAY ONLY BE ON ONE SIDE OF THE ROAD (I.E. WATER & FORCE MAIN).
2. ALL PROPOSED UNDERGROUND UTILITIES WITHIN THE RIGHT-OF-WAY SHALL BE INSTALLED PRIOR TO PAVING. NO STREETS UNDER THE TWO YEAR WARRANTY WILL BE ALLOWED TO BE OPEN-CUT OR JACK AND BORED. TO ACCOMPLISH THIS REQUIREMENT, COMMON TRENCHING IS REQUIRED. COMMON TRENCHING SHALL NOT TAKE PLACE UNTIL ALL ROW ROUGH GRADES HAVE BEEN ESTABLISHED TO ENSURE PROPER UTILITY DEPTHS. 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.
3. ALL UTILITIES WITHIN THE RIGHT OF WAY SHALL HAVE A MINIMUM COVER OF 30 INCHES FROM FINISHED GRADE.

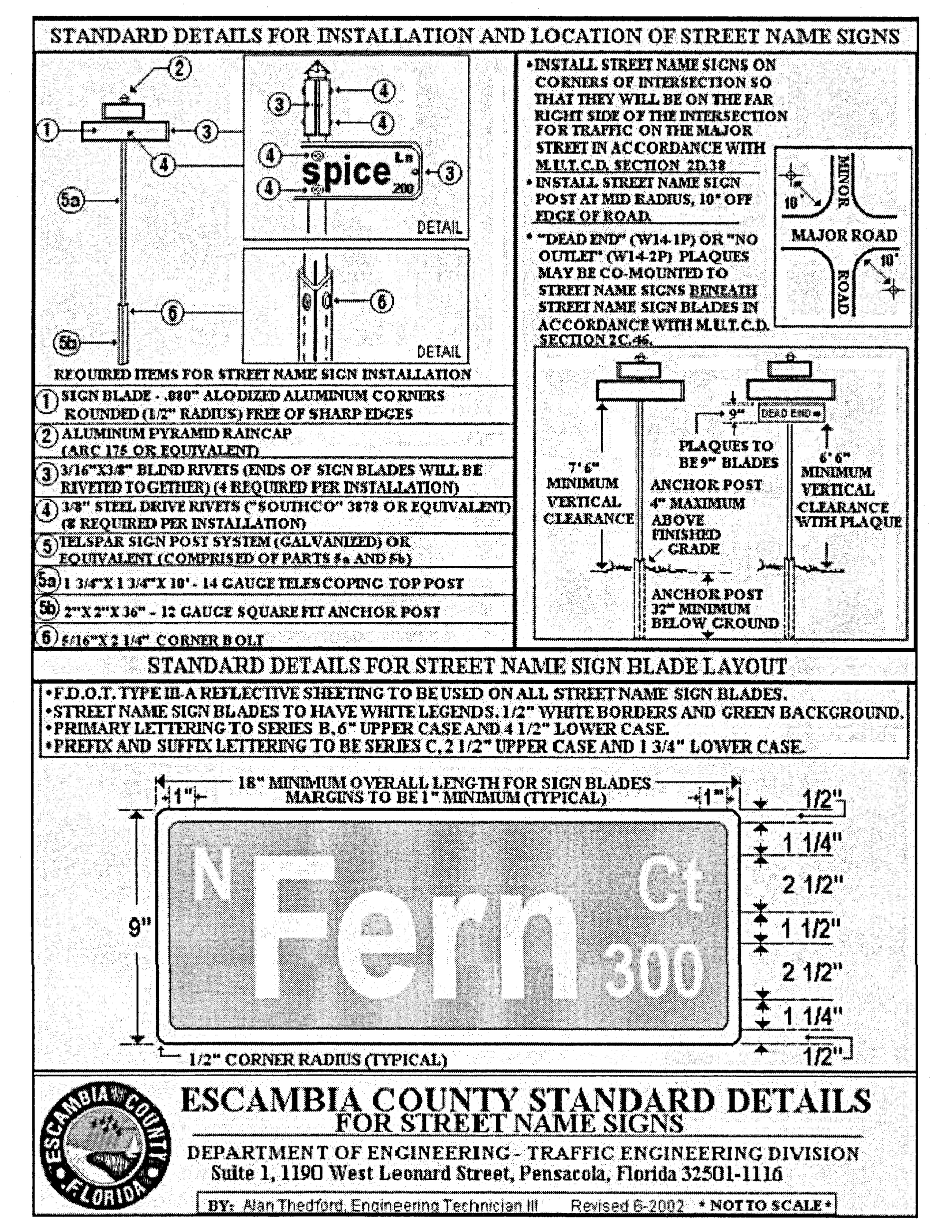
LEGEND:

R/W	RIGHT-OF-WAY
FG	FINISHED GRADE
CL	CENTERLINE
W	WATER
SS	SANITARY SEWER
FM	FORCE MAIN
G	GAS MAIN
ST	STORM SEWER
P	UNDERGROUND POWER
T	UNDERGROUND TELEPHONE CABLE
C	UNDERGROUND TELEVISION CABLE

COMMON TRENCH DETAIL/ROAD CROSS SECTIONS
NOT TO SCALE

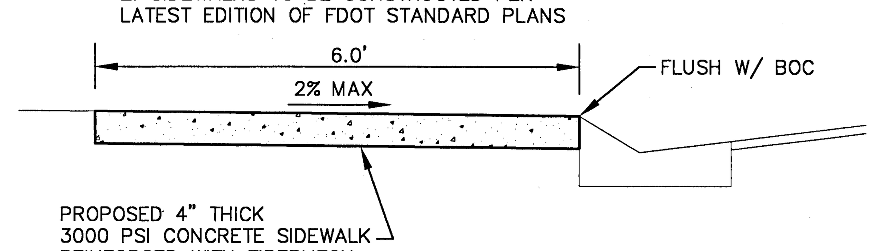


CURB RAMP DETAIL
NOT TO SCALE



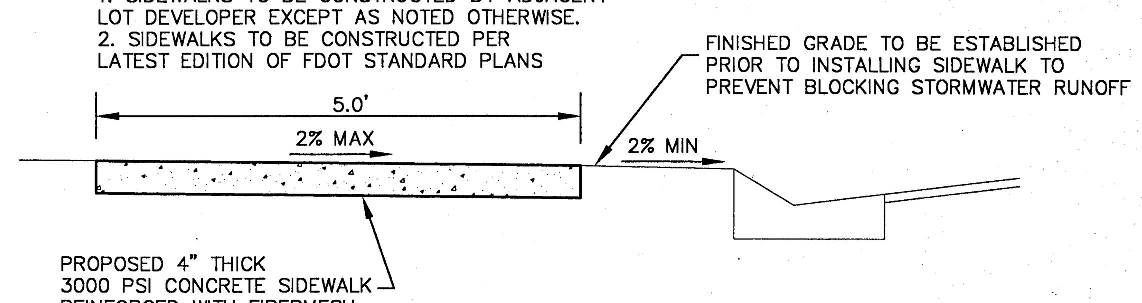
STREET SIGN DETAIL
NTS

NOTES:
1. SIDEWALKS TO BE CONSTRUCTED BY ADJACENT LOT DEVELOPER EXCEPT AS NOTED OTHERWISE.
2. SIDEWALKS TO BE CONSTRUCTED PER LATEST EDITION OF FDOT STANDARD PLANS



SIDEWALK DETAIL (CUL-DE-SACS)
NOT TO SCALE

NOTES:
1. SIDEWALKS TO BE CONSTRUCTED BY ADJACENT LOT DEVELOPER EXCEPT AS NOTED OTHERWISE.
2. SIDEWALKS TO BE CONSTRUCTED PER LATEST EDITION OF FDOT STANDARD PLANS



SIDEWALK DETAIL (ROADWAYS)
NOT TO SCALE

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

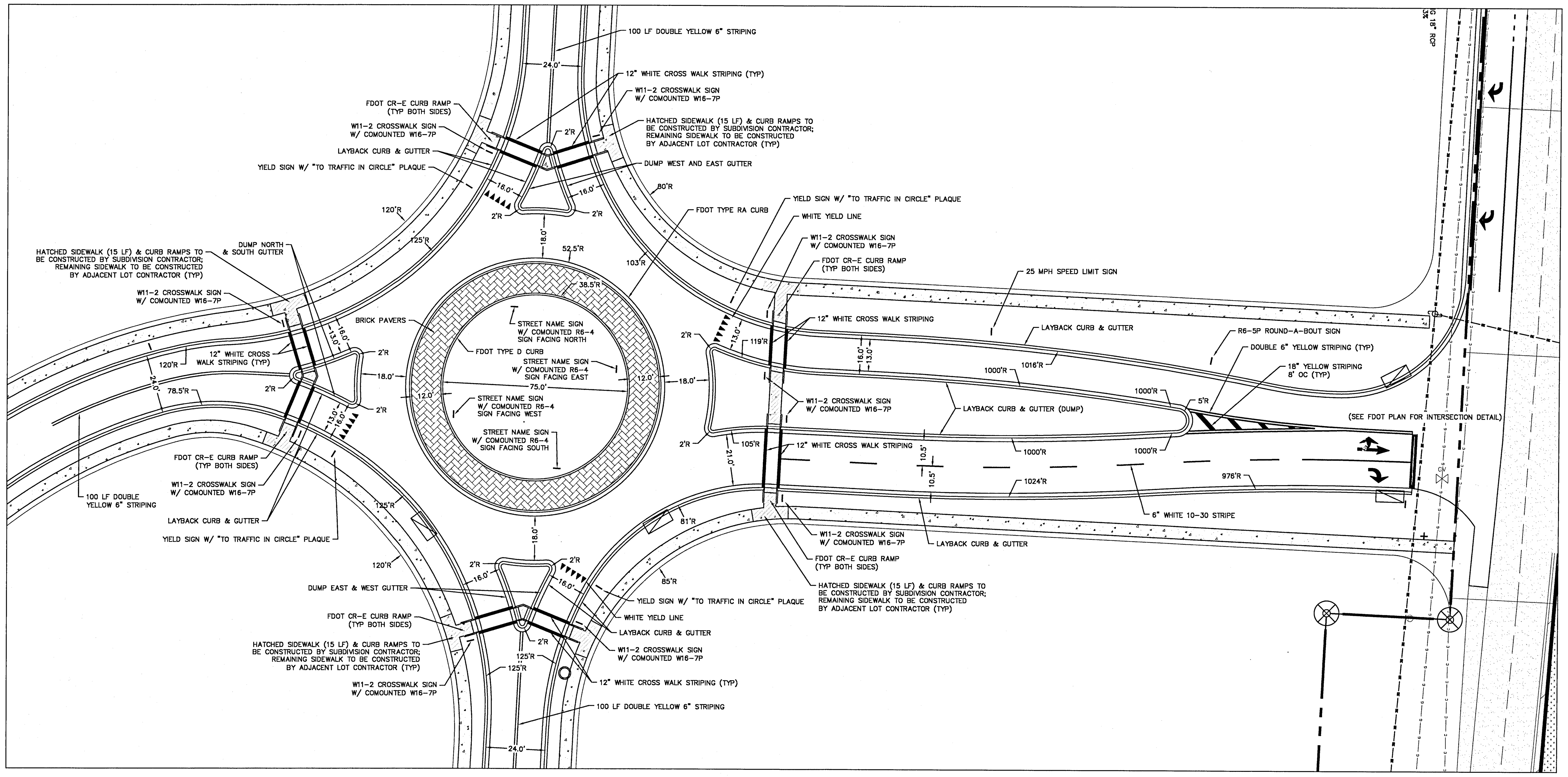
RANSLEY STATION

ROAD DETAILS

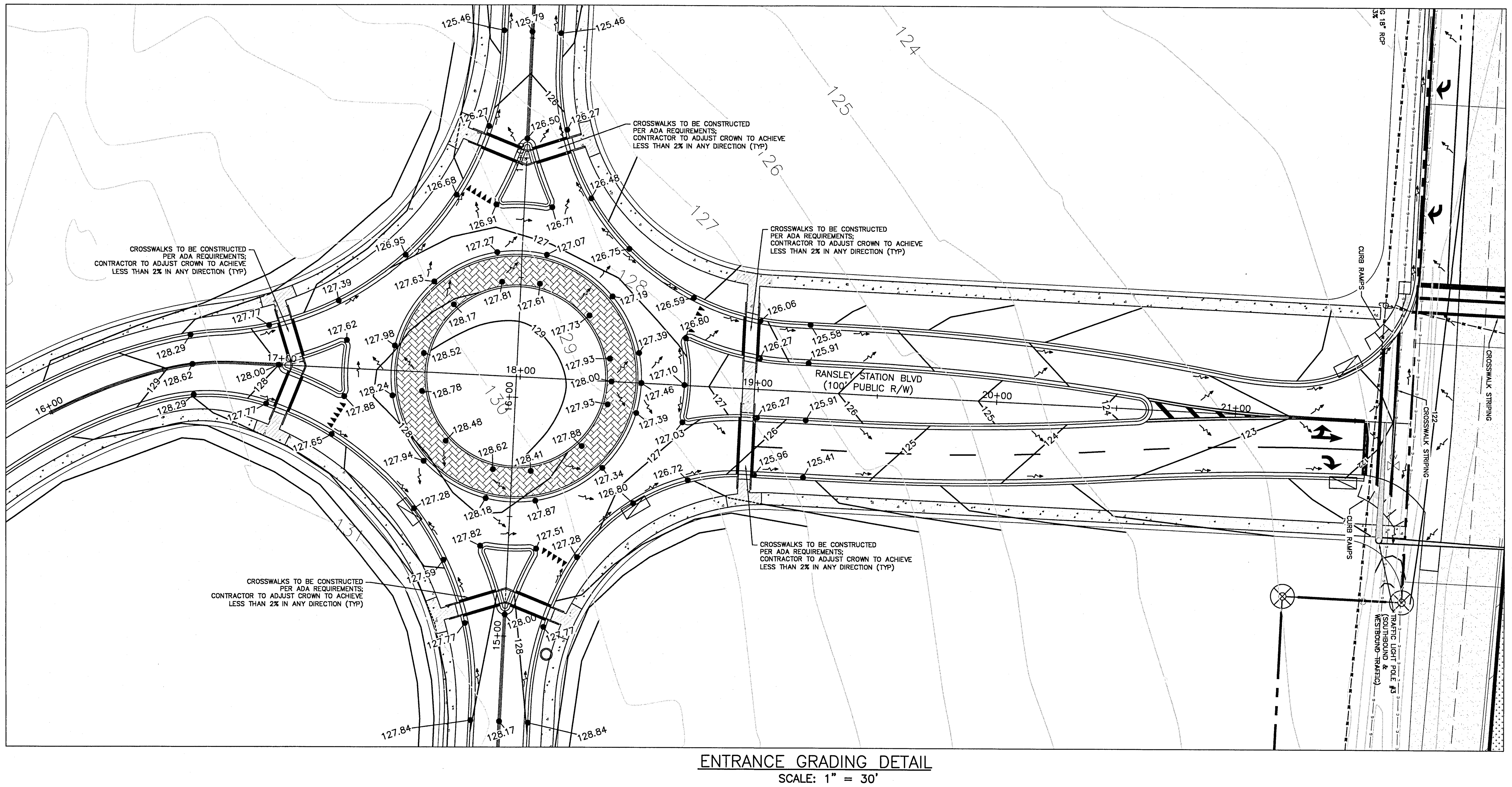
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER
DATE:
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C28 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



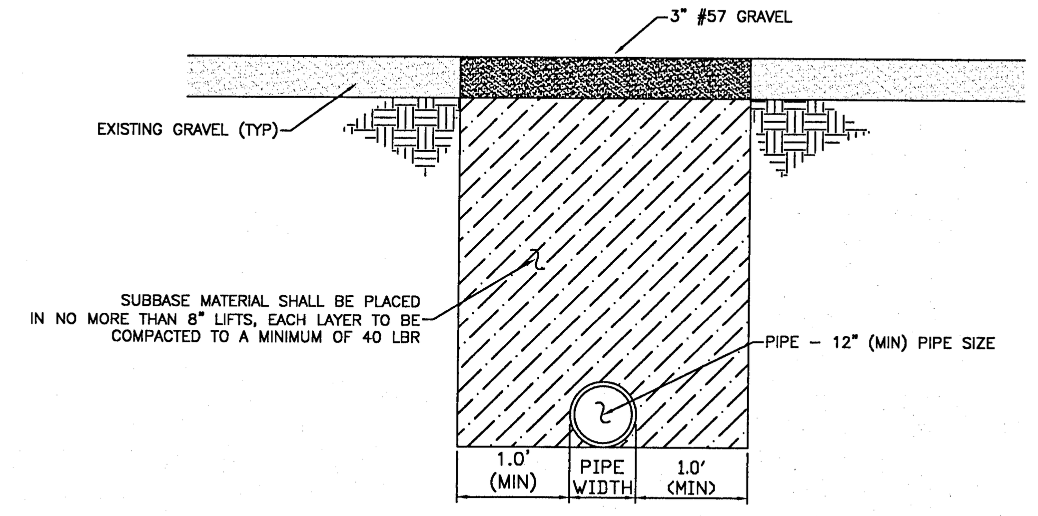
ENTRANCE DIMENSION DETAIL
SCALE: 1" = 30'



ENTRANCE GRADING DETAIL
SCALE: 1" = 30'

NOTES:

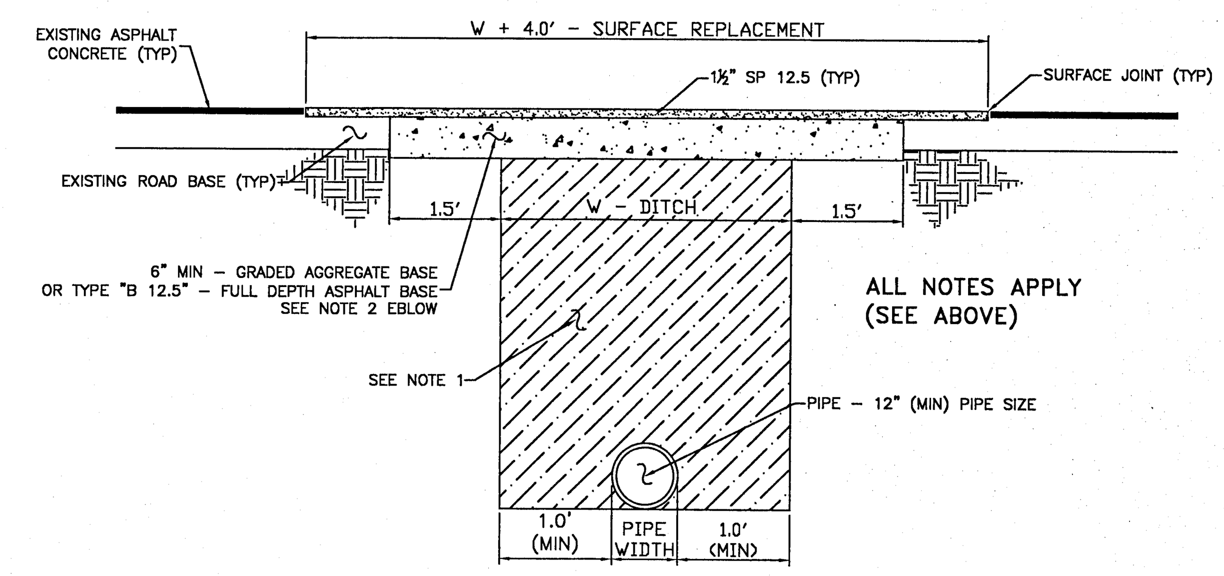
1. GRAVEL DRIVEWAYS IMPACTED WILL BE RESTORED TO EXISTING OR BETTER CONDITION
2. SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 8" LIFTS. EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBR.



GRAVEL PATCH DETAIL
FOR PATCHES 24" WIDE OR GREATER
NOT TO SCALE

NOTES:

1. DIRT ROAD PATCH WORK SUB BASE MATERIAL SHALL BE PLACED IN NOT MORE THAN 8" LIFTS. EACH LAYER TO BE TAMPED TO A MINIMUM OF 40 LBR.
2. GRADED AGGREGATE BASE SHALL BE COMPACTED TO A MIN LBR 100.
3. ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAVEMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.
4. LONGITUDINAL ROAD CUTS THAT AFFECT ONE TRAVEL LANE SHALL REQUIRE MILLING AND REPAVING OF THE AFFECTED TRAVEL LANE 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL. LONGITUDINAL ROAD CUTS THAT AFFECT BOTH TRAVEL LANES SHALL REQUIRE MILLING AND REPAVING OF THE ENTIRE ROADWAY 5.0' BEYOND THE CUT AND PATCHED WITH THE SAME BASE MATERIAL.



ASPHALT PATCH DETAIL
FOR PATCHES 24" WIDE OR GREATER

PERMIT SET
NOT RELEASED FOR CONSTRUCTION

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

ROAD DETAILS

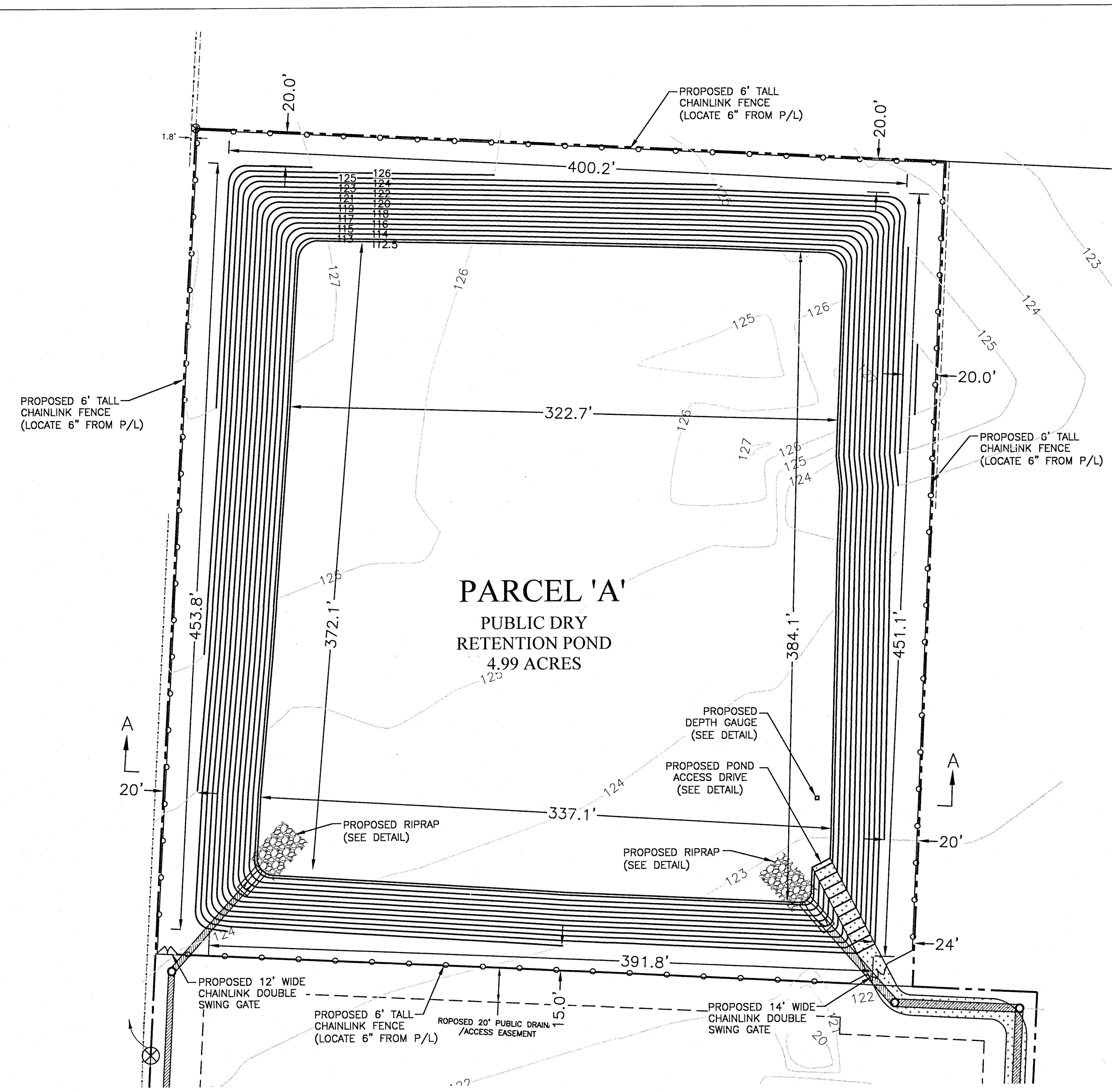
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

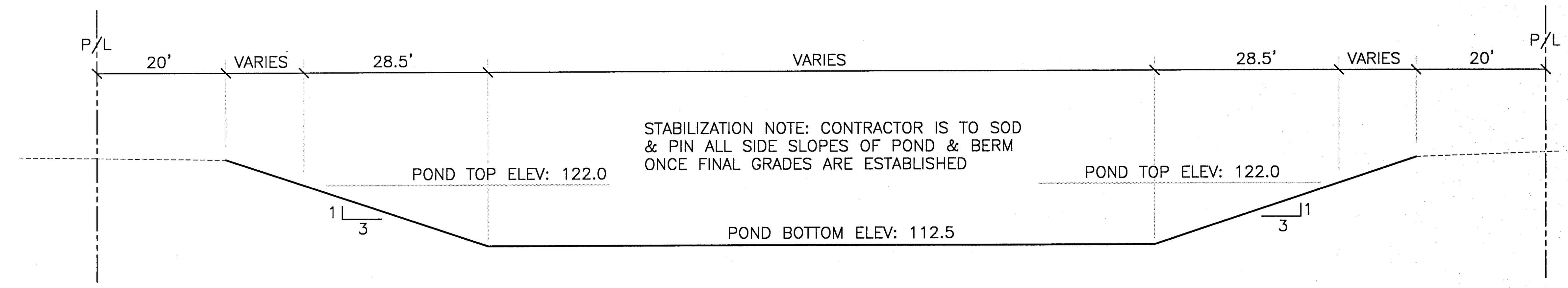
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER 8/13/21

DATE
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C29 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

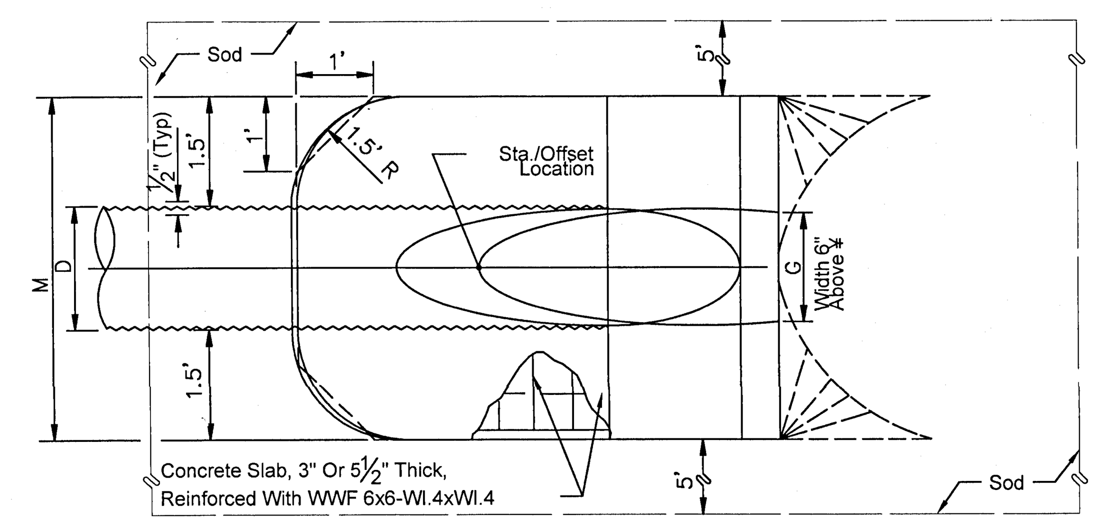


DRY RETENTION POND DETAIL
SCALE: 1"=50'

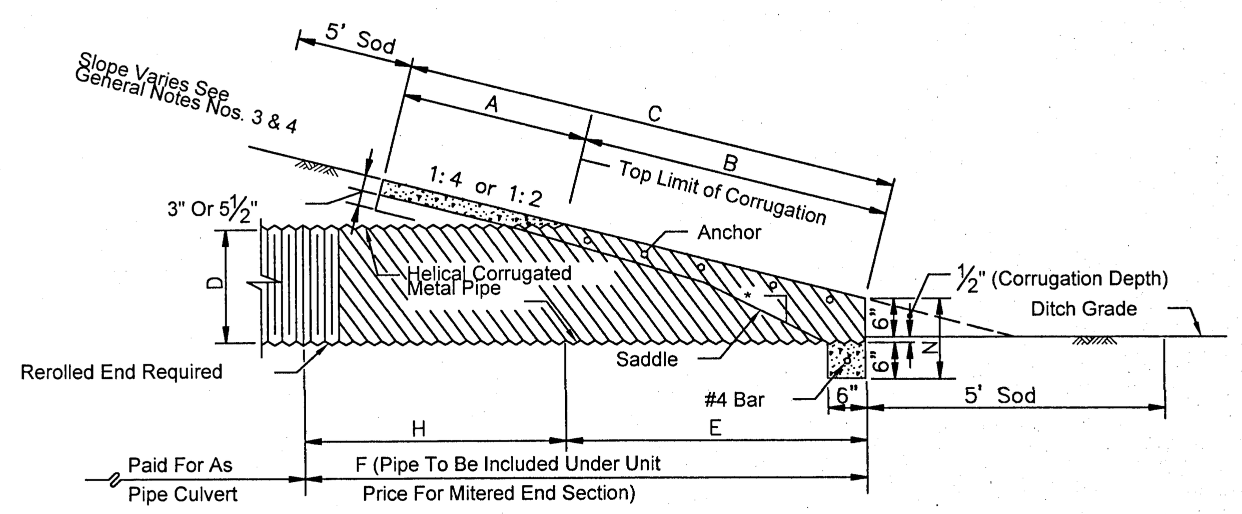


SECTION A–A
NTS

MES DIMENSIONS AND QUANTITIES														
	D	X	A	B	C	E	F	G	H ?	M				N
										Single Pipe	Double Pipe	Triple Pipe	Quad. Pipe	
1:2 Slope	15"	2'–7"	2.5'	1.68'	4.18'	1.5'	5.0'	1.23'	3.5'	4.33'	6.92'	9.50'	12.08'	1.04'
	18"	2'–10"	2.5'	2.24'	4.74'	2.0'	6.0'	1.41'	4'	4.58'	7.42'	10.25'	13.08'	1.04'
	24"	3'–5"	2.5'	3.35'	5.85'	3.0'	7.0'	1.73'	4'	5.08'	8.50'	11.92'	15.33'	1.04'
	30"	4'–3"	2.5'	4.47'	6.97'	4.0'	8.0'	2.00'	4'	5.58'	9.83'	14.08'	18.33'	1.04'
	36"	5'–1"	2.5'	5.59'	8.09'	5.0'	9.0'	2.24'	4'	6.08'	11.17'	16.25'	21.33'	1.04'
	42"	6'–0"	2.5'	6.71'	9.21'	6.0'	10.0'	2.45'	4'	6.58'	12.58'	18.58'	24.58'	1.04'
	48"	6'–9"	2.5'	7.83'	10.33'	7.0'	11.0'	2.65'	4'	7.08'	13.83'	20.58'	27.33'	1.04'
	54"	7'–8"	2.5'	8.94'	11.44'	8.0'	12.0'	2.83'	4'	7.58'	15.25'	22.92'	30.58'	1.04'
	60"	8'–6"	2.5'	10.06'	12.56'	9.0'	13.0'	3.00'	4'	8.08'	16.58'	25.08'	33.58'	1.04'
1:4 Slope	15"	2'–7"	2.5'	3.09'	5.59'	3.0'	7.0'	1.23'	4'	4.33'	6.92'	9.50'	12.08'	1.04'
	18"	2'–10"	2.5'	4.12'	6.62'	4.0'	8.0'	1.41'	4'	4.58'	7.42'	10.25'	13.08'	1.04'
	24"	3'–5"	2.5'	6.18'	8.68'	6.0'	10.0'	1.73'	4'	5.08'	8.50'	11.92'	15.33'	1.04'
	30"	4'–3"	2.5'	8.25'	10.75'	8.0'	12.0'	2.00'	4'	5.58'	9.83'	14.08'	18.33'	1.04'
	36"	5'–1"	2.5'	10.31'	12.81'	10.0'	14.0'	2.24'	4'	6.08'	11.17'	16.25'	21.33'	1.04'
	42"	6'–0"	2.5'	12.37'	14.87'	12.0'	16.0'	2.45'	4'	6.58'	12.58'	18.58'	24.58'	1.04'
	48"	6'–9"	2.5'	14.43'	16.93'	14.0'	18.0'	2.65'	4'	7.08'	13.83'	20.58'	27.33'	1.04'
	54"	7'–8"	2.5'	16.49'	18.99'	16.0'	20.0'	2.83'	4'	7.58'	15.25'	22.92'	30.58'	1.04'
	60"	8'–6"	2.5'	18.55'	21.05'	18.0'	22.0'	3.00'	4'	8.08'	16.58'	25.08'	33.58'	1.04'



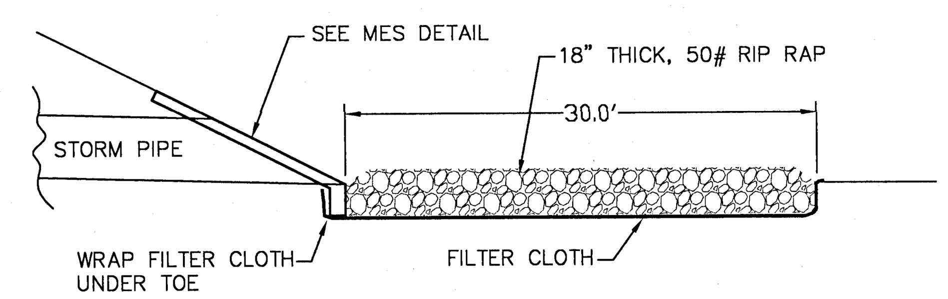
TOP VIEW



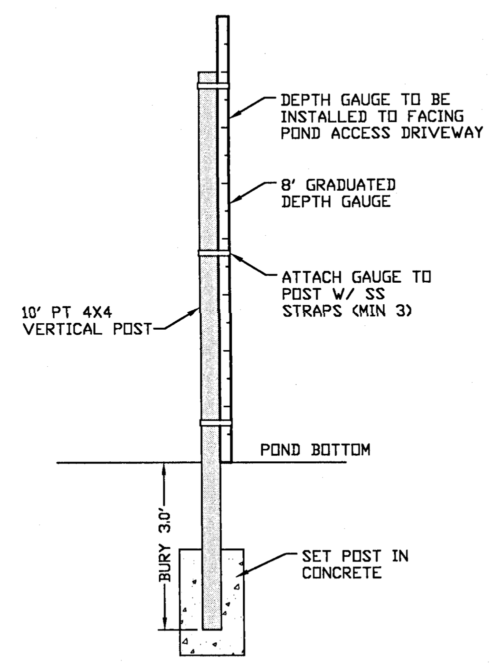
SECTION

NOTE: MES SHALL NOT BE CONSTRUCTED OF PVC (A2000) OR HDPE (ADS) PIPE. USE ONLY CONCRETE OR METAL MITERED END SECTIONS AS INDICATED IN FDOT STANDARD SPECIFICATIONS 430-4.6. WHEN USE IN CONJUNCTION WITH CORRUGATED MES, CONNECTION SHALL BE BY EITHER A FORMED METAL BAND SPECIFICALLY DESIGNED TO JOIN HDPE OR PVC PIPE. WHEN USED IN CONJUNCTION WITH A CONCRETE MES, CONNECTION SHALL BE BY CONCRETE JACKET CONSTRUCTED IN ACCORDANCE WITH FDOT STANDARD PLAN INDEX 430-001.

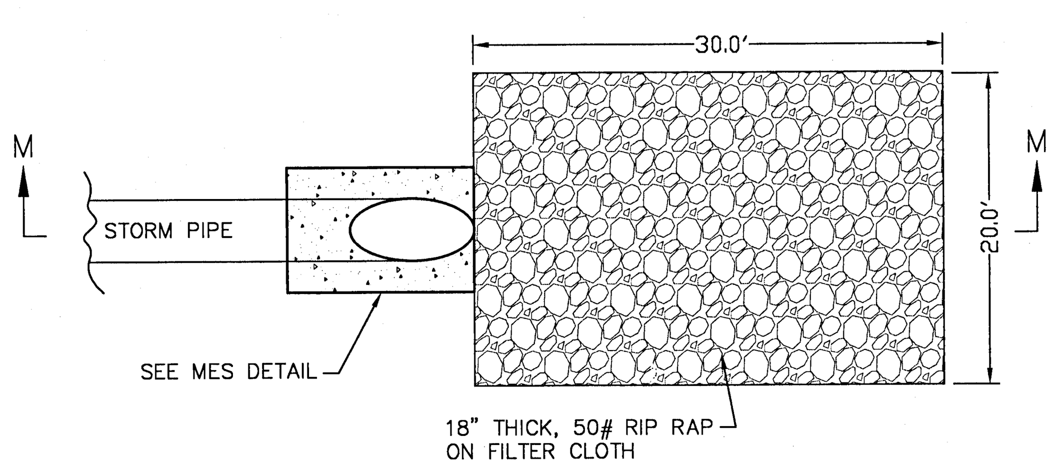
FDOT MES DETAIL
NTS



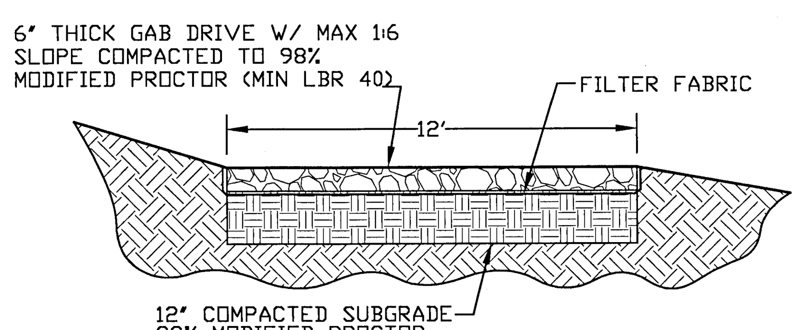
SECTION M–M
NTS



DEPTH GAUGE DETAIL
NTS



RIPRAP DETAIL
NTS



POND ACCESS DETAIL
NTS

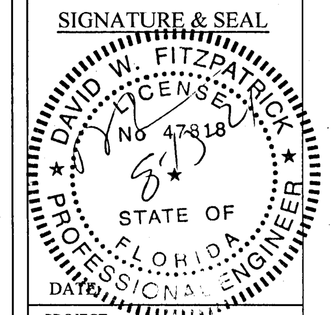
DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
11050 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

RETENTION POND DETAILS

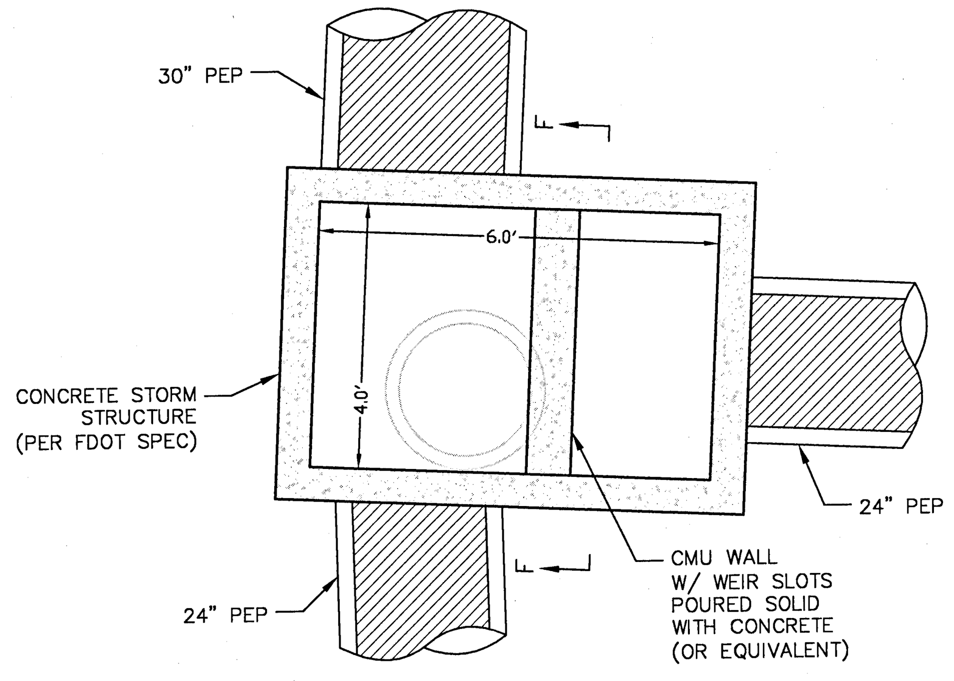
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL

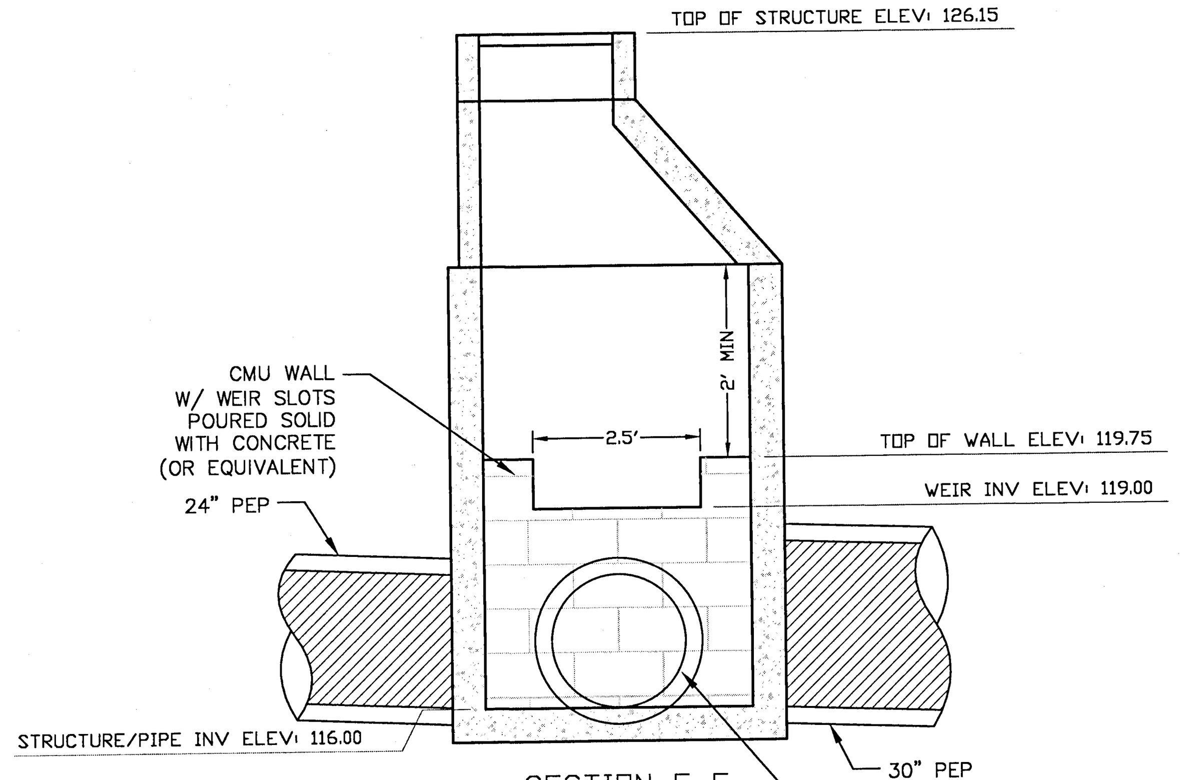


PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C30 OF C37

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

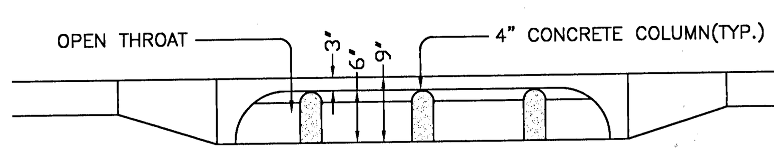


SMART BOX STRUCTURE #6 DETAIL
NTS

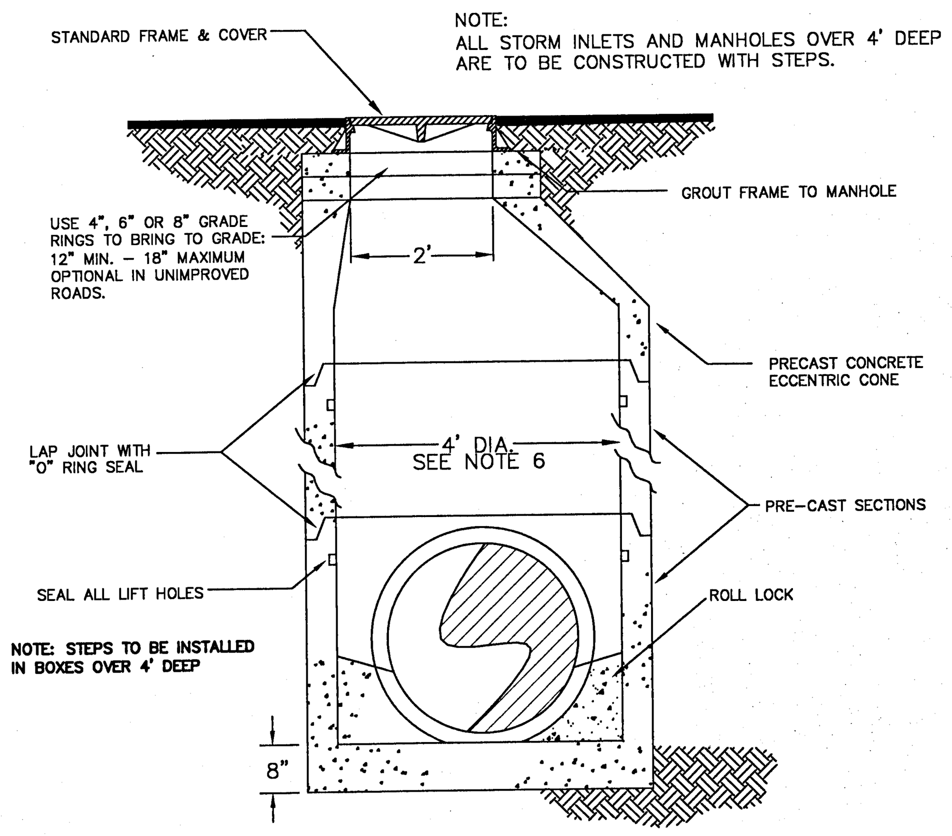


SECTION F-F
NTS

NOTE: ALL INLETS ARE TO UTILIZE SILT SAVERS FRAME AND FILTER ASSEMBLY.

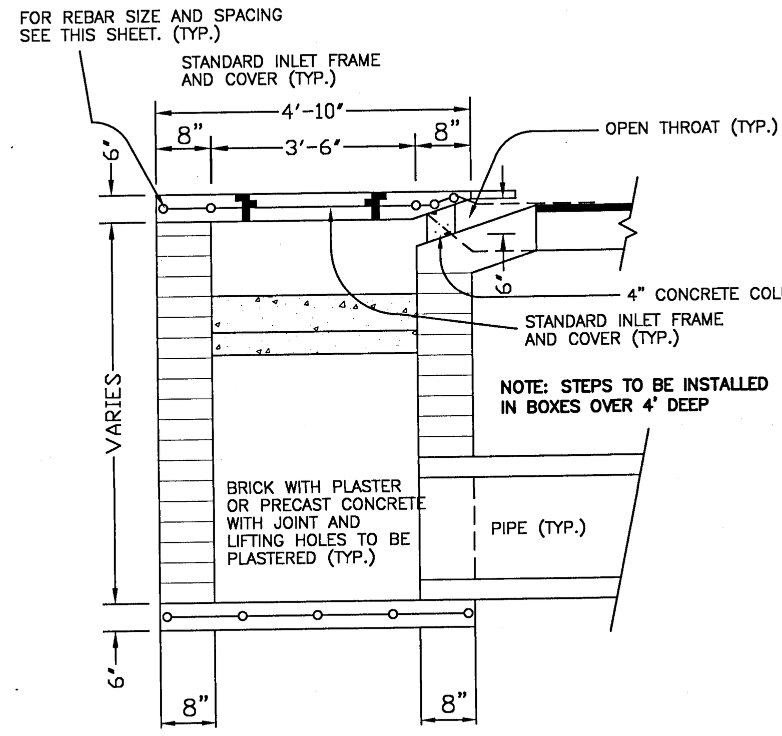


THROAT ELEVATION
NTS

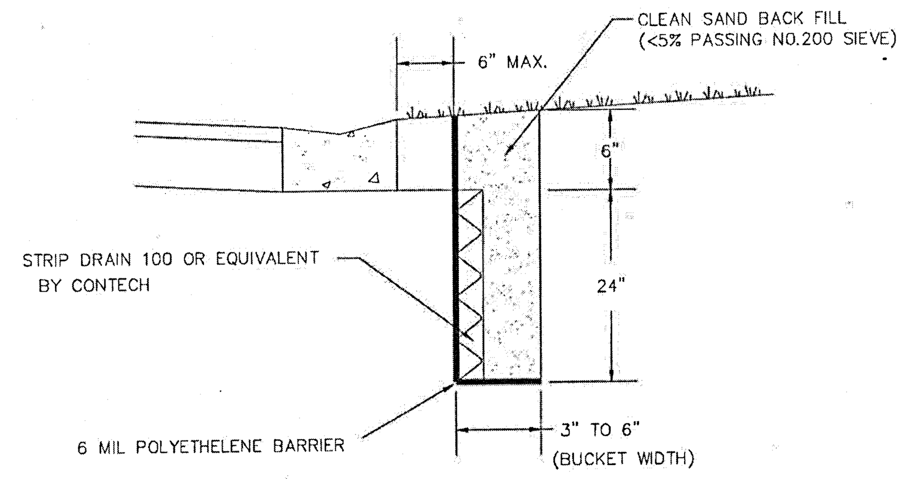


STANDARD JUNCTION BOX
NTS

JUNCTION BOX NOTES:
1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS.
2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS PERMITTED.
5. CONCRETE TO BE 2500 P.S.I., REINFORCING STEEL TO BE A.S.T.M. A 615 GRADE 60.
6. FRAME AND COVER SHALL BE VULCAN 1337-2 (ASTM SPEC. A-48, CLASS 30 CAST IRON) OR APPROVED EQUAL. REFER TO SPECIFICATIONS
7. CONTRACTOR IS CAUTIONED TO DETERMINE IF A 4' DIAMETER MANHOLE IS LARGE ENOUGH TO CONTAIN SOME OF THE LARGER PIPES OR CONFIGURATIONS. IT MAY BE NECESSARY TO PROVIDE A LARGER DIAMETER JUNCTION BOX. RECTANGULAR JUNCTION BOXES ARE ACCEPTABLE PROVIDED THEY MEET ESCAMBIA COUNTY REQUIREMENTS AND FDOT SPEC.

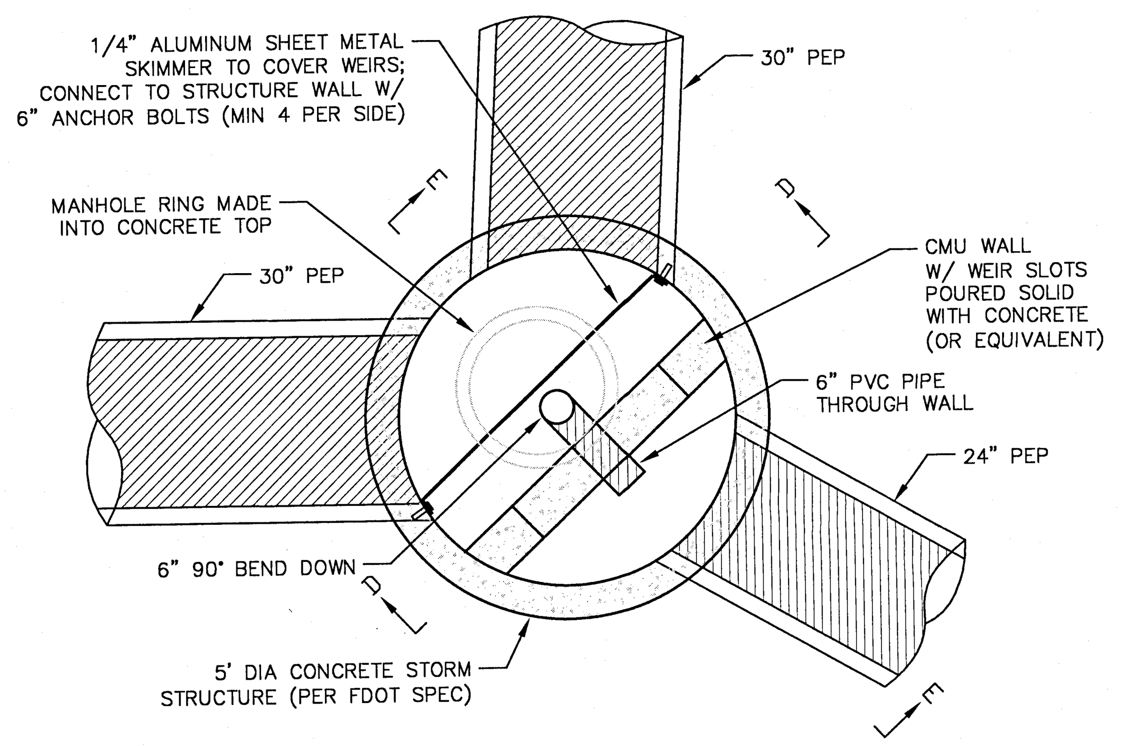


SECTION "B-B"
NTS



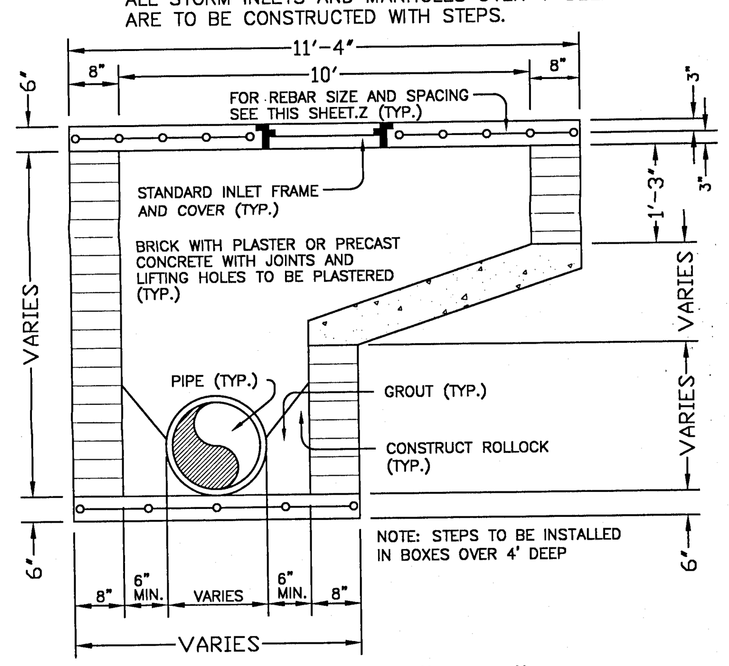
NOTES
1) SAND BACKFILL MATERIAL FOR TRENCH TO HAVE LESS THAN OR EQUAL TO 5% PASSING NO. 200 SIEVE.
2) ALL STRIPDRAIN SPLICES TO BE APPROVED BY GEOTECHNICAL ENGINEER OF RECORD PRIOR TO BEGINNING OF FIELD WORK.
3) STRIPDRAIN INSTALLATION TO BE SUPERVISED BY GEOTECHNICAL ENGINEER OF RECORD OR HIS REPRESENTATIVE, AT ALL TIMES
4) POLYETHELENE BARRIER TO OVERLAP 2 FEET AT ALL VERTICAL EDGES.
5) PROVIDED CLEANOUT STRUCTURES EVERY 300 LINEAL LENGTH AND AT ENDS OF STRIP DRAINS
6) SLOPE STRIP DRAINS TO DAYLIGHT OR TO STORM DRAINAGE SYSTEM

ROADSIDE UNDERDRAIN DETAIL
NTS

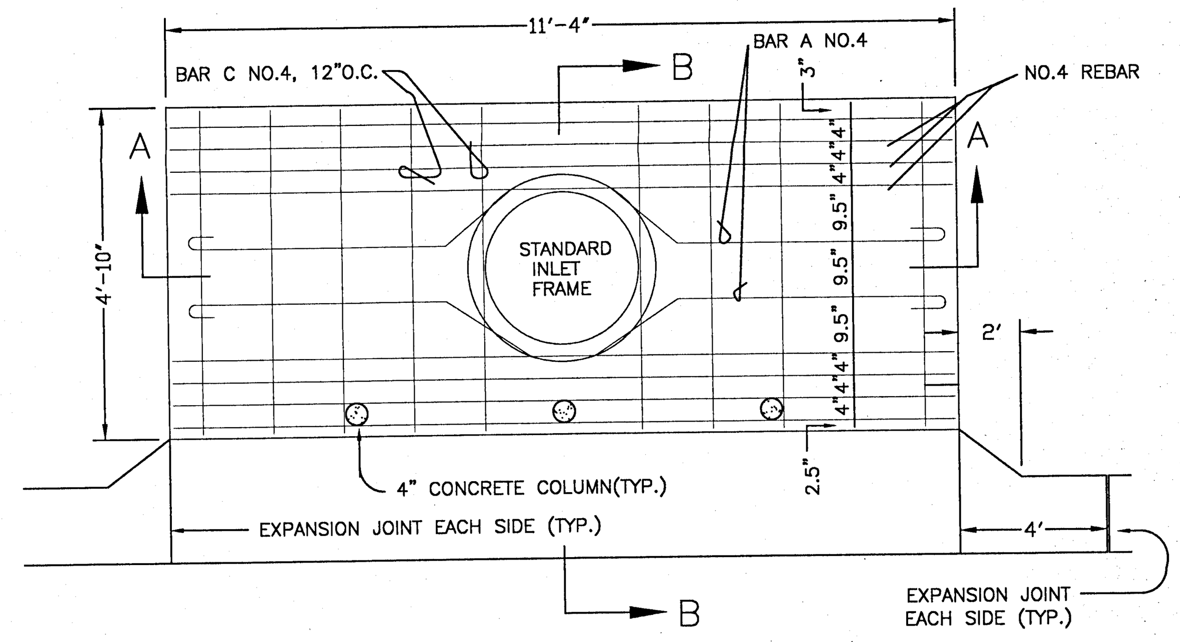


SMART BOX STRUCTURE #25 DETAIL
NTS

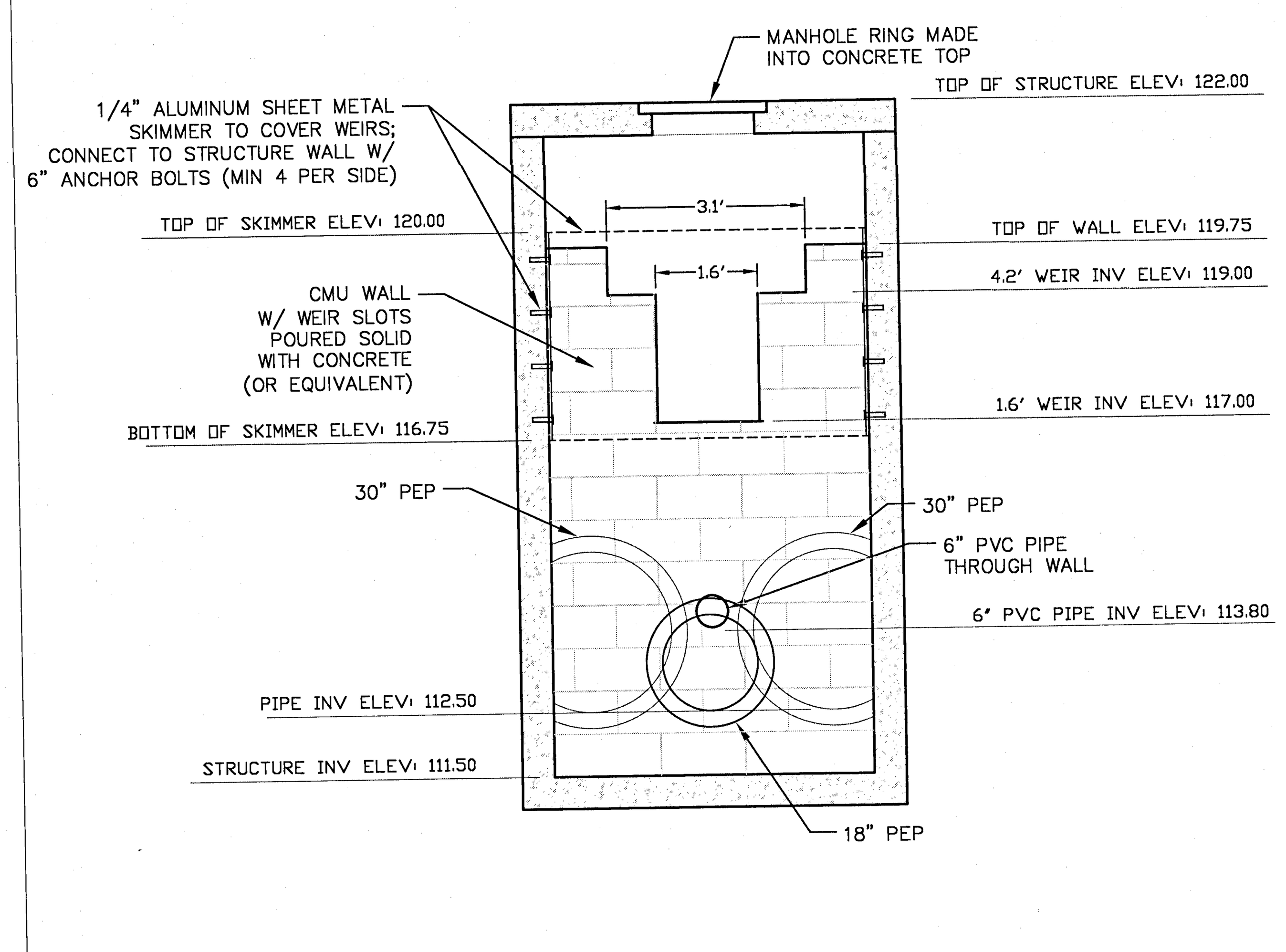
NOTE: ALL STORM INLETS AND MANHOLES OVER 4' DEEP ARE TO BE CONSTRUCTED WITH STEPS.



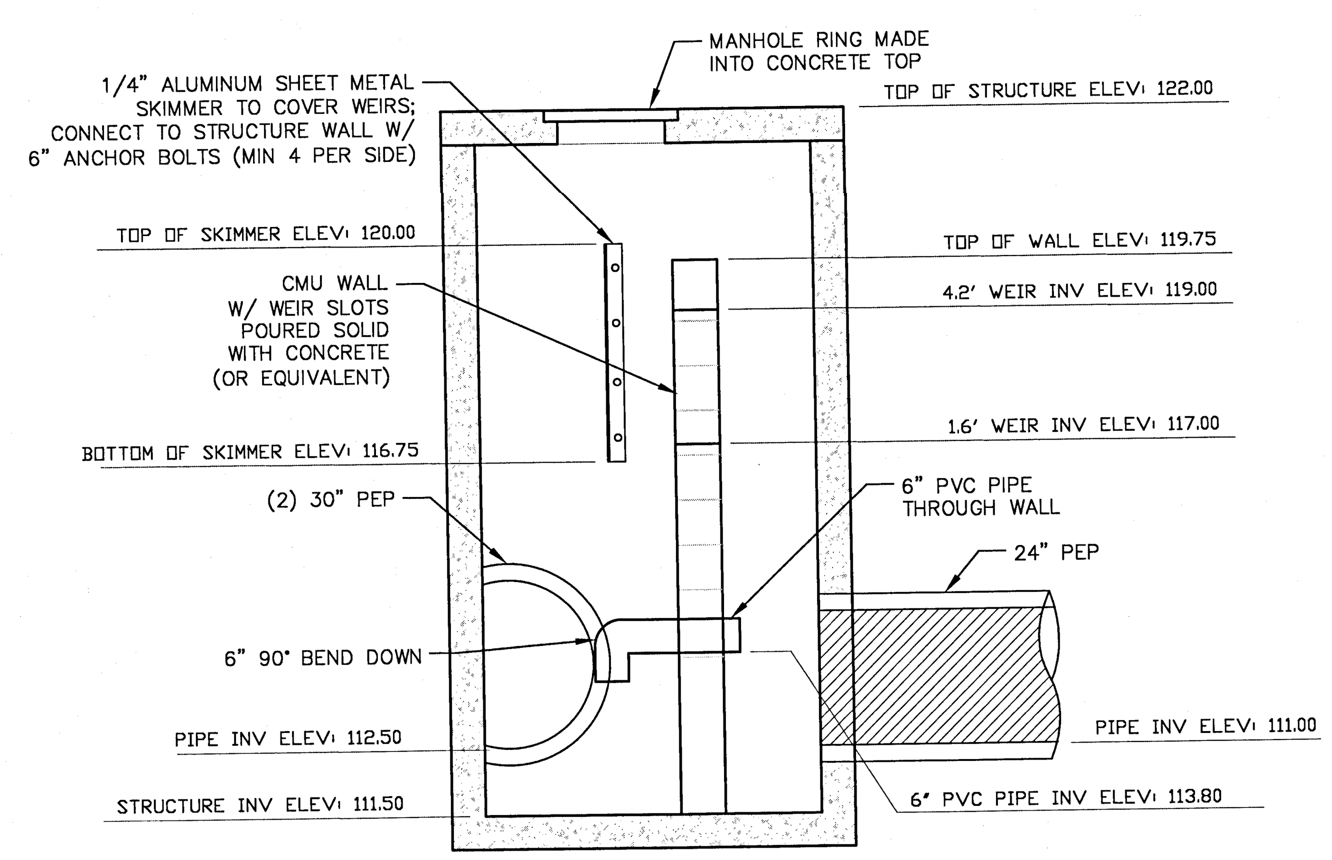
SECTION "A-A"
NTS



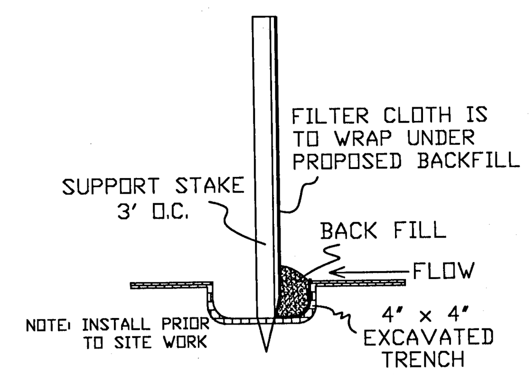
TYPE-A CURB INLET DETAIL
NTS



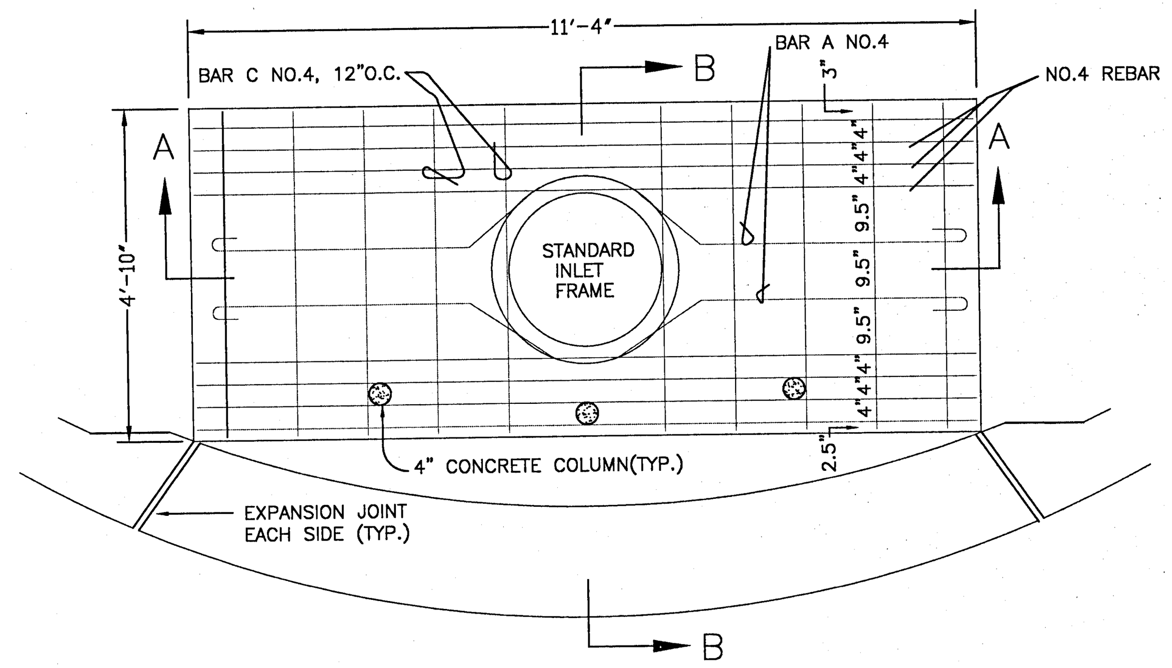
SECTION D-D
NTS



SECTION E-E
NTS



SILT FENCE DETAIL
N.T.S.



TYPE 'A-1' DROP INLET DETAIL
NTS

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

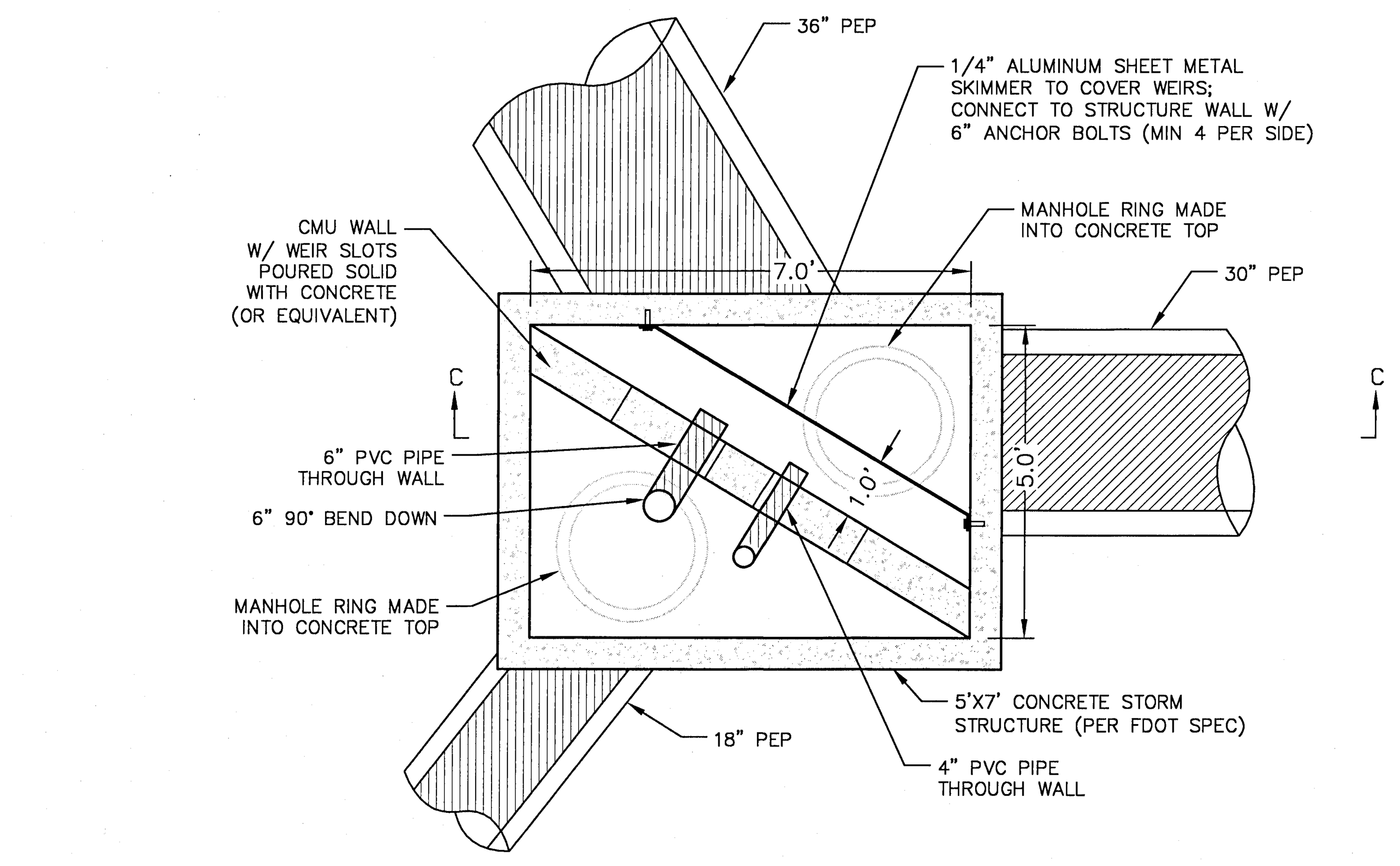
RANSLEY STATION

DRAINAGE DETAILS

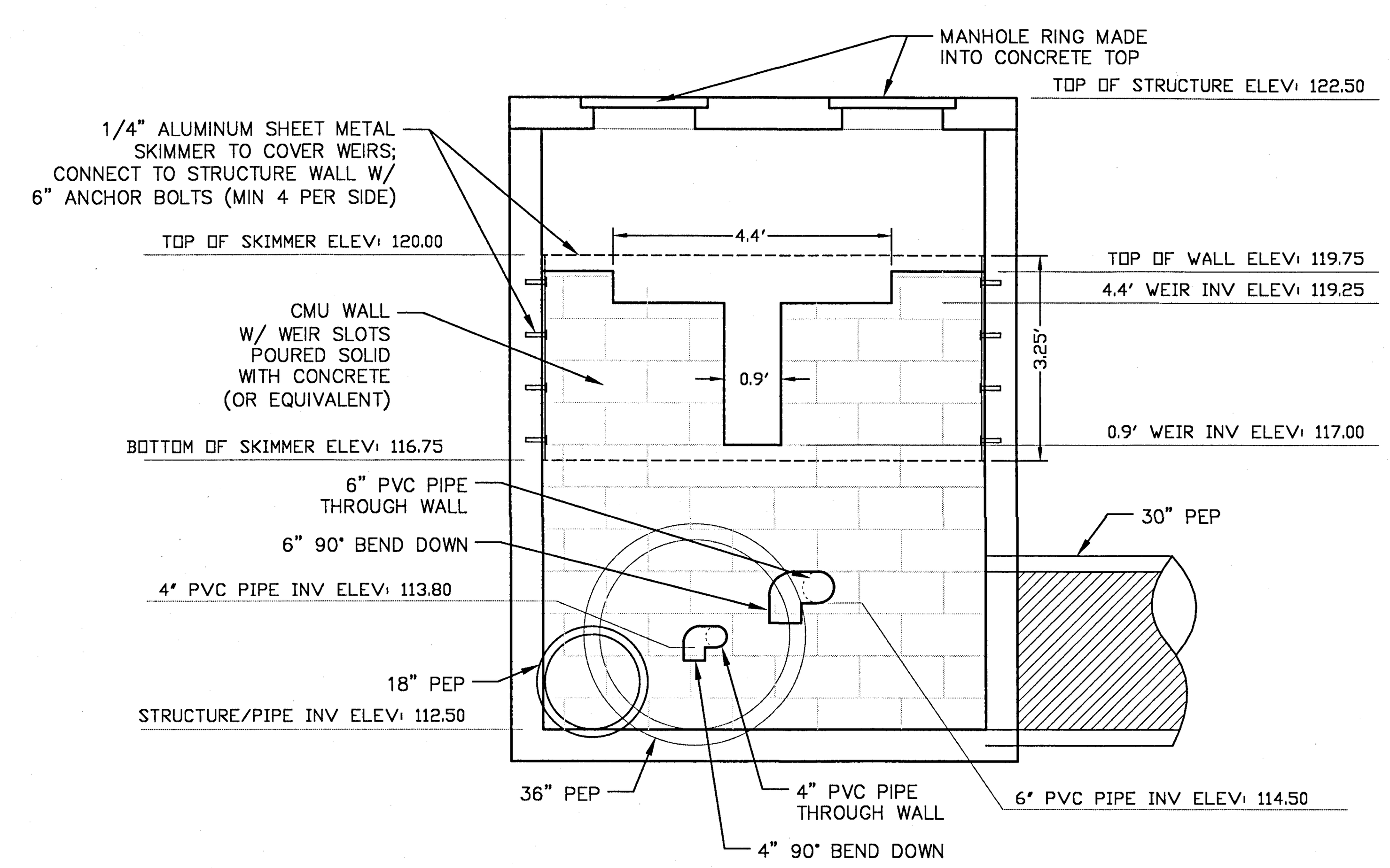
NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47875 STATE OF FLORIDA PROFESSIONAL ENGINEER
PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C31 OF C37

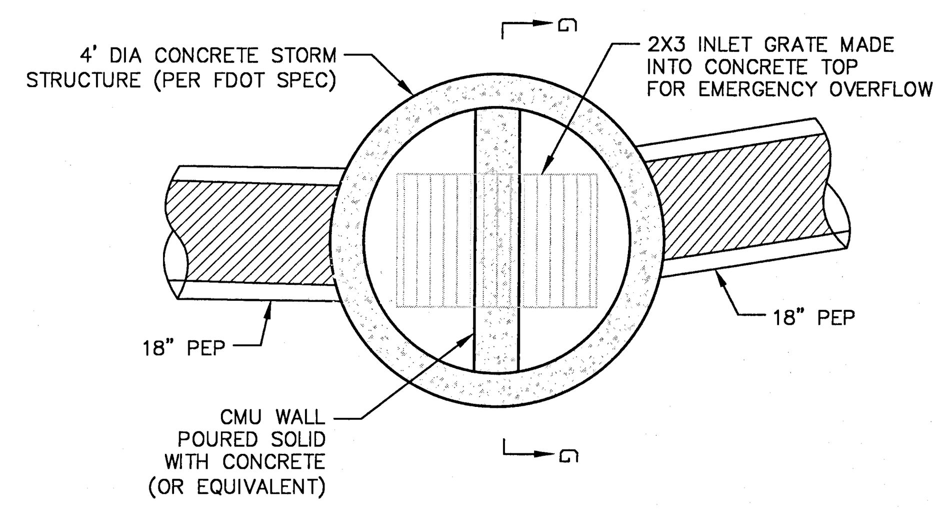
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



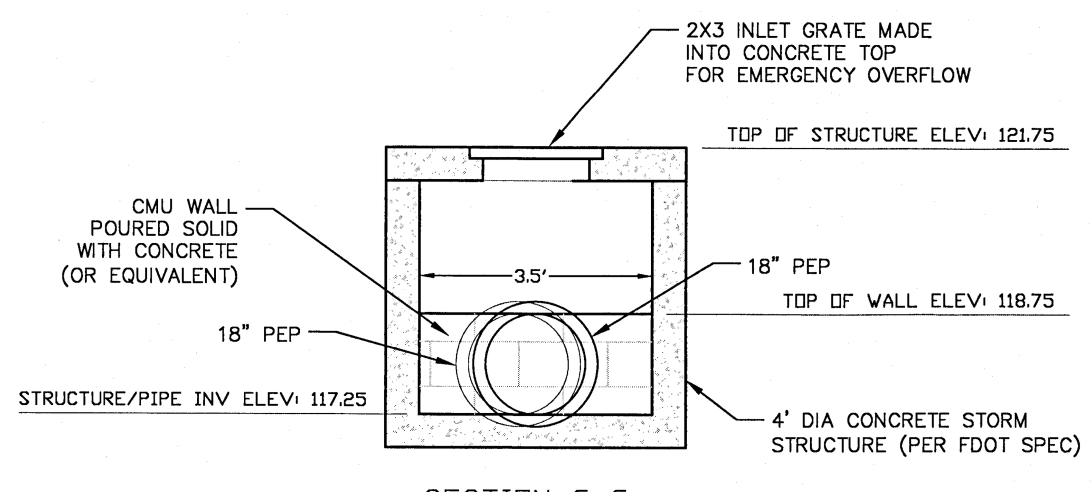
SMART BOX STRUCTURE #27 DETAIL
NTS



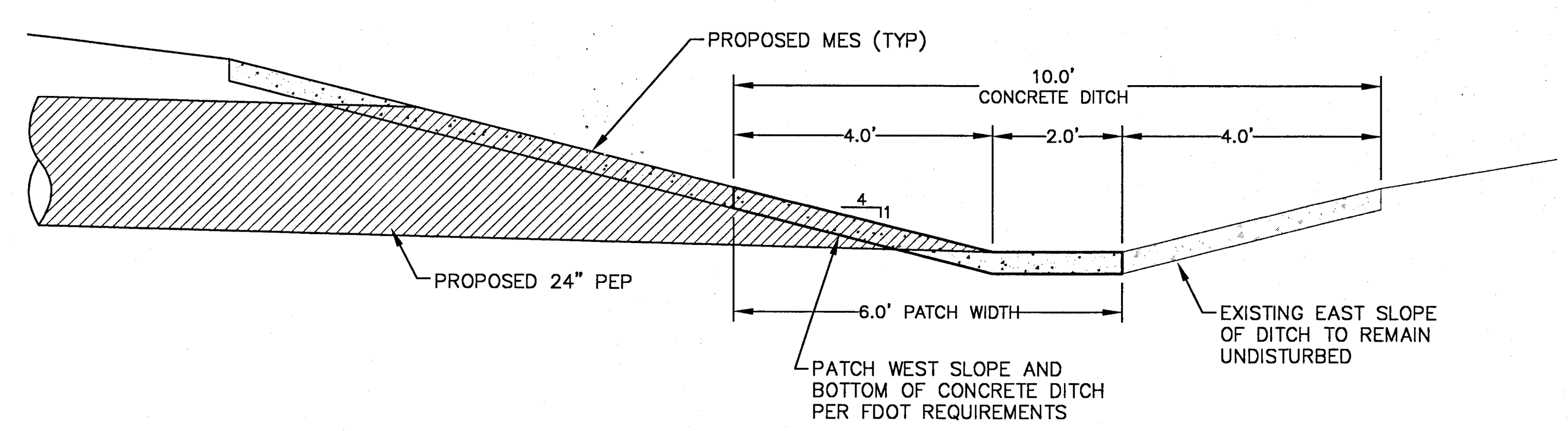
SECTION C-C
NTS



SMART BOX STRUCTURE #17 DETAIL
NTS



SECTION G-G
NTS



FDOT CONCRETE DITCH DETAIL
NTS

DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL REGULATION #00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-6677 FAX: (850)476-7708

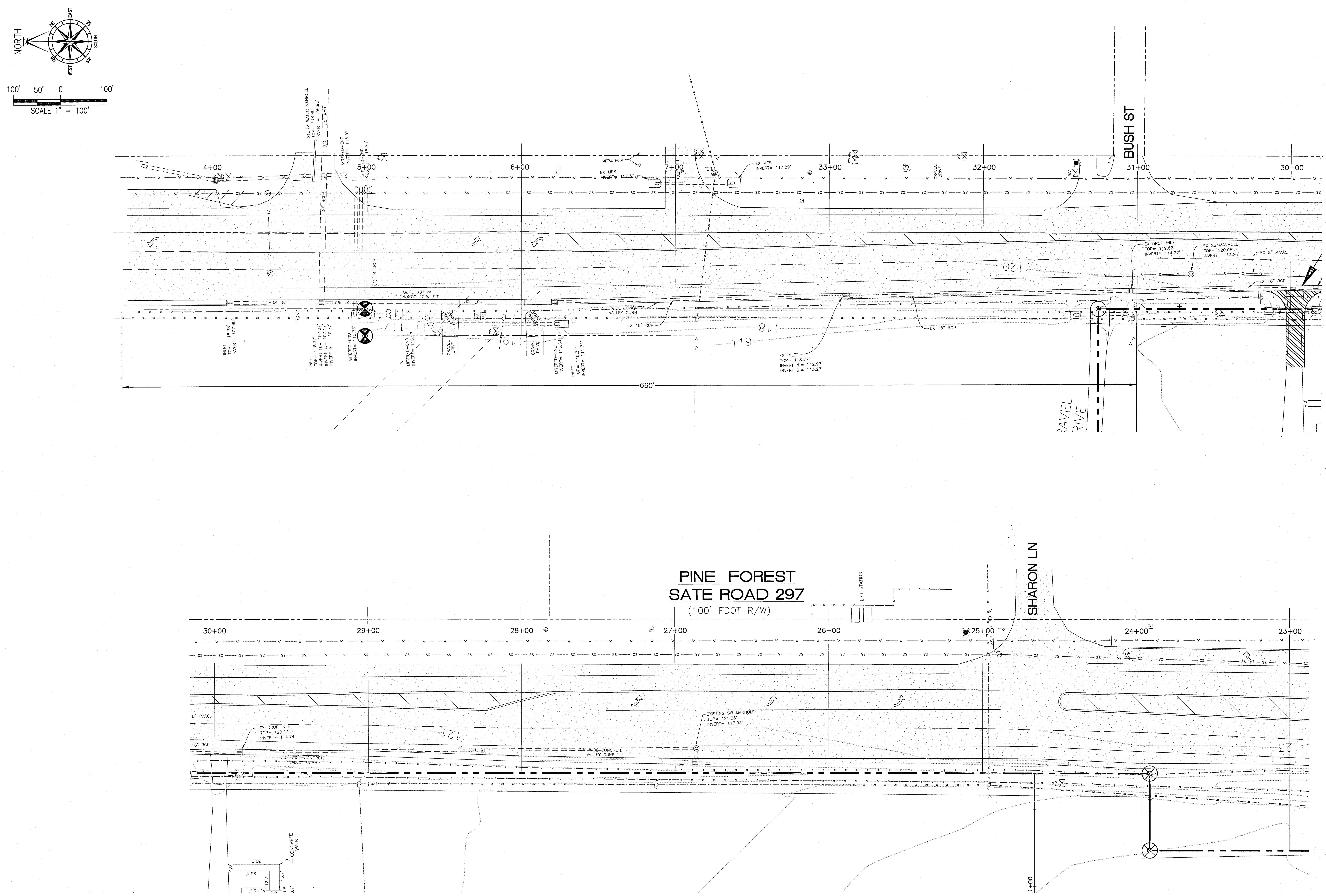
RANSLEY STATION

DRAINAGE DETAILS

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER
6-13-21
DATE

PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C32 OF C37



DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE # 00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

FDOT TURN LANES - 660 SURVEY

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

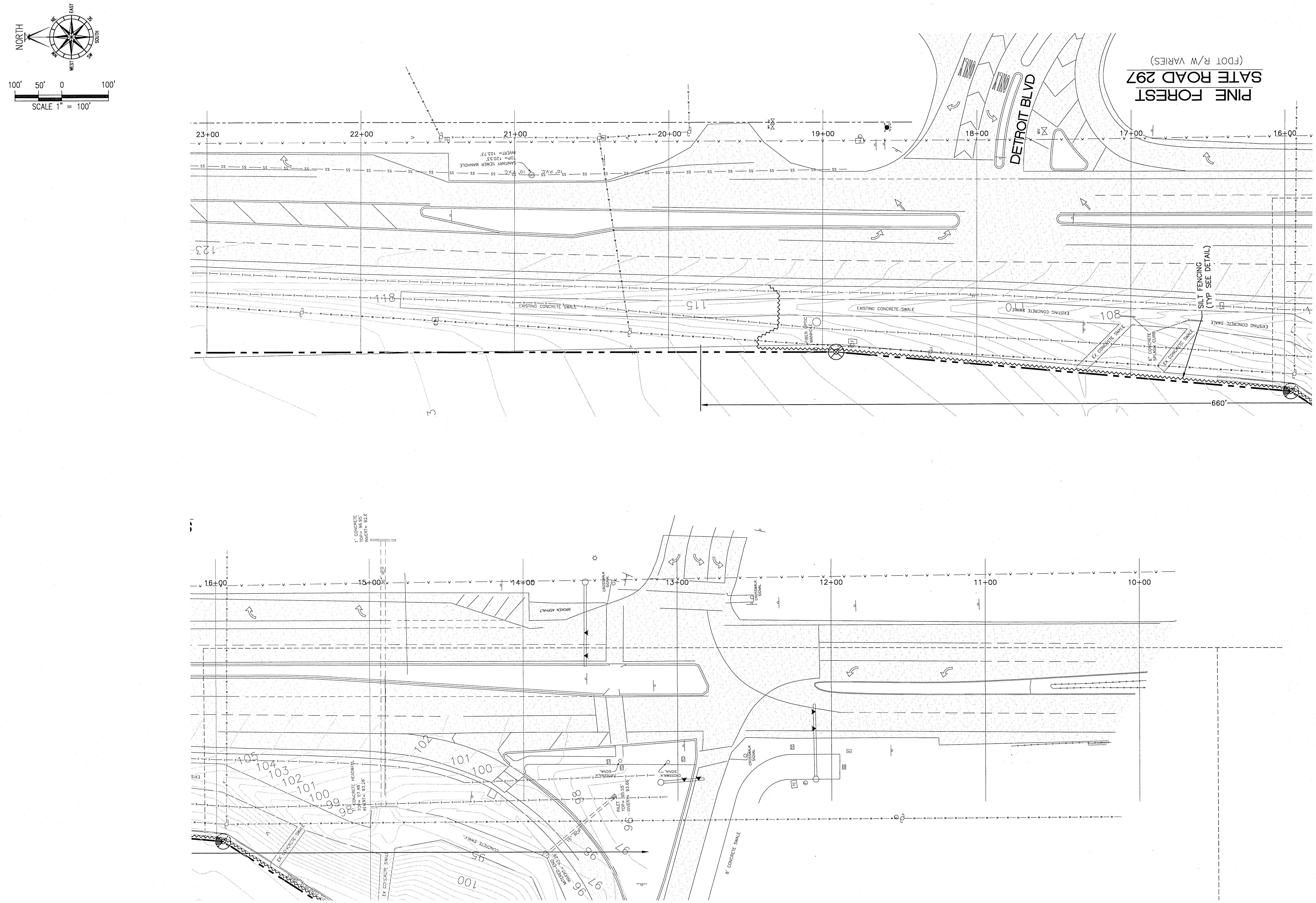
SIGNATURE & SEAL

DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C33 OF C37



DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE # 00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

FDOT TURN LANES - 660 SURVEY

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

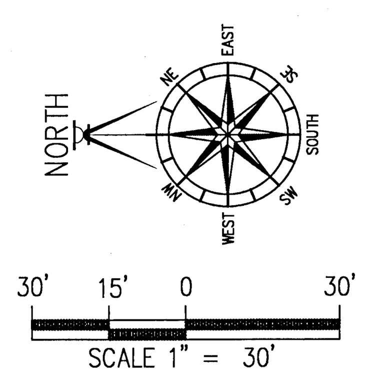
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

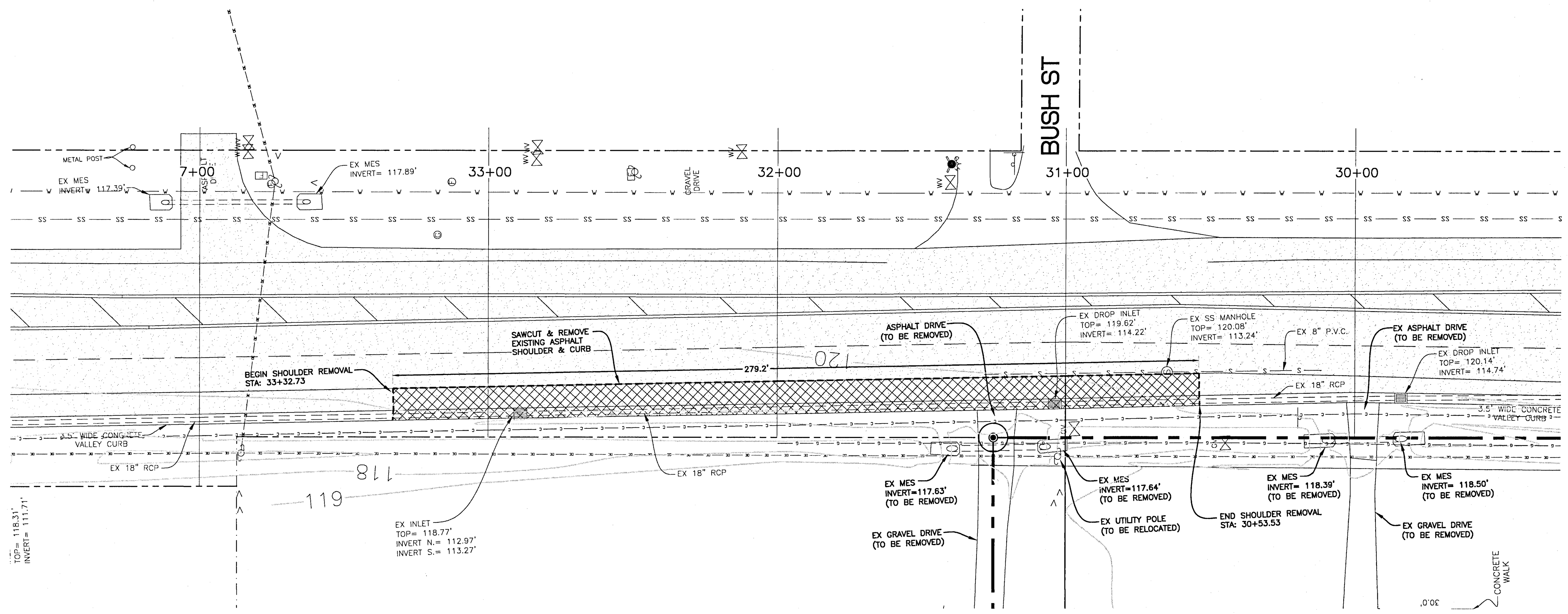
DATE:

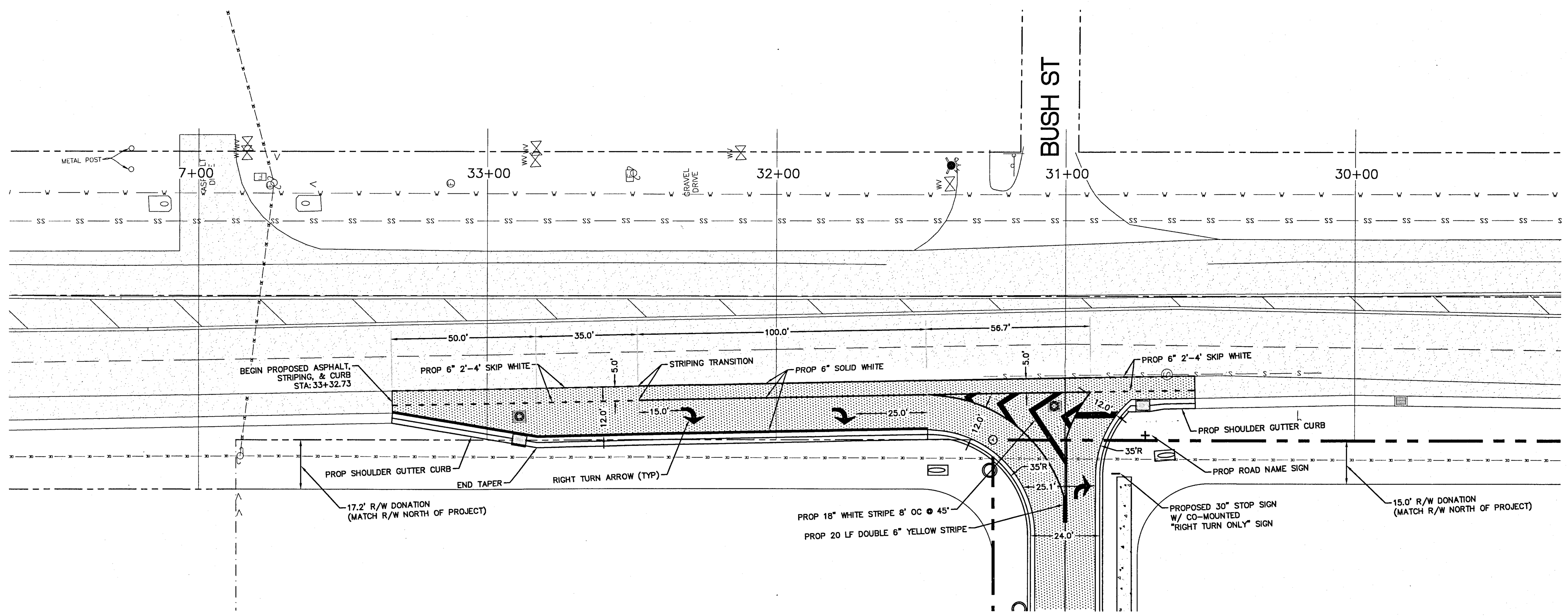
PROJECT NUMBER 19-041

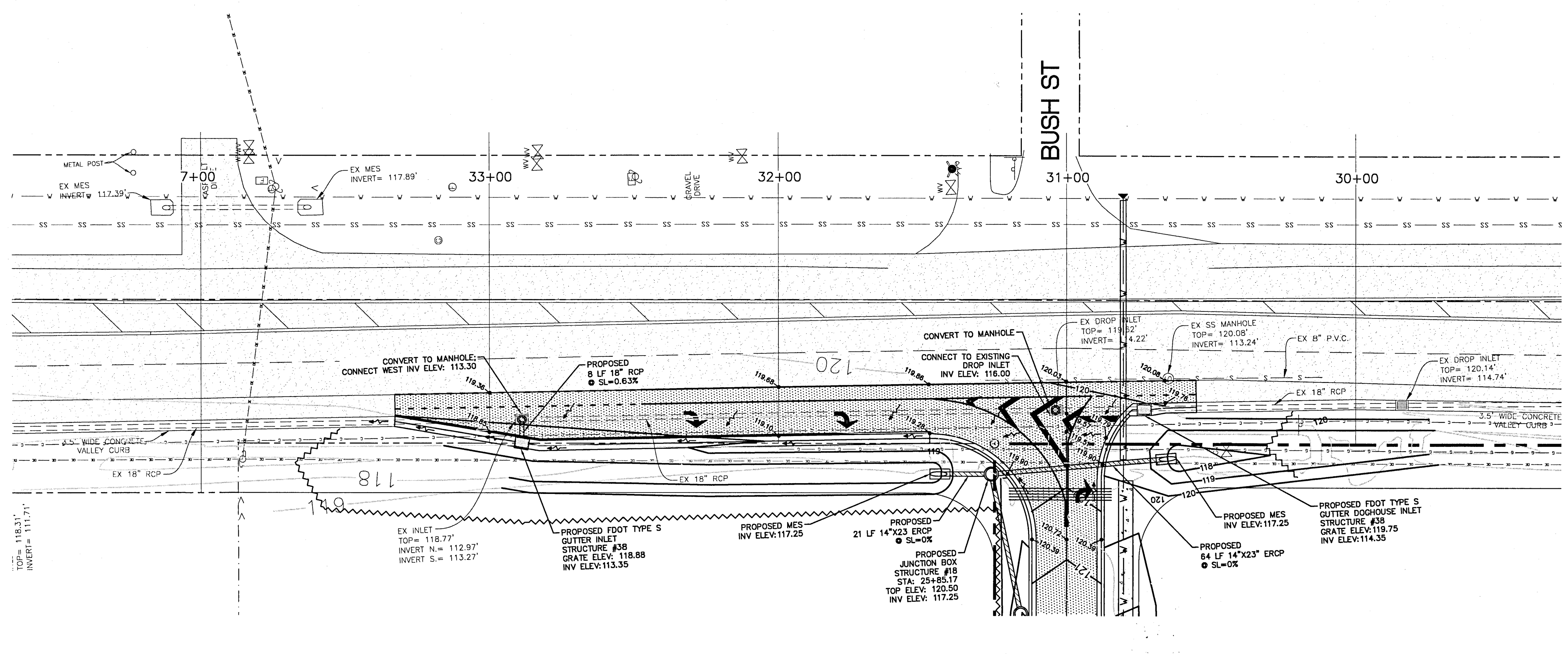
PLOT DATE 8/12/21

SHEET C34 OF C37









DAVID W. FITZPATRICK

PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE # 00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

FDOT TURN LANES - DRIVEWAY #1

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/9/21
2	ECUA COMMENT REVISIONS, SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. W. FITZPATRICK

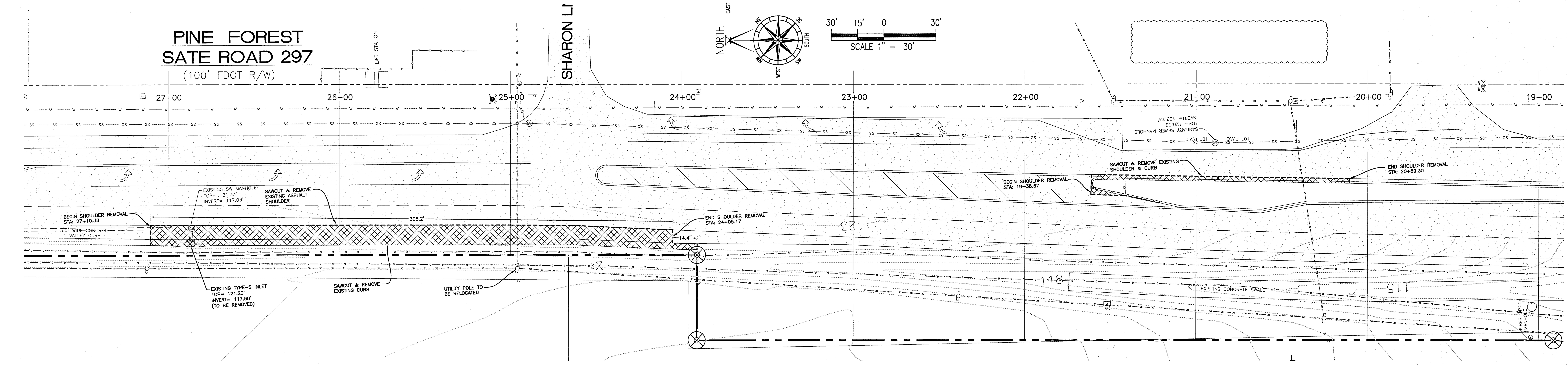
DAVID W. FITZPATRICK, No 47818, STATE OF FLORIDA, PROFESSIONAL ENGINEER

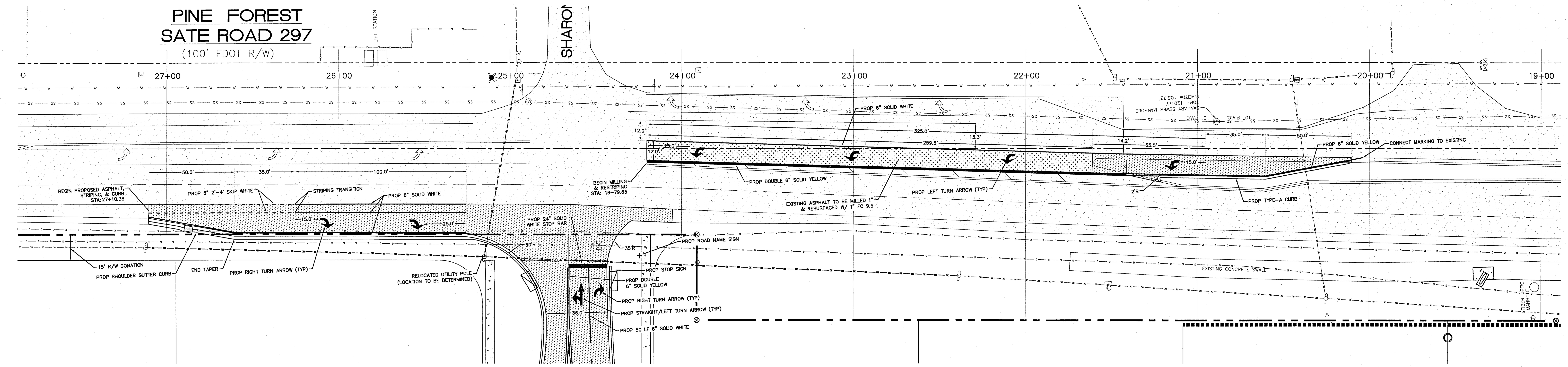
DATE:

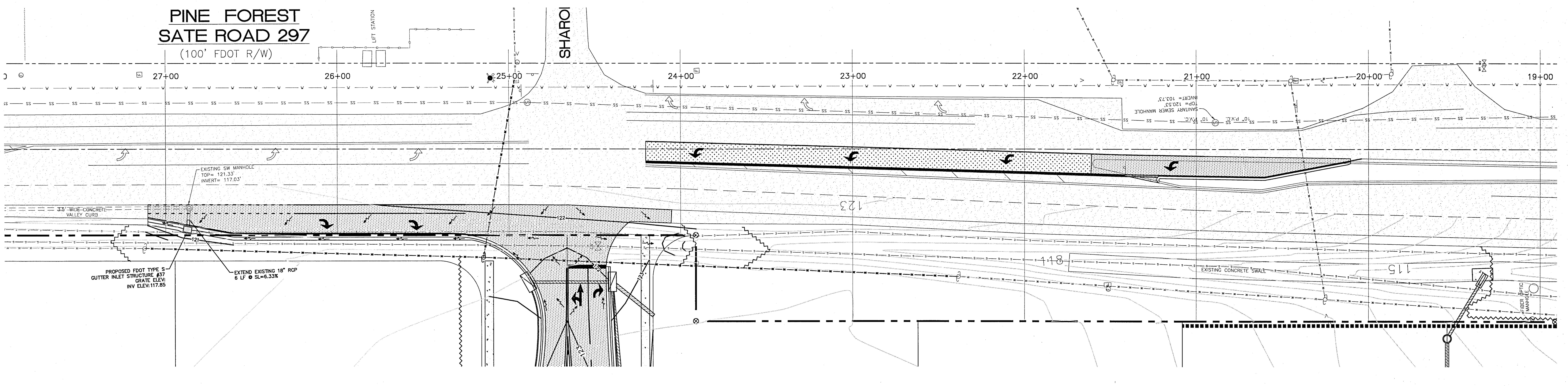
PROJECT NUMBER 19-041

PLOT DATE 8/12/21

SHEET C35 OF C37







DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE # 00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

RANSLEY STATION

FDOT TURN LANES - DRIVEWAYS #2 & #3

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, SOUTH DRIVEWAY ELIMINATED, ETC.	7/19/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

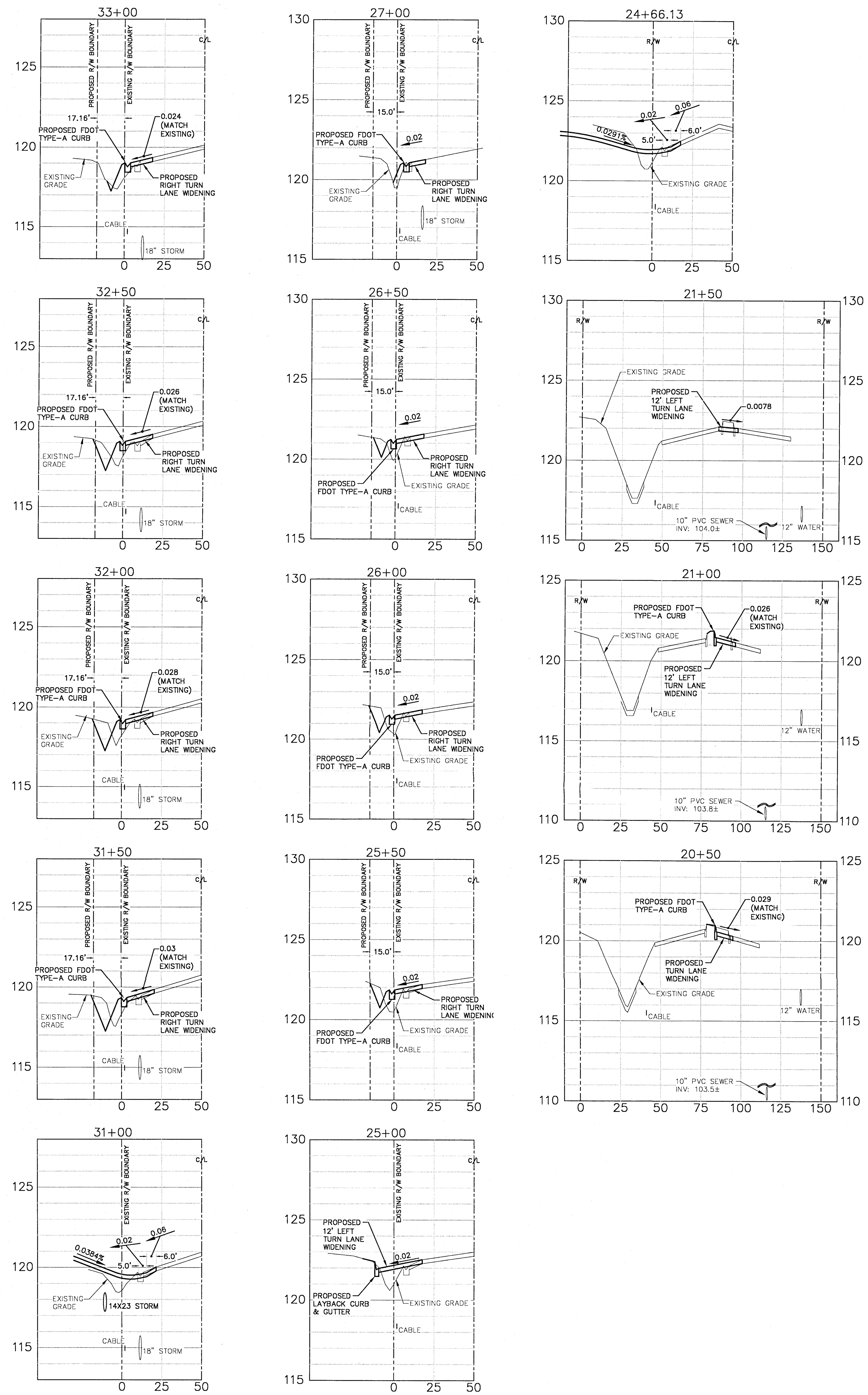
SIGNATURE & SEAL

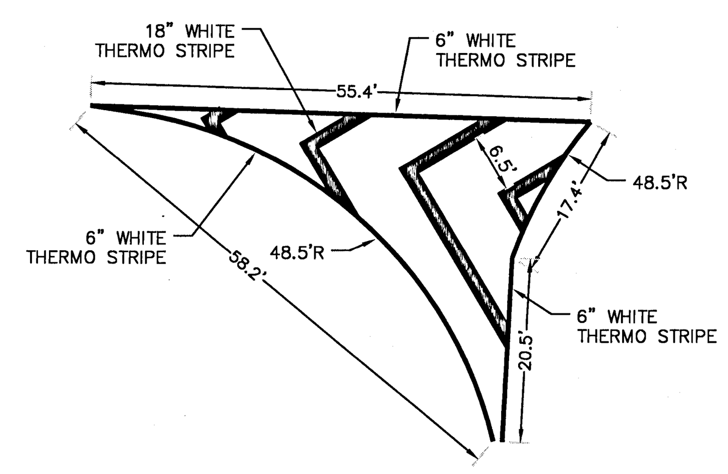
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 19-041

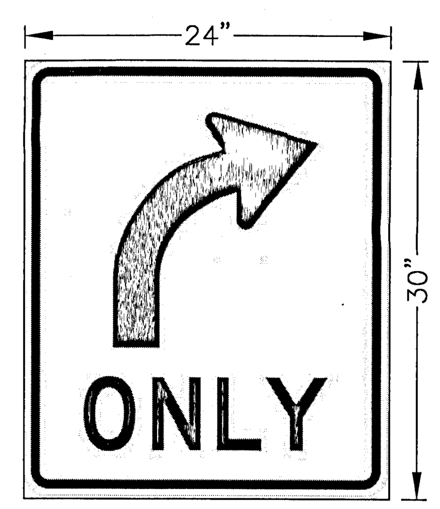
PLOT DATE 8/12/21

SHEET C36 OF C37

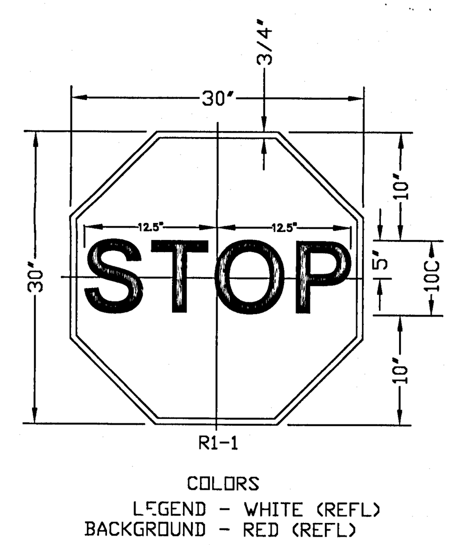




BOESCH STREET DRIVEWAY TRAFFIC SEPARATOR DETAIL
NTS

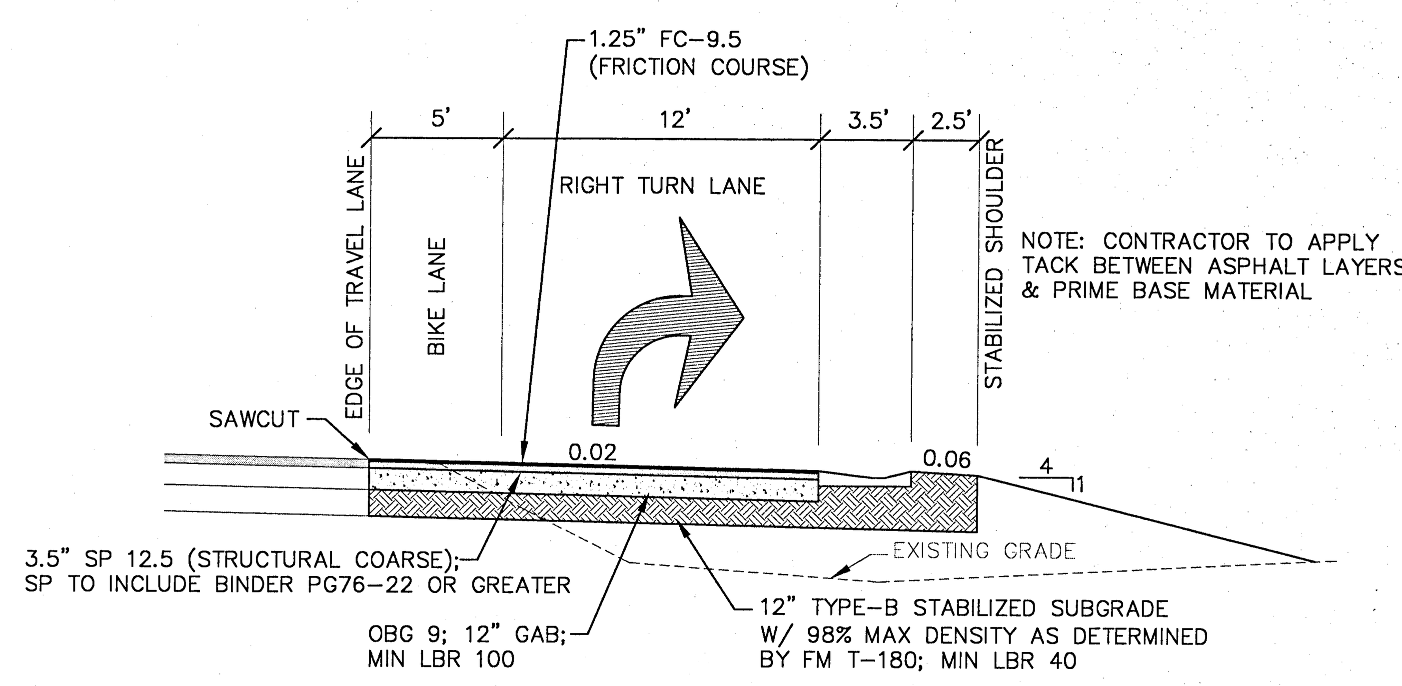


R3-5R SIGN DETAIL
(RIGHT-TURN ONLY)
N.T.S.



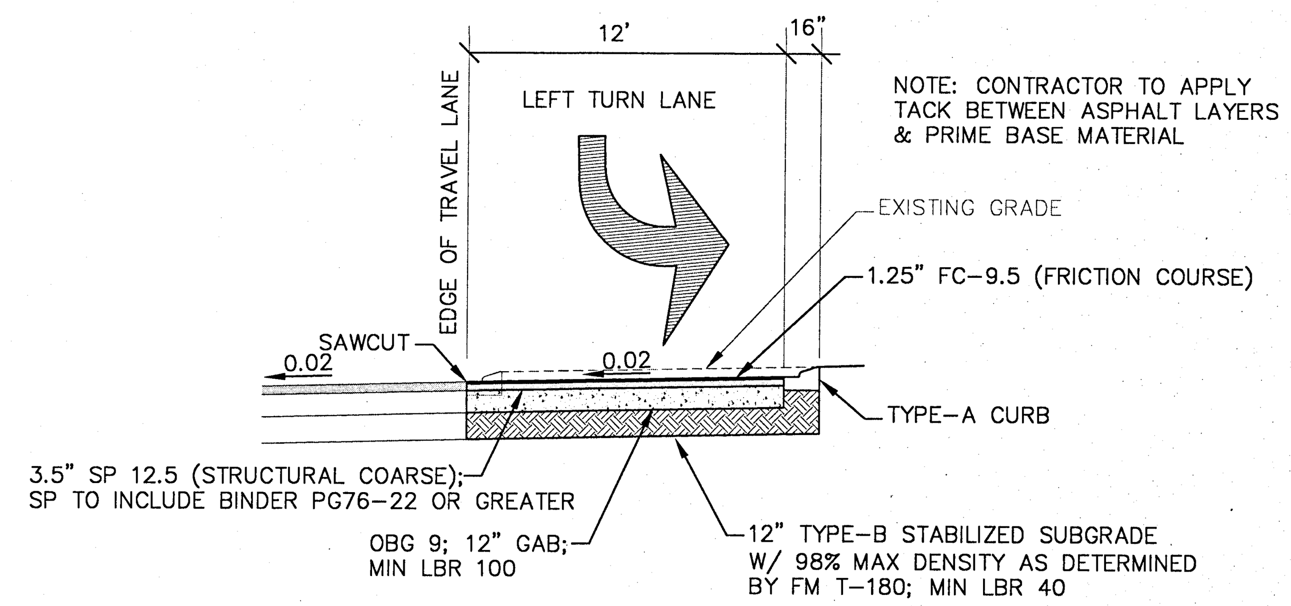
R1-1 SIGN DETAIL
(STOP SIGN)
N.T.S.

FDOT NOTES:
1. UTILITIES SHOWN WERE NOT LOCATED IN THE FIELD. ALL UTILITY LOCATIONS AND DEPTHS ARE ASSUMED. OTHER UTILITIES NOT SHOWN MAY BE PRESENT. CONTRACTOR IS TO VERIFY LOCATION AND DEPTHS OF ALL UTILITIES PRIOR TO INITIATING CONSTRUCTION.
2. PROPOSED WORK IS WITHIN THE LIMITS OF FDOT ROADWAY MILLING AND RESURFACING PROJECT 437746-1-52-01, WHICH WILL LIKELY EXTEND INTO (BUT POSSIBLY BEYOND) SEPTEMBER, 2020. CONTRACTOR TO COORDINATE WITH THE ROADWAY CONTRACTOR, ROADS, INC., IF ANY WORK IS TO COMMENCE PRIOR TO THE COMPLETION OF THE FDOT PROJECT.
3. TREE REMOVAL WITHIN THE FDOT RIGHT-OF-WAY REQUIRES APPROVAL FROM FDOT.



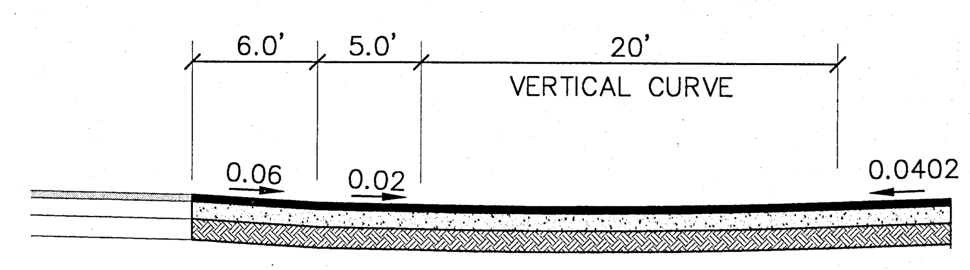
NOTE: CONTRACTOR TO APPLY TACK BETWEEN ASPHALT LAYERS & PRIME BASE MATERIAL

RIGHT TURN LANE WIDENING DETAIL
NTS

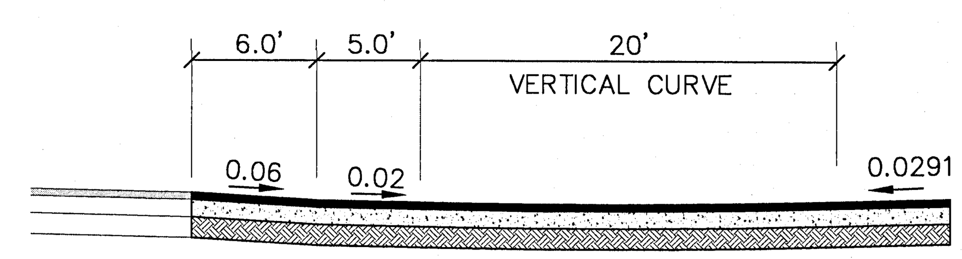


NOTE: CONTRACTOR TO APPLY TACK BETWEEN ASPHALT LAYERS & PRIME BASE MATERIAL

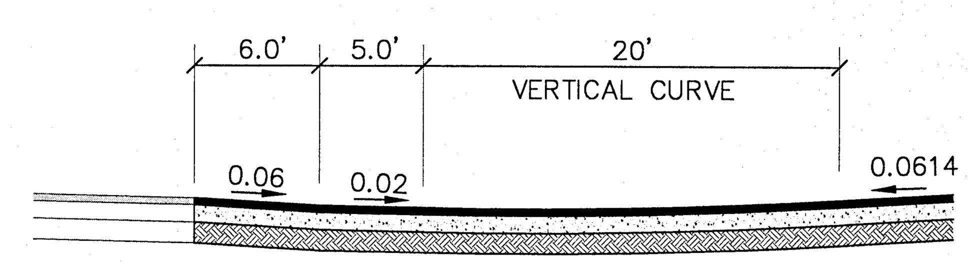
LEFT TURN LANE WIDENING DETAIL
NTS



DRIVEWAY #1 CROSS SECTION DETAIL
NTS



DRIVEWAY #2 CROSS SECTION DETAIL
NTS



DRIVEWAY #3 CROSS SECTION DETAIL
NTS

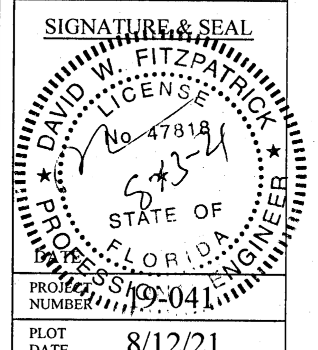
DAVID W. FITZPATRICK
PROFESSIONAL ENGINEER, P.A.
BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE # 00008423
10250 NORTH PALAFOX STREET
PENSACOLA, FL 32534
PH: (850)476-8877 FAX: (850)476-7708

RANSLEY STATION

FDOT DETAILS

NUMBER	REVISION	DATE
1	SEWER REROUTE TO THE SOUTH, DRIVEWAY ELIMINATED, ETC.	7/9/21
2	ECUA COMMENT REVISIONS; SIDEWALKS ADDED	8/12/21

DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL



PROJECT NUMBER 19-041
PLOT DATE 8/12/21
SHEET C37 OF C37