CONSTRUCTION PLANS FOR

Allison Acres

A PROPOSED 85 LOT RESIDENTIAL SUBDIVISION OF A PORTION OF SECTION 21, TOWNSHIP 1 NORTH, RANGE 30 WEST ESCAMBIA COUNTY, FLORIDA MAY 2021

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. PROPERTY OBSTRUCTIONS WHICH ARE TO REMAIN IN PLACE, SUCH AS BUILDINGS, SEWERS, DRAINS, WATER, OR GAS PIPES, CONDUITS, RAILROAD TRACK, POLES, WALLS, POSTS, BRIDGES, ETC., ARE TO BE CAREFULLY PROTECTED AND ARE NOT TO BE DISPLACED, UNLESS NOTED.

4. 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.

5. 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.

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

7. 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.

8. 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.

9. 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.

10. 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.

11. 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.

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

13. SOD SHALL BE PLACE IN ACCORDANCE WITH SEC. 573 F.D.O.T. SPECIFICATIONS.

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

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

16. 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.

17. 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.

18. 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.

19. CONTRACTOR SHALL NOTIFY ENGINEER OF RECORD AT LEAST 2 WEEKS PRIOR TO PLACEMENT OF BASE MATERIAL TO ASSIST IN COORDINATION OF ALL OTHER UNDERGROUND UTILITIES.

20. ON SITES >1 ACRE, 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.

21. 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.

22. 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 SECTION 570 AND STANDARD INDEX 105

23. 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.

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

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

26. DENSITY TESTS AND CORE SAMPLES WILL BE REQUIRED TO DEMONSTRATE COMPLIANCE WITH COUNTY STANDARDS PRIOR TO FINAL ACCEPTANCE OF ROADWAY IMPROVEMENTS.

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

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

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

30. TYPE 1 CURB CUT DRIVEWAYS ARE TO BE USED FOR ALL UTILITY ACCESS POINTS.

31. 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.

32. 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.

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

34. A HEALTHY GROWTH OF GRASS WITHIN DISTURBED RIGHT-OF-WAY AREAS IS REQUIRED PRIOR TO COUNTY APPROVAL /ACCEPTANCE. IF TIME CONTRAINTS 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.

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

36. 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.

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

38. CONSTRUCTION PLAN APPROVAL IS REQUIRED TO DOCUMENT THE DESIGN OF INFRASTRUCTURE TO ADEQUATELY SERVE THE CREATED LOTS. THE APPROVAL ALLOWS THE CONSTRUCTION O FTHE SUBDIVISION INFRASTRUCTURE TO PROCEED, BUT IT DOES NOT ALLOW DEVELOPMENT ON THE INDIVIDUAL SUBDIVISION LOTS. PROPOSED RESIDENTIAL LOTS SHALL REMAIN IN THEIR NATURAL STATE (TREES INCLUDED) UNTIL SUCH TIME AS A BUILDING PERMIT FOR THE DWELLING IS ISSUED. FUTHERMORE, PER CODE, NO LAND DISTURBANCE ACTIVITIES SHALL OCCUR ONSITE, INCLUDING LAND CLEARING, PLACING OF FILL MATERIALS, GRADING ACTIVITIES, ETC. OR THE REMOVAL OF TREES, UNTIL SUCH TIME AS CONSTRUCTION PLANS ARE APPROVED AND APPROPRIATE PERMIT(S) ARE ISSUED FOR THE DEVELOPMENT WORK OR OTHERWISE.

39. THERE ARE NO HERITAGE OR CHAMPION TREES ONSITE.

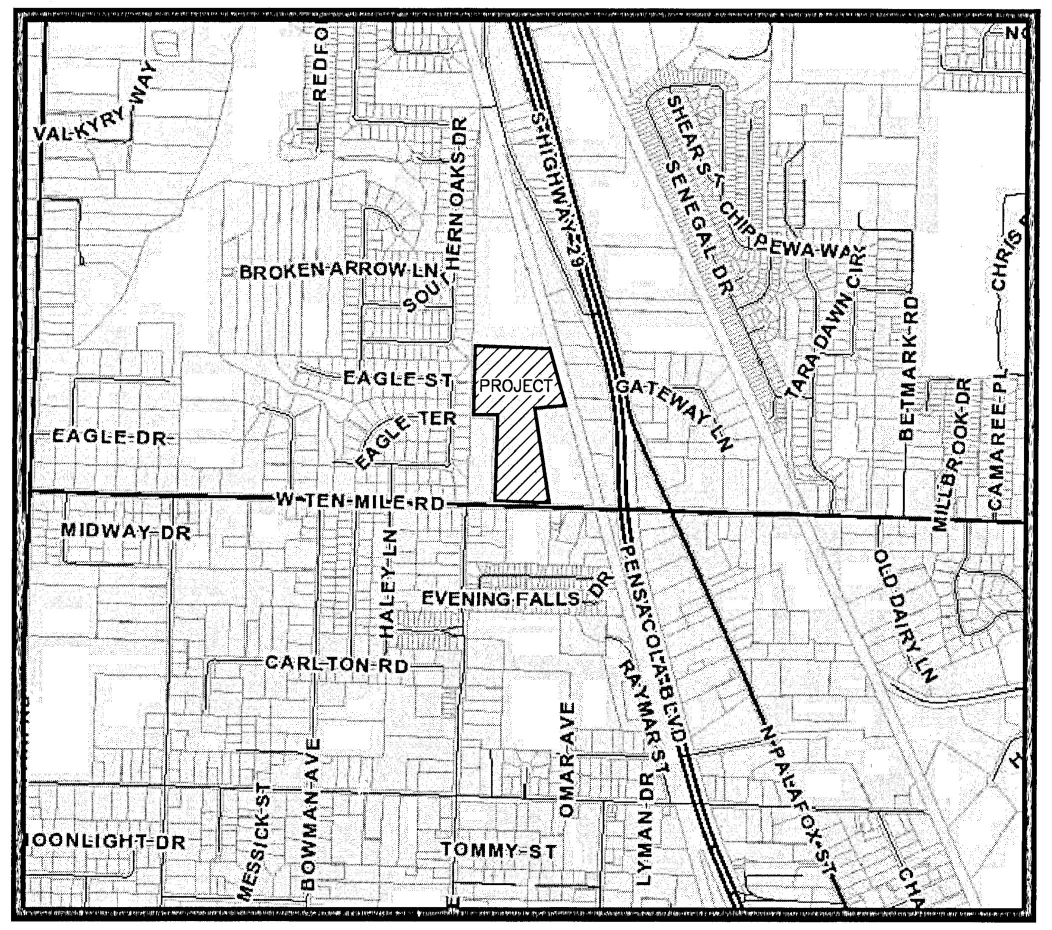
40. ALL TREE REMOVAL, LAND CLEARING, PLACEMENT OF FILL, & ANY OTHER LAND DISTURBING ACTIVITIES AS DEFINED IN ESCAMBIA COUNTY'S LAND DEVELOPMENT CODE SHALL BE PERMITTED OR OTHERWISE APPROVED BY THE COUNTY PRIOR TO INITIATION OF SITE WORK.

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.

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 12033C0295G, MAP REVISION DATED SEPTEMBER 29, 2006.



VICINITY MAP
(NOT TO SCALE)

INDEX OF DRAWINGS

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

GULF POWER CO. ~ 429-2603

AT&T ~ 436-1489

ECUA ~ 969-5823

PENSACOLA ENERGY ~ 474-5309

*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	
	Specifi-cation	Detail	Plans	Project Manual*
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐
	☐	☐	☐	☐

**Project Manuals used only with ECUA CIP Projects*

C. *Engineer of Record Responsibilities*

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

LEGAL DESCRIPTION:

Commence at the Southeast corner of Section 21, Township 1 North, Range 30 West, Escambia County, Florida; thence go South 89 degrees 51 minutes 46 seconds West along the South line of said section for a distance of 2421.17 feet; thence departing said South section line go North 00 degrees 02 minutes 01 seconds East for a distance of 33.00 feet to the North right of way line of West Ten Mile Road (66 foot right of way); thence go North 89 degrees 51 minutes 46 seconds East along said right of way for a distance of 30.00 feet to the Point of Beginning; thence continue North 89 degrees 51 minutes 46 seconds East for a distance of 503.75 feet; thence departing said North right of way go North 13 degrees 10 minutes 48 seconds West for a distance of 286.15 feet; thence go North 10 degrees 47 minutes 40 seconds West for a distance of 585.21 feet; thence go North 80 degrees 26 minutes 37 seconds East for a distance of 282.20 feet to the Westerly right of way line of the Saint Louis and San Francisco Railroad (100 foot right of way); thence go North 17 degrees 26 minutes 38 seconds West along said Westerly right of way for a distance of 538.07 feet; thence departing said Westerly right of way go North 89 degrees 57 minutes 59 seconds West for a distance of 673.11 feet; thence go South 00 degrees 02 minutes 01 seconds West for a distance of 621.96 feet; thence go North 89 degrees 57 minutes 11 seconds East for a distance of 228.08 feet; thence go South 00 degrees 02 minutes 01 seconds West for a distance of 793.52 feet to the Point of Beginning. All lying and being in Section 21, Township 1 North, Range 30 West, Escambia County, Florida, including the 30-foot ingress/egress easement of record found at Official Records Book 3428, Page 737.

Approved J. Hampton 5-19-21
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.

OWNER AND DEVELOPER

TEN MILE ROAD, LLC
5805 SAUFLEY FIELD ROAD
PENSACOLA, FL 32526
PHONE: (850) 572-3005

SURVEYOR

MERRILL PARKER SHAW, INC.
4928 N. DAVID HWY
PENSACOLA, FL 32503
P: (850)478-4923

ENGINEER OF RECORD

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

DRAINAGE FEE

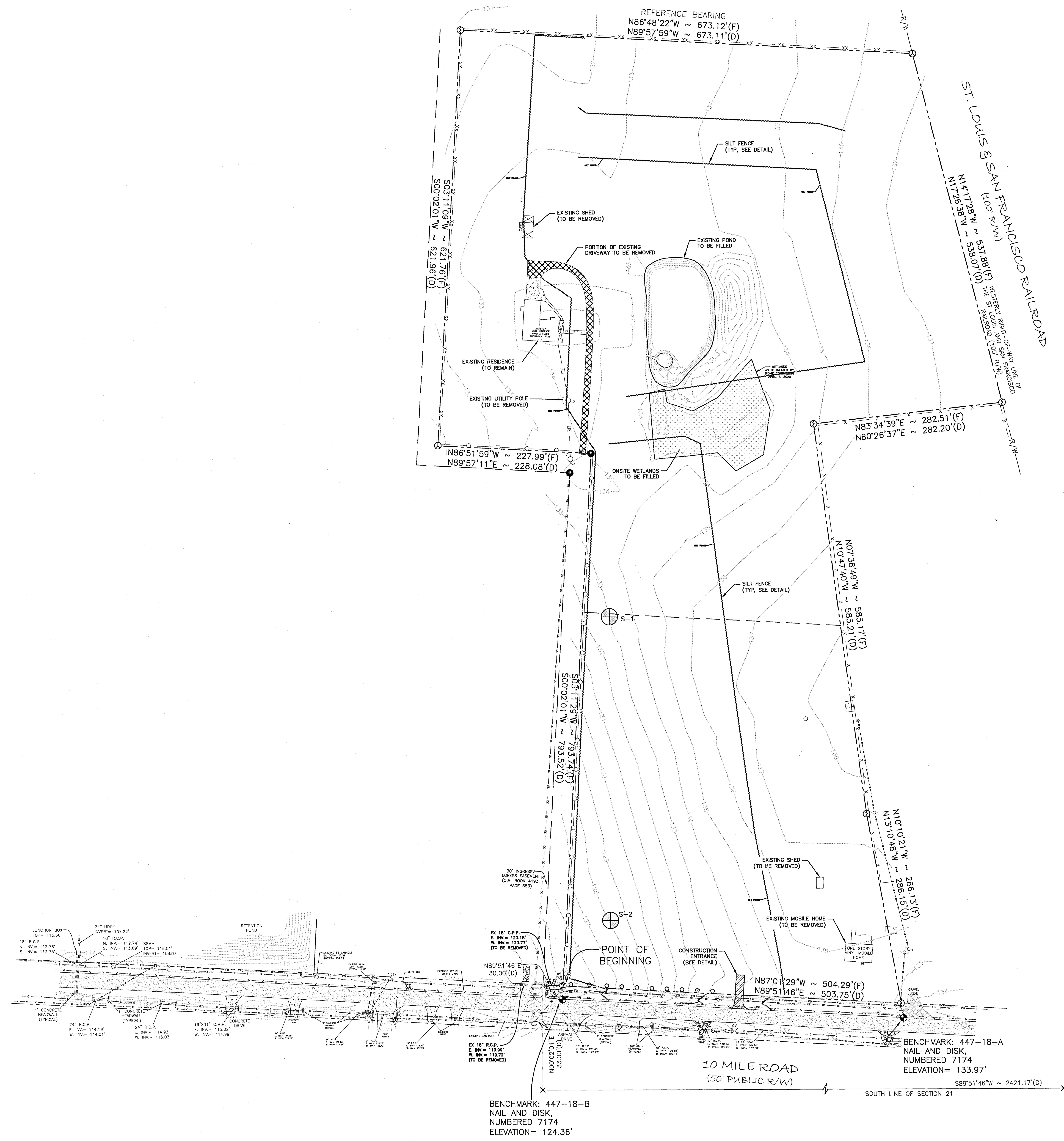
Imperv. Surf. 68,538 Sq ft
Stormwater Ret. .75 % (F)
Total Drainage Fee $2,570.18
Pond Maint. Fee: MSBU

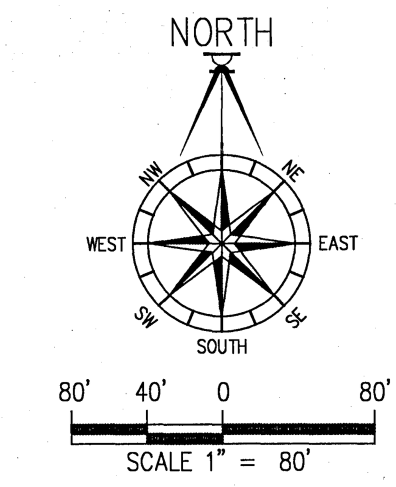
DAVID W. FITZPATRICK LICENSE No 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

5/12/21

SHEET NO. 1
PROJECT NO. 20-015

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





WELLHEAD PROTECTION NOTE:

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WELLHEAD TIME OF TRAVEL CONTOUR NOTE:

THE PROJECT SITE IS FULLY WITHIN THE 20-YEAR TIME OF TRAVEL CONTOUR OF AN EXISTING PROTECTED, POTABLE ECUA WELLHEAD.

WETLAND TABLE

ISOLATED WETLANDS	0.377 ACRES
ISOLATED SURFACE WATER	0.388 ACRES

WETLAND NOTES:

1. ALL FEATURES ARE TO BE FILLED
2. NO MITIGATION IS REQUIRED PER NWFWMD PERMIT #: IND-033-296798-1
3. IT WAS DETERMINED THAT THE WETLANDS AND SURFACE WATERS TO BE FILLED ARE NOT JURISDICTIONAL TO ACOE. THEREFORE NO FEDERAL PERMIT IS REQUIRED.

LEGEND:

X ~ ACTUAL CORNER NOT LOCATED
~ 1/2" CAPPED IRON ROD, NUMBER 6993 (FOUND)
~ 1/2" CAPPED IRON ROD, NUMBER 1748 (FOUND)
~ 5/8" PLAIN IRON ROD, UNNUMBERED (FOUND)
~ 1/2" CAPPED IRON ROD, ILLEGIBLE (FOUND)
P.C. ~ POINT OF CURVATURE
P.T. ~ POINT OF TANGENCY
P.R.M. ~ PERMANENT REFERENCE MONUMENT
R/W ~ RIGHT OF WAY
B.S.L. ~ BUILDING SETBACK LINE
(P) ~ PLATTED INFORMATION
(F) ~ FIELD MEASUREMENT/ INFORMATION
(D) ~ DEED / INFORMATION
~ INDICATES NOT TO SCALE
— x — x — ~ 6' CHAINLINK FENCE WITH BARBED WIRE
— xx — xx — ~ 4' WIRE FENCE
~ 5' BARBED WIRE FENCE
— OE — OE — ~ OVERHEAD ELECTRICAL LINE
~ UTILITY POLE
WV ~ WATER VALVE/METER
MB ~ MAILBOX
~ FIBER-OPTIC SIGN
~ BENCHMARK
120 ~ CONTOUR LINE

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ALLISON ACRES

EXISTING CONDITIONS / DEMOLITION PLAN

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

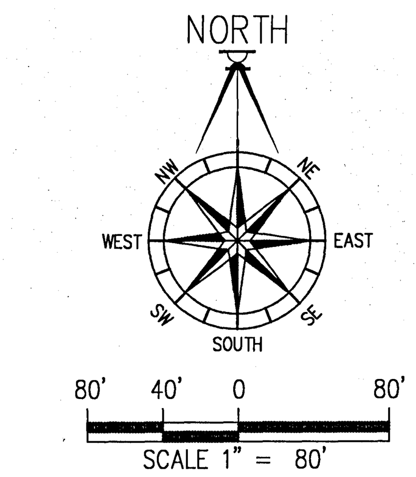
DAVID W. FITZPATRICK LICENSE No 47618 STATE OF FLORIDA PROFESSIONAL ENGINEER

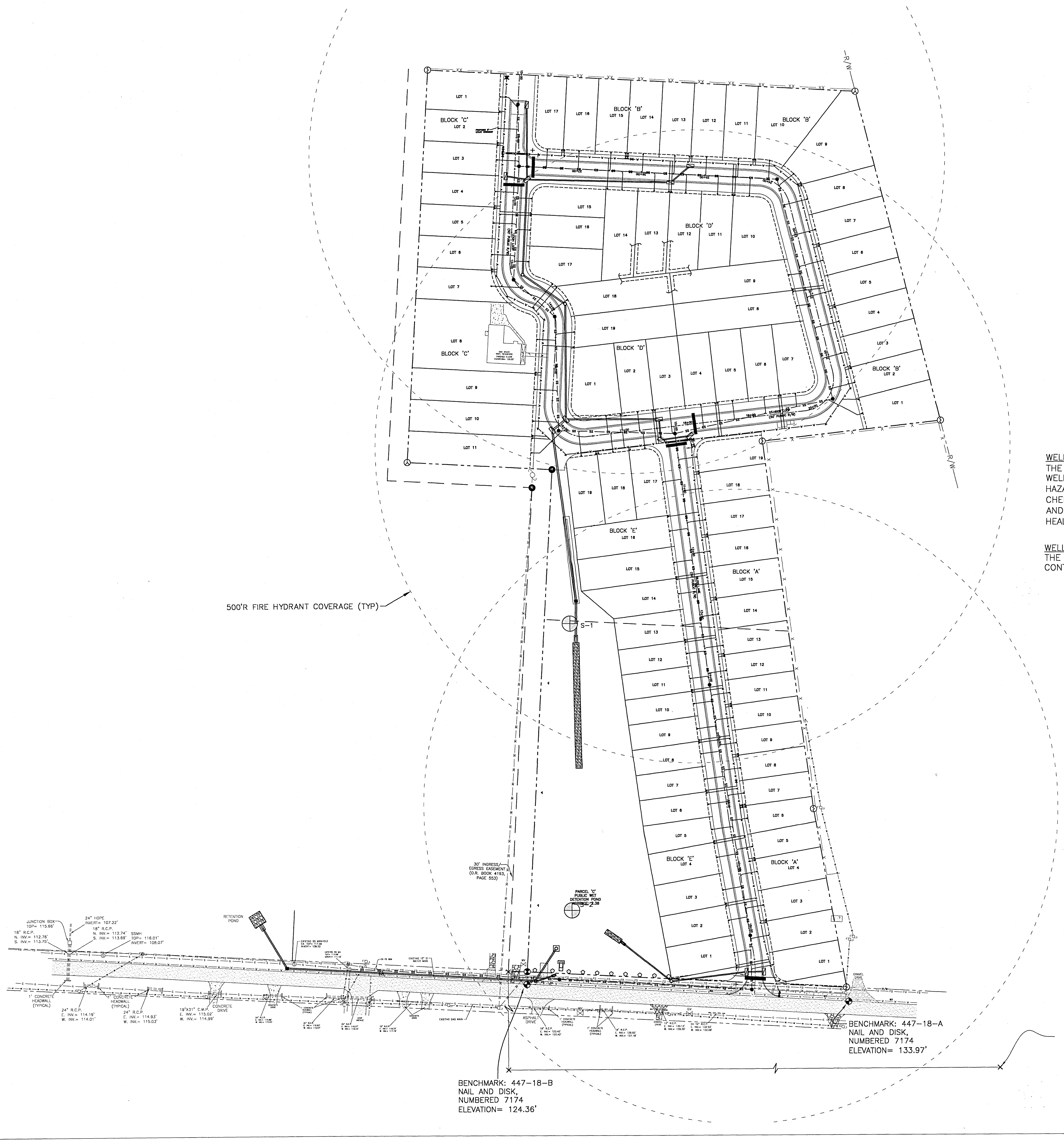
NUMBER 20-015

PLOT DATE 5/12/21

SHEET C2 OF C18

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





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<u>WELLHEAD TIME OF TRAVEL CONTOUR NOTE:</u>
THE PROJECT SITE IS FULLY WITHIN THE 20-YEAR TIME OF TRAVEL CONTOUR OF AN EXISTING PROTECTED, POTABLE ECUA WELLHEAD.

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ALLISON ACRES

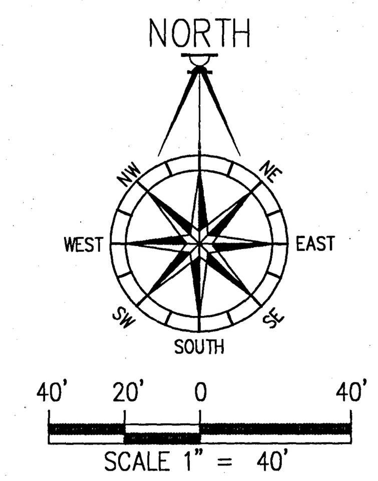
SITE / UTILITY PLAN - OVERALL

NUMBER	REVISION	DATE

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

PROJECT NUMBER 20-015
PLOT DATE 5/12/21
SHEET C3 OF C18

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



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ALLISON ACRES

LOT DIMENSION PLAN - NORTH

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

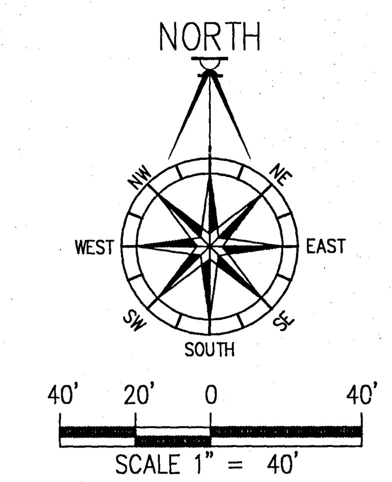
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C4 OF C18

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



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ALLISON ACRES

LOT DIMENSION PLAN - SOUTH

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

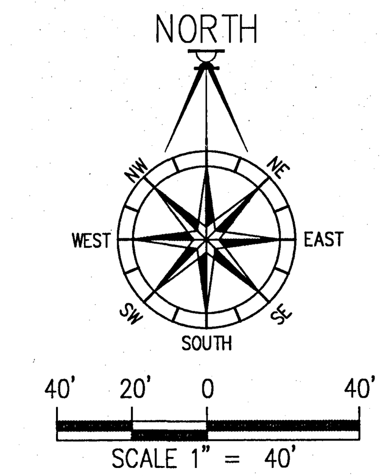
SIGNATURE & SEAL

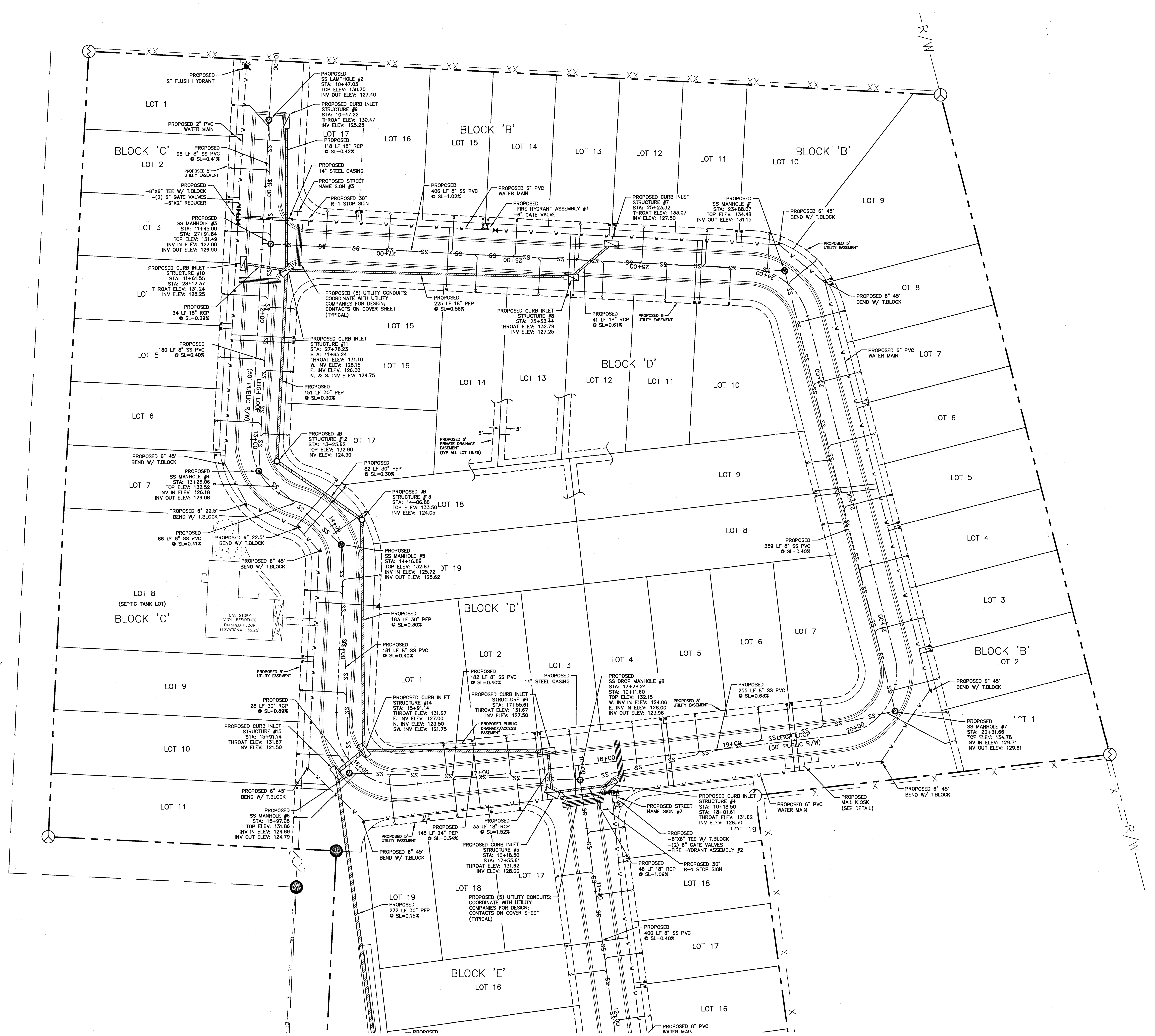
PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C5 OF C18

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





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ALLISON ACRES

SITE / UTILITY PLAN - NORTH

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C6 of C18

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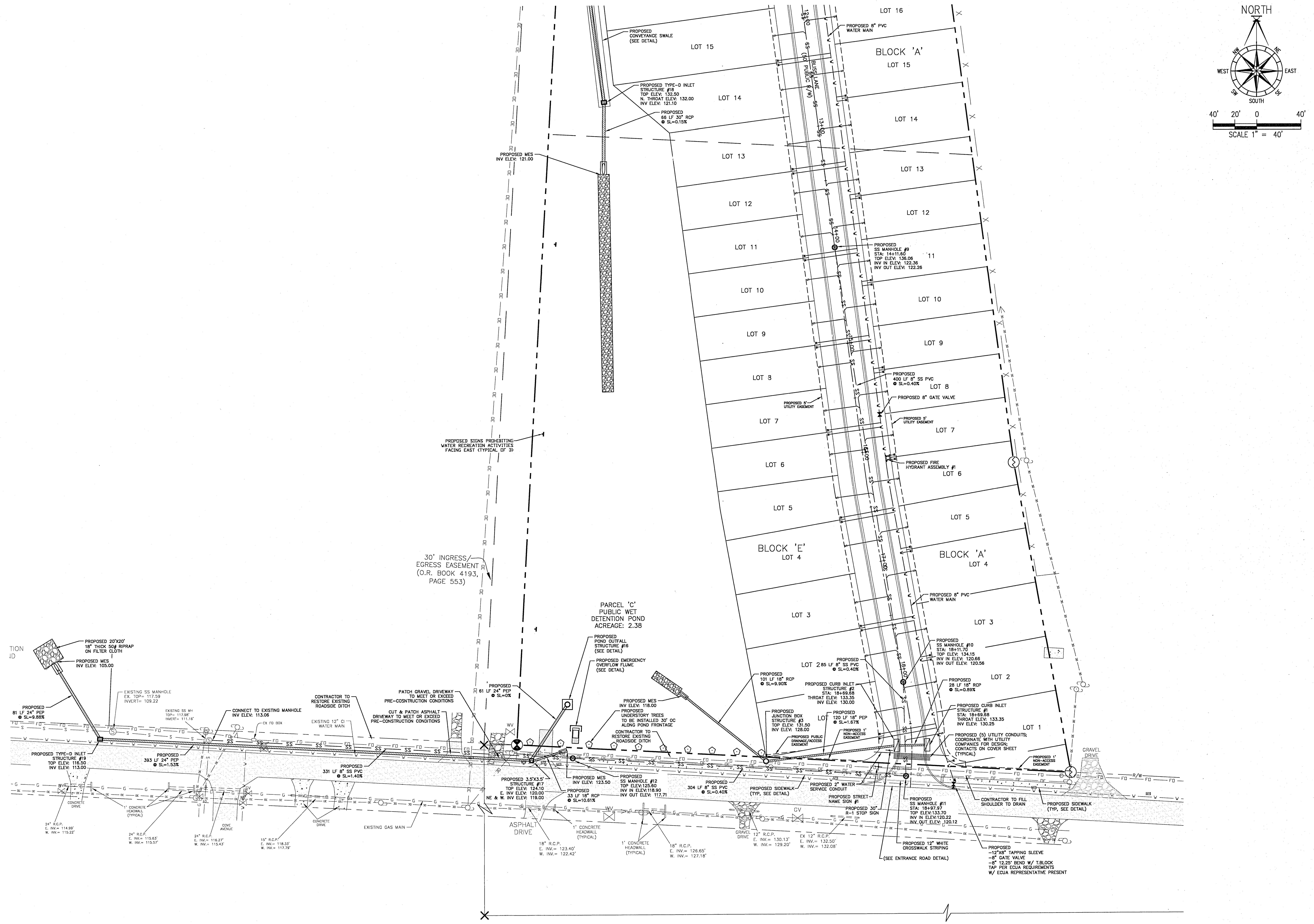

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PENSACOLA, FL 32534
PH: (850)476-8677 FAX: (850)476-7708

ALLISON ACRES

SITE / UTILITY PLAN - SOUTH

DATE	REVISION	NUMBER

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

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

5/12/21

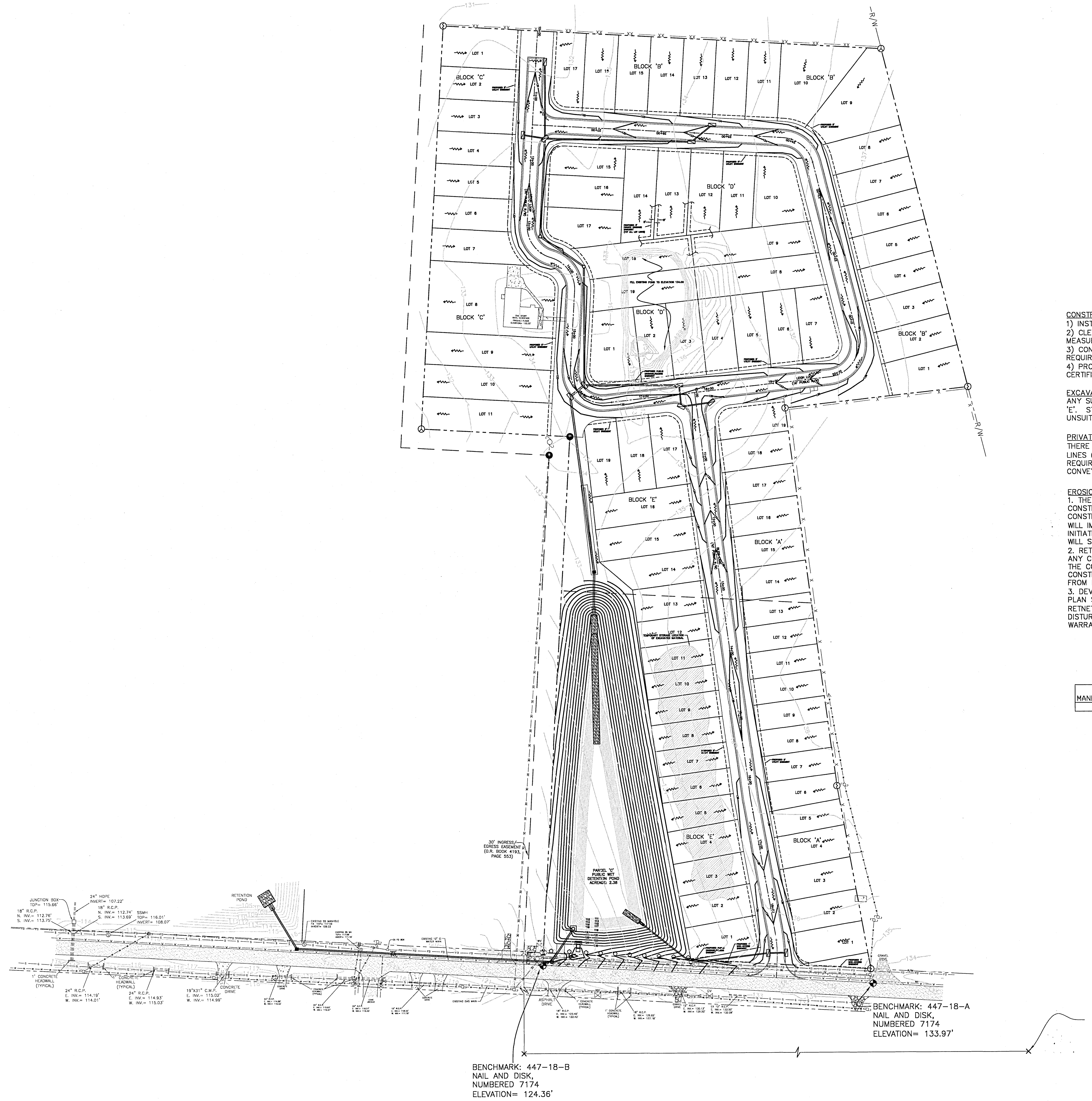
DATE

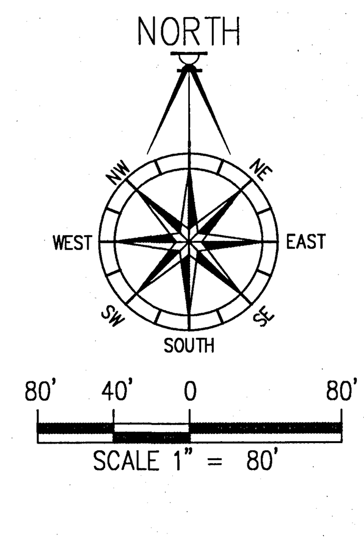
PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C7 of C18

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





CONSTRUCTION SEQUENCE

1) INSTALL PERIMETER EROSION CONTROL MEASURES
2) CLEAR AND GRUB AREAS REQUIRED TO BE CLEARED. ADD EROSION CONTROL MEASURES AT SPECIFIC TROUBLESOME AREAS.
3) CONSTRUCT ALL OF PROJECT MONITORING EROSION CONTROL BMPs PER NPDES REQUIREMENTS.
4) PROVIDE ASBUILT INFORMATION TO ENGINEER OF RECORD FOR FINAL CERTIFICATION.

EXCAVATED MATERIAL NOTE:

ANY SUITABLE EXCAVATED MATERIAL WILL BE STOCKPILED ON LOTS 3–12 OF BLOCK 'E'. STORAGE AREAS ARE TO BE PROTECTED BY A SILT FENCE BARRIER. ANY UNSUITABLE MATERIAL WILL BE HAULED OFFSITE TO AN APPROVED LAND FILL.

PRIVATE DRAINAGE EASEMENT NOTE:

THERE IS A MINIMUM 5' PRIVATE DRAINAGE EASEMENT ALONG ALL COMMON LOT LINES (10' CUMULATIVE). HOME BUILDER IS TO CONSTRUCT DRAINAGE SWALES AS REQUIRED ALONG THESE EASEMENTS TO DIRECT WATER TO A STORM WATER CONVEYANCE SYSTEM AND NOT ACROSS NEIGHBORING LOTS.

EROSION CONTROL NOTES:

1. THE OWNER, VIA A CERTIFIED EROSION CONTROL SPECIALIST, WILL SUBMIT A CONSTRUCTION COMMENCEMENT NOTICE AT LEAST 48 HOURS PRIOR TO INITIATING CONSTRUCTION ACTIVITIES. UPON INITIATING CONSTRUCTION ACTIVITIES THE OWNER WILL IMMEDIATELY INSTALL ALL BMP'S AS SHOWN ON THE DRAINAGE PLAN BEFORE INITIATING ANY OTHER ACTIVITIES. THE OWNER, VIA THE ENGINEER OF RECORD, WILL SUBMIT AS–BUILT CERTIFICATION FOR THE PROJECT.
2. 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.
3. DEVELOPER/CONTRACTOR/HOME OWNERS ASSOCIATION SHALL RESHAPE PER PLAN SPECIFICATIONS, CLEAN OUT ACCUMULATED SILT, AND STABILIZE RETNETION/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.

DRAINAGE STRUCTURE TABLE

MANHOLES	INLETS	OUTFALL STRUC.	PIPE (FEET) 18"	24"	30"
4	14	1	745'	679'	782'

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ALLISON ACRES

DRAINAGE PLAN - OVERALL

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C8 OF C18

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

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ALLISON ACRES

DRAINAGE PLAN - NORTH

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

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

DATE

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C9 OF C18

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

ALLISON ACRES

DRAINAGE PLAN - SOUTH

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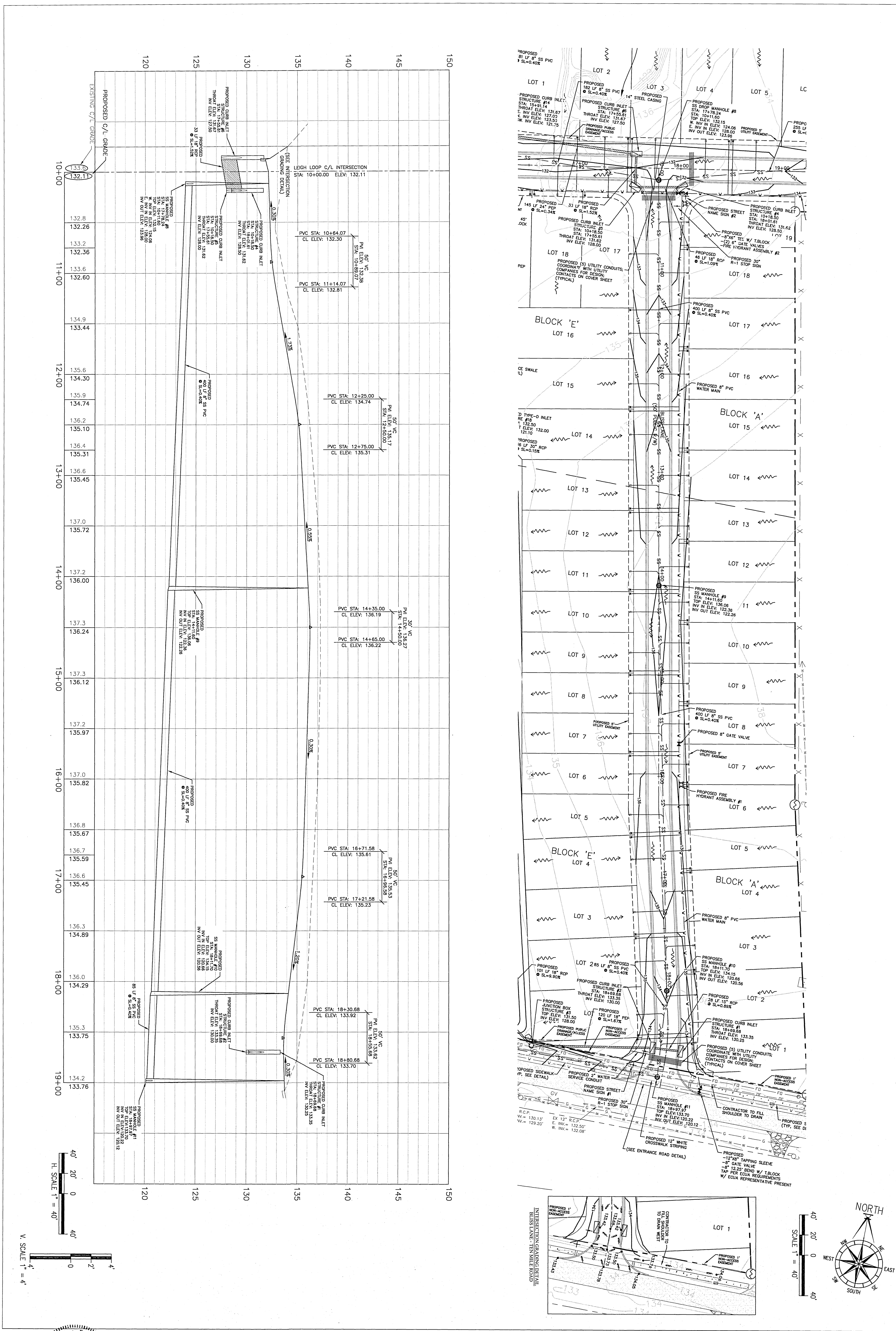
NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL



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

NUMBER	REVISION	DATE

ALLISON ACRES

PLAN / PROFILE - BLISS LANE

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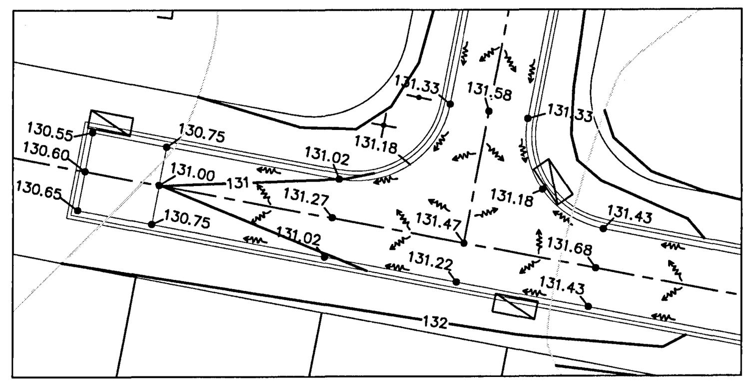
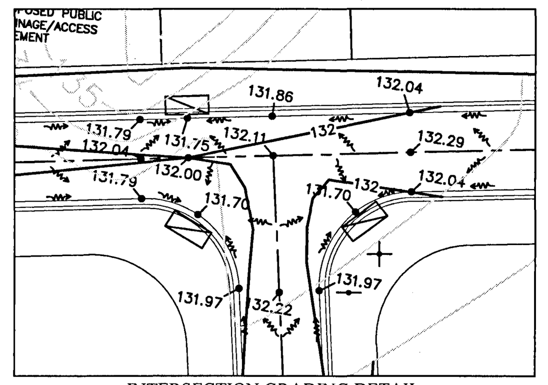
DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK
SIGNATURE & SEAL

PROJECT NUMBER: 20015
DATE: 5/12/21
SHEET C11 of C18

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

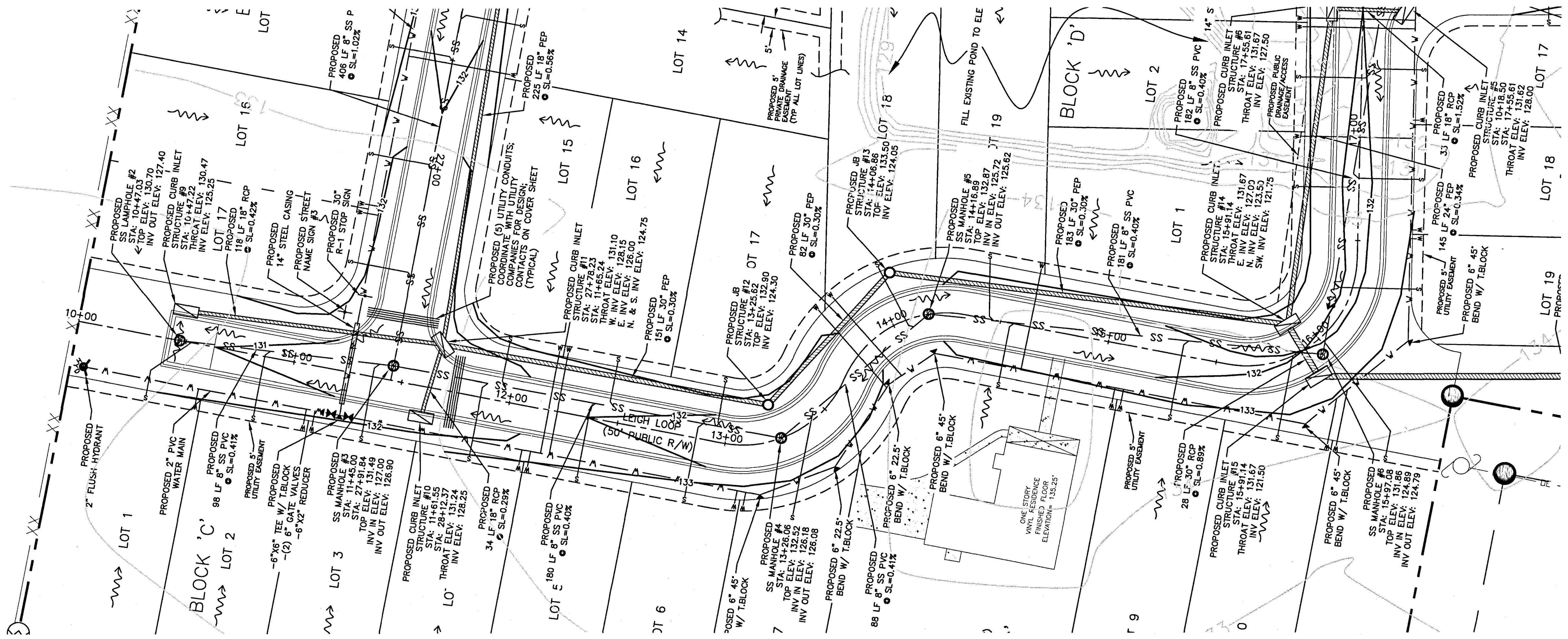


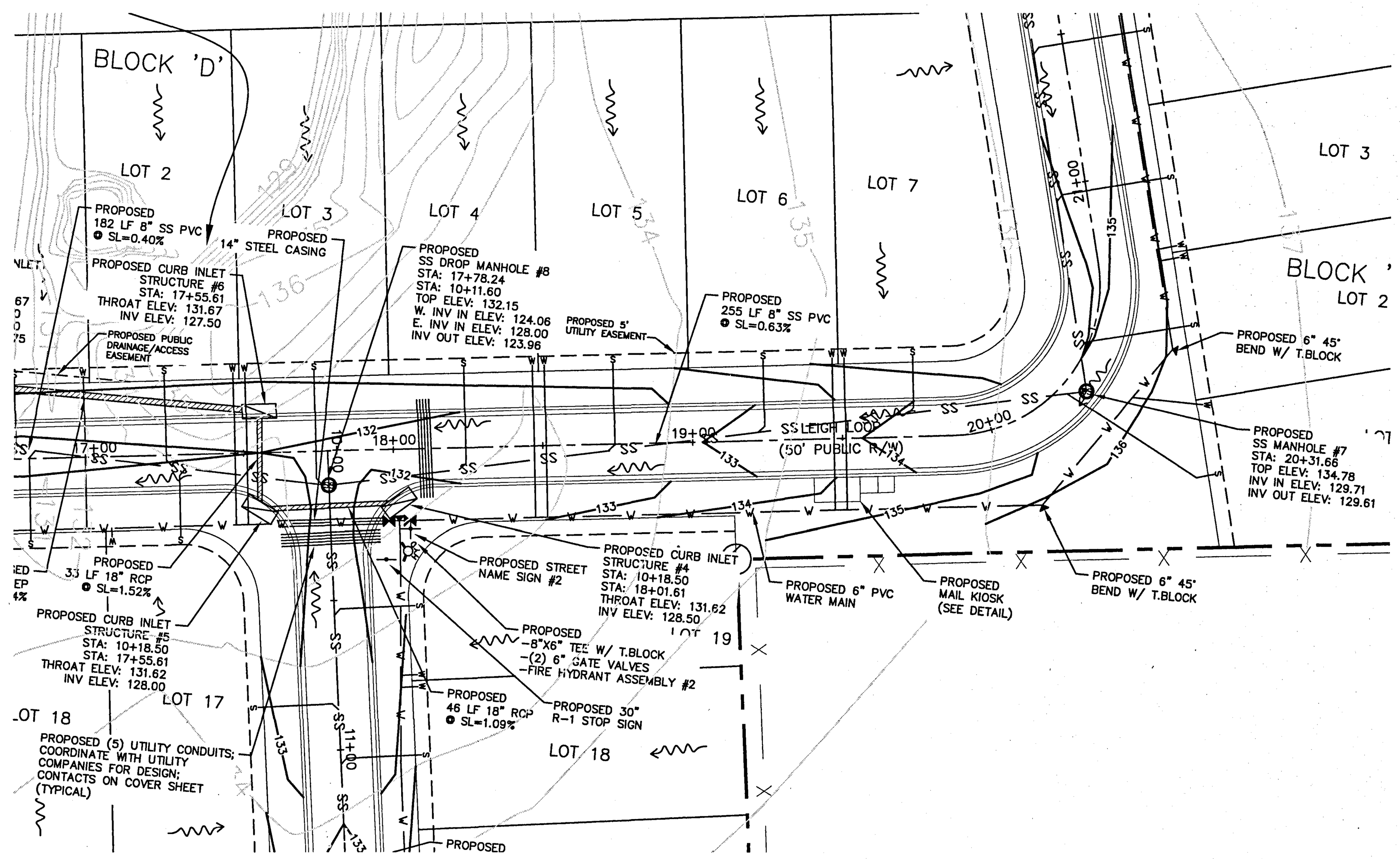
INTERSECTION GRADING DETAIL
LEIGH LOOP - LEIGH LOOP

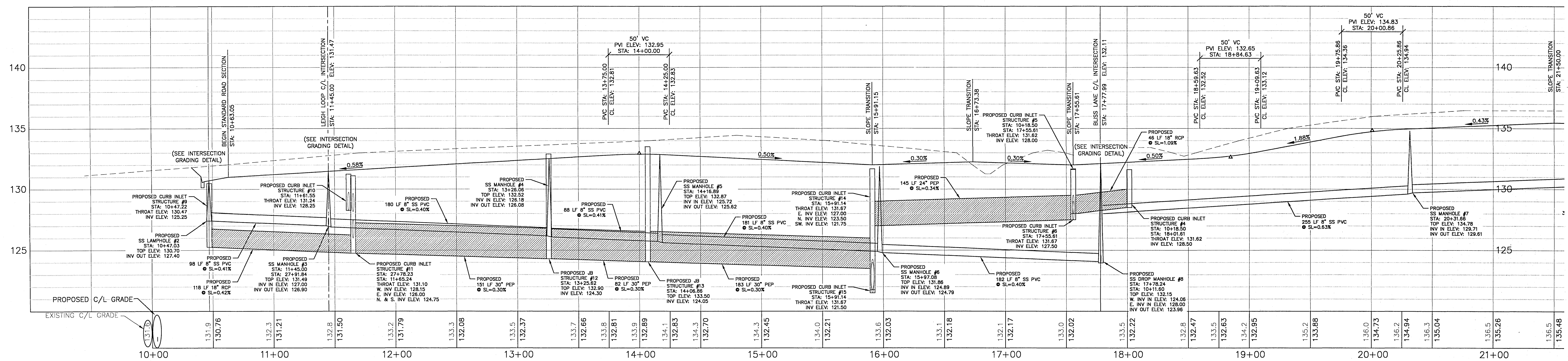


INTERSECTION GRADING DETAIL
BLISS LANE - LEIGH LOOP

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







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

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

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ALLISON ACRES

PLAN / PROFILE - LEIGH LOOP

NUMBER	REVISION	DATE

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

SIGNATURE & SEAL

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

PLOT DATE 5/12/21
SHEET C12 OF C18

ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH
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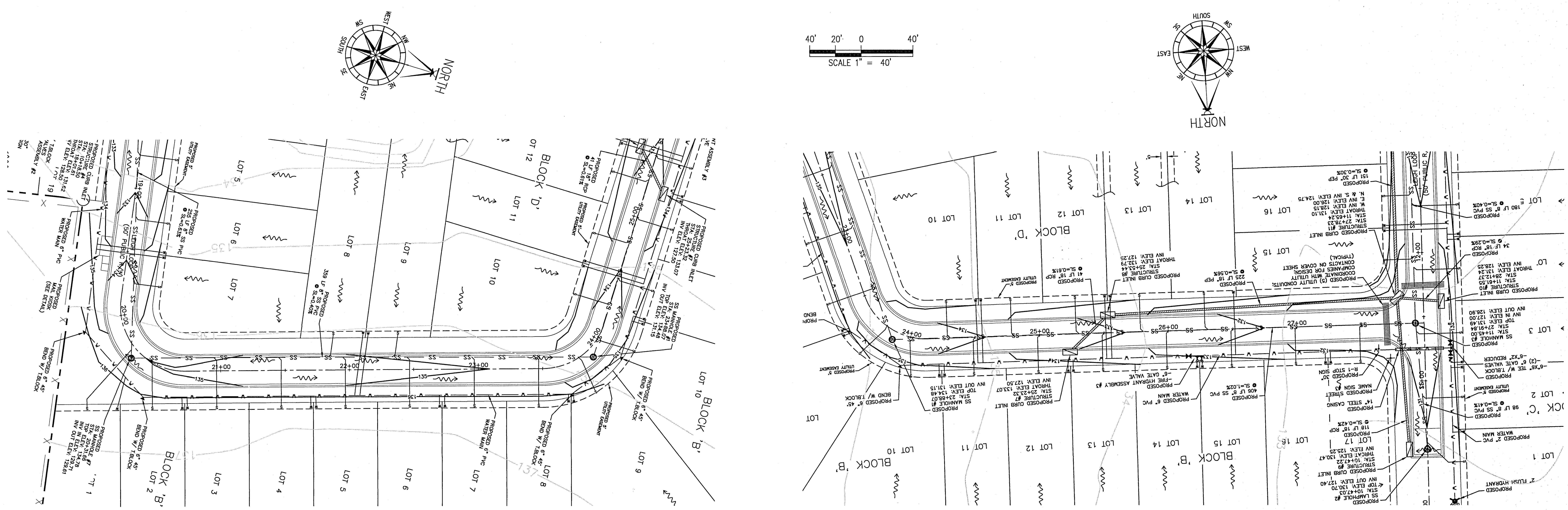

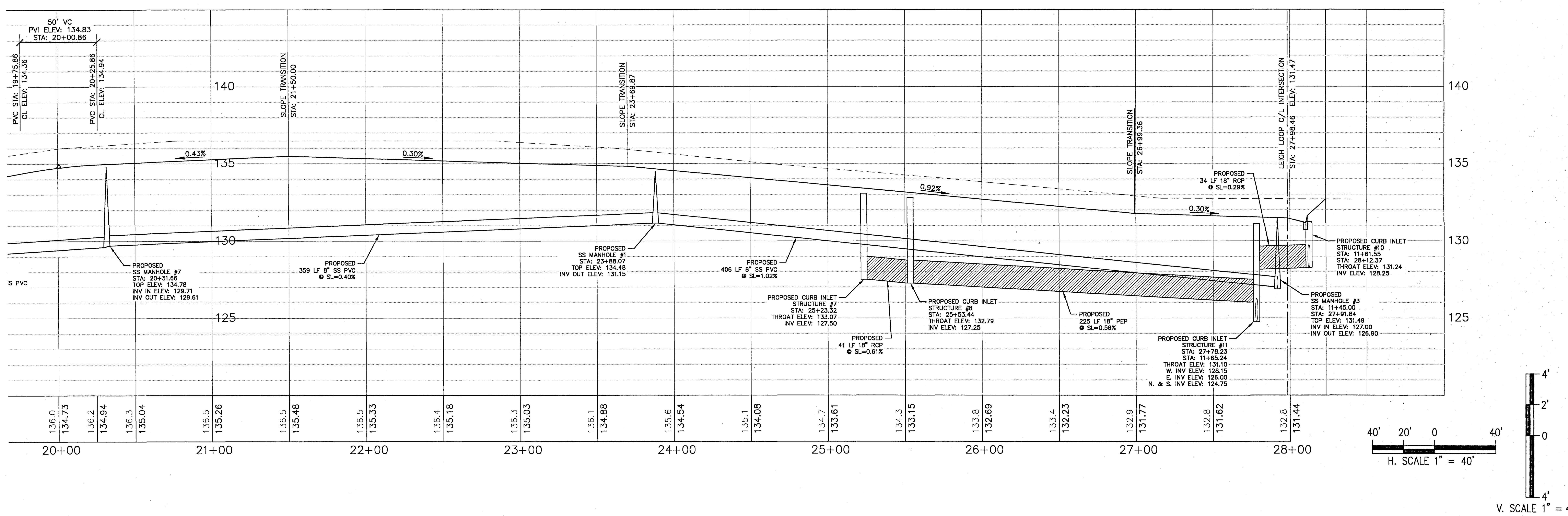

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ALLISON ACRES

PLAN / PROFILE - LEIGH LOOP

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

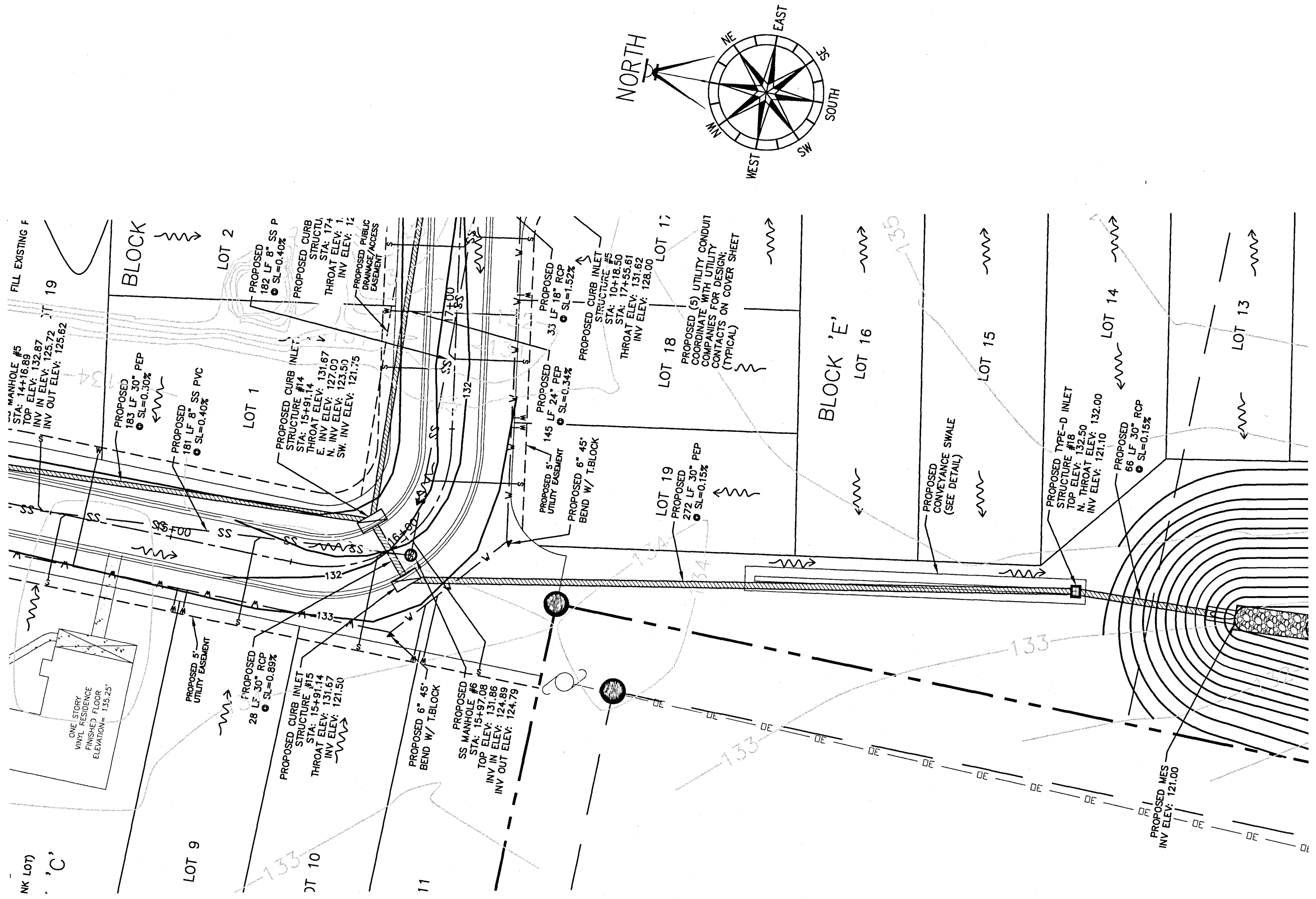
DAVID W. FITZPATRICK LICENSE No. 47818 STATE OF FLORIDA PROFESSIONAL ENGINEER

PROJECT NUMBER 20-015

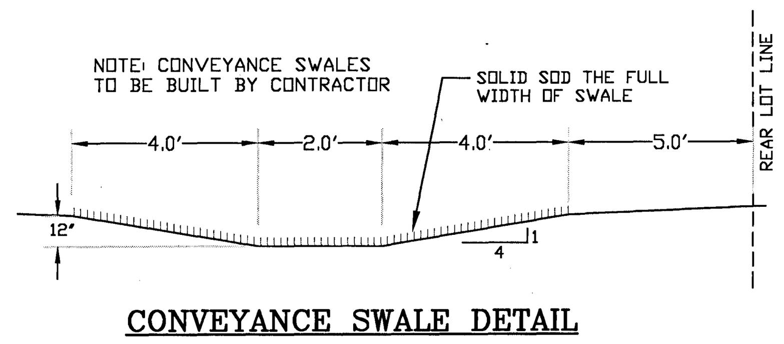
PLOT DATE 5/12/21

SHEET C13 OF C18

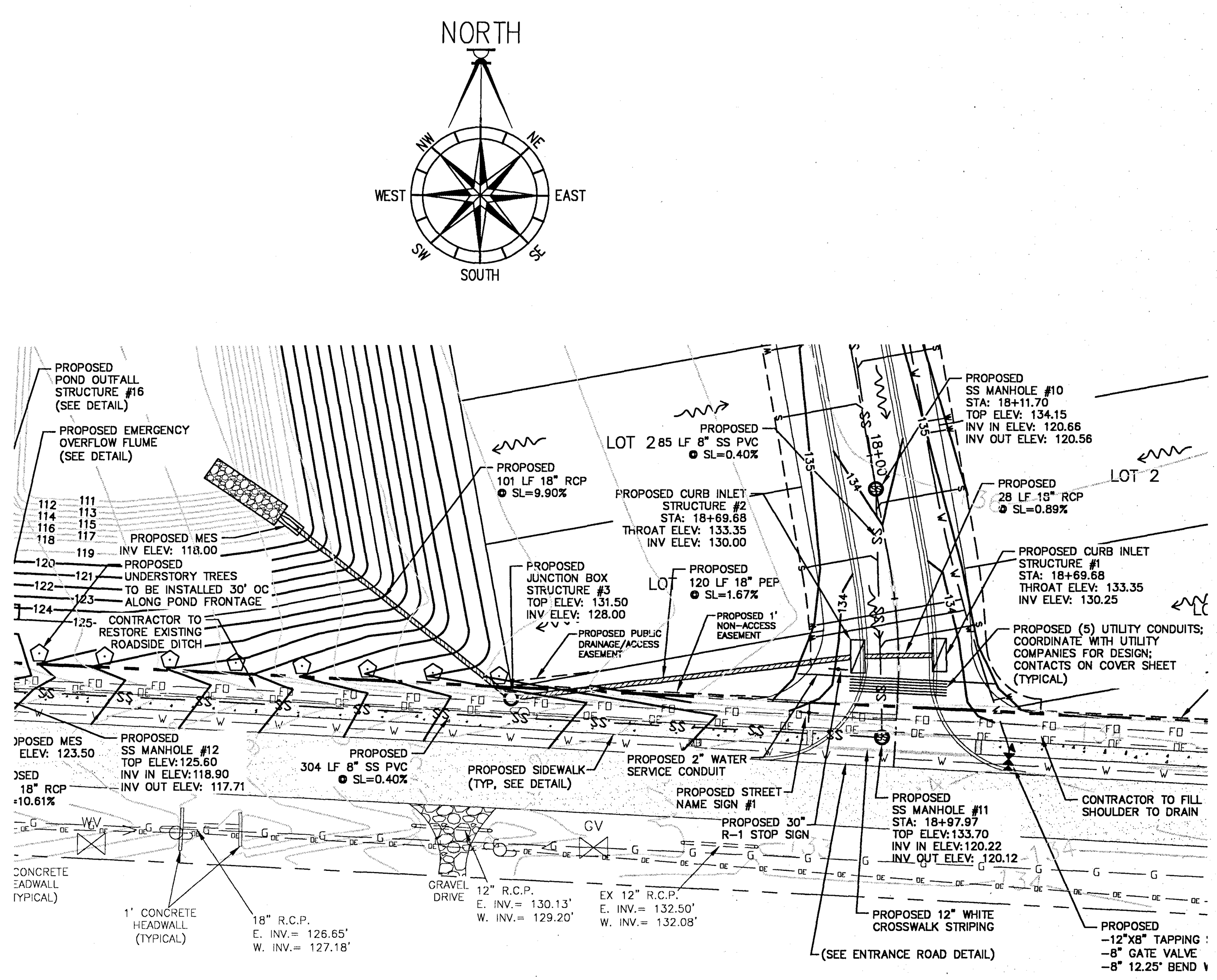
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL

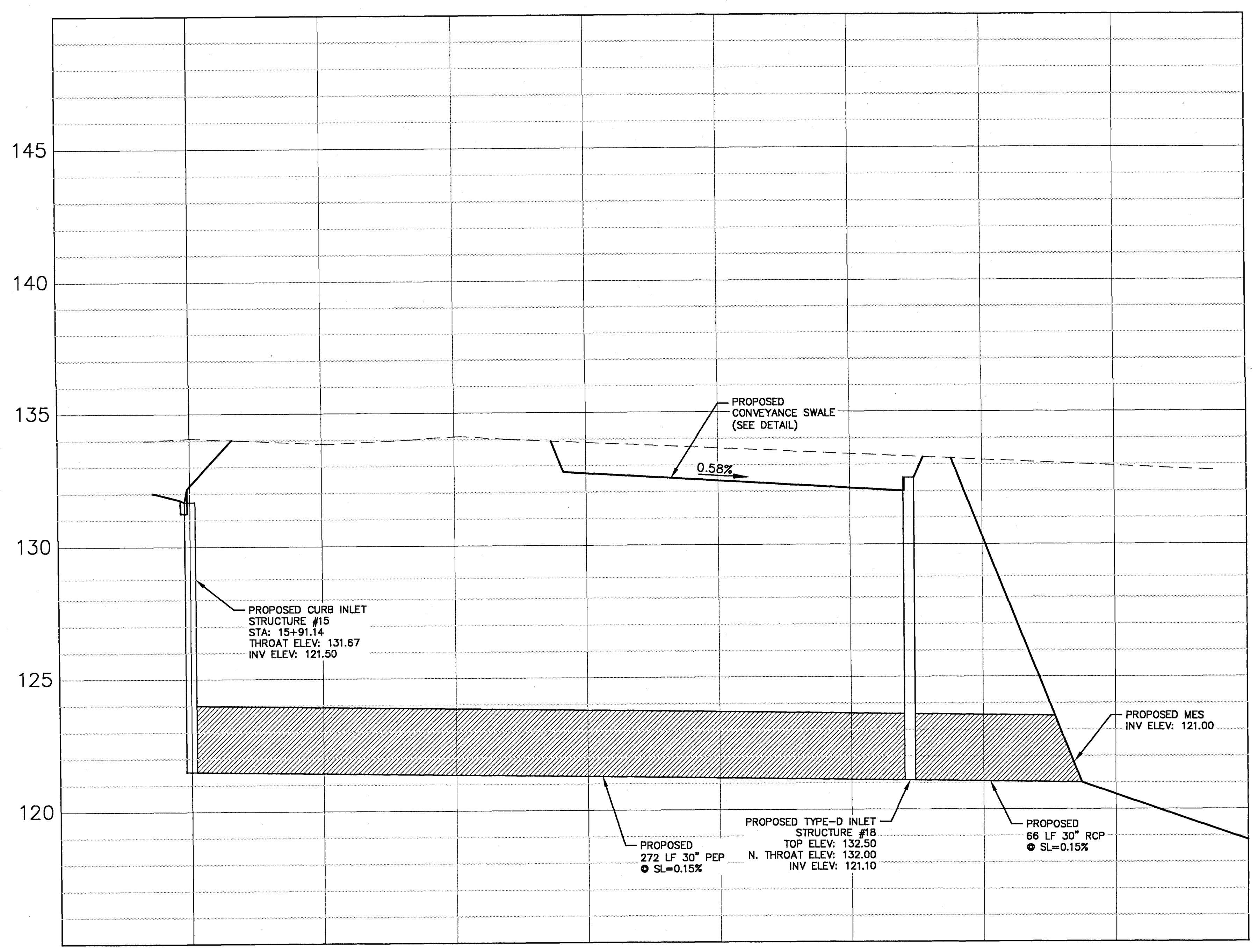


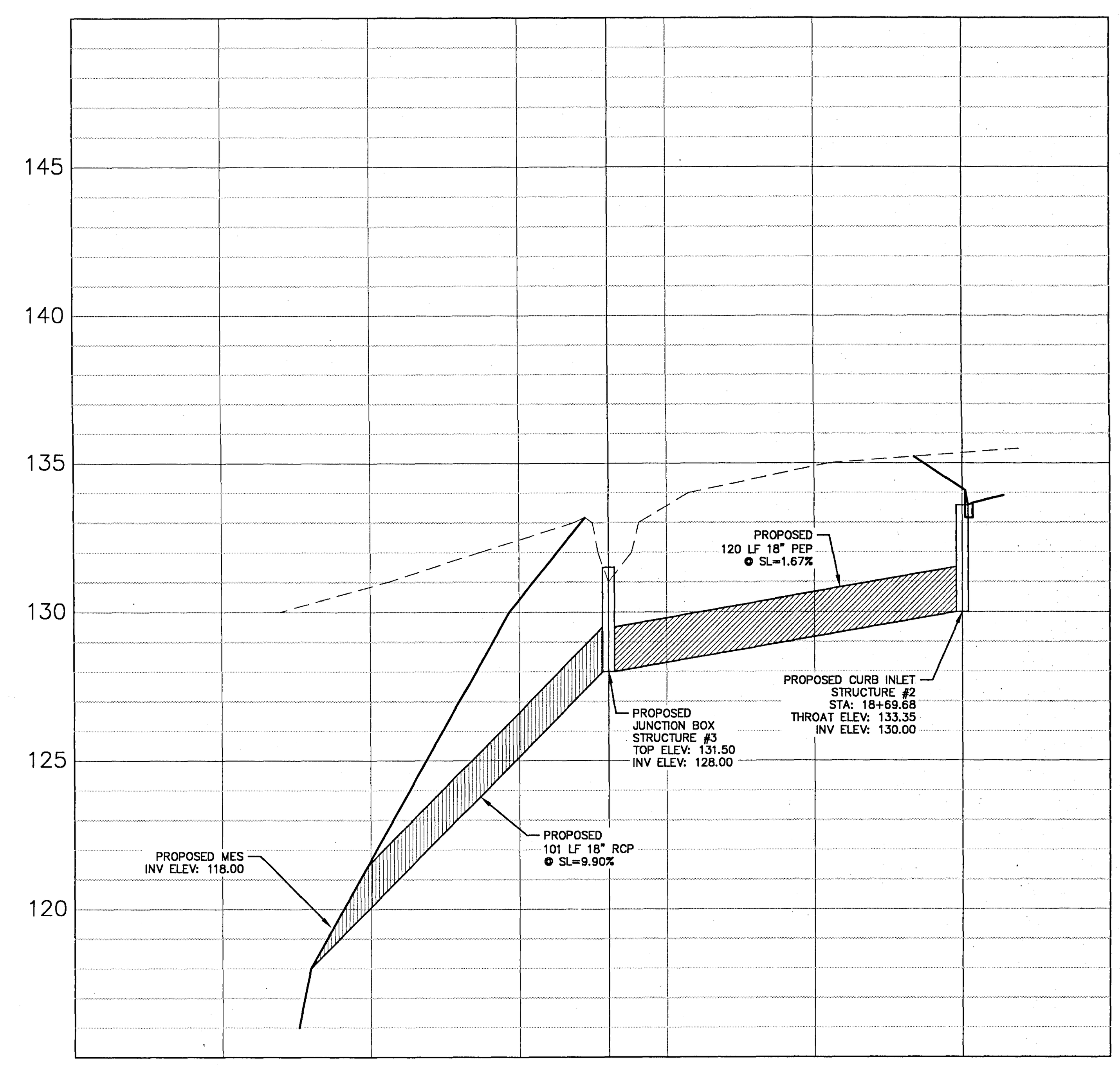
40' 20' 0 40'
SCALE 1" = 40'



CONVEYANCE SWALE DETAIL
NTS







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

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

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ALLISON ACRES

PLAN / PROFILE - MISC. STORMWATER PIPES

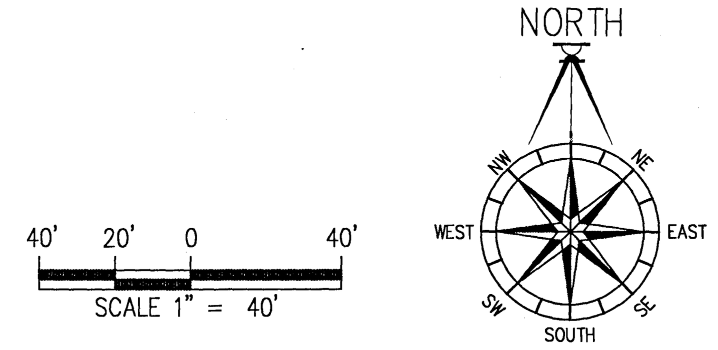
NUMBER	REVISION	DATE

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

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

PROJECT NUMBER 20-015
PLOT DATE 5/12/21
SHEET C14 OF C18

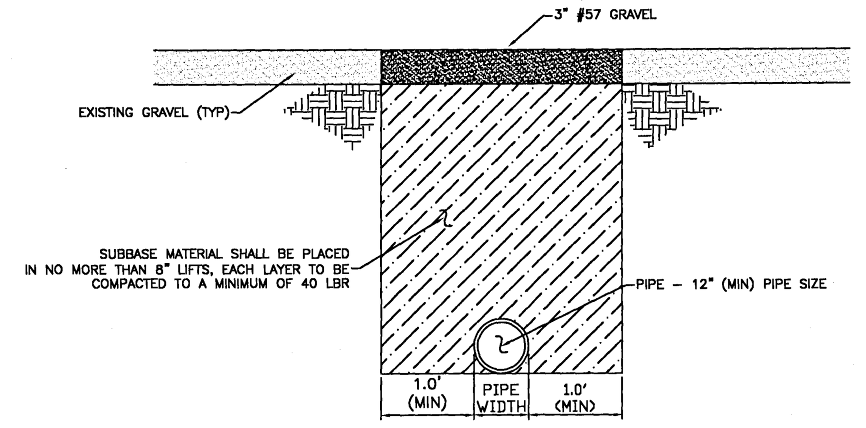
ALL WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT EDITION OF ECUA'S ENGINEERING MANUAL



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

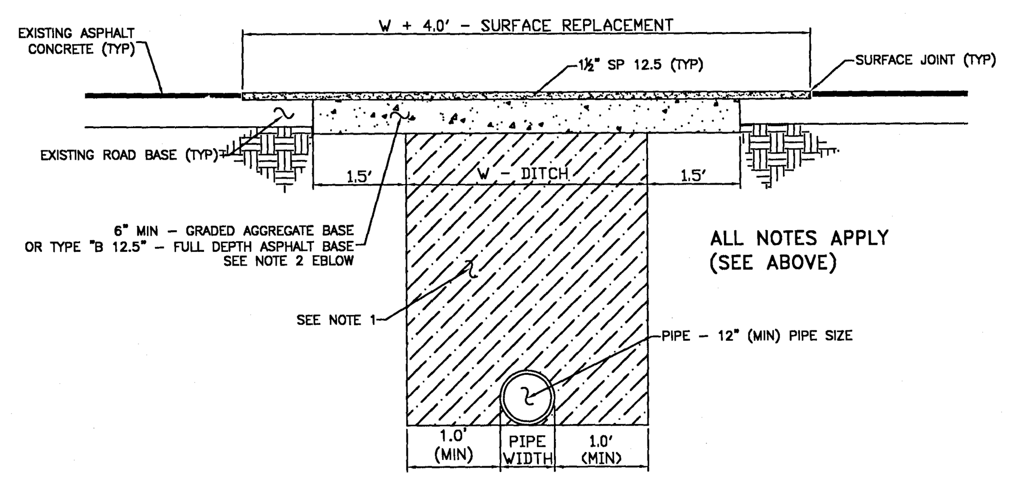
NOTES:

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.

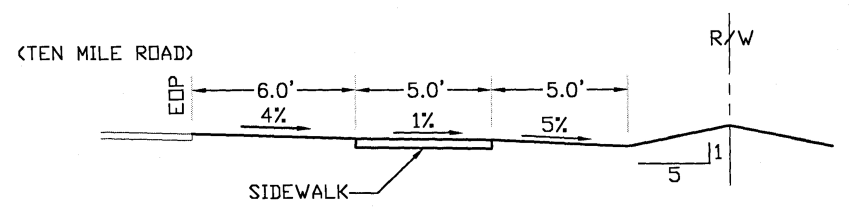
3. ROAD CUTS SHALL BE MECHANICALLY SAW CUT TO FORM A SURFACE PAVEMENT JOINT AND TACK COATED ALONG THE FACE OF CUT JOINTS PRIOR TO ASPHALT PLACEMENT.

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.



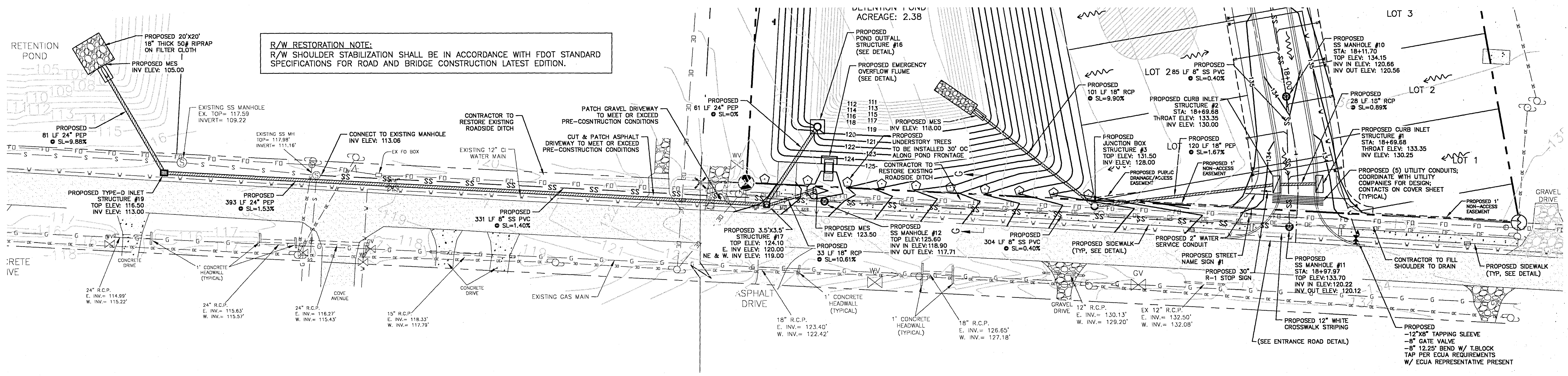
ASPHALT PATCH DETAIL

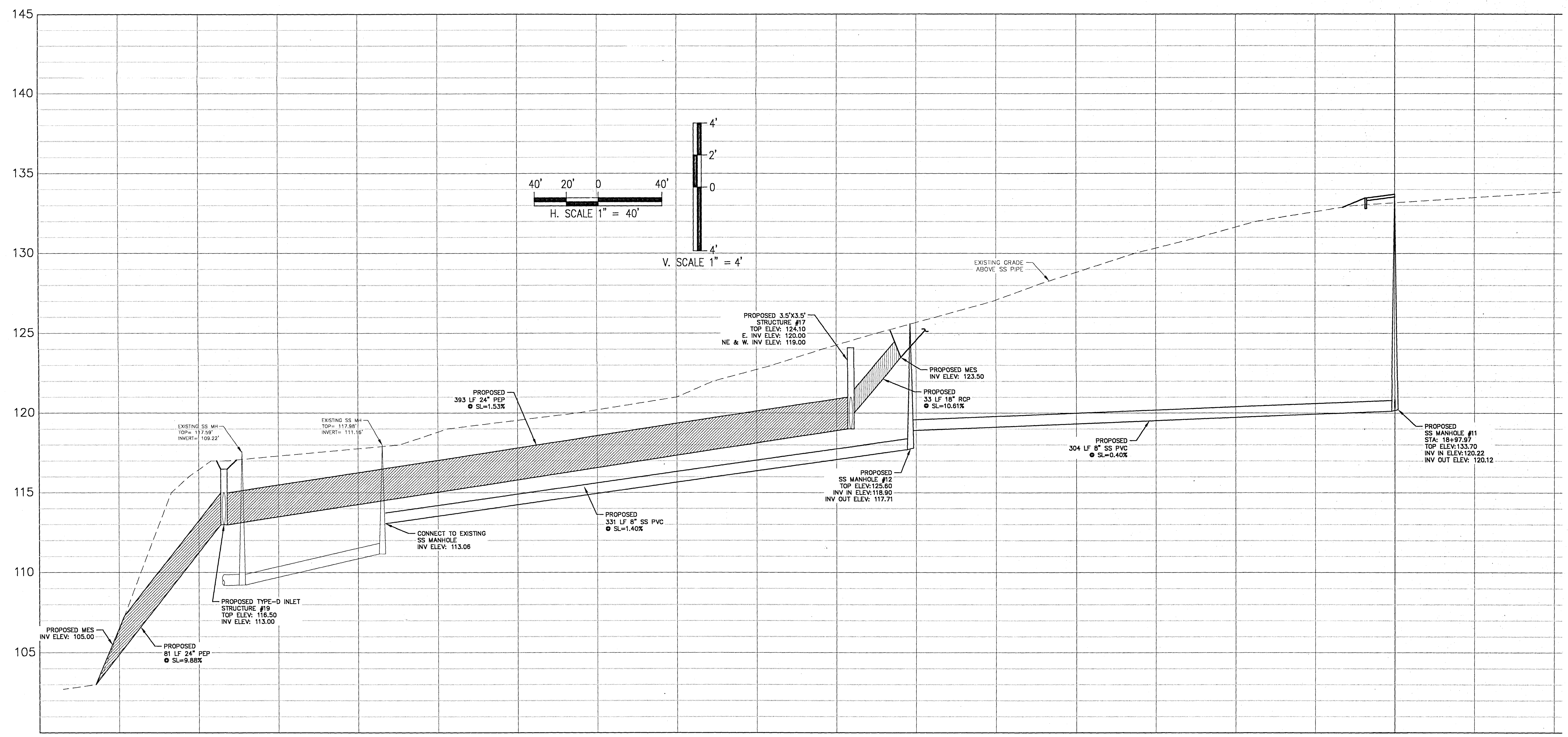
FOR PATCHES 24" WIDE OR GREATER



SECTION G-G

NTS





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ALLISON ACRES

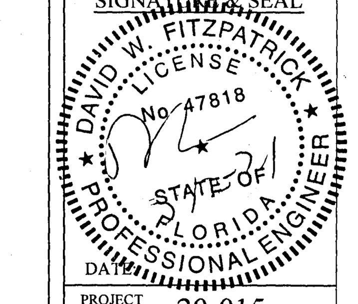
PLAN / PROFILE - OFFSITE

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL



DATE

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C15 OF C18

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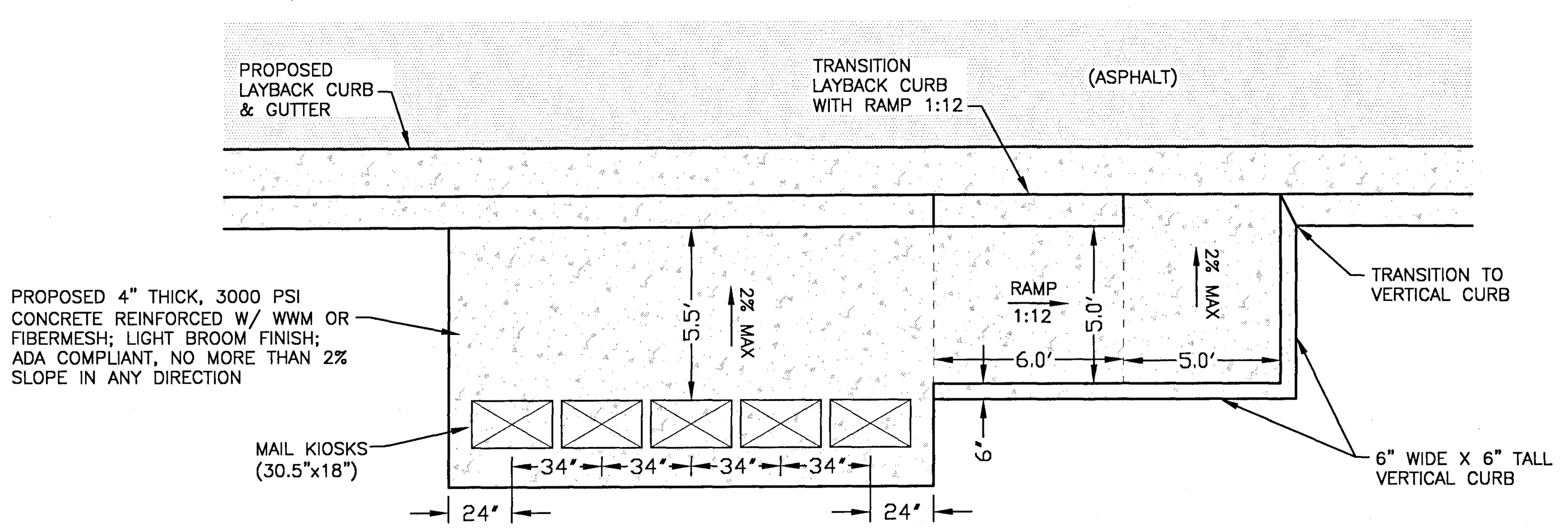
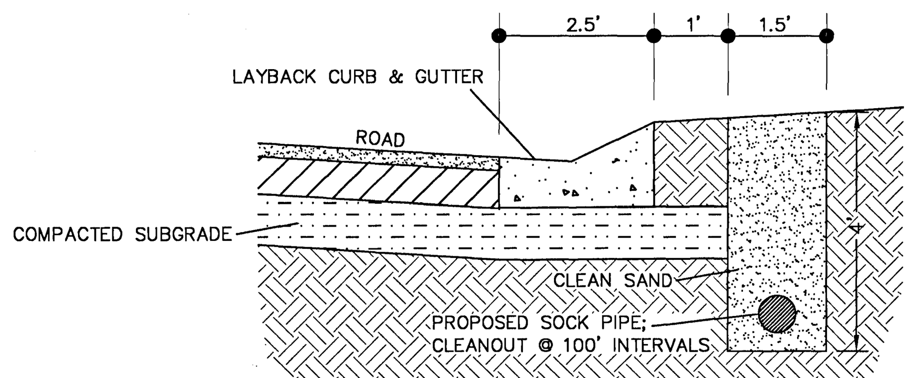


NOTE: KIOSK TO CONSIST OF (4) 20-UNIT & (1) 8-UNIT CBUs

MAIL KIOSK DETAIL

N.T.S.

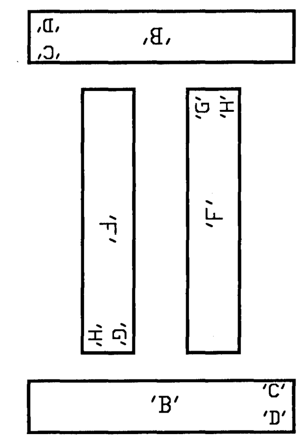
UNDERDRAIN IS TO BE INSTALLED AS NEEDED THROUGHOUT THE SUBDIVISION. CONTRACTOR TO CONTACT EOR IF GROUNDWATER IS ENCOUNTERED WITHIN 3' OF THE ROAD BASE.



NOTE: CONTRACTOR IS CAUTIONED TO CONTACT ENGINEER OF RECORD FOR DETERMINANTION OF ROADSIDE UNDERDRAIN INSTALLATION REQUIREMENTS OR UNDERCUTTING AND SELECT MATERIAL PLACEMENTS.

ROADSIDE UNDERDRAIN DETAIL

NTS



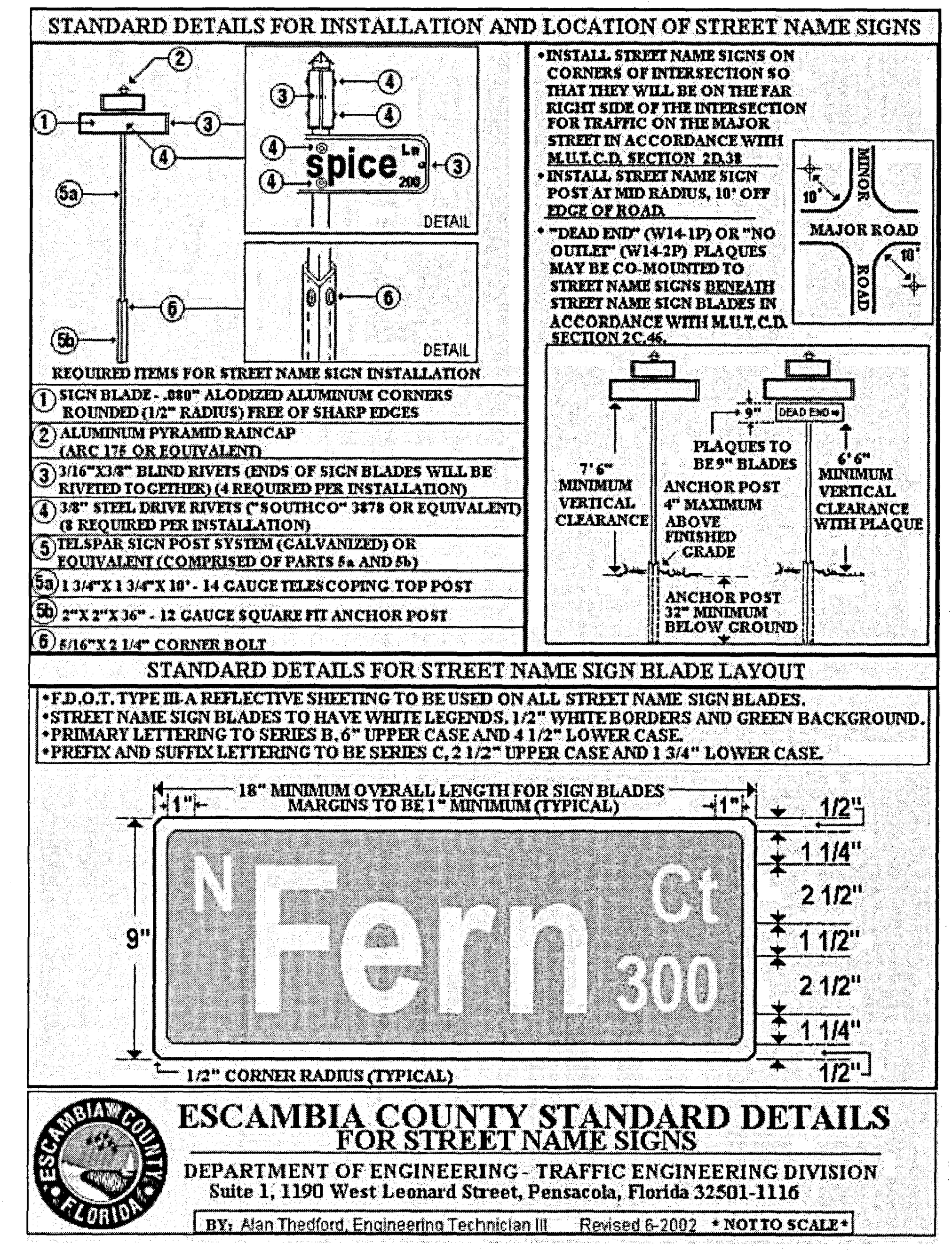
STREET RANGE SIGN DETAIL

NTS

STREET NAME SIGN NUMBER	'B'	'C'	'D'	ORIENTATION	'F'	'G'	'H'	ORIENTATION
1	Ten Mile	Rd	-TBD-	E/W	Bliss	Ln	-TBD-	N/S
2	Leigh	Loop	-TBD-	E/W	Bliss	Ln	-TBD-	N/S
3	Leigh	Loop	-TBD-	E/W	Leigh	Loop	-TBD-	N/S

"-TBD-" = TO BE DETERMINED

STREET RANGE SIGN TABLE



STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

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

REQUIRED ITEMS FOR STREET NAME SIGN INSTALLATION

1. SIGN BLADE - .080" ALODIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES
2. ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)
3. 3/16"X3/8" BLIND RIVETS (ENDS OF SIGN BLADES WILL BE RIVETED TOGETHER) (4 REQUIRED PER INSTALLATION)
4. 3/8" STEEL DRIVE RIVETS ("SOUTHCO" 3878 OR EQUIVALENT) (8 REQUIRED PER INSTALLATION)
5. TELSPAR SIGN POST SYSTEM (GALVANIZED) OR EQUIVALENT (COMPRISED OF PARTS 5a AND 5b)

5a. 1 3/4"X 1 3/4"X 10' - 14 GAUGE TELESCOPING TOP POST
5b. 2"X 2"X 36" - 12 GAUGE SQUARE FIT ANCHOR POST
6. 5/16"X 2 1/4" CORNER BOLT

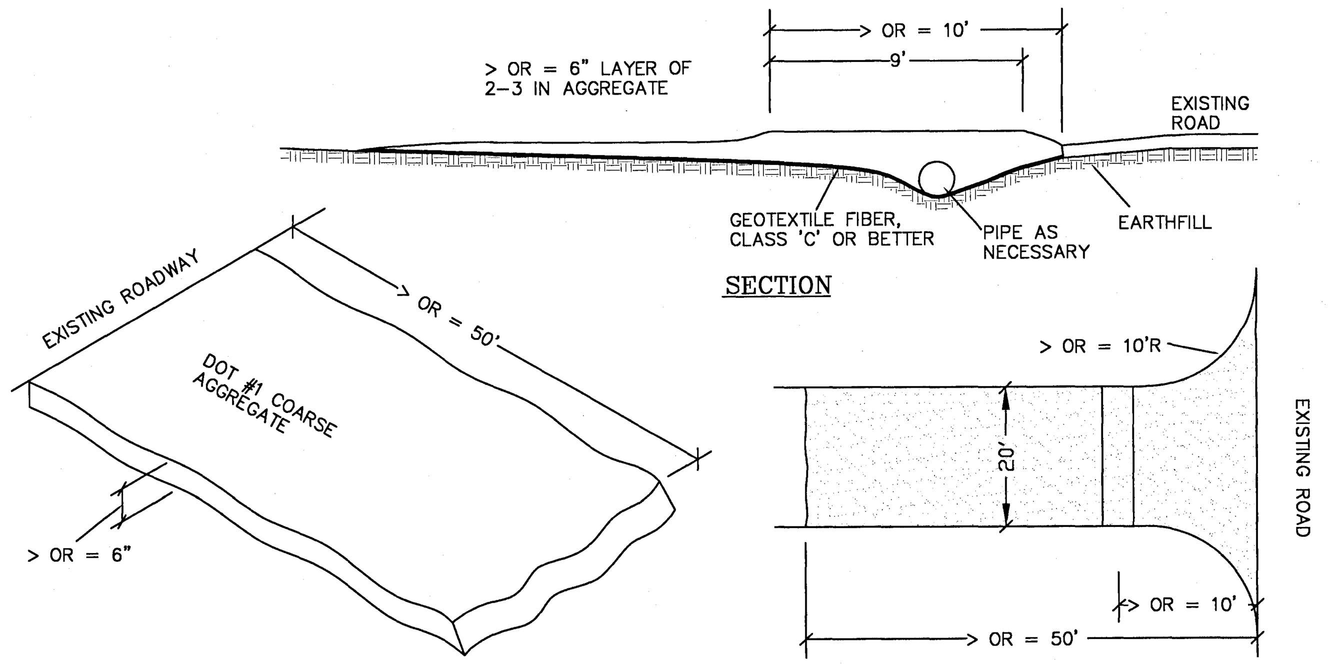
STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

- F.D.O.T. TYPE III-A REFLECTIVE SHEETING TO BE USED ON ALL STREET NAME SIGN BLADES.
- STREET NAME SIGN BLADES TO HAVE WHITE LEGENDS, 1/2" WHITE BORDERS AND GREEN BACKGROUND.
- PRIMARY LETTERING TO SERIES B, 6" UPPER CASE AND 4 1/2" LOWER CASE.
- PREFIX AND SUFFIX LETTERING TO BE SERIES C, 2 1/2" UPPER CASE AND 1 3/4" LOWER CASE.

ESCAMBIA COUNTY STANDARD DETAILS FOR STREET NAME SIGNS

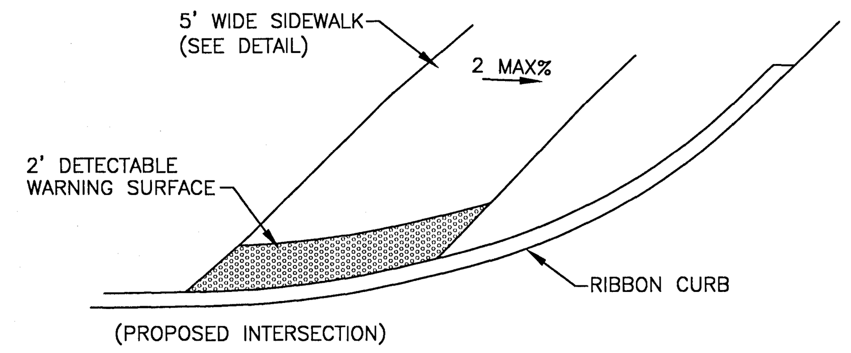
DEPARTMENT OF ENGINEERING - TRAFFIC ENGINEERING DIVISION
Suite 1, 1190 West Leonard Street, Pensacola, Florida 32501-1116

BY: Alan Thedford, Engineering Technician III Revised 6-2002 * NOT TO SCALE *



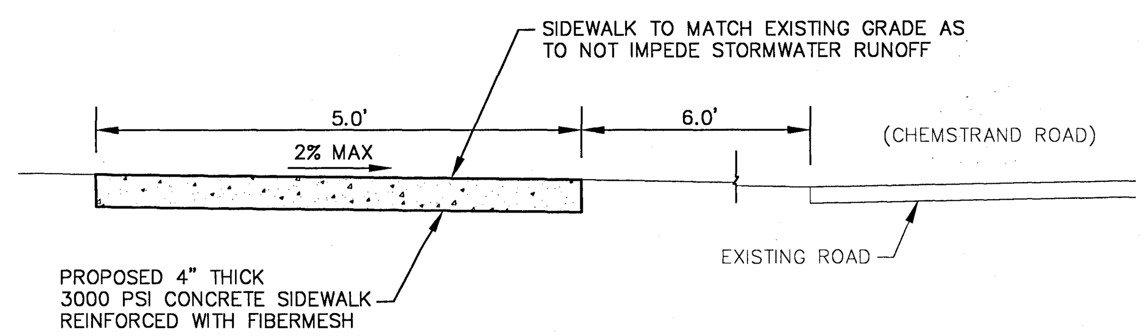
CONSTRUCTION ENTRANCE/EXIT PLAN VIEW

NTS



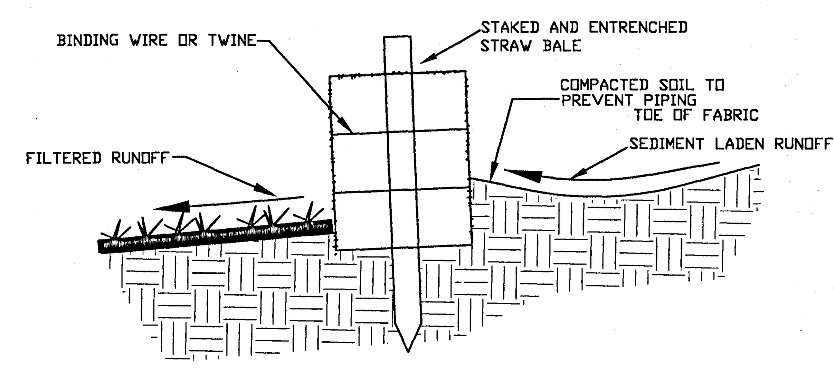
CURB RAMP DETAIL

NTS

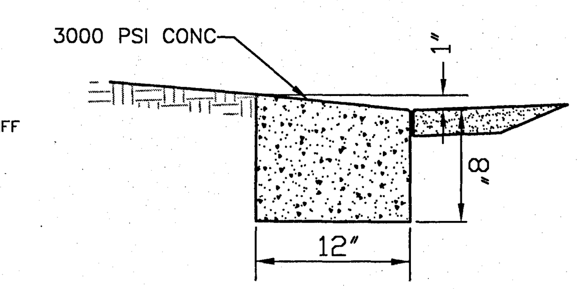


SIDEWALK DETAIL

NOT TO SCALE

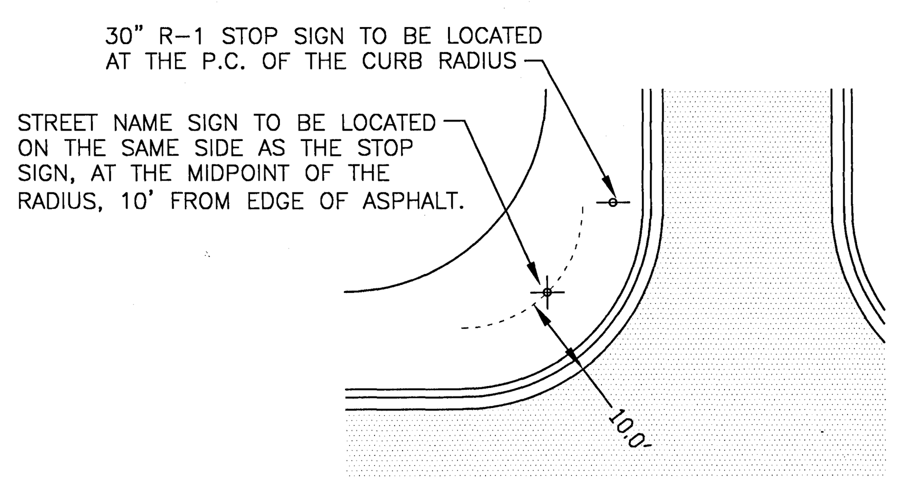


DETAIL OF PROPERLY INSTALLED STRAW BALE



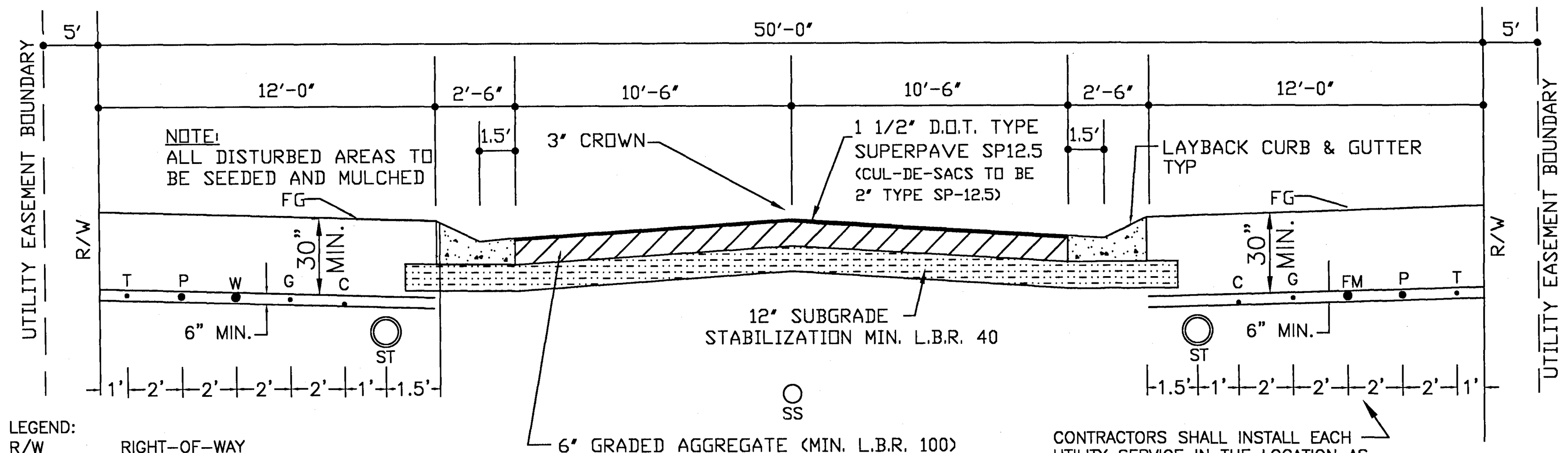
RIBBON CURB

NTS



INTERSECTION SIGN DETAIL

N.T.S.



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

NOTE: ALL UTILITIES WITHIN THE RIGHT OF WAY SHALL HAVE A MIN. COVER OF 30 INCHES FROM FINISHED GRADE.

PAVEMENT SECTION NOTES:

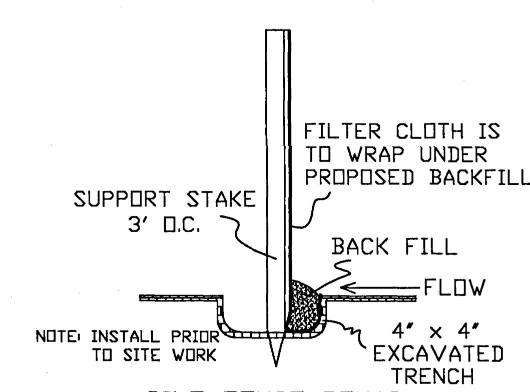
1. WATER SHALL BE A MIN. OF 30" BELOW GRADE.
2. ALL UNSUITABLE MATERIALS BENEATH THE ROAD REQUIRE EXCAVATION AND BACKFILL WITH READILY COMPACTABLE SOILS IN 8" LIFTS AND STABILIZED TO A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D1557);
3. 6" BASE REQUIRES A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D 1557).
4. 12" SUBGRADE REQUIRES A MINIMUM SOIL DENSITY OF 98% OF THE MODIFIED PROCTOR TEST (ASTM D 1557)
5. ANY FILL MATERIAL PLACED UNDER PAVEMENTS SHALL BE COMPACTED TO A MINIMUM 98% OF MODIFIED PROCTOR.
6. 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.

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 UTILITY. 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.

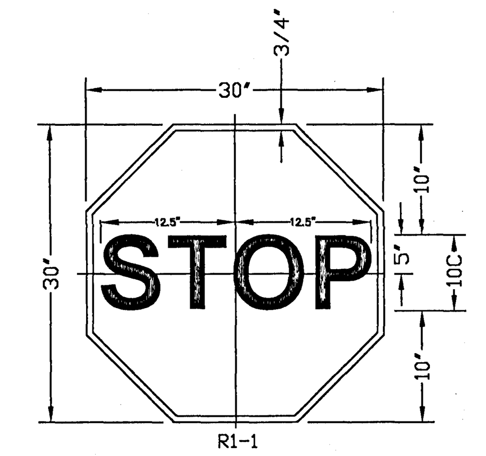
COMMON TRENCH DETAIL/ROAD CROSS SECTION

NOT TO SCALE



SILT FENCE DETAIL

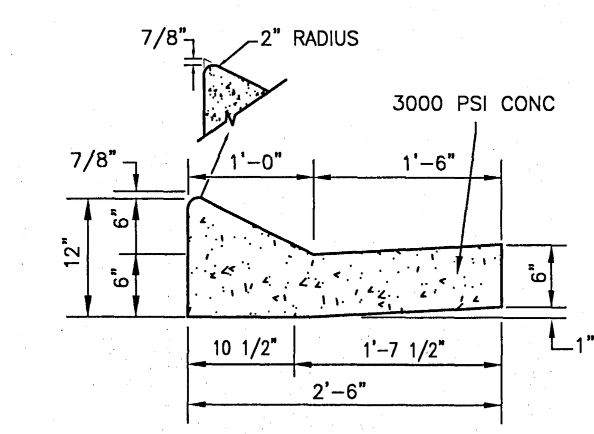
N.T.S.



COLORS
LEGEND - WHITE (REFL)
BACKGROUND - RED (REFL)

STOP SIGN DETAIL

N.T.S.



LAYBACK CURB & GUTTER

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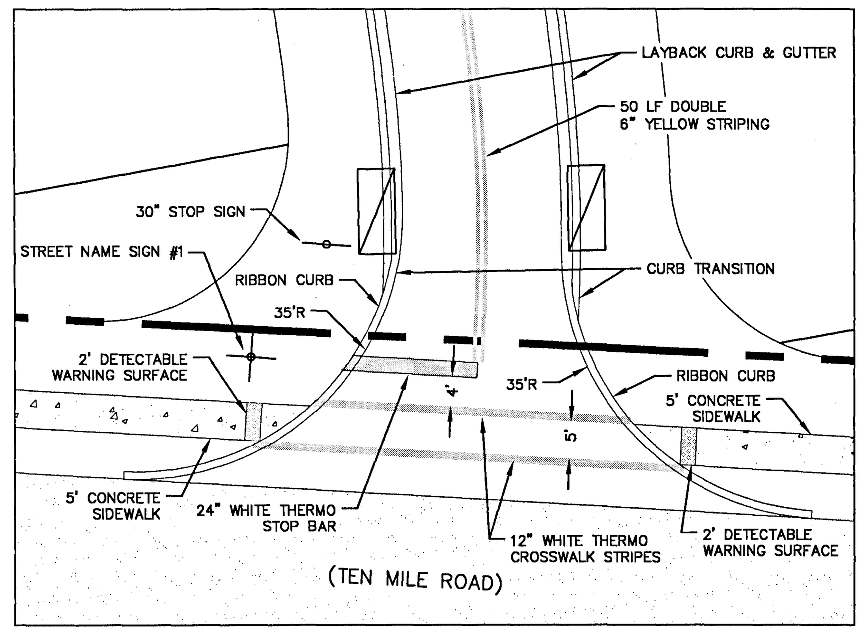
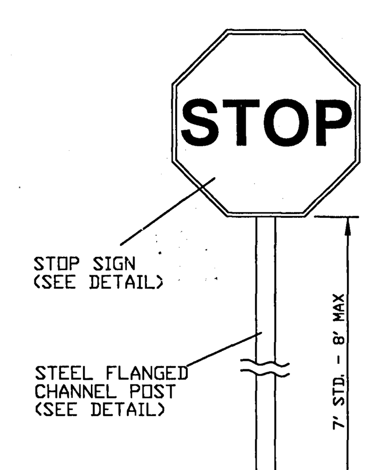


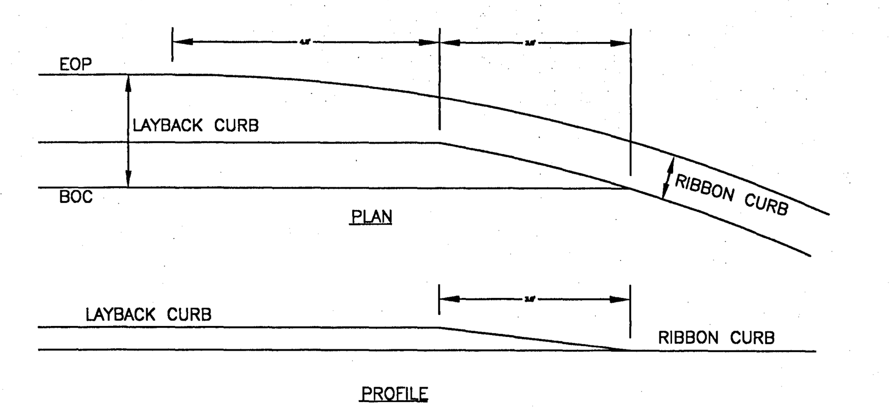
ENTRANCE ROAD DETAIL

NTS



SIGN MOUNTING HEIGHT DETAIL

N.T.S.



CURB TRANSITION DETAIL

NTS

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ALLISON ACRES

ROAD DETAILS

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL

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

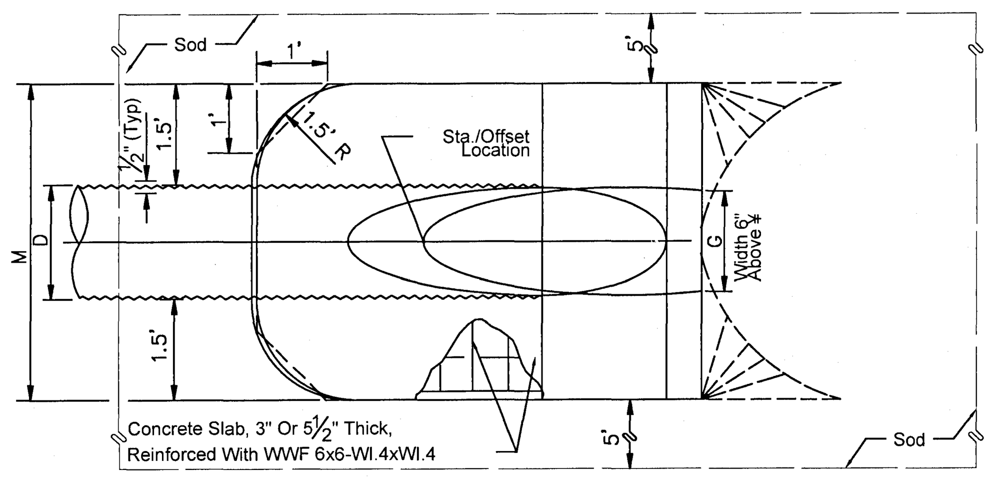
DATE:

PROJECT NUMBER 20-015

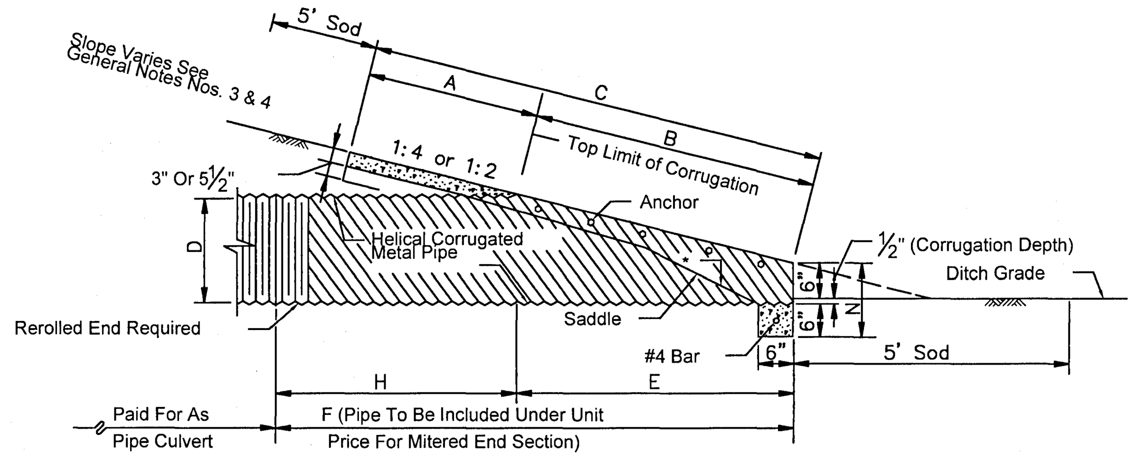
PLOT DATE 5/12/21

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

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 DESIGN STANDARD PLAN NO. 430-001.

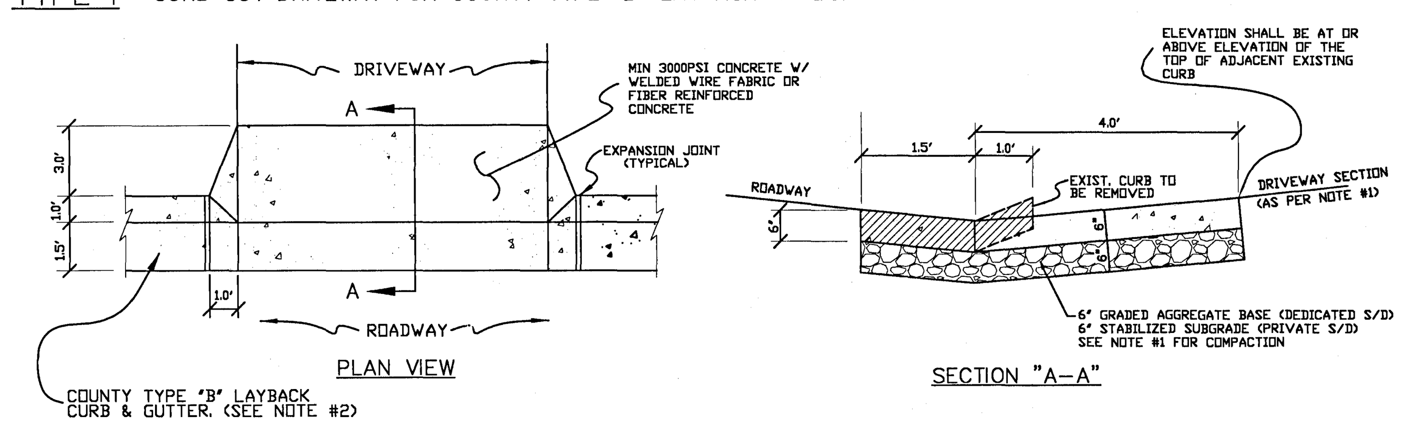
FDOT MES DETAIL
NTS

TYPICAL DRIVEWAY CONNECTION STANDARDS FOR NEW SUBDIVISION (CURB & GUTTER) ROADWAY CONDITIONS

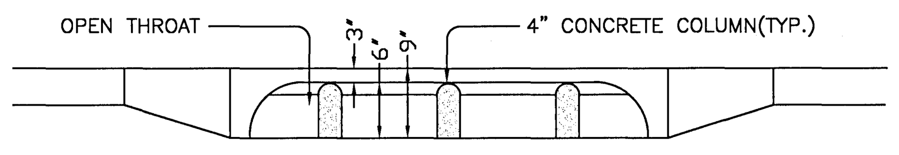
NOTES:

1. DRIVEWAY SECTIONS ABUTTING CURB OR CURB CUT SHALL BE 6' CONCRETE WITH 6' STABILIZED SUBGRADE AND 4' TO 6' CONCRETE DRIVEWAY WITH 4' STABILIZED SUBGRADE ~ 95% COMPACTION (MODIFIED PROCTOR) WITH LBR 40 BETWEEN EDGE OF ROADWAY AND R/W LINE.
2. FOR OTHER TYPE CURBS, DIMENSIONS MAY BE ADJUSTED TO FIT. IF NECESSARY, REFER TO F.D.O.T. INDEX DETAILS.
3. DRIVEWAYS WITHIN PROPERTY BOUNDARY SHALL PROVIDE A MINIMUM OF 2 PARKING SPACES.
4. TYPICAL DRIVEWAY SECTIONS ARE TO BE 12' WIDE MINIMUM.

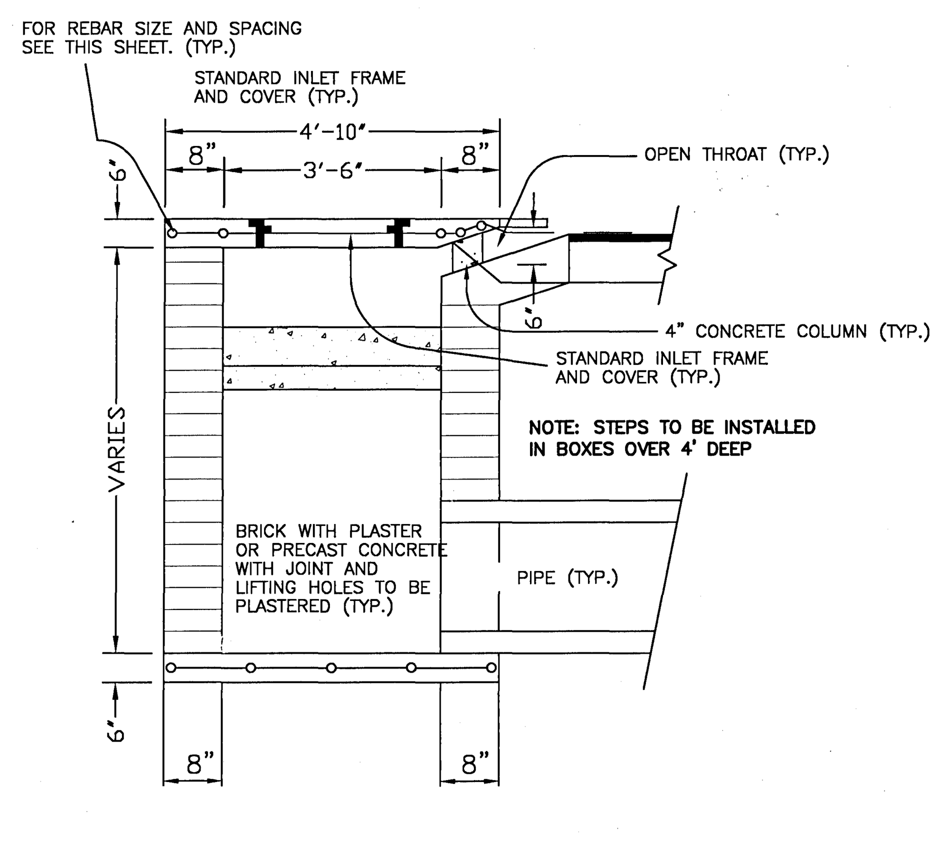
TYPE I CURB CUT DRIVEWAY FOR COUNTY TYPE "B" LAYBACK CURBS.



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

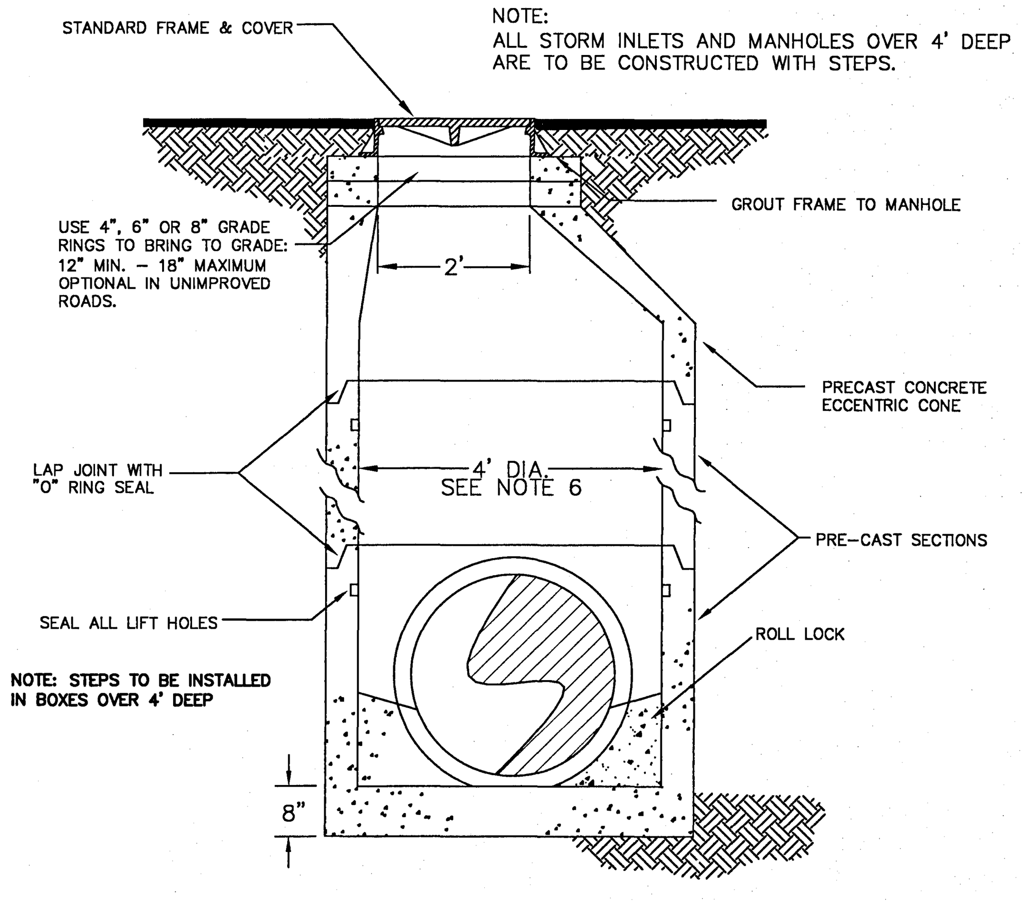


THROAT ELEVATION
NTS



SECTION "B–B"
NTS

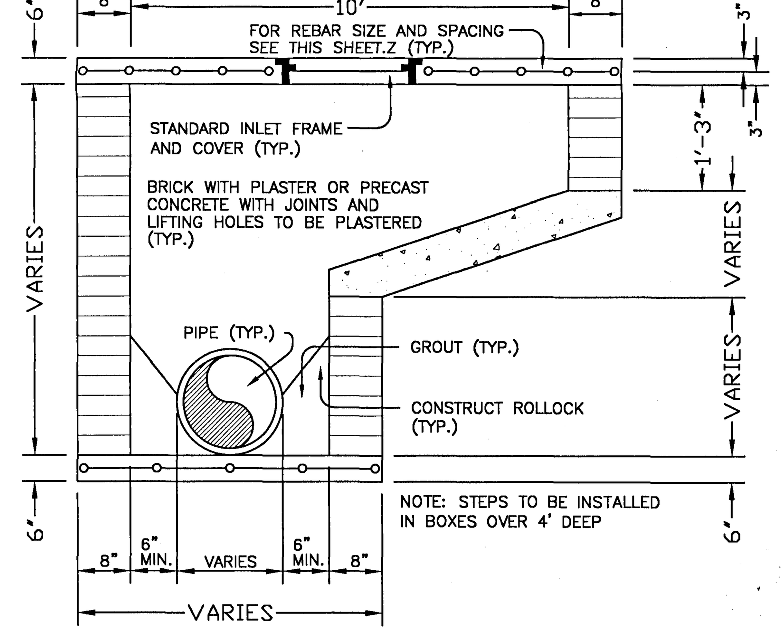
NOTE: ALL STORM INLETS AND MANHOLES OVER 4' DEEP ARE TO BE CONSTRUCTED WITH STEPS.



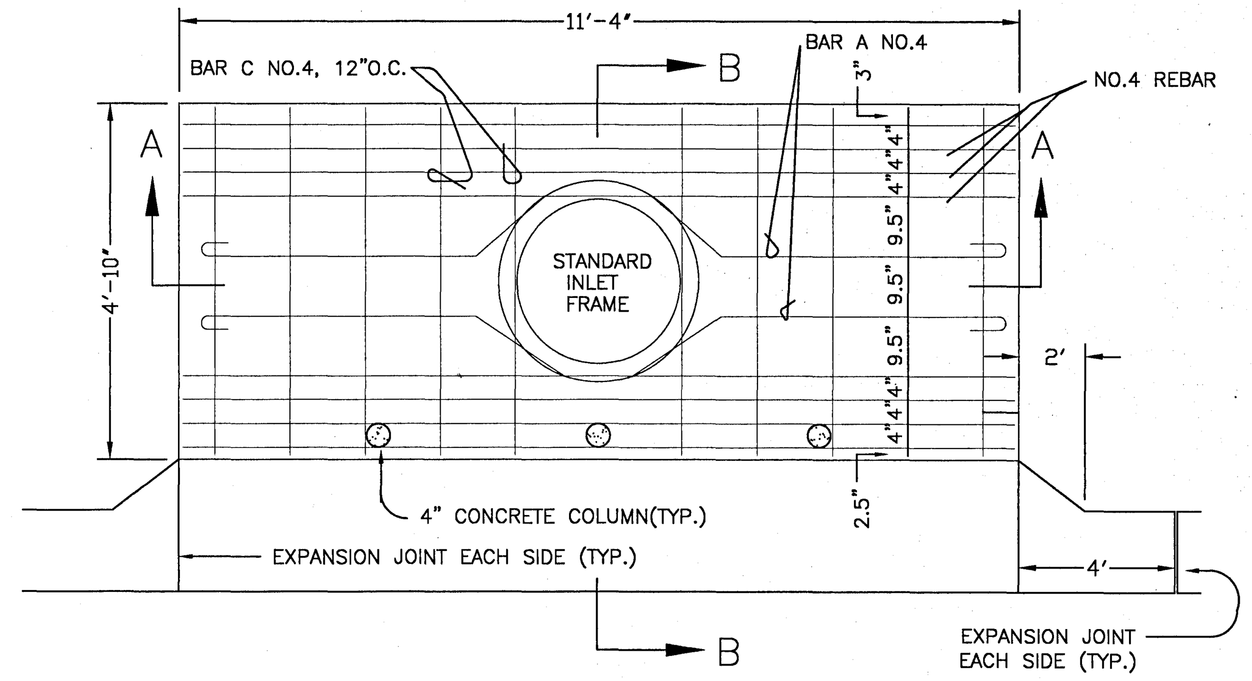
STANDARD JUNCTION BOX
NTS

JUNCTION BOX NOTES:

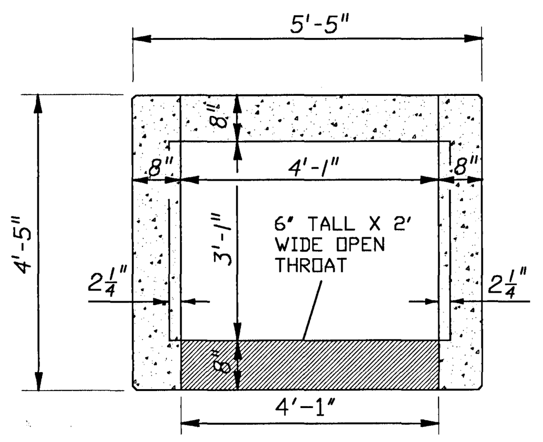
1. MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS.
2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL OF THE PIPE BEING USED.
3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS 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.

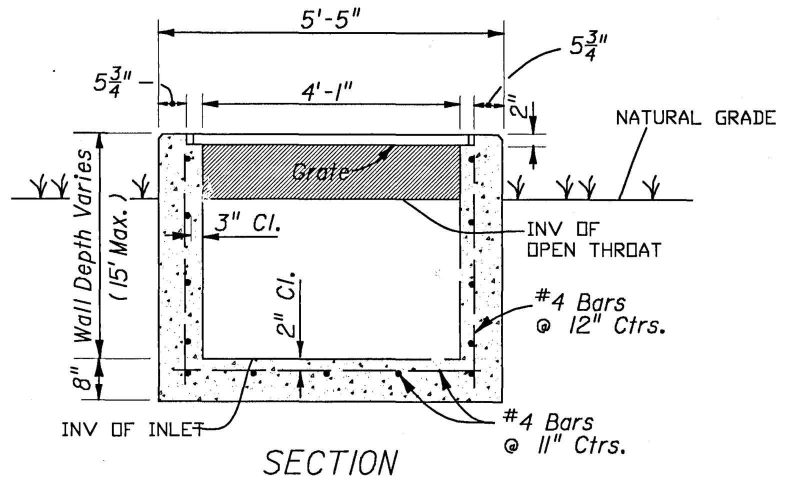


SECTION "A–A"
NTS



TYPE–A CURB INLET DETAIL
NTS

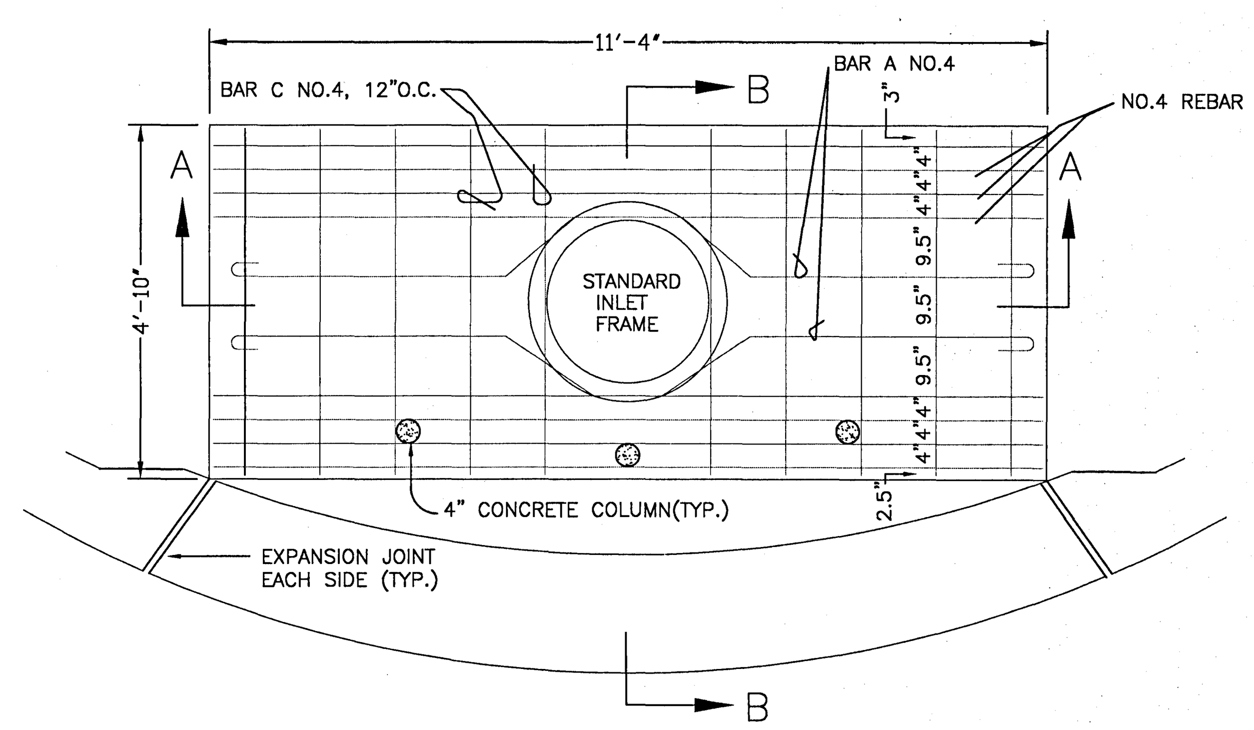




NOTE: ALL INLETS ARE TO UTILIZE SILT SAVERS OR SILTFENCE RETAINAGE BOXES.

Recommended Maximum Pipe Size:
3'-1" Wall - 24" Pipe
4'-1" Wall - 36" Pipe

FDOT TYPE–D INLET DETAIL
NTS



TYPE 'A–1' DROP INLET DETAIL
NTS

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PENSACOLA, FL 32534
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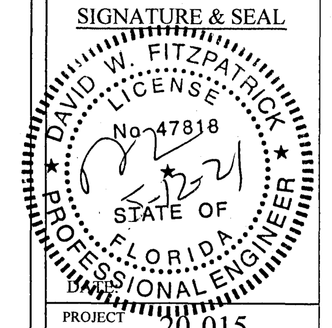
ALLISON ACRES

DRAINAGE DETAILS

DATE	REVISION	NUMBER

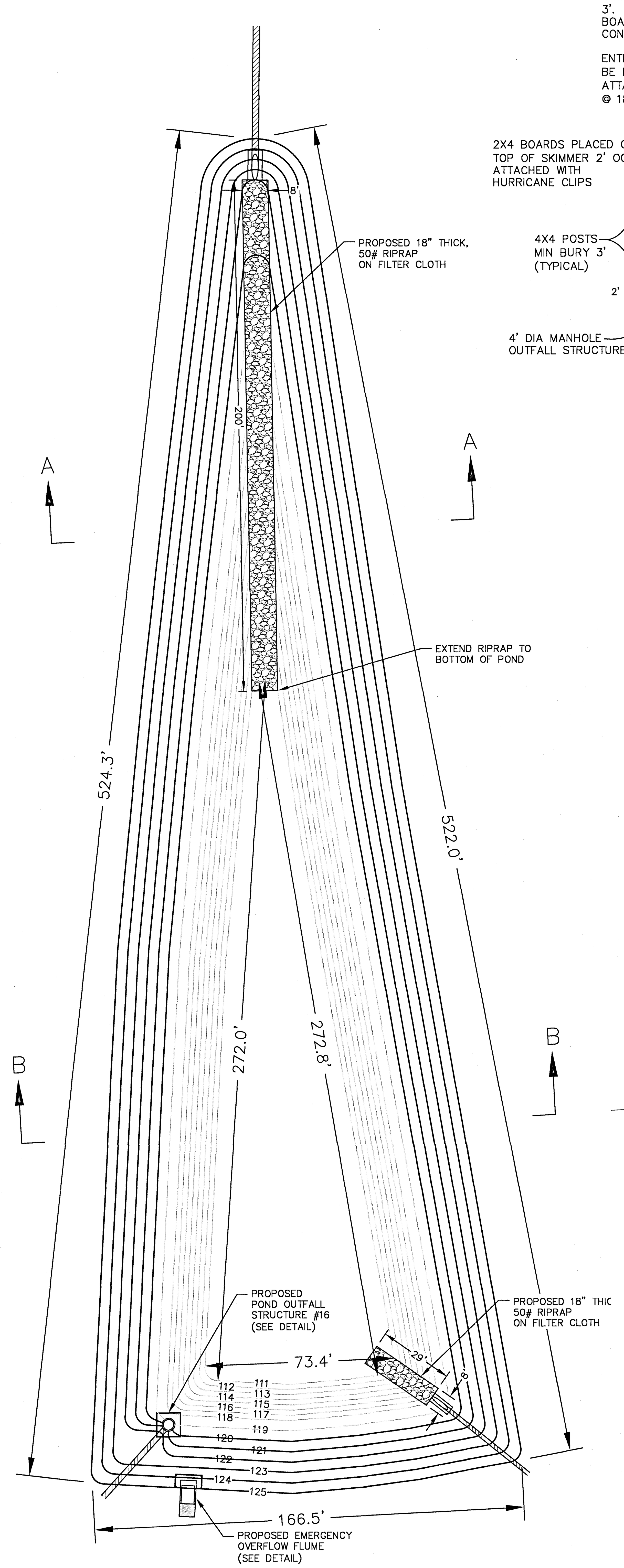
DRAWN BY: A. BURKETT
DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL



PROJECT NUMBER 20-015
PLOT DATE 5/12/21
SHEET C17 OF C18

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

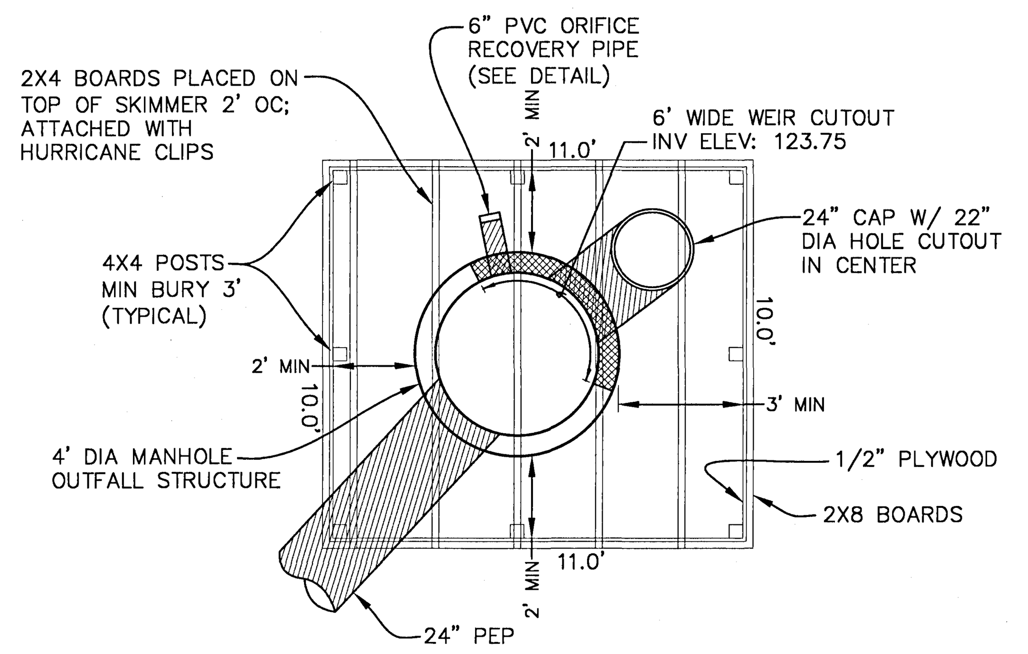


WET DETENTION POND DETAIL

SCALE: 1"=30'

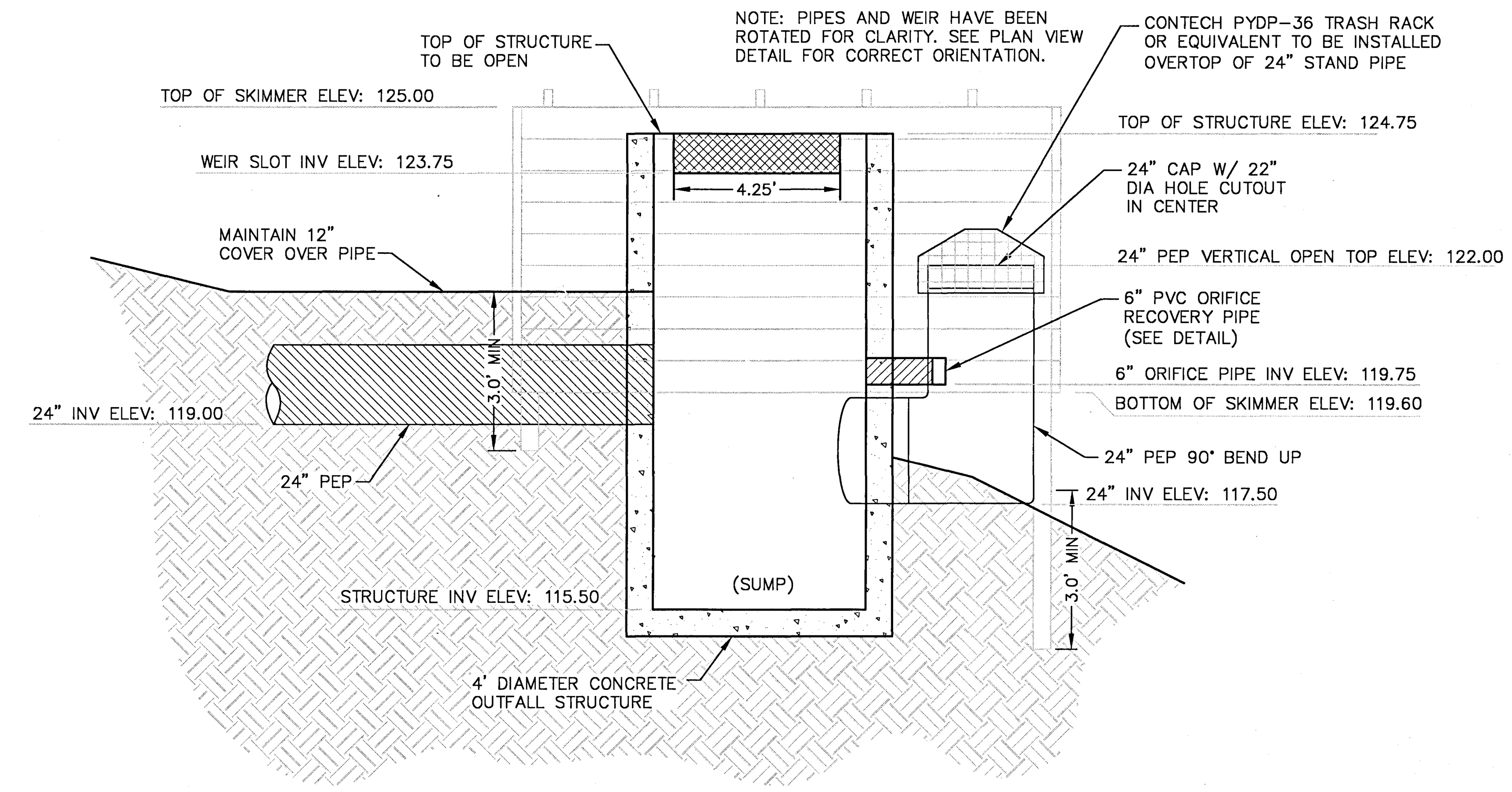
NOTE:
USE TREATED 4x4 POSTS FOR CORNERS, MIN. BURY 3'. USE 2x8 TREATED MATERIAL FOR SKIMMER BOARDS. USE 16d GALV. NAILS MIN. 2 PER CONNECTION.

ENTIRE INTERIOR SURFACE OF ALL SKIMMERS ARE TO BE LINED WITH SOLID 1/2" TREATED PLYWOOD ATTACHED TO 2X8'S WITH 1-1/2" SS WOOD SCREWS @ 18" OC.



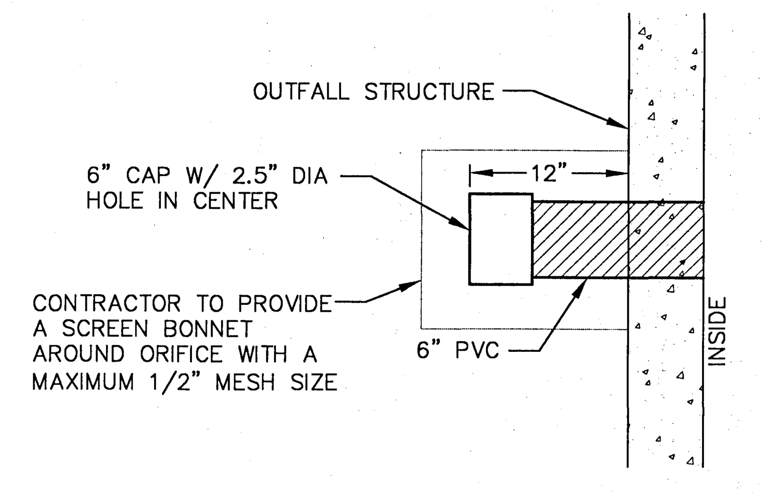
OUTFALL DETAIL (PLAN)

NTS



OUTFALL DETAIL (PROFILE)

NTS

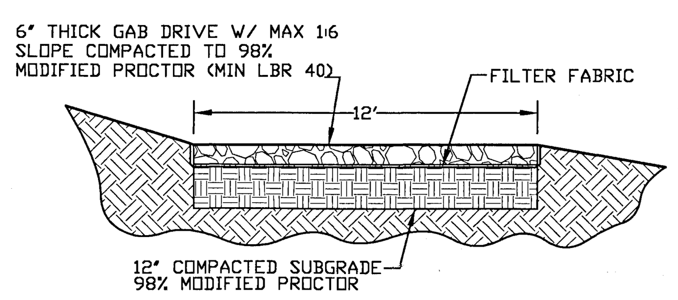


ORIFICE RECOVERY PIPE DETAIL

NTS

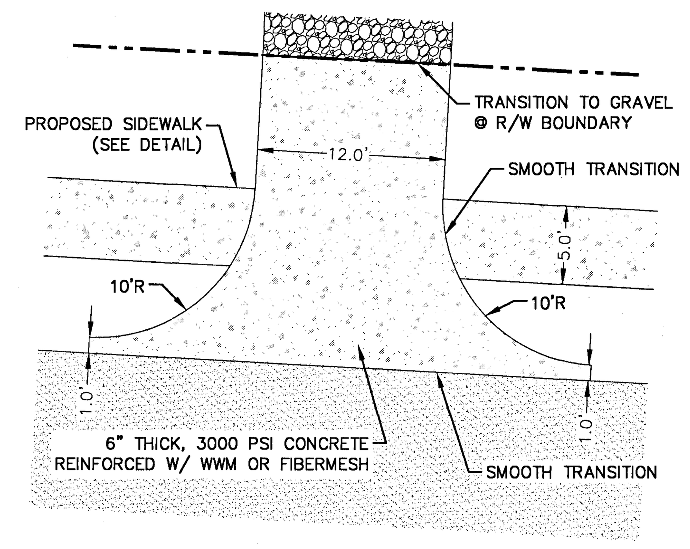
DEWATERING NOTE:
DEWATERING MAY BE REQUIRED DURING CONSTRUCTION OF THE POND. CONTRACTOR IS TO OBTAIN APPROPRIATE PERMIT(S) AND FOLLOW ALL REGULATIONS FOR DEWATERING.

POND FUNCTIONALITY NOTE:
THE TREATMENT POND HAS BEEN DESIGNED AS A WET DETENTION POND DUE TO LOW PERMEABILITY UNDERLYING SOILS. DUE TO THE LACK OF GROUNDWATER, THE POOL ELEVATION MAY DROP BELOW THE DESIGNED ELEVATION DURING DRY PERIODS.



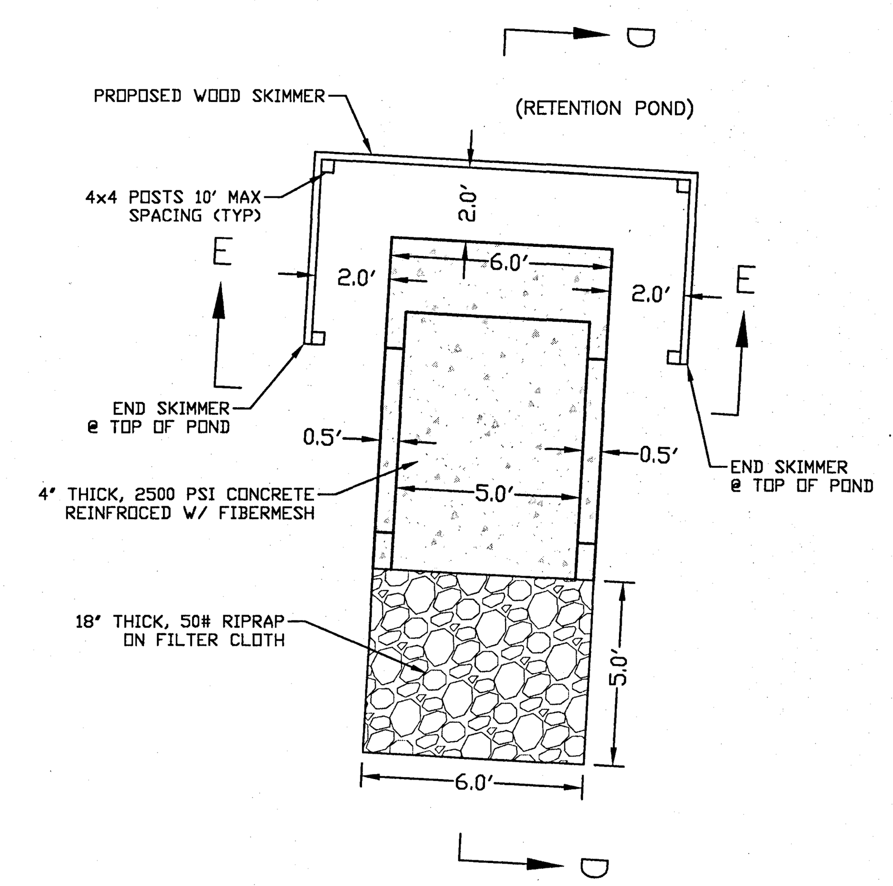
POND ACCESS DETAIL

NTS



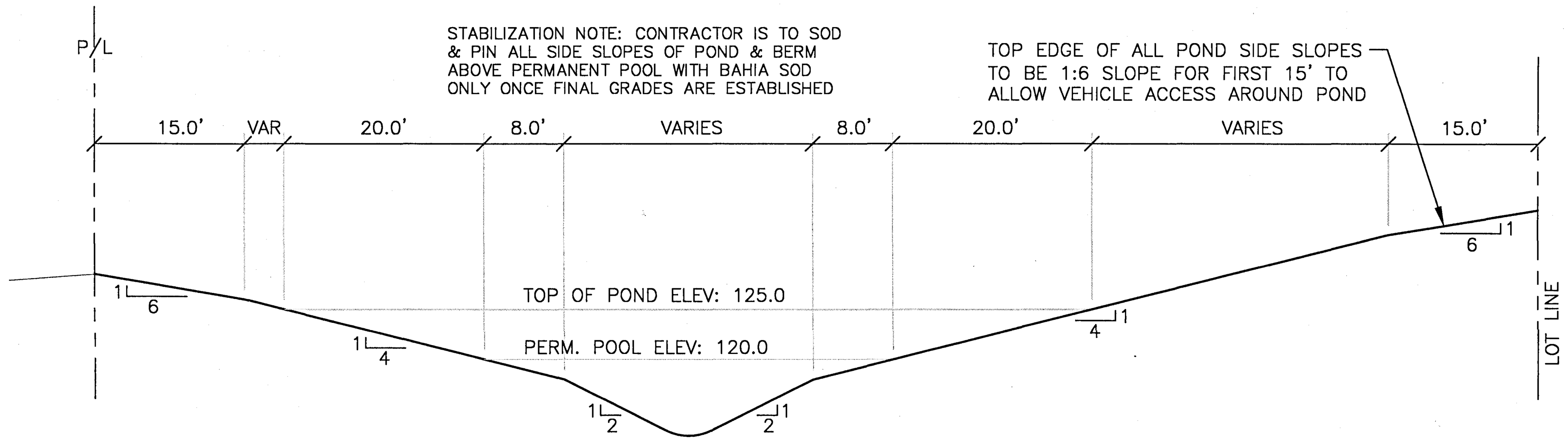
POND ACCESS DRIVEWAY DETAIL

N.T.S.



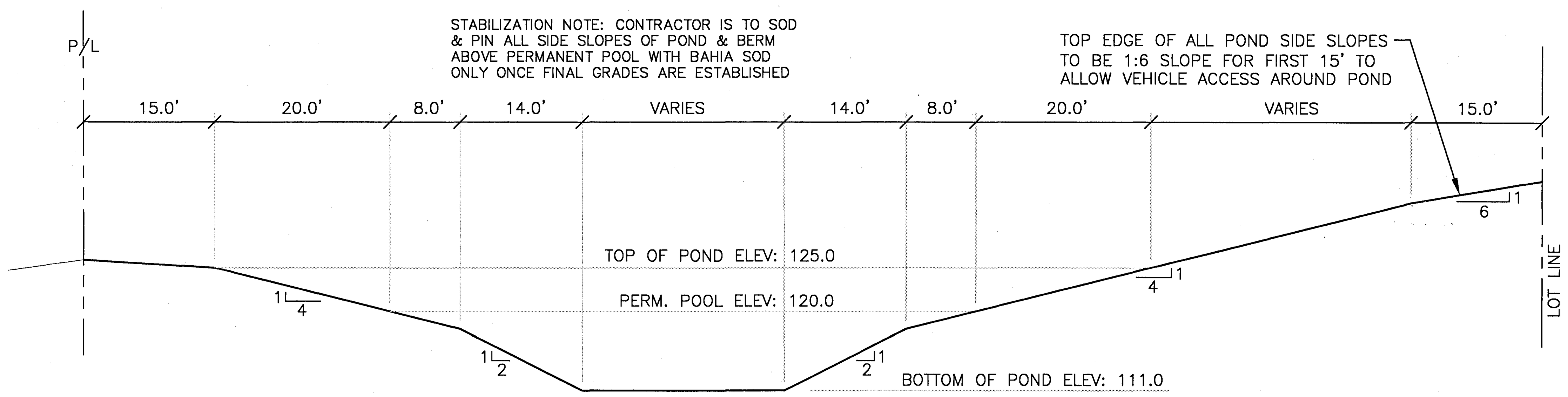
EMERGENCY OVERFLOW FLUME

NTS



SECTION A–A

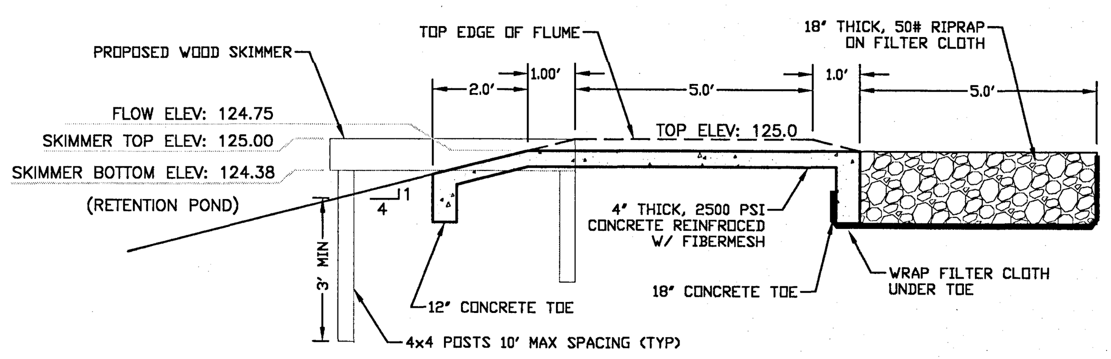
NTS



SECTION B–B

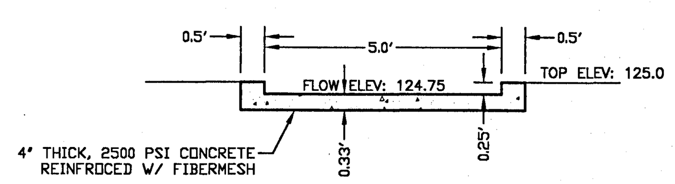
NTS

SKIMMER NOTES:
1. USE TREATED 4x4 POSTS FOR CORNERS, MIN. BURY 3'.
2. USE 2x8 TREATED MATERIAL FOR SKIMMER BOARDS.
3. USE 16d GALV. NAILS MIN. 2 PER CONNECTION.



SECTION D–D

NTS



SECTION E–E

NTS

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ALLISON ACRES

RETENTION POND DETAILS

NUMBER	REVISION	DATE

DRAWN BY: A. BURKETT

DESIGNED BY: D. FITZPATRICK

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

DATE:

PROJECT NUMBER 20-015

PLOT DATE 5/12/21

SHEET C18 OF C18