CONSTRUCTION PLANS FOR

Dry Creek Subdivision

A PROPOSED 36 LOT RESIDENTIAL SUBDIVISION OF A PORTION OF SECTION 04, TOWNSHIP 2 NORTH, RANGE 31 WEST ESCAMBIA COUNTY, FLORIDA

JUNE 2021

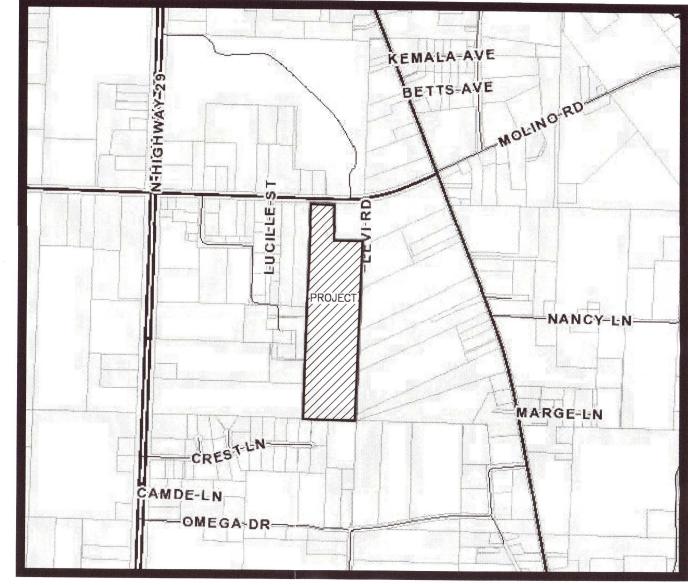
GENERAL NOTES:

- 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 MOLINO UTILITIES 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 AND ESCAMBIA COUNTY. ANY DEVIATIONS WILL 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. TYPE 1 CURB CUT DRIVEWAYS ARE TO BE USED FOR ALL UTILITY ACCESS POINTS.
- 30. 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.
- 31. 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.
- 32. ALL CONCRETE PIPE JOINTS SHALL BE WRAPPED WITH FABRIC/SOCK.
- 33. 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.
- 34. SAG FILTERS IN CURB THROATS ARE NOT AN ALLOWABLE SEDIMENT CONTROL METHOD.
- 35. 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.
- 36. A MINIMUM ONE (1) FOOT GROUND COVER IS REQUIRED FOR ALL UNDERGROUND STORMWATER PIPES.
- 37. 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.



VICINITY MAP (NOT TO SCALE)

	INDEX OF DRAWINGS
SHEET	DESCRIPTION
1	COVER SHEET
2	EXISTING CONDITIONS
3	LAYOUT
4	SITE/UTILITY PLAN
5	SITE/UTILITY PLAN - NORTH
6	SITE/UTILITY PLAN - SOUTH
7	DRAINAGE PLAN
8	DRAINAGE PLAN - NORTH
9	DRAINAGE PLAN - SOUTH
10	PLAN/PROFILE - DRY CREEK ROAD
11	PLAN/PROFILE - DRY CREEK ROAD
12	PLAN/PROFILE - TURPENTINE STREET
13	PLAN/PROFILE - MISC. STORMWATER PIPES
14	PLAN/PROFILE - MISC. STORMWATER PIPES
15	DETAILS - ROADWAY
16	DETAILS - WET DETENTION POND #1
17	DETAILS - WET DETENTION POND #2
18	DETAILS - DRAINAGE
19	DETAILS — POTABLE WATER

OWNER AND DEVELOPER

DRY CREEK PROPERTIES, LLC 3812 CRABTREE CHURCH ROAD MOLINO, FL 32577 PHONE: (850) 982-9126

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

UTILITY PROVIDERS:

TELEPHONE: FRONTIER COMMUNICATIONS MOLINO, FL 32577

CABLE TELEVISION: SPECTRUM

240 HIGHWAY 97 SOUTH

(800) 921-8101

CANTONMENT, FL 32533 (866) 874–2389

ELECTRIC POWER: GULF POWER

ONE ENERGY PLACE PENSACOLA, FL 32520-0047

CHAD SWAILS, 429—2603; 429—2655 FAX ceswails@southerco.com

POTABLE WATER: MOLINO WATER

1640 MOLINO ROAD MOLINO, FL 32577

SANITARY SEWER: PRIVATE SEPTIC

Approved . Houghon 6-9-2. Designee Date

This document has been reviewed in accordance with requirements of applicable Escambia County Regulations and Ordinances, and does not in any way

Regulations and Ordinances, and does not in any way relieve the submitting Architect, Engineer, Surveyor, or other signatory from responsibility of details as drawn.

DRAINAGE FEE

LEGAL DESCRIPTION:

(AS FURNISHED)

The East 1/2 of the Northeast 1/4 of the Southeast 1/4, AND the East 1/2 of the Southeast 1/4 of the Southeast 1/4, Section 4, Township 2 North, Range 31 West, Escambia County, Florida.

LESS AND EXCEPT any portion lying within road right of way, and that portion contained in Deed Book 439, Page 138, and that portion contained in Official Records Book 1964, Page 281, of the Public Records of Escambia County, Florida.

Imperv. Surf. 80,346 Sq ft

Stormwater Ret. .47 % (F)

Total Drainage Fee \$1,883.13
Pond Maint. Fee: MSBU

FLOOD ZONE NOTE:

THE SUBJECT PROPERTY AS SHOWN HEREON IS LOCATED IN FLOOD ZONE A, (AREAS SUBJECT TO INUNDATION BY THE 1—PERCENT—ANNUAL—CHANCE FLOOD EVENT. BECAUSE DETAILED HYDRAULIC ANALYSES HAVE NOT BEEN PERFORMED, NO BASE FLOOD ELEVATIONS (BFEs) OR FLOOD DEPTHS ARE SHOWN), AND FLOOD ZONE X, AS DETERMINED FROM THE FEDERAL EMERGENCY MANAGEMENT AGENCY FLOOD INSURANCE RATE MAP OF ESCAMBIA COUNTY, FLORIDA, COMMUNITY 120080, FIRM MAP PANEL NUMBERS 12033C0230G, 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 (MOLINO UTILITIES (850) 587-5538 AND ESCAMBIA COUNTY HEALTH DEPARTMENT/ENVIRONMENTAL HEALTH 595-6712) AGENCIES.

SEPTIC TANK NOTE:

INDIVIDUAL SEPTIC TANKS WILL BE UTILIZED FOR SANITARY SEWER DISPOSAL FOR EACH LOT. THE HOMEBUILDER WILL NEED TO SUBMIT AN APPLICATION THAT INCLUDES A PLOT AND FLOOR PLAN TO SCALE FOR A NEW ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM (OSTDS) TO ENSURE IT COMPLIES WITH FAC 64E-6 FOR EACH LOT.

PERMIT SET

NOT RELEASED FOR CONSTRUCTION

6/3/2021 SHEET NO. 1 PROJECT NO. 20-00

No. 47818

STATE OF

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

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

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

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.

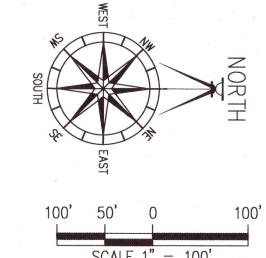
8. REMOVAL OF APPROPRIATE TEMPORARY SEDIMENT AND EROSION CONTROL DEVICES.

WETLAND/BUFFER PROTECTION NOTE:

UNLESS OTHERWISE SHOWN, ALL WETLANDS, STREAMS, ESLS, AND BUFFERS ARE TO REMAIN IN THEIR NATURAL STATE AND PROTECTED THROUGHOUT CONSTRUCTION.

ESL TABLE:

37.37 ACRES
8.98 ACRES
1.35 ACRES
2,154 FEET
27.3 FEET
28.39 ACRES
65 FEET

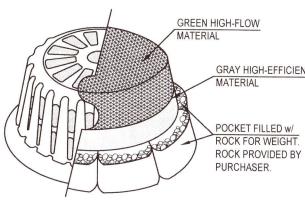


EAST HALF OF THE SOUTHEAST QUATER OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP-2-NORTH, RANGE-31-WEST, ESCAMBIA COUNTY, FLORIDA EAST HALF OF THE NORTHEAST QUATER OF THE SOUTHEAST QUARTER OF SECTION 4, TOWNSHIP-2-NORTH, RANGE-31-WEST, ESCAMBIA COUNTY, FLORIDA FIRE DEPARTMENT 1300.43'(D) N03'26'49"E 1300.54'(F) Corps/DEP/NWFWMD TEMPORARY STORAGE LOCATION WETLANDS AS LOCATED (TYP, SEE DETAIL) BENCHMARK "B"
NAIL AND DISC, NUMBER
7174, IN ASPHALT OF EXCAVATED MATERIAL BY WETLAND SCIENCES, INC. DATED: 2/13/2019 ELEV. = 189.76' CONSTRUCTION— ENTRANDE 8.98 ACRES -PROPOSED DOUBLE ROW SILT FENCE ALONG WETLAND BUFFERS PROPOSED DOUBLE ROW SILT FENCE ALONG WETLAND BUFFERS WETLAND (TYP, SEE DETAIL) DELINEATION EXISTING UTILITY POLE TO BE RELOCATED -PRIME FARMLAND BOUNDARY PROPOSED SILT FENCE-(TYP, SEE DETAIL) APPROXIMATE LOCATION-6" WATER MAIN OF PERENNIAL STREAM PROPOSED SILT FENCE-(TYP, SEE DETAIL) RIVERINE PROTECTION ZONE BENCHMARK "A"

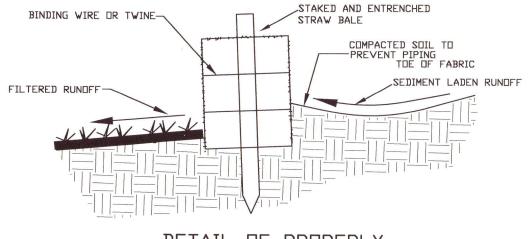
"X" CUT IN NORTH BOLT
OF FIRE HYDRANT
ELEV. = 185.53' LESS AND EXCEPT (O.R. BOOK 1964 PAGE 281) STORAGE LOCATION OF EXCAVATED MATERIAL WEST LINE OF THOMAS KENT SUBDIVISION N02°39'56"E 498.95'(F) LOT 23 S03°25'50"W 2682.24'(F) (REFERENCE BEARING) 2682.30'(D) N03°25'50"E 2682.2 **LOT 24** WEST LINE OF THOMAS KENT SUBDIVISION **LOT 26** THOMAS KENT SUBDIVISION (DEED BOOK 102 PAGE 282) **LOT 27** LOT 28 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.

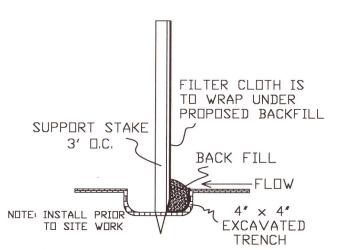
ALL TEMPORARY EROSION, SEDIMENTATION, & POLLUTION CONTROL PRACTICES SHOULD BE INSPECTED DAILY. CONTRACTOR SHALL REMOVE SEDIMENT AND DISPOSE OF IN A PROPER MANNER. INSPECT FRAME AND FILTER DAILY FOR CUTS, ABRASIONS, AND PROPER INSTALLATION. REPLACE OR REPOSITION AS NECESSARY.



SHOWN WITH DOT FILTER



DETAIL OF PROPERLY INSTALLED STRAW BALE

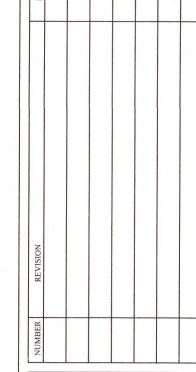


STANDARD SILT FENCE DETAIL N.T.S.

> PERMIT SET NOT RELEASED FOR CONSTRUCTION

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TIONS



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

PROJECT 20-004

PLOT DATE 6/3/21 SHEET C2 OF C19



PERMIT SET

PROJECT NUMBER 20-004

NOT RELEASED FOR CONSTRUCTION

PROJECT NUMBER 20-004

PLOT 6/3/21

SHEET C3 OF C19

A. BURKETT

DESIGNED BY:
D. FITZPATRICK

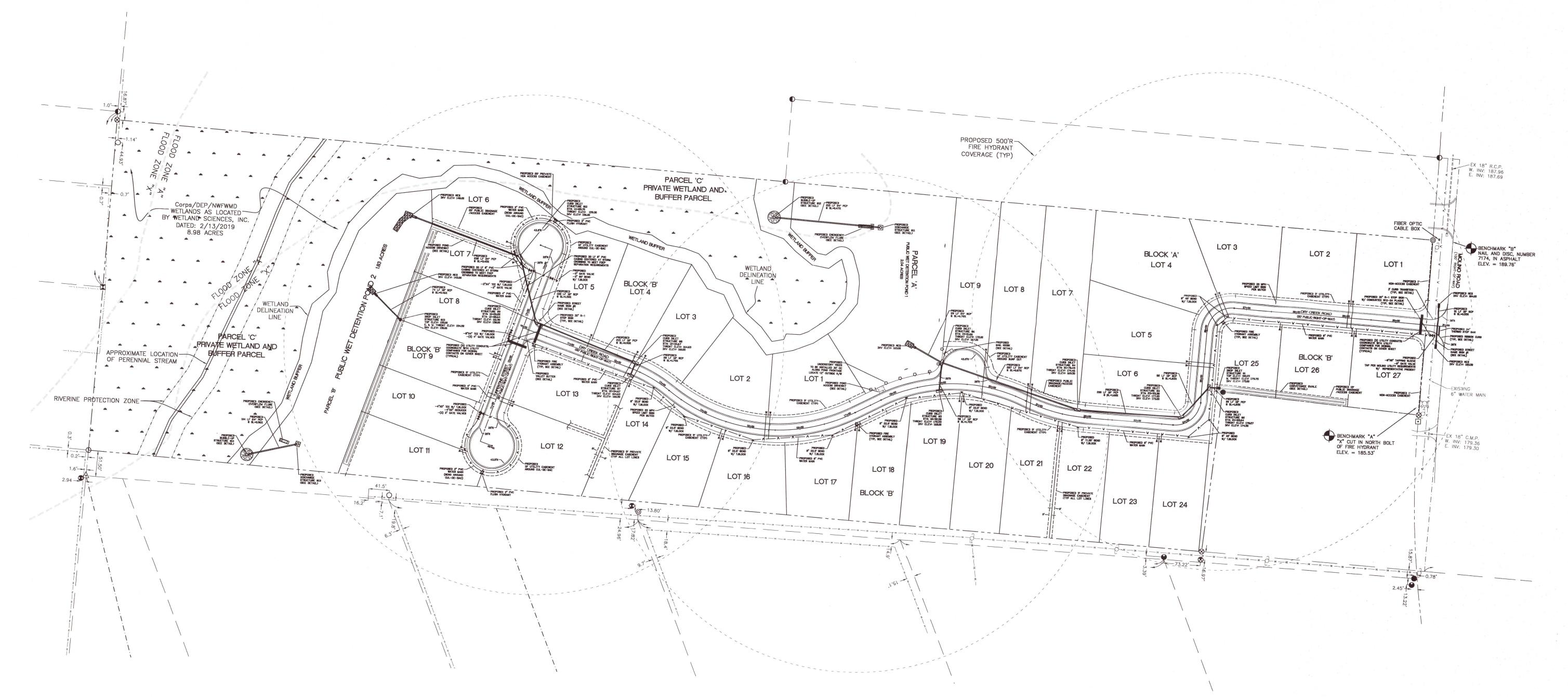
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SANITARY SEWER NOTE:

ALL LOTS TO UTILIZE INDIVIDUAL SEPTIC TANK SYSTEMS FOR SANITARY SEWER DISPOSAL.

WETLAND/BUFFER PROTECTION NOTE:

UNLESS OTHERWISE SHOWN, ALL WETLANDS, STREAMS, ESLS, AND BUFFERS ARE TO REMAIN IN THEIR NATURAL STATE AND PROTECTED THROUGHOUT CONSTRUCTION.



PERMIT SET

NOT RELEASED FOR CONSTRUCTION

DRY CREEK SUBDIVISION

DRAWN BY:
A. BURKETT

DESIGNED BY:
D. FITZPATRICK

SIGNATURE & SEA

SIGNATURE & SEAL

OCENSE

NO 47818

STATE OF

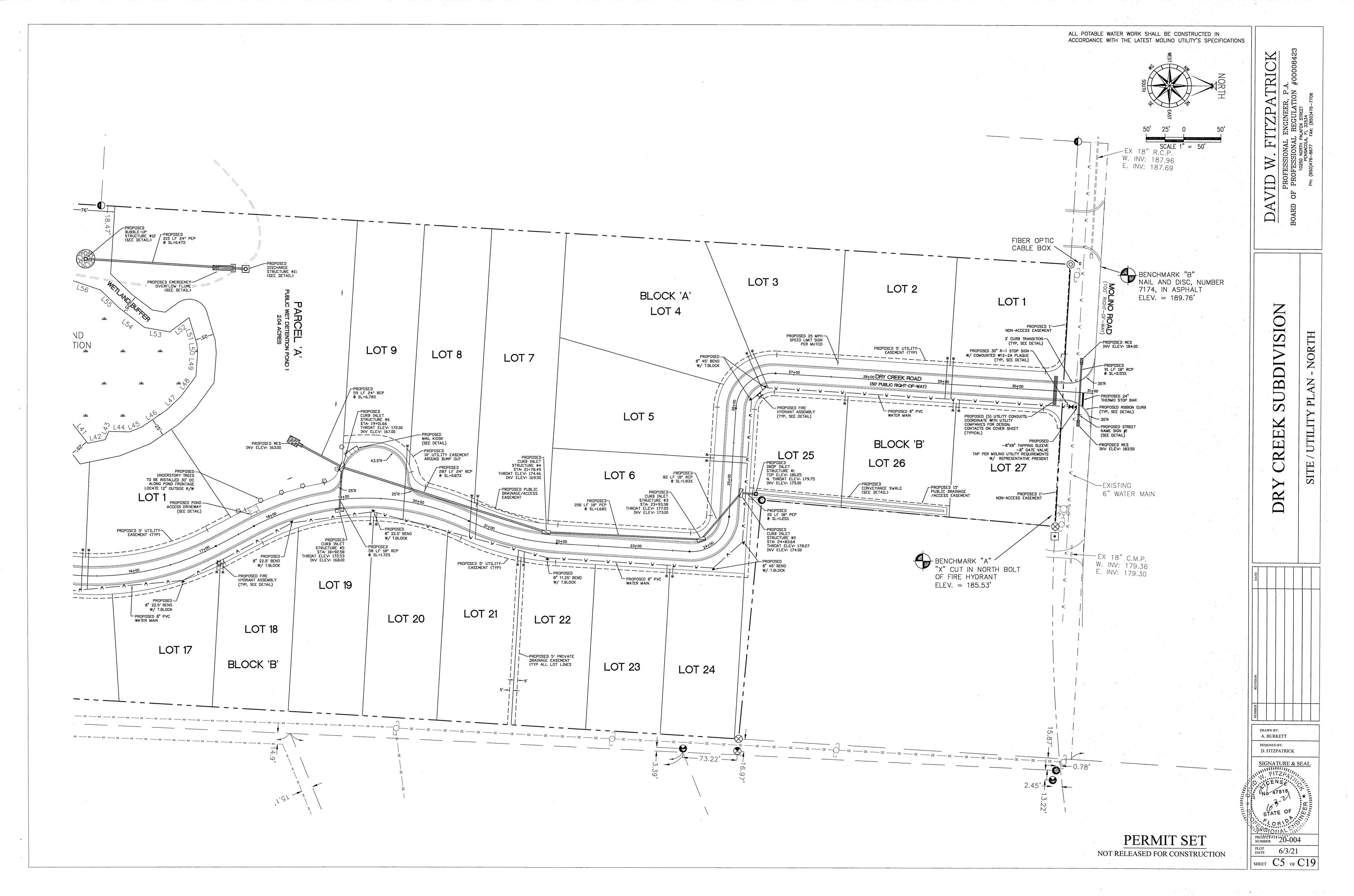
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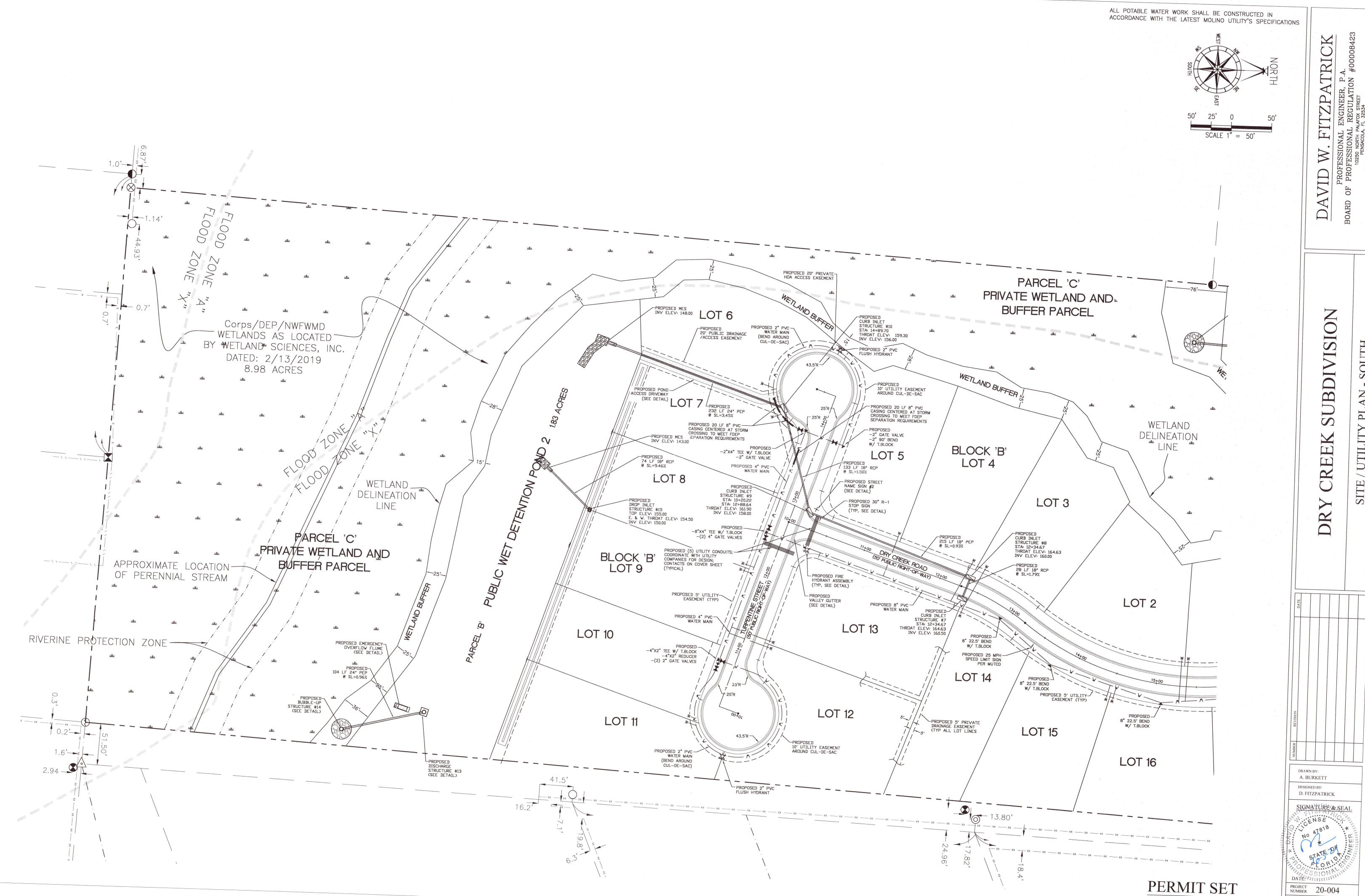
DATE INSTANTAL PROJECT 20 004

PROJECT 20-004

PLOT 6/3/21

SHEET C4 OF C19





PROJECT 20-004 PLOT 6/3/21

SHEET C6 OF C19

NOT RELEASED FOR CONSTRUCTION

RI

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.

WETLAND/BUFFER PROTECTION NOTE:

UNLESS OTHERWISE SHOWN, ALL WETLANDS, STREAMS, ESLs, AND BUFFERS ARE TO

A PORTION OF THE SITE IS LOCATED IN FLOOD ZONE A, (AREAS SUBJECT TO INUNDATION BY THE 1-PERCENT-ANNUAL-CHANCE FLOOD EVENT). A HYDRAULIC ANALYSIS HAS BEEN PERFORMED FOR THE SITE. THE BASE FLOOD ELEVATION (BFE) WAS DETERMINED TO BE 147.00 FOR THE SITE. ALL PROPOSED FINISHED FLOOR ELEVATIONS

> PARCEL 'C' PRIVATE WETLAND AND

> > **BUFFER PARCEL**

BLOCK 'B'

LOT 4

WETLAND DELINEATION LINE

LOT 2

3) CONSTRUCT ALL OF PROJECT MONITORING EROSION CONTROL BMPs PER NPDES REQUIREMENTS. 4) PROVIDE ASBUILT INFORMATION TO ENGINEER OF RECORD FOR FINAL CÉRTIFICATION.

EXCAVATED MATERIAL NOTE:

ANY SUITABLE EXCAVATED MATERIAL WILL BE STOCKPILED ON LOTS 8-9 OF BLOCK 'A' AND 8-10 OF BLOCK 'B'. 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.

VNB NOTES:

1. VNB CONTRIBUTION AREAS TO BE STABILIZED WITH PERMANENT VEGETATIVE COVER THAT IS CONSISTENT WITH THE FLORIDA YARDS AND NEIGHBORHOOD PROGRAM. NO FERTILIZER SHALL BE APPLIED TO THE CONTRIBUTING AREA. 2. VNBs SHALL BE PROTECTED AT ALL TIMES WITH SILT FENCING, HAYBALES, ETC. THROUGHOUT CONSTRUCTION. 3. VNBs TO BE LEFT IN IT'S NATURAL STATE. NO DISTURBANCE IS ALLOWED.

LOT 19

3 LOT 18

BLOCK 'B'

ELOT 17

LOT 8

LOT 21

LOT 22

LOT 23

LOT 24

LOT 20

LOT 7

DRAINAGE STRUCTURE TABLE

			OUTFALL	PIPE	(FEET)
POND	MANHOLES	INLETS	STRUC.	18"	24"
1	0	6	2	368'	561'
2	0	5	2	450'	336'

LOT 2

BLOCK 'B'

LOT 27

BENCHMARK "A"
"X" CUT IN NORTH BOLT
OF FIRE HYDRANT
ELEV. = 185.53'

MSBU TABLE

BLOCK 'A'

POND	POND ACREAGE	LOTS ACCOMODATED
1	1.08	'A' 1-9, 'B' 19-27
2	1.26	′B′ 1–18

PERMIT SET NOT RELEASED FOR CONSTRUCTION A. BURKETT DESIGNED BY: D. FITZPATRICK SIGNATURE & SEAL

(I)

PROJECT 20-004 PLOT 6/3/21 SHEET C7 OF C19

80,346 SQ FT 256,444 SQ FT CONSTRUCTION SEQUENCE: 1) INSTALL PERIMETER EROSION CONTROL MEASURES 2) CLEAR AND GRUB AREAS REQUIRED TO BE CLEARED FOR INFRASTRUCTURE INSTALLATION ONLY. ADD EROSION CONTROL MEASURES AT SPECIFIC TROUBLESOME

REMAIN IN THEIR NATURAL STATE AND PROTECTED THROUGHOUT CONSTRUCTION. BASE FLOOD ELEVATION NOTE: FOR THE SUBDIVISION WILL BE SET AT A MINIMUM OF 150.00 (3 FEET ABOVE THE BFE)

BLOCK 'B' LOT 9 +m_

PROPOSED 5' UTILITY-EASEMENT (TYP)

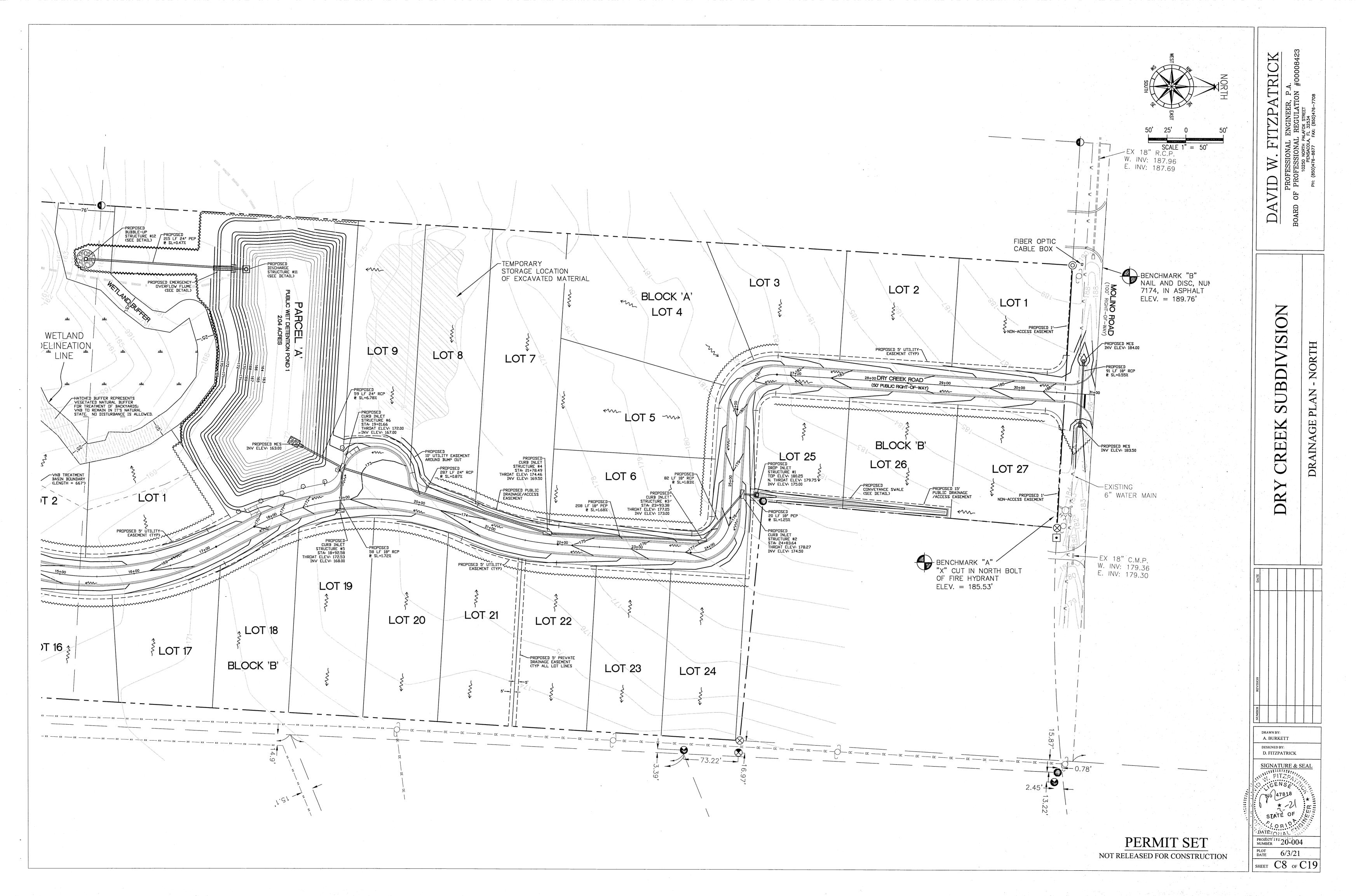
Corps/DEP/NWFWMD WETLANDS AS LOCATED BY WETLAND SCIENCES. INC.

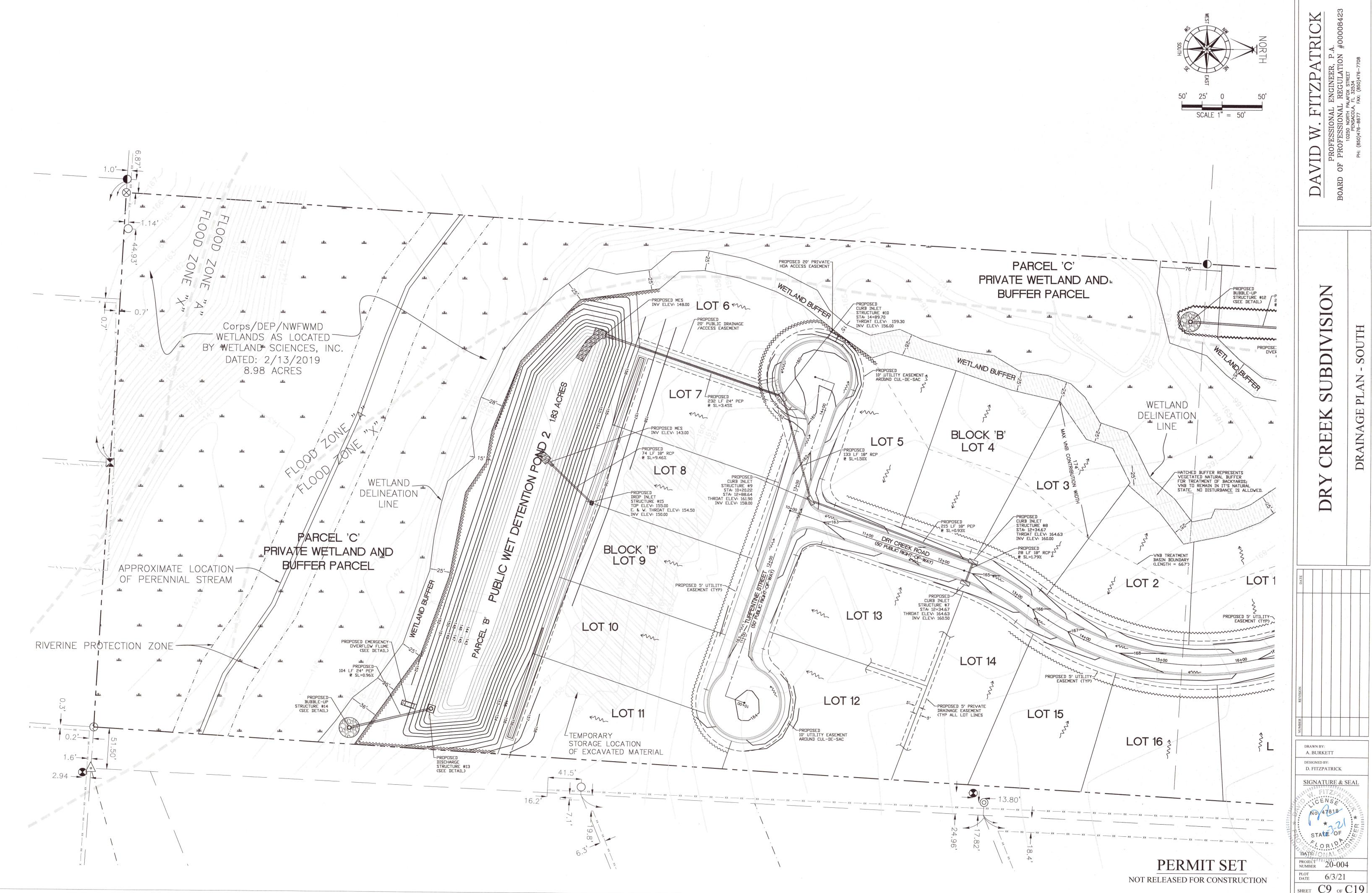
DATED: 2/13/2019 8.98 ACRES

APPROXIMATE LOCATION OF PERENNIAL STREAM

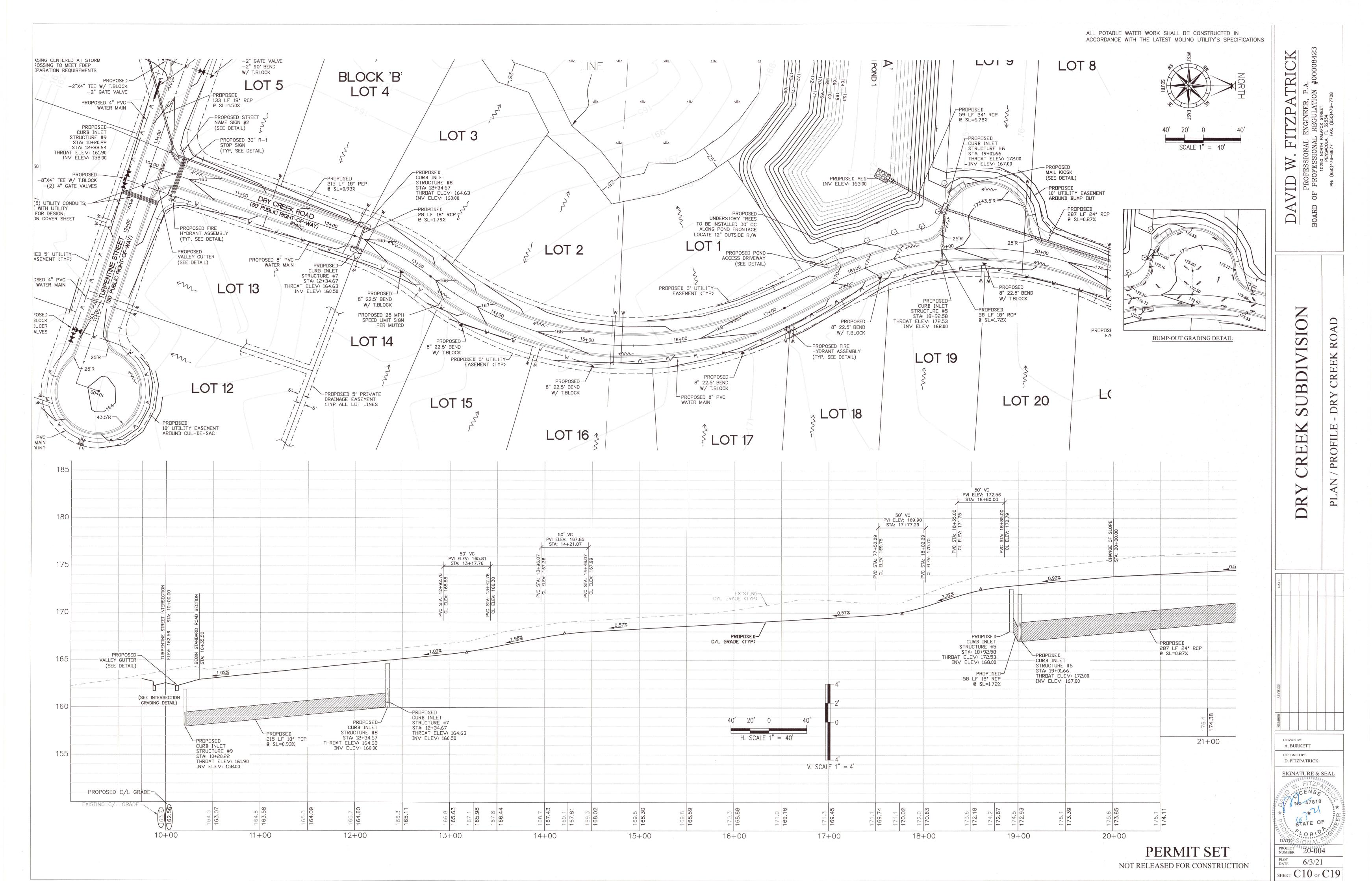
WETLAND ______
DELINEATION _____

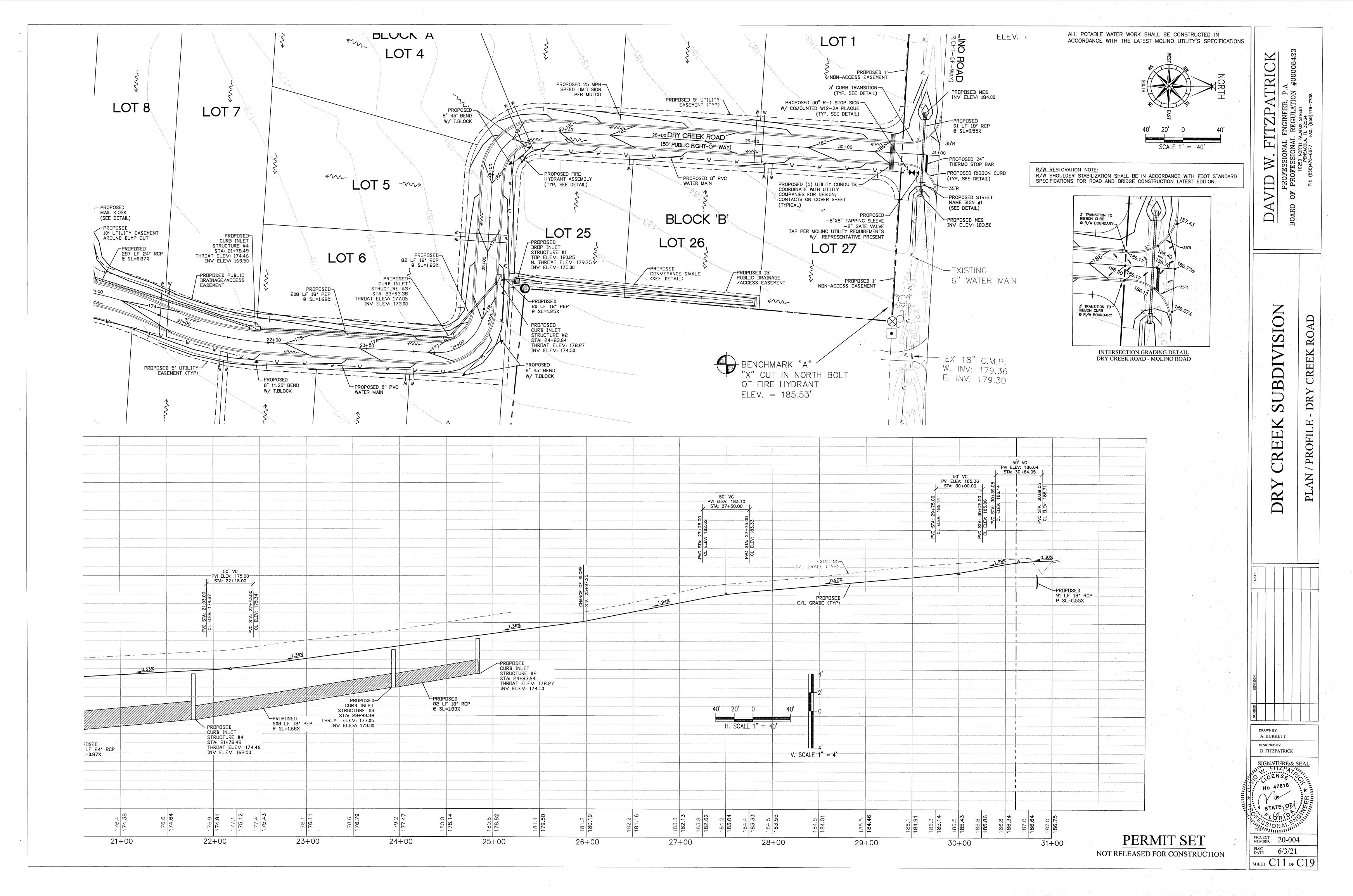
PRIVATE WETLAND AND

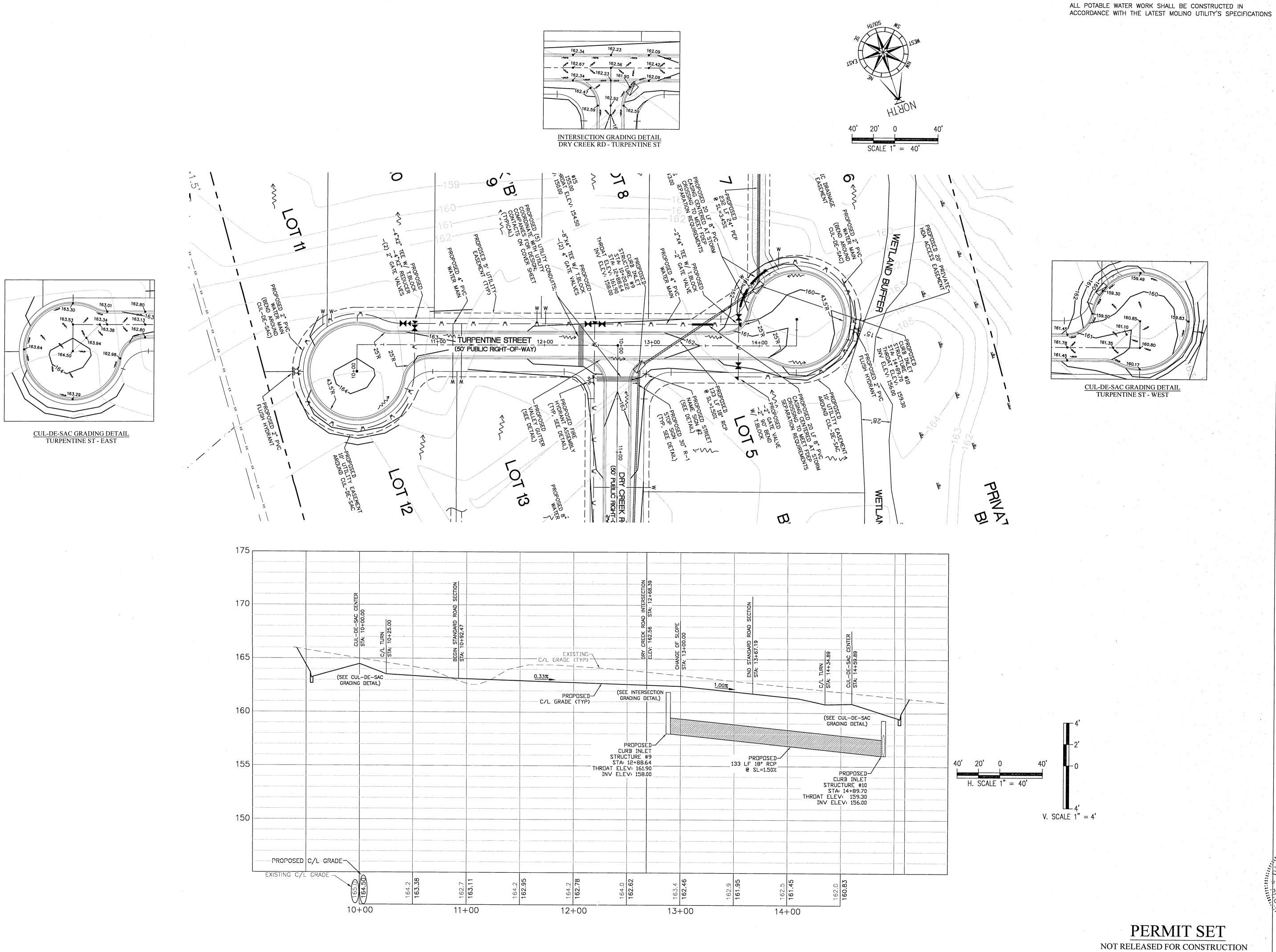




SHEET C9 OF C19







SUBDIVISION REEK DRY

TURPENTINE STREET

DRAWN BY: A. BURKETT DESIGNED BY: D. FITZPATRICK SIGNATURE & SEAL
FITZO
CENS
NO 47818

STATE OF
DATEONAL
PROJECT
NUMBER 20-004

PLOT 6/3/21 SHEET C12 OF C19

V. SCALE 1'' = 4'

FITZPATRICK

SUBDIVISION STORM MISC. CREEK

A. BURKETT DESIGNED BY: D. FITZPATRICK

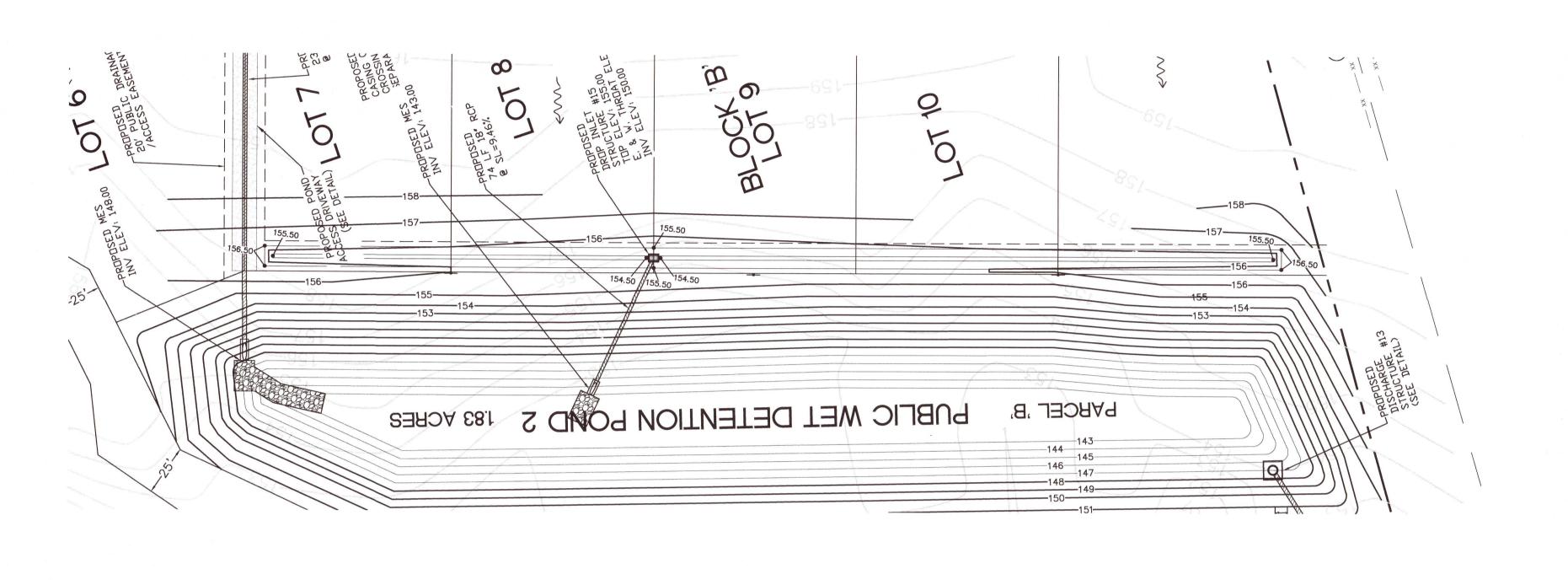
SIGNATURE & SEAL No 47818 STATE OF

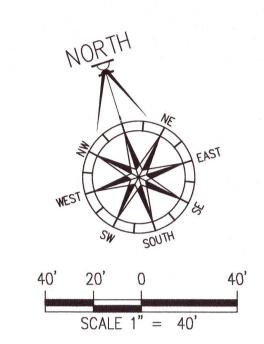
DATE OR 10

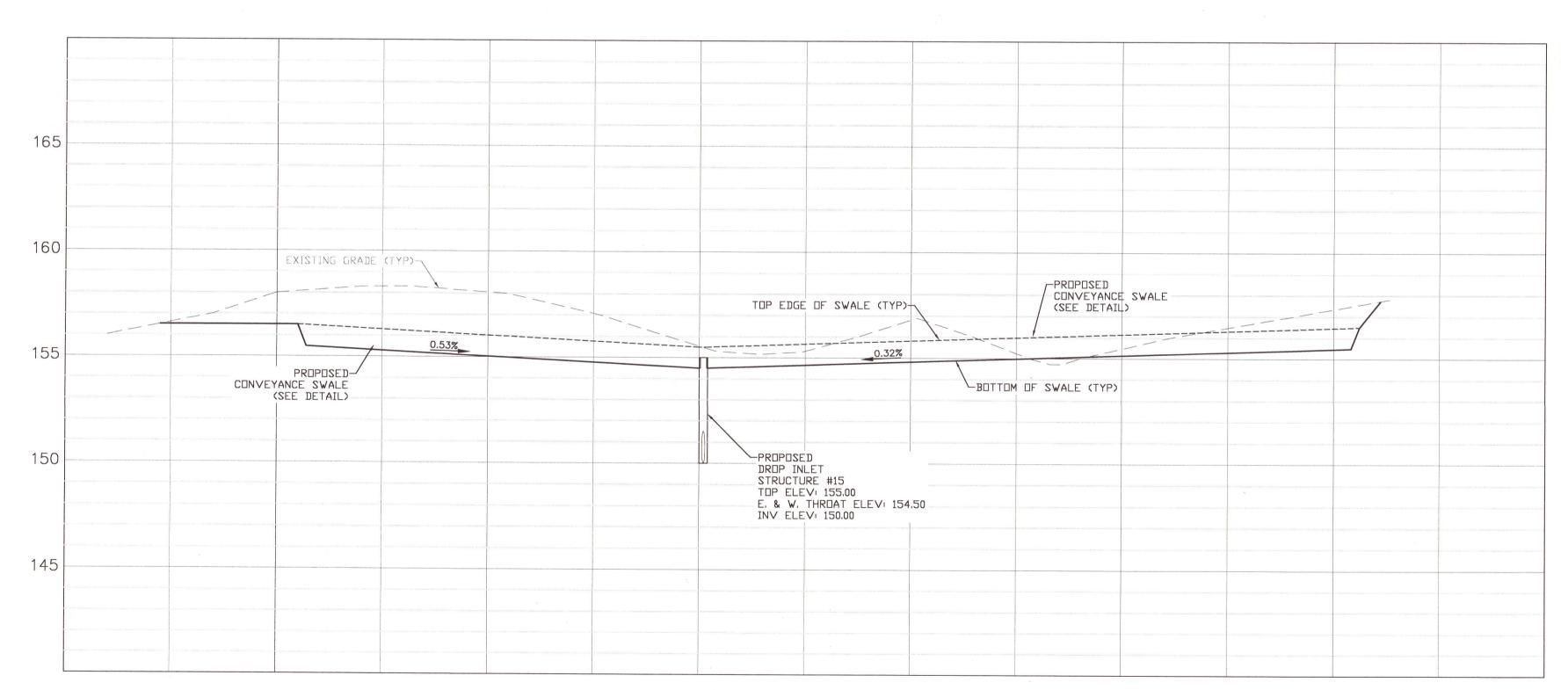
PROJECTON A 20-004 PLOT 6/3/21

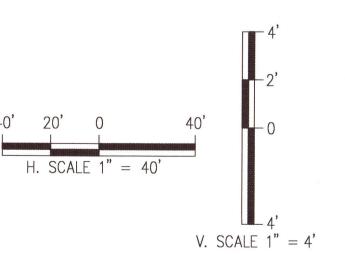
SHEET C13 OF C19

PERMIT SET NOT RELEASED FOR CONSTRUCTION









PERMIT SET NOT RELEASED FOR CONSTRUCTION

A. BURKETT

D. FITZPATRICK

NO 47818

STATE OF

ORIO

ORIO

DATE:

PROJECT

NUMBER 20-004

PLOT

DATE 6/3/21

SHEET C14 OF C19

A. BURKETT D. FITZPATRICK SIGNATURE & SEAL O. CENSE No 47818 STATE OF

PROJECT 20-004 PLOT DATE 6/3/21 SHEET C15 OF C19

NOTE: PORTION OF DRIVEWAY WITHIN THE COUNTY R/W TO BE 6' THICK, 3,000 PSI CONCRETE REINFORCED W/ WWM 6" THICK GAB DRIVE W/ MAX 1:6

SLOPE COMPACTED TO 98% FILTER FABRIC MODIFIED PROCTOR (MIN LBR 40) -

POND ACCESS DRIVEWAY DETAIL

3000 PSI CONC-

RIBBON CURB

STOP

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

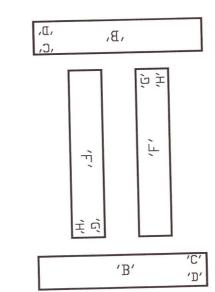
W14-2aR

NO OUTLET (DIRECTIONAL)

W14-2aL NO OUTLET (DIRECTIONAL) E | F | G | H | J | K | L | M | N 24 | 6 | 0.375 | 0.375 | 1.5 | 3 | 3 B | 1.852 | 3.242 | 1.625 | 9.305 | 4.5 | 1.5 COLORS: LEGEND, BORDER — BLACK

BACKGROUND — YELLOW (RETROREFLECTIVE)

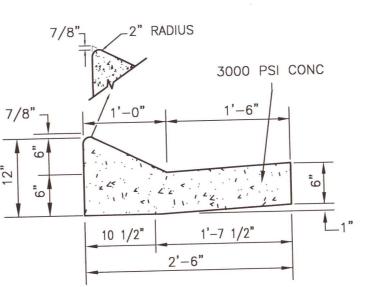
W14-2A SIGN DETAIL



STREET RANGE SIGN DETAIL

STREET NAME SIGN NUMBER	'B'	'C'	'D'	ORIENTATION	'F'	'G'	'H'	ORIENTATION
SIGN NUMBER					Dry Creek	Ln	-TBD-	N/S
1	Molino	Rd	-TBD-	E/W	Dry Creek			11/0
2	Turpentine	St	-TBD-	E/W	Dry Creek	Ln	-TBD-	N/S

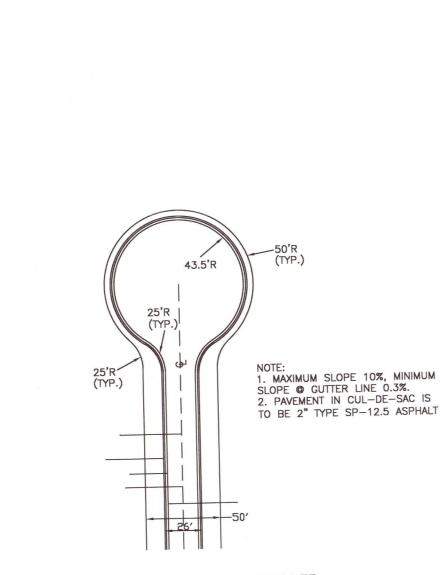
STREET RANGE SIGN TABLE

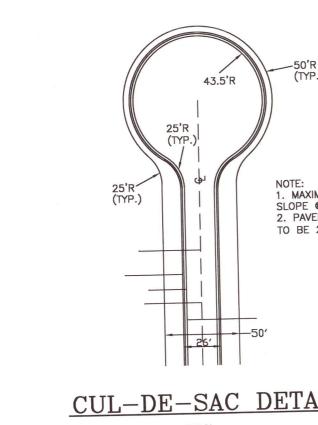


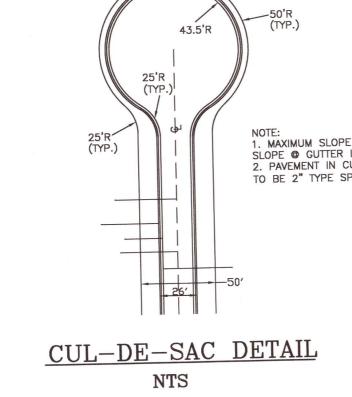
LAYBACK CURB & GUTTER N.T.S.

STOP STOP SIGN (SEE DETAIL) STEEL FLANGED CHANNEL POST (SEE DETAIL)

SIGN MOUNTING HEIGHT DETAIL N.T.S.







PLAN **PERSPECTIVE** CONSTRUCTION ENTRANCE/EXIT PLAN VIEW

NOTE: KIOSK TO CONSIST OF (2) 20-UNIT KIOSKS

1:12

(ASPHALT CUL-DE-SAC)

----> OR = 10' ----

TRANSITION -LAYBACK CURB

WITH RAMP 1:12

MAIL KIOSK DETAIL

N.T.S.

GEOTEXTILE FIBER, CLASS 'C' OR BETTER

SECTION

6" WIDE X 6" TALL

TRANSITION TO

VERTICAL CURB

EXISTING

ROAD

EARTHFILL

> OR = 10'R

PIPE AS NECESSARY

VERTICAL CURB

24" -34" -1-

PROPOSED

LAYBACK CURB & GUTTER

> > OR = 6" LAYER OF 2-3 IN AGGREGATE

MAIL KIOSKS-

(3Ø.5"x18")

PROPOSED 4" THICK, 3000 PSI

SLOPE IN ANY DIRECTION

> OR = 6"

WATER

SANITARY SEWER

FORCE MAIN

STORM SEWER

NOTE: ALL UTILITIES WITHIN THE

RIGHT OF WAY SHALL HAVE A MIN.

COVER OF 30 INCHES FROM

FINISHED GRADE.

UNDERGROUND POWER

UNDERGROUND TELEPHONE CABLE

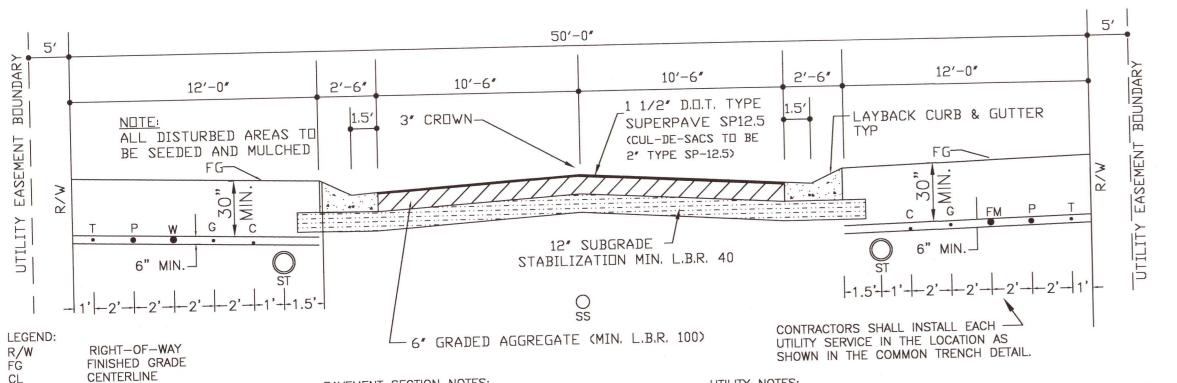
UNDERGROUND TELEVISION CABLE

GAS MAIN

FIBERMESH; LIGHT BROOM FINISH;

CONCRETE REINFORCED W/ WWM OR -

ADA COMPLIANT, NO MORE THAN 2%



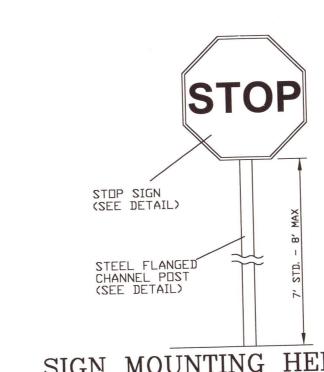
PAVEMENT SECTION NOTES:

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. 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 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.

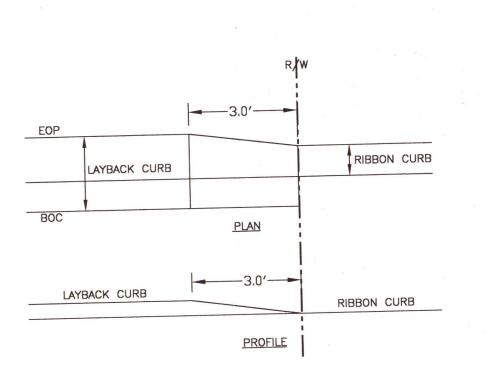


NTS PERMIT SET NOT RELEASED FOR CONSTRUCTION

COMMON TRENCH DETAIL/ROAD CROSS SECTION

STOP SIGN DETAIL N.T.S.

∠ 3000 psi CONCRETE W/FIBER MESH VALLEY GUTTER DETAIL N.T.S.



STANDARD DETAILS FOR INSTALLATION AND LOCATION OF STREET NAME SIGNS

STANDARD DETAILS FOR STREET NAME SIGN BLADE LAYOUT

*F.D.O.T. TYPE HEA 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.

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 *

INTERSECTION SIGN DETAIL

N.T.S.

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

*F.D.O.T. TYPE III-A REFLECTIVE SHEETING TO BE USED ON ALL STREET NAME SIGN BLADES

SIGN BLADE - . 880" ALODIZED ALUMINUM CORNERS ROUNDED (1/2" RADIUS) FREE OF SHARP EDGES

TELSPAR SIGN POST SYSTEM (GALVANIZED) OR

EQUIVALENT (COMPRISED OF PARTS 54 AND 56)

3 3/16"X3/8" BLIND RIVETS (ENDS OF SIGN BLADES WILL BE RIVETED TOGETHER) (4 REQUIRED PER INSTALLATION)

1/2" CORNER RADIUS (TYPICAL)

30" R-1 STOP SIGN TO BE LOCATED

AT THE P.C. OF THE CURB RADIUS -

STREET NAME SIGN TO BE LOCATED -ON THE SAME SIDE AS THE STOP

SIGN, AT THE MIDPOINT OF THE RADIUS, 10' FROM EDGE OF ASPHALT.

ALUMINUM PYRAMID RAINCAP (ARC 175 OR EQUIVALENT)

(8 REQUIRED PER INSTALLATION)

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

"DEAD END" (W14-1P) OR "NO OUTLET" (W14-2P) PLAQUES

VERTICAL
CLEARANCE ABOVE
FINISHED
GRADE

ANCHOR POST 32" MINIMUM BELOW CROUN

EDGE OF ROAD

MAY BE CO-MOUNTED TO STREET NAME SIGNS BENEATH STREET NAME SIGN BLADES IN ACCORDANCE WITH M.U.T.C.D.

M.U.I.C.D. SECTION 2D.38
INSTALL STREET NAME SIGN
POST AT MID RADIUS, 10' OFF
10'

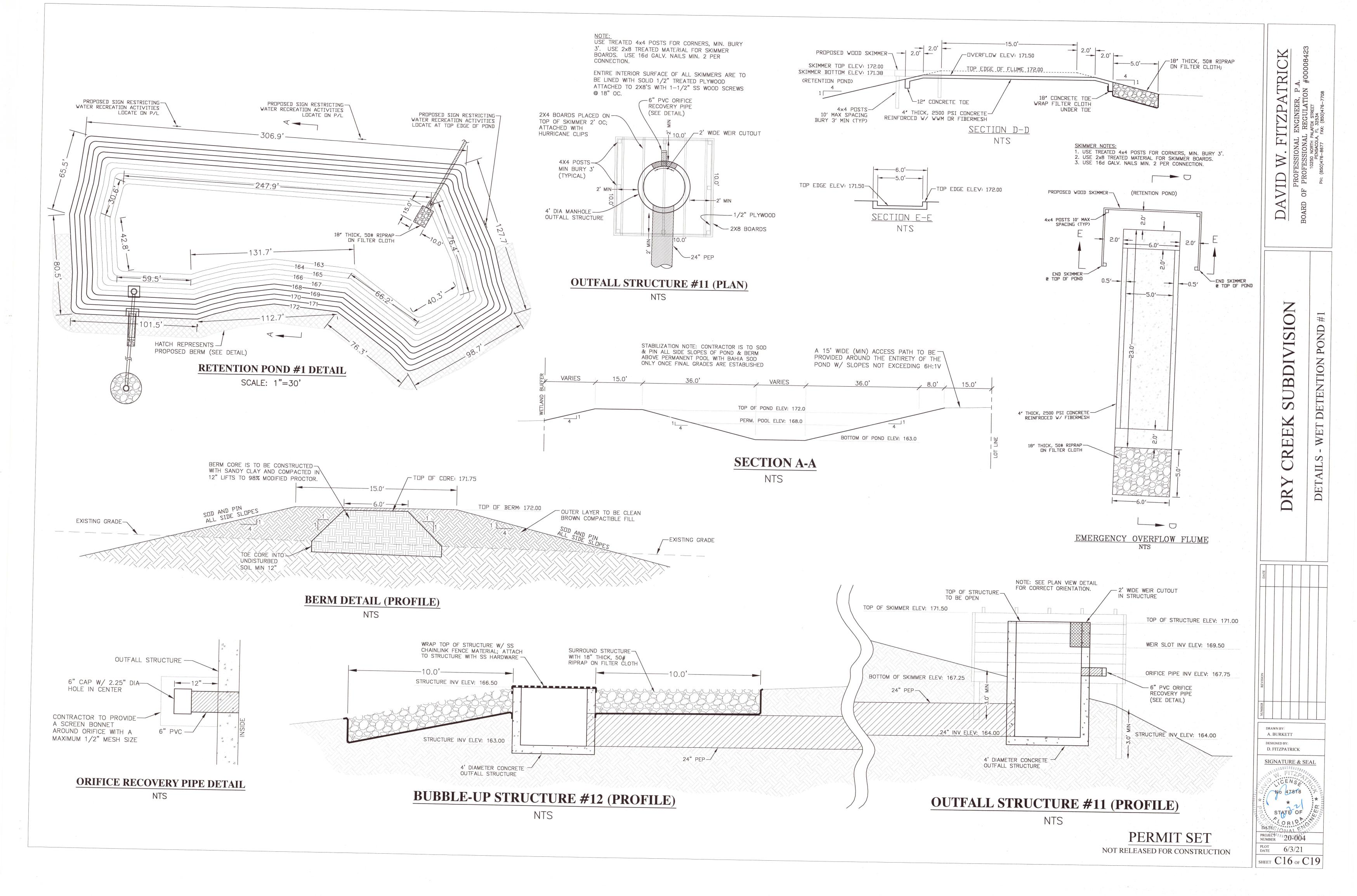
PLAQUES TO BE 9" BLADES MINIMUM VERTICAL

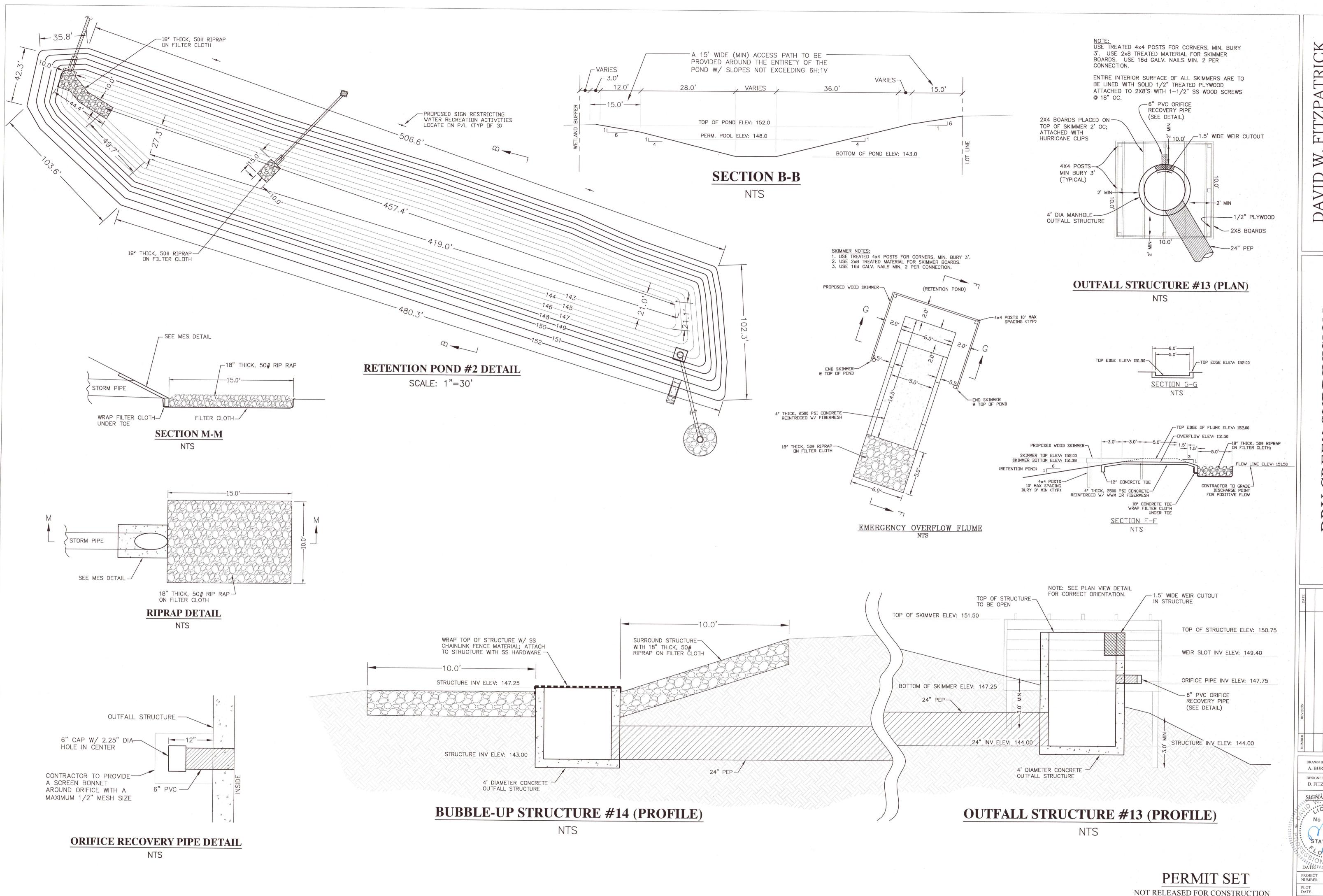
24" WHITE THERMO STOP BAR

TO BE LOCATED 12' FROM

- EDGE OF CROSSROAD LANE

CURB TRANSITION DETAIL





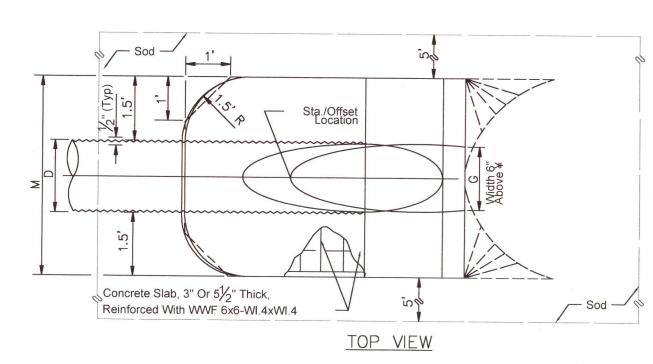
NOT RELEASED FOR CONSTRUCTION

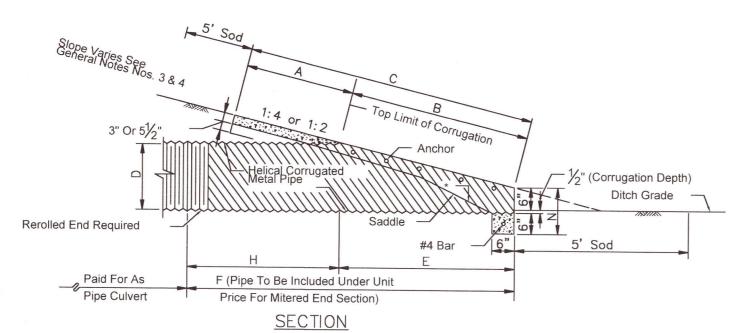
PROJECT NUMBER 20-004 6/3/21 SHEET C17 OF C19

ATRICER, P.A.

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

CENSE No 47818 STATE OF

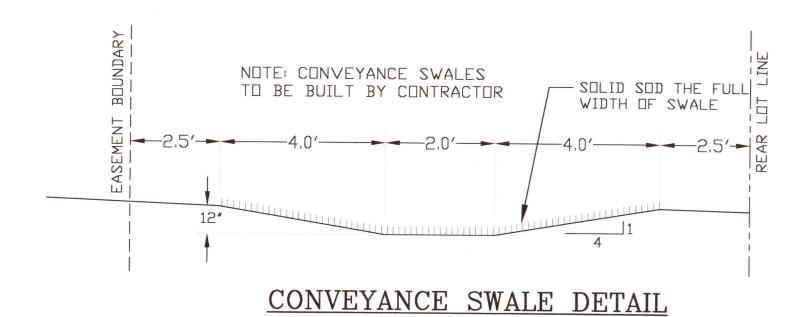




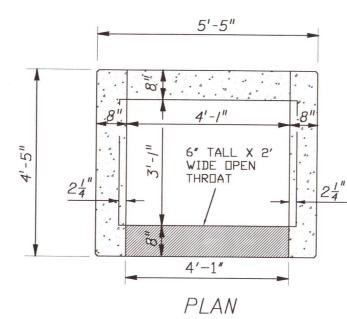
4' 8.08'

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.

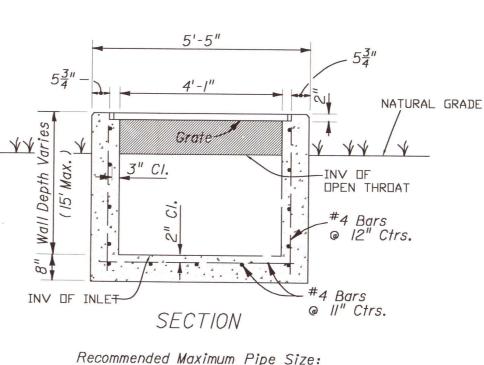
FDOT MES DETAIL



NTS



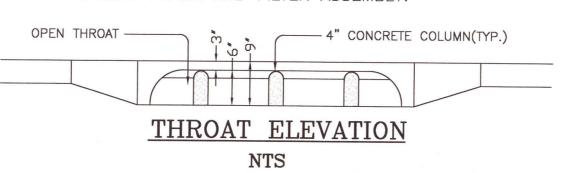
NOTE: ALL INLETS ARE TO UTILIZE SILT SAVERS OR SILTFENCE RETAINAGE BOXES.

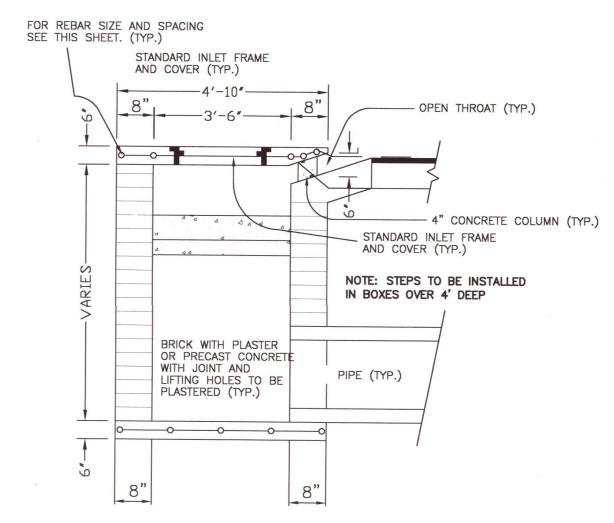


Recommended Maximum Pipe Size: 3'-1" Wall - 24" Pipe 4'-1" Wall - 36" Pipe

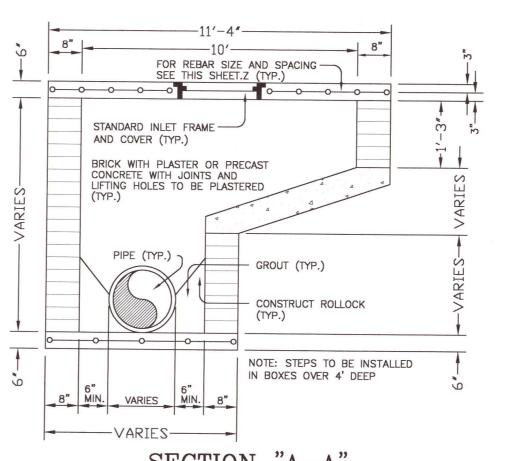
FDOT TYPE-D INLET DETAIL NTS



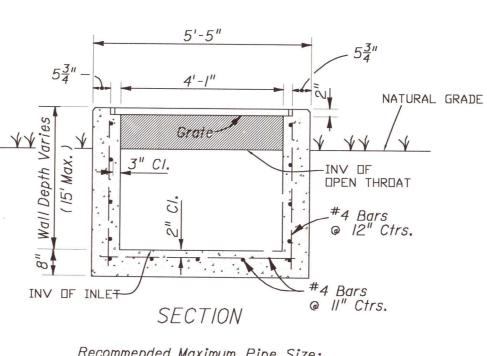




SECTION "B-B"

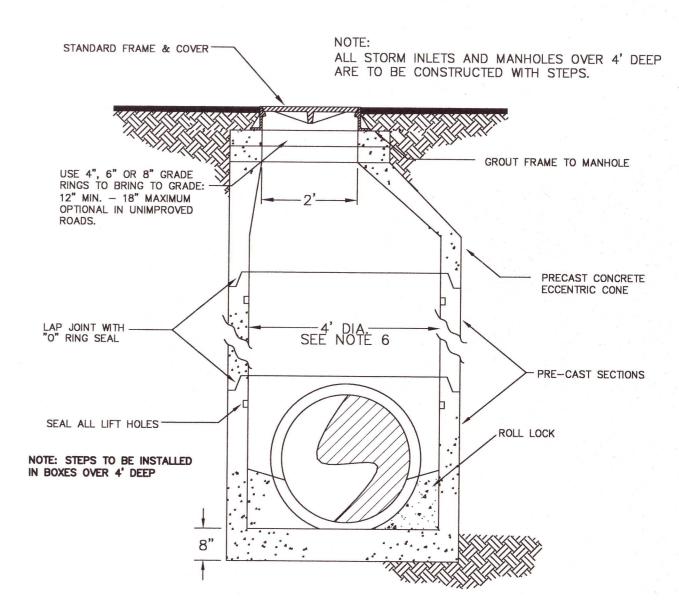


SECTION "A-A" NTS



TYPE 'A-1' DROP INLET DETAIL

NOT RELEASED FOR CONSTRUCTION



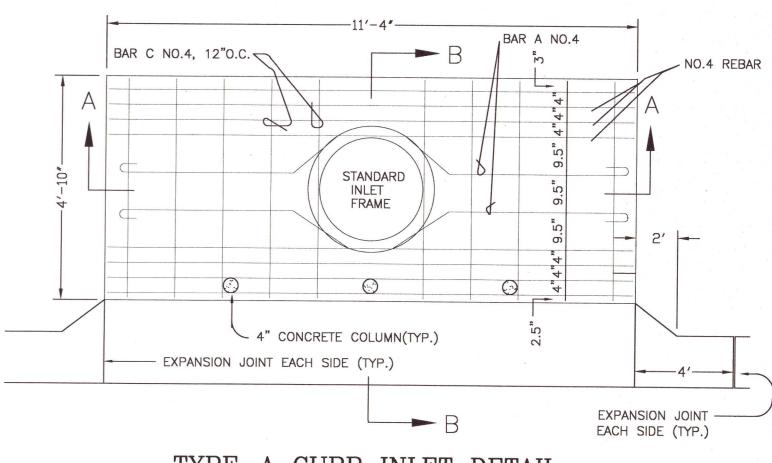
STANDARD JUNCTION BOX

JUNCTION BOX NOTES:

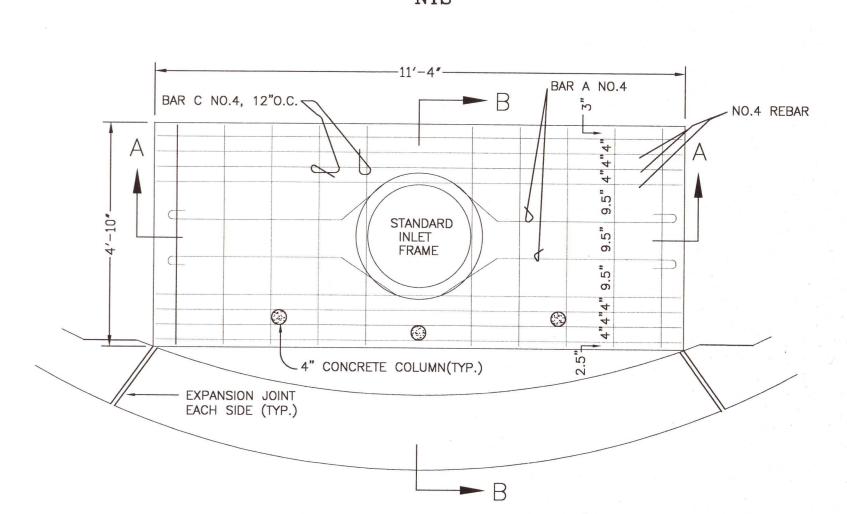
- MANHOLE SHALL CONFORM TO A.S.T.M. C 478 SPECIFICATIONS. 2. DIAMETER OF OPENING FOR PIPE SHALL BE 1" LARGER DIAMETER THAN BELL
- OF THE PIPE BEING USED. 3. JOINTING COMPOUND SHALL BE RAM NECK, TYPE 1, ROPE FORM PLASTIC GASKET OR EQUAL.
- 4. ALL PATCHING TO BE DONE WITH HYDRAULIC CEMENT. NO MORTAR REPAIRS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



TYPE-A CURB INLET DETAIL NTS



NTS

PERMIT SET

ZPATRI

FIT

 \triangleleft

D.

田

H

A. BURKETT DESIGNED BY: D. FITZPATRICK

SIGNATURE & SEAL CENSE No 47818

PROJECT NUMBER 20-004 PLOT 6/3/21

SHEET C18 OF C19

CHLORINE REQUIRED FOR STERILIZATION

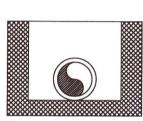
PIPE SIZE	SPECIFICATION	I.D. INCHES	GALLS/100'	CHLORINE REQUIRED PER 100' FOR 25ppm	CHLORINE REQUIRED PER 100' FOR 50ppm
2'	D2241 DR26	2.193	20	0.10 oz.	0.20 oz.
3"	D2241 DR26	3.230	43	0.22 oz.	0.44 oz.
4"	C-900 DR18	4.230	73	0.37 oz.	0.75 oz.
6"	C-900 DR25	4.390	79	0.40 oz.	0.81 oz.
	C-900 DR18	6.090	151	0.78 oz.	1.55 oz.
	C-900 DR25	6.300	162	0.83 oz.	1.66 oz.
8"	C-900 DR18	7.980	260	1.33 oz.	2.67 oz.
	C-900 DR25	8.280	280	1.44 oz.	2.87 oz.
12"	C-900 DR18	11.650	554	2.84 oz.	5.69 oz.
	C-900 DR25	12.080	595	3.06 oz.	6.12 oz.
16"	C-905 DR18	15.470	977	5.01 oz.	10.03 oz.
	C-905 DR25	16.010	1,046	5.37 oz.	10.74 oz.
20"	C-905 DR18	19.200	1,504	7.72 oz.	15.45 oz.
	C-905 DR25	19.870	1,611	8.27 oz.	16.55 oz.
24"	C-905 DR18	N/A	N/A	N/A	N/A
	C-905 DR25	23.742	2,300	11.81 oz.	23.62 oz.

NOTE : - 16", 20" AND 24" PIPE SIZES ARE C.I.O.D.

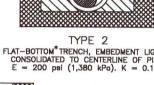
- FOR HTH WITH 65% AVAILABLE CHLORINE - 1 US GALLON WEIGHS 8.345 #

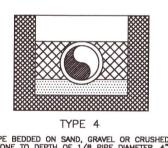
APPROX. 1 oz./100 gal FOR 50 ppm APPROX. 0.5 oz./100 gal FOR 25 ppm

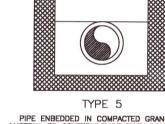
CHLORINE REQUIRED FOR STERILIZATION N.T.S.









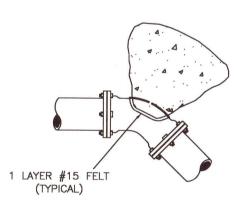


NOTE: REQUIRED EMBEDMENT TYPE WILL DEPEND ON THE PIPE'S DIMENSION RATIO, INTERNAL OPERATING PRESSURE, AND EXTERNAL LOAD, AND SHALL BE SPECIFIED BY THE PURCHASER.(SEE SEC. 5.3)

*"FLAT-BOTTOM" IS DEFINED AS UNDISTURBED EARTH.
*"LOOSE SOIL" OR "SELECT MATERIAL" IS DEFINED AS NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS
FOREIGN MATERIAL, AND FROZEN EARTH. A SOFT "LOOSE SOIL" BEDDING WILL CONTOUR TO THE PIPE BOTTOM. CAUTION
MUST BE EXERCISED TO ENSURE PROPER PLACEMENT OF EMBEDMENT MATERIAL UNDER THE HAUNCHES OF THE PIPE,

From AWWA C.605
UNDERGROUND INSTALLATION OF PVC PIPE

PIPE ENVELOPE REQUIREMENTS N.T.S.



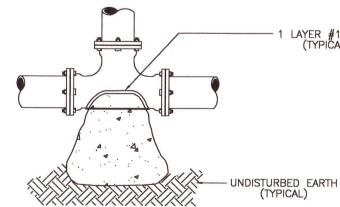
SURFAC	E AREA A	GAINST U	NDISTURBE	D SOIL
FITTING PIPE SIZE	DEAD END OR TEE	90° BEND	45* BEND	22.5* BEND
4**	1' X 2'	1.5' X 1.5'	1' X 1.5'	1' X 1'
6"	2' X 2'	2.5' X 2.5'	2' X 1.5'	1' X 1.5'
8"	2.25' X 3'	3' X 3'	2' X 2.5'	1.5' X 1.5'
10"	3.5' X 3'	4' X 3.75'	2.75' X 3'	2' X 2'
12"	4' X 4'	4' X 5'	3' X 4'	2' X 3'
16"	5' X 5.5'	6' X 6.5'	4' X 5'	3' X 3.5'

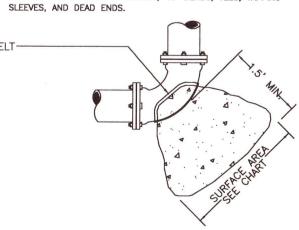
MINIMUM THRUST BLOCK DIMENSIONS:

45° BEND - M.J.

1. ONE LAYER OF #15 FELT TO BE USED TO PREVENT ADHESION

OF CONCRETE TO FITTING. 2. ALL THRUST BLOCKS TO BE BACKED BY UNDISTURBED SOIL 3. THRUST BLOCK DIMENSIONS BASED ON SM SOIL CLASSIFICATION 4. CONCRETE MIN. 2,500 PSI. 5. JOINT RESTRAINTS ARE TO BE USED ON ALL FITTINGS. TRUST BLOCKS REQUIRED ON 90' BENDS, 45' BENDS, TEES, TAPPING

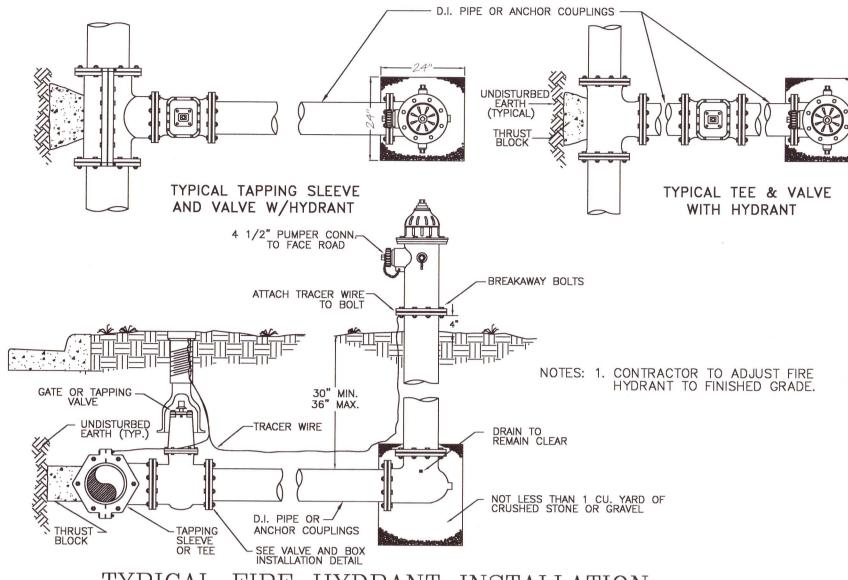




TEE - M.J.

90° BEND - M.J.

TYPICAL THRUST BLOCK INSTALLATIONS



TYPICAL FIRE HYDRANT INSTALLATION: TAPPING SLEEVE & VALVE and TEE CONNECTION

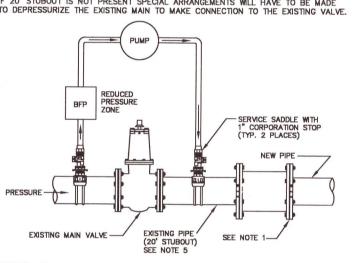
NOTES:

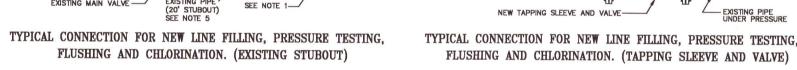
NEW PIPE SHALL BE CAPPED OR PLUGGED FOR PRESSURE TEST. ONCE TEST IS SATISFACTORILY COMPLETED NEW MAIN IS TO BE CONNECTED TO EXISTING MAIN IN A MANNER ACCEPTABLE TO SSRU

2. THE CONTRACTOR SHALL FLUSH LINE PRIOR TO STARTING THE CHLORINATION PROCEDURE.
ALL FLUSHING SHALL BE DONE THROUGH THE EXISTING VALVE
WITH ALL HYDRANTS AND SERVICE LINES OPEN.
SSRU INSPECTOR SHALL BE THE ONLY PERSON ALLOWED TO OPERATE THE
VALVE AND SHALL BE PRESENT DURING FLUSHING OPERATION.
ONCE FLUSHING IS COMPLETE THE INSPECTOR SHALL CLOSE THE VALVE.

3. ONCE SATISFACTORY BACTERIOLOGICAL SAMPLES ARE OBTAINED THE CONTRACTOR SHALL CLOSE BOTH CORPORATION STOPS AND REMOVE SERVICE TUBING, PUMP AND BACKFLOW PREVENTER; CAP CORPORATION STOPS WITH BRASS CAPS. 4. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR FILLING, CHLORINATING AND TESTING PROCEDURES. CONTRACTOR SHALL PROVIDE SAMPLING TAPS AT THOSE LOCATIONS APPROVED BY THE SSRU INSPECTOR. SSRU SHALL COLLECT TEST SAMPLES.

5. IF 20' STUBOUT IS NOT PRESENT SPECIAL ARRANGEMENTS WILL HAVE TO BE MADE TO DEPRESSURIZE THE EXISTING MAIN TO MAKE CONNECTION TO THE EXISTING VALVE.



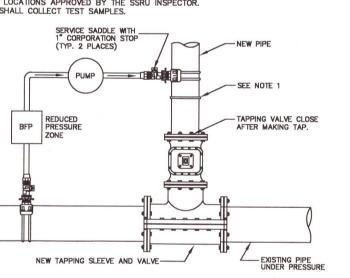


NOTES:

NEW PIPE SHALL BE CAPPED OR PLUGGED FOR PRESSURE TEST. ONCE TEST IS SATISFACTORILY COMPLETED NEW MAIN IS TO BE CONNECTED TO TAPPING VALVE. TAPPING VALVE IS TO REMAIN CLOSED.

2. THE CONTRACTOR SHALL FLUSH LINE PRIOR TO STARTING THE CHLORINATION PROCEDURE. ALL FLUSHING SHALL BE DONE THROUGH THE TAPPING VALVE WITH ALL HYDRANTS AND SERVICE LINES OPEN. SSRU INSPECTOR SHALL BE THE ONLY PERSON ALLOWED TO OPERATE THE VALVE AND SHALL BE PRESENT DURING FLUSHING OPERATION. ONCE FLUSHING IS COMPLETE THE INSPECTOR SHALL CLOSE THE VALVE. 3. ONCE SATISFACTORY BACTERIOLOGICAL SAMPLES ARE OBTAINED THE CONTRACTOR SHALL CLOSE BOTH CORPORATION STOPS AND REMOVE SERVICE TUBING, PUMP AND BACKFLOW PREVENTER; CAP CORPORATION STOPS WITH BRASS CAPS.

4. CONTRACTOR SHALL FURNISH ALL MATERIALS, EQUIPMENT AND LABOR NECESSARY FOR FILLING, CHLORINATING AND TESTING PROCEDURES.
CONTRACTOR SHALL PROVIDE SAMPLING TAPS AT THOSE LOCATIONS APPROVED BY THE SSRU INSPECTOR.
SSRU SHALL COLLECT TEST SAMPLES.



FLUSHING AND CHLORINATION. (TAPPING SLEEVE AND VALVE) TYPICAL DISINFECTION & CHLORINATION

PIPE JOINT RESTRAINT TABULATION

N.T.S.

SHOWING DISTANCES IN FEET FROM THE FITTING TO BE RESTRAINED TO THE LAST RESTRAINING GLAND REQUIRED

PIPE SIZE	HORIZONTAL BENDS				0 ₂	TEES (LENGTH ALONG
AND TYPE	90 Deg.	45 Deg.	22.5 Deg.	11.25 Deg.	DEAD ENDS	BRANCH)
3" DI	18	8	4	2	33	20
4" DI	22	9	4	2	39	25
6" DI	31	13	6	3	55	37
8" DI	40	17	8	4	72	49
10" DI	48	20	9	5	86	60
12" DI	56	23	11	5	101	71
16" DI	70	29	14	7	129	92
20" DI	84	35	17	8	156	112
24" DI	96	40	19	9	181	131
4" PVC	28	12	6	3	62	39
6" PVC	39	16	8	4	87	58
8" PVC	50	21	10	5	114	78
10" PVC	60	25	12	6	136	94
12" PVC	70	29	14	7	160	112
16" PVC	88	36	17	9	205	146
20" PVC	105	43	21	10	247	177
24" PVC	120	50	24	12	287	207

NOTES 1. VALVES ARE BASED ON TEST PRESSURE =150 PSI, SOIL =SM, TRENCH TYPE =3, DEPTH =2.5', SAFETY FACTOR =2.0 (1.5 FOR TEES WITH LR =2').

2. AS A MINIMUM ALL FITTINGS SHALL BE RESTRAINED TO THE NEXT JOINT. 3. FOR OVERLAPPING JOINT RESTRAINTS, THE MOST RESTRICTIVE WILL APPLY. THE FARM HILL UTILITIES ENGINEER OR INSPECTOR MAY MAKE AN EXCEPTION IF THE DISTANCE TO BE RESTRAINED REQUIRES TEARING UP

4. AN UNEQUAL TEE IS A TEE WHERE ONE OF THE DIAMETERS IS UNEQUAL (I.E. 6X6X4). RESTRAINED LENGTH FOR AN UNEQUAL TEE IS BASED ON DISTANCES FOR THE LARGER DIAMETER SHOWN IN THE TABLE. THE DESIGN ENGINEER MAY PROVIDE CALCULATIONS TO JUSTIFY A REVISED RESTRAINT DISTANCE. 5. IF A DEAD-END IS WITHIN A FEW FEET OF A REDUCER, THEN RESTRAIN THE REDUCER AS A DEAD-END BASED ON THE LARGER DIAMETER PIPE. OTHERWISE RESTRAIN THE REDUCER AT THE NEAREST JOINT OR A

MINIMUM OF 20 FEET (WHICHEVER IS GREATER). 6. RESTRAINED LENGTHS FOR A VERTICAL OFFSETS MUST BE INDIVIDUALLY CALCULATED.

ALL POTABLE WATER WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST MOLINO UTILITY'S SPECIFICATIONS

L1/2" BEVEL

EARTH

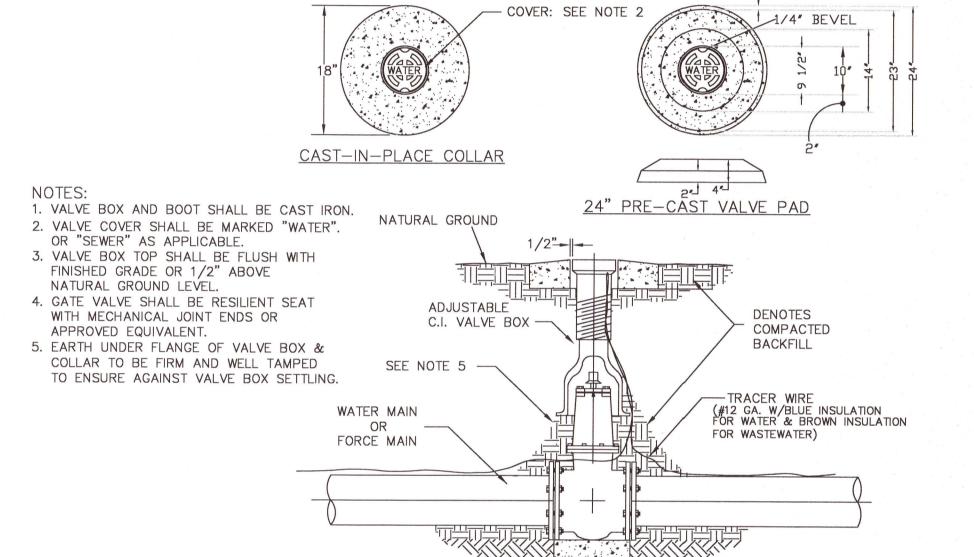
The following table summarizes the required separation distances from public water mains to other pipes as provided in Rule 62-62-555.314, F.A.C. Exceptions to these required distances are addressed on the second page.

Separation Requirements for Public Water System Mains

Other Pipe	Water Main X	Crossings Vertical Separation (Y) Water Main	Joint Spacing (Z) @ Crossings (Full Joint Centered) Z Water Main
 Storm Sewers Stormwater Force Mains Reclaimed Water Pipelines regulated under Part III of Chapter 62-610, F.A.C. 	3 ft. minimum	For water main installed above other pipe (preferred), 12 inches is the minimum except for storm sewer, then 6 inches is the minimum and 12 inches is preferred 12 inches minimum if water main is below other pipe	Alternate 3 ft. minimum
Vacuum Sanitary Sewer	10 ft. preferred 3 ft. minimum	For water main installed above other pipe, 12 inches preferred and 6 inches minimum 12 inches minimum if water main is below other pipe	Alternate 3 ft. minimum
Gravity or Pressure Sanitary Sewer Sanitary Sewer Force Main Reclaimed Water Pipelines not regulated under Part III of Chapter 62-610, F.A.C.	10 ft. preferred 6 ft. minimum (note - 3 ft. minimum for gravity sanitary sewer where the bottom of the water main is laid at least 6 inches above the top of the gravity sanitary sewer)	For water main installed above other pipe (preferred), 12 inches is the minimum except for gravity sewer, then 6 inches is the minimum and 12 inches is preferred 12 inches minimum if water main is below other pipe	Alternate 6 ft. minimum
On-Site Sewage Treatment & Disposal System	10 ft. minimum	NA	NA

Refer to the next page for exceptions to the minimum separation requirements provided above.

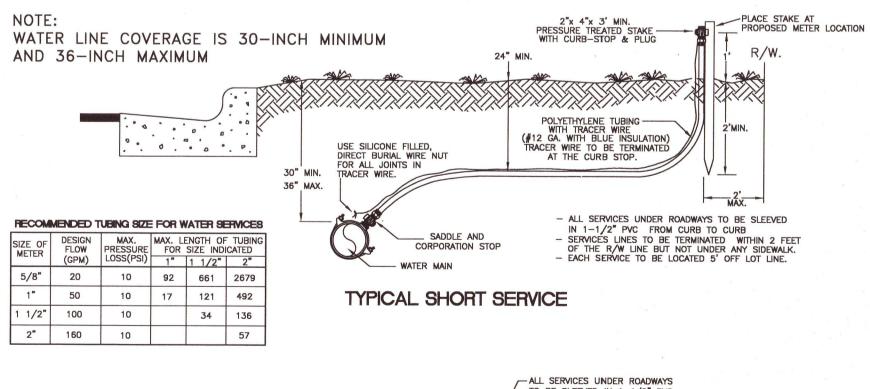
Disclaimer - This document is provided for your convenience only. Please refer to Rule 62-555.314, F.A.C., for additional construction requirements.

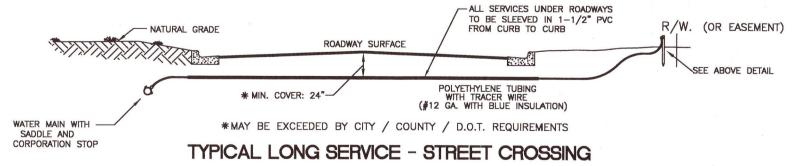


CONCRETE PAD OR SAKCRETE

(12" AND LARGER VALVES)

TYPICAL VALVE & BOX INSTALLATION





TYPICAL WATER SERVICE INSTALLATION

PERMIT SET NOT RELEASED FOR CONSTRUCTION

6/3/21

ATRI

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DRAWN BY: A. BURKETT DESIGNED BY: D. FITZPATRICK SEGNATURE & SEAL No 47818 STATE OF

DATE: PROJECT 20-004

PLOT DATE SHEET C19 OF C19