

McGIRTS CREEK DEVELOPMENT

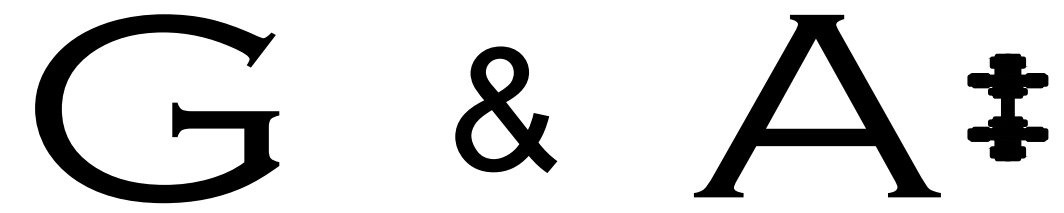
FOR

NEW ATLANTIC BUILDERS

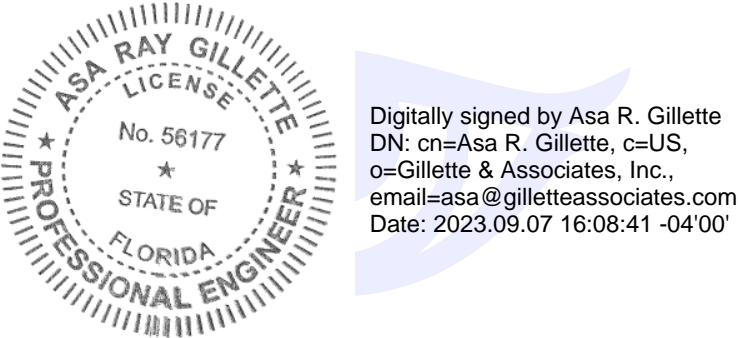
GILLETTE & ASSOCIATES, INC.

CIVIL & ENVIRONMENTAL ENGINEERING
MECHANICAL & STRUCTURAL ENGINEERING
PERMITTING & CONSTRUCTION MANAGEMENT

20 SOUTH 4TH STREET AMELIA ISLAND, FLORIDA 32034
PHONE: 904/261-8819



ISSUE DATE: JULY 20, 2022
REVISION DATE: AUGUST 23, 2023



Digitally signed by Asa R. Gillette
DN: cn=Asa R. Gillette, c=US,
o=Gillette & Associates, Inc.,
email=asa@gilletteassociates.com
Date: 2023.09.07 16:08:41 -04'00'

PLANS DESIGNED UNDER JEA 2022 WATER STANDARDS

FINAL CONNECTION TO JEA WATER SYSTEM IS CONTINGENT UPON THE COMPLETION AND
ACCEPTANCE OF McGIRTS CREEK OFFSITE PLANS (AVAILABILITY NUMBER 2021-1849)

PERMITTING AGENCIES
NASSAU COUNTY, FLORIDA
JEA (AVAILABILITY NUMBER 2022-3803)
ST. JOHN'S RIVER WATER MANAGEMENT DISTRICT
FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

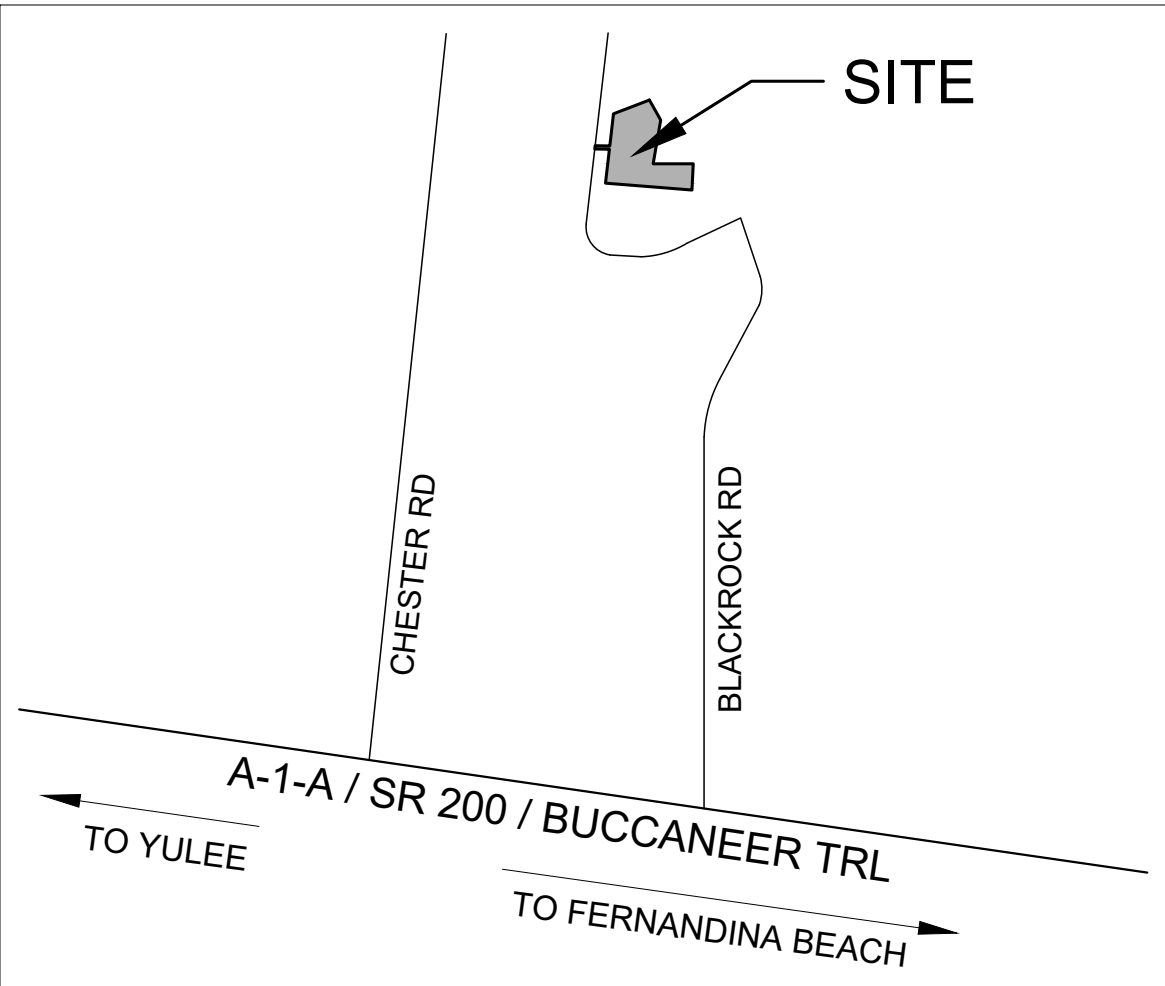
G&A Project
No.:21-10-48

McGIRTS CREEK DEVELOPMENT
FOR
NEW ATLANTIC BUILDERS

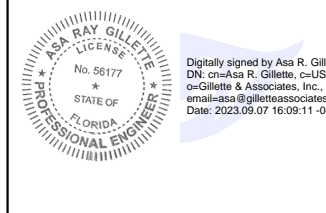
RELEASED FOR CONSTRUCTION BY



SITE LOCATION MAP



SITE / GEOMETRY NOTES	SITE / GEOMETRY NOTES CONT.	SEWER NOTES	INDEX																																								
<p>1. ALL WORK SHALL BE PERFORMED IN A SAFE MANNER. ALL SAFETY RULES AND GUIDELINES OF O.S.H.A. SHALL BE FOLLOWED. THE CONTRACTOR SHALL BE WHOLLY RESPONSIBLE FOR ANY INJURIES OF HIS EMPLOYEES, AND ANY DAMAGE TO PRIVATE PROPERTY OR PERSONS DURING THE COURSE OF THIS PROJECT. ALL COSTS ASSOCIATED WITH COMPLYING WITH REGULATIONS AND THE FLORIDA TRENCH SAFETY ACT MUST BE INCLUDED IN THE CONTRACTOR'S PRICE FOR PERFORMING THE WORK.</p> <p>2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VISITING THE JOB SITE PRIOR TO PREPARING THE BID FOR THE PURPOSE OF FAMILIARIZING HIMSELF WITH THE NATURE AND THE EXTENT OF THE WORK AND LOCAL CONDITIONS, EITHER SURFACE OR SUBSURFACE, WHICH MAY AFFECT THE WORK TO BE PERFORMED, AND THE EQUIPMENT, LABOR AND MATERIALS REQUIRED. FAILURE TO DO SO WILL NOT RELIEVE THE CONTRACTOR OF COMPLETE PERFORMANCE UNDER THIS CONTRACT. THE CONTRACTOR IS URGED TO TAKE COLOR PHOTOGRAPHS ALONG THE ROUTE OF THIS PROJECT TO RECORD EXISTING CONDITIONS PRIOR TO CONSTRUCTION, AND TO AID IN RESOLVING POSSIBLE FUTURE COMPLAINTS THAT MAY OCCUR DUE TO CONSTRUCTION OF THE PROJECT. ALL COSTS ASSOCIATED WITH PRELIMINARY INVESTIGATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.</p> <p>3. ALL IMPROVEMENTS SHOWN ARE TO BE WARRANTED BY THE CONTRACTOR TO THE DEVELOPER.</p> <p>4. ELEVATIONS ARE BASED ON NAVD DATUM OF 1988.</p> <p>5. TOPOGRAPHIC AND BOUNDARY INFORMATION WAS PROVIDED BY MANZIE AND DRAKE LAND SURVEYING (904-491-5700) ON 11/05/2021.</p> <p>6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY BUILDING, RIGHT-OF-WAY PERMITS NOT PROVIDED AND INSURANCE REQUIRED FOR THE PROJECT.</p> <p>7. THE CONTRACTOR SHALL COORDINATE THE WORK WITHIN COUNTY OR STATE RIGHT-OF-WAY WITH THE PROPER AGENCIES FOR MAINTENANCE OF TRAFFIC AND METHOD OF CONSTRUCTION & REPAIR.</p> <p>8. THE CONTRACTOR SHALL ADVISE THE OWNER'S AUTHORIZED REPRESENTATIVE OF PLANNED WORK SCHEDULE. THE CONTRACTOR SHALL COORDINATE THEIR CONSTRUCTION WITH ALL OTHER CONTRACTORS. IN THE EVENT OF ANY CONFLICT WHATSOEVER, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD, AND THE OWNER PRIOR TO PROCEEDING WITH CONSTRUCTION.</p> <p>9. "AS-BUILT" DRAWINGS - AS-BUILTS ARE REQUIRED TO BE SIGNED AND SEALED BY A FLORIDA REGISTERED LAND SURVEYOR. THEREFORE, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONTRACT WITH A LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA FOR THE PREPARATION, FIELD LOCATIONS, CERTIFICATION, AND SUBMITTAL OF AS-BUILT DRAWINGS.</p> <p>10. "AS-BUILT" RECORD DATA AND INFORMATION SHALL BE MAINTAINED BY THE CONTRACTOR. RECORD DRAWINGS SHALL BE SUPPLIED TO THE ENGINEER.</p> <p>11. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL SURVEY AND PROPERTY MONUMENTS. IF A MONUMENT IS DISTURBED, THE CONTRACTOR SHALL CONTRACT WITH THE SURVEYOR OF RECORD FOR REINSTALLATION OF THE MONUMENT.</p> <p>12. ALL DEBRIS RESULTING FROM ALL ACTIVITIES SHALL BE DISPOSED OF OFFSITE BY CONTRACTOR ON A DAILY BASIS.</p> <p>13. ALL EXCESS SUITABLE AND UNSUITABLE MATERIALS SHALL BE REMOVED FROM THE SITE BY THE CONTRACTOR UNLESS DIRECTED OTHERWISE BY THE ENGINEER.</p> <p>14. ALL EXISTING TREES LISTED TO REMAIN SHALL BE PRESERVED AND PROTECTED.</p> <p>15. THE LOCATION OF ALL EXISTING UTILITIES, STRUCTURES, AND IMPROVEMENTS ON THE DRAWINGS ARE BASED ON LIMITED INFORMATION AND MAY NOT HAVE BEEN FIELD VERIFIED. THE LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL NOTIFY RESPECTIVE UTILITY OWNERS AND FIELD VERIFY LOCATIONS OF EXISTING UTILITIES AND OTHER IMPROVEMENTS PRIOR TO COMMENCING ANY CONSTRUCTION. IF THE LOCATIONS SHOWN ARE CONTRARY TO ACTUAL FIELD LOCATIONS, THE CONTRACTOR SHALL NOTIFY THE OWNER AND ENGINEER OF THE DISCREPANCY. THE DISCREPANCY SHOULD BE RESOLVED PRIOR TO COMMENCING</p>	<p>CONSTRUCTION. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING IN AREAS NEAR EXISTING UTILITY IMPROVEMENTS AND SHALL BE RESPONSIBLE FOR REPAIRS OR PAYMENTS FOR ALL DAMAGE MADE TO EXISTING UTILITIES OR OTHER IMPROVEMENTS. PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION, THE CONTRACTOR SHALL VERIFY ALL GRADES, INVERTS, AND TYPE OF MATERIAL OF EXISTING UTILITIES TO WHICH THEY SHALL CONNECT.</p> <p>16. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS TO THE ENGINEER ON ALL MATERIALS, FOR REVIEW AND APPROVAL, PRIOR TO PURCHASE OR CONSTRUCTION OF ANY UTILITY OR STRUCTURE.</p> <p>17A. UNSUITABLE MATERIALS UNDER WATER, SEWER, OR STORM PIPE AND/OR STRUCTURES SHALL BE REMOVED AND REPLACED WITH SELECTED BACKFILL COMPACTED TO 98% OF IT'S MAXIMUM DENSITY AS DETERMINED BY THE MODIFIED PROCTOR TEST (ASTM D1557).</p> <p>17B. ALL FINISH FLOORS SHOWN ON THE PLANS ARE MINIMUM ELEVATIONS</p> <p>18. GRADES SHOWN ON PLANS ARE EDGE OF PAVEMENT FINISHED GRADES UNLESS OTHERWISE NOTED.</p> <p>19. SHOULD THE SURFACE OR SUBSURFACE CONDITIONS VARY FROM WHAT IS SHOWN ON THE PLANS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER.</p> <p>20. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE SEEDED AND MULCHED UNLESS OTHERWISE SPECIFICALLY STATED. ALL DISTURBED AREAS WITHIN THE NASSAU COUNTY RIGHT OF WAY SHALL BE COVERED WITH SOD.</p> <p>21. THE CONTRACTOR IS RESPONSIBLE FOR THE CONTROL OF SEDIMENT-LADEN RUNOFF RESULTING FROM STORM EVENTS DURING THE CONSTRUCTION PHASE. EROSION CONTROL FACILITIES SHOULD BE INSTALLED EARLY DURING THE CONSTRUCTION PERIOD SO AS TO PREVENT THE TRANSPORT OF SEDIMENT INTO SURFACE WATERS. RE-VEGETATION AND STABILIZATION OF DISTURBED AREAS SHOULD BE ACCOMPLISHED IMMEDIATELY TO REDUCE THE POTENTIAL FOR FURTHER SOIL EROSION.</p> <p>22. ANY DISCREPANCIES ON THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER AND COUNTY BEFORE COMMENCING WORK.</p> <p>23. MINIMUM COVER OVER PIPES SHALL BE 36" UNLESS OTHERWISE INDICATED.</p> <p>24. ALL UNDERGROUND UTILITY COMPANIES SHALL BE CONTACTED AT LEAST 48 HOURS PRIOR TO COMMENCING CONSTRUCTION.</p> <p>25. IN ADDITION TO THE SPECIFICATIONS AND DETAILS PROVIDED FOR THIS CONTRACT, THE NASSAU COUNTY STANDARD DETAILS AND SPECIFICATIONS (LATEST REVISION) SHALL ALSO BE USED FOR ANY ITEMS NOT COVERED. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A SET OF STANDARD DETAILS AND SPECIFICATIONS FROM NASSAU COUNTY.</p> <p>26. BACKFILL MATERIAL SHALL BE COMPACTED TO 100% (2%) UNDER EXISTING AND PROPOSED ROADWAYS.</p> <p>27. NO FIELD CHANGES OR DEVIATIONS FROM DESIGN TO BE MADE WITHOUT PRIOR APPROVAL OF THE ENGINEER.</p> <p>28. STATIONING REFERS TO THE CENTERLINE OF THE ROADWAY EXCEPT AS NOTED ON PLANS. WHERE PAVEMENT SPLITS, THE STATIONING FOLLOWS THE INSIDE EDGE OF PAVEMENT UNTIL ROADWAY TRANSITIONS BACK TO THE TYPICAL ROADWAY SECTION</p> <p>29. ALL CONSTRUCTION, MATERIAL, AND WORKMANSHIP ARE TO BE IN ACCORDANCE WITH COUNTY STANDARDS.</p> <p>30. A PRECONSTRUCTION MEETING WITH NASSAU COUNTY ENGINEERING SERVICES CONSTRUCTION INSPECTOR IS REQUIRED (904-530-6225).</p> <p>31. IF NASSAU COUNTY'S ROADWAY IS DAMAGED DURING CONSTRUCTION, IT MUST BE REPAIRED USING NASSAU COUNTY REPAIR METHOD.</p> <p>32. CONTRACTOR MUST PROVIDE DEWATERING PLAN TO NASSAU COUNTY AND FDEP PRIOR TO DEWATERING SITE.</p> <p>33. ALL RESIDENTS AND BUSINESSES TO HAVE ACCESS AT ALL TIMES.</p>	<p>1. ALL SEWER TO BE TREATED WITH ONSITE SEPTIC SYSTEMS. </p>	<table border="1"> <thead> <tr> <th></th> <th>PAGE #</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td rowspan="12">ONSITE PLANS</td> <td>1</td> <td>COVER SHEET</td> </tr> <tr> <td>2</td> <td>INDEX SHEET</td> </tr> <tr> <td>3</td> <td>NASSAU COUNTY NOTES</td> </tr> <tr> <td>4</td> <td>PREDEVELOPMENT PLAN</td> </tr> <tr> <td>5</td> <td>GEOMETRY PLAN</td> </tr> <tr> <td>6</td> <td>POST DEVELOPMENT DRAINAGE PLAN</td> </tr> <tr> <td>7-8</td> <td>UTILITY PLANS </td> </tr> <tr> <td>9-11</td> <td>LOT GRADING PLANS</td> </tr> <tr> <td>12</td> <td>LANDCAPE PLAN</td> </tr> <tr> <td>13-17</td> <td>McGIRTS CREEK LOOP PLAN & PROFILE SHEETS</td> </tr> <tr> <td>18</td> <td>McGIRTS CREEK ROAD PLAN & PROFILE SHEET</td> </tr> <tr> <td>19-21</td> <td>MISCELLANEOUS DETAILS</td> </tr> <tr> <td rowspan="4">OFFSITE PLANS</td> <td>22</td> <td>WATER MAIN EXTENSION PROJECT INFORMATION</td> </tr> <tr> <td>23-26</td> <td>GREEN PINE ROAD PLAN & PROFILE SHEETS</td> </tr> <tr> <td>27-29</td> <td>BLACKROCK ROAD PLAN & PROFILE SHEETS</td> </tr> <tr> <td>30</td> <td>MISCELLANEOUS DETAILS</td> </tr> <tr> <td>ALL</td> <td>31-36</td> <td>WATER DETAILS</td> </tr> </tbody> </table>		PAGE #	DESCRIPTION	ONSITE PLANS	1	COVER SHEET	2	INDEX SHEET	3	NASSAU COUNTY NOTES	4	PREDEVELOPMENT PLAN	5	GEOMETRY PLAN	6	POST DEVELOPMENT DRAINAGE PLAN	7-8	UTILITY PLANS 	9-11	LOT GRADING PLANS	12	LANDCAPE PLAN	13-17	McGIRTS CREEK LOOP PLAN & PROFILE SHEETS	18	McGIRTS CREEK ROAD PLAN & PROFILE SHEET	19-21	MISCELLANEOUS DETAILS	OFFSITE PLANS	22	WATER MAIN EXTENSION PROJECT INFORMATION	23-26	GREEN PINE ROAD PLAN & PROFILE SHEETS	27-29	BLACKROCK ROAD PLAN & PROFILE SHEETS	30	MISCELLANEOUS DETAILS	ALL	31-36	WATER DETAILS
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<p>1. ALL WATER & SEWER CONSTRUCTION SHALL BE ACCOMPLISHED BY AN UNDERGROUND UTILITY CONTRACTOR LICENSED UNDER THE PROVISIONS OF CHAPTER 489 FLORIDA STATUTES.</p> <p>2. WHEN DEWATERING CAPACITY REQUIRES A PERMIT (CUP), IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE PERMIT THROUGH THE ST. JOHNS RIVER WATER MANAGEMENT DISTRICT.</p> <p>3. WATER MAINS SHALL BE LAID AT LEAST 10 FEET HORIZONTALLY FROM ANY EXISTING OR PROPOSED SANITARY HAZARD. THE DISTANCE SHALL BE MEASURED EDGE TO EDGE. WHERE PARALLEL WATER AND SEWER MAINS HAVE LESS THAN 10 FOOT HORIZONTAL SEPARATION, 20 FOOT LENGTHS OF C900 (DR18) WATER QUALITY PIPE SHALL BE USED WITH THE JOINTS STAGGERED AT 10 FOOT INTERVALS. THE PIPES SHALL BE PLACED IN SEPARATE TRENCHES WITH THE WATER MAIN AT LEAST 18 INCHES ABOVE THE SEWER.</p> <p>4. WATER MAINS CROSSING SANITARY HAZARDS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 18 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN. WHERE WATER AND SEWER MAINS CROSS WITH BETWEEN 18 INCHES AND 6 INCHES OF VERTICAL CLEARANCE, A 20 FOOT SECTION OF C900 (DR18) WATER QUALITY PIPE SHALL BE CENTERED ON THE POINT OF THE CROSSING. THE CONTRACTOR SHALL FIELD VERIFY THE VERTICAL SEPARATION. THE MINIMUM SEPARATION BETWEEN WATER AND SEWER PIPES IS TO BE 6 INCHES OUTSIDE DIAMETER TO OUTSIDE DIAMETER.</p> <p>5. NO WATER MAIN PIPE SHALL PASS THROUGH OR COME IN CONTACT WITH ANY PART OF A SEWER MANHOLE.</p> <p>6. TRACER WIRE SHALL BE PROVIDED ON ALL WATER MAINS AND FORCE MAINS. TRACER WIRE SHALL BE #10 UF SOLID COPPER WIRE, COATED, AND SUITABLE FOR BURIAL. COATING SHALL BE BLUE FOR WATER AND GREEN FOR SEWER MAIN CONNECTIONS. WIRE SHALL BE ATTACHED DIRECTLY TO TOP OF PIPE AND BROUGHT INTO EACH VALVE BOX AND COILED TO ALLOW FOR EASY ACCESS AND EXTENSION ABOVE FINISHED GRADE FOR ATTACHMENT OF LOCATING EQUIPMENT.</p> <p>7. ALL PIPE LENGTHS ARE APPROXIMATE DIMENSIONS. ALL DRAINAGE STRUCTURES SHALL BE CONSTRUCTED TO CONFORM WITH TYPICAL SECTIONS AND DETAILS AS SHOWN ON THE MISCELLANEOUS DETAILS SHEET AND IN ACCORDANCE WITH THE SPECIFICATIONS.</p> <p>8. ALL UNDERGROUND UTILITIES MUST BE INSTALLED PRIOR TO PREPARATION OF SUBGRADE FOR PAVEMENT.</p>	<p>EXISTING VALVE </p> <p>EXISTING WATER LINE </p> <p>EXISTING FIRE HYDRANT </p> <p>EXISTING PROPERTY LINE </p>	<p>PROPOSED SPOT ELEVATION </p> <p>PROPOSED WATER LINE </p> <p>PROPOSED SANITARY SEWER </p> <p>PROPOSED FIRE HYDRANT </p> <p>PROPOSED LOT LINE </p>	<p>1. WHERE UNDERGROUND WATER MAINS AND HYDRANTS ARE TO BE PROVIDED, THEY SHALL BE INSTALLED, COMPLETED, AND IN SERVICE PRIOR TO COMMENCING CONSTRUCTION WORK ON ANY STRUCTURE. (NFPA 1, 16.4.3.1.3, 2009 EDITION)</p> <p>2. CLEARANCES OF SEVEN AND ONE HALF FEET (7 FT-6 IN.) IN FRONT OF AND TO THE SIDES OF THE FIRE HYDRANT, WITH A FOUR FOOT CLEARANCE TO THE REAR OF THE HYDRANT. (NFPA 1, 18.3.4.1, 2009)</p> <p>3. NEW FIRE HYDRANT(S) SHALL BE INSTALLED SO THAT POSITIONED NOT MORE THAN 7 FEET 6 INCHES AWAY FROM CURB OR BERM OF THE ROADWAY.</p> <p>4. A BLUE RPM SHALL BE PLACED IN THE ROADWAY AT ALL FIRE HYDRANT LOCATIONS. </p>																																								

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Nassau County Development Review General Notes:

- Engineering Plans approval does not constitute permission to violate any adopted Federal, State, or Local law, code, or ordinance.
- All work within the public streets and right-of-ways shall conform to Nassau County Land Development Codes (LDC), FDOT Standard Indices, Florida Greenbook, Nassau County Roadway and Drainage Standards, and Nassau County Standard Details as necessary. For any discrepancy between standards, the most stringent shall prevail.
- Per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 6.2.4, site shall be constructed per approved construction drawings. Any substantial deviation shall be concurrently reviewed by Engineer of Record and Nassau County Development Review Committee prior to field changes.
- A pre-construction meeting with Nassau County Engineering Services Construction Inspector is required. Attendees shall be Nassau County, Engineer of Record, Contractor, Testing firm, Paving firm, and utility companies per Nassau County Ordinance 99-17 Section 7.2.3. Nassau County may cancel pre-construction meeting if attendee list is inadequate. Nassau County Engineering Services can be reached at 904-530-6225.
- The contractor shall schedule and coordinate all work with the appropriate Nassau County Construction Inspector assigned to the project per Nassau County Ordinance 99-17 Section 7.2.
- All work shall be performed in a safe manner. All safety rules and guidelines of O.S.H.A. shall be followed. The contractor shall be wholly responsible for any injuries to his employees and any damage to private property or persons during the course of this project.
- Per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 11.8.1, any disturbed areas within Nassau County Right-of-Way shall be sodded.
- Per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 7.4.1, at the time of final inspection, grassing shall be a minimum of seventy percent coverage and fully established and/or sodding to be one hundred percent coverage and stabilized.
- Engineer of Record approved shop drawings shall be provided to Nassau County Construction Inspector a minimum of one week before beginning structure installation.
- Parking at mail kiosks is required per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 8.4. Mail kiosk locations are subject to USPS Postmaster approval.
- The developer's contractor is the single responsible party for the proper implementation of an Erosion Protection Sediment Control (EPSC) within each lot or construction site. This includes the responsibility for the actions/inactions of employees, subcontractors, and/or suppliers.
- Sidewalks to be provided and built in accordance Florida Building Code. All proposed sidewalks shall meet ADA requirements.
- The Contractor shall comply with current Florida accessibility standards for all work on this project.
- Per Ordinance 99-17 Section 8.5.1, minimum cover for water lines and force mains under pavement shall 42" and 36" in green areas.
- All water, sewer, and storm water construction within Nassau County ROW shall be accomplished by an underground utility contractor licensed under the provisions of Chapter 409 of the Florida Statutes.
- No work shall be permitted between the hours of 7:00 PM - 7:00AM without prior approval from Nassau County Engineering Services.
- All trees required to be protected shall be flagged for protection prior to clearing.
- All grading and placement of compacted fill shall be in accordance with the latest Nassau County Specifications.
- Any damages (sidewalk, curb, asphalt, ditch grading, et cetera) within Public Right-of-Way shall be repaired or replaced in accordance with Nassau County Specifications. Proposed repair method shall be approved by Nassau County Engineering Services.
- Any asphalt millings from Nassau County ROW shall be delivered to the Road Department Laydown yard located on Gene Lasserre Boulevard or Pea Farm Road. Please contact the Road Department at (904) 530-6175.
- Per Nassau County Ordinance 99-17 Section 7.4.2 and 7.4.4, as-built drawings shall be submitted to Nassau County before a final inspection can be scheduled. As-builts submittals will be in accordance with Nassau County as-built requirement checklist. As-built drawings shall be certified by required licensed surveyor and approved by Engineer of Record.

Nassau County Stormwater Drainage Notes:

- All stormwater drainage facilities within Public Right-of-Way and paved areas, including Nassau County Right-of-Way, turn lanes, residential roadways, drive aisles for multi-family developments, and major drive aisles for commercial developments shall be laser profiled per FDOT Section 430.
- A builder cannot modify the County's storm water management system including the pipes, inlets, area drains, ditches and related elements typically within the street or within a drainage easement without the prior written approval of the County Engineer or designee.
- Drainage easements and ditches should remain free of stockpiled soil, sediment, mud, construction materials/waste, et cetera at all times. Positive stormwater flow must be maintained throughout construction.
- The contractor shall temporarily or permanently stabilize bare soil areas and soil stockpiles when the area is inactive for fourteen days or more or has reached finished grade.
- Per Ordinance 99-17 Section 11.11.5.4, all gravity flow pipe installations shall have a soil tight joint performance unless specific site factors warrant watertight joint performance.
- Per Ordinance 99-17 Section 10.6.5.1, immediately install additional Erosion Protection Sediment Control measures if sediment is leaving your site. Failure to contain sediment to your site may result in delayed inspections, notices of violation, citations, fines, penalties, and/or stop work orders.
- Per 99-17 Section 10.1.2.a-e, stormwater management for a project shall not have adverse effects on adjacent properties, downstream structures, or rights of other landowners.

Nassau County Paving Notes:

- Per Nassau County Roadway and Drainage Standards, Ordinance 99-17 Section 12.2 and 12.4, a construction bond and 26-month maintenance bond will be required for all work within Nassau County Right-of-Way.
- A pre-pave meeting is required prior to any paving operations within Nassau County ROW, residential subdivisions, or multi-family developments.
- Approved mix designs shall be provided to Nassau County Construction Inspector 48 hours prior to pre-pave meeting or placement of concrete.
- Contractor is required to have a Certified QC Asphalt Level II Technician during any asphalt operations within Nassau County ROW, residential subdivision, or multi-family developments.
- All bases shall be primed in accordance with Ordinance 99-17 Section 11.5.2.3, Nassau County Standard Details, and FDOT Standard Specifications.
- Signage and pavement markings shall be in compliance with Nassau County Standards, Manual on Uniform Traffic Control Devices (MUTCD), and FDOT Standard Plans.
- Maintenance of Traffic (MOT) shall be in compliance with FDOT Standard Index 600 Series.
- All work, materials, and testing performed within Nassau County right-of-way and single-family/multi-family developments shall be in accordance with the current revision of Nassau County's Ordinance 99-17 and all current Nassau County Standard Details.
- Per Ordinance 99-17 Section 11.9.2, all pavement markings within Nassau County ROW shall be lead free thermoplastic meeting Nassau County and FDOT Standard Specification Latest Edition.
- Removing pavement markings within Nassau County ROW shall be:
 - Grinding or hydro-blasting on weathered asphalt surfaces.
 - Hydro-blasting only on new asphalt surfaces.
 - Paint Blackout is prohibited.
- Per Ordinance 99-17 Section 8.5.5, any damage to pavement resulting from construction or pavement marking removal within Public ROW not planned as part of the project shall be milled and overlaid for entire width of roadway and length of damage plus 50' in each direction.
- All underground utilities, or appropriate conduit sleeves, that are to be installed under pavement must be installed prior to preparation of the subgrade for pavement.
- Single Vertical Joints in roadway construction shall be avoided in Nassau County Right-of-Way using Nassau County Standard Detail #26.
- All drainage structures shall have traffic bearing grates that meet or exceed the rating for the facilities expected traffic.
- All concrete shall be a minimum of 3000 psi within Public Right-of-Way.

L			
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J	EC	8/23/23	REVISED POND 2
H	EC	3/06/23	REVISED ENTRANCE CULVERT INVERTS
G	EC	2/23/23	REVISED PER JEA COMMENTS
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Rev.	By	Date	Revision

Scale: NONE
 Project Mgr: AG
 Designed by: NG
 Drawn by: EC
 QA/QC: AG

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McGIRTS CREEK DEVELOPMENT
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NASSAU COUNTY NOTES

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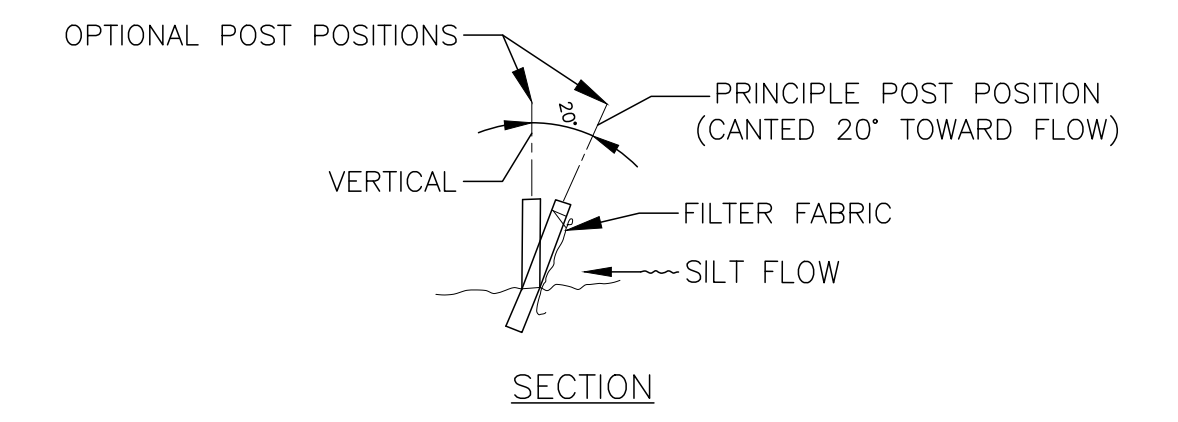
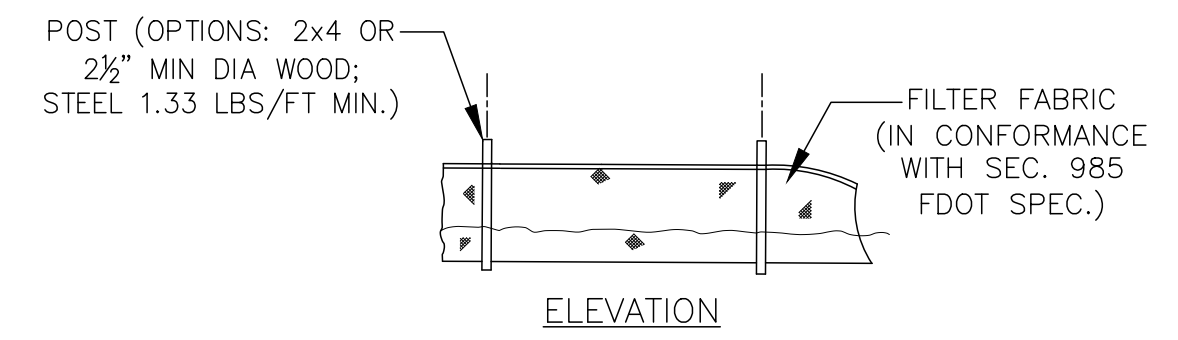
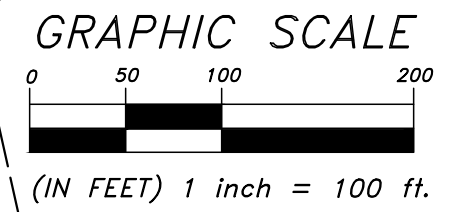
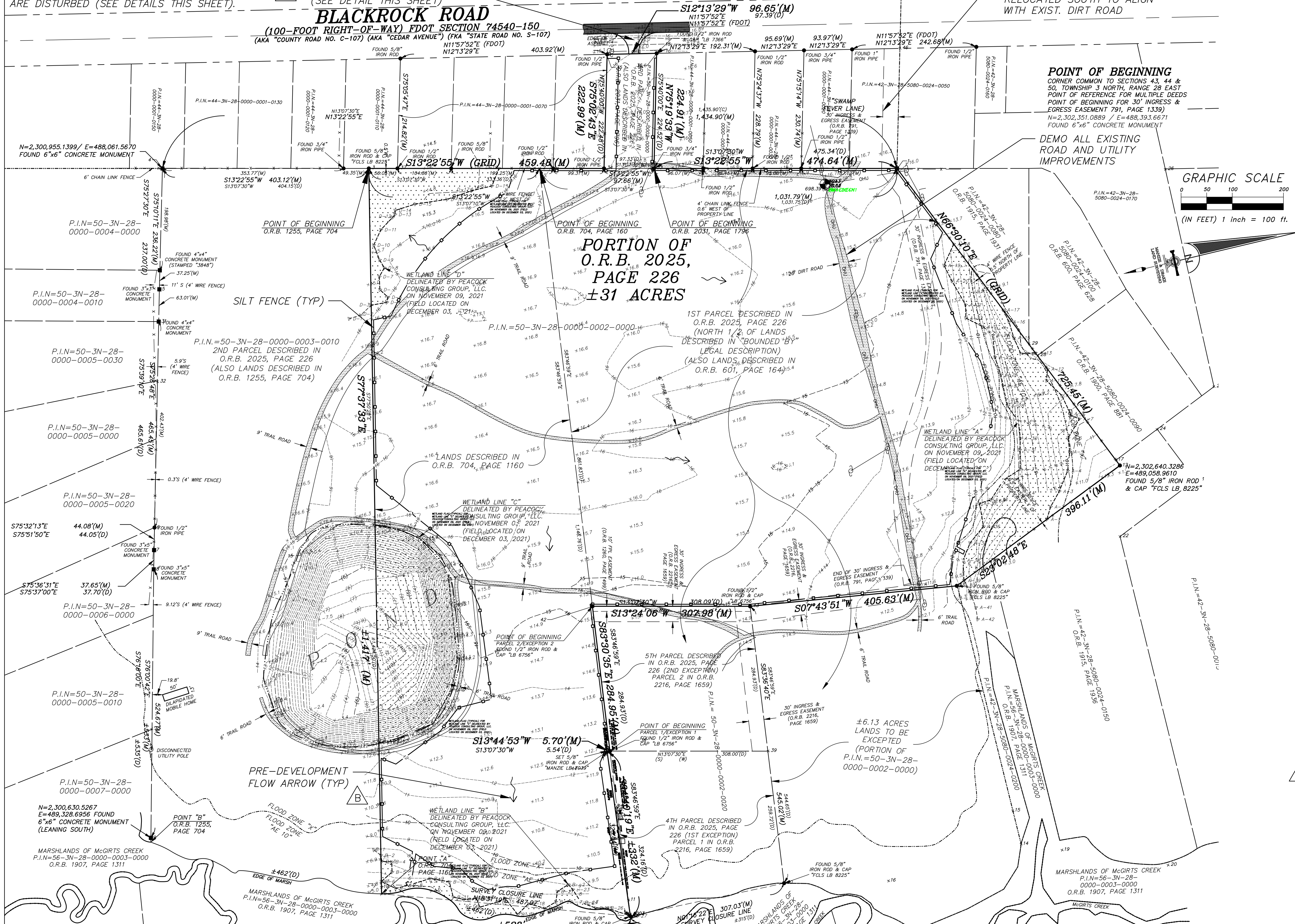


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 Project No. 21-10-48
 Sheet: IN-2
 Page 6 of 36

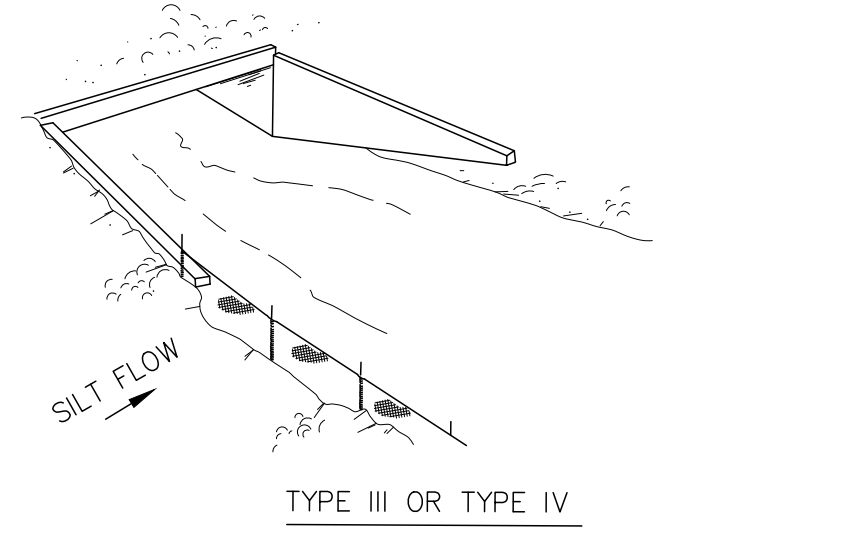
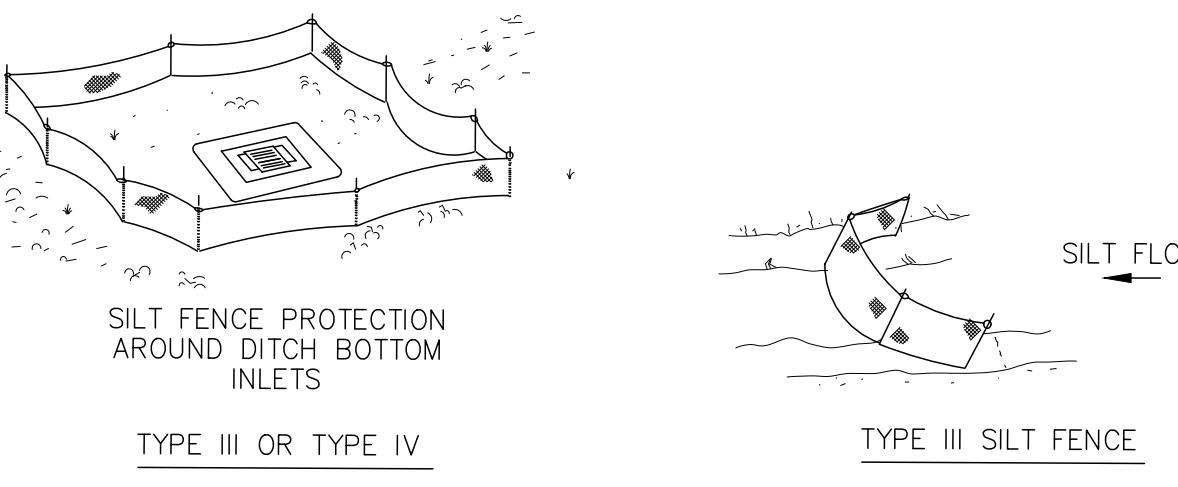
NOTE: INSTALL SILT FENCE IN ROW WHERE AREAS ARE DISTURBED (SEE DETAILS THIS SHEET).

CONSTRUCTION ENTRANCE (SEE DETAIL THIS SHEET)

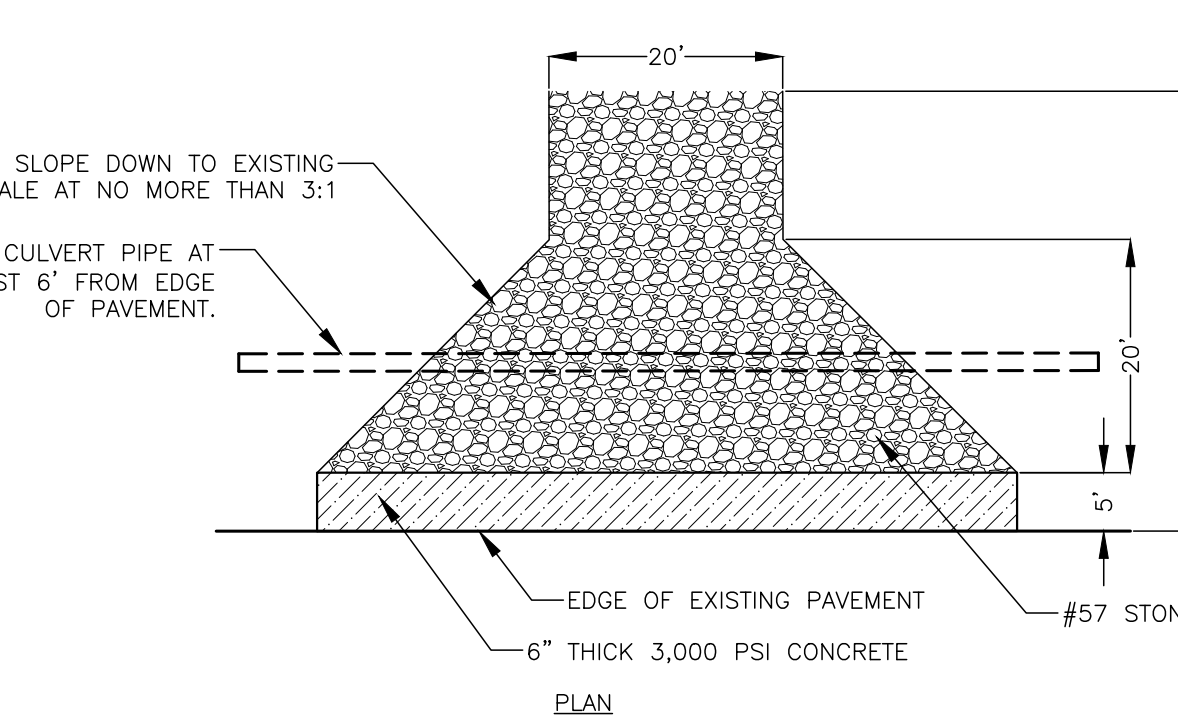
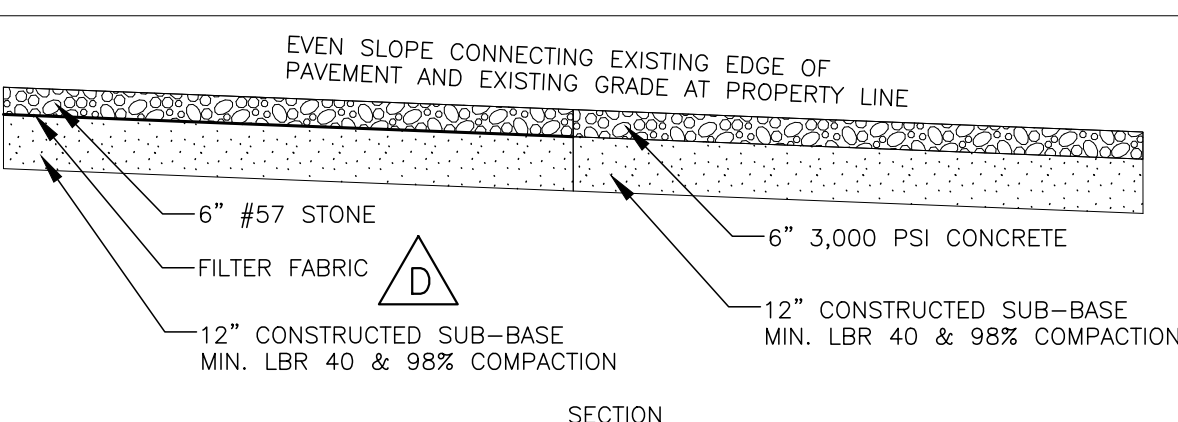
EXIST. EASEMENT TO BE RELOCATED SOUTH TO ALIGN WITH EXIST. DIRT ROAD



TYPE III SILT FENCE DETAIL



TYPE III OR TYPE IV



CONSTRUCTION ENTRANCE DETAIL

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Project Mgr: AG

Designed by: NG

Drawn by: EC

QA/QC: AG

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 FERNANDINA BEACH, FL 32034
 PHONE: (904) 261-8819

McGIRT'S CREEK DEVELOPMENT
 YULEE, FLORIDA

PREDEVELOPMENT PLAN

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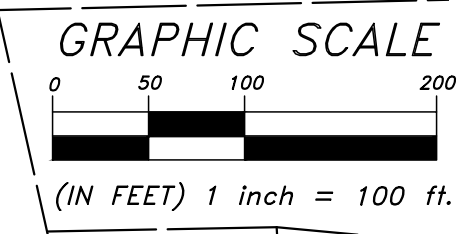
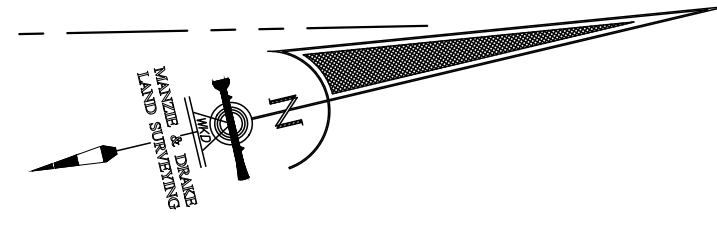
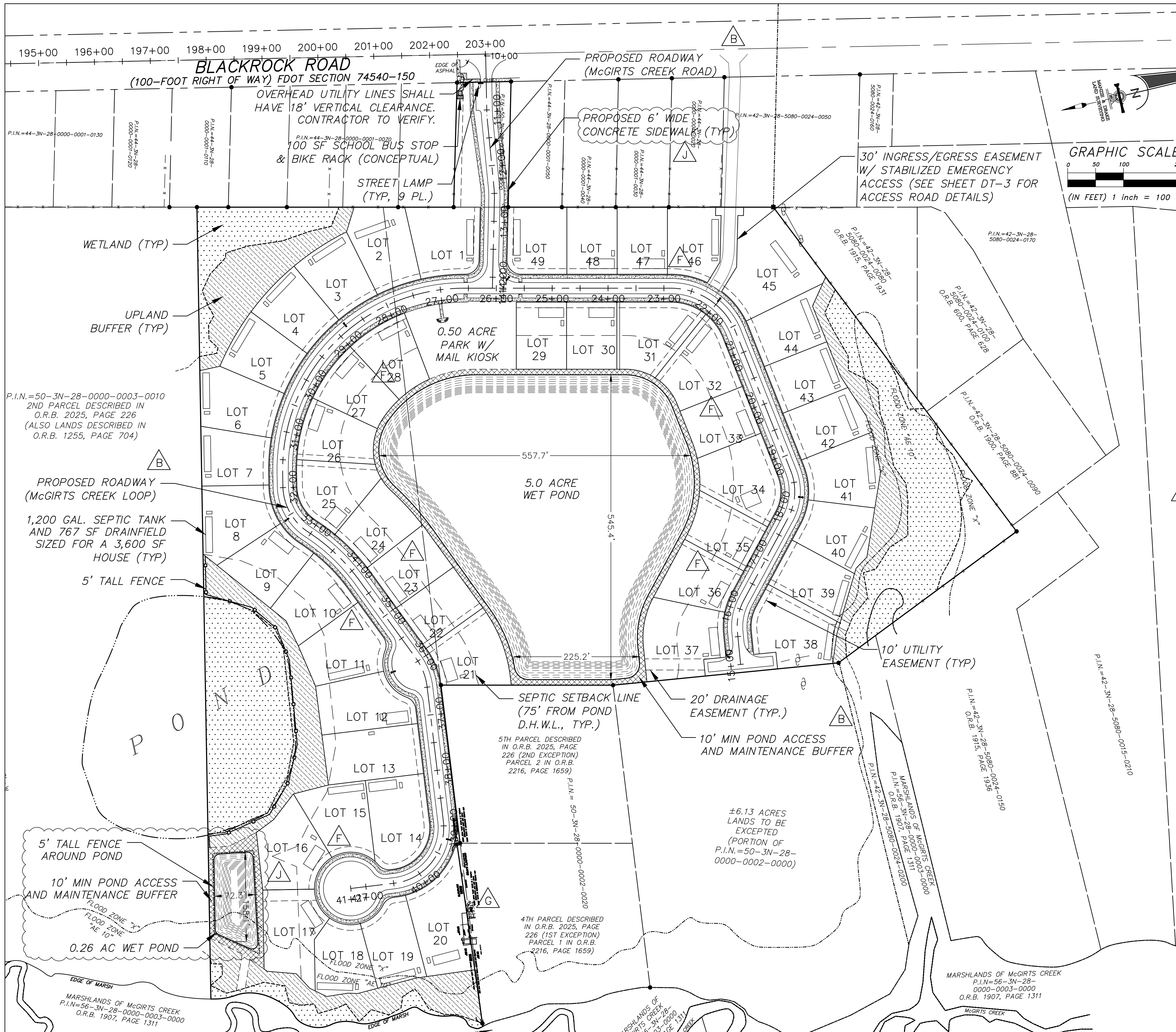
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 FLORIDA P.E. NO. 51677

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Project No. 21-10-48

Sheet: PRE-1

Page 4 of 36



GENERAL NOTES

PROPERTY
 PARCEL: 50-3N-28-0000-0002-0000
 ZONING: RS-1
 FLOOD ZONE: X & AE-10
 PROPOSED USE: SINGLE FAMILY RESIDENCES
 GROSS ACREAGE: 31.00 AC
 UPLAND AREA: 27.55 AC
 WETLAND AREA: 3.45 AC

LOTS
 MINIMUM LOT WIDTH: 90'
 MINIMUM LOT AREA: 10,800 SF
 MAXIMUM BUILDING HEIGHT: 35'
 FRONT YARD SETBACK: 30'
 SECONDARY FRONT YARD SETBACK (CORNER LOT): 24'
 CORNER LOTS: 1, 14, 49
 SIDE YARD SETBACK: 10'
 REAR YARD SETBACK: 15'

NEIGHBORHOOD PARK
 TOTAL AREA: 0.5 AC
 TOTAL PERIMETER: 607 FT
 ROAD FRONTAGE: 203 FT = 33% OF PERIMETER
 LONGEST WALKING PATH TO PARK: 1,477 FT FROM LOT 16

HATCH LEGEND

	WETLAND
	UPLAND BUFFER
	POND ACCESS BUFFER

LOT TABLE			
LOT #	WIDTH AT SETBACK (FT)	AREA (SF)	AREA (AC)
1	111	14,535	0.33
2	90	14,354	0.33
3	90	12,212	0.28
4	90	12,212	0.28
5	90	12,212	0.28
6	90	13,910	0.32
7	90	11,670	0.27
8	90	14,451	0.33
9	90	12,740	0.29
10	110	12,858	0.30
11	119	14,641	0.34
12	108	14,549	0.33
13	90	15,469	0.36
14	105	15,839	0.36
15	90	13,271	0.30
16	100	20,209	0.46
17	88	15,151	0.35
18	81	12,024	0.28
19	95	12,431	0.29
20	99	16,304	0.37
21	90	13,807	0.32
22	90	11,248	0.26
23	90	11,398	0.26
24	90	12,199	0.28
25	122	13,283	0.30
26	102	11,848	0.27
27	102	11,547	0.27
28	102	11,509	0.26
29	90	10,800	0.25
30	90	10,800	0.25
31	141	15,176	0.35
32	129	14,280	0.33
33	90	10,826	0.25
34	142	15,856	0.36
35	90	11,285	0.26
36	90	12,072	0.28
37	90	17,616	0.40
38	110	16,205	0.37
39	90	14,428	0.33
40	90	12,656	0.29
41	90	13,521	0.31
42	90	11,933	0.27
43	90	10,860	0.25
44	90	11,542	0.26
45	90	22,164	0.51
46	90	11,649	0.27
47	90	10,800	0.25
48	90	10,800	0.25
49	105	12,624	0.29

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Scale: 1" = 100'

Project Mgr: AG

Designed by: NG

Drawn by: EC

QA/QC: AG

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 20 SOUTH 4TH STREET
 FERNANDINA BEACH, FL 32034
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McGIRTS CREEK DEVELOPMENT
 YULEE, FLORIDA

GEOMETRY PLAN

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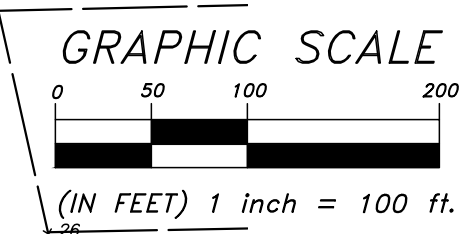
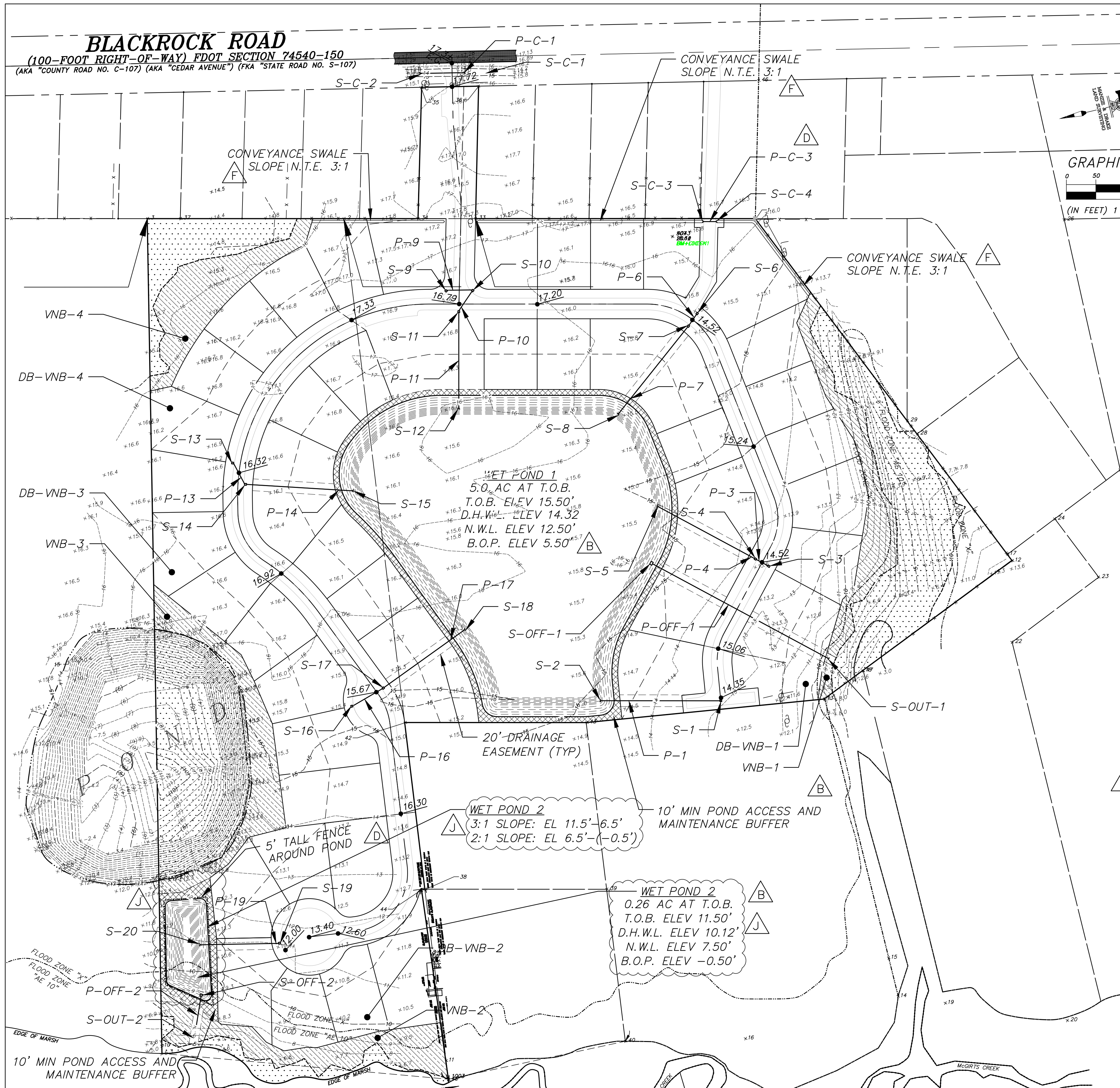
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Registered Design Professional
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 Sheet: GE-1
 Page 5 of 36

BLACKROCK ROAD

(100-FOOT RIGHT-OF-WAY) FDOT SECTION 74540-150
(AKA "COUNTY ROAD NO. C-107" (AKA "CEDAR AVENUE") (FKA "STATE ROAD NO. S-107))



HATCH LEGEND

- WETLAND
- UPLAND BUFFER
- POND ACCESS BUFFER

DRAINAGE BASIN TABLE

DRAINAGE BASIN	DRAINAGE INLET	DRAINAGE AREA (Ac)
DB-1	S-1	0.71
DB-3	S-3	0.93
DB-4	S-4	1.11
DB-6	S-6	1.98
DB-7	S-7	1.40
DB-9	S-9	1.09
DB-10	S-10	0.57
DB-11	S-11	0.57
DB-13	S-13	1.45
DB-14	S-14	0.96
DB-16	S-16	1.06
DB-17	S-17	0.76
DB-19	S-19	1.59
DB-POND-1	-	6.99
DB-POND-2	-	0.34
DB-VNB-1	-	0.89
DB-VNB-2	-	1.13
DB-VNB-3	-	1.23
DB-VNB-4	-	0.74

STRUCTURE TABLE

NAME	TYPE	TOP ELEV.	INVERT ELEVATION			
			N	S	E	W
S-1	TYPE C INLET	14.35	-	10.60	-	-
S-2	MES	-	10.09	-	-	-
S-3	CURB INLET	14.30	-	10.05	-	-
S-4	CURB INLET	14.30	10.01	6.60	-	-
S-5	MES	-	6.36	-	-	-
S-6	CURB INLET	14.80	-	10.05	-	-
S-7	CURB INLET	14.80	10.01	6.30	-	-
S-8	MES	-	6.11	-	-	-
S-9	CURB INLET	16.70	12.45	-	-	-
S-10	CURB INLET	16.70	-	12.38	12.38	-
S-11	TYPE C INLET	17.07	-	-	8.60	12.31
S-12	MES	-	-	-	-	8.39
S-13	CURB INLET	16.10	-	-	11.35	-
S-14	CURB INLET	16.10	7.20	-	-	11.30
S-15	MES	-	-	7.01	-	-
S-16	CURB INLET	14.74	10.49	-	-	-
S-17	CURB INLET	15.45	7.70	10.39	-	-
S-18	MES	-	-	7.48	-	-
S-19	CURB INLET	12.00	-	6.50	-	-
S-20	MES	-	6.27	-	-	-
S-OFF-1	MOD. TYPE E INLET	14.32	8.50	-	-	-
S-OFF-2	MOD. TYPE E INLET	10.12	-	-	5.50	-
S-OUT-1	MES	-	-	8.00	-	-
S-OUT-2	MES	-	-	-	5.00	-
S-C-1	MES	-	-	13.78	-	-
S-C-2	MES	-	13.74	-	-	-
S-C-3	MES	-	15.80	-	-	-
S-C-4	MES	-	-	15.70	-	-

PIPE TABLE

NAME	FROM	TO	SIZE	LENGTH	MATERIAL
P-1	S-1	S-2	18"	210'	ADS HP
P-3	S-3	S-4	24"	23'	ADS HP
P-4	S-4	S-5	30"	190'	HDPE
P-6	S-6	S-7	30"	23'	ADS HP
P-7	S-7	S-8	36"	201'	HDPE
P-9	S-9	S-10	24"	44'	ADS HP
P-10	S-10	S-11	24"	40'	ADS HP
P-11	S-11	S-12	30"	166'	HDPE
P-13	S-13	S-14	30"	41'	ADS HP
P-14	S-14	S-15	36"	184'	HDPE
P-16	S-16	S-17	24"	61'	ADS HP
P-17	S-17	S-18	30"	178'	HDPE
P-19	S-19	S-20	24"	133'	HDPE
P-OFF-1	S-OFF-1	S-OUT-1	36"	338'	ADS HP
P-OFF-2	S-OFF-2	S-OUT-2	36"	71'	HDPE
P-C-1	S-C-1	S-C-2	18"	82'	RCP
P-C-3	S-C-3	S-C-4	15"	22'	RCP

STORMWATER MAINTENANCE PLAN
POND BANKS AND MAINTENANCE BUFFERS ARE TO BE MOWED 30-36 TIMES PER YEAR, AS NEEDED. HOMEOWNERS ARE RESPONSIBLE FOR MOWING AND MAINTAINING THE AREA BETWEEN THE WATER AND THEIR LOT. THE HOA IS RESPONSIBLE FOR MOWING AND MAINTAINING ANY POND BANKS AND MAINTENANCE BUFFERS THAT ARE NOT ADJACENT TO SINGLE FAMILY HOME LOTS.

THE HOA IS RESPONSIBLE FOR MONTHLY POND MAINTENANCE, INCLUDING BUT NOT LIMITED TO AQUATIC WEED CONTROL, DEBRIS REMOVAL, AND VERIFICATION THAT THE PONDS AND OUTFALL STRUCTURES ARE OPERATING AS DESIGNED.

THE HOA IS RESPONSIBLE FOR YEARLY STORMWATER SYSTEM MAINTENANCE, INCLUDING BUT NOT LIMITED TO DEBRIS REMOVAL AND VERIFICATION THAT ALL STORMWATER STRUCTURES CALLED OUT ON THIS SHEET ARE OPERATING AS DESIGNED.

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Drawn by: EC
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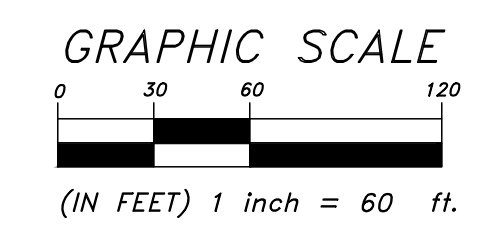
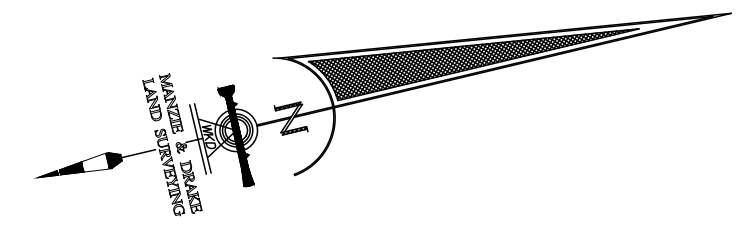
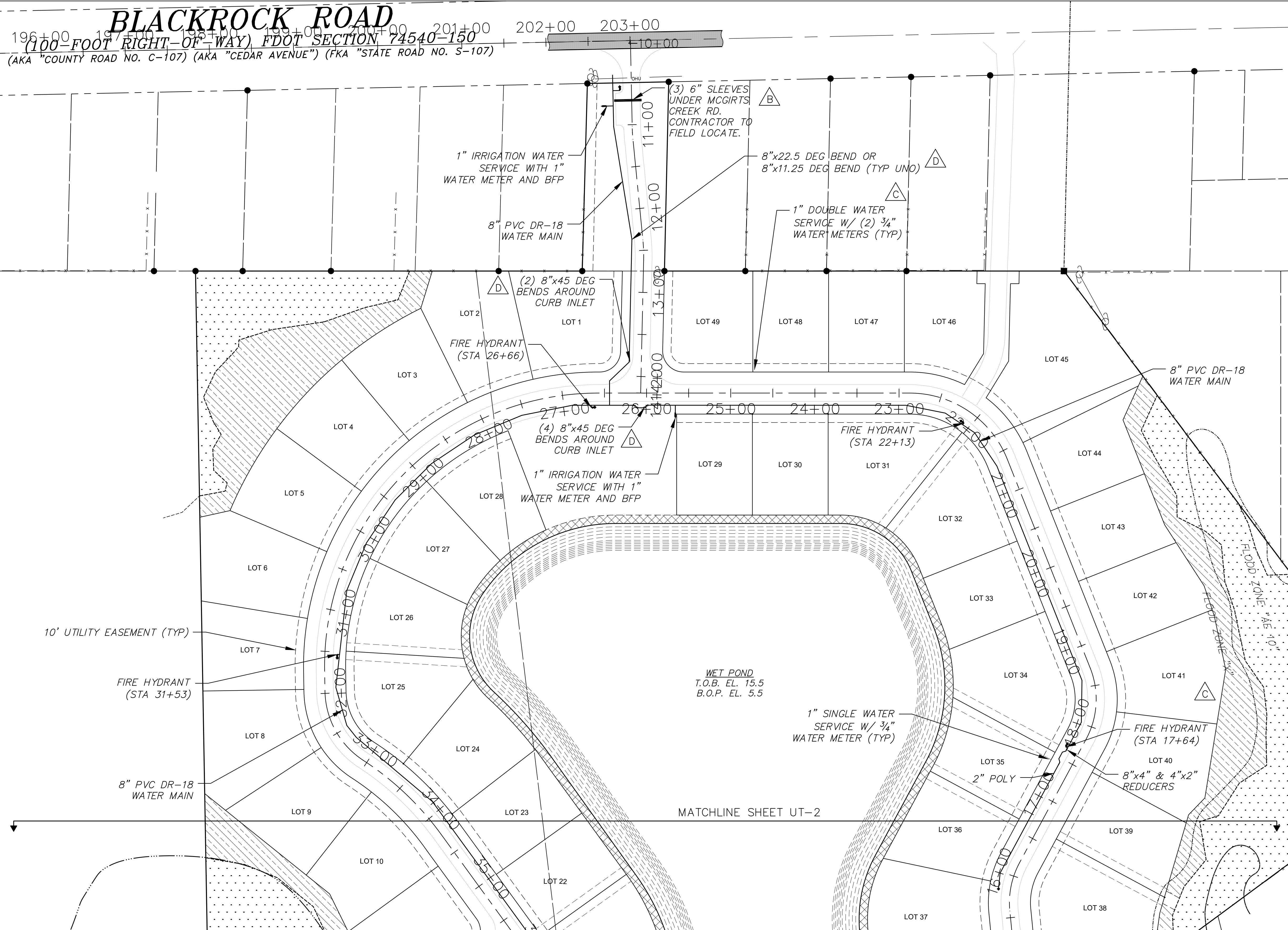
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DRAINAGE PLAN

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ASA R. GILLETTE, P.E.
FLORIDA P.E. NO. 56177

Date: 08/23/23
Project No. 21-10-48
Sheet: DR-1
Page 6 of 36



NOTES:

LANDSCAPING, OR ANY OTHER OBSTRUCTIONS, SHALL NOT BE LOCATED WITHIN 36" TO THE REAR OF ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTIONS.

WATER FOR FIREFIGHTING PURPOSES SHALL BE INDICATED WITH A BLUE ROADWAY REFLECTOR PLACED ONE FOOT OFF THE CENTER LINE OF THE ROAD FACING THE FIRE HYDRANT. THIS INCLUDES NEW AND EXISTING SOURCES (NFPA 1:18.5.7.1).

NEW FIRE HYDRANTS SHALL BE POSITIONED NOT MORE THAN 8 FEET NOR LESS THAN 6 FEET OFF THE EDGE OF PAVEMENT. THE CENTER OF THE STEAMER CONNECTION (4 1/2") SHALL BE POSITIONED BETWEEN 18"-24" ABOVE FINISHED GRADE (I.E. SODDED OR MULCHED). ALL HYDRANTS SHALL BE READILY ACCESSIBLE WITHOUT THE NEED TO TRAVERSE SWALES, DITCHES, ETC..

FIRE HYDRANTS SHALL BE NO MORE THAN 500 FEET APART.

A BLUE RPM SHALL BE PLACED IN THE ROADWAY AT ALL FIRE HYDRANT LOCATIONS.

SEWER TO BE TREATED WITH ONSITE SEPTIC SYSTEMS. SEE SHEET GE-1 FOR LOCATIONS.

SEE PLAN AND PROFILE SHEETS FOR MORE WATER MAIN PIPE AND FITTINGS INFORMATION.

HATCH LEGEND

	WETLAND
	UPLAND BUFFER
	POND ACCESS BUFFER

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Drawn by: EC

QA/QC: AG

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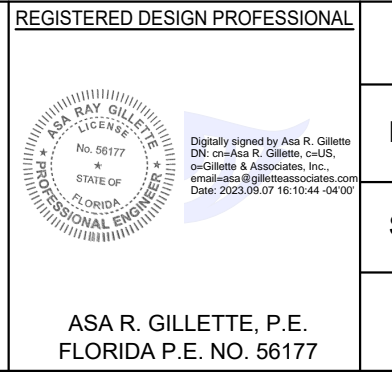
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YULEE, FLORIDA

UTILITY PLAN

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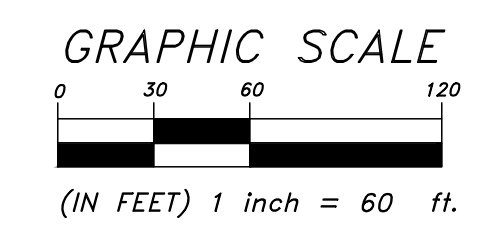
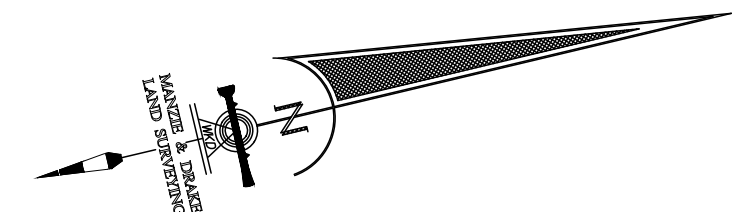
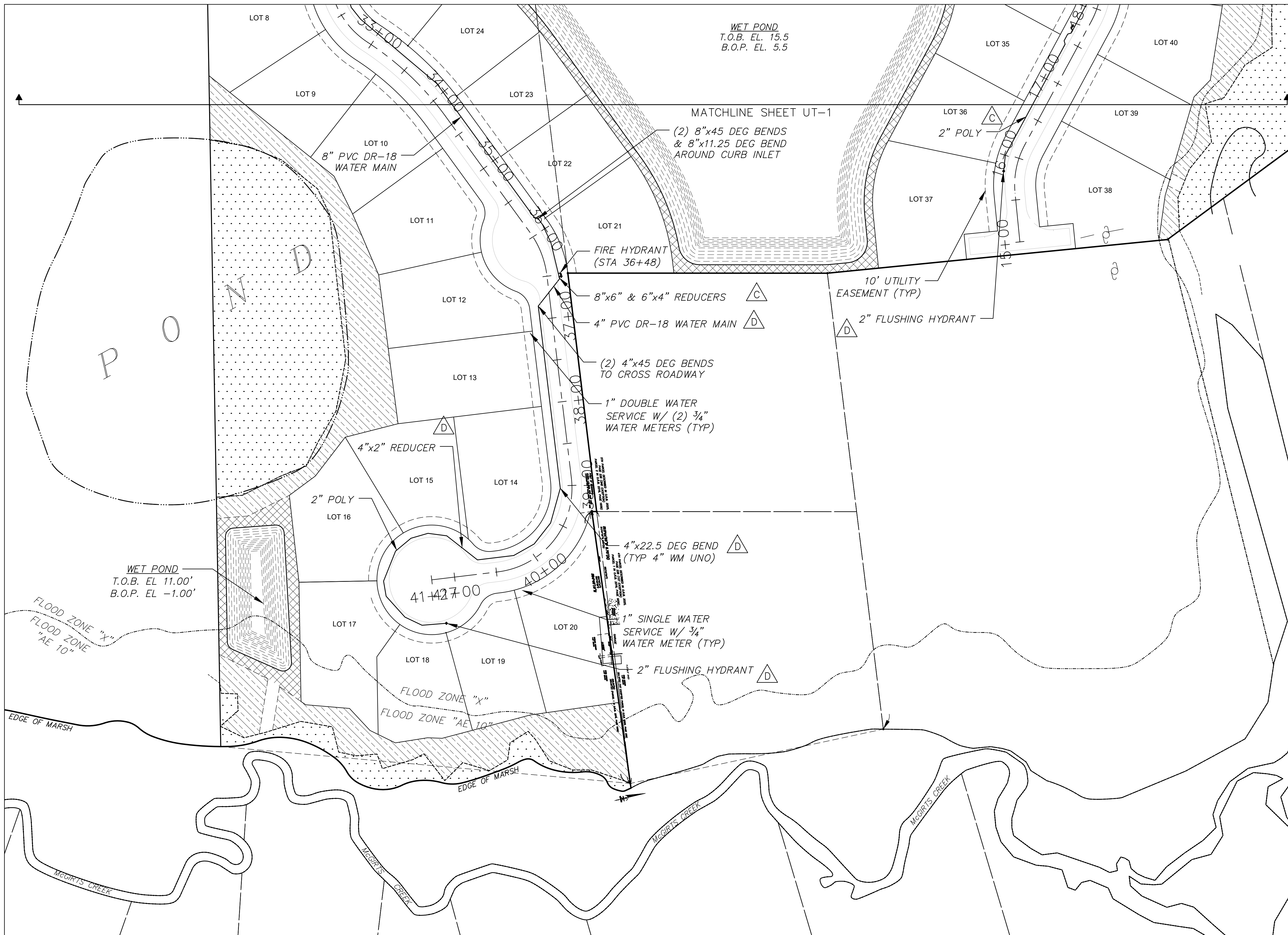


Date: 08/23/23

Project No. 21-10-48

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NOTES:

LANDSCAPING, OR ANY OTHER OBSTRUCTIONS, SHALL NOT BE LOCATED WITHIN 36" TO THE REAR OF ANY FIRE HYDRANT OR FIRE DEPARTMENT CONNECTIONS.

WATER FOR FIREFIGHTING PURPOSES SHALL BE INDICATED WITH A BLUE ROADWAY REFLECTOR PLACED ONE FOOT OFF THE CENTER LINE OF THE ROAD FACING THE FIRE HYDRANT. THIS INCLUDES NEW AND EXISTING SOURCES (NFPA 1:18.5.7.1).

NEW FIRE HYDRANTS SHALL BE POSITIONED NOT MORE THAN 8 FEET NOR LESS THAN 6 FEET OFF THE EDGE OF PAVEMENT. THE CENTER OF THE STEAMER CONNECTION (4 1/2") SHALL BE POSITIONED BETWEEN 18"-24" ABOVE FINISHED GRADE (I.E. SODDED OR MULCHED). ALL HYDRANTS SHALL BE READILY ACCESSIBLE WITHOUT THE NEED TO TRAVERSE SWALES, DITCHES, ETC..

FIRE HYDRANTS SHALL BE NO MORE THAN 500 FEET APART.

A BLUE RPM SHALL BE PLACED IN THE ROADWAY AT ALL FIRE HYDRANT LOCATIONS.

SEWER TO BE TREATED WITH ONSITE SEPTIC SYSTEMS. SEE SHEET GE-1 FOR LOCATIONS.

SEE PLAN AND PROFILE SHEETS FOR MORE WATER MAIN PIPE AND FITTINGS INFORMATION.

HATCH LEGEND

- WETLAND
- UPLAND BUFFER
- POND ACCESS BUFFER

Rev.	By	Date	Revision
L			
K			
J	EC	8/23/23	REVISED POND 2
H	EC	3/06/23	REVISED ENTRANCE CULVERT INVERTS
G	EC	2/23/23	REVISED PER JEA COMMENTS
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A	EC	7/20/22	ISSUE FOR NASSAU COUNTY REVIEW

Scale: 1" = 60'

Project Mgr: AG

Designed by: NG

Drawn by: EC

QA/QC: AG

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McGIRTS CREEK DEVELOPMENT
YULEE, FLORIDA

UTILITY PLAN

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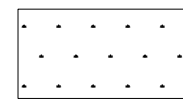
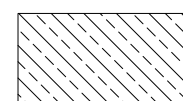
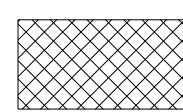
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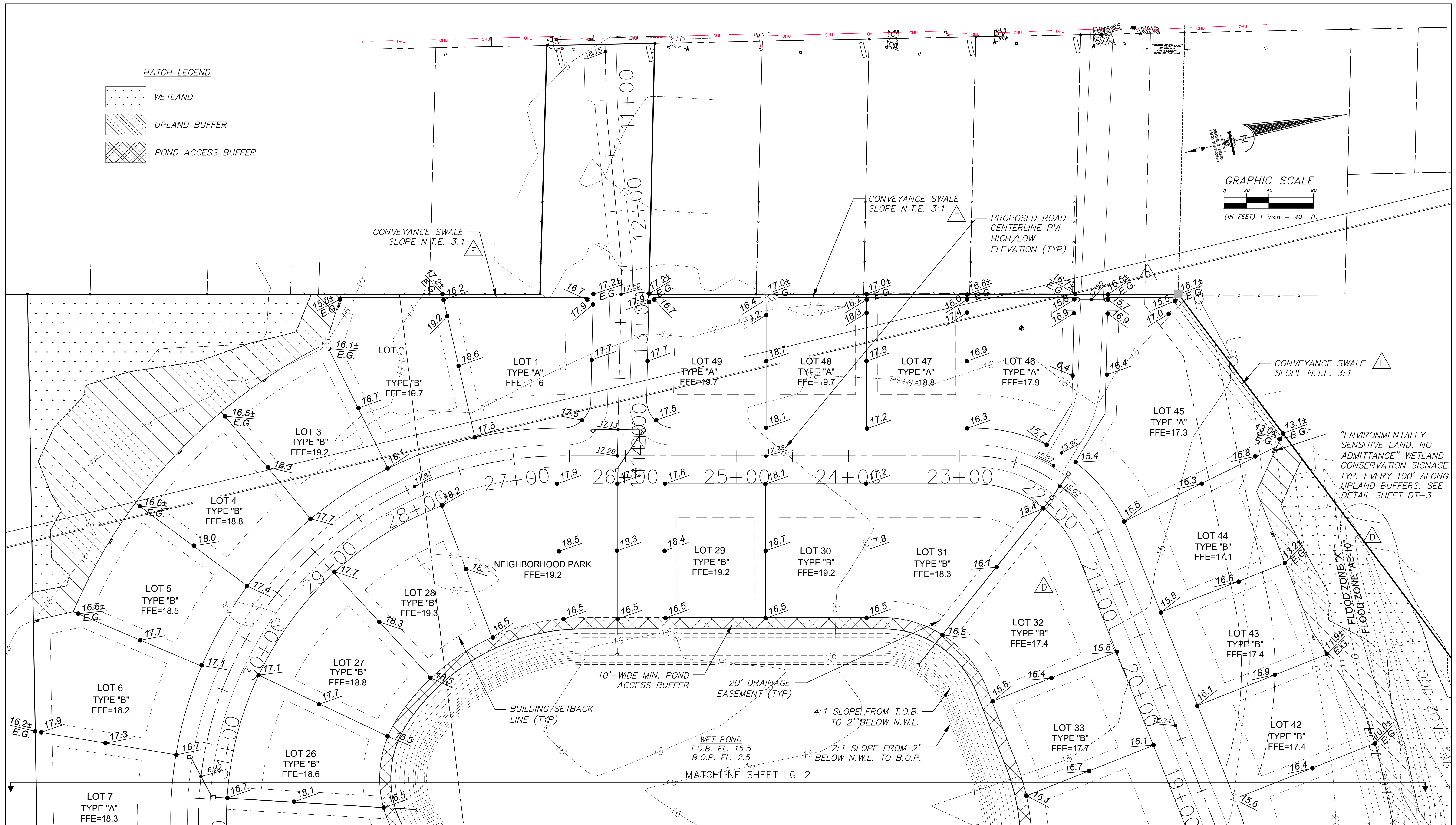
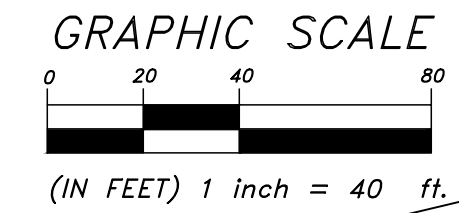
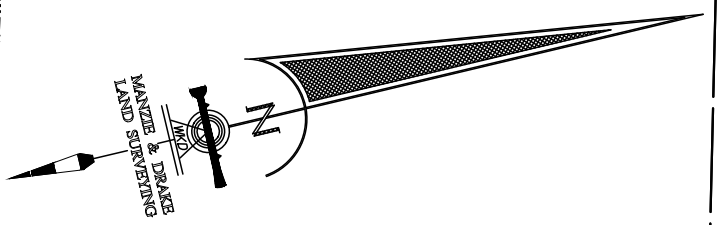
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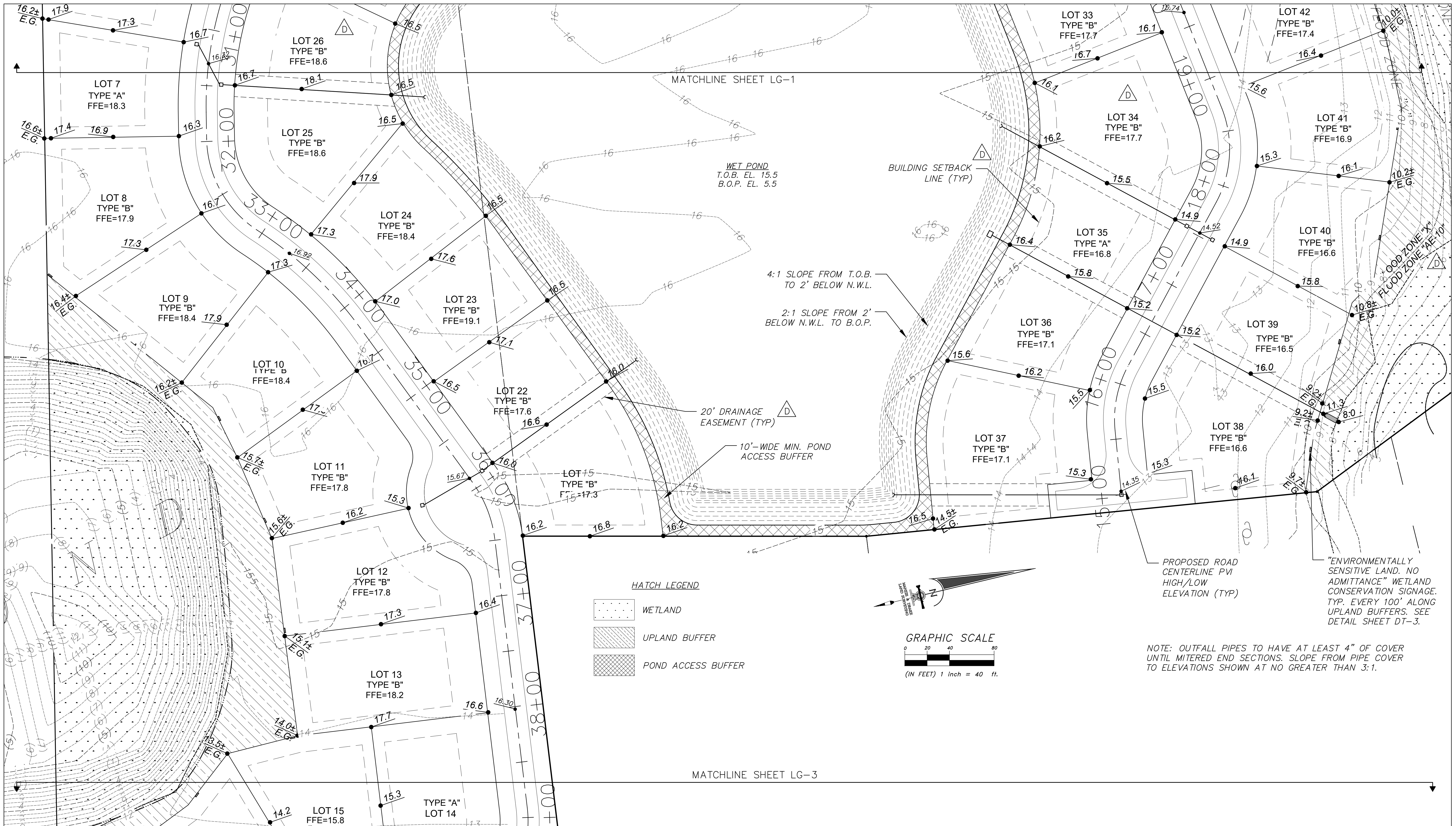
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LOT GRADING PLAN

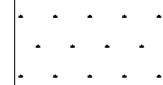
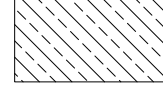
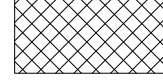
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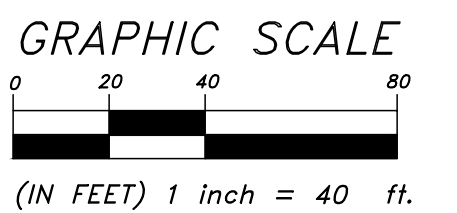
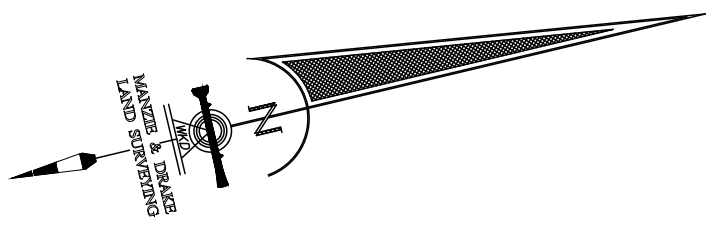
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 Page **LG 1** of **36**



HATCH LEGEND

-  WETLAND
-  UPLAND BUFFER
-  POND ACCESS BUFFER



NOTE: OUTFALL PIPES TO HAVE AT LEAST 4" OF COVER UNTIL MITERED END SECTIONS. SLOPE FROM PIPE COVER TO ELEVATIONS SHOWN AT NO GREATER THAN 3:1.

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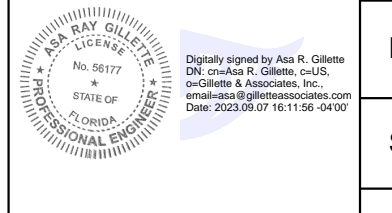
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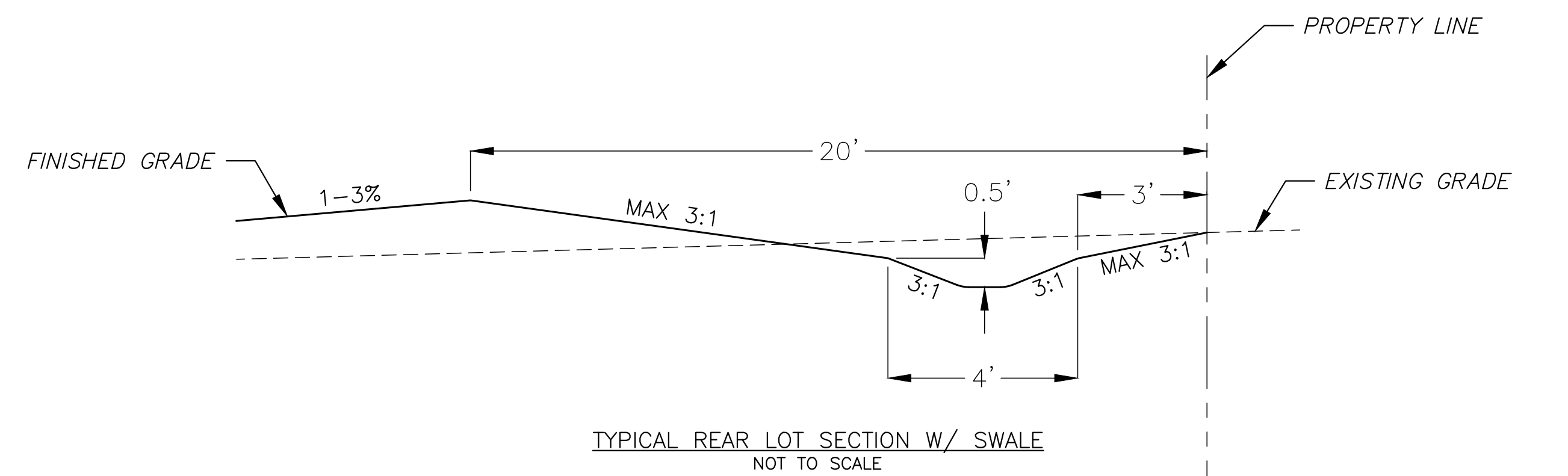
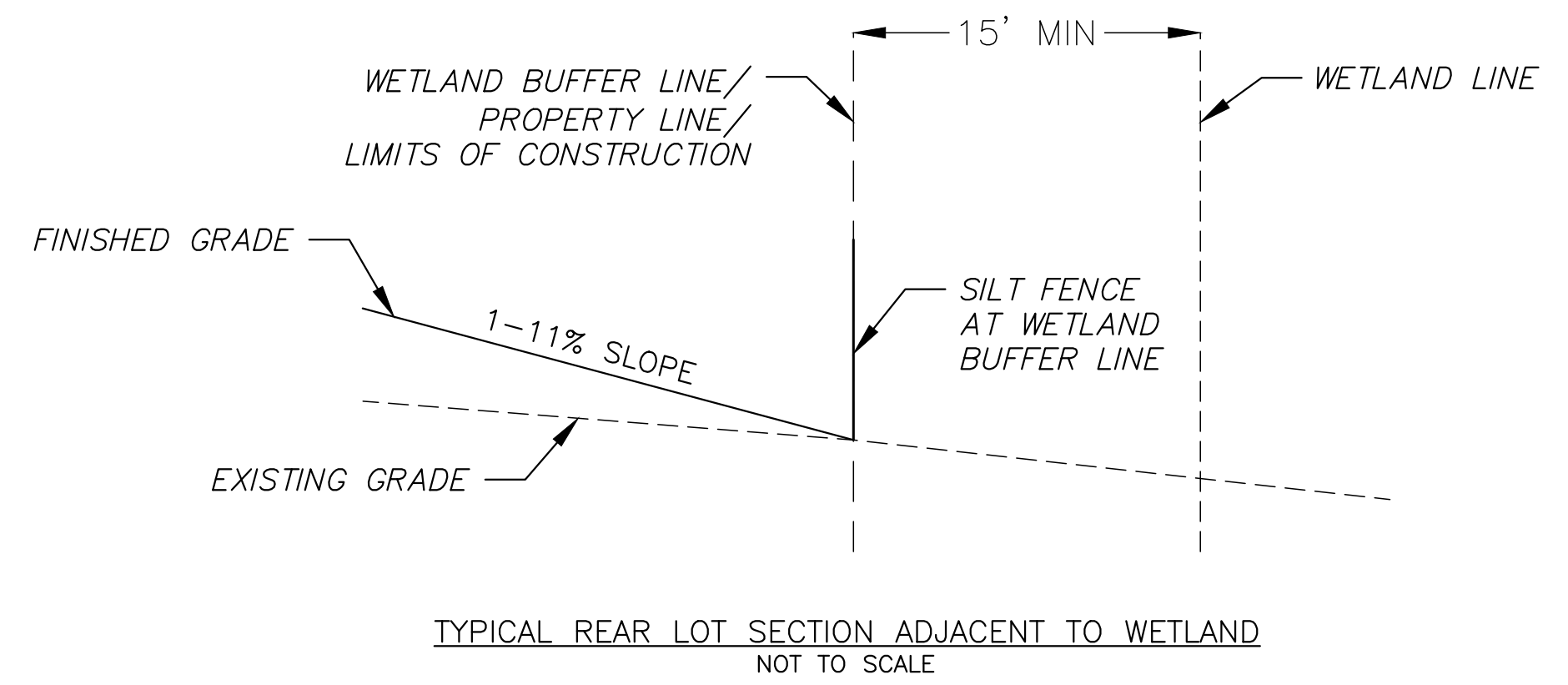
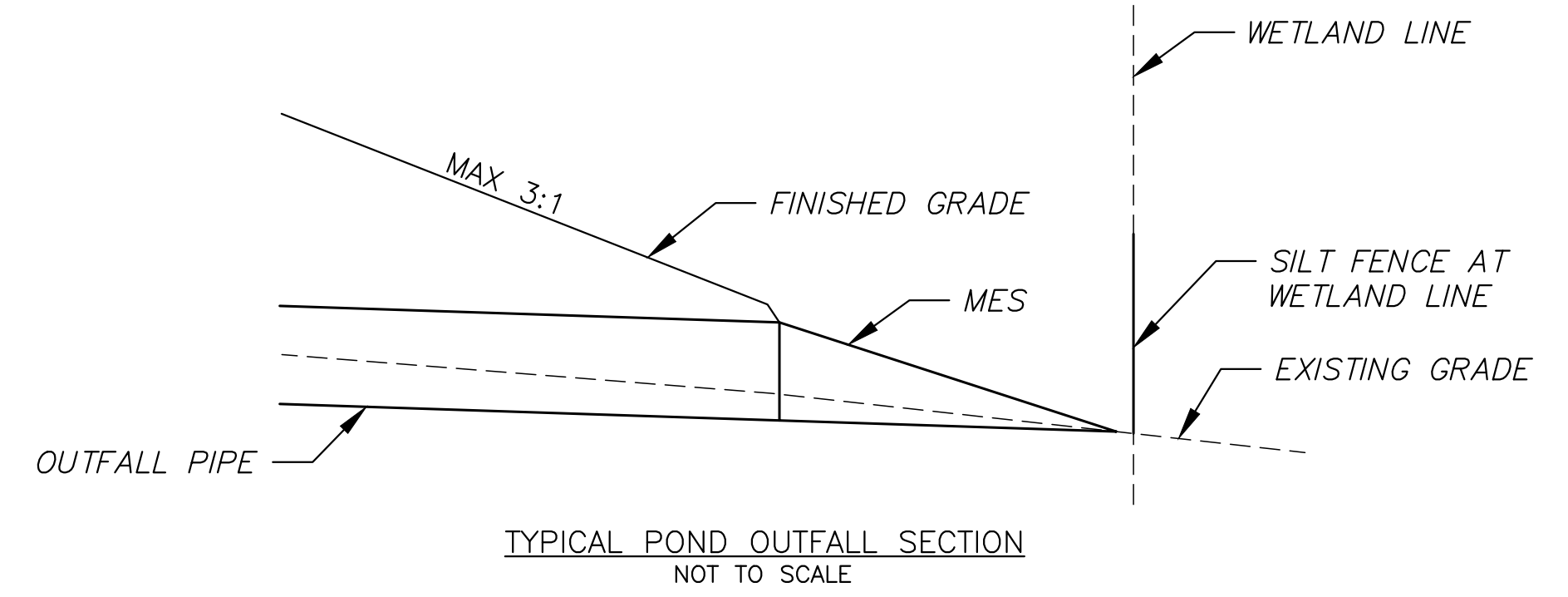
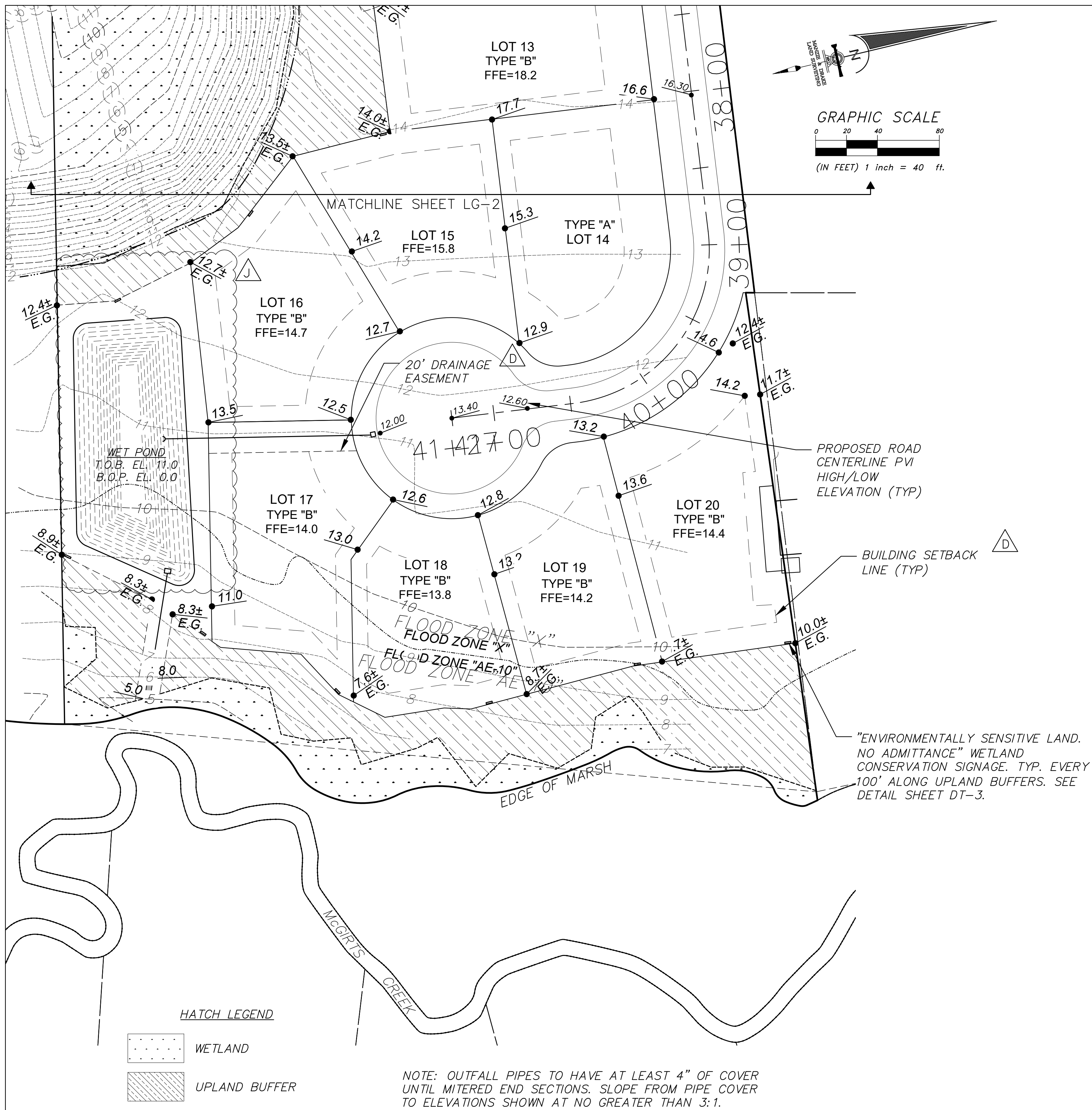
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 YULEE, FLORIDA

LOT GRADING PLAN

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McGIRT'S CREEK DEVELOPMENT
YULEE, FLORIDA

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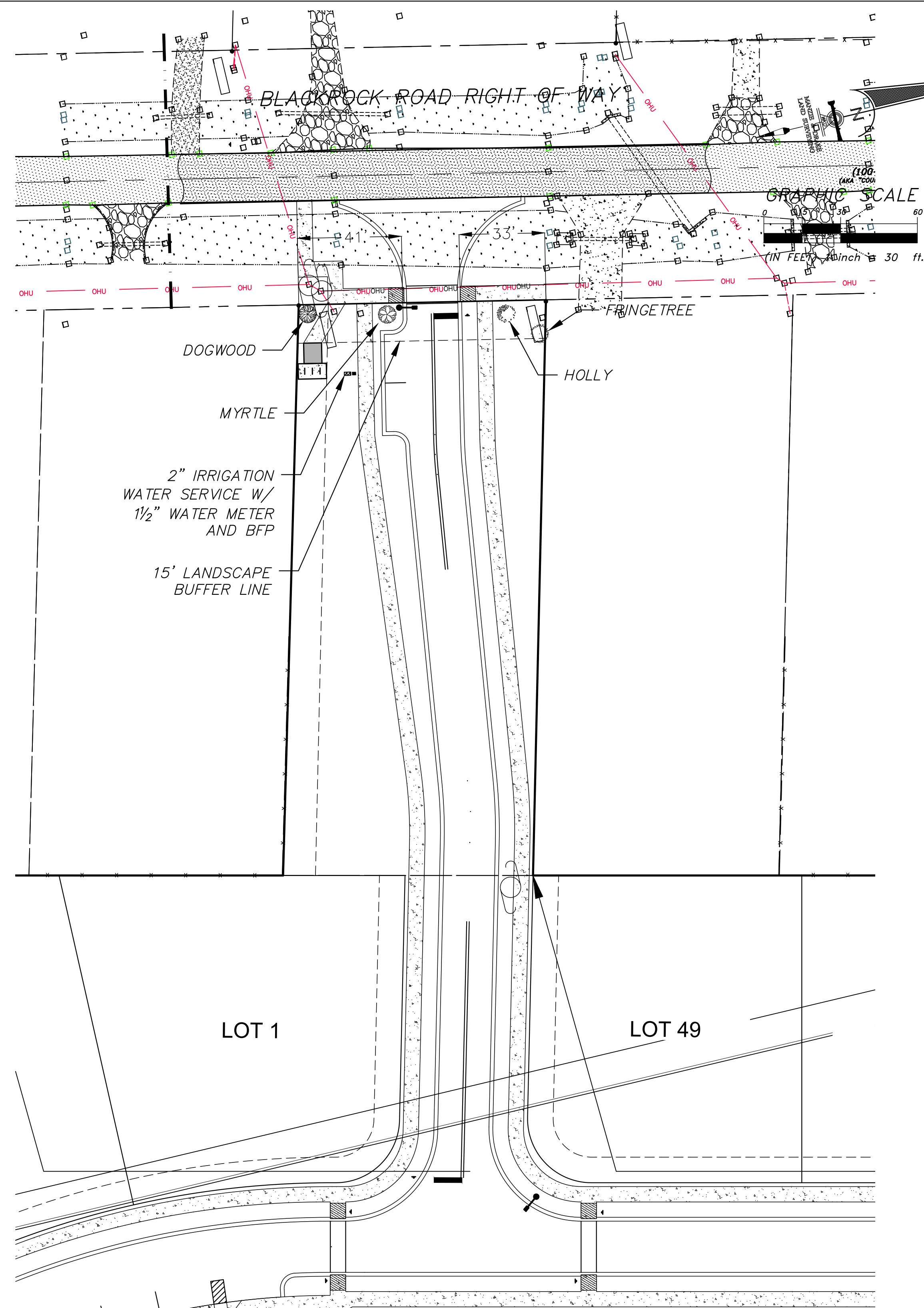
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Date: 08/23/23

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LANDSCAPING NOTES

BUFFER REQUIREMENTS
 BLACKROCK ROAD: 15' PERIMETER LANDSCAPE STRIP
 FRONTAGE LENGTH: 74 FT
REQUIRED PLANTINGS:
 - 3 CANOPY TREES PER 100 FT OF FRONTAGE = 2 CANOPY TREES
 - 3 UNDERSTORY TREES PER 100 FT OF FRONTAGE = 2 UNDERSTORY TREES
PROPOSED PLANTINGS: 4 UNDERSTORY TREES IN LIEU OF CANOPY TREES DUE TO OVERHEAD UTILITIES

PLANT MATERIAL
 NASSAU COUNTY LAND DEVELOPMENT CODE SECTION 37.05 (B):
 ALL INSTALLED TREES, SHRUBS AND GROUNDCOVERS SHALL CONFORM TO THE STANDARDS FOR FLORIDA GRADE #1 OR BETTER ACCORDING TO THE CURRENT EDITION OF "GRADES AND STANDARDS FOR NURSERY PLANTS" PUBLISHED BY THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, DIVISION OF PLANT INDUSTRY. SYNTHETIC OR ARTIFICIAL TREES, SHRUBS, GROUNDCOVERS OR VINES ARE NOT ACCEPTABLE SUBSTITUTES. IN CHOOSING PLANT MATERIALS, CONSIDERATION SHOULD BE GIVEN TO THE AMOUNT OF SUN OR SHADE, THE WETNESS OR DRYNESS OF THE SOIL, THE EFFECTS OF SALT SPRAY (WHERE APPLICABLE), THE AMOUNT OF IRRIGATION REQUIRED AND THE MATURE SIZE AND SPATIAL NEEDS OF THE PLANTS CHOSEN.

MAINTENANCE REQUIREMENTS
 BLACKROCK COVE HOA IS RESPONSIBLE FOR THE MAINTENANCE OF ALL LANDSCAPE AREAS REQUIRED BY SECTION 37.05 (J) OF THE NASSAU COUNTY LAND DEVELOPMENT CODE. MAINTENANCE INCLUDES IRRIGATING, TRIMMING, FERTILIZING AND CARRYING OUT THOSE ACTIVITIES NECESSARY TO KEEP THE PLANT MATERIAL IN A HEALTHY AND GROWING CONDITION, MAINTAIN VISUAL CLEARANCE AND ALLOW PASSAGE OF VEHICLES AND PEDESTRIANS ON PUBLIC ROADS AND NON-EXCLUSIVE EASEMENTS.

RESIDENTIAL LOTS
 EACH SINGLE-FAMILY LOT MUST PROVIDE AT LEAST ONE (1) TREE PER THREE THOUSAND (3,000) SQUARE FEET OF LOT AREA FOR THE FIRST QUARTER ACRE OF LOT AREA. FOR LOTS EXCEEDING ONE-QUARTER (1/4) ACRE, ONE (1) TREE FOR EVERY ADDITIONAL ONE-QUARTER (1/4) ACRE, OR MAJOR FRACTION THEREOF, MUST BE PRESERVED OR PLANTED. EXISTING CANOPY TREES, SABAL PALMS AND PINE TREES MAY BE USED TO SATISFY THIS REQUIREMENT, IN WHOLE OR IN PART, PROVIDED THAT THEY HAVE A MINIMUM CALIPER OF FOUR (4) INCHES DBH. WHEN TREES ARE PLANTED TO MEET THIS MINIMUM REQUIREMENTS THEY MUST BE MORE THAN ONE SPECIES OF TREE LISTED IN TABLES 37-01 OR 37-02 WITHIN LDC 37.05 AND MEET THE MATERIALS STANDARDS OF LDC 37.05.

PLANT SCHEDULE			
SYMBOL	QUANTITY	SPECIES	SIZE/REMARKS
○	1	CHIONANTHUS VIRGINICUS WHITE FRINGETREE	3" CAL MIN.
●	1	CORNUS FLORIDA FLOWERING DOGWOOD	3" CAL MIN.
⊗	1	LAGERSTROEMIA FAURIEL 'NATCHEZ' JAPANESE CRAPE MYRTLE	3" CAL MIN.
⊙	1	ILEX x ATTENUATA 'EAST PALATKA' HOLLY	3" CAL MIN.

LOT TREE TABLE			
LOT #	AREA (SF)	AREA (AC)	# OF TREES
1	14,535	0.33	4
2	14,354	0.33	4
3	12,212	0.28	4
4	12,212	0.28	4
5	12,212	0.28	4
6	13,910	0.32	4
7	11,670	0.27	3
8	14,451	0.33	4
9	12,740	0.29	4
10	12,858	0.30	4
11	14,641	0.34	4
12	14,549	0.33	4
13	15,469	0.36	4
14	15,839	0.36	4
15	13,271	0.30	4
16	20,209	0.46	4
17	15,151	0.35	4
18	12,024	0.28	4
19	12,431	0.29	△ 4
20	16,304	0.37	4
21	13,807	0.32	4
22	11,248	0.26	3
23	11,398	0.26	3
24	12,199	0.28	4
25	13,283	0.30	4
26	11,848	0.27	3
27	11,547	0.27	3
28	11,509	0.26	3
29	10,800	0.25	3
30	10,800	0.25	3
31	15,176	0.35	4
32	14,280	0.33	4
33	10,826	0.25	3
34	15,856	0.36	4
35	11,285	0.26	3
36	12,072	0.28	4
37	17,616	0.40	4
38	16,205	0.37	4
39	14,428	0.33	4
40	12,656	0.29	4
41	13,521	0.31	4
42	11,933	0.27	3
43	10,860	0.25	3
44	11,542	0.26	3
45	22,164	0.51	4
46	11,649	0.27	3
47	10,800	0.25	3
48	10,800	0.25	3
49	12,624	0.29	4

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LANDSCAPE PLAN

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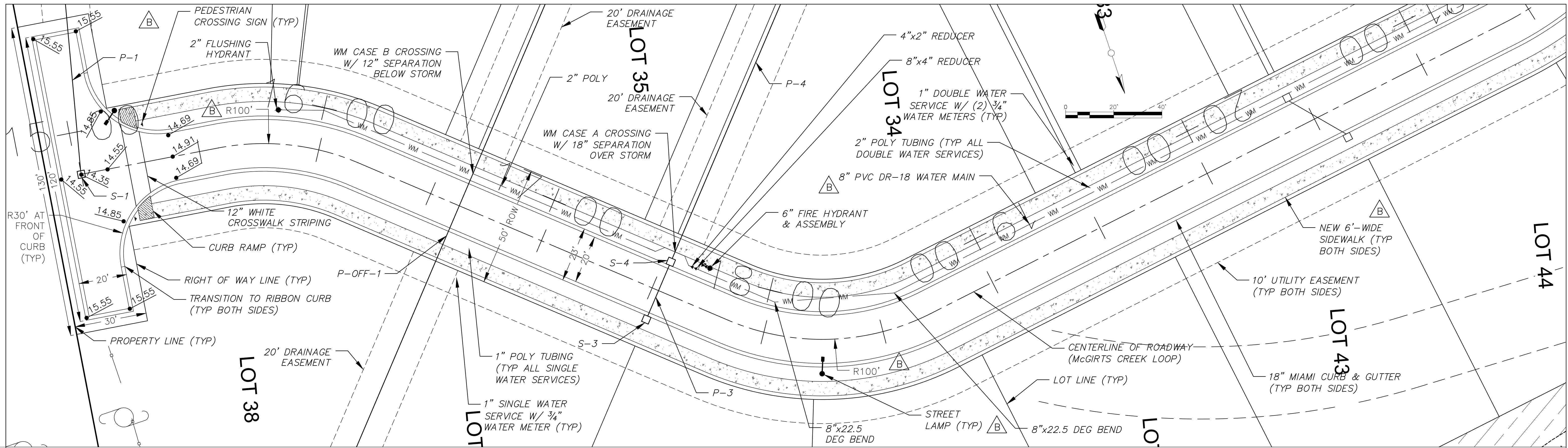


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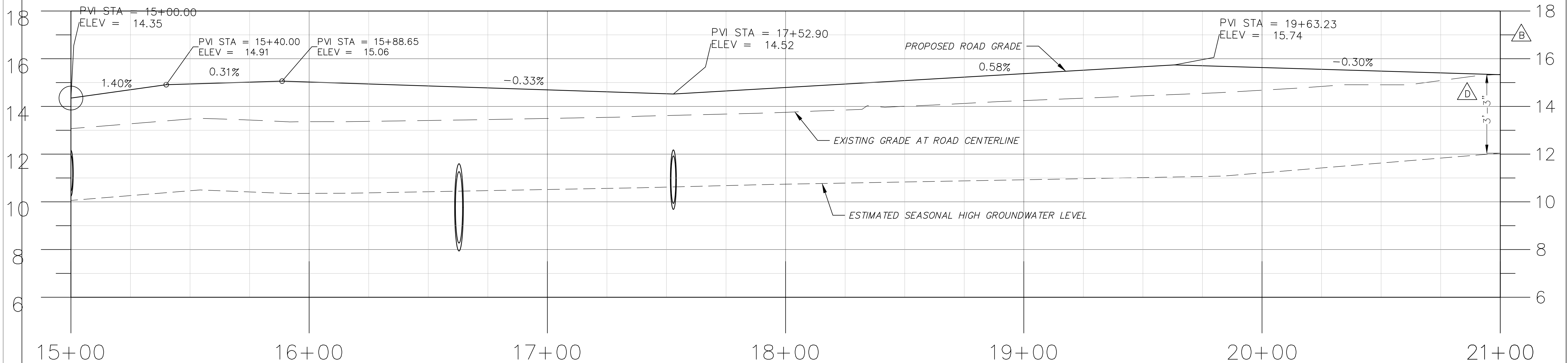
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NOTE: SEWER TO BE TREATED WITH ONSITE SEPTIC SYSTEMS. SEE SHEET GE-1 FOR LOCATIONS. C



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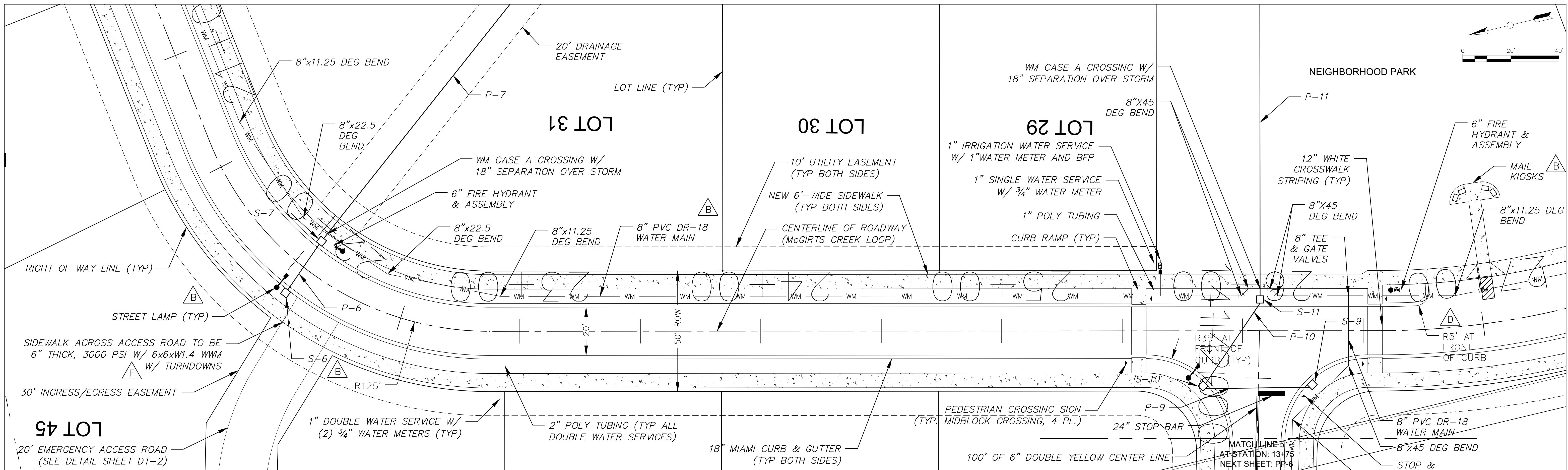
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McGIRTS CREEK LOOP PLAN AND PROFILE

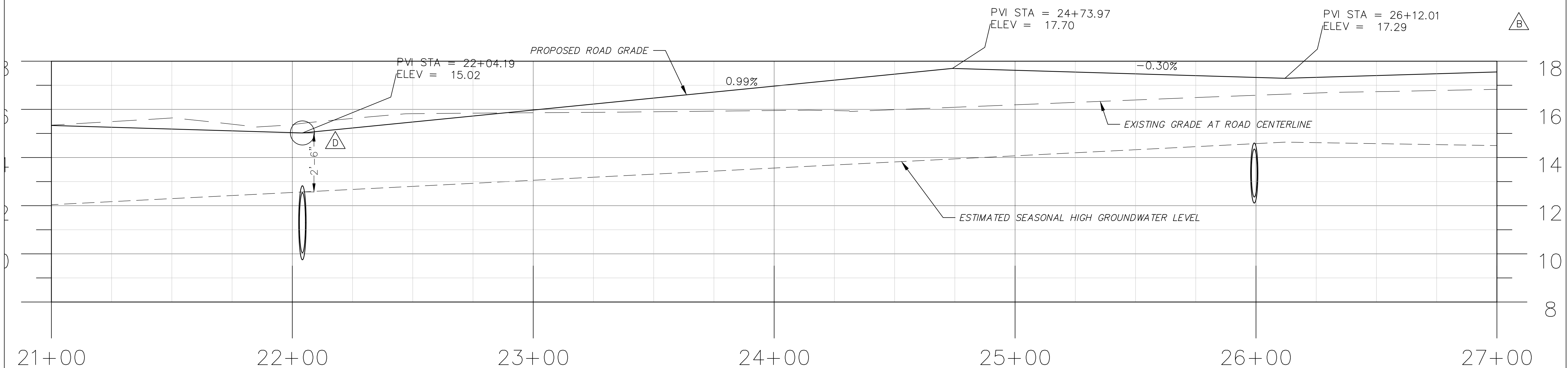
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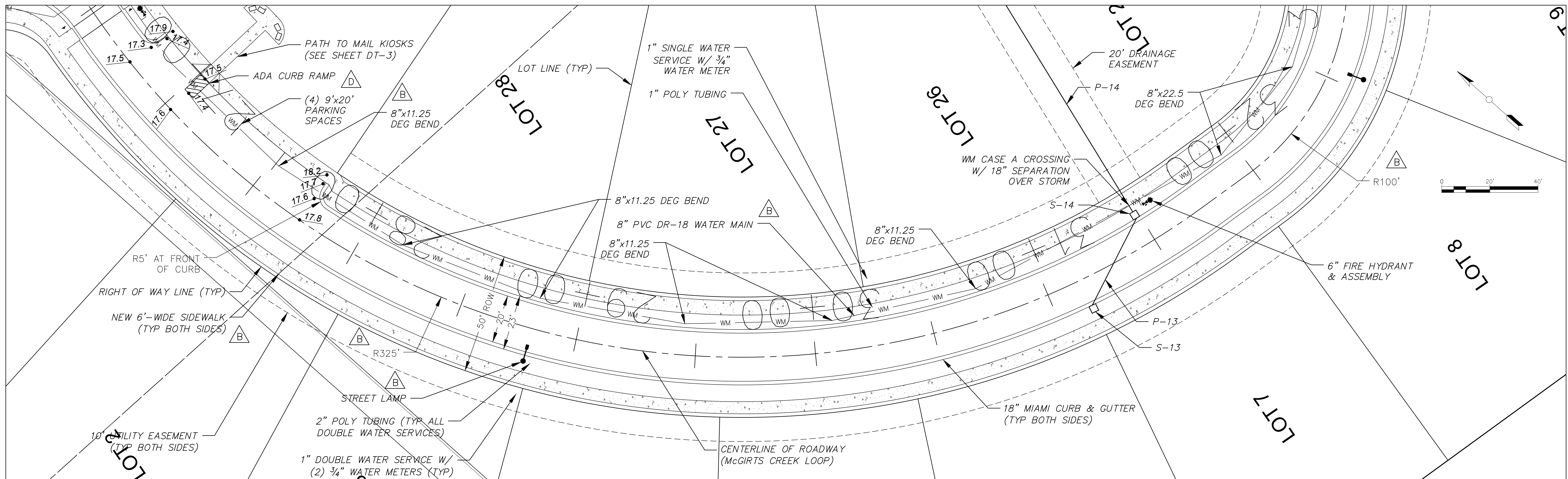
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McGIRTS CREEK LOOP
 PLAN AND PROFILE

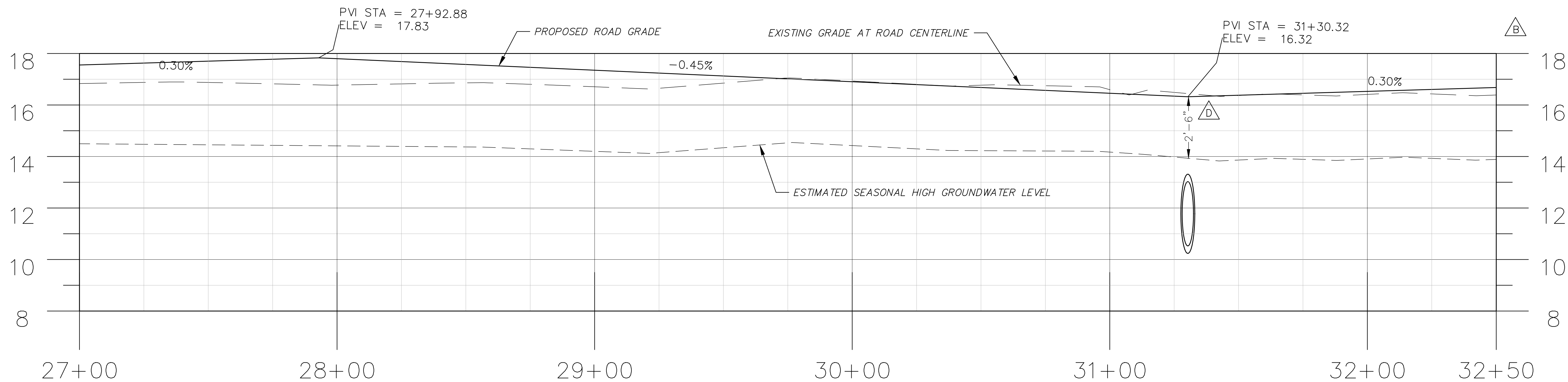
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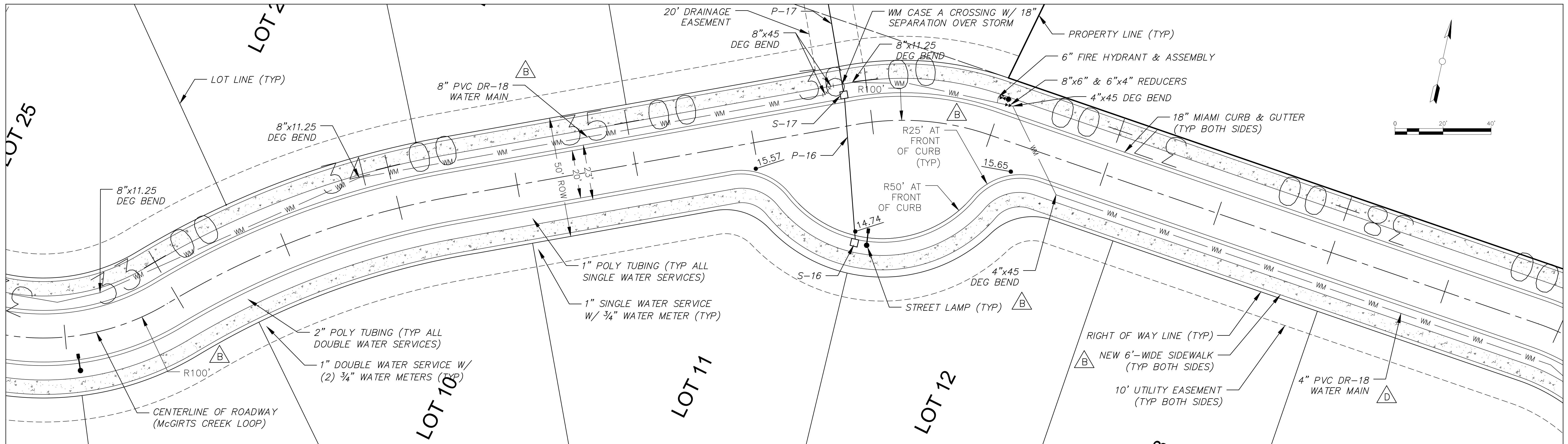
McGIRTS CREEK DEVELOPMENT
YULEE, FLORIDA

McGIRTS CREEK LOOP
PLAN AND PROFILE

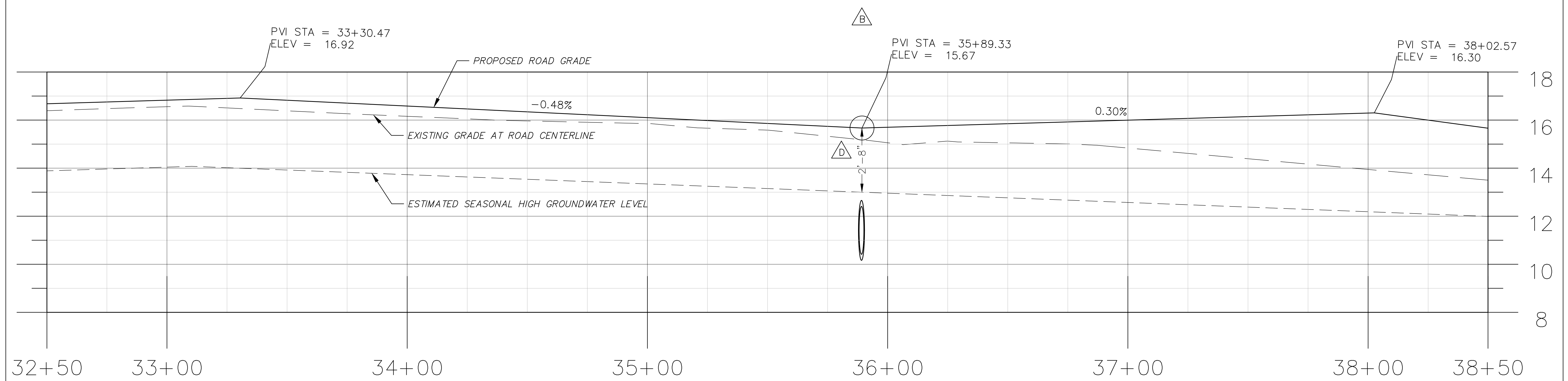
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NOTE: SEWER TO BE TREATED WITH ONSITE SEPTIC SYSTEMS. SEE SHEET GE-1 FOR LOCATIONS.



Rev.	By	Date	Revision
L			
K			
J	EC	8/23/23	REVISED POND 2
H	EC	3/06/23	REVISED ENTRANCE CULVERT INVERTS
G	EC	2/23/23	REVISED PER JEA COMMENTS
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Scale: 1" = 20'
 Project Mgr: AG
 Designed by: NG
 Drawn by: EC
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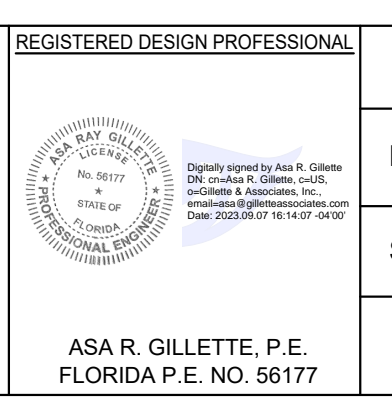
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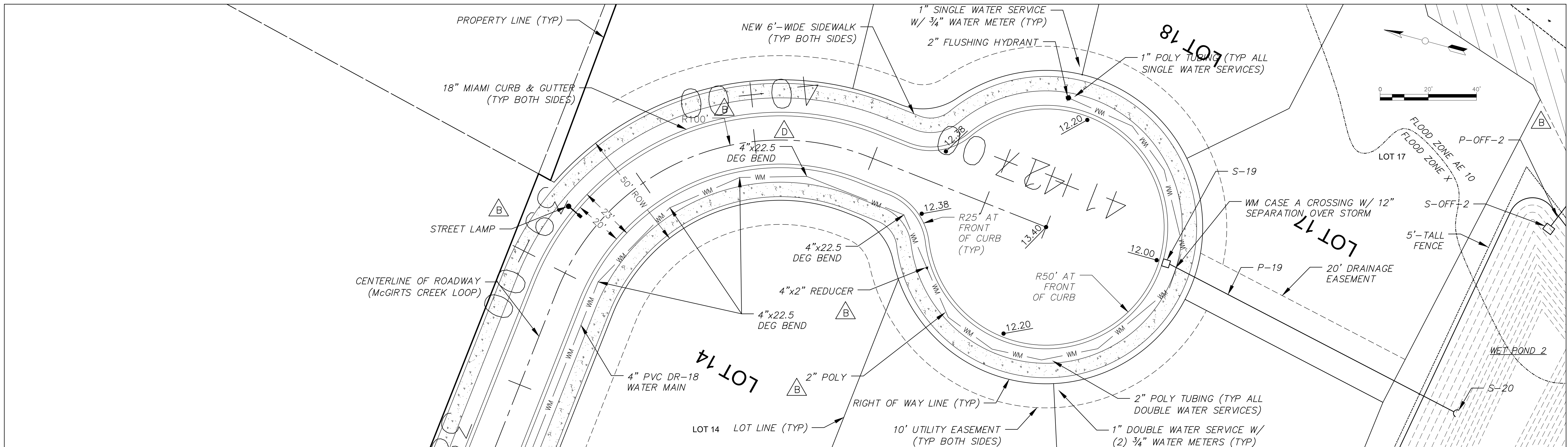
McGIRTS CREEK DEVELOPMENT
 YULEE, FLORIDA

McGIRTS CREEK LOOP PLAN AND PROFILE

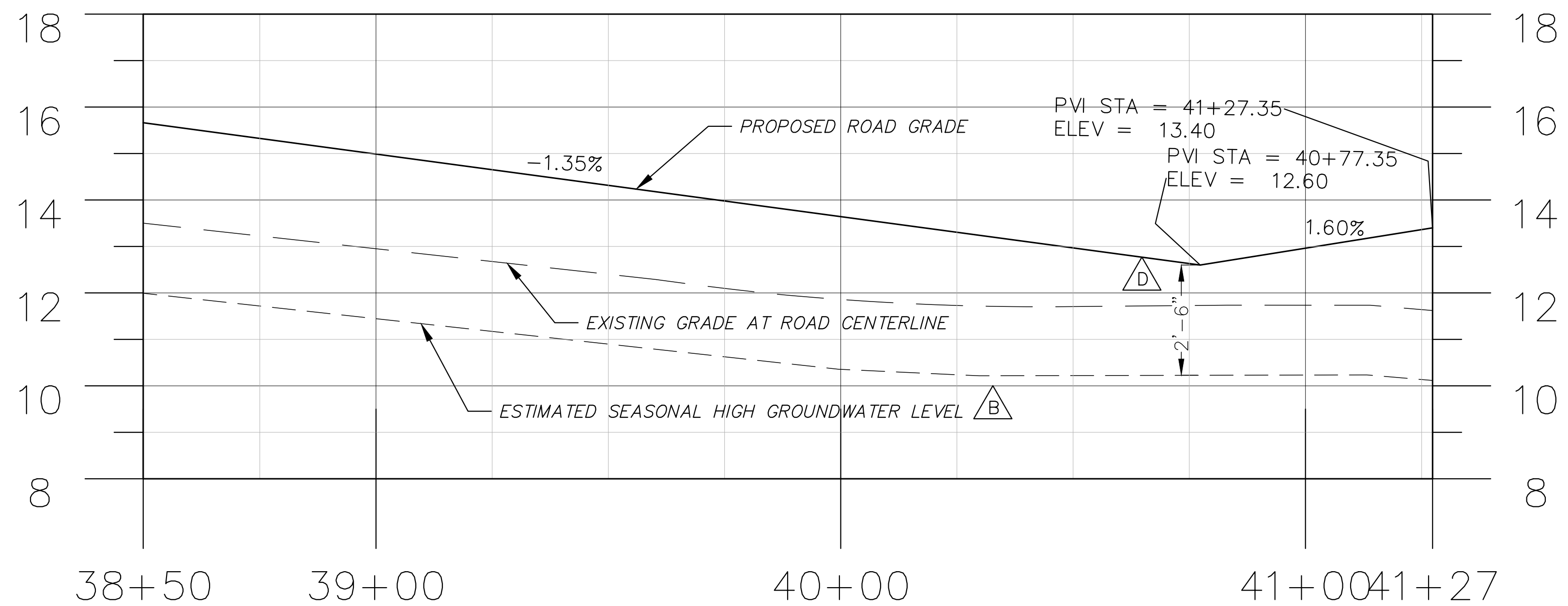
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 PHONE: (904) 261-8819

McGIRTS CREEK DEVELOPMENT
 YULEE, FLORIDA

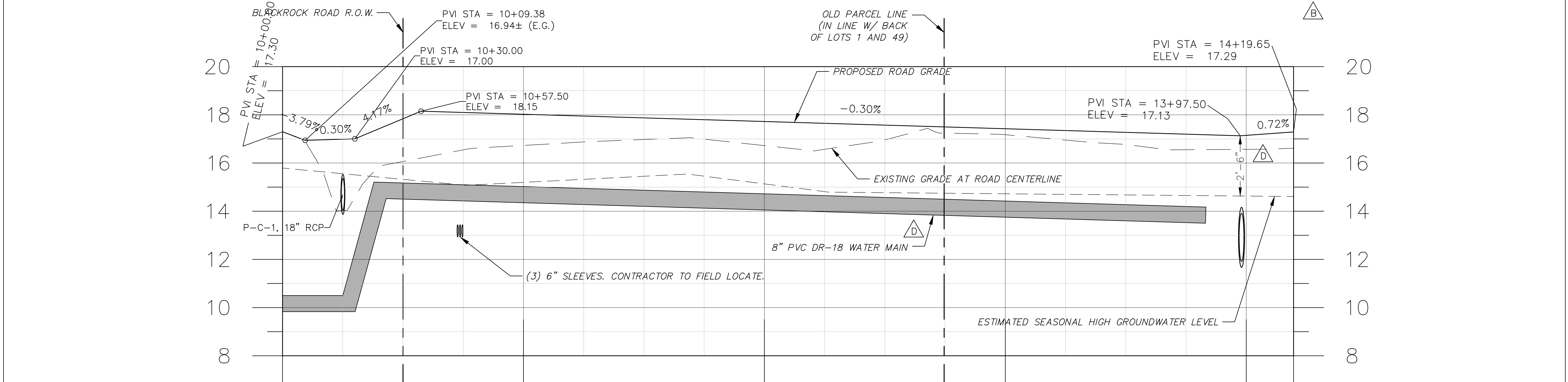
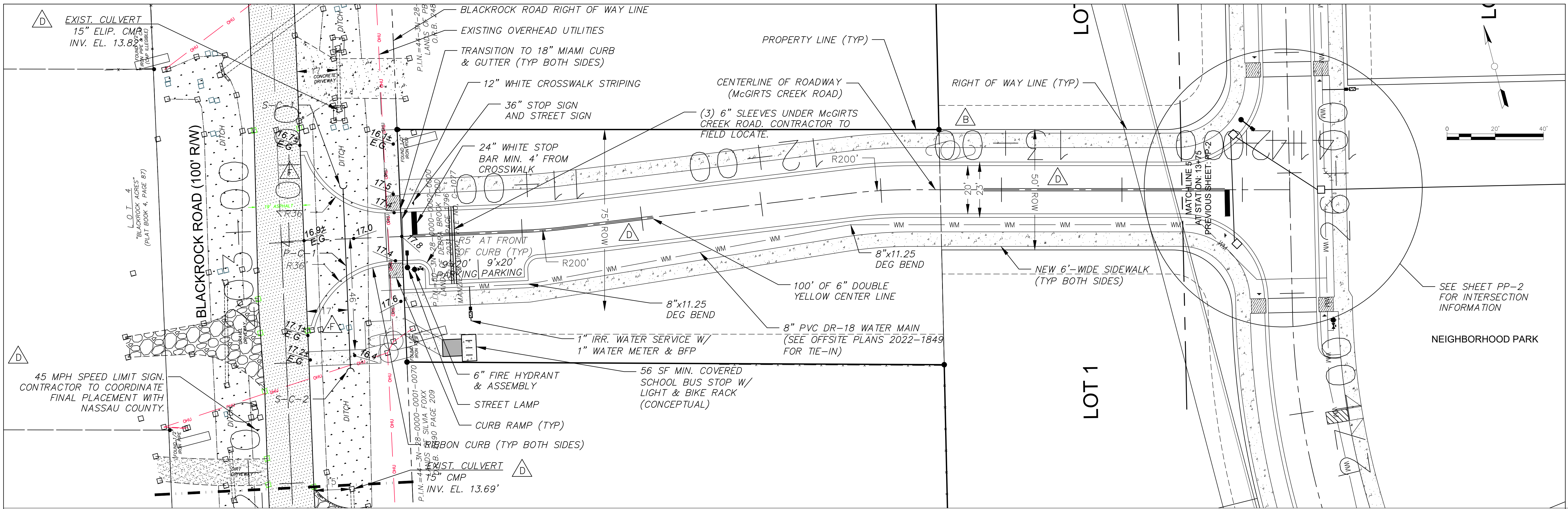
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Project Mgr: AG

Designed by: NG

Drawn by: EC

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McGIRTS CREEK DEVELOPMENT
YULEE, FLORIDA

McGIRTS CREEK ROAD PLAN AND PROFILE

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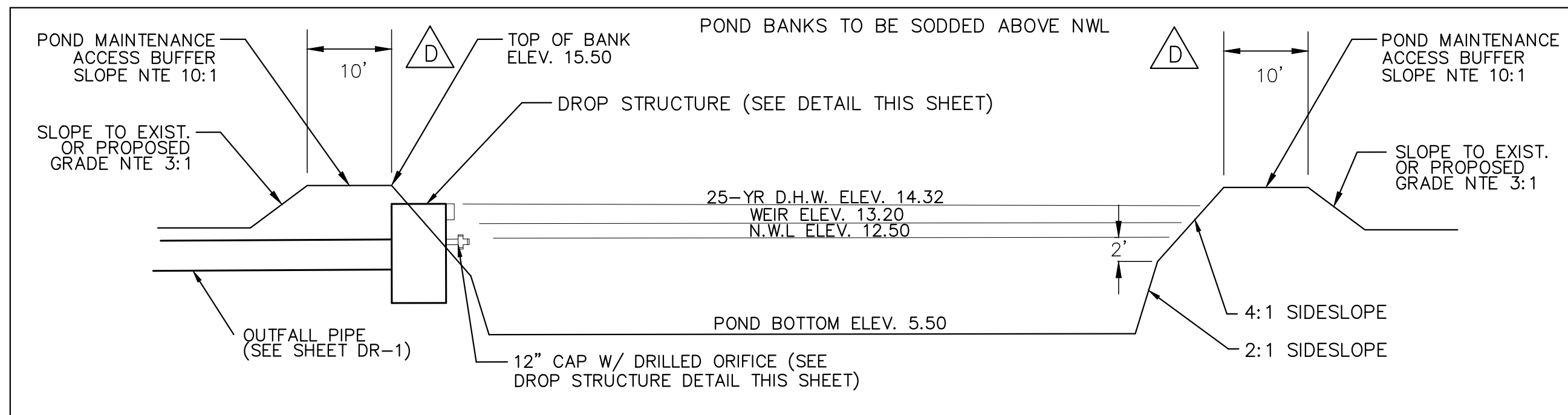
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Project No. 21-10-48

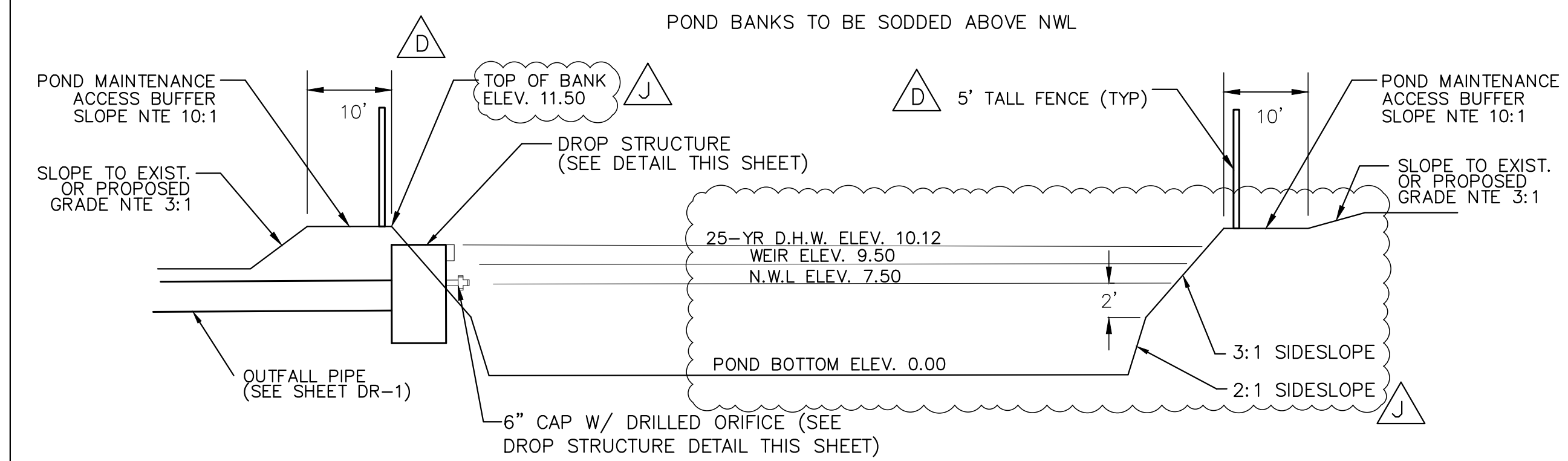
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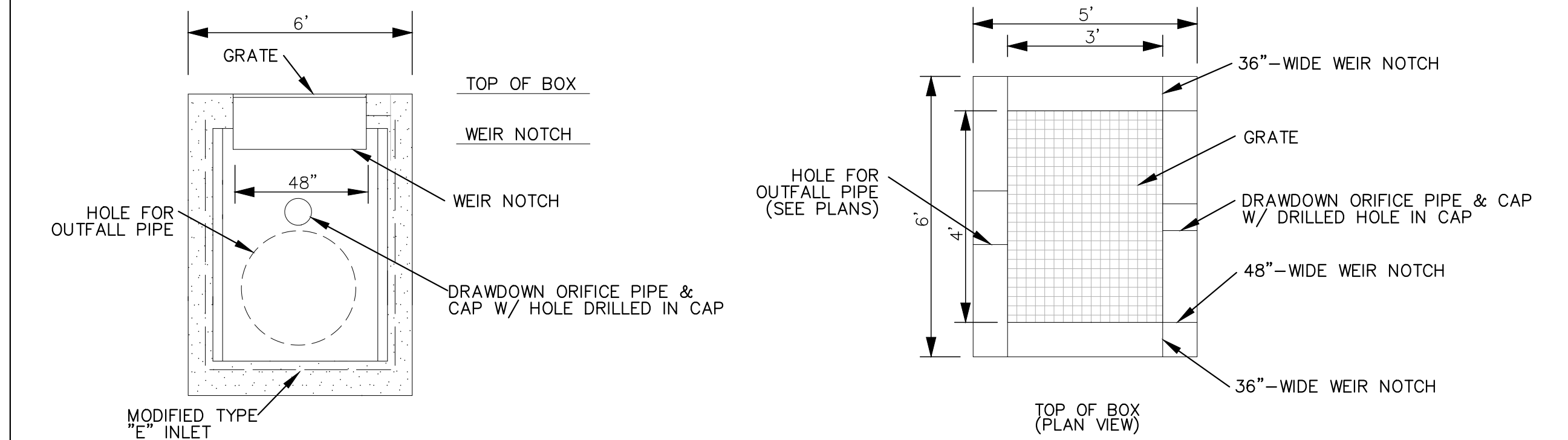
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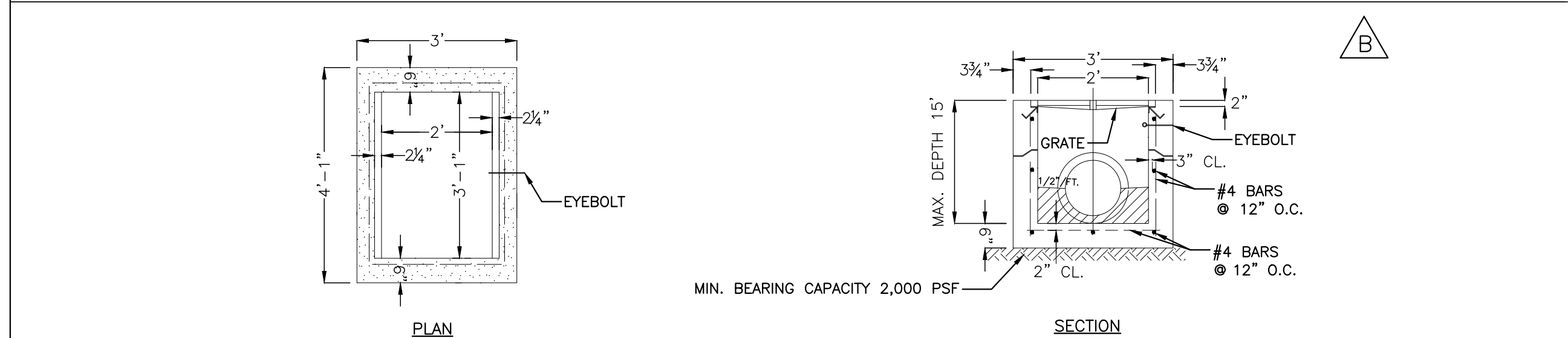
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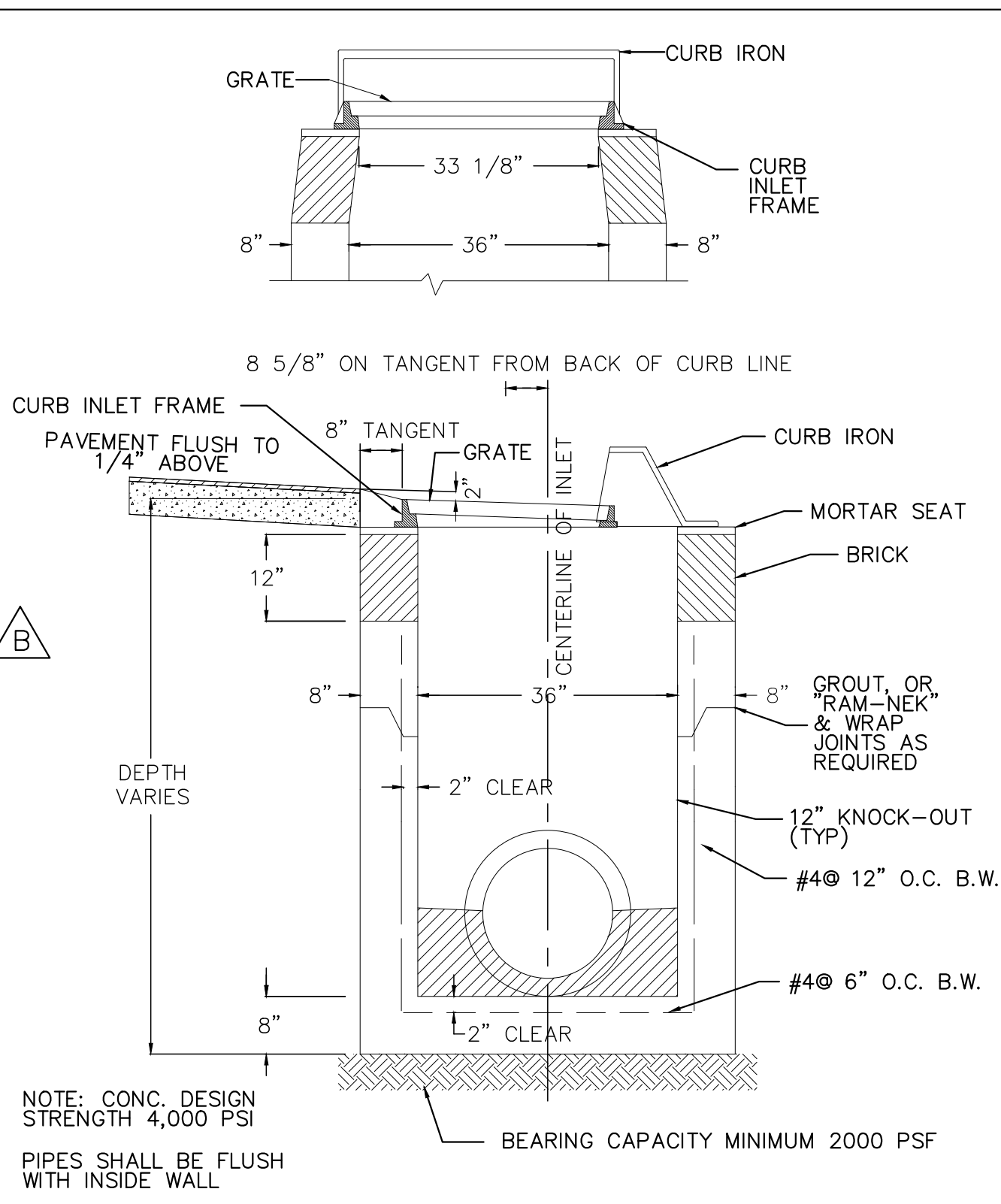
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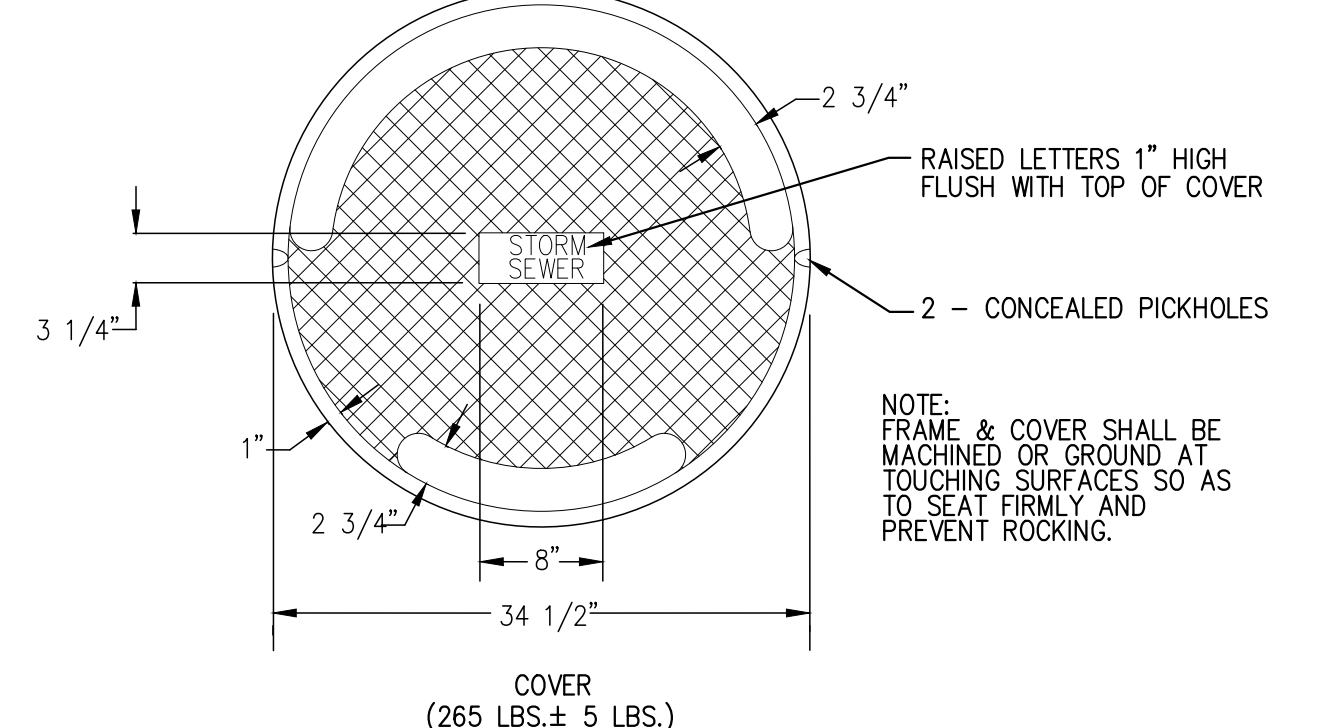
DROP STRUCTURE DETAIL



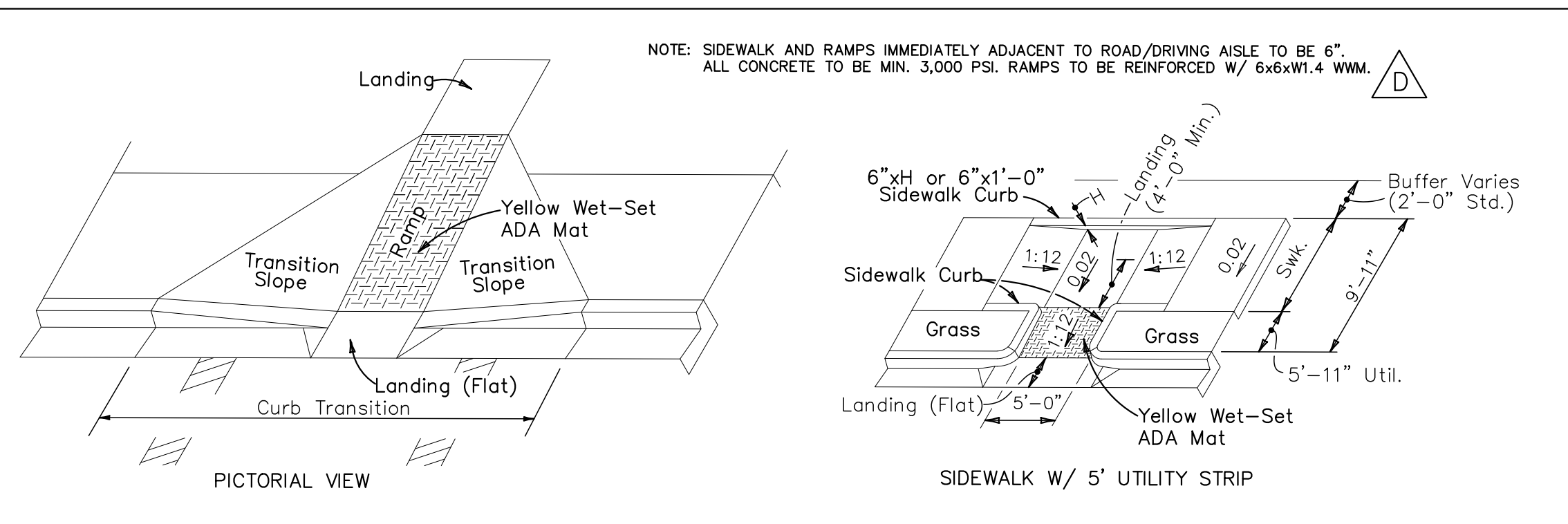
TYPE C INLET DETAILS



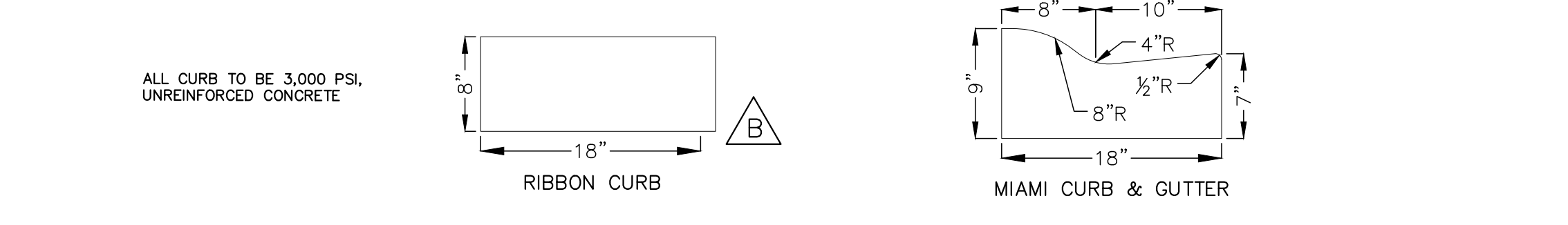
36" CURB INLET DETAIL



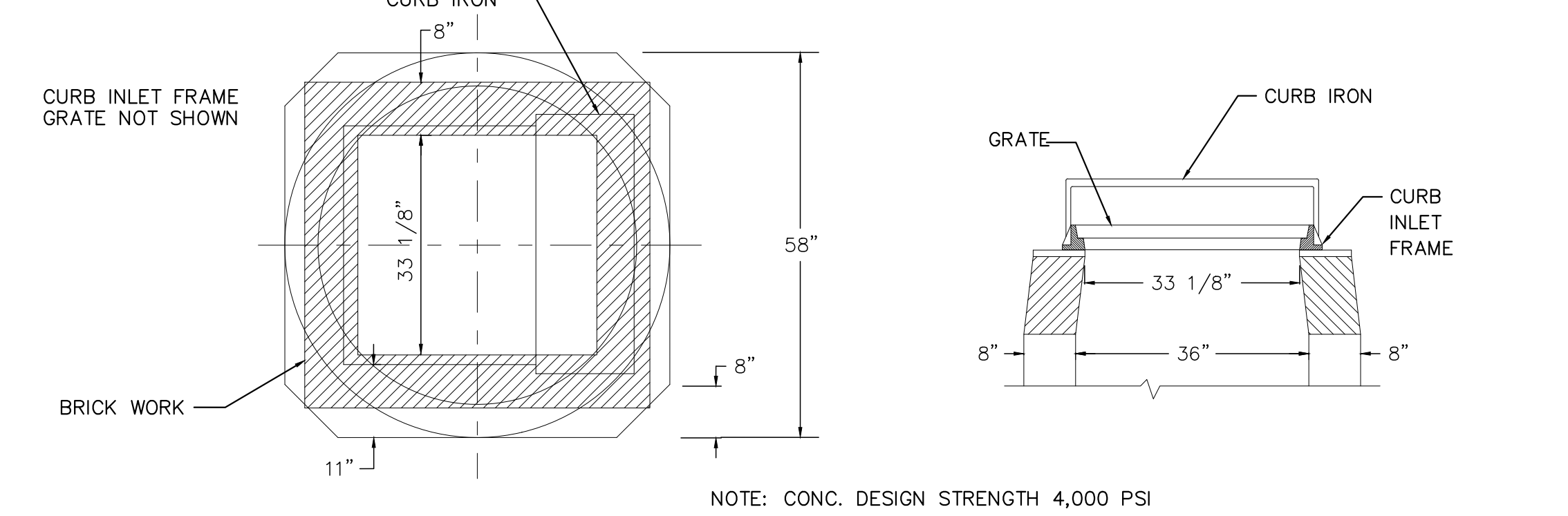
MANHOLE FRAME AND COVER



ADA CROSSWALK / CURB RAMP DETAIL



CURB ELEVATIONS



48" I.D. CURB INLET

Rev.	By	Date	Revision
L			
K			
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Project Mgr:	AG
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FERNANDINA BEACH, FL 32034
PHONE: (904) 261-8819

McGIRTS CREEK DEVELOPMENT
YULEE, FLORIDA

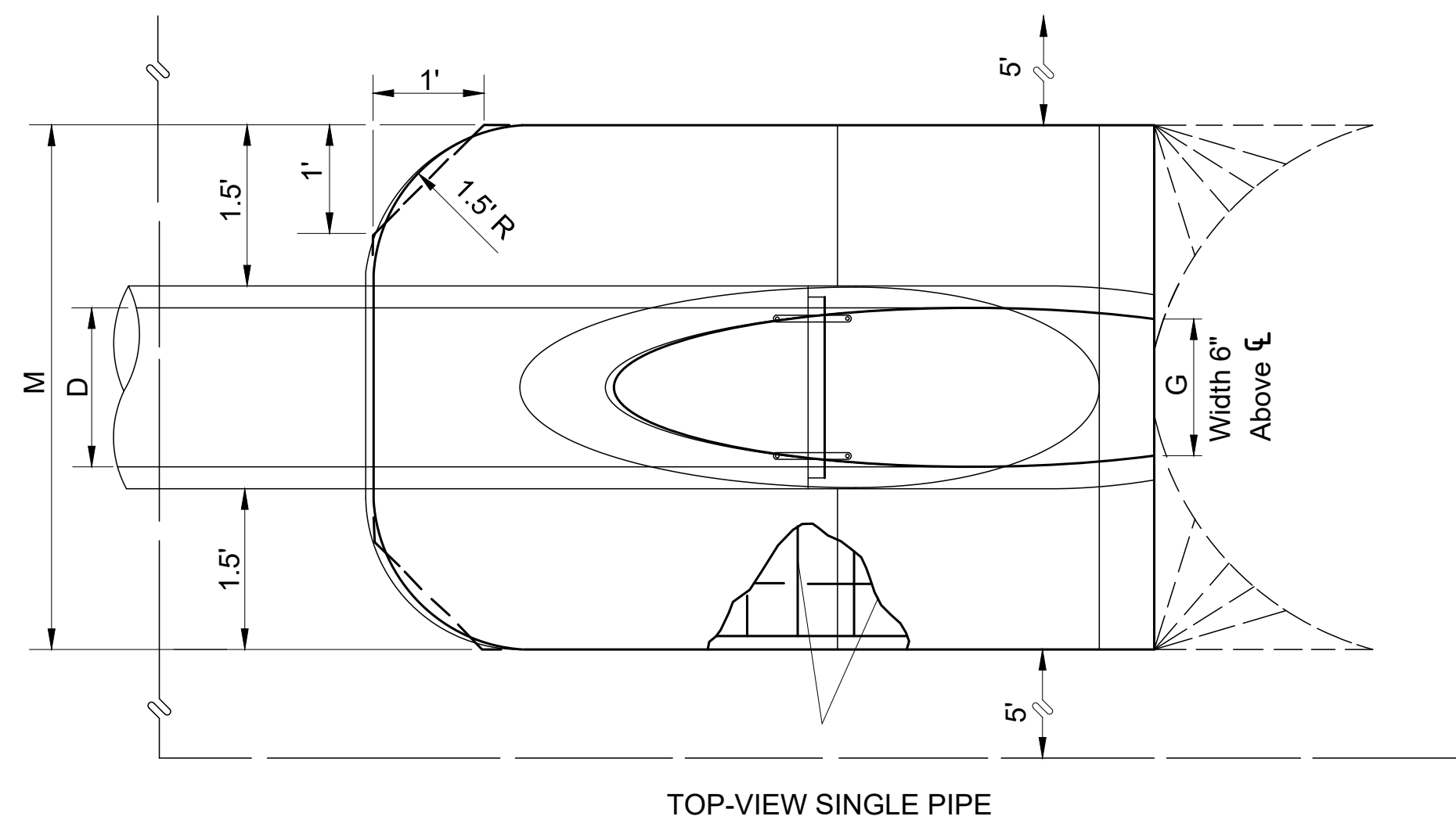
MISCELLANEOUS DETAILS

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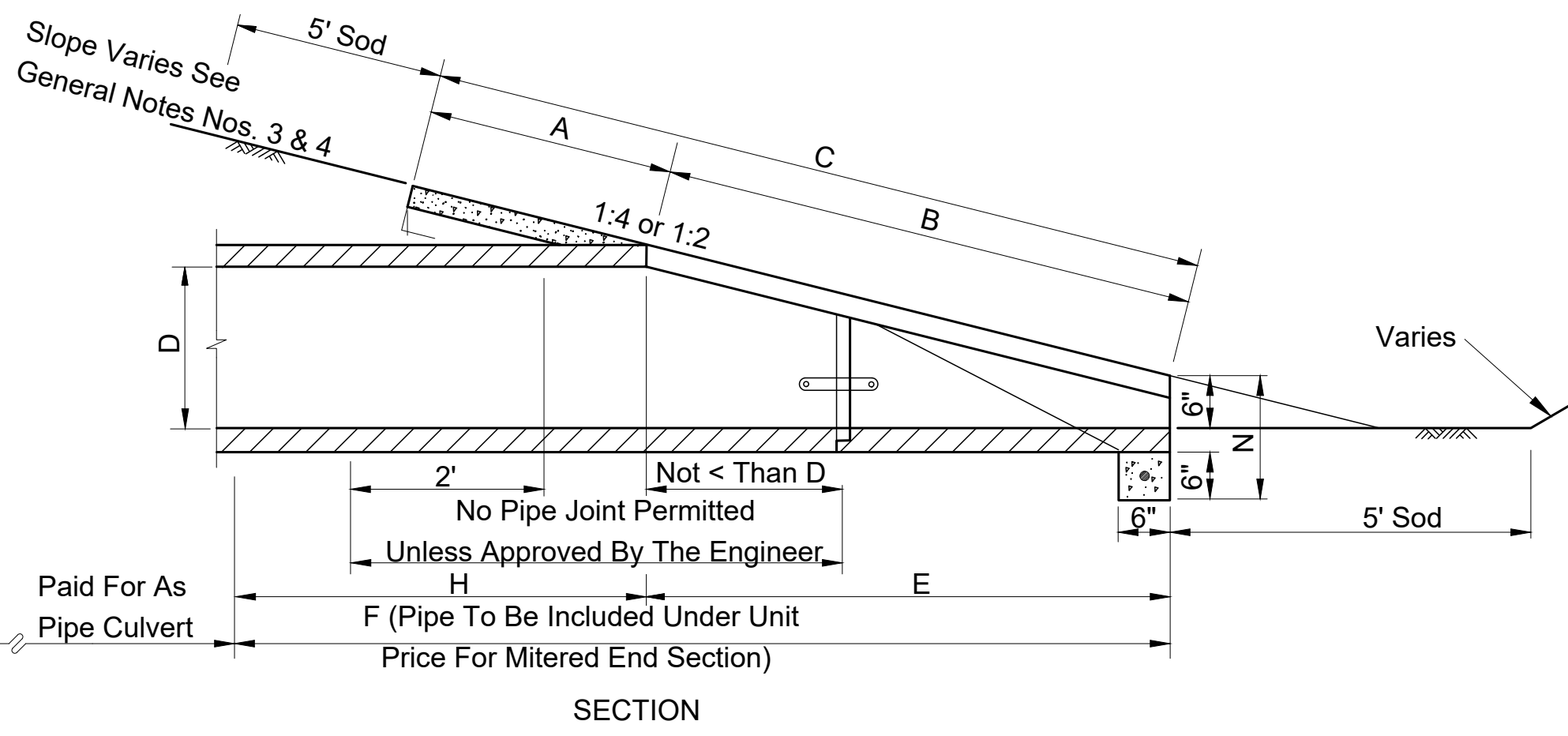
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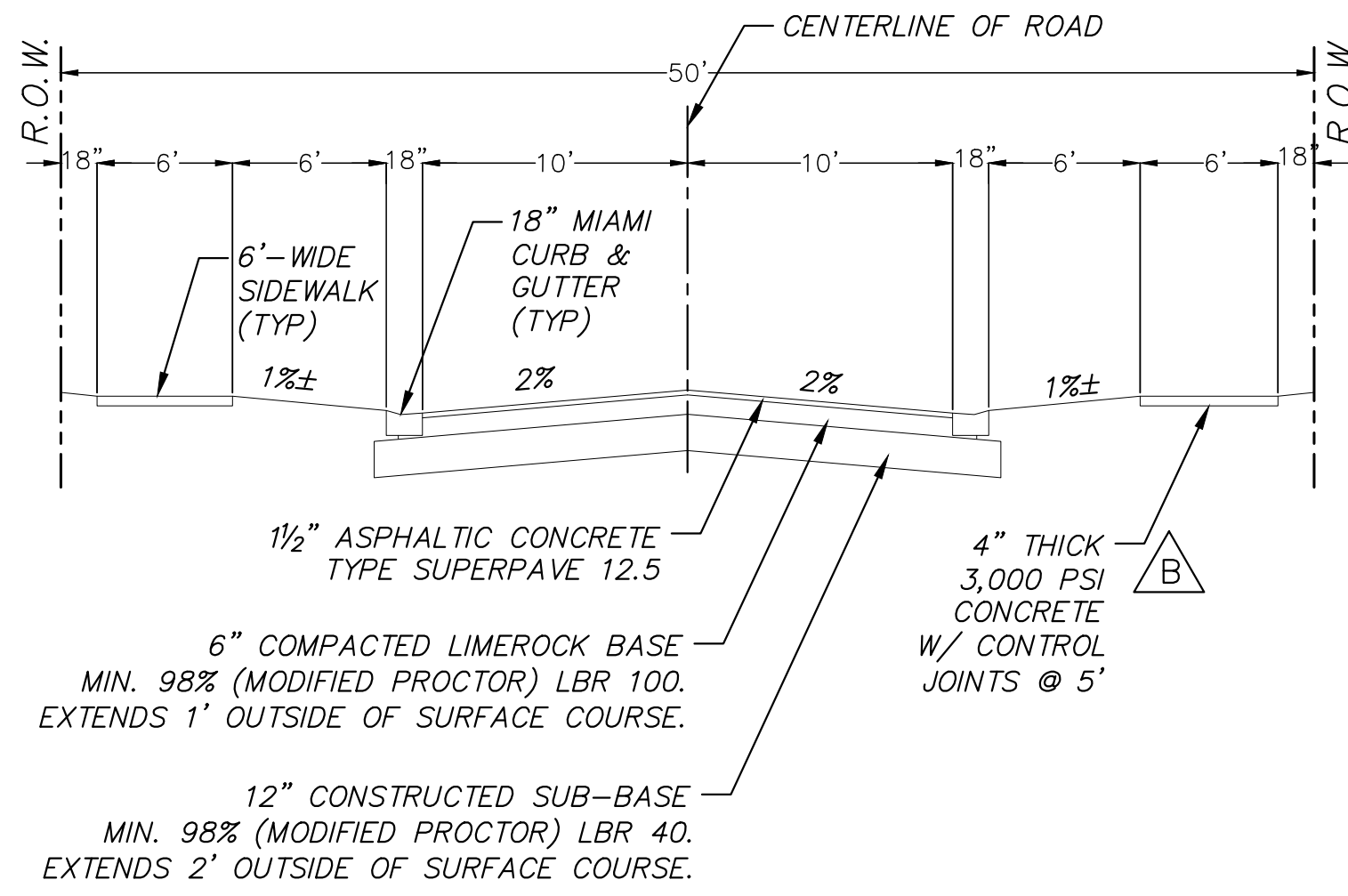
TOP-VIEW SINGLE PIPE



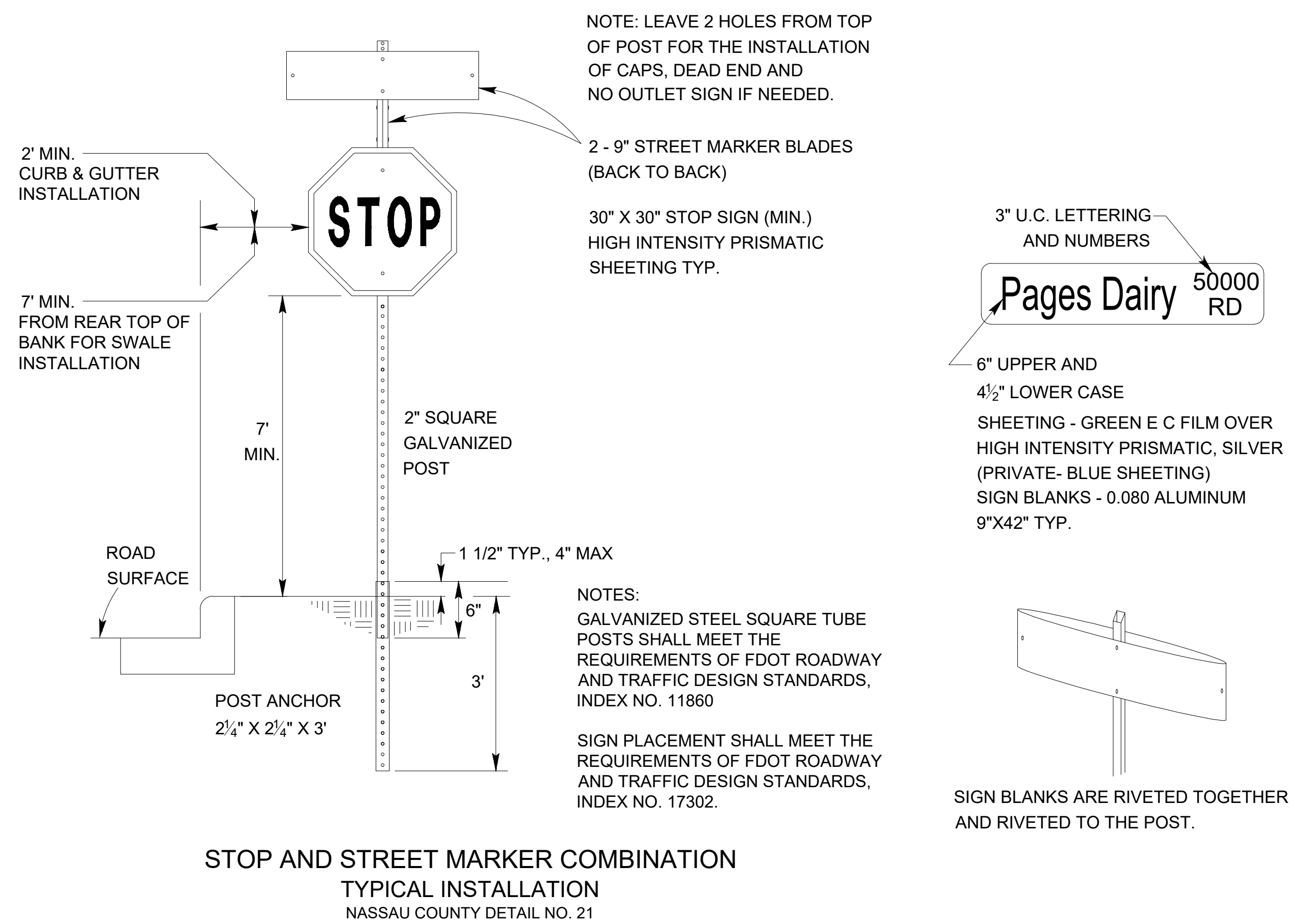
SECTION

DIMENSIONS AND QUANTITIES											
	D	X	A	B	C	E	F	G	H	M	N
1:2 Slope	15"	2'-7"	1.92'	2.18'	4.10'	2.06'	5'	1.22'	2.9'	4.63'	1.19'
	18"	2'-10"	1.97'	2.74'	4.71'	2.56'	6'	1.41'	3.4'	4.92'	1.21'
	24"	3'-5"	2.06'	3.85'	5.91'	3.56'	7'	1.73'	3.4'	5.50'	1.25'
	30"	4'-3"	2.15'	4.95'	7.10'	4.56'	8'	2.00'	3.4'	6.08'	1.29'
	36"	5'-1"	2.25'	6.08'	8.33'	5.56'	9'	2.24'	3.4'	6.67'	1.33'
	42"	6'-0"	2.34'	7.21'	9.55'	6.56'	10'	2.45'	3.4'	7.25'	1.38'
	48"	6'-9"	2.43'	8.33'	10.76'	7.56'	11'	2.65'	3.4'	7.83'	1.42'
	54"	7'-8"	2.52'	9.44'	11.96'	8.56'	12'	2.83'	3.4'	8.42'	1.46'
	60"	8'-6"	2.62'	10.56'	13.18'	9.56'	14'	3.00'	4.4'	9.00'	1.50'

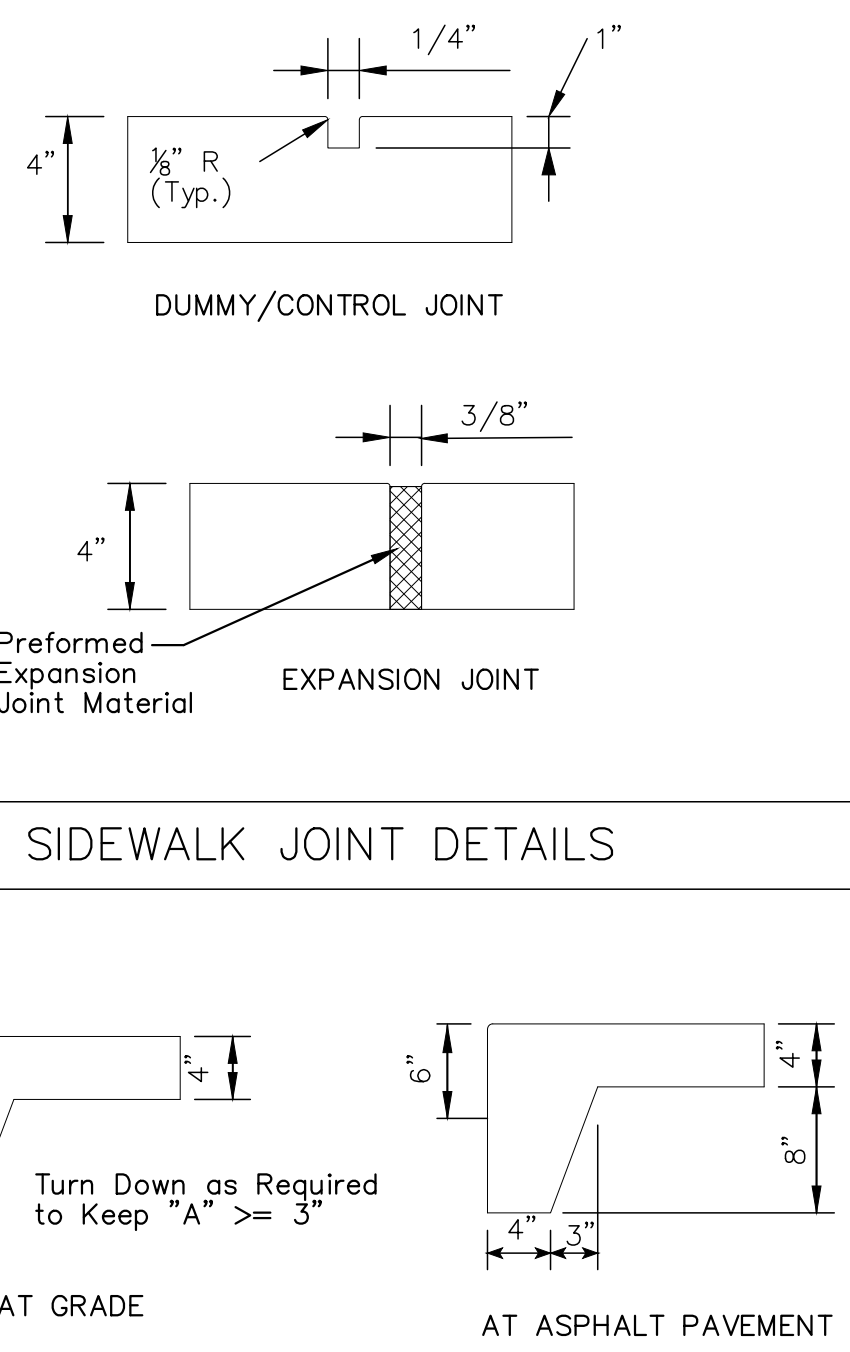
NOTE: FOR MULTIPLE BARRELS, PROVIDE 2' MIN. BETWEEN BARRELS. FILL BETWEEN BARRELS TO BE COMPACTED LIMEROCK.



TYPICAL ROADWAY DETAIL

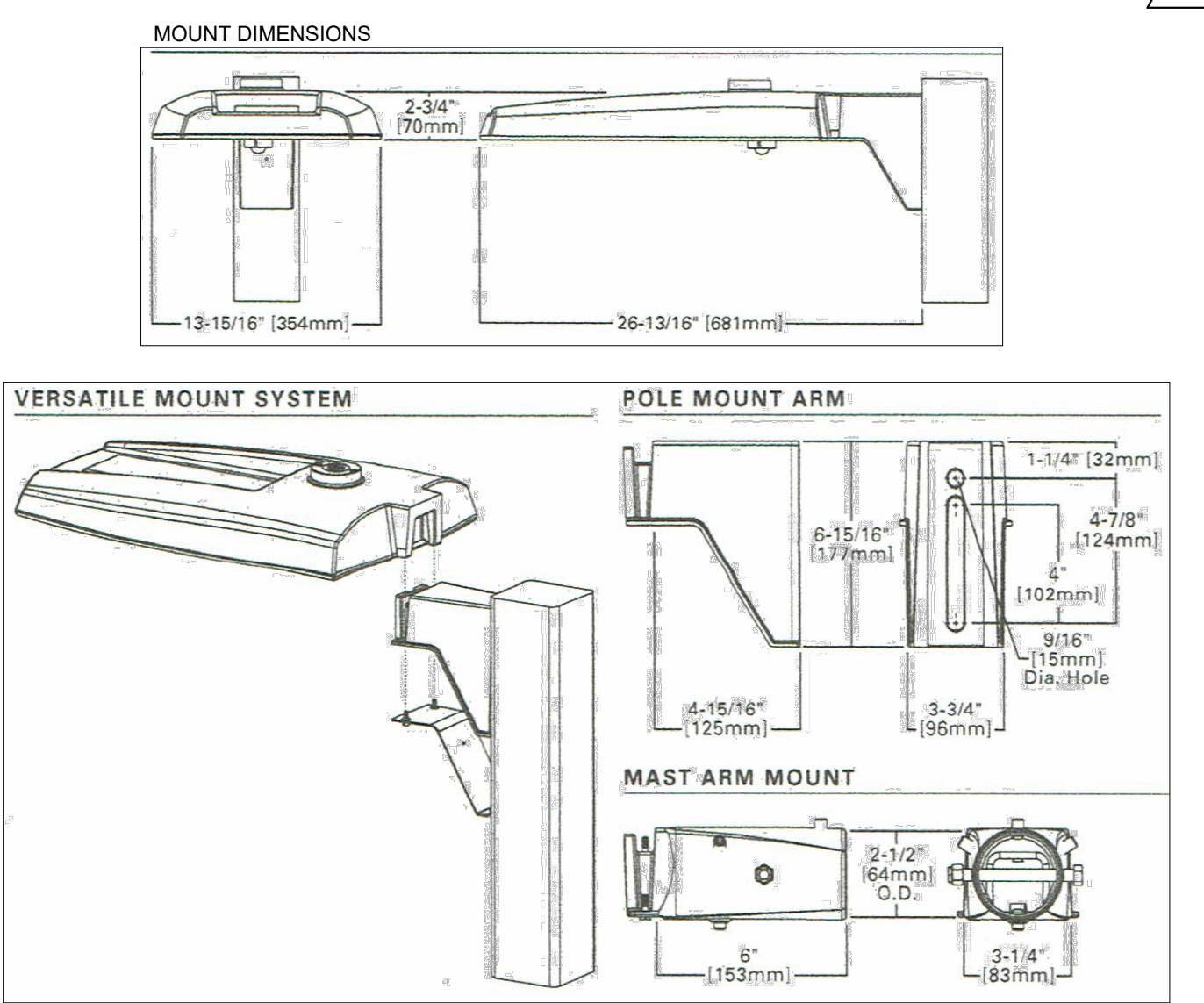


STOP AND STREET MARKER COMBINATION TYPICAL INSTALLATION NASSAU COUNTY DETAIL NO. 21

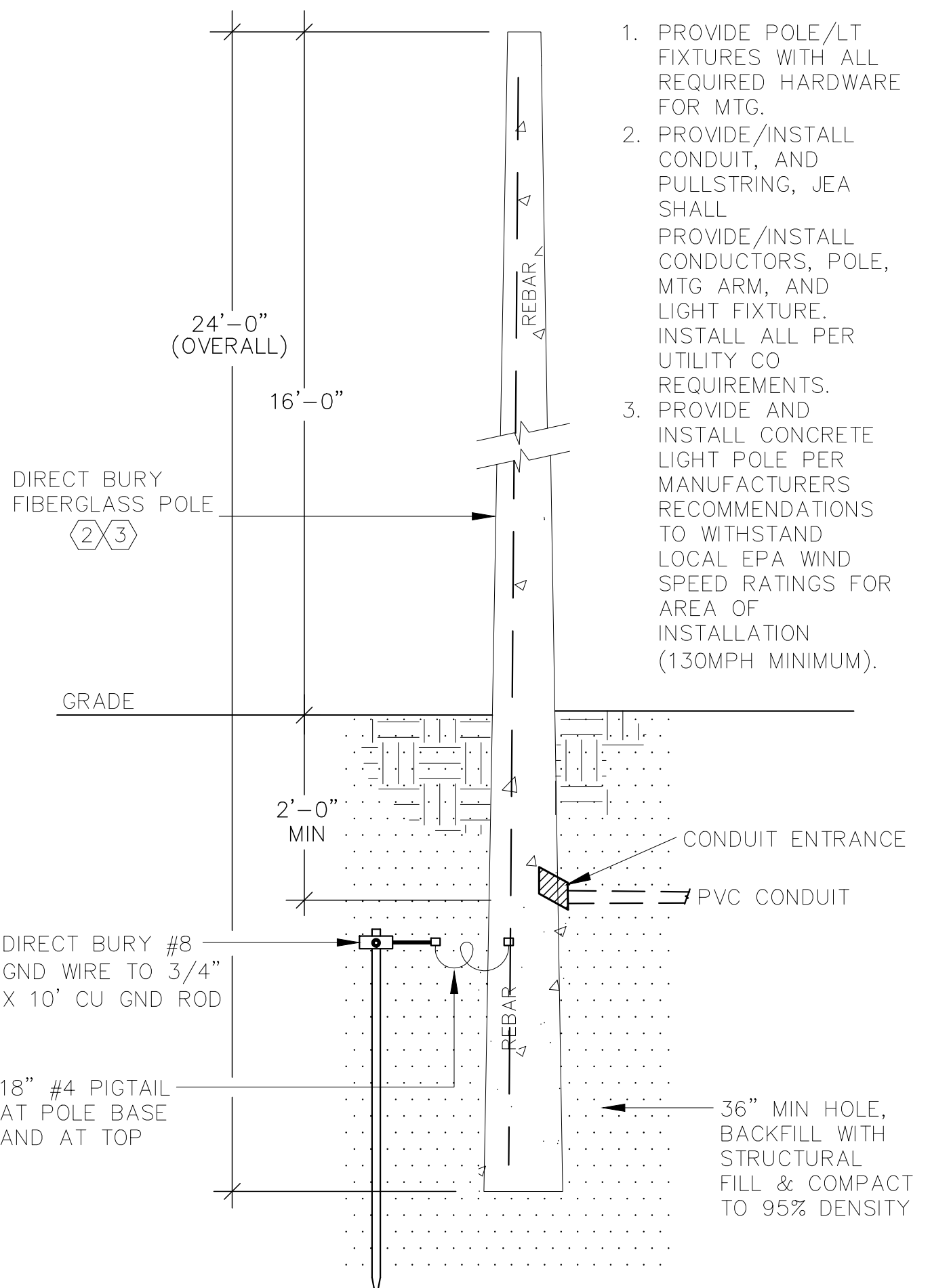


SIDEWALK JOINT DETAILS

SIDEWALK TURNDOWN DETAILS



POLE NOTES:



SITE LIGHTING DETAIL

M.E.S. DETAIL

STOP AND STREET SIGN DETAILS

MISCELLANEOUS DETAILS

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K			
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YULEE, FLORIDA

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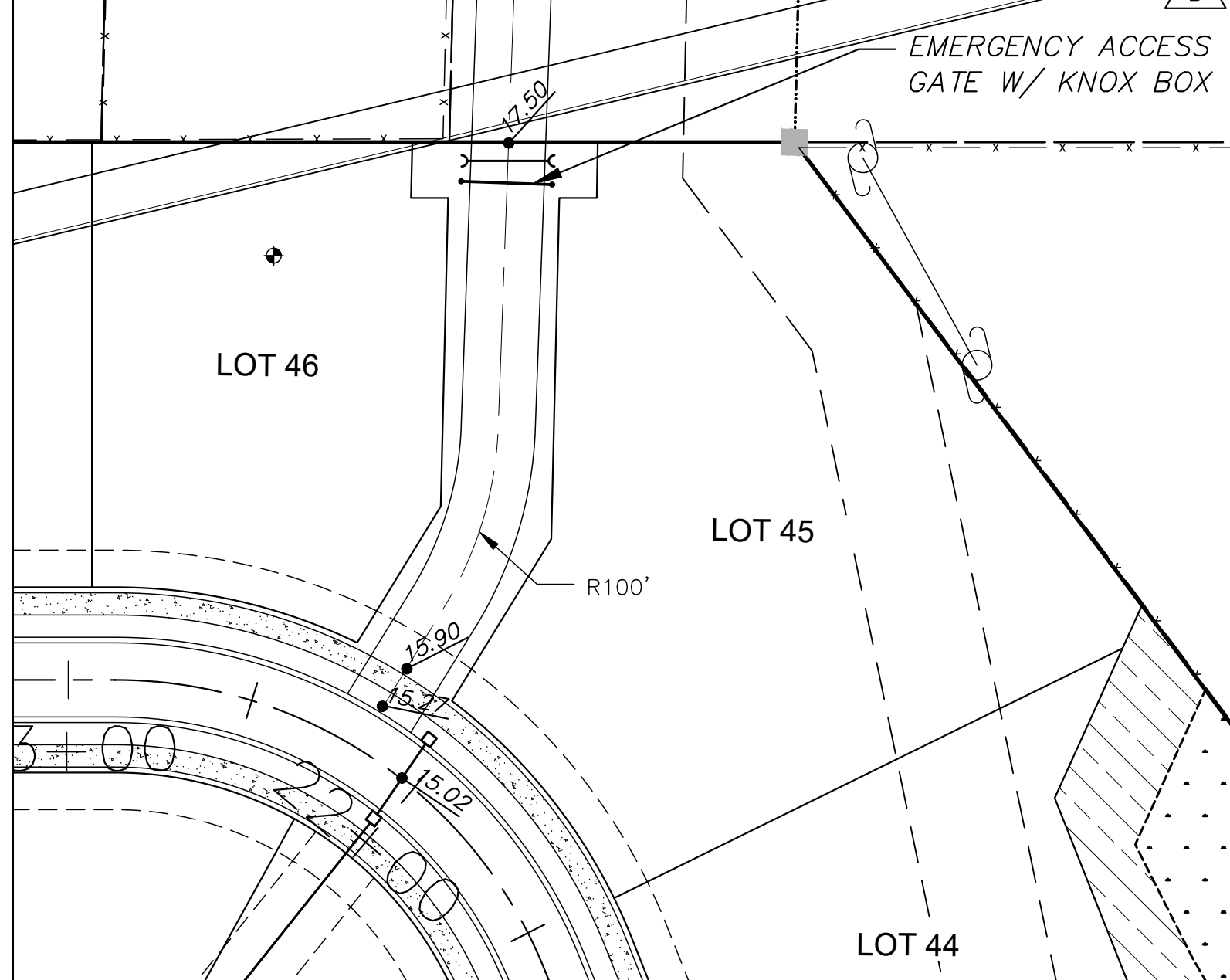
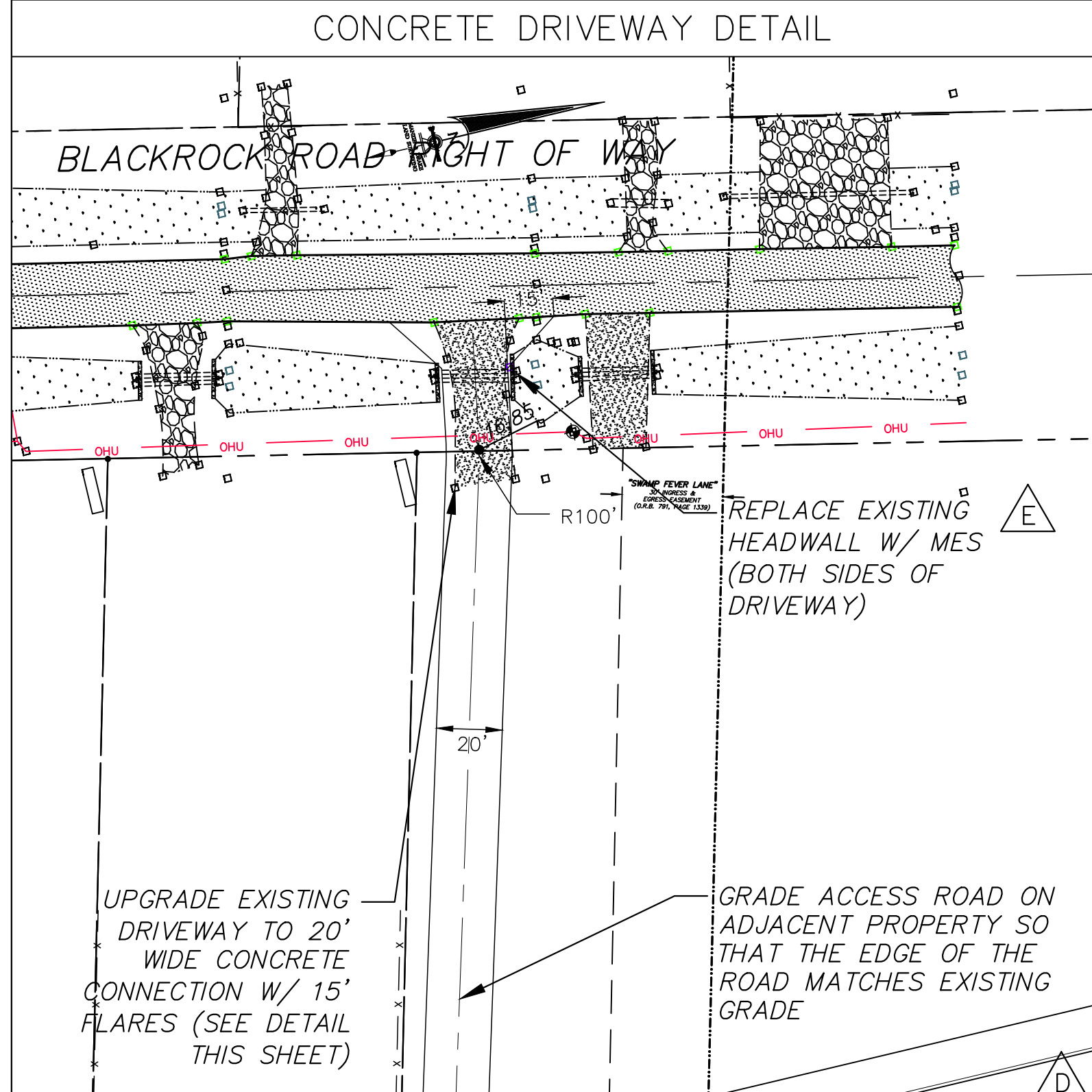
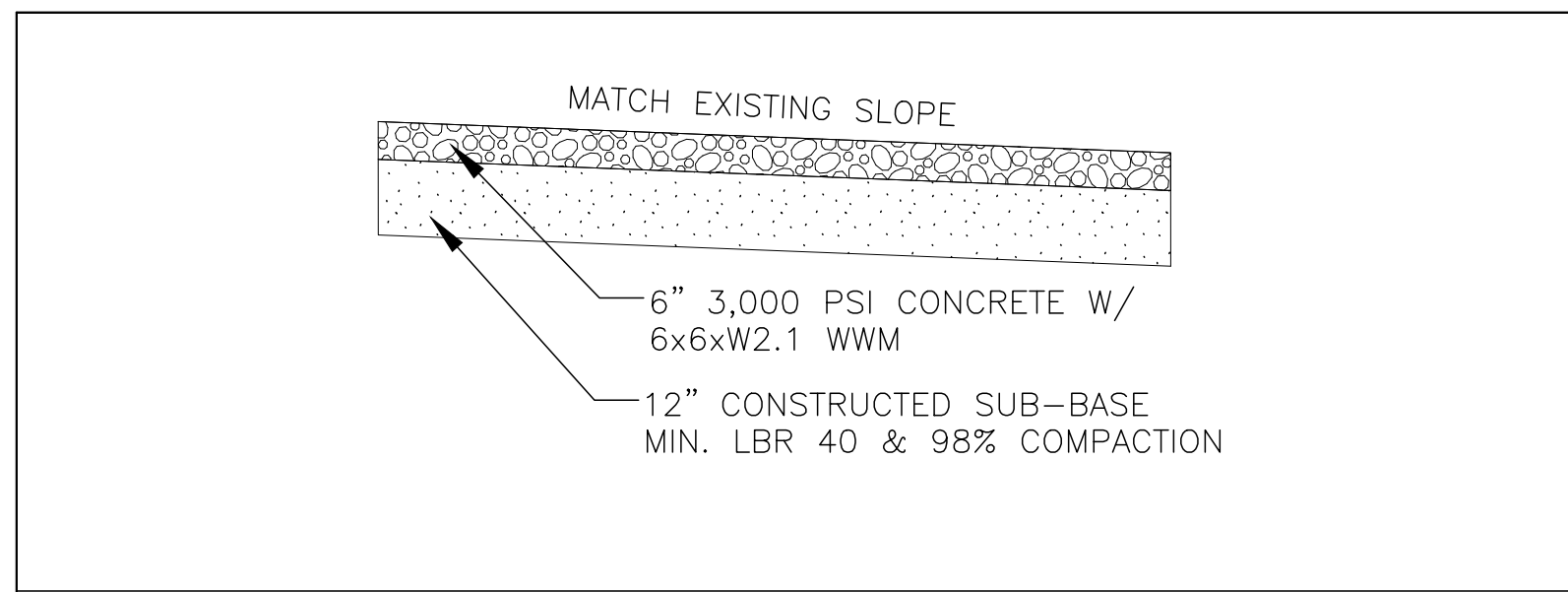
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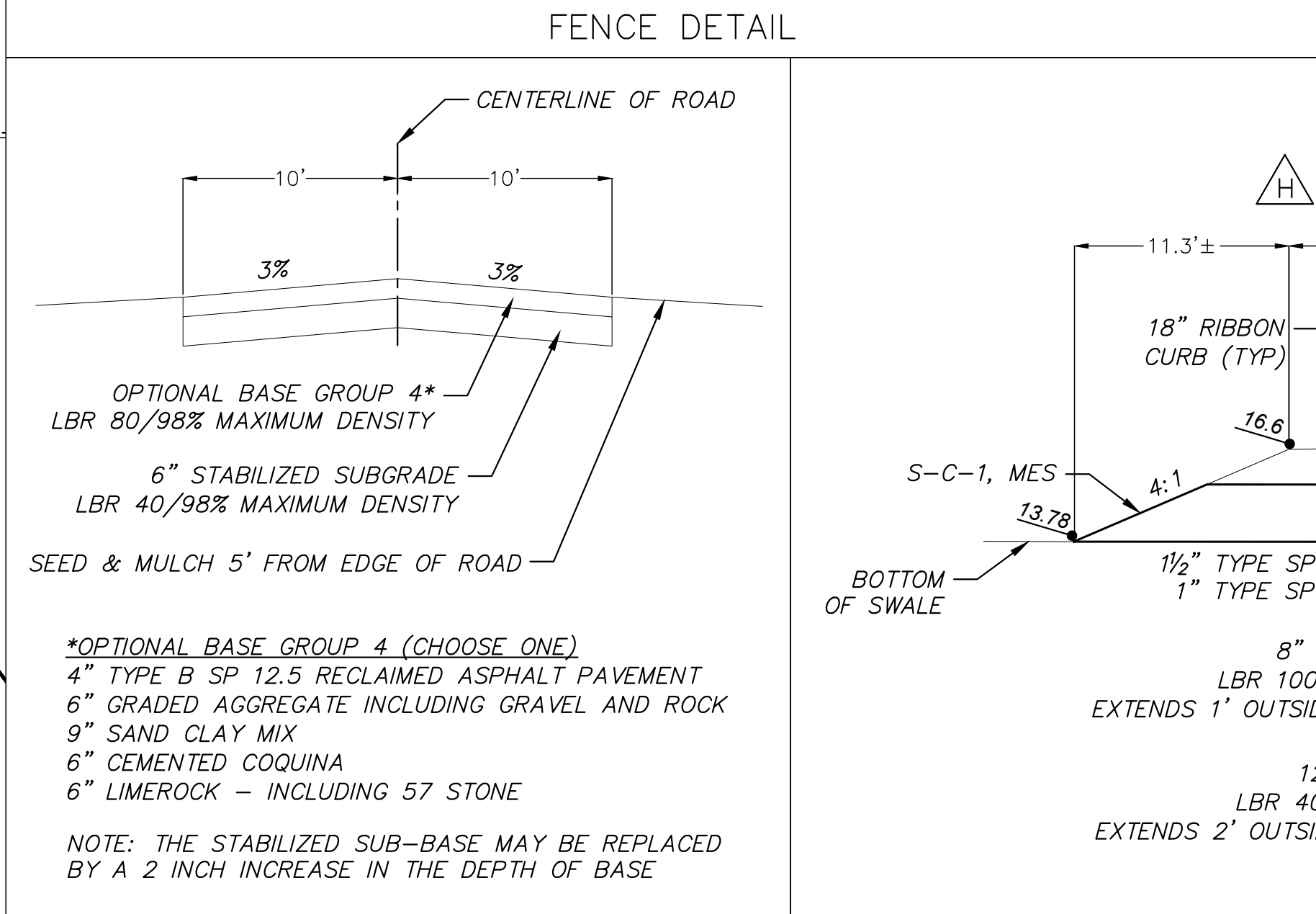
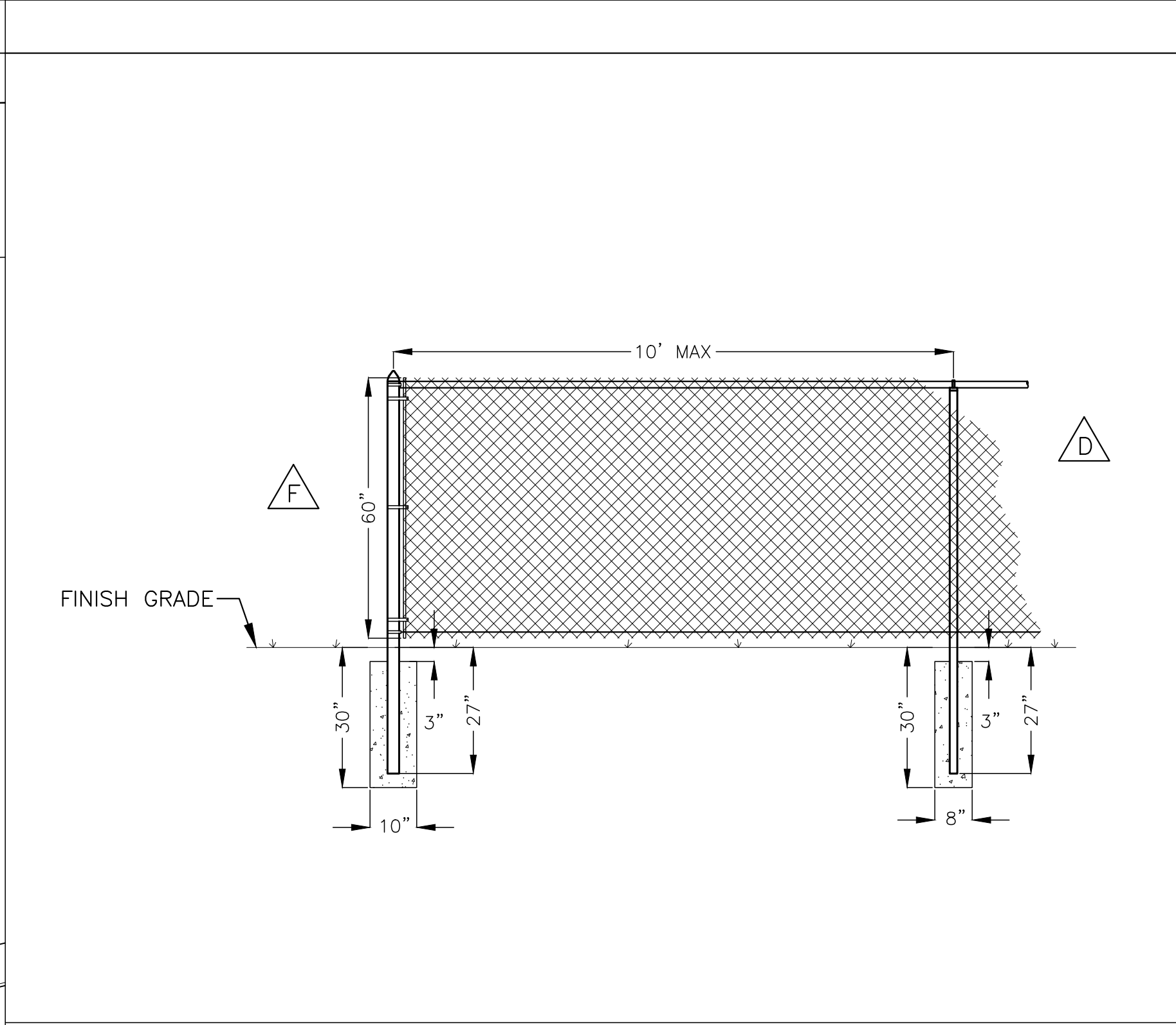
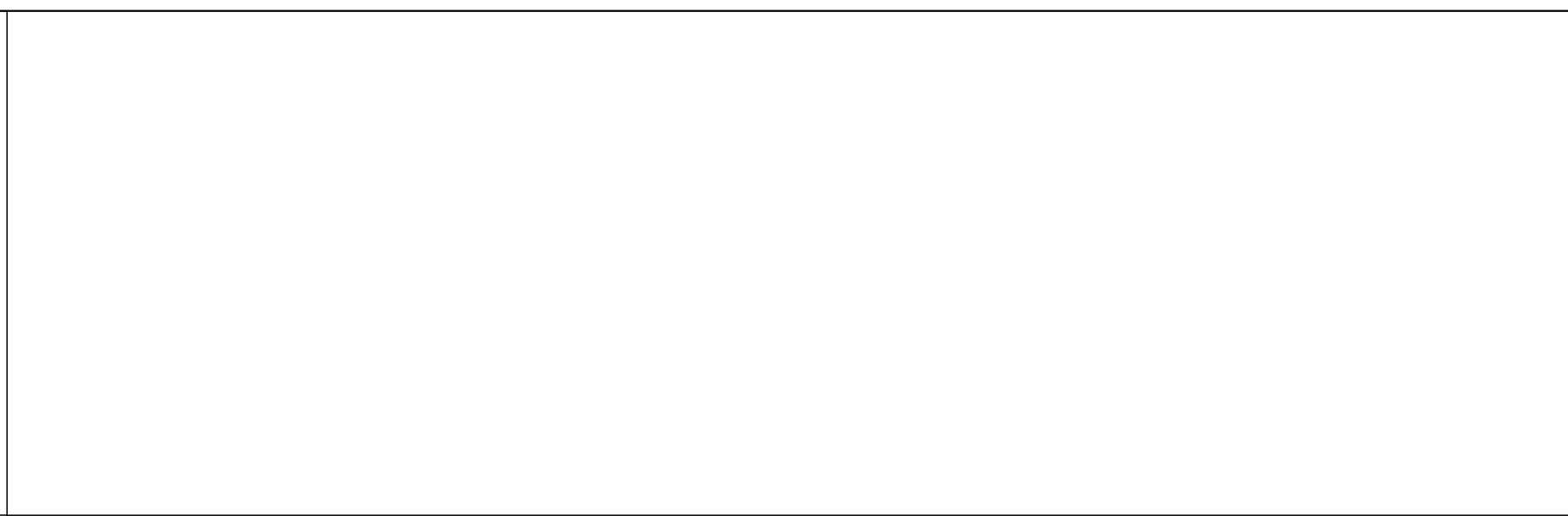
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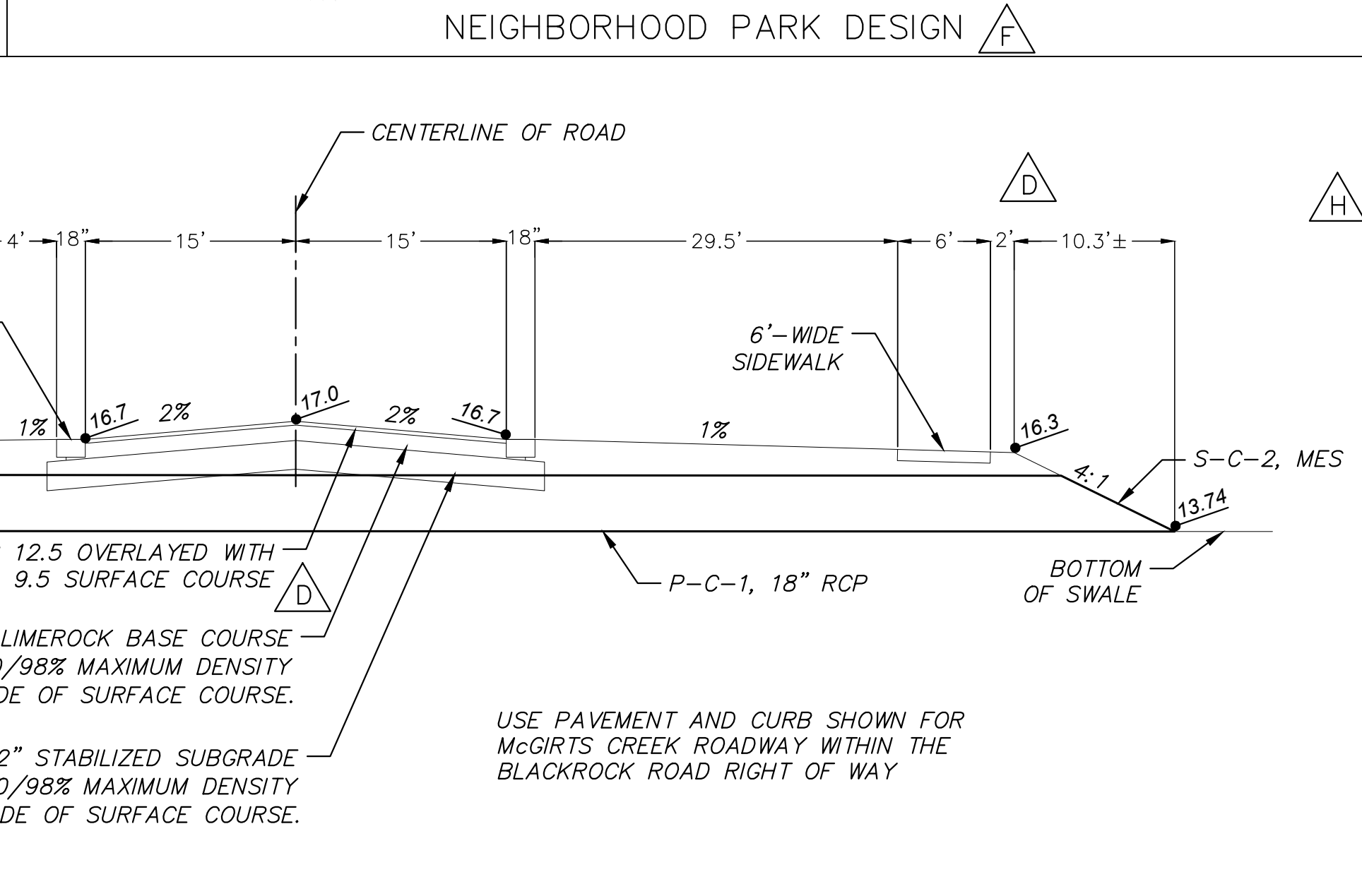
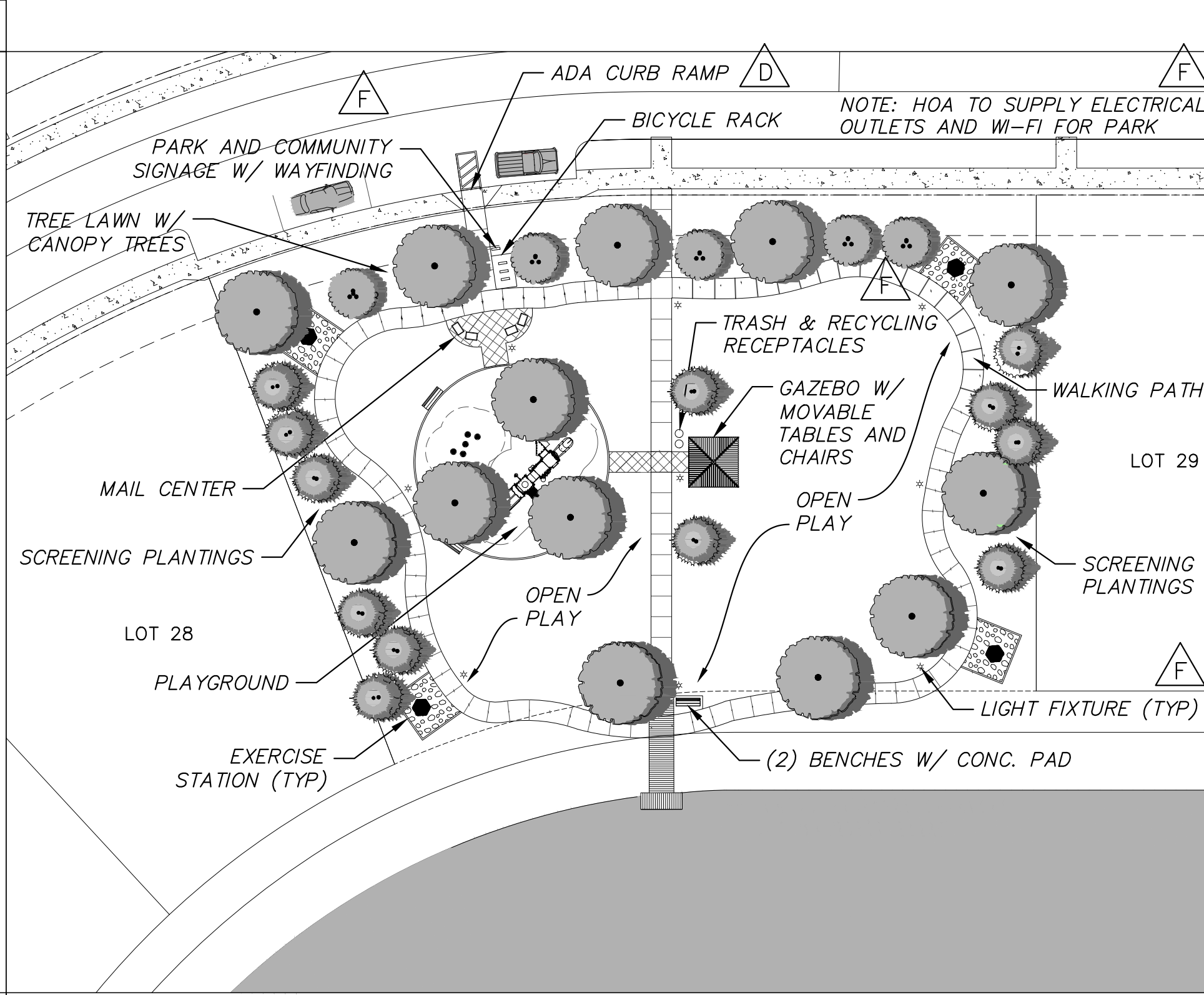
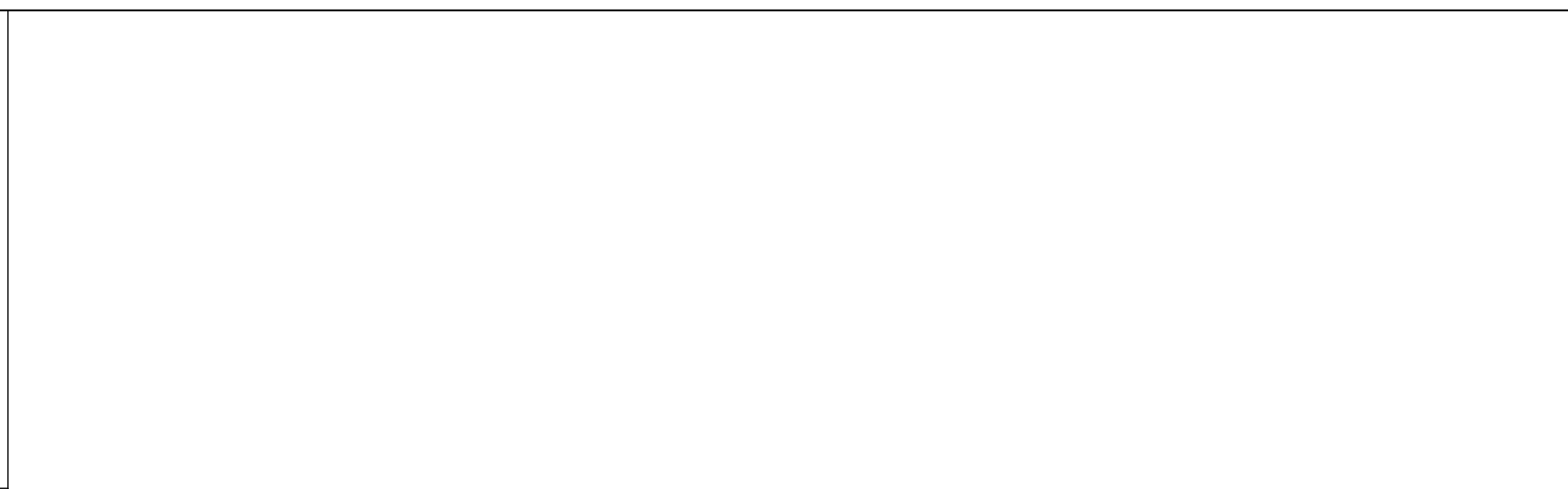
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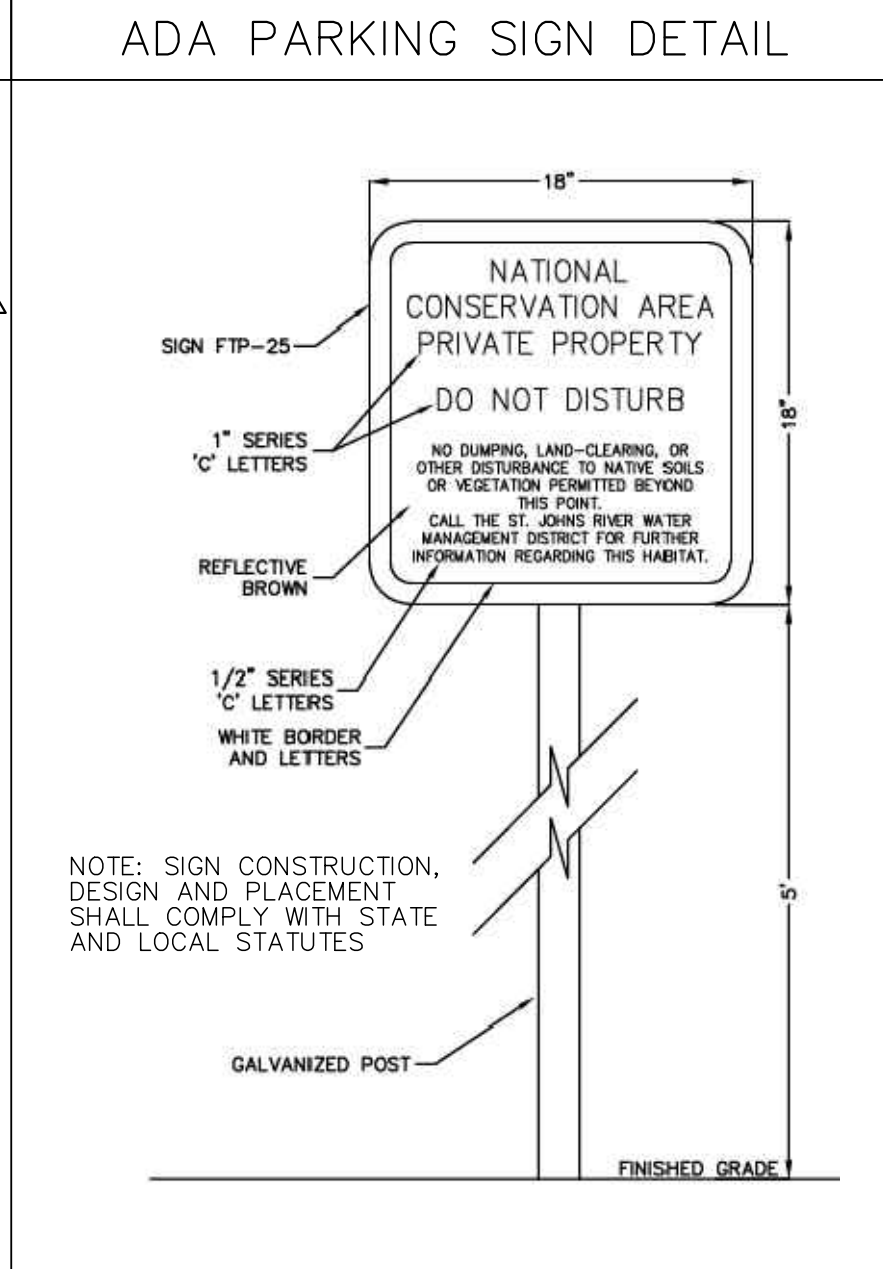
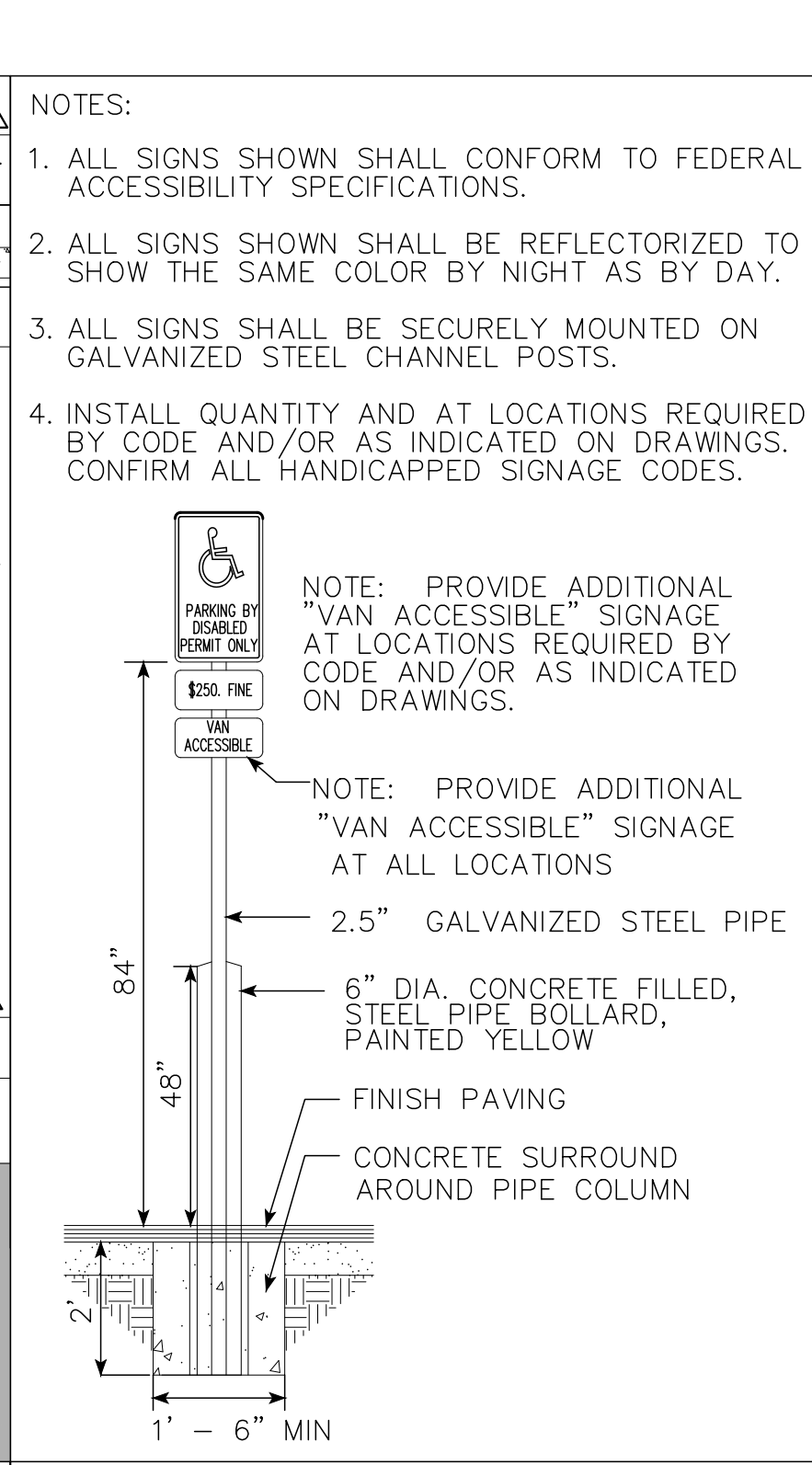
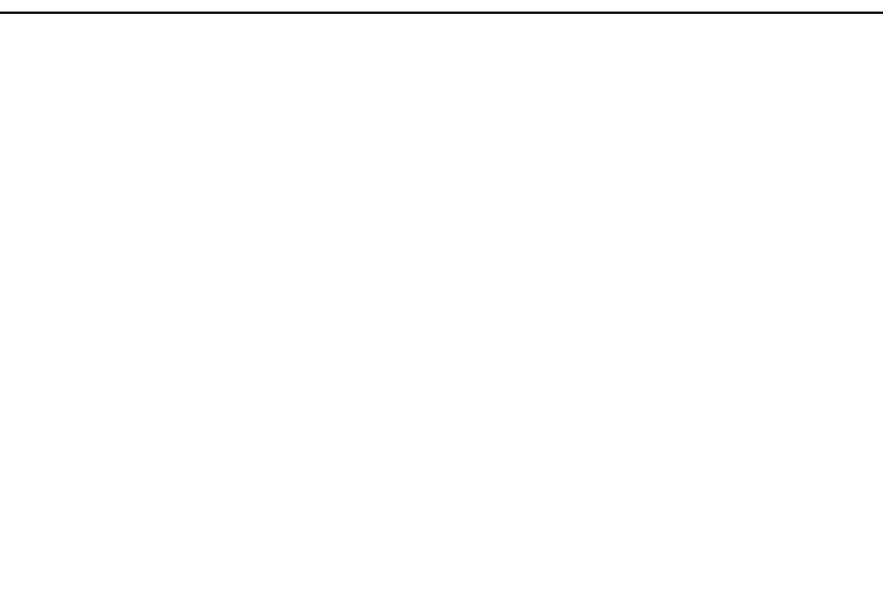
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