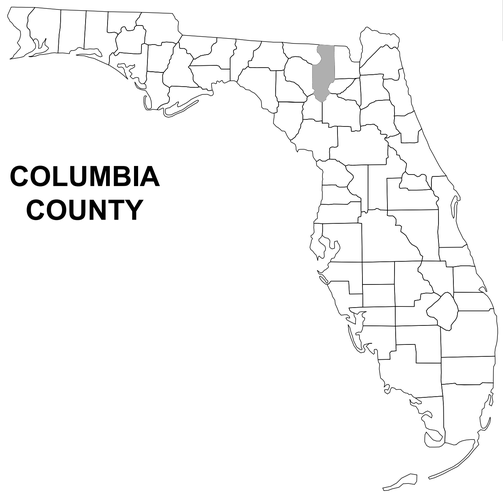
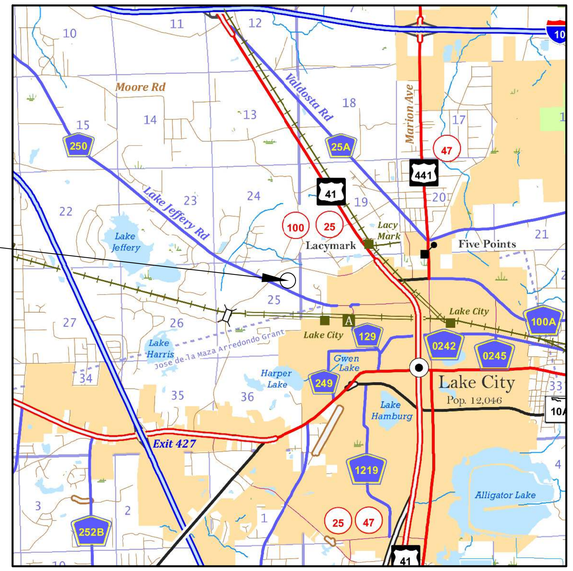
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA



COLUMBIA COUNTY

PROJECT LOCATION



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ATTACHMENTS

NOTE: FOR INFORMATION PURPOSES ONLY

FLOOR PLAN	A-1

GOVERNING CRITERIA:
Florida Department of Transportation; Manual of Uniform Minimum Standards for Design, Construction and Maintenance for Streets and Highways (2018 Edition)

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2024-25 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (Irs).

Standard Plans for Road Construction and associated Irs are availalbe at the following website:

http://www.fdot.gov/design/Standardplans.shtm

APPLICABLE IRs:

Standard Plans for Bridge Construction are included in the Structures Plans Component.

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, July, 2020 Standard Specifications for Road and Bridge Construction are available at the following website:
http://www.fdot.gov/programmanagement/Implemented/SpecBooks

PLANS PREPARED FOR:

COLUMBIA COUNTY BOCC
135 NE HERNANDO AVENUE, SUITE 203
LAKE CITY, FL 32055
386-758-1005

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823 — 2551 BLAIRSTONE PINES DR.
LAKE CITY, FL 32056 — TALLAHASSEE, FL 32301
PH. 386-752-4675 — WWW.NFPS.NET
LIC NO. LB8356 — CA# 29011

JOB NUMBER: L150209CCB
EOR: RYAN D. ASMUS
P.E. NO.: 66626

COVER SHEET

SHEET NO. C-1

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RYAN D. ASMUS LICENSE No.66626 STATE OF FLORIDA PROFESSIONAL ENGINEER

Ryan D Asmus

Digitally signed by Ryan D Asmus
DN: CN=Ryan D Asmus, dnQualifier=A01410D0000018DD26C6CE50006434D, O=NORTH FLORIDA PROFESSIONAL SERVICES INC., C=US
Date: 2025.01.15 11:48:24-05'00'

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NORTH FLORIDA PROFESSIONAL SERVICES INC.
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
RYAN D. ASMUS, P.E. NO. 66626

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

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JOB NUMBER: L150209CCB
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P.E. NO.: 66626

SIGNATURE SHEET

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-2

GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO ENSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE COLUMBIA COUNTY, FLORIDA (BUILDING DEPARTMENT) OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.

2. THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION 10/2 SELF-CERTIFICATION.

3. THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.

4. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.

5. THE SITE IS LOCATED IN SECTION 25, TOWNSHIP 3 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA.

6. THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF THE EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.

7. ALL SLOPES OF THE STORMWATER BASIN SHALL BE GRASSED. ALL SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.

8. ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.

9. THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.

10. ALL SITE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE COLUMBIA COUNTY LAND DEVELOPMENT REGULATIONS.

11. CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.

12. IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE UNSUITABLE MATERIAL TO A DEPTH OF 24" BELOW FINISHED GRADE WITHIN THE CONSTRUCTION LIMITS.

13. THE CONTRACTOR SHALL NOTIFY THE COUNTY AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.

14. THE CONTRACTOR SHALL NOTIFY THE COUNTY AT LEAST 48 HOURS IN ADVANCE OF THE PRESSURE AND LEAKAGE TESTS.

15. NO FINAL TESTING OR PRESSURE TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE COUNTIES REPRESENTATIVE.

16. NO WORK SHALL BE PERFORMED ON SATURDAY OR SUNDAY WITHOUT WRITTEN NOTIFICATION TO THE COUNTY AND COUNTY ENGINEER.

17. CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE STORMWATER MANAGEMENT SYSTEMS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. THIS AS-BUILT SURVEY SHOULD INCLUDE ALL OUTFALL STRUCTURES. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. A COPY OF THE AS-BUILT SURVEY (IN PAPER AND DIGITAL AUTOCAD FORMAT) MUST BE SUBMITTED TO THE COLUMBIA COUNTY, FLORIDA (BUILDING DEPARTMENT) AND THE ENGINEER.

18. THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.

19. IF DURING CONSTRUCTION OR OPERATION OF THE STORM WATER MANAGEMENT SYSTEM, A STRUCTURAL FAILURE IS OBSERVED THAT HAS THE POTENTIAL TO CAUSE THE DIRECT DISCHARGE OF SURFACE WATER INTO THE FLORIDAN AQUIFER SYSTEM, CORRECTIVE ACTIONS DESIGNED OR APPROVED BY A REGISTERED PROFESSIONAL SHALL BE TAKEN AS SOON AS PRACTICAL TO CORRECT THE FAILURE. SEE KARST REPAIR DETAIL #E23. IN ADDITION, A REPORT PREPARED BY A REGISTERED PROFESSIONAL MUST BE PROVIDED AS SOON AS PRACTICAL TO THE DEPARTMENT FOR REVIEW AND APPROVAL THAT PROVIDES REASONABLE ASSURANCE THAT THE BREACH WILL BE PERMANENTLY CORRECTED.

20. ALL CONCRETE SLABS ABUTTING EXTERIOR WALLS SHALL BE SOIL TREATED FOR TERMITES.

21. ALL UTILITY AND/OR DRAINAGE STRUCTURES SHALL BE PRECAST UNLESS APPROVED BY THE ENGINEER. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO PROCUREMENT.

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TALLAHASSEE, FL 32301
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CA# 29011

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P.E. NO.: 66626

GENERAL NOTES
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-3

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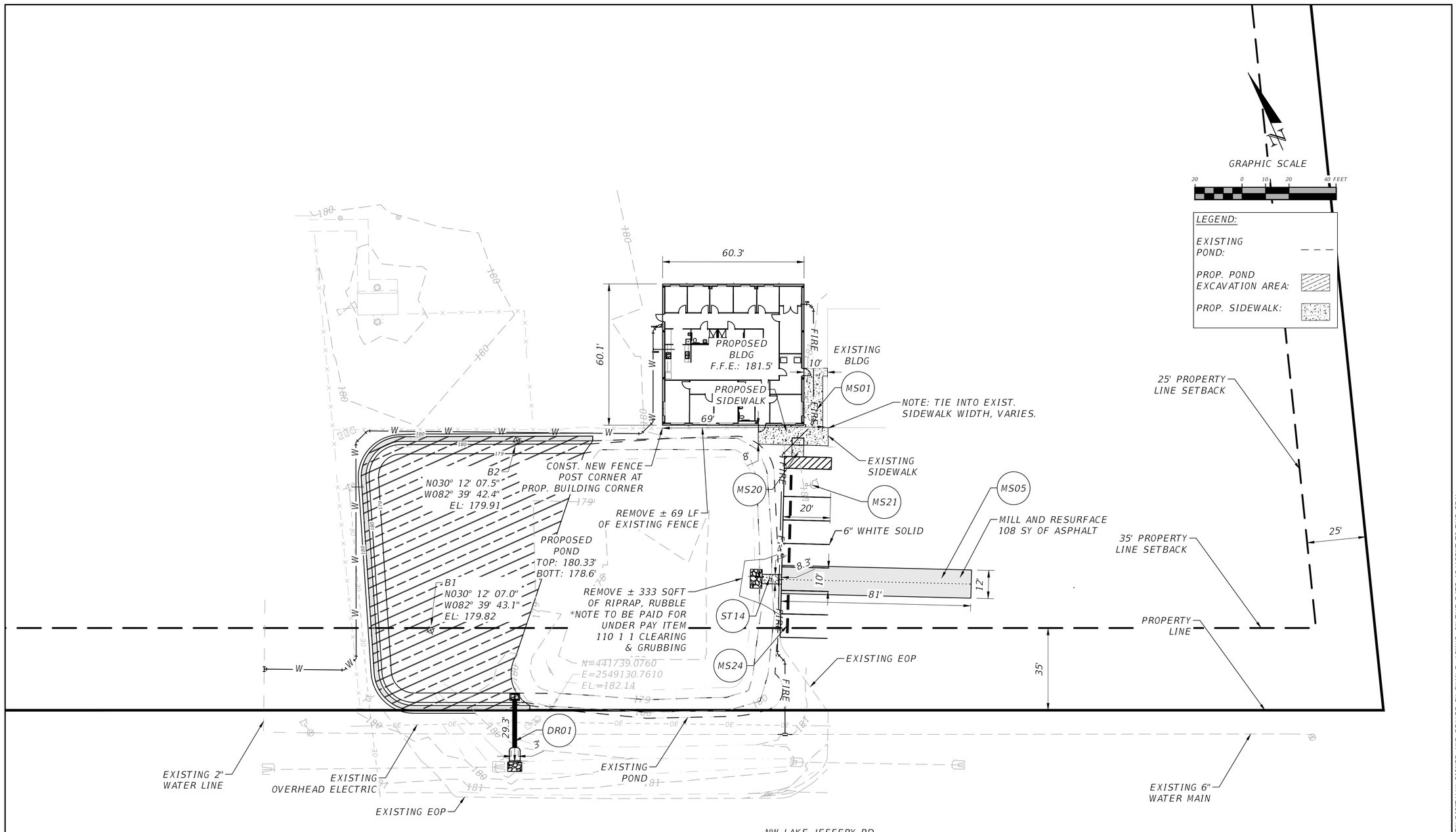

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SITE PLAN

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-4

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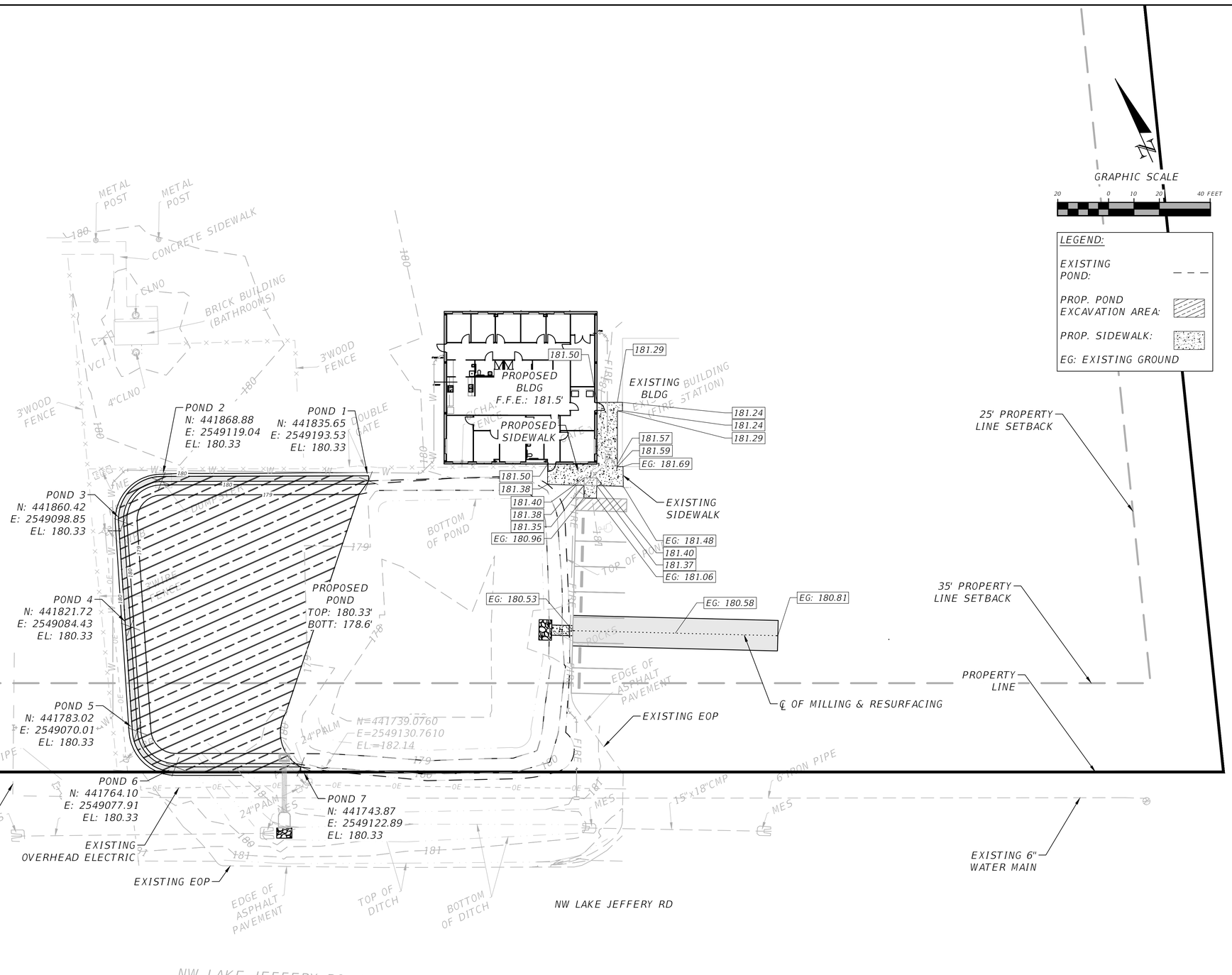

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GRADING PLAN

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-5

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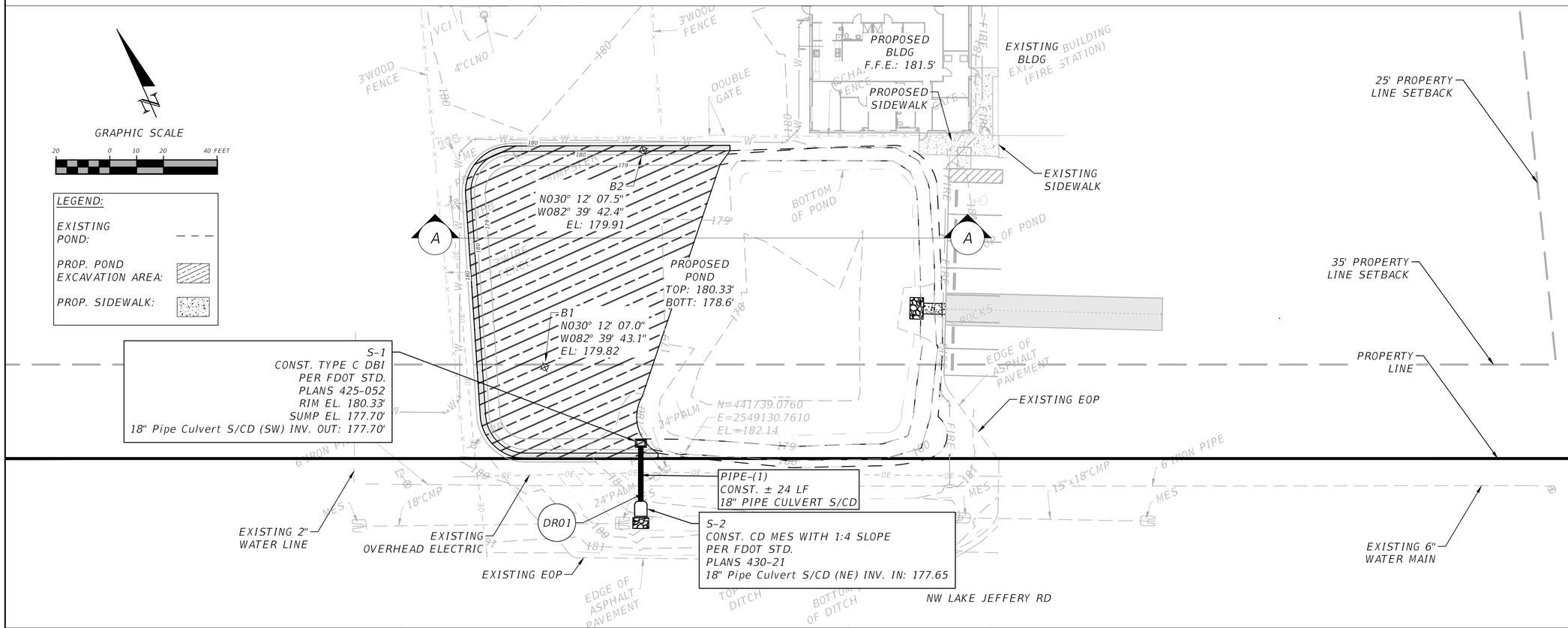
CRITICAL EVENT: 100 YR - 8 HR

MAX STAGE: 179.32'

STORMWATER MANAGEMENT FACILITY # DETAIL
C-6 / A-A

SCALE: N.T.S



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SWMF
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-6

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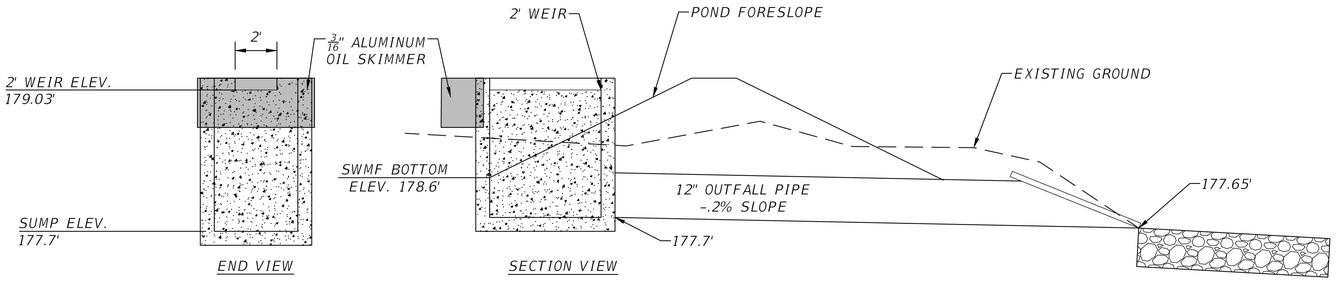

DR01 **SWMF #1 CONTROL STRUCTURE DETAIL**
SCALE: N.T.S.

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WWW.NFPS.NET
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P.E. NO.: 66626

SWMF DETAILS
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-7

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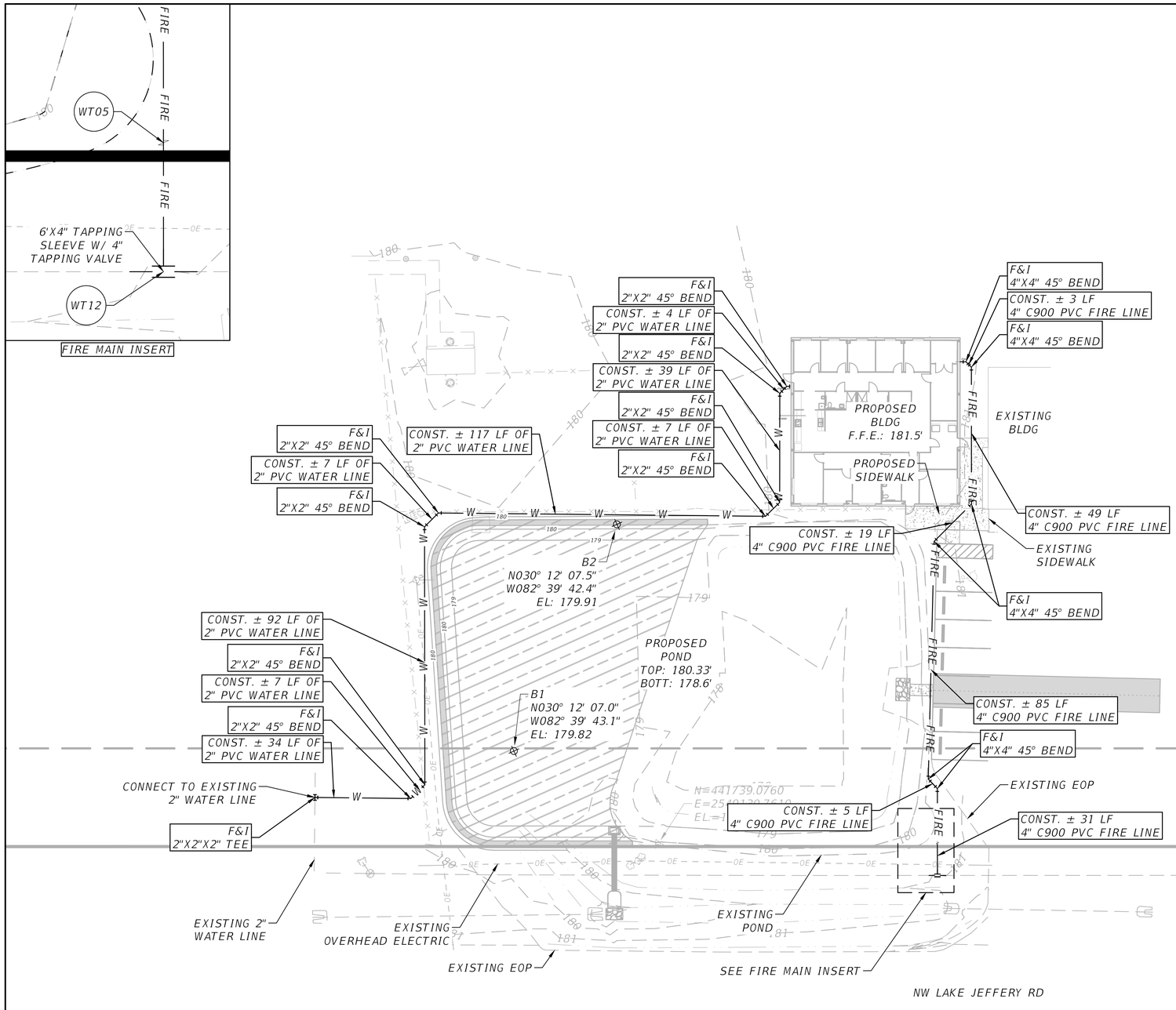

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UTILITIES PLAN

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-8

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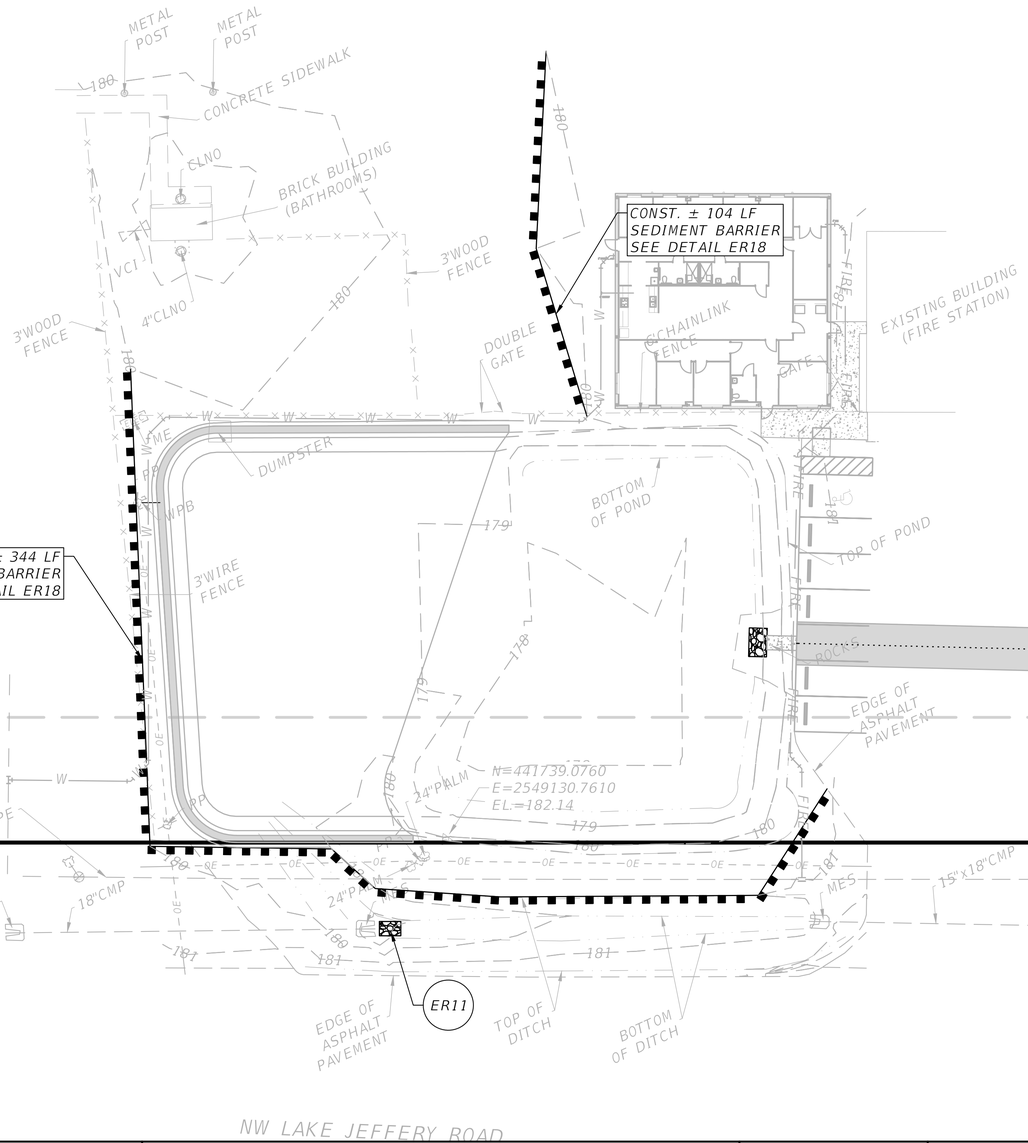

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GRAPHIC SCALE

20 0 10 20 40 FEET

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EROSION CONTROL PLAN

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-9

EROSION CONTROL NOTES

1. THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE "FLORIDA DEVELOPMENT MANUAL" AND THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".

2. THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. IF THE CONTRACTOR NEEDS TO CHANGE THIS PLAN TO MORE EFFECTIVELY CONTROL EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMP's FROM THE "FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL".

3. THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.

4. SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.

5. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL OF 0.5 INCHES OR GREATER, AND REPAIRED OR REPLACED AS NECESSARY.

6. SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.

7. ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.

8. SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.

9. CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.

10. DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.

11. ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.

12. A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.

13. ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF SYNTHETIC BALES OR SODDING.

14. ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.

15. ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.

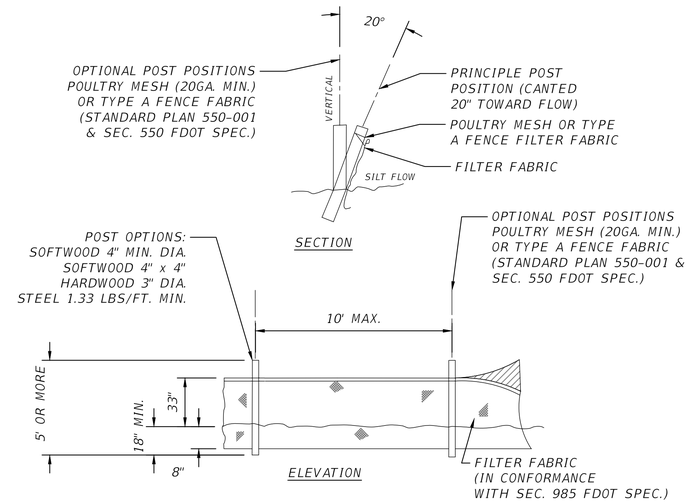
16. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.

17. EXCESS DIRT SHALL BE REMOVED DAILY.

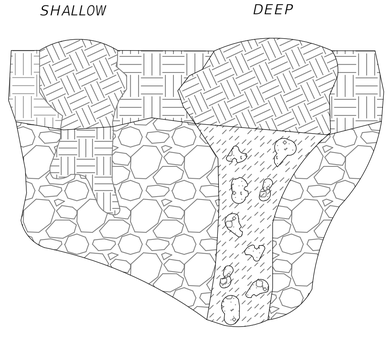
18. THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS. PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.

19. QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.5 INCHES OR GREATER.

20. SITES THAT HAVE BEEN FINALLY STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



ER18 TYPE IV SILT FENCE
SCALE: N.T.S.



NOTES:
THE FOLLOWING SHALL BE PERFORMED IN THE EVENT ANY KARST FEATURES FORM DURING CONSTRUCTION - E.G. SOLUTION CAVITIES, CHIMNEYS, SINKHOLES.

1. NOTIFY THE WATER MANAGEMENT DISTRICT AND THE APPLICABLE MUNICIPAL OR COUNTY PUBLIC WORKS IMMEDIATELY WHEN THE FEATURES ARE ENCOUNTERED. THE METHOD OF REPAIR SHALL BE SUBMITTED FOR REVIEW, COMMENT, AND APPROVAL PRIOR TO ATTEMPTING ANY REPAIR.
2. SHALLOW KARST FEATURES ARE TYPICALLY LESS THAN 5' DEEP AND ONLY HAVE SMALL VOIDS IN THE LIMESTONE. THE FEATURE CAN BE REPAIRED BY BACKFILLING WITH A LOWER PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL AND CREATE A SMALL MOUND SLIGHTLY ABOVE GRADE TO ACCOUNT FOR SETTLING.
3. DEEP KARST FEATURES SHALL BE REPAIRED MORE PERMANENTLY. EXCAVATE THE FEATURE TO THE LIMESTONE BEDROCK. PLUG VOIDS IN THE BEDROCK WITH CLEAN GROUT. BACKFILL OVER THE PLUG WITH A LOWER-PERMEABILITY MATERIAL SUCH AS CLAYEY-SAND OR CLAY. COMPACT THE BACKFILL TO GRADE.

ER23 KARST FEATURE REPAIR DETAIL
SCALE: N.T.S.

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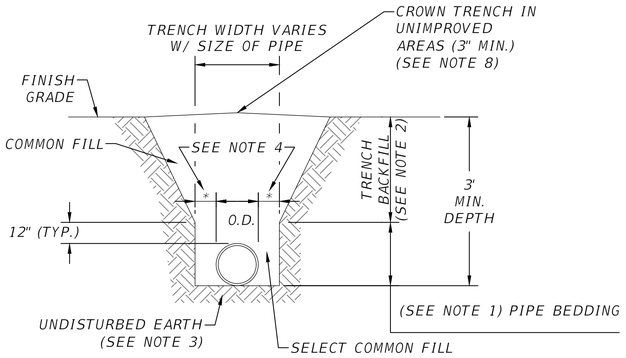
EROSION CONTROL NOTES & DETAILS
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

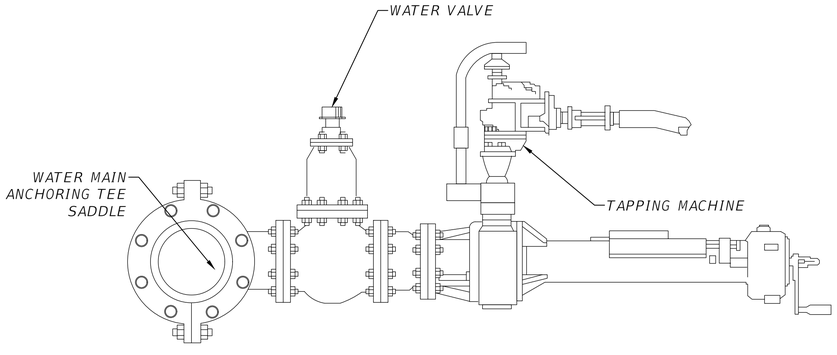
SHEET NO. C-10



NOTES:

1. PIPE BEDDING: SELECT COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
2. TRENCH BACKFILL: COMMON FILL COMPACTED TO 95% OF THE MAXIMUM DENSITY AS PER AASHTO T-180.
3. PIPE BEDDING UTILIZING SELECT COMMON FILL OR BEDDING ROCK WILL BE REQUIRED IFOVER-EXCAVATION OCCURS.
4. (*): 15" MAX. FOR PIPE DIAMETER LESS THAN 24", AND 24" MAX. FOR PIPE DIAMETER 24" AND LARGER.
5. WATER SHALL NOT BE PERMITTED IN THE TRENCH DURING CONSTRUCTION.
6. ALL PIPE TO BE INSTALLED WITH BELL FACING UPSTREAM TO THE DIRECTION OF THE FLOW.
7. PROVIDE TRENCH SLOPING AND BRACING AS REQUIRED FOR SAFETY.
8. FINAL RESTORATION IN IMPROVED AREAS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE REGULATIONS OF GOVERNING AGENCIES. SURFACE RESTORATION WITHIN PAVED AREAS SHALL COMPLY WITH THE REQUUIREMENTS OF THE ROAD CONSTRUCTION SPECIFICATIONS.

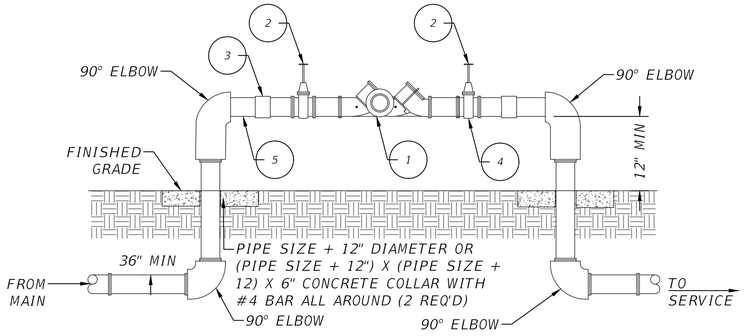
WT11 TRENCH AND BACKFILL DETAILS
SCALE: N.T.S



NOTES:

1. CONTACT BRIAN SCOTT AT THE CITY OF LAKE CITY FOR WET TAP REQUIREMENTS.

WT12 WET TAP AND SADDLE ASSEMBLY
SCALE: N.T.S



MATERIALS	
ITEM	DECRIPTION
1	BACKFLOW PREVENTER
2	GATE VALVE
3	UNION
4	TEST COCKS
5	THREADED NIPPLE

NOTES:

1. UNDER NO CONDITION WILL ANY CONNECTION BE ALLOWED BETWEEN THE SERVICE METER AND A BACKFLOW PREVENTER USED FOR SYSTEM CONTAINMENT. BACKFLOW PREVENTER SHALL ALWAYS BE INSTALLED DOWNSTREAM OF METER.
2. IF A PRESSURE MONITOR IS TO BE INSTALLED, ADD A TEE, VALVE FITTINGS, AND MOUNT ON SUPPLY SIDE PRIOR TO BACKFLOW PREVENTION DEVICE: UNDER NO CIRCUMSTANCE, SHALL TEST PORTS BE MODIFIED OR UTILIZED FOR THIS OR OTHER APPLICATION OTHER THAN BACKFLOW DEVICE TESTING.
3. A CONBRACO SERIES 40-000 FREEZE PROTECTION VALVE SHALL BE INCLUDED.
4. PROVIDE AND INSTALL COVER OVER BACKFLOW PREVENTER AS REQ'D BY LOCAL AUTHORITIES.

WT05 REDUCED PRESSURE BACKFLOW PREVENTER
SCALE: N.T.S

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823 — LAKE CITY, FL 32056 — PH. 386-752-4675 — LIC NO. LB8356
2551 BLAIRSTONE PINES DR. — TALLAHASSEE, FL 32301 — WWW.NFPS.NET — CA# 29011

JOB NUMBER: L150209CCB
EOR: RYAN D. ASMUS
P.E. NO.: 66626

UTILITIES DETAILS
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-11

Keegan Renick 10/14/2024 4:33:20 PM X:\2015\L150209CCB\H.CADD(FS51)\Roadway\KEYSRD_FS51_01.dwg

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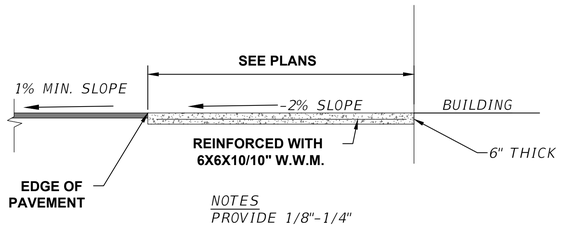
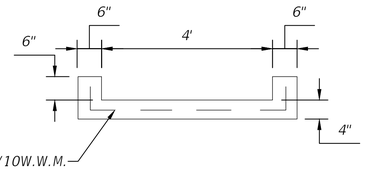
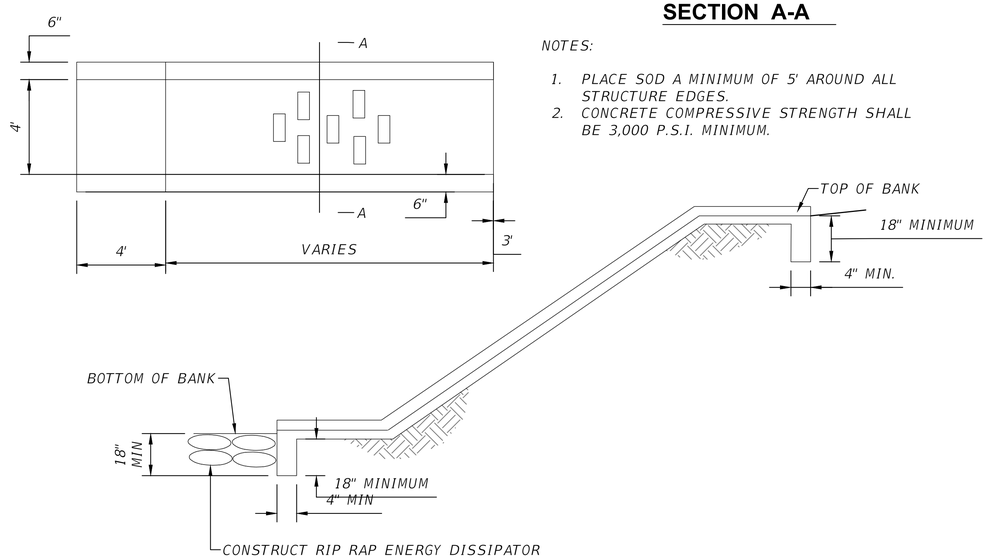


NOTES
PROVIDE 1/8"-1/4"
CONTRACTION JOINTS AT 10'
CENTERS MAXIMUM.

MS01 SIDEWALK DETAIL
SCALE: N.T.S



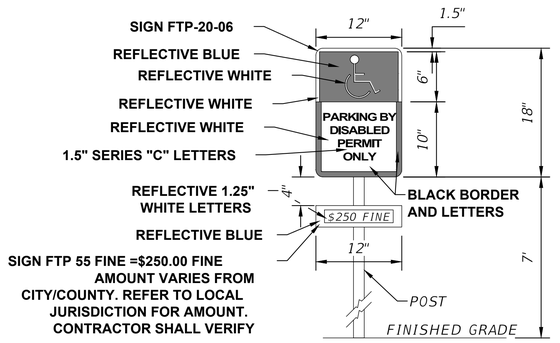
SECTION A-A



NOTES:

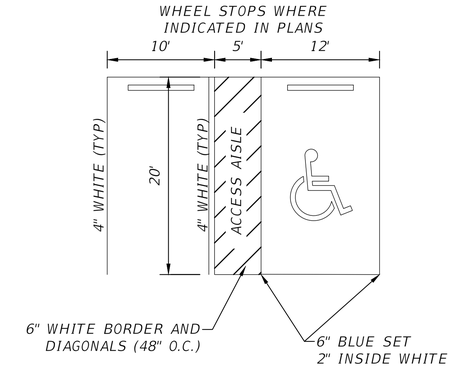
1. PLACE SOD A MINIMUM OF 5' AROUND ALL STRUCTURE EDGES.
2. CONCRETE COMPRESSIVE STRENGTH SHALL BE 3,000 P.S.I. MINIMUM.

ST14 CONCRETE SPILLWAY DETAIL
SCALE: N.T.S



SIGN NOTES:

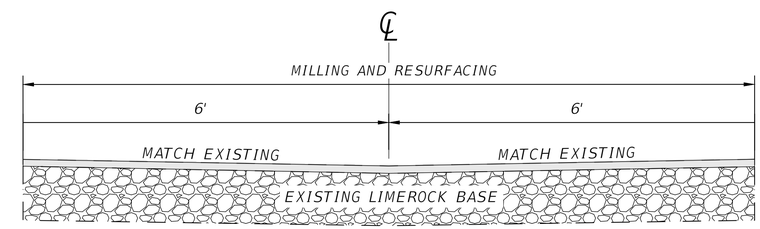
1. SIGN CONSTRUCTION, DESIGN AND PLACEMENT SHALL COMPLY WITH STATE AND LOCAL STATUES.



NOTES:

1. SIGN SHALL BE PLACED IN FRONT OF ALL DESIGNATED HANDICAPPED SPACES. SIGN HEIGHT SHALL BE 7' FROM PAVEMENT TO BOTTOM OF SIGN.
2. 5' HANDICAPPED AISLE MAY BE PLACED ON THE RIGHT OR LEFT SIDE OF PARKING STALL.
3. HANDICAPPED PARKING SYMBOL SHALL BE 3 OR 5 FT. HIGH.
4. BLUE PAVEMENT MARKINGS SHALL BE TINTED TO MATCH SHADE 15180 OF FEDERAL STANDARDS 595A.

MS21 HANDICAP PARKING SIGN & STALL DETAIL
SCALE: N.T.S



MS05 ASPHALT REPAIR DETAIL
SCALE: N.T.S

MILL: 2" DEPTH AT EXISTING CROSS SLOPE
RESURFACE: 2" DEPTH TYPE SP 12.5
STRUCTURAL COURSE

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823 LAKE CITY, FL 32056 PH. 386-752-4675 LIC NO. LB8356
2551 BLAIRSTONE PINES DR. TALLAHASSEE, FL 32301 WWW.NFPS.NET CA# 29011

JOB NUMBER: L150209CCB
EOR: RYAN D. ASMUS
P.E. NO.: 66626

MISC DETAILS
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-12

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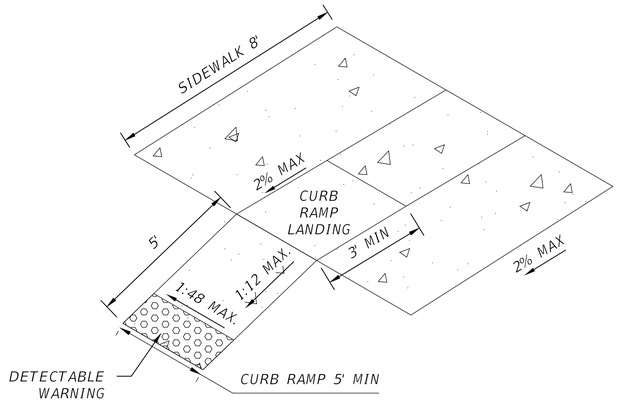
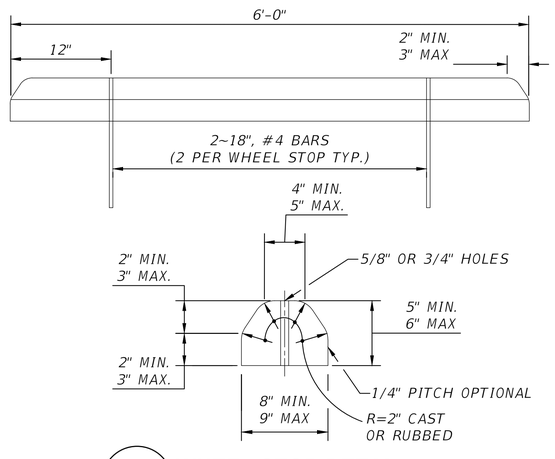


MS20 **ADA RAMP DETAIL "A"**
SCALE: N.T.S



MS24 **WHEEL STOP DETAIL**
SCALE: N.T.S

REVISIONS	
DATE	DESCRIPTION

NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823 — LAKE CITY, FL 32056 — PH. 386-752-4675 — LIC NO. LB8356
2551 BLAIRSTONE PINES DR. — TALLAHASSEE, FL 32301 — WWW.NFPS.NET — CA# 29011

JOB NUMBER: L150209CCB
EOR: RYAN D. ASMUS
P.E. NO.: 66626

MISC DETAILS
LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-13

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Summary of Lump Sum Items

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0101 1	MOBILIZATION	LS	1		1			

Summary of Clearing & Grubbing

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
110 1 1	CLEARING & GRUBBING	AC	0.22		0.22			

Summary of Earthwork

Pay Item Number	Pay Item Description	Unit of Measure	Quanity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0120 1	REGULAR EXCAVATION	CY	77					

Summary of Pavement

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0327 70 5	MILLING EXIST ASPH PAVT, 2" DEPTH	SY	107.7		107.7			
0334 1 12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	TN	12		12			

Summary of Sidewalk and Detectable Warnings

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
522 2	Concrete Sidewalk and Driveways, 6" Thick	SY	51.52		51.52			
527 2	Detectable Warning Surface	SF	10		10			

Summary of Drainage

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
425 1521	INLETS, DT BOT, TYPE C, <10'	EA	1		1			
430175112	PIPE CULVERT, OPTIONAL MATERIAL, ROUND, 12" S/CD	LF	24		24			
430982121	MITERED END SECTION, OPTIONAL ROUND, 12" CD	EA	1		1			
524 1 49	CONCRETE DITCH PAVEMENT, 6", REINFORCED	SY	3.7		3.7			

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0104 10 3	SEDIMENT BARRIER	LF	448		448			
0530 3 4	RIPRAP, RUBBLE, F&I, DITCH LINING	TN	3.2		5.12			
			1.92					

Summary of General Items

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0542 70	BUMPER GUARDS, CONCRETE	EA	6		6			

SUMMARY OF PERFORMANCE TURF

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0570 1 2	PERFORMANCE TURF, SOD	SY	1031.1		1031.1			

Summary of Signing and Pavement Marking

Pay Item Number	Pay Item Description	Unit of Measure	Quantity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
0710 11 101	PAINT, STANDARD, WHITE, SOLID, 6" FOR PARKING SPACES	LF	120		120			
0710 11 160	PAINT, STANDARD, WHITE, MESSAGE OR SYMBOL (HANDICAP SYMBOL)	EA	1		1			
0710 11 142	PAINT, STANDARD, BLUE, SOLID, 6"	LF	110		110			

Summary of Utility Items

Pay Item Number	Pay Item Description	Unit of Measure	Quanity		Total Quantity		Design Notes	Construction Remarks
			P	F	P	F		
1050 31202	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 2"	LF	303		303			
1050 31204	UTILITY PIPE- POLY VINYL CHLORIDE, FURNISH & INSTALL, WATER/SEWER, 4"	LF	193		193			
1080 23104	UTILITY FIXTURE- TAPPING SADDLE/SLEEVE, FURNISH & INSTALL, 4"	EA	1		1			

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DATE	DESCRIPTION

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LAKE CITY, FL 32056
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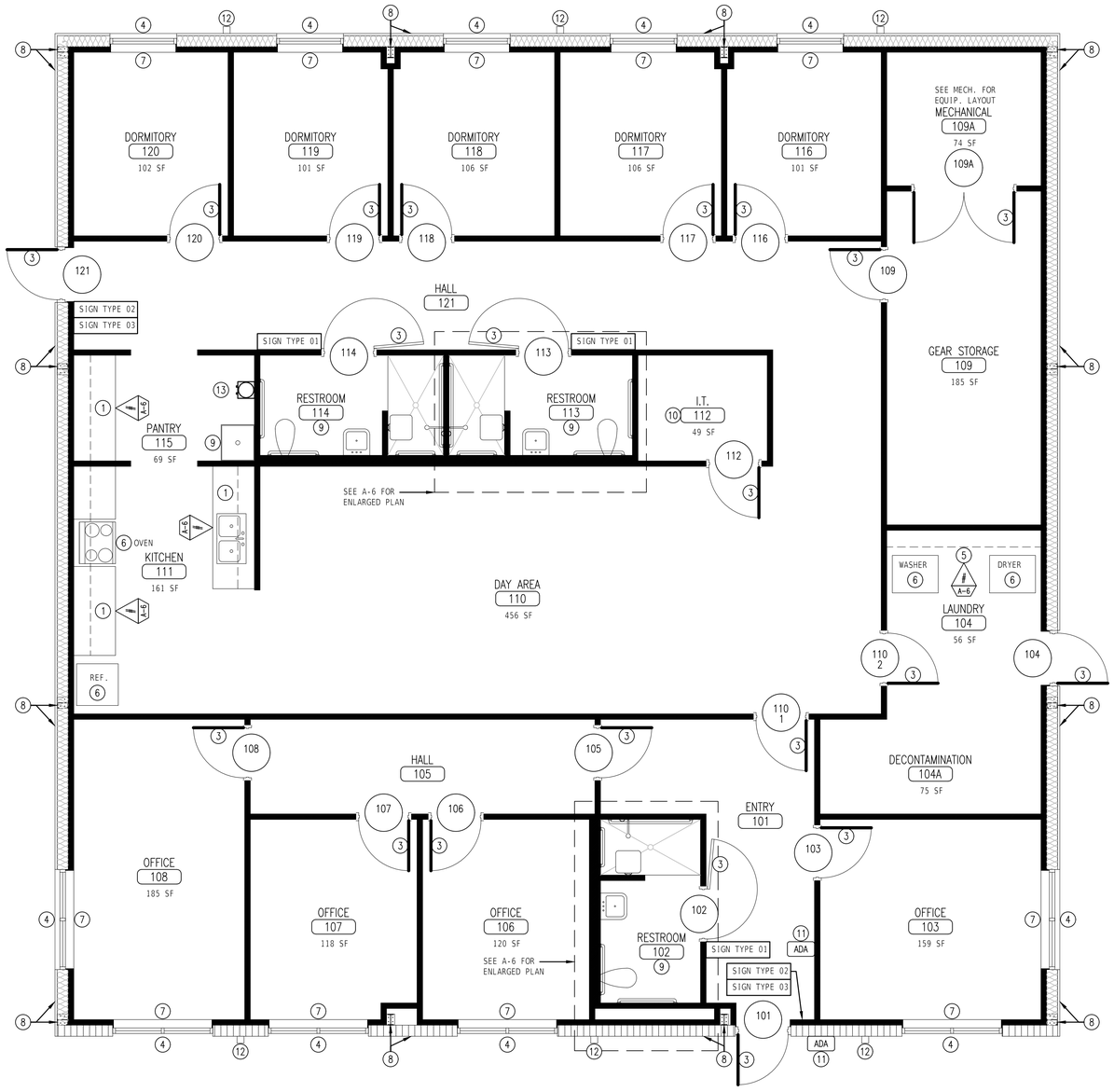
2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET
CA# 29011

JOB NUMBER: L150209CCB
EOR: RYAN D. ASMUS
P.E. NO.: 66626

SUMMARY OF QUANTITIES

LAKE JEFFERY ROAD FIRE STATION EXPANSION
COLUMBIA COUNTY, FLORIDA

SHEET NO. C-14



FLOOR PLAN
1/4" = 1'-0"
3,600 GSF

WALL LEGEND

EXTERIOR SPLIT-FACE 8" CMU WALL W/ FOAM INSUL. IN ALL CELLS NOT FILLED W/ CONC. - SEE STRUCT. FOR CMU REINF. - SEE EXT. ELEV'S.

EXTERIOR PRE-ENGINEERED MT'L. BLD'G. FRAM'G., PURLINS, INSUL. AND EXT. PANEL'G. - SEE EXT. ELEV'S.

INTERIOR 3-5/8" 20 GA. MT'L. STUD. FRAM'G. AT 16" O.C. AND ONE LAYER OF 5/8" TYPE X GYP. BD. ON INT. SIDE - EXTEND FULL PEMB WALL HT. - APPROX. 12'-0" A.F.F.

INTERIOR 3-5/8"" (OR 6" WHERE INDICATED) 20 GA. MT'L. STUD FRAM'G. AT 16" O.C. W/ ONE LAYER OF 5/8" TYPE X GYP. BD. ON EA. (5/8" MOISTURE RESISTANT TILE BACKER BD. ON RESTROOM AND CUSTODIAL ROOM SIDES) - EXTEND WALLS TO 12'-0" A.F.F.

SIGNAGE LEGEND

SIGN TYPE 01	ROOM NAME AND GENDER AND ACCESSIBILITY GRAPHICS SIGN - REFER TO PROJECT MANUAL SECTION 10 1400 SIGNAGE
SIGN TYPE 02	EXIT SIGN - REFER TO PROJECT MANUAL SECTION 10 1400 SIGNAGE
SIGN TYPE 03	EMERGENCY EVACUATION SIGN - REFER TO PROJECT MANUAL SECTION 10 1400 SIGNAGE

FLOOR PLAN NOTES

1. ARCHITECTURAL CASEWORK W/ SINKS WHERE INDICATED - COORD. W/ MEP
2. SHT. MT'L. DOWNSPOUT - COORD. W/ ROOF PLAN, EXTERIOR ELEVATIONS AND CIVIL DOCUMENTS
3. DOOR, FRAME AND DOOR HARDWARE AS SCHED.
4. EXTERIOR ALUM.-FRAMED STOREFRONT FRAM'G. AND GLAZ'G. SYS.
5. ADJUSTABLE MT'L. SHELV'G.
6. OWNER FURNISHED AND INSTALLED EQUIP. - COORD. W/ MEP FOR ROUGH-IN REQUIREMENTS
7. MANUAL ROLLER SHADES
8. PRE-ENGINEERED MT'L. BLD'G. STRUCT. AND ASSOCIATED EXT. WALLS
9. PLUMB'G. FIXTURES AND ACCESSORIES - COORD. W/ PLUMB'G.
10. PLYWOOD AROUND ROOM INTERIOR - PAINT W/ GRAY FIRE RETARDANT PAINT - INSTALL AT 6" A.F.F.
11. ADA PUSH BUTTON DOOR OPERATOR
12. DOWNSPOUT - COORD. W/ CIVIL FOR UNDERGROUND TIE-IN
13. WATER COOLER - BY OWNER
14. REFER TO SECTION 09 1000 OF PROJECT MANUAL FOR FINISH SCHEDULE - TYP. NOTE THROUGHOUT
15. COORD. W/ CIVIL, STRUCTURAL AND MEP DOCUMENTS FOR ADDITIONAL SCOPE OF WORK - TYP. NOTE THROUGHOUT

keil partners
ARCHITECTURE & INTERIORS
GAINESVILLE, FLORIDA • 352-871-4935
AA26002508

NEW FIRE DEPARTMENT ADMINISTRATION BUILDING
1579 NW LAKE JEFFERY ROAD
LAKE CITY, FLORIDA
CCBCC PROJECT NUMBER

#	Date	Note

Revisions

FLOOR PLAN
1/4" = 1'-0"

NOT FOR CONSTRUCTION
SCHEMATIC DESIGN DOCUMENTS

DATE
4/1/2024

2338

A-1