

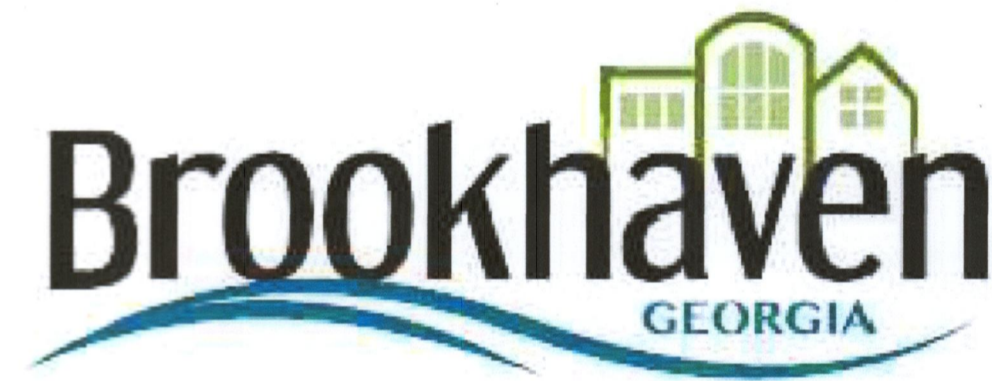
100% CONSTRUCTION PLANS FOR: MURPHEY CANDLER PARK DAM CMP SPILLWAY AND RISER REPAIR

**CITY OF BROOKHAVEN DEVELOPMENT FILE # MS23-00094
FEBRUARY 15, 2024
TAX PARCEL # 18 326 01 041**



SHEET INDEX:

G-001	COVER
C-001	GENERAL NOTES
6/13	EXISTING CONDITIONS
CP-101	CONSTRUCTION PLAN
CU-501	CONSTRUCTION DETAILS (1)
CU-502	CONSTRUCTION DETAILS (2)
S-001	STRUCTURAL GENERAL NOTES, ABBREVIATIONS, AND DETAILS
S-101	MANHOLE TOP AND BASE SLAB PLANS
S-102	MANHOLE SECTIONS
CD-101	OVERALL TRAFFIC CONTROL PLAN
EC-101	EROSION CONTROL INITIAL & INTERMEDIATE
EC-102	EROSION CONTROL FINAL
12 SHEETS TOTAL	



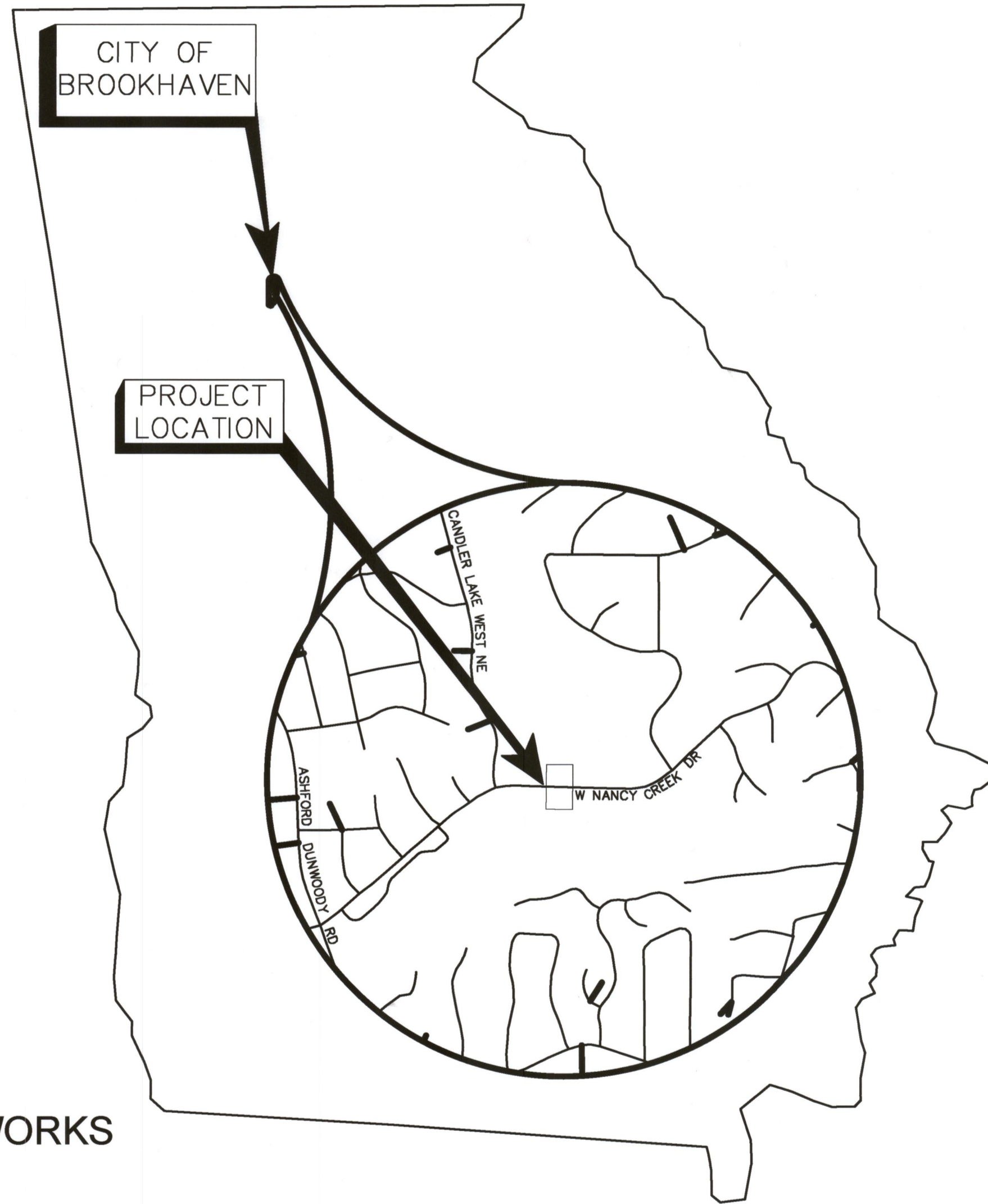
ADJOINING PROPERTIES:

- 1551 W NANCY CREEK DR
OWNER: CITY OF BROOKHAVEN
DB X PG X
TAX PARCEL # 18 326 01 041
- 4051 CANDLER LK
OWNER: CITY OF BROOKHAVEN
DB X PG X
TAX PARCEL # 18 331 01 005

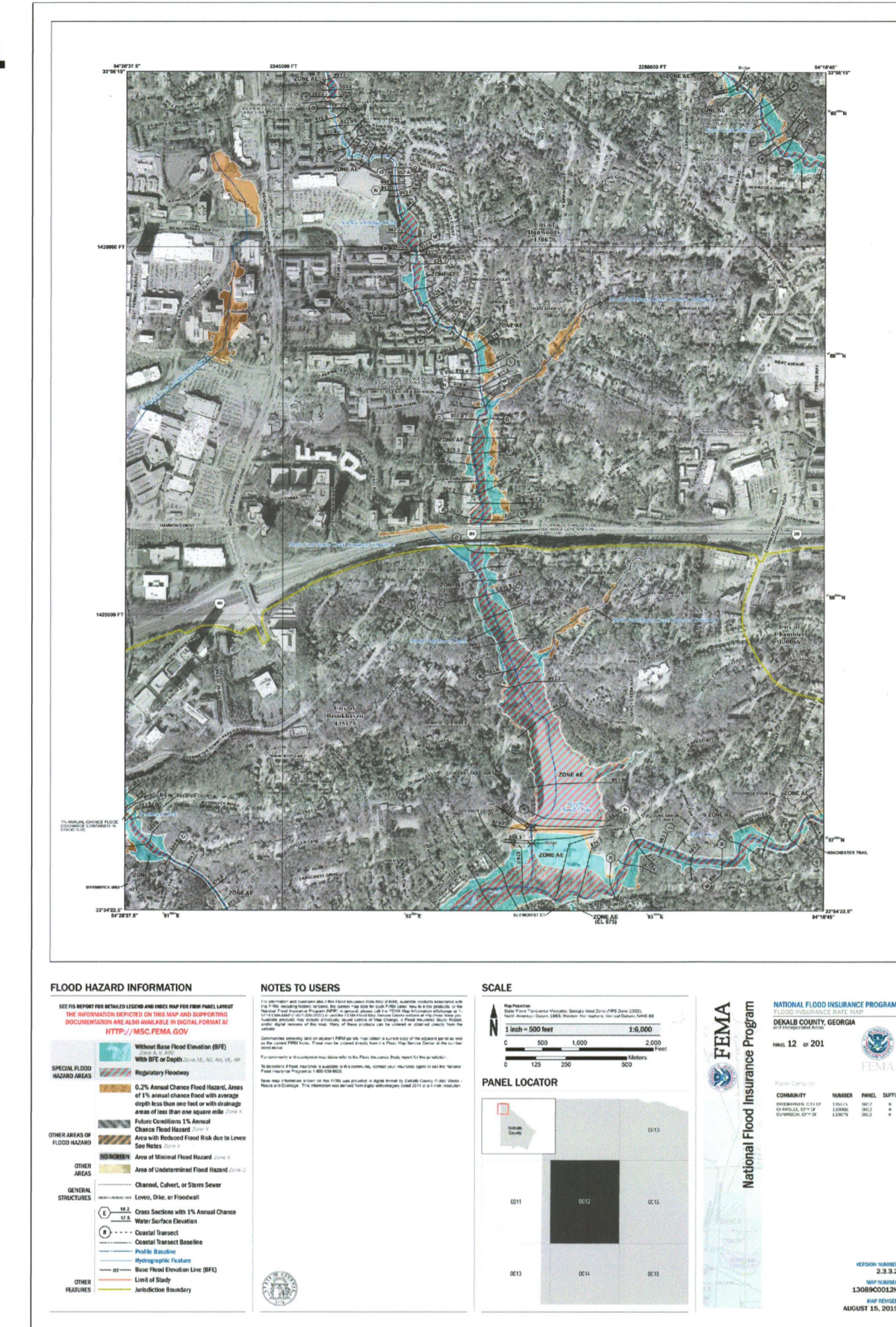
DISTURBED AREA: 0.11 ACRES
TOTAL TRACT SIZE: 0.32 ACRES
IMPERVIOUS AREA: 0.08 ACRES
PCT OF TRACT IMP: 25%

BEGINNING OF STRUCTURE:
LAT: 33.9095
LONG: -84.3245
END OF STRUCTURE:
LAT: 33.9090
LONG: -84.3245

OWNER/PRIMARY PERMITTEE:
CITY OF BROOKHAVEN PUBLIC WORKS
4362 PEACHTREE ROAD
BROOKHAVEN, GA 30319
CONTACT: TOM ROBERTS
TOM.ROBERTS@BROOKHAVENGA.GOV
404-906-2747



VICINITY MAP



FEMA MAP PANEL IMAGE FOR PANEL # 0012K
THIS SITE IS LOCATED WITHIN A ZONE AE AS DEFINED BY FIRM COMMUNITY PANEL NUMBER 13089C0012K FOR UNINCORPORATED DEKALB COUNTY, GA, EFFECTIVE DATE 8/15/2019

DEVELOPER:
N/A

24 HOUR EMERGENCY CONTACT:
TOM ROBERTS
4362 PEACHTREE ROAD
BROOKHAVEN, GA 30319
404-906-2747

ENGINEER:
SAM FLEMING, PE
DEWBERRY
2835 BRANDYWINE ROAD
SUITE 100
ATLANTA, GA 30341-4015
678.537.8627
678.530.0040 FAX

Samuel L. Fleming
SAMUEL I. FLEMING, PE
LEVEL II CERTIFIED DESIGN PROFESSIONAL
GSWCC CERTIFICATION NO. 22173
EXPIRES 11/09/2024



CONSTRUCTION SCHEDULE																											
WEEK	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
INSTALL EROSION CONTROLS	█																										
DRAIN LAKE		█	█																								
MAINTAIN EROSION CONTROL		█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
RISER MODIFICATIONS				█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█	█
CIPP INSTALLATION																█	█										
FINAL LANDSCAPING (PERM. GRASSING)																											
CLEANUP / REMOVE BMP'S																											
REFILL RESERVOIR TO NORMAL POOL LEVEL																											



DEWBERRY ENGINEERS INC.
2835 Brandywine Road
Suite 100
Atlanta, GA 30341-4015
678.530.0022
License No. PEF002398
Expires 6/30/2022

**MURPHEY CANDLER PARK DAM CMP
SPILLWAY AND RISER REPAIR**

CITY OF BROOKHAVEN
DEPARTMENT OF PUBLIC WORKS



COUNTY APPROVAL

APPROVED
STATE OF GEORGIA
DEPT. OF NATURAL RESOURCES

APR 23 2024
Environmental Protection Division
Safe Dams Program

SCALE

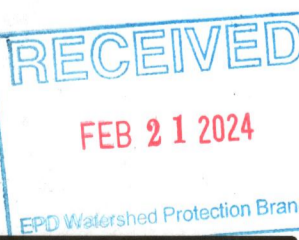
NO.	DESCRIPTION	DATE
10	GASDP REVISIONS v4	02/15/2024
9	GASDP REVISIONS v3	12/18/2023
8	UPDATED LIMITS OF DISTUR	9/13/2023
7	RISER MODIFICATIONS V2	8/28/2023
6	RISER MODIFICATIONS	7/11/2023
5	BROOKHAVEN REVISIONS	6/24/2022
4	GASDP REVISIONS v2	4/7/2022
3	GASDP REVIEW REVISIONS	2/16/2022
2	100 PERCENT SUBMITTAL	12/17/2021
1	90 PERCENT SUBMITTAL	11/24/2021

REVISIONS

DRAWN BY	DT
APPROVED BY	SF
CHECKED BY	MH
DATE	02/15/2024

TITLE

COVER SHEET



PROJECT NO.

G-001

SHEET NO.

1/22/2024 09:07:15 AM P:\BROOKHAVEN\60146289_MCD_CIPP\DESIGN\CADD_RISER_MODIFICATIONS\MCD_CIPP_100\CP1_RISERMODIFICATIONS_SDC\COMMENTS_01232024.DWG

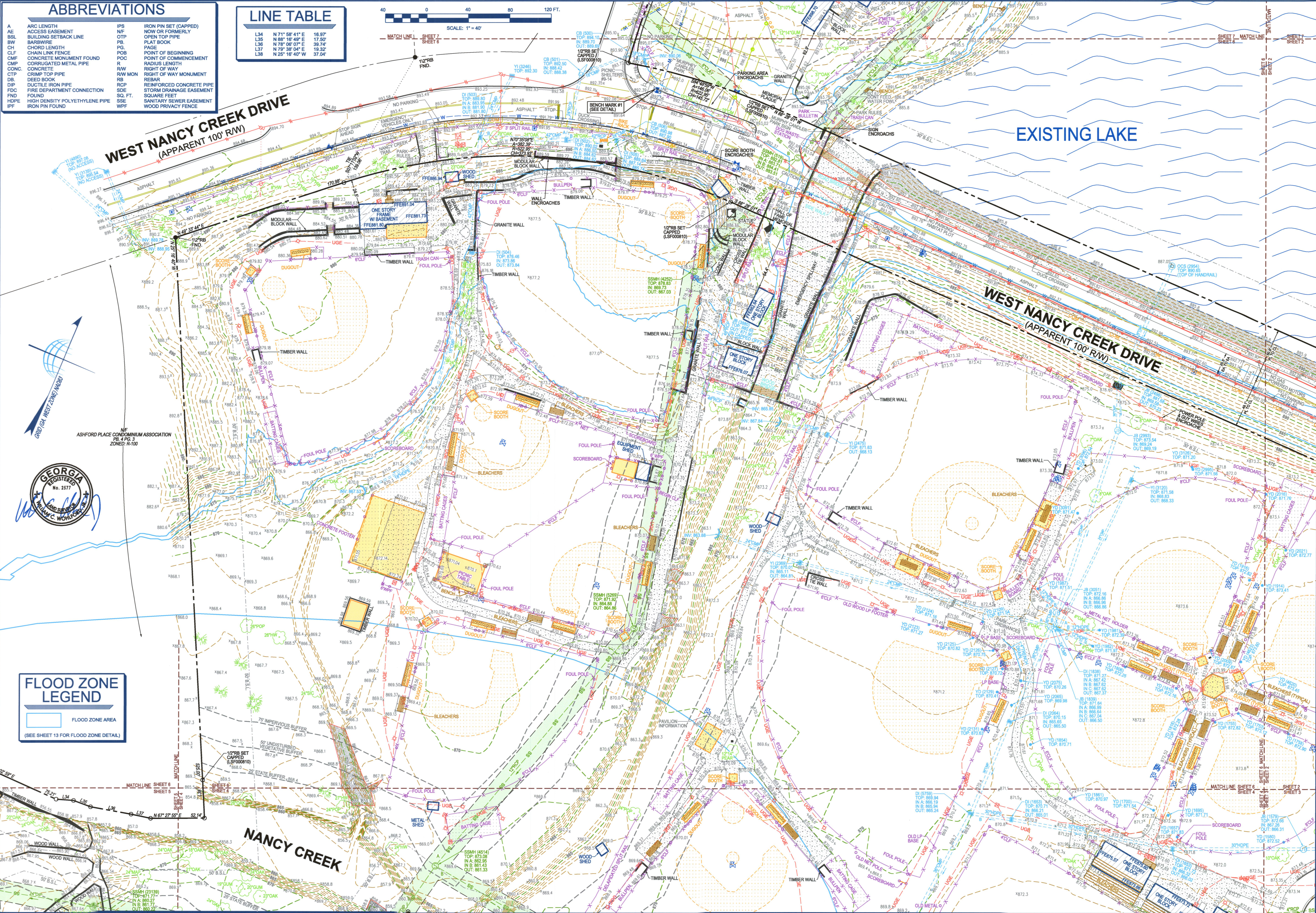
ABBREVIATIONS

AE	ARC LENGTH	IPS	IRON PIN SET (CAPPED)
BSL	BUILDING SETBACK LINE	N/F	NOW OR FORMERLY
BW	BARBIRE	OTP	OPEN TOP PIPE
CH	CHAIN LINK FENCE	PB	PLAT BOOK
CLF	CONCRETE FOUNDATION	PG	PAGE
CMP	CORRUGATED METAL PIPE	POB	POINT OF BEGINNING
CONC	CONCRETE	POC	POINT OF COMMENCEMENT
CTP	CRIMP TOP PIPE	R	RADIUS LENGTH
DB	DEED BOOK	R/W	RIGHT OF WAY
DIP	DUCTILE IRON PIPE	R/W MON	RIGHT OF WAY MONUMENT
FDC	FIRE DEPARTMENT CONNECTION	RB	REBAR
FND	FOUND	RCP	REINFORCED CONCRETE PIPE
HDPE	HIGH DENSITY POLYETHYLENE PIPE	SDE	STORM DRAINAGE EASEMENT
IPF	IRON PIN FOUND	SQ. FT.	SQUARE FEET
		SSE	SANITARY SEWER EASEMENT
		WPF	WOOD PRIVACY FENCE

LINE TABLE

L34	N 71° 58' 41" E	16.97'
L35	N 88° 16' 49" E	17.50'
L36	N 78° 08' 07" E	38.74'
L37	N 79° 38' 04" E	19.32'
L38	N 25° 16' 40" W	37.04'

0 40 80 120 FT.
SCALE: 1" = 40'



FLOOD ZONE LEGEND
FLOOD ZONE AREA
(SEE SHEET 13 FOR FLOOD ZONE DETAIL)

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APR 23 2024
Environmental Protection Division
Safe Dams Program

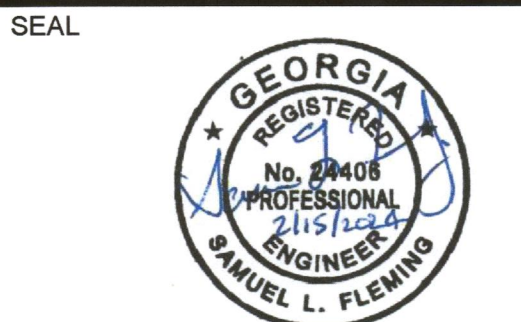
TerraMark Land Surveying, Inc.
1308 Belle Ferry Road
Marietta, Georgia 30066
Phone No. (770) 421-1827
Fax No. (770) 421-0562
www.terramark.com
Professional Land Surveying C. C. #13900870

TerraMark
Professional Land Surveying

Project No.	2016-097
Survey Crew:	VML, DW, REC, WCH, WCF, WCF, WCF, WCF, WCF
Drawn By:	WCH
Approved By:	WCH
Date:	08/22/16
Scale:	1"=40'

BOUNDARY AND TOPOGRAPHIC SURVEY FOR THE CITY OF BROOKHAVEN (MURPHEY CANDLER PARK) LOCATED IN LAND LOTS 326, 327 & 331, 18TH DISTRICT DEKALB COUNTY, GEORGIA

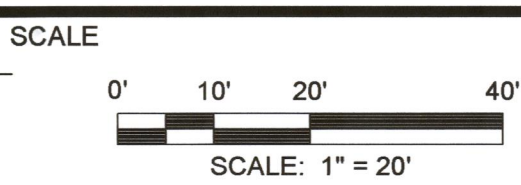
SHEET NO.
6
13
DRAWINGS# TM 16 097



COUNTY APPROVAL

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DEPT OF NATURAL RESOURCES

APR 23 2024
Environmental Protection Division
Safe Dams Program



NO.	DESCRIPTION	DATE
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3	GASPD REVIEW REVISIONS	2/16/2022
2	100 PERCENT SUBMITTAL	12/17/2021
1	90 PERCENT SUBMITTAL	11/24/2021

REVISIONS

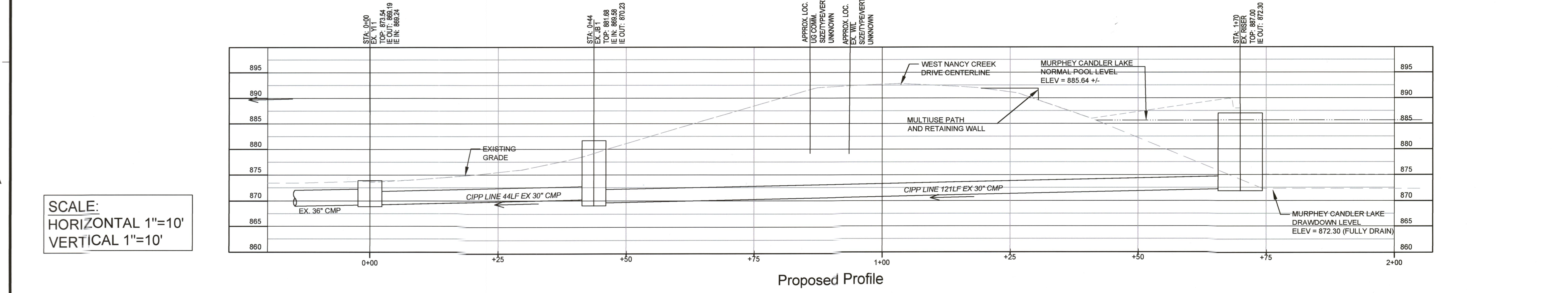
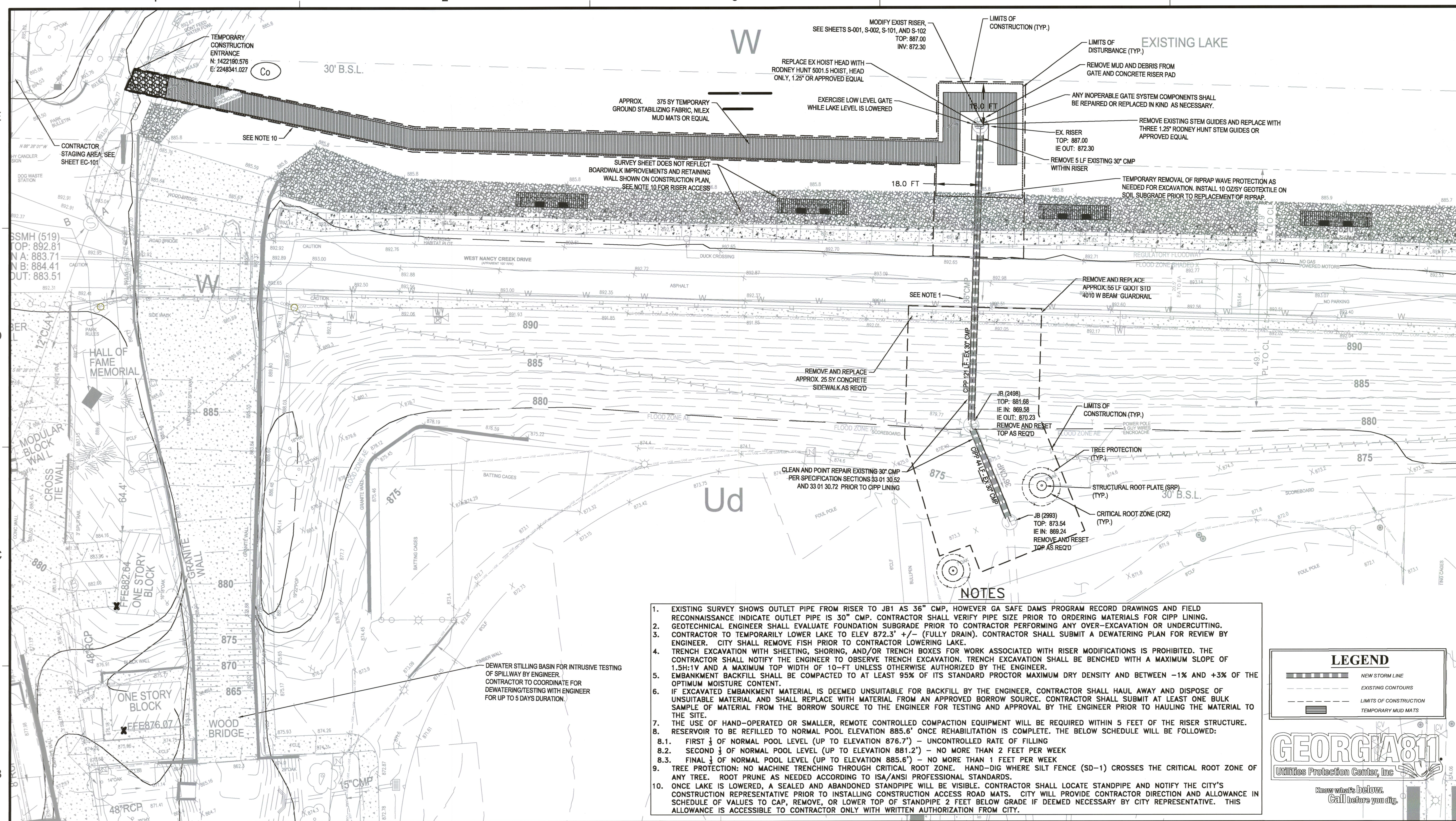
DRAWN BY	DT
APPROVED BY	SF
CHECKED BY	MH
DATE	02/15/2024

**CONSTRUCTION
PLAN & PROFILE**

PROJECT NO. ---

CP-101

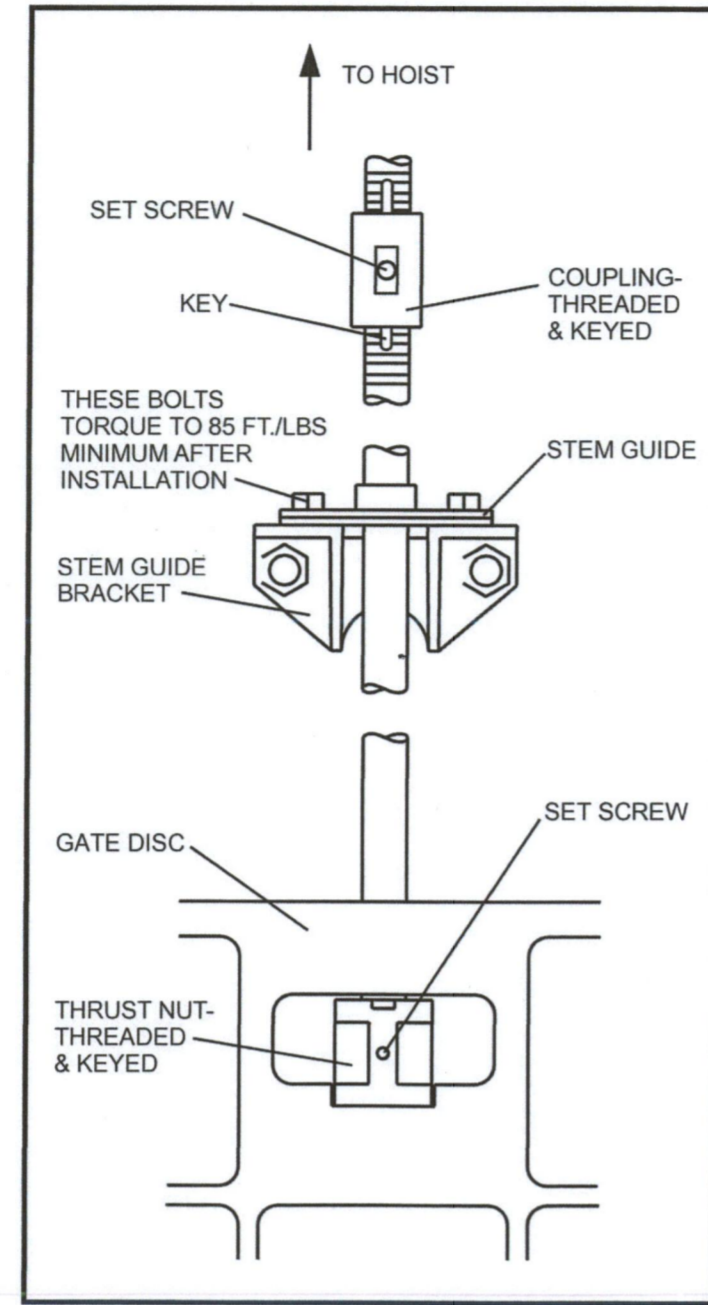
SHEET NO.



Stems and Stem Guide



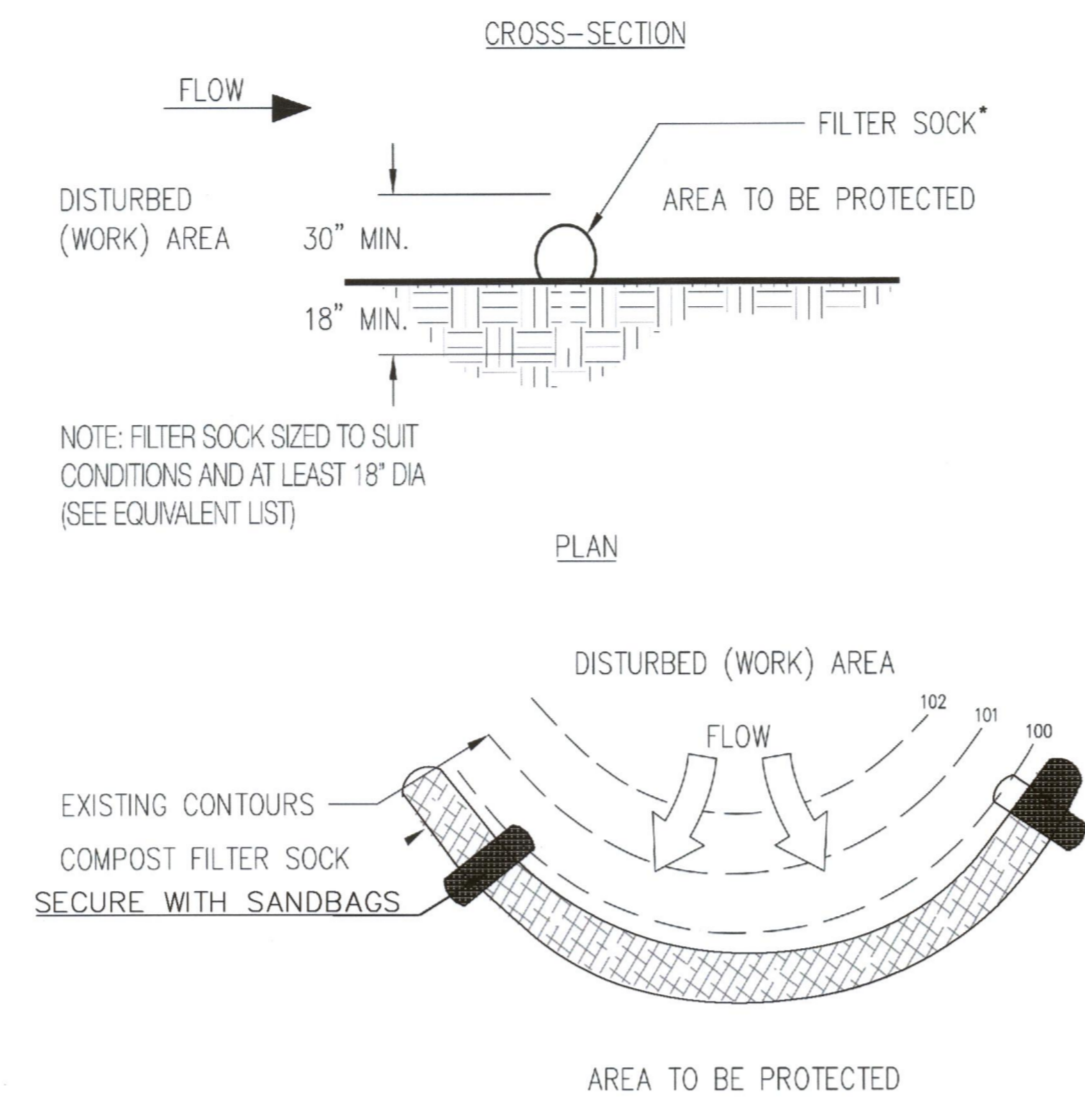
1. Stems are shipped with thrust nuts and couplings attached. These should be removed before installation.
2. Stem guide brackets should be mounted tightly to the wall with anchor bolts positioned in concrete as indicated in the installation drawings. The stem guide, or collar, should be loose on the bracket.
3. The lowest section of the stem should be lowered through the holes in the upper disc ribs and threaded into the bronze thrust nut until the stem is flush with the bottom of the nut.
4. The gib head key is inserted from the top and the locking set screw should be tightened. The stem should be lightly supported as it passes through stem guides in the proper sequence.
5. Stem couplings, where required, should be threaded onto the lower section of the stem. The upper section of the stem is then threaded into the coupling. Take care to make sure the coupling is threaded an equal amount onto each stem.
6. The key should then be inserted and locked in place by means of the set screw.
7. The threaded section of stem should be cleaned and checked to make sure that no damage has occurred to the threads during installation.



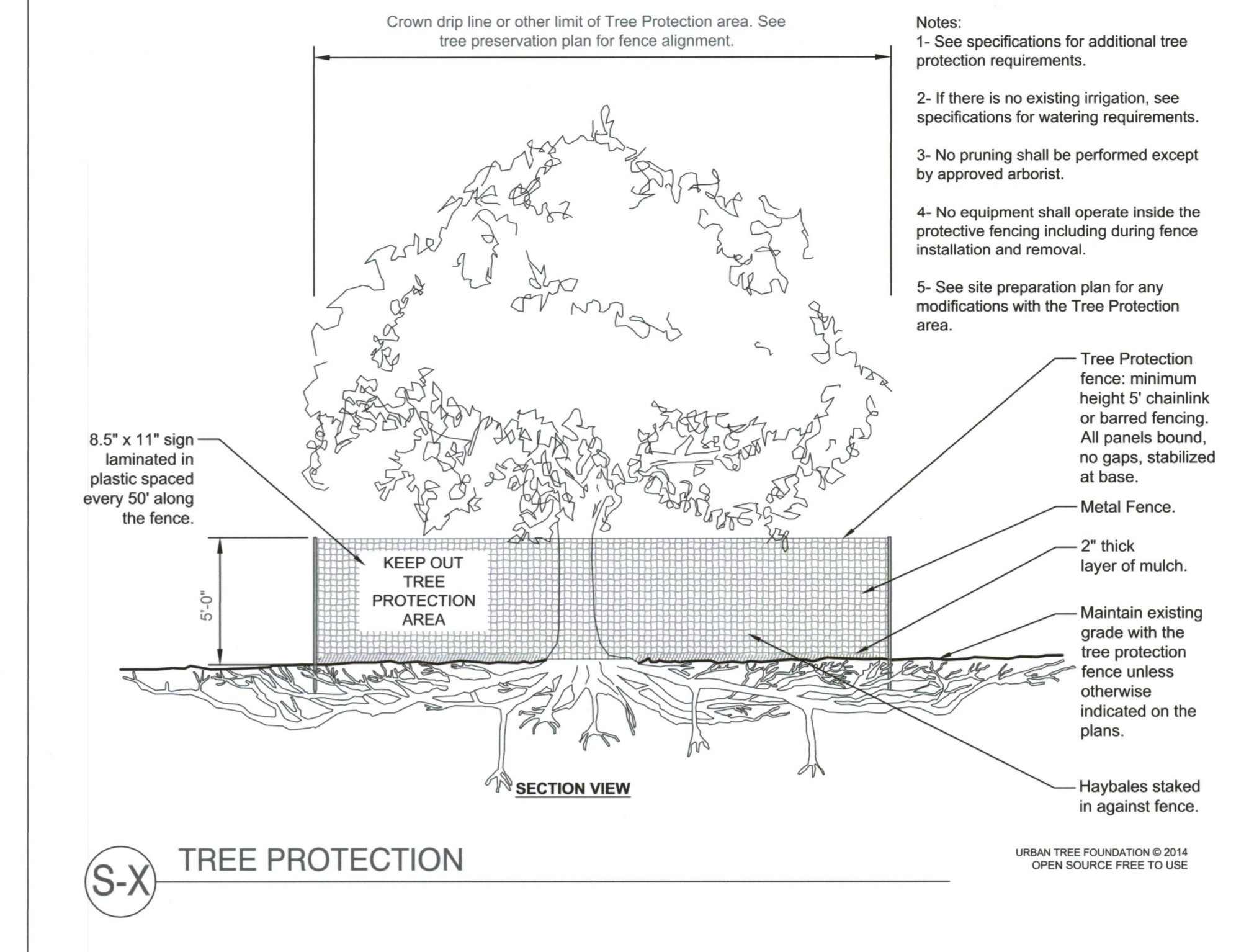
16

EROSION AND SEDIMENT CONTROL

TYPE B COMPOST FILTER SOCK



*HEIGHT IS TO BE SHOWN ON THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN
 Figure 6-27.3
 6-143



S-X TREE PROTECTION

- Notes:
- 1- See specifications for additional tree protection requirements.
 - 2- If there is no existing irrigation, see specifications for watering requirements.
 - 3- No pruning shall be performed except by approved arborist.
 - 4- No equipment shall operate inside the protective fencing including during fence installation and removal.
 - 5- See site preparation plan for any modifications with the Tree Protection area.

- Tree Protection fence: minimum height 5' chainlink or barred fencing. All panels bound, no gaps, stabilized at base.
- Metal Fence.
- 2" thick layer of mulch.
- Maintain existing grade with the tree protection fence unless otherwise indicated on the plans.
- Haybales staked in against fence.

URBAN TREE FOUNDATION © 2014
 OPEN SOURCE FREE TO USE

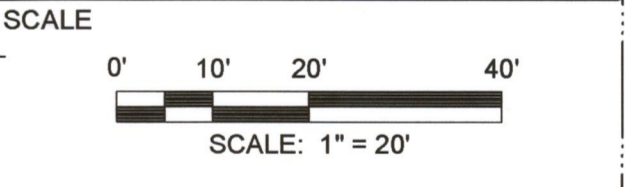
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MURPHEY CANDLER PARK DAM CMP
 SPILLWAY AND RISER REPAIR
 CITY OF BROOKHAVEN
 DEPARTMENT OF PUBLIC WORKS



COUNTY APPROVAL

APPROVED
 STATE OF GEORGIA
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2	100 PERCENT SUBMITTAL	12/17/2021
1	90 PERCENT SUBMITTAL	11/24/2021

REVISIONS
 DRAWN BY _____ DT
 APPROVED BY _____ SF
 CHECKED BY _____ MH
 DATE _____ 02/15/2024

TITLE

DETAILS

PROJECT NO. _____

CU-501

SHEET NO.

Topsailing (Tp)

DEFINITION
 Stripping off the more fertile top soil, storing it, then spreading it over the disturbed area after completion of construction activities.

PURPOSE
 To provide a suitable soil medium for vegetative growth on areas where other measures will not produce or maintain a desirable stand.

CONDITIONS
 This practice is recommended for sites of 2:1 or flatter slopes where:

1. The texture of the exposed subsoil or parent material is not suitable to produce adequate vegetative growth.
2. The soil material is so shallow that the rooting zone is not deep enough to support plants with continuing supplies of moisture and food.
3. The soil to be vegetated contains material toxic to plant growth.

CONSTRUCTION SPECIFICATIONS

Materials
 Topsoil should be friable and loamy, free of debris, objectionable weeds and stones and contain no toxic substance that may be harmful to plant growth. A pH range of 5.0-7.5 is acceptable. Soluble salts should not exceed 500 ppm.

Testing
 Field exploration should be made to determine whether the quantity and quality of surface soil justifies stripping.

GSWCC 2016 Edition 6-223

Stripping
 Stripping should be confined to the immediate construction area.

A 4 to 6 inch stripping depth is common, but may vary depending on the particular soil.

Topsoil pH
 If pH value is less than 6.0, lime shall be applied and incorporated with the topsoil to adjust the pH to 6.5 or higher. Topsoils containing soluble salts greater than 500 parts per million shall not be used.

Stockpiles
 The location of topsoil stockpiles should not obstruct natural drainage or cause off-site environmental damage.

Stabilization
 Stockpiles shall be contained by sediment barriers to prevent sedimentation on adjacent areas. Stockpiles shall be stabilized in accordance with specifications Ds1 and Ds2 - Disturbed Area Stabilization (With Mulching) and (With Temporary Grassing), respectively, or Tackifiers.

Site Preparation (Where topsoil is to be added)

Topsailing - When topsailing, maintain needed erosion control practices such as diversions, grade stabilization structures, berms, dikes, level spreaders, waterways, sediment basins, etc.

Grading - Grades on the areas to be topped that have been previously established shall be maintained.

Liming - Soil tests should be used to determine the pH of the soil. Where the pH of the subsoil is 5.0 or less or composed of heavy clays, agricultural limestone shall be spread at the rate of 100 pounds per 1,000 square feet. Lime shall be distributed uniformly over designated areas and worked into the soil in conjunction with tillage operations as described in the following procedure.

Bonding - Use one of the following methods to insure bonding of topsoil and subsoil:

1. Tilling. After the areas to be topped have

been brought to grade, and immediately prior to dumping and spreading the topsoil, the subgrade shall be loosened by discing or scarifying to a depth of at least 3 inches to permit bonding of the topsoil to the subsoil.

2. Tracking. Passing a bulldozer over the entire surface area of the slope to leave horizontal depressions.

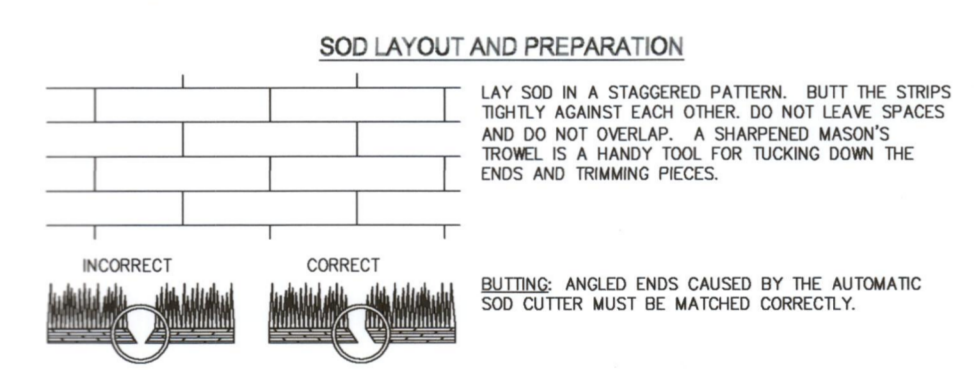
Applying Topsoil
 1. Topsoil should be handled only when it is dry enough to work without damaging soil structure.

2. A uniform application of 5 inches (unsettled) is recommended, but may be adjusted at the discretion of the design professional.

Table 6-37.1. Cubic Yards Of Topsoil Required For Application To Various Depths

Depth (Inches)	Per 1,000 Square Feet	Per Acre
1	3.1	134
2	6.2	268
3	9.3	403
4	12.4	537
5	15.5	672
6	18.6	806

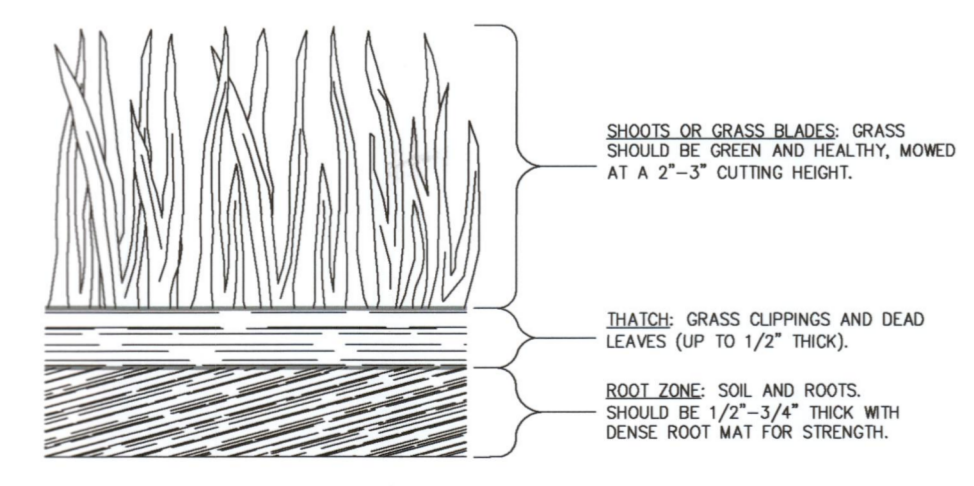
SOD MAINTENANCE AND INSTALLATION



DIRECTIONS FOR INITIAL MAINTENANCE

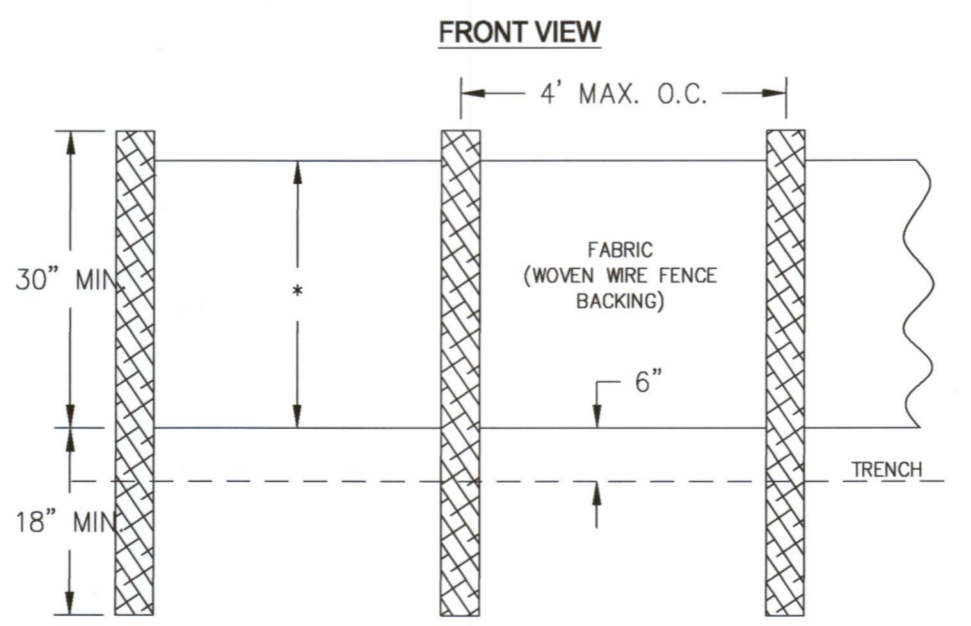
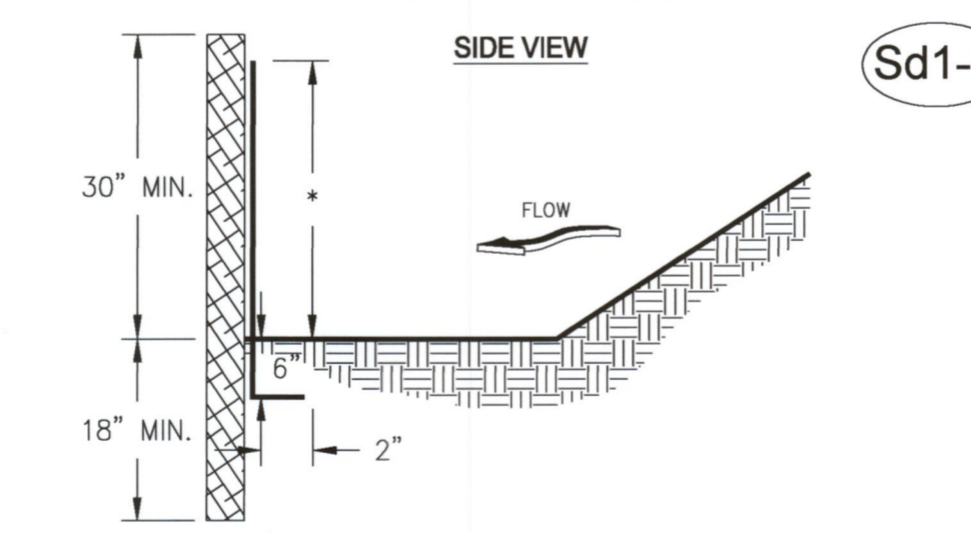
- Step 1. ROLL SOD IMMEDIATELY TO ACHIEVE FIRM CONTACT WITH THE SOIL
- Step 2. WATER TO A DEPTH OF 4" AS NEEDED. WATER WELL AS SOON AS THE SOD IS LAID.
- Step 3. NOW WHEN THE SOD IS ESTABLISHED --- IN 2-3 WEEKS, SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD



Ds4

SILT FENCE - TYPE SENSITIVE (Sd1-S)



NOTES:
 1. USE STEEL POSTS WITH WIRE REINFORCEMENT OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
 2. HEIGHT (*) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

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MURPHEY CANDLER PARK DAM CMP SPILLWAY AND RISER REPAIR CITY OF BROOKHAVEN DEPARTMENT OF PUBLIC WORKS

Table with columns: SPECIES, BROADCAST PER ACRE, BROADCAST PER 1000 SF, RESOURCE AREA, PLANTING DATES (J, F, M, A, M, J, J, A, S, O, N, D), REMARKS. Rows include BARLEY, MILLET, BROWN TOP, RYE, and RYEGRASS, ANNUAL.

M-L REPRESENTS TO MOUNTAIN; BLUE RIDGE; AND RIDGES AND VALLEYS MLRA'S P REPRESENTS THE PIEDMONT C REPRESENTS THE SOUTHERN COASTAL PLAIN; SAND HILLS; AND ATLANTIC COAST. FLATWOOS MLRA'S

DISTURBED AREA STABILIZATION (TEMP) SCALE:NTS E42

Ds2

Table with columns: TYPE OF SPECIES, YEAR, ANALYSIS OR EQUIVALENT N-P-K, RATE, N TOP DRESSING RATE. Rows include COOL SEASON GRASSES, WARM SEASON GRASSES, and SHRUBS.

MULCHING RATES: 1. DRY STRAW: 2 TONS PER ACRE. 2. DRY HAY: 2-1/2 TONS PER ACRE. 3. FOR HYDRAULIC SEEDING USE WOOD CELLULOSE MULCH OR WOOD PULP FIBER AT THE RATE OF 500 POUNDS PER ACRE. 1/ APPLY IN SPRING FOLLOWING SEEDING. 2/ APPLY IN SPLIT APPLICATIONS WHEN HIGH RATES ARE USED. 3/ APPLY IN 3 SPLIT APPLICATIONS. 4/ APPLY WHEN PLANTS ARE PRUNED. 5/ APPLY TO GRASS SPECIES ONLY. 6/ APPLY WHEN PLANTS GROW TO A HEIGHT OF 2 TO 4 INCHES.

FERTILIZER AND MULCHING REQUIREMENTS SCALE:NTS E41

Ds1

Topsoiling Tp

DEFINITION Stripping off the more fertile top soil, storing it, then spreading it over the disturbed area after completion of construction activities.

PURPOSE To provide a suitable soil medium for vegetative growth on areas where other measures will not produce or maintain a desirable stand.

CONDITIONS This practice is recommended for sites of 2:1 or flatter slopes where:

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Table 6-37.1. Cubic Yards Of Topsoil Required For Application To Various Depths

Table with columns: Depth (Inches), Per 1,000 Square Feet, Per Acre. Rows for depths 1, 2, 3, 4, 5, 6 inches.

GSWCC 2016 Edition

6-223



SEAL



COUNTY APPROVAL

APPROVED STATE OF GEORGIA DEPT OF NATURAL RESOURCES APR 23 2024 Environmental Protection Division Safe Dams Program

SCALE

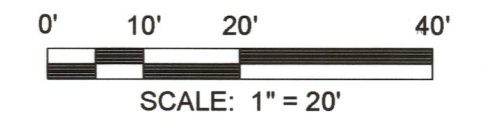


Table with columns: NO., DESCRIPTION, DATE. Lists revisions from 1 to 10.

REVISIONS

DRAWN BY DT APPROVED BY SF CHECKED BY MH DATE 02/15/2024

TITLE

DETAILS

PROJECT NO.

CU-502

SHEET NO.

E

D

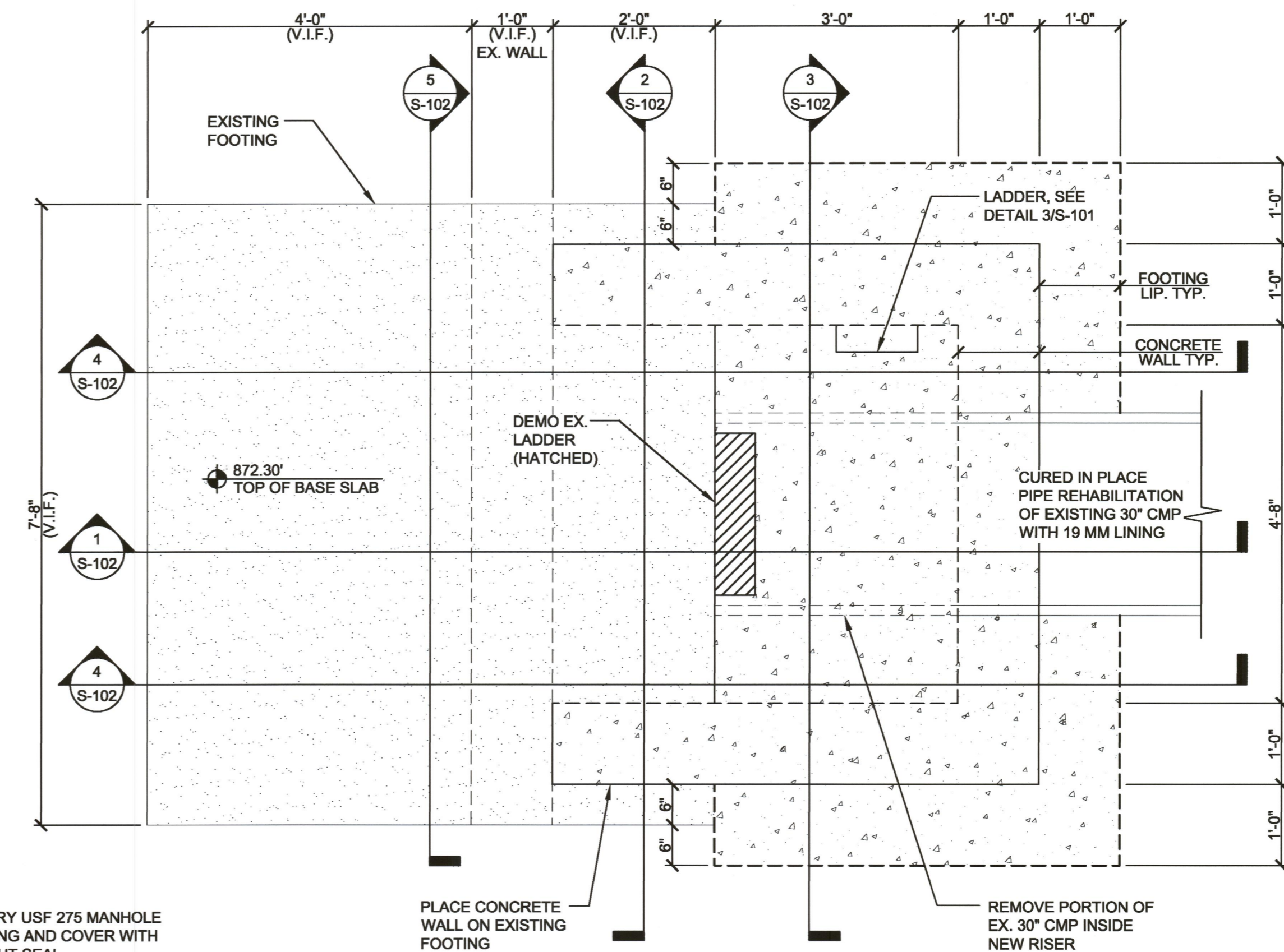
C

B

A

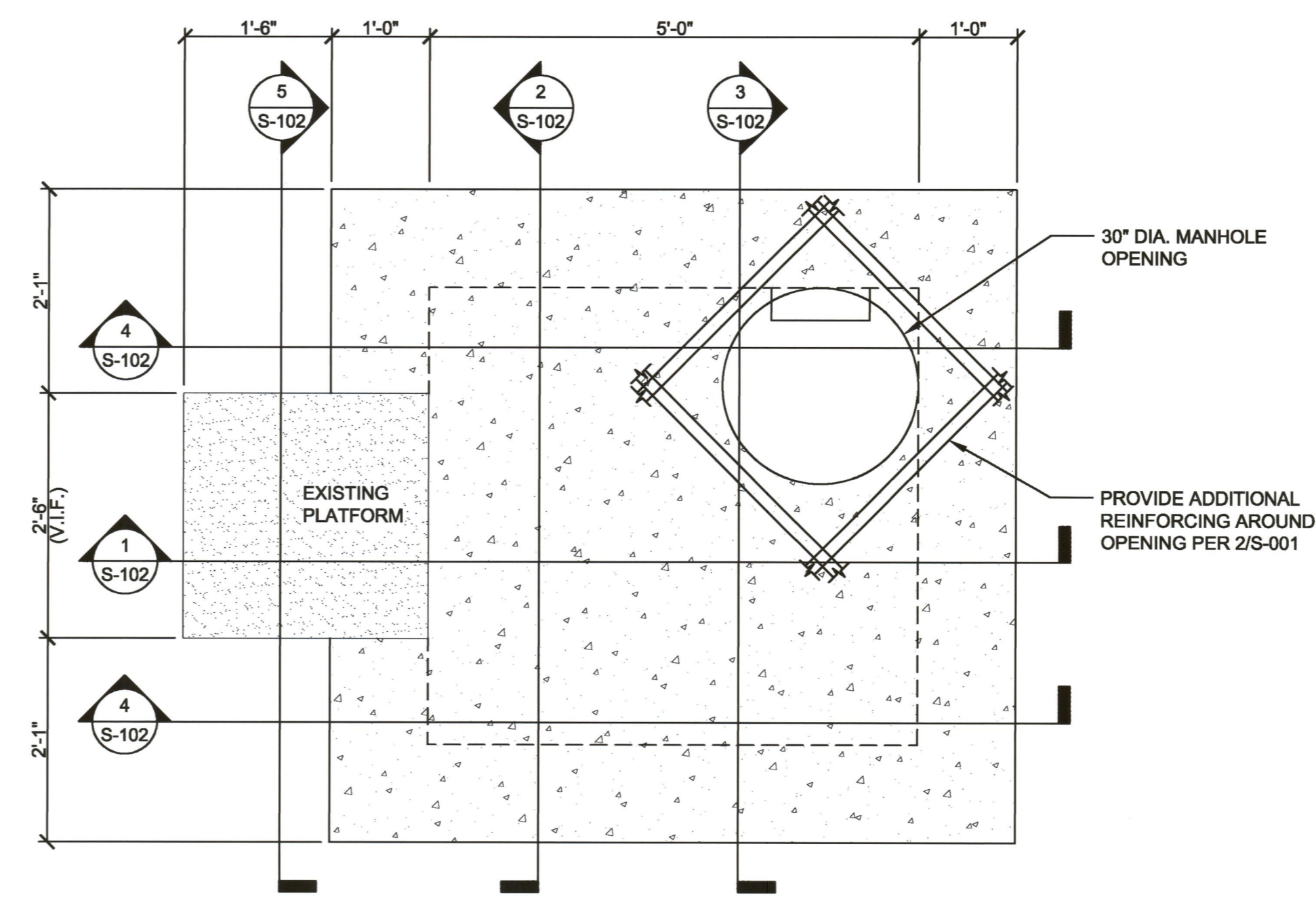
PROPOSED RISER CONSTRUCTION SEQUENCE:

1. CONTRACTOR SHALL SUBMIT A CONSTRUCTION SEQUENCE AND ANY PROPOSED DEVIATIONS FROM THE DESIGN METHODOLOGY.
2. CONTRACTOR SHALL SUBMIT A TRENCH EXCAVATION AND DEWATERING PLAN TO DEWBERRY FOR REVIEW PRIOR TO THE START OF EXCAVATION.
3. EXCAVATE, DEWATER, AND SHORE FOR THE RISER CONSTRUCTION. SHORE THE UNDERSIDE OF THE EXISTING CMP AS REQUIRED DURING TRENCHING.
4. CAST BASE SLAB WHILE EXISTING CMP IS STILL IN PLACE OR OTHER TEMPORARY WATER DIVERSION MEASURES ARE IN PLACE.
5. CAST THE NEW WALLS AROUND THE EXISTING CMP. TEMPORARILY SHORE THE CMP AND EXISTING CONCRETE WALL AS REQUIRED DURING THE CONCRETE POUR. BACKFILL WALL SECTIONS NO HIGHER THAN 5' BELOW TOP OF WALL.
6. REMOVE PORTION OF CMP INSIDE THE NEW RISER STRUCTURE.
7. CAST THE TOP SLAB.
8. REMOVE AND REPLACE EXISTING HOIST, STEM GUIDES, AND LADDER.

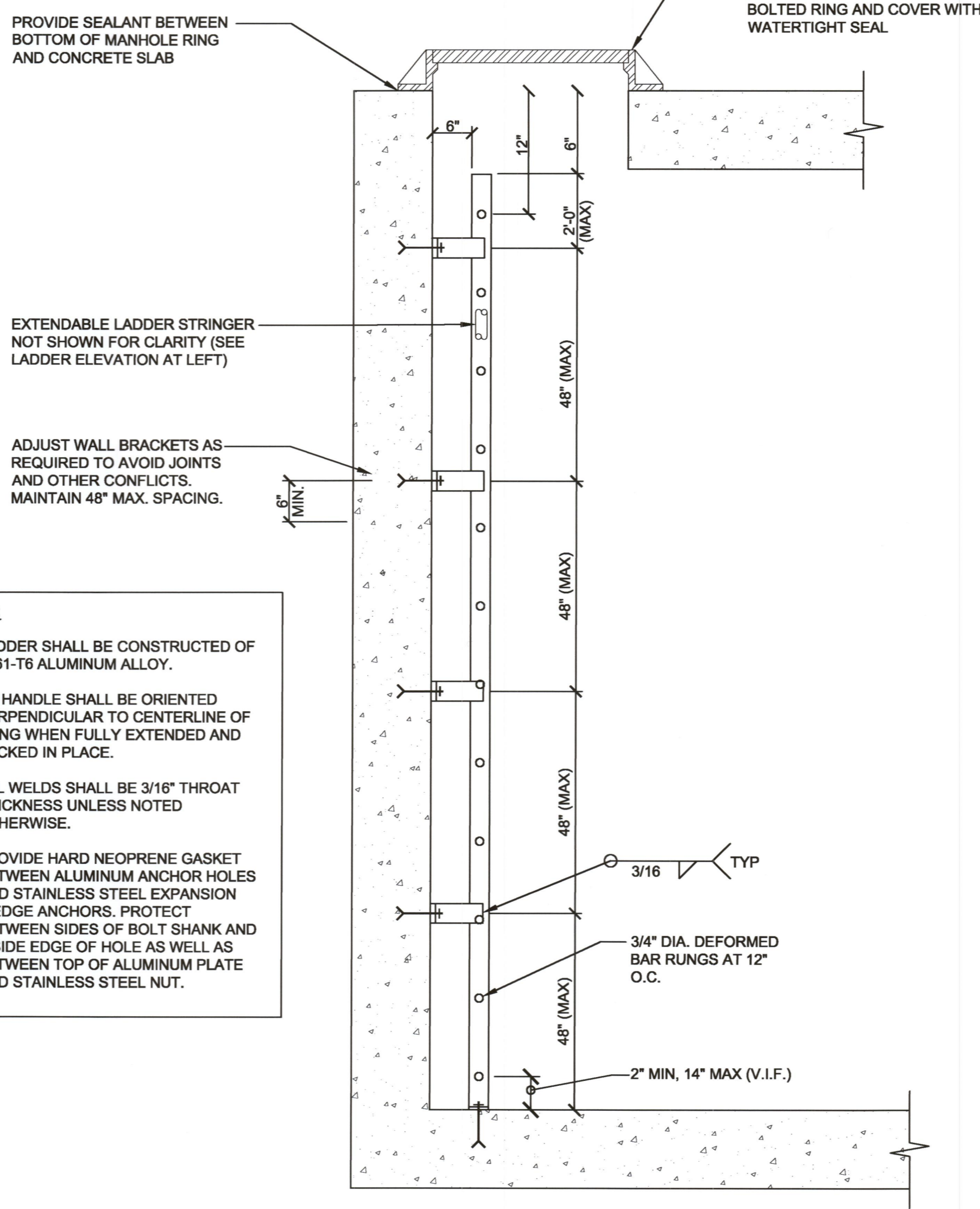


2 RISER BASE SLAB PLAN
 S-101 SCALE: 3/4" = 1'-0"

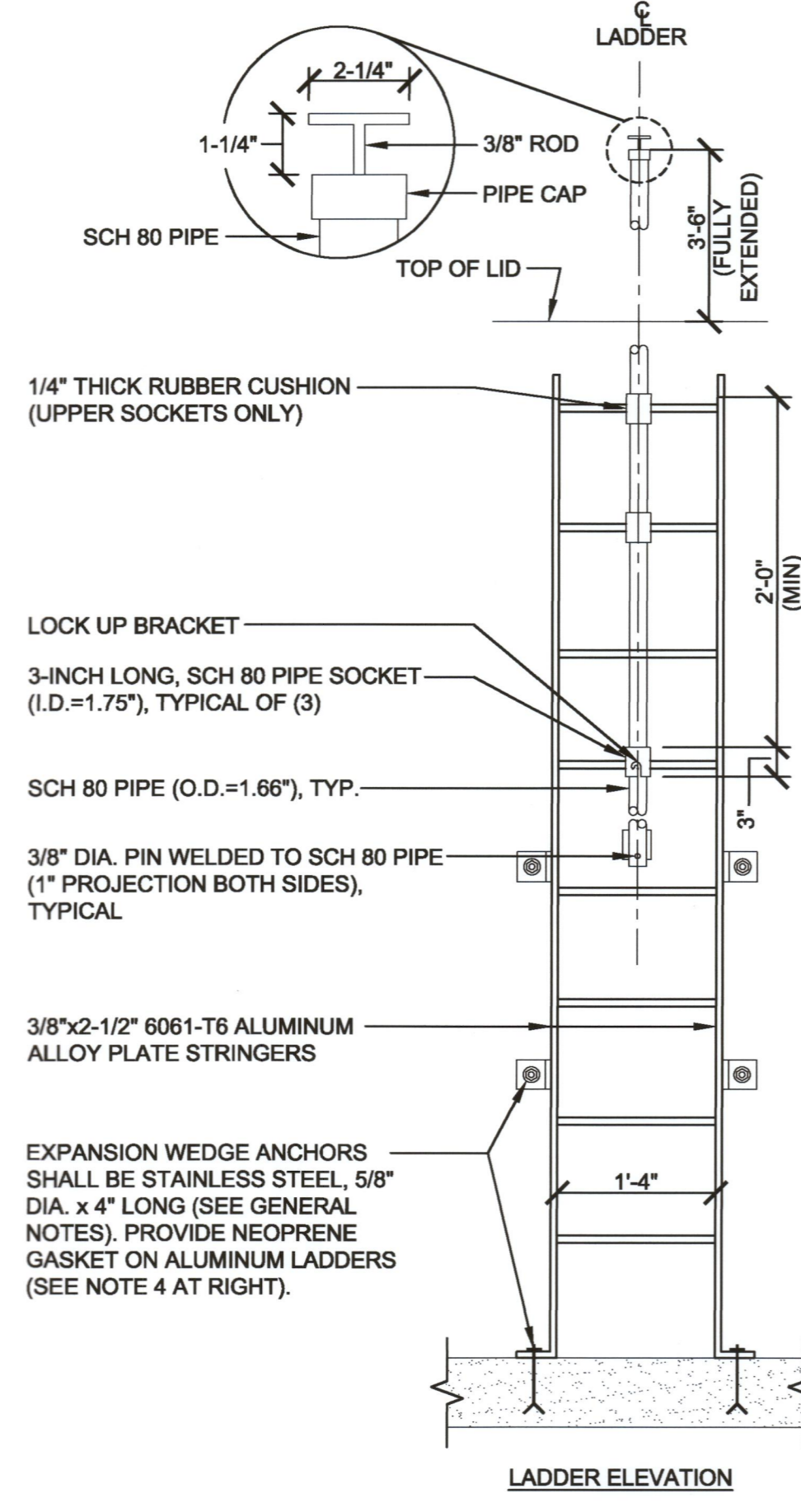
- LOW-LEVEL DRAIN ACCESS RISER PLANS NOTES:**
1. SEE SHEET S-001 FOR GENERAL STRUCTURAL NOTES.
 2. SEE DETAIL 2/S-001 FOR ADDITIONAL REINFORCING REQUIRED AT OPENINGS IN WALLS AND SLABS, U.N.O.
 3. SEE DETAIL 1/S-001 FOR ADDITIONAL REINFORCING REQUIRED AT CORNERS.
 4. PLANS NOT INTENDED TO FULLY DESCRIBE STRUCTURAL REINFORCING. SEE SECTIONS FOR ITEMS NOT SHOWN.
 5. UNLESS OTHERWISE NOTED, FINISHED BOTTOM SLAB ELEVATION IS 872.30 TO MATCH EXISTING BASE SLAB.
 6. EXTEND ALL DIAGONAL BARS SHOWN WITH BREAKLINE FULL LENGTH OF TOP SLAB.



1 RISER TOP SLAB PLAN
 S-101 SCALE: 3/4" = 1'-0"



3 LADDER DETAIL
 S-101 SCALE: 3/4" = 1'-0"



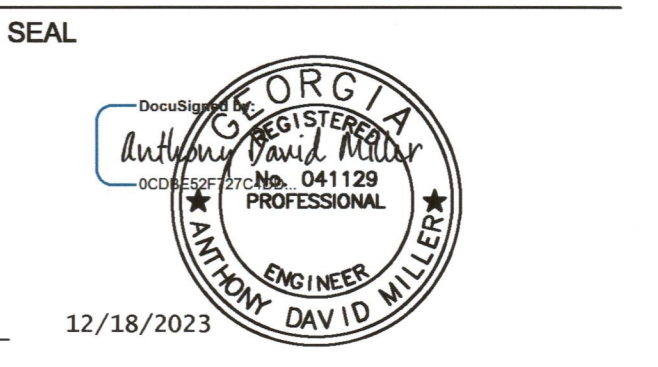
- NOTES:**
1. LADDER SHALL BE CONSTRUCTED OF 6061-T6 ALUMINUM ALLOY.
 2. "T" HANDLE SHALL BE ORIENTED PERPENDICULAR TO CENTERLINE OF RUNG WHEN FULLY EXTENDED AND LOCKED IN PLACE.
 3. ALL WELDS SHALL BE 3/16" THROAT THICKNESS UNLESS NOTED OTHERWISE.
 4. PROVIDE HARD NEOPRENE GASKET BETWEEN ALUMINUM ANCHOR HOLES AND STAINLESS STEEL EXPANSION WEDGE ANCHORS. PROTECT BETWEEN SIDES OF BOLT SHANK AND INSIDE EDGE OF HOLE AS WELL AS BETWEEN TOP OF ALUMINUM PLATE AND STAINLESS STEEL NUT.



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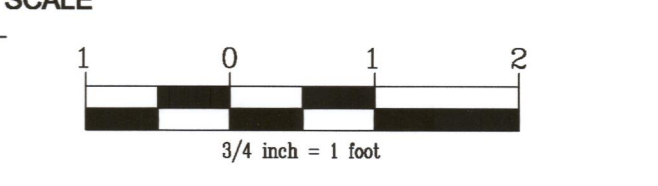
**MURPHY CANDLEY PARK DAM
 CMP SPILLWAY REPAIR**

CITY OF BROOKHAVEN
 DEPARTMENT OF PUBLIC WORKS



COUNTY APPROVAL

APPROVED
 STATE OF GEORGIA
 DEPT. OF NATURAL RESOURCES
 APR 23 2024
 Environmental Protection Division
 Safe Dams Program



NO.	DESCRIPTION	DATE

REVISIONS

DRAWN BY _____ ASY
 APPROVED BY _____ ADM
 CHECKED BY _____ ACH
 DATE _____ 12/18/2023

**LOW-LEVEL DRAIN
 ACCESS RISER
 TOP AND BASE
 SLAB PLANS**

PROJECT NO. 50146389



S-101

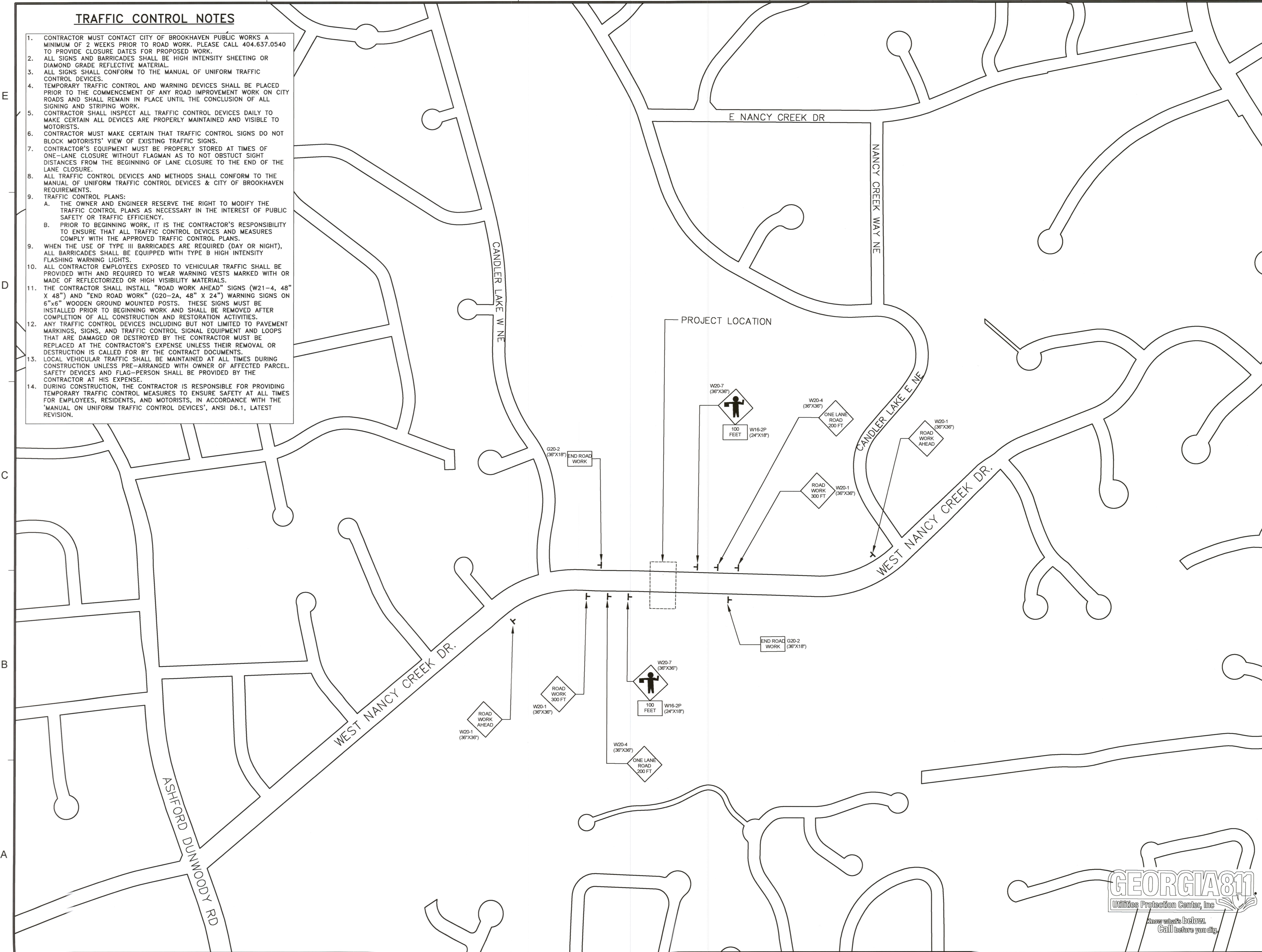
SHEET NO.

TRAFFIC CONTROL NOTES

1. CONTRACTOR MUST CONTACT CITY OF BROOKHAVEN PUBLIC WORKS A MINIMUM OF 2 WEEKS PRIOR TO ROAD WORK. PLEASE CALL 404.637.0540 TO PROVIDE CLOSURE DATES FOR PROPOSED WORK.
2. ALL SIGNS AND BARRICADES SHALL BE HIGH INTENSITY SHEETING OR DIAMOND GRADE REFLECTIVE MATERIAL.
3. ALL SIGNS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
4. TEMPORARY TRAFFIC CONTROL AND WARNING DEVICES SHALL BE PLACED PRIOR TO THE COMMENCEMENT OF ANY ROAD IMPROVEMENT WORK ON CITY ROADS AND SHALL REMAIN IN PLACE UNTIL THE CONCLUSION OF ALL SIGNING AND STRIPING WORK.
5. CONTRACTOR SHALL INSPECT ALL TRAFFIC CONTROL DEVICES DAILY TO MAKE CERTAIN ALL DEVICES ARE PROPERLY MAINTAINED AND VISIBLE TO MOTORISTS.
6. CONTRACTOR MUST MAKE CERTAIN THAT TRAFFIC CONTROL SIGNS DO NOT BLOCK MOTORISTS' VIEW OF EXISTING TRAFFIC SIGNS.
7. CONTRACTOR'S EQUIPMENT MUST BE PROPERLY STORED AT TIMES OF ONE-LANE CLOSURE WITHOUT FLAGMAN AS TO NOT OBSTRUCT SIGHT DISTANCES FROM THE BEGINNING OF LANE CLOSURE TO THE END OF THE LANE CLOSURE.
8. ALL TRAFFIC CONTROL DEVICES AND METHODS SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES & CITY OF BROOKHAVEN REQUIREMENTS.
9. TRAFFIC CONTROL PLANS:
 - A. THE OWNER AND ENGINEER RESERVE THE RIGHT TO MODIFY THE TRAFFIC CONTROL PLANS AS NECESSARY IN THE INTEREST OF PUBLIC SAFETY OR TRAFFIC EFFICIENCY.
 - B. PRIOR TO BEGINNING WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT ALL TRAFFIC CONTROL DEVICES AND MEASURES COMPLY WITH THE APPROVED TRAFFIC CONTROL PLANS.
9. WHEN THE USE OF TYPE III BARRICADES ARE REQUIRED (DAY OR NIGHT), ALL BARRICADES SHALL BE EQUIPPED WITH TYPE B HIGH INTENSITY FLASHING WARNING LIGHTS.
10. ALL CONTRACTOR EMPLOYEES EXPOSED TO VEHICULAR TRAFFIC SHALL BE PROVIDED WITH AND REQUIRED TO WEAR WARNING VESTS MARKED WITH OR MADE OF REFLECTORIZED OR HIGH VISIBILITY MATERIALS.
11. THE CONTRACTOR SHALL INSTALL "ROAD WORK AHEAD" SIGNS (W21-4, 48" X 48") AND "END ROAD WORK" (G20-2A, 48" X 24") WARNING SIGNS ON 6"x6" WOODEN GROUND MOUNTED POSTS. THESE SIGNS MUST BE INSTALLED PRIOR TO BEGINNING WORK AND SHALL BE REMOVED AFTER COMPLETION OF ALL CONSTRUCTION AND RESTORATION ACTIVITIES.
12. ANY TRAFFIC CONTROL DEVICES INCLUDING BUT NOT LIMITED TO PAVEMENT MARKINGS, SIGNS, AND TRAFFIC CONTROL SIGNAL EQUIPMENT AND LOOPS THAT ARE DAMAGED OR DESTROYED BY THE CONTRACTOR MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE UNLESS THEIR REMOVAL OR DESTRUCTION IS CALLED FOR BY THE CONTRACT DOCUMENTS.
13. LOCAL VEHICULAR TRAFFIC SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION UNLESS PRE-ARRANGED WITH OWNER OF AFFECTED PARCEL. SAFETY DEVICES AND FLAG-PERSON SHALL BE PROVIDED BY THE CONTRACTOR AT HIS EXPENSE.
14. DURING CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING TEMPORARY TRAFFIC CONTROL MEASURES TO ENSURE SAFETY AT ALL TIMES FOR EMPLOYEES, RESIDENTS, AND MOTORISTS, IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", ANSI D6.1, LATEST REVISION.

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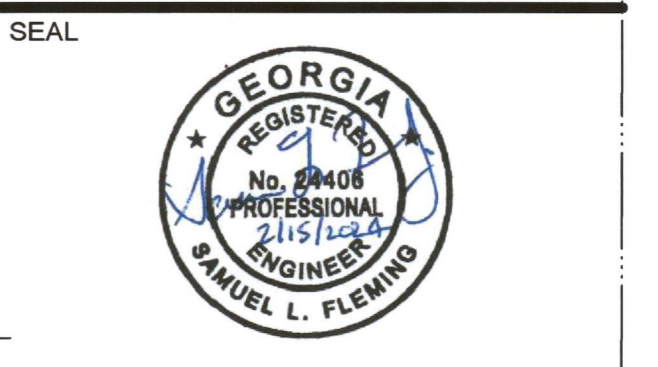
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Expires 6/30/2022

**MURPHEY CANDLER PARK DAM CMP
SPILLWAY AND RISER REPAIR**

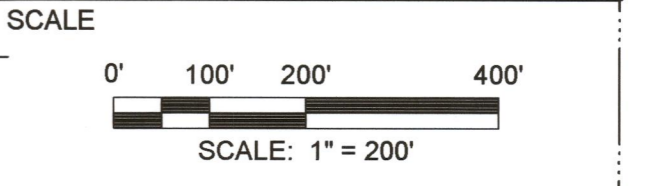
CITY OF BROOKHAVEN
DEPARTMENT OF PUBLIC WORKS



COUNTY APPROVAL

APPROVED
STATE OF GEORGIA
DEPT OF NATURAL RESOURCES

APR 23 2024
Environmental Protection Division
Safe Dams Program



NO.	DESCRIPTION	DATE
10	GASDP REVISIONS v4	02/15/2024
9	GASDP REVISIONS v3	12/18/2023
8	UPDATED LIMITS OF DISTUR	9/13/2023
7	RISER MODIFICATIONS V2	8/28/2023
6	RISER MODIFICATIONS	7/11/2023
5	BROOKHAVEN REVISIONS	6/24/2022
4	GASDP REVISIONS v2	4/7/2022
3	GASDP REVIEW REVISIONS	2/16/2022
2	100 PERCENT SUBMITTAL	12/17/2021
1	90 PERCENT SUBMITTAL	11/24/2021

REVISIONS

DRAWN BY _____ DT

APPROVED BY _____ SF

CHECKED BY _____ MH

DATE _____ 02/15/2024

TITLE

**OVERALL
TRAFFIC
CONTROL PLAN**

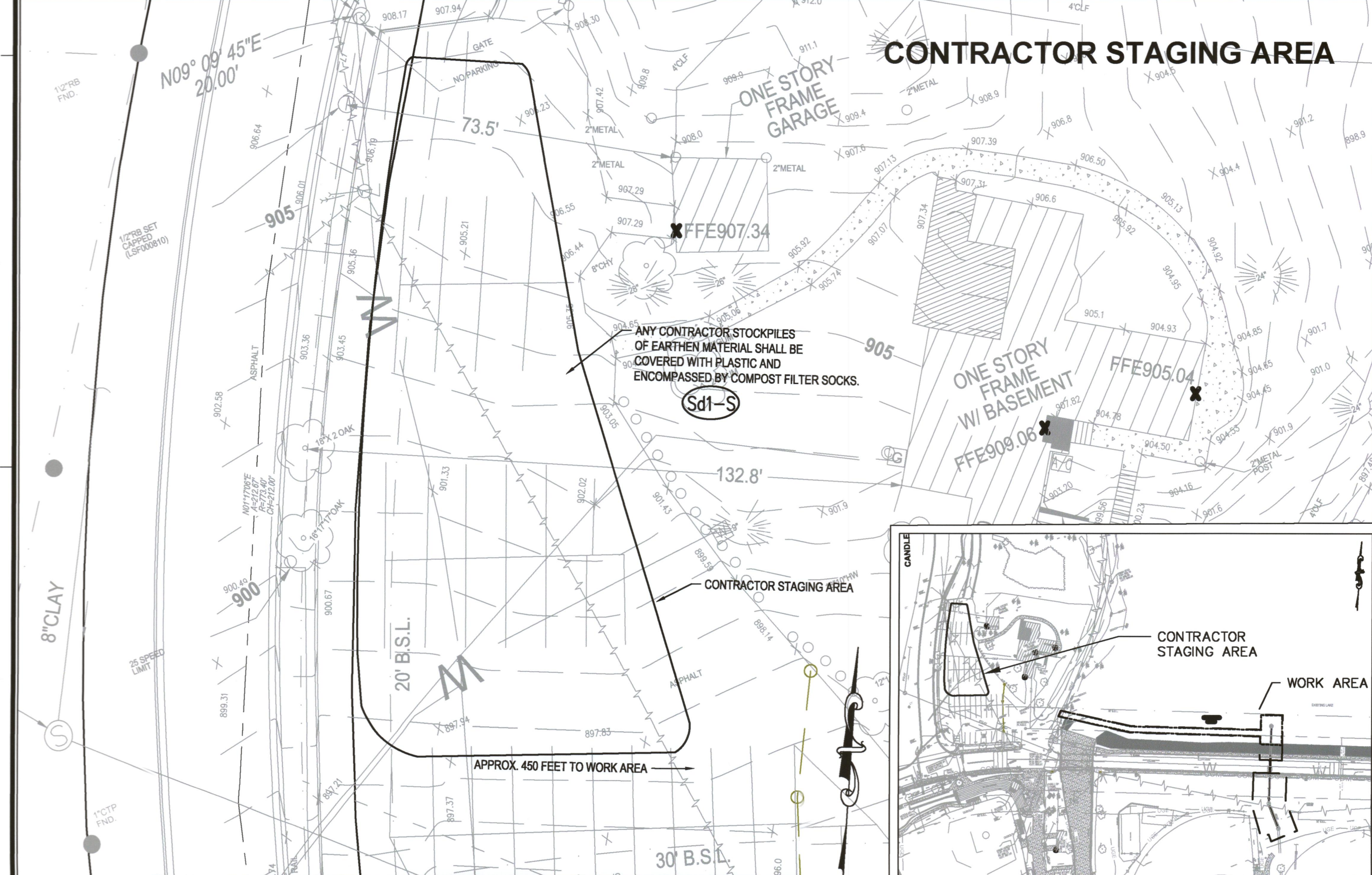
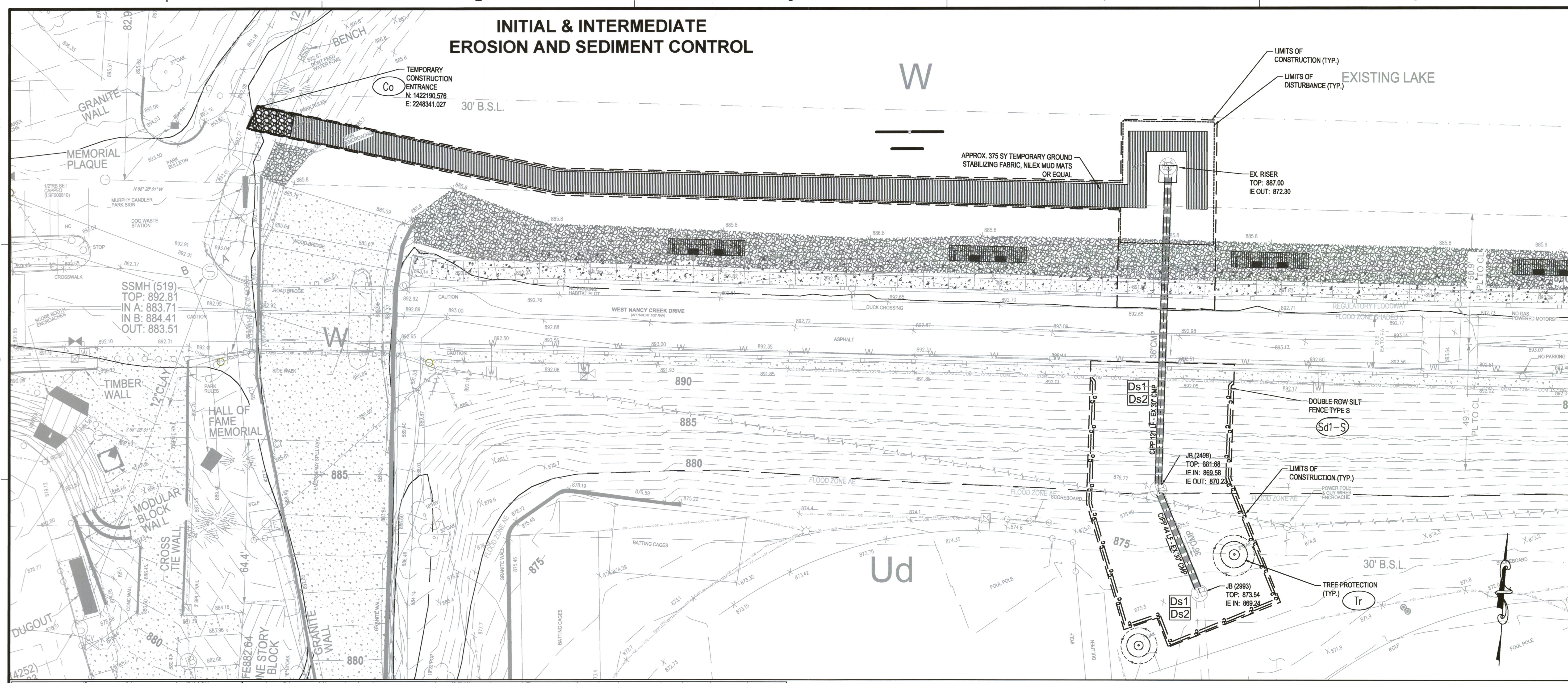
PROJECT NO. _____

CD-101

SHEET NO. _____



INITIAL & INTERMEDIATE EROSION AND SEDIMENT CONTROL



STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ⓣp	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ⓣs4	DISTURBED AREA STABILIZATION (SODDING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ⓣs1-S	SEDIMENT BARRIER-SILT FENCE			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Ⓣr	TREE PROTECTION			To protect desirable trees from injury during construction activity.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ⓣs1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
Ⓣs2	DISTURBED AREA STABILIZATION (WITH TEMP. SEEDING)			Establishing a temporary vegetative cover with fast growing seedlings on disturbed areas.

24 HOUR EMERGENCY CONTACT:
TOM ROBERTS
 4362 PEACHTREE ROAD
 BROOKHAVEN, GA 30319
 404-906-2747

ENGINEER:
SAM FLEMING, PE
DEWBERRY
 2835 BRANDYWINE ROAD
 SUITE 100
 ATLANTA, GA 30341-4015
 678.537.8627
 678.530.0040 FAX

OWNER/PRIMARY PERMITTEE:
CITY OF BROOKHAVEN PUBLIC WORKS
 4362 PEACHTREE ROAD
 BROOKHAVEN, GA 30319
 CONTACT: TOM ROBERTS
 TOM.ROBERTS@BROOKHAVENGA.GOV
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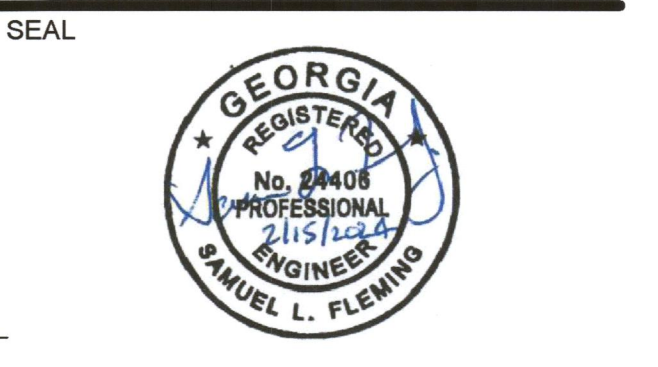
Samuel L. Fleming
 SAMUEL L. FLEMING, PE
 LEVEL II CERTIFIED DESIGN PROFESSIONAL
 GSWCC CERTIFICATION NO. 22173
 EXPIRES 11/09/2024



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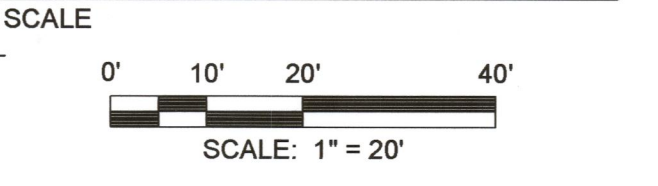
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 APPROVED BY _____ SF
 CHECKED BY _____ MH
 DATE _____ 02/15/2024

TITLE
**EROSION &
 SEDIMENT CONTROL
 - INITIAL/
 INTERMEDIATE**

PROJECT NO. _____

EC-101

SHEET NO. _____

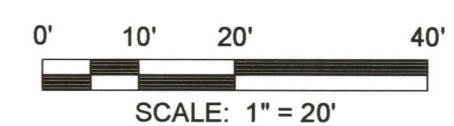
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COUNTY APPROVAL

APPROVED
STATE OF GEORGIA
DEPT OF NATURAL RESOURCES
APR 23 2024
Environmental Protection Division
Safe Dams Program

SCALE



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REVISIONS

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TITLE

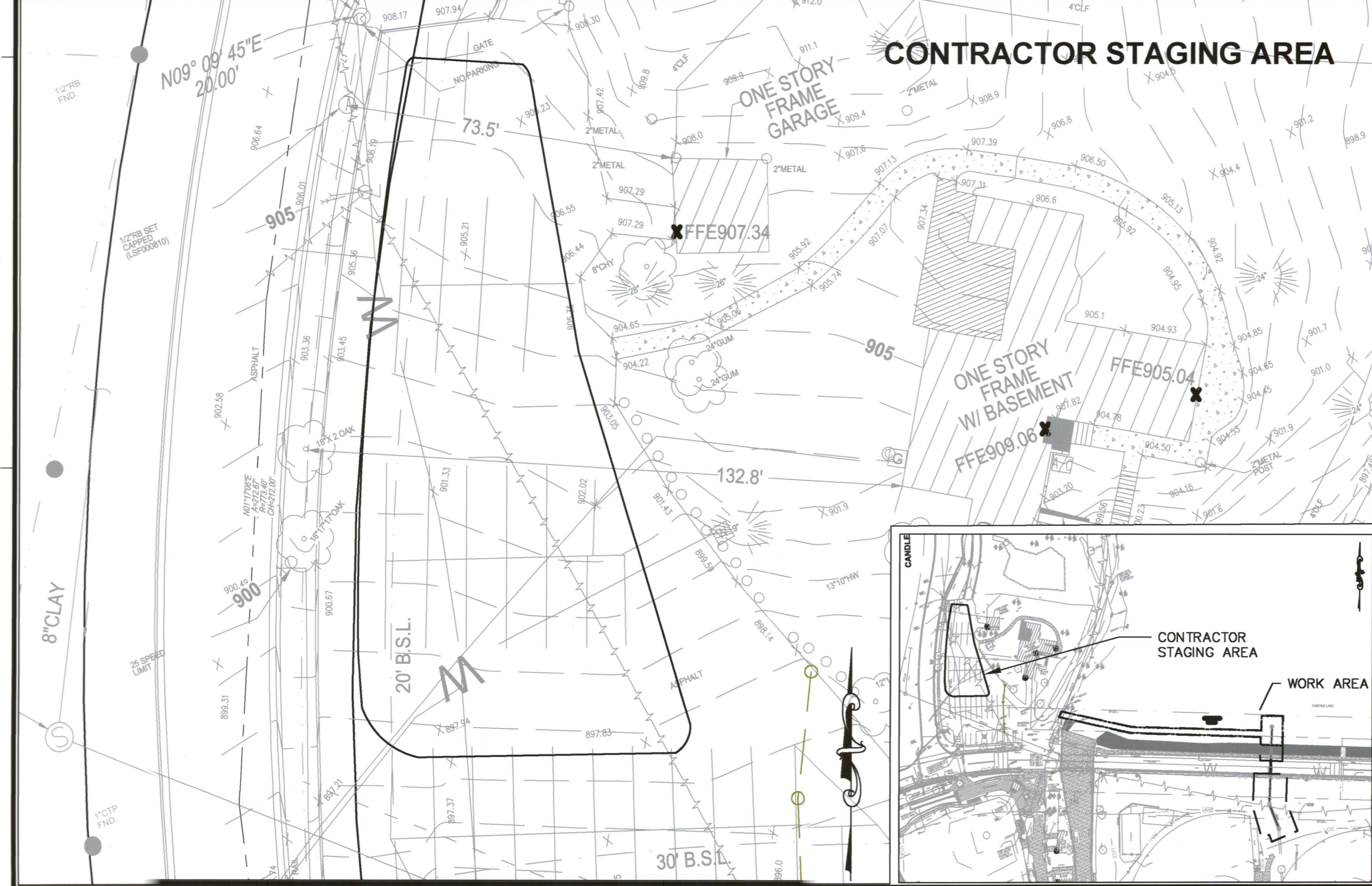
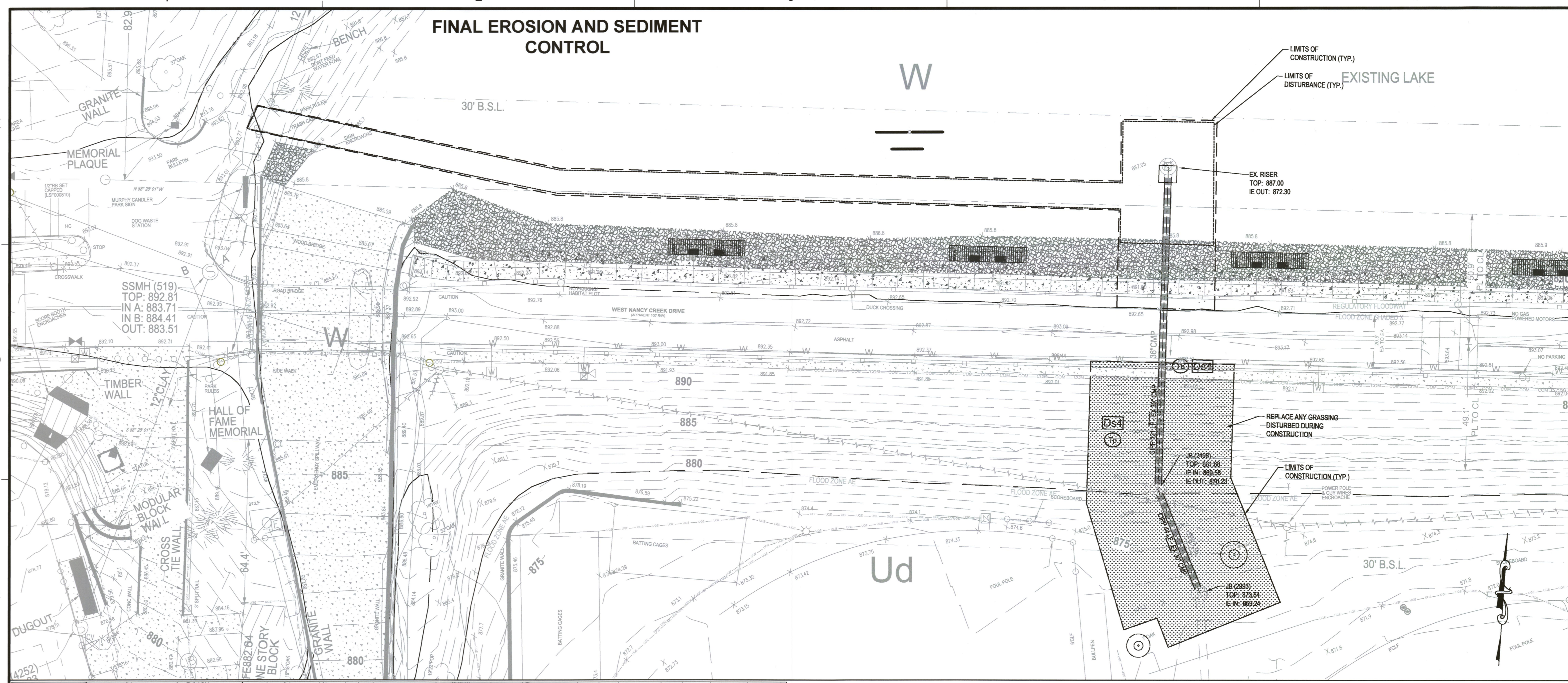
EROSION & SEDIMENT CONTROL - FINAL

PROJECT NO.

EC-102

SHEET NO.

FINAL EROSION AND SEDIMENT CONTROL



STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
TP	TOPSOILING			The practice of stripping off the more fertile soil, storing it, then spreading it over the disturbed area after completion of construction activities.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds4	DISTURBED AREA STABILIZATION (SODDING)			A permanent vegetative cover using sods on highly erodible or critically eroded lands.

STRUCTURAL PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Sd1-S	SEDIMENT BARRIER-SILT FENCE			A barrier to prevent sediment from leaving the construction site. It may be sandbags, bales of straw or hay, brush, logs and poles, gravel, or a silt fence.
Tr	TREE PROTECTION			To protect desirable trees from injury during construction activity.

VEGETATIVE PRACTICES

CODE	PRACTICE	DETAIL	MAP SYMBOL	DESCRIPTION
Ds1	DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)			Establishing temporary protection for disturbed areas where seedlings may not have a suitable growing season to produce an erosion retarding cover.
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