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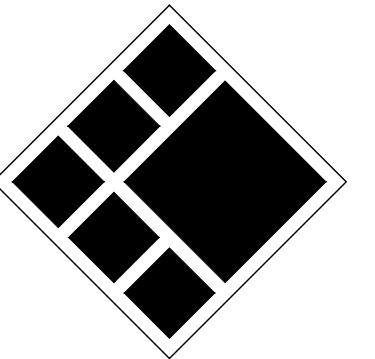
# ROCKDALE COUNTY FIRE TRAINING CAMPUS

## 3111 SW HIGHWAY 212 CONYERS, GEORGIA 30012

PREPARED FOR:  
**ROCKDALE COUNTY GOVERNMENT**  
958 MILSTEAD AVE NE, CONYERS, GA 30012



208 Pirkle Ferry Road, Suite C  
Cumming, GA 30004

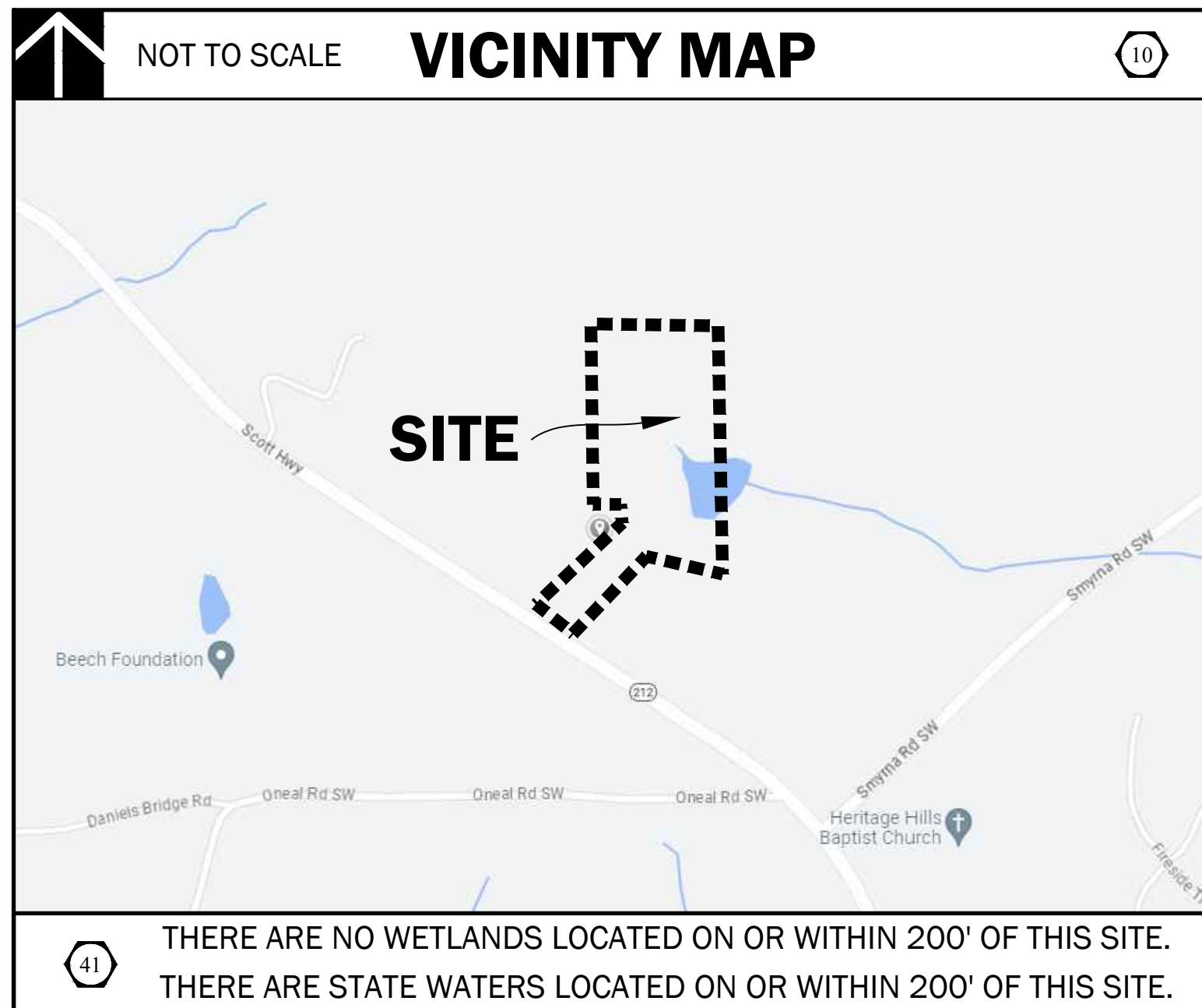


**BREEDLOVE LAND PLANNING**  
Landscape Architects • Civil Engineers  
15 Simpson Street, NW, Atlanta, GA 30308  
P: 770-483-1173 • www.landplanning.net

BLP PROJ. NO. 22158



### PROJECT INFORMATION



#### PROJECT CONTACTS

**OWNER/PRIMARY PERMITTEE:**  
NAME: ROCKDALE COUNTY BOARD OF COMMISSIONERS  
ADDRESS: 958 MILSTEAD AVENUE SE  
CITY: ST. ZIP: CONYERS, GA 30002  
CONTACT: ANDREW HAMMER  
PHONE: 678-381-1081  
EMAIL: ANDREWHAMMER@ROCKDALECOUNTYGA.GOV

**ARCHITECT:**  
NAME: JERICHO DESIGN GROUP  
ADDRESS: 208 PIRKLE FERRY ROAD, SUITE C  
CITY: ST. ZIP: CUMMING, GA 30004  
CONTACT: DOUG SHAW  
PHONE: 770-525-1043  
EMAIL: DSHAW@JERICHO-DESIGN.COM

**SITE DESIGN:**  
NAME: BREEDLOVE LAND PLANNING, INC.  
ADDRESS: 15 SIMPSON STREET NW  
CITY: ST. ZIP: ATLANTA, GA 30308  
CONTACT: MATT TANNER, PE  
PHONE: 770-483-1173  
EMAIL: MTANNER@LANDPLANNING.NET

**SURVEYOR:**  
NAME: ROCHESTER AND ASSOCIATES, LLC  
ADDRESS: 425 OAK STREET NW  
CITY: ST. ZIP: GAINESVILLE, GA 30601  
CONTACT: AJ ALLISON  
EMAIL: AJALLISON@ROCHESTER-ASSOC.COM

#### GENERAL NOTES

1. NOTIFY ALL UTILITY PROVIDERS 24-HOURS PRIOR TO THE BEGINNING OF UTILITY DEMOLITION AND REMOVAL OR ADJUSTMENTS.
2. NOTIFY ROCKDALE COUNTY'S INSPECTOR 24 HOURS PRIOR TO BEGINNING EVERY PHASE OF DEMOLITION.
3. HIGH INTENSITY LIGHTING FACILITIES SHALL BE SO ARRANGED THAT THE SOURCE OF ANY LIGHT IS CONCEALED FROM PUBLIC VIEW AND FROM ADJACENT RESIDENTIAL PROPERTY AND DOES NOT INTERFERE WITH TRAFFIC.
4. ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
5. ACCESS TO SITE DURING CONSTRUCTION SHALL BE MAINTAINED AT ALL TIMES FOR EMERGENCY VEHICLES.
6. TEMPORARY SEDIMENT STORAGE FEATURES AND PERIMETER BMPs SHALL BE CONSTRUCTED AND FULLY OPERATIONAL PRIOR TO ANY OTHER CONSTRUCTION OR GRADING.
7. NECESSARY BARRICADES, SUFFICIENT LIGHTS, SIGNS AND OTHER TRAFFIC CONTROL METHODS AS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT CONSTRUCTION.
8. CUT AND FILL SLOPES SHALL NOT EXCEED TWO FEET (2') HORIZONTAL TO ONE FOOT (1') VERTICAL.
9. ANY DISCREPANCY FOUND BETWEEN SHEETS IN THIS SET SHALL BE REFERRED TO THE OWNERS REPRESENTATIVE AND SITE DESIGN PROFESSIONAL FOR CLARIFICATION PRIOR TO PROCEEDING WITH ANY CONSTRUCTION ACTIVITY.
10. CONTRACTOR SHALL VERIFY ALL BENCH MARKS AND EXISTING SITE CONDITIONS PRIOR TO PROCEEDING WITH DEMOLITION ACTIVITY.
11. TOPSOIL SHALL BE STRIPPED AND STOCKPILED ON-SITE. NO TOPSOIL SHALL BE REMOVED FROM SITE.
12. ALL CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE FEDERAL, STATE, COUNTY AND LOCAL CODES AND MINIMUM STANDARDS AND SPECIFICATIONS.
13. ALL NECESSARY LICENSES AND PERMITS SHALL BE OBTAINED BY THE CONTRACTOR.
14. ALL GRADES SHOWN ARE FINISHED GRADES. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND GRADES.
15. TREES TO BE SAVED SHALL BE PROTECTED BY THE CONTRACTOR.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR RELOCATING EXISTING UTILITIES IDENTIFIED ON THESE PLANS AT NO ADDITIONAL COST TO THE OWNER.
17. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE IN COMPLIANCE WITH APPLICABLE NPDES, PERMITS AND CLEAN WATER ACT REQUIREMENTS. CONTRACTOR SHALL BE RESPONSIBLE AS THE OPERATOR.
18. COMPACTION OF BACKFILL SHALL BE PER ROCKDALE COUNTY STANDARDS.
19. THERE SHALL BE NO BURIAL OF CONSTRUCTION DEBRIS OR ORGANICS ON THIS SITE. CONTRACTOR SHALL DISPOSE OF DEBRIS IN A MANNER THAT MEETS ALL FEDERAL, STATE, COUNTY AND LOCAL REGULATIONS SET FORTH BY THE GOVERNING AGENCY.
20. APPROVAL OF THESE PLANS DOES NOT CONSTITUTE APPROVAL BY ROCKDALE COUNTY OF ANY LAND DISTURBING ACTIVITIES WITHIN WETLAND AREAS. IT IS THE RESPONSIBILITY OF THE PROPERTY OWNER TO CONTACT THE APPROPRIATE REGULATORY AGENCY FOR APPROVAL OF ANY WETLAND AREA DISTURBANCE.
21. ALL CONSTRUCTION TO COMPLY WITH ROCKDALE COUNTY STANDARDS.

#### ROCKDALE COUNTY NOTES

ANY ROCKDALE COUNTY INFRASTRUCTURE OR PROPERTY DAMAGED DURING, OR AS A RESULT OF CONSTRUCTION OF THIS PROJECT WILL BE REPAIRED OR REPLACED TO THE SATISFACTION OF ROCKDALE COUNTY.

#### ROCKDALE COUNTY NOTES

1. DESIGN AND CONSTRUCTION OF ALL WATER AND SANITARY SEWER LINES SHALL CONFORM TO ROCKDALE WATER RESOURCES WATER AND WASTEWATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
2. CONTRACTOR WILL NOTIFY RWR ENGINEERING DEPARTMENT AT LEAST 72 HOURS PRIOR TO BEGINNING OF CONSTRUCTION ON WATER AND SEWER. AN INSPECTOR WILL BE ASSIGNED, AND A PRE-CONSTRUCTION MEETING SCHEDULED AT THIS TIME.
3. AS-BUILT DRAWINGS SHALL BE FIELD VERIFIED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR, LICENSED IN THE STATE OF GEORGIA.
4. THE CONTRACTOR SHALL COMPLY WITH ALL UTILITIES PROTECTION CENTER REQUIREMENTS.

#### UTILITY LOCATION NOTES

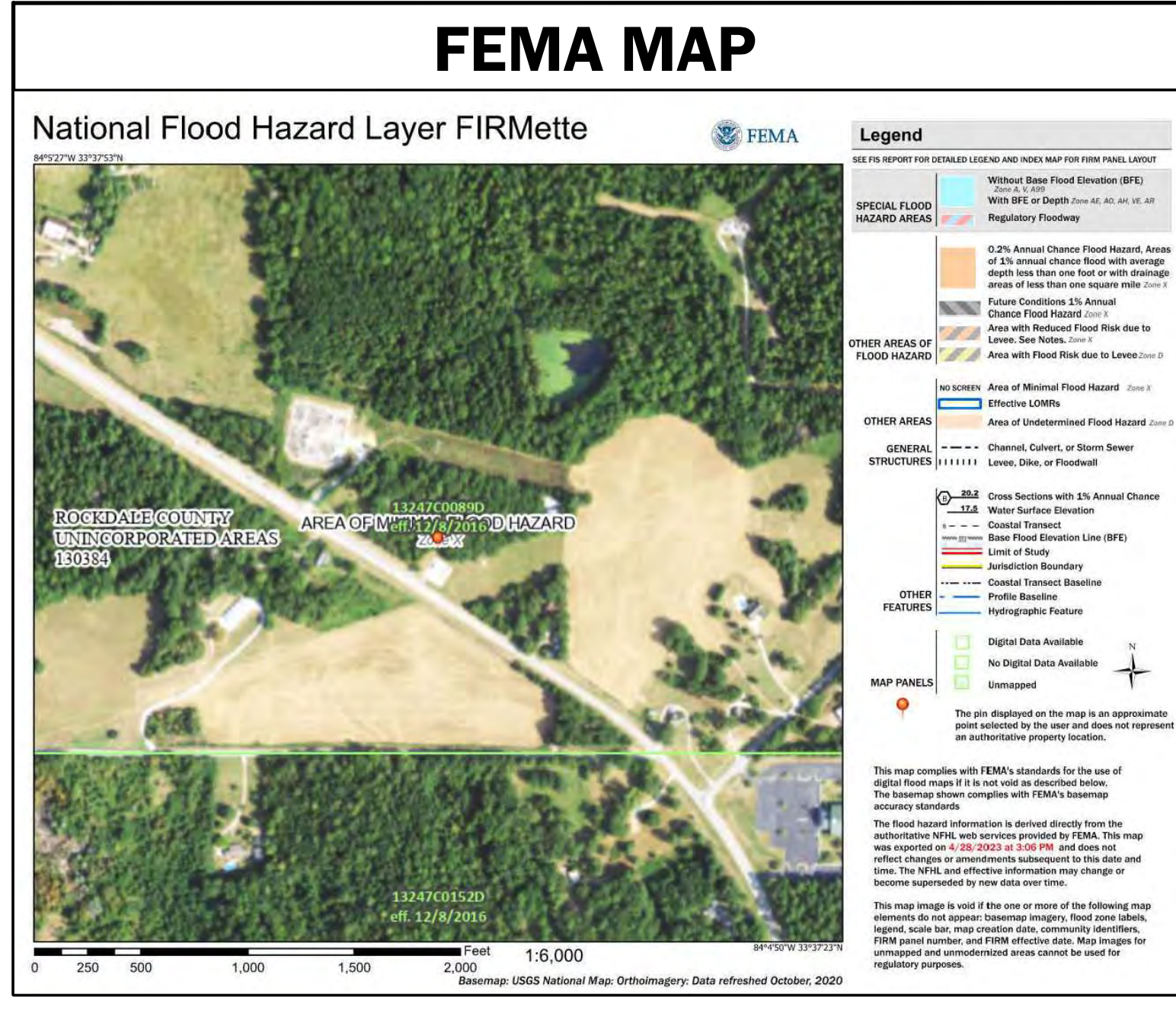
1. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES.
2. CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
3. THE UTILITIES SHOWN ARE SCHEMATIC AND FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR FROM HIS/HER OPERATIONS SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
4. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

#### SITE PLAN LEGENDS

LAYOUT & STAKING	SITE UTILITIES
• COORDINATE POINT P.O.B. POINT OF BEGINNING C1000 DETAIL REFERENCE (DETAIL SHEET) — HANDRAIL AND/OR GUARDRAIL --- G.D.O.T. TYPE 4000 VEHICULAR GUARDRAIL	— W — DOMESTIC WATER — F — FIRE MAIN FH • FIRE HYDRANT PIV • POST INDICATOR VALVE TB >> CONCRETE THRUST BLOCKING WV • WATER VALVE — S — GRAVITY SANITARY SEWER — FM — FORCE MAIN
PAVEMENT MARKINGS	GENERAL
← PARKING ARROW - STRAIGHT, WHITE ↶ PARKING ARROW - TURN, WHITE PAINTED CROSSWALK - WHITE ADA PARKING ACCESS AISLE - BLUE PAINTED WORD "STOP" - WHITE PAINTED WORD "ONLY" - WHITE	— TP — TREE PROTECTION FENCE — L — LIMITS OF CONSTRUCTION X EXISTING TREE TO BE REMOVED
SIGNAGE	STORM DRAINAGE
— SIGN STOP SIGN - MUTCD STANDARD R1-1 YIELD SIGN - MUTCD STANDARD R1-2 NO PARKING SIGN - MUTCD STANDARD R8-3a DO NOT ENTER SIGN - MUTCD STANDARD RS-1 ONE WAY SIGN - MUTCD STANDARD R6-2	Al (1) Al (2) Al (3) Al (4) Al (5) Al (6) Al (7) Al (8) Al (9) Al (10) Al (11) Al (12) Al (13) Al (14) Al (15) Al (16) Al (17) Al (18) Al (19) Al (20) Al (21) Al (22) Al (23) Al (24) Al (25) Al (26) Al (27) Al (28) Al (29) Al (30) Al (31) Al (32) Al (33) Al (34) Al (35) Al (36) Al (37) Al (38) Al (39) Al (40) Al (41) Al (42) Al (43) Al (44) Al (45) Al (46) Al (47) Al (48) Al (49) Al (50) Al (51) Al (52) Al (53) Al (54) Al (55) Al (56) Al (57) Al (58) Al (59) Al (60) Al (61) Al (62) Al (63) Al (64) Al (65) Al (66) Al (67) Al (68) Al (69) Al (70) Al (71) Al (72) Al (73) Al (74) Al (75) Al (76) Al (77) Al (78) Al (79) Al (80) Al (81) Al (82) Al (83) Al (84) Al (85) Al (86) Al (87) Al (88) Al (89) Al (90) Al (91) Al (92) Al (93) Al (94) Al (95) Al (96) Al (97) Al (98) Al (99) Al (100)
SITE GRADING	
— 50 — PROPOSED INTERMEDIATE CONTOURS — 50 — PROPOSED INDEX CONTOURS +50.5 SPOT ELEVATION +HP. HIGH POINT +LP. LOW POINT — FLOW DIRECTION — SWALE 2:1 SLOPE INDICATOR (H:V) +TW 50.5 FINISHED GRADE AT TOP OF WALL +BW 50.5 FINISHED GRADE AT BOTTOM OF WALL +TC 50.5 FINISHED CURB ELEVATION	Al (1) Al (2) Al (3) Al (4) Al (5) Al (6) Al (7) Al (8) Al (9) Al (10) Al (11) Al (12) Al (13) Al (14) Al (15) Al (16) Al (17) Al (18) Al (19) Al (20) Al (21) Al (22) Al (23) Al (24) Al (25) Al (26) Al (27) Al (28) Al (29) Al (30) Al (31) Al (32) Al (33) Al (34) Al (35) Al (36) Al (37) Al (38) Al (39) Al (40) Al (41) Al (42) Al (43) Al (44) Al (45) Al (46) Al (47) Al (48) Al (49) Al (50) Al (51) Al (52) Al (53) Al (54) Al (55) Al (56) Al (57) Al (58) Al (59) Al (60) Al (61) Al (62) Al (63) Al (64) Al (65) Al (66) Al (67) Al (68) Al (69) Al (70) Al (71) Al (72) Al (73) Al (74) Al (75) Al (76) Al (77) Al (78) Al (79) Al (80) Al (81) Al (82) Al (83) Al (84) Al (85) Al (86) Al (87) Al (88) Al (89) Al (90) Al (91) Al (92) Al (93) Al (94) Al (95) Al (96) Al (97) Al (98) Al (99) Al (100)

#### SHEET INDEX

SHEET #	SHEET NAME
C0.00	COVER SHEET
C0.10	TOPOGRAPHIC SURVEY 1 OF 2
C0.20	TOPOGRAPHIC SURVEY 2 OF 2
C1.00	MASTER PLAN
C1.50	DEMOLITION & REMOVAL PLAN
C2.00	STAKING & LAYOUT PLAN
C3.00	GRADING PLAN
C3.05	GRADING & DRAINAGE PLAN ROADWAY
C3.10	STORM DRAINAGE PLAN
C3.20	PIPE PROFILES
C4.00	NPDES NOTES
C4.05	NPDES NOTES
C4.10	ES&PC PLAN - PERIMETER PHASE
C4.20	ES&PC PLAN - INITIAL PHASE
C4.30	ES&PC PLAN - INTERMEDIATE PHASE
C4.40	ES&PC PLAN - FINAL PHASE
C4.50	ES&PC DETAILS
C4.51	ES&PC DETAILS
C4.52	ES&PC DETAILS
C5.00	UTILITY PLAN
C5.05	WATER LINE PLAN
C6.00	TREE PROTECTION PLAN
C7.00	SITE WORK CONSTRUCTION DETAILS
C7.01	SITE WORK CONSTRUCTION DETAILS
C7.10	ROCKDALE COUNTY STANDARD DETAILS
C7.11	ROCKDALE COUNTY STANDARD DETAILS



#### PROJECT DATA

PROJECT ADDRESS:	SW HIGHWAY 212, CONYERS, GA 30002
TAX PARCELS:	030000238
LAND LOTS:	214 236
ZONING:	AR
EXISTING USE:	UNDEVELOPED
PROPOSED USE:	FIRE TRAINING CAMPUS
TOTAL AREA OF SITE:	17.45 ACRES
DISTURBED AREA:	8.15 ACRES
EXISTING IMPERVIOUS AREA:	0.00 ACRES
PROPOSED IMPERVIOUS AREA:	128 ACRES
LOCAL ISSUING AUTHORITY:	ROCKDALE COUNTY (LDP)
PERMIT NUMBER:	23-008936
SEWER AUTHORITY:	ROCKDALE COUNTY
PERMIT NUMBER:	23-008936
WATER AUTHORITY:	ROCKDALE COUNTY
PERMIT NUMBER:	23-008936

#### 24-HOUR EROSION CONTACT

NAME: ANDREW HAMMER  
COMPANY: ROCKDALE COUNTY BOC  
EMAIL ADDRESS: ANDREWHAMMER@ROCKDALECOUNTYGA.GOV  
PHONE NUMBER: 678-381-1081

#### CALL BEFORE YOU DIG

GEORGIA LAW MANDATES THAT, BEFORE BEGINNING ANY MECHANIZED DIGGING OR EXCAVATION WORK, YOU MUST CONTACT GEORGIA 811 BY USING EREQUEST ON WWW.GEORGIA811.COM OR BY CALLING 811 OR 1-800-282-7411 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS IN ADVANCE TO HAVE UTILITY LINES MARKED.

#### DO NOT BREAK OR DUPLICATE

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2. READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ADEQUATELY REFLECT ALL INFORMATION NEEDED TO SUITABLY COVER CERTAIN ITEMS. DO NOT SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.

ROCKDALE COUNTY FIRE TRAINING CAMPUS  
ROCKDALE COUNTY BOARD OF COMMISSIONERS  
3111 SW HIGHWAY 212  
CONYERS, GEORGIA 30012

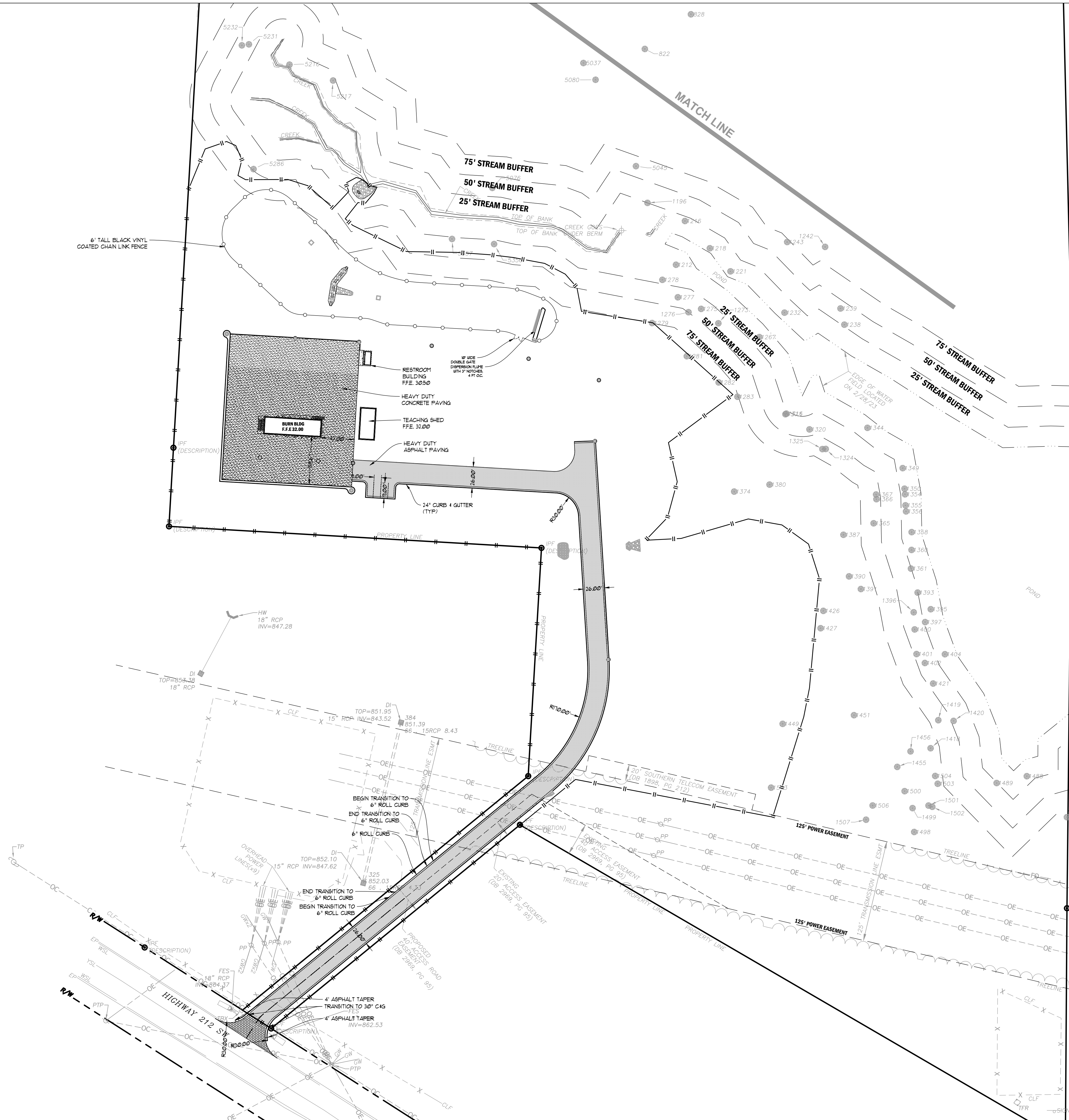
#### PRINT RECORD

No.	DATE	DESCRIPTION
1	07/31/2023	LDP SUBMITTAL
2	09/07/2023	LDP RESUBMITTAL
3	10/12/2023	LDP RESUBMITTAL
4	01/16/2024	LDP RESUBMITTAL

Drawn By: JRQ  
Checked By: BAM  
Date: 05/05/2023  
Job No.: 22051

Sheet Title: COVER SHEET  
Sheet No.: C-0.00  
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**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED:  DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M. TANNER  
 GSUCC CERTIFICATION NO. LEVEL II #: 0000003448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**PAVING LEGEND**

	HEAVY DUTY ASPHALT PAVING	
	HEAVY DUTY CONCRETE PAVING	

**GENERAL LAYOUT NOTES**

- PROPOSED BUILDING USE: FIRE TRAINING FACILITY
- CONTRACTOR SHALL VERIFY CONDITIONS AND DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE ARCHITECT FOR CLARIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR DISCREPANCIES WHICH ARE NOT REPORTED.
- CONTRACTOR SHALL STAKE ALL BUILDING CORNERS AND OBTAIN ARCHITECT'S APPROVAL BEFORE POURING ANY FOOTINGS.
- REFER TO ARCHITECTURAL PLANS FOR ACTUAL BUILDING DIMENSIONS.
- ALL DIMENSIONS ARE TO THE FACE OF CURBS AND FACE OF WALLS.
- ALL ANGLES ARE 90° UNLESS OTHERWISE NOTED.
- CURB AND GUTTER RADII ARE 5' UNLESS OTHERWISE NOTED.

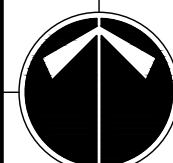
**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-381-1061

**GRAPHIC SCALE & ORIENTATION**

30 15 0 30 60 120 180

SCALE: 1"=60'-0"



**UTILITY LOCATION NOTES**

- CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES.
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**GEORGIA811**  
 www.Georgia811.com

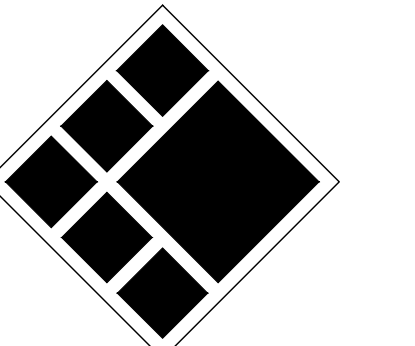
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**ROCKDALE COUNTY BOARD OF COMMISSIONERS**

3111 SW HIGHWAY 212  
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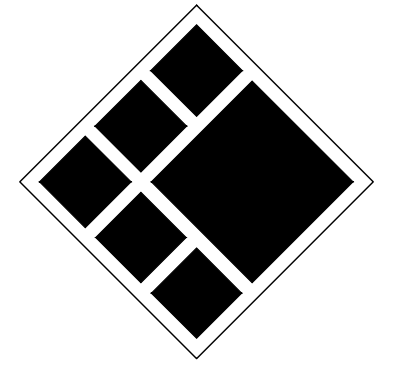
Sheet Title: **STAKING AND LAYOUT PLAN**

Sheet No.: **C-2.00**  
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**ROCKDALE COUNTY FIRE  
TRAINING CAMPUS**

**ROCKDALE COUNTY BOARD OF  
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3111 SW HIGHWAY 212  
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Drawn By: JRQ  
Checked By: BAM  
Date: 05/05/2023  
Job No.: 22051  
Sheet Title: GRADING PLAN

Sheet No. **C-3.00**

NOT RELEASED FOR CONSTRUCTION

**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
GSBOCC CERTIFICATION NO. LEVEL II \* 0000029448  
EXPIRATION DATE: 03-29-2024  
COMPANY: BREEDLOVE LAND PLANNING, INC.

CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

**EXCESS CUT**

EXCESS CUT MATERIAL: IF QUANTITY OF GRADING MATERIAL IS IN EXCESS OF QUANTITIES NECESSARY TO PROVIDE FINISH GRADE ELEVATIONS INDICATED ON DRAWINGS, EXCESS MATERIAL SHALL BE HAILED OFF SITE, HAULING AND DISPOSAL OF EXCESS MATERIAL SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR ABIDING BY ALL LOCAL, STATE, AND FEDERAL REGULATIONS IN DISPOSING OF EXCESS MATERIAL.

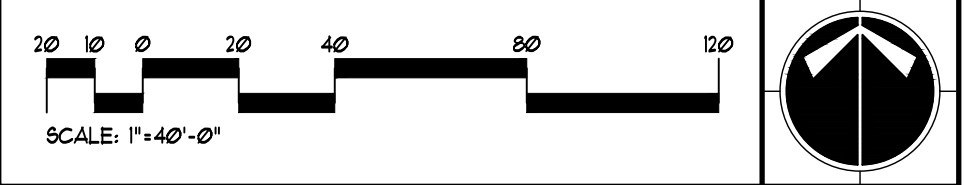
**INSUFFICIENT FILL**

INSUFFICIENT FILL MATERIAL: IF QUANTITY OF GRADING MATERIAL IS INSUFFICIENT TO PROVIDE FINISHED GRADE ELEVATIONS INDICATED ON DRAWINGS, CONTRACTOR SHALL OBTAIN ADDITIONAL FILL MATERIAL OF SPECIFIED QUALITY FROM AN OFF-SITE SOURCE. OBTAINING, HAULING, PLACEMENT, COMPACTION AND STABILIZATION OF ADDITIONAL FILL MATERIAL SHALL BE PERFORMED AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL LOCAL, STATE, AND FEDERAL REGULATIONS IN OBTAINING FILL MATERIAL.

**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
COMPANY: ROCKDALE COUNTY BOC  
EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
PHONE NUMBER: 678-381-1081

**GRAPHIC SCALE & ORIENTATION**



**UTILITY LOCATION NOTES**

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- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

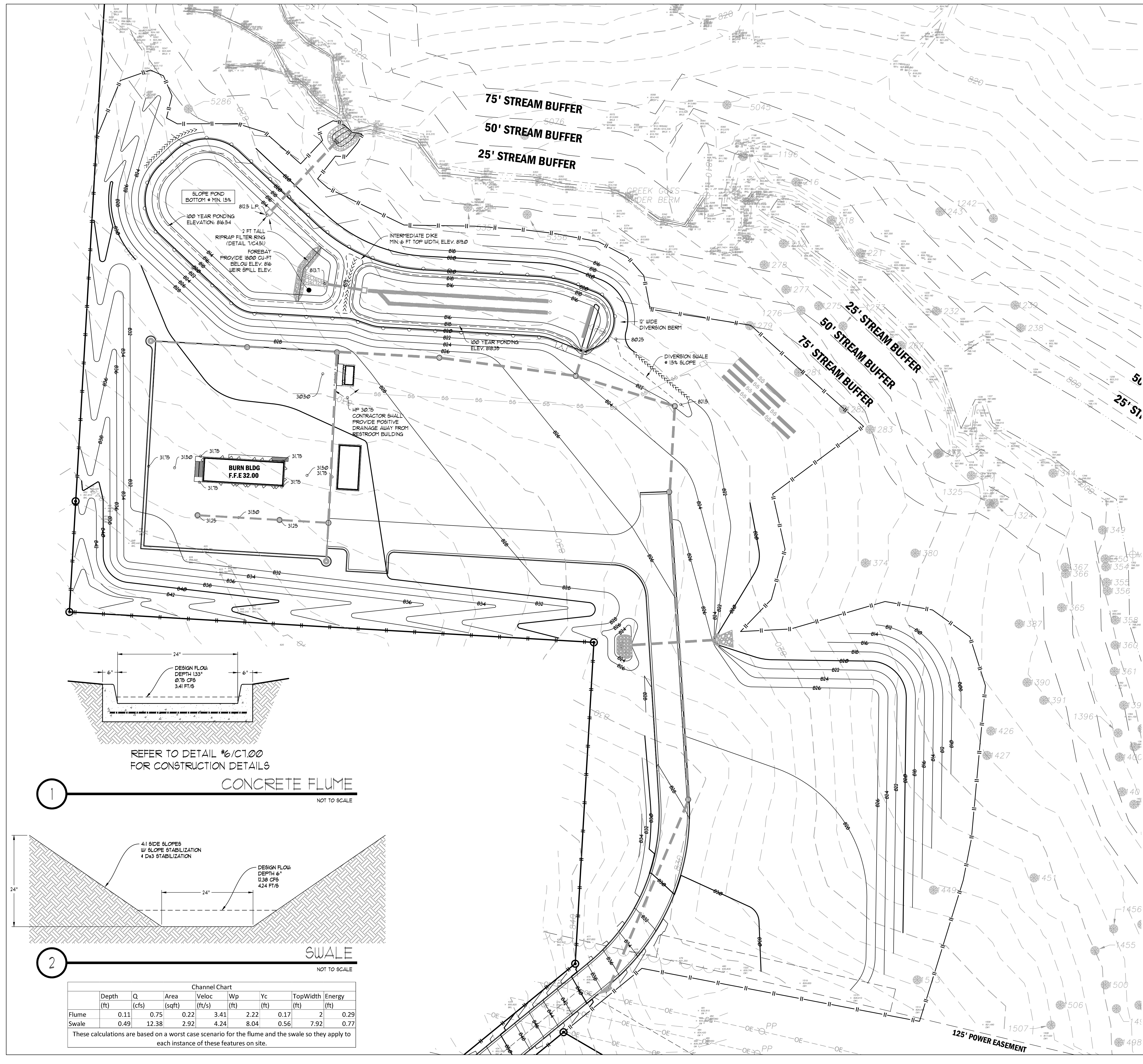
**CALL BEFORE YOU DIG**



GEORGIA LAW MANDATES THAT BEFORE BEGINNING ANY MECHANIZED DIGGING OR EXCAVATION WORK, YOU MUST CONTACT GEORGIA 811 BY USING EREQUEST ON WWW.GEORGIA811.COM OR BY CALLING 811 OR 1-800-282-1411 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS IN ADVANCE TO HAVE UTILITY LINES MARKED.

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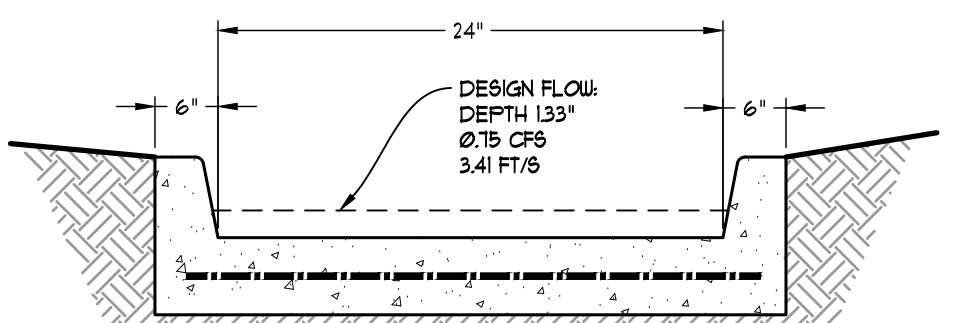
SLOPE POND  
BOTTOM MIN. 15%  
100 YEAR FLOODING  
ELEVATION: 816.54  
2 FT TALL  
RIPRAP FILTER RING  
(DETAIL 1/C45)  
FOREBAY  
PROVIDE 1800 GALT  
BELOW ELEV. 816  
WEIR SPILL ELEV.

INTERMEDIATE DIKE  
MIN. 6 FT TOP WIDTH, ELEV. 813.0

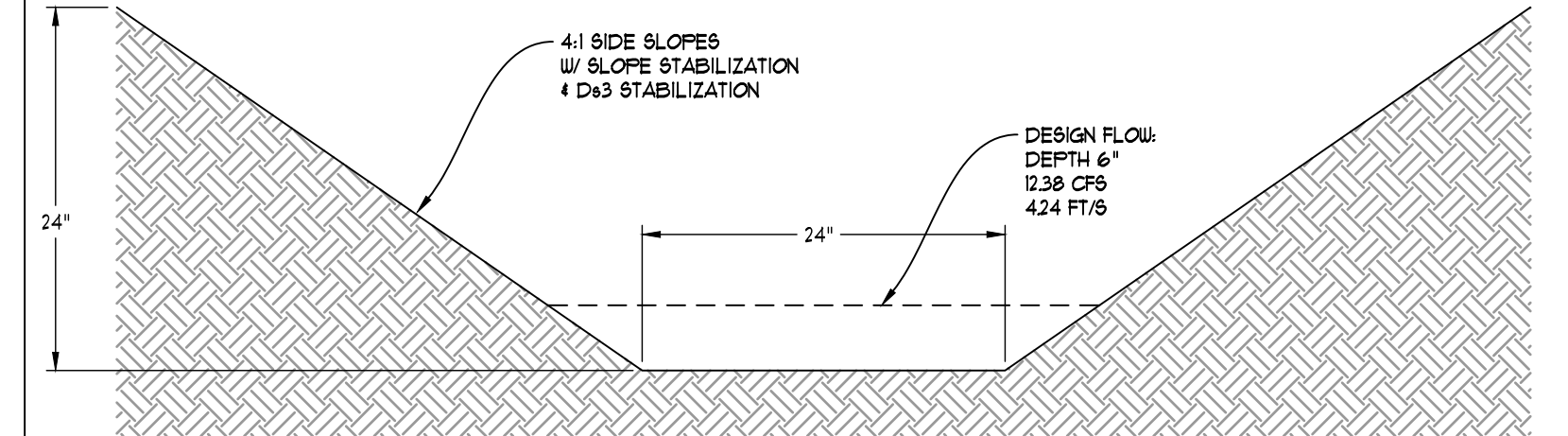
DIVERSION SWALE  
15% SLOPE

HP 30.75  
CONTRACTOR SHALL  
PROVIDE POSITIVE  
DRAINAGE AWAY FROM  
RESTROOM BUILDING

BURN BLDG  
F.F.E 32.00



REFER TO DETAIL 1/C100  
FOR CONSTRUCTION DETAILS  
**CONCRETE FLUME**  
NOT TO SCALE



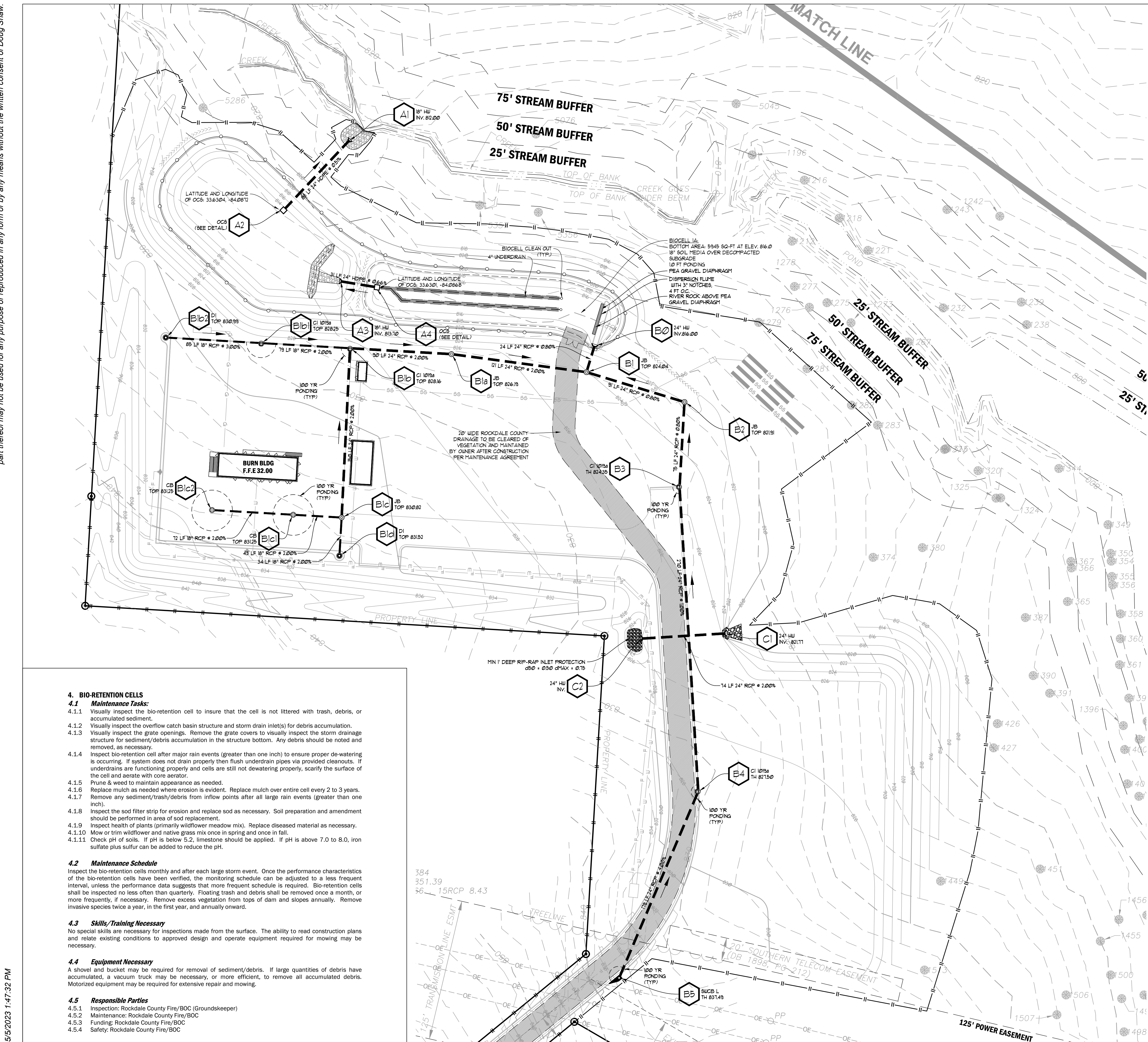
**SWALE**  
NOT TO SCALE

Channel Chart							
Depth (ft)	Q (cfs)	Area (sqft)	Veloc (ft/s)	Wp (ft)	Yc (ft)	TopWidth (ft)	Energy (ft)
Flume	0.11	0.75	0.22	3.41	2.22	0.17	2
Swale	0.49	12.38	2.92	4.24	8.04	0.56	7.92

These calculations are based on a worst case scenario for the flume and the swale so they apply to each instance of these features on site.

5/5/2023 1:47:32 PM

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**4. BIO-RETENTION CELLS**

**4.1 Maintenance Tasks:**

- 4.1.1 Visually inspect the bio-retention cell to insure that the cell is not littered with trash, debris, or accumulated sediment.
- 4.1.2 Visually inspect the overflow catch basin structure and storm drain inlet(s) for debris accumulation.
- 4.1.3 Visually inspect the grate openings. Remove the grate covers to visually inspect the storm drainage structure for sediment/debris accumulation in the structure bottom. Any debris should be noted and removed, as necessary.
- 4.1.4 Inspect bio-retention cell after major rain events (greater than one inch) to ensure proper de-watering is occurring. If system does not drain properly then flush underdrain pipes via provided cleanouts. If underdrains are functioning properly and cells are still not dewatering properly, scarify the surface of the cell and aerate with core aerator.
- 4.1.5 Prune & weed to maintain appearance as needed.
- 4.1.6 Replace mulch as needed where erosion is evident. Replace mulch over entire cell every 2 to 3 years.
- 4.1.7 Remove any sediment/trash/debris from inflow points after all large rain events (greater than one inch).
- 4.1.8 Inspect the sod filter strip for erosion and replace sod as necessary. Soil preparation and amendment should be performed in area of sod replacement.
- 4.1.9 Inspect health of plants (primarily wildflower meadow mix). Replace diseased material as necessary.
- 4.1.10 Mow or trim wildflower and native grass mix once in spring and once in fall.
- 4.1.11 Check pH of soils. If pH is below 5.2, limestone should be applied. If pH is above 7.0 to 8.0, iron sulfate plus sulfur can be added to reduce the pH.

**4.2 Maintenance Schedule**

Inspect the bio-retention cells monthly and after each large storm event. Once the performance characteristics of the bio-retention cells have been verified, the monitoring schedule can be adjusted to a less frequent interval, unless the performance data suggests that more frequent schedule is required. Bio-retention cells shall be inspected no less often than quarterly. Floating trash and debris shall be removed once a month, or more frequently, if necessary. Remove excess vegetation from tops of dam and slopes annually. Remove invasive species twice a year, in the first year, and annually onward.

**4.3 Skills/Training Necessary**

No special skills are necessary for inspections made from the surface. The ability to read construction plans and relate existing conditions to approved design and operate equipment required for mowing may be necessary.

**4.4 Equipment Necessary**

A shovel and bucket may be required for removal of sediment/debris. If large quantities of debris have accumulated, a vacuum truck may be necessary, or more efficient, to remove all accumulated debris. Motorized equipment may be required for extensive repair and mowing.

**4.5 Responsible Parties**

- 4.5.1 Inspection: Rockdale County Fire/BOC (Groundskeeper)
- 4.5.2 Maintenance: Rockdale County Fire/BOC
- 4.5.3 Funding: Rockdale County Fire/BOC
- 4.5.4 Safety: Rockdale County Fire/BOC

**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: DATE: 05/16/2024

CERTIFIED DESIGN PROFESSIONAL, JUSTIN M TANNER  
 GSUCC CERTIFICATION NO. LEVEL II \* 0000009448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**NOTE:**

- 1. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS.
- 2. DEVELOPER IS TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT END OF CONSTRUCTION WHEN DISTURBED AREAS HAVE BEEN STABILIZED. REGULAR MAINTENANCE SHALL BE THE RESPONSIBILITY OF THE COUNTY.

CONTRACTOR SHALL CONSTRUCT THE DETENTION BASIN WITHIN \_\_\_\_\_ CALENDAR DAYS OF ARRIVAL ON SITE WITH CONSTRUCTION EQUIPMENT. THIS INCLUDES COMPLETE GRADING, STORM PIPE SYSTEM INSTALLATION OF GRASSING, EROSION CONTROL BLANKETS AND TREE PLANTINGS.

**24-HOUR EROSION CONTACT**

NAME: ANDREI HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREIHAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-381-1081

**GRAPHIC SCALE & ORIENTATION**



**UTILITY LOCATION NOTES**

- 1. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES.
- 2. CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
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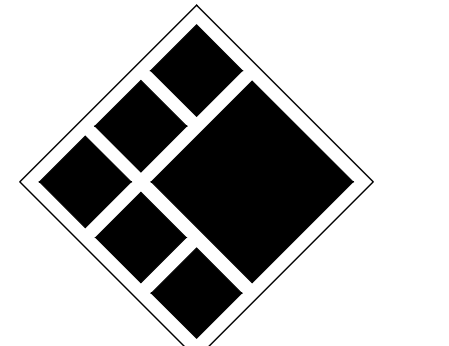
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208 Pirkle Ferry Road, Suite C  
 Cumming, GA 30040



**BREEDLOVE LAND PLANNING**  
 Landscape Architects • Civil Engineers  
 15 Simpson Street, NW, Atlanta, GA 30308  
 P: 770-483-1173 • www.landplanning.net

BLP PROJ. NO. 22158



**ROCKDALE COUNTY FIRE TRAINING CAMPUS**

**ROCKDALE COUNTY BOARD OF COMMISSIONERS**

3111 SW HIGHWAY 212  
 CONYERS, GEORGIA 30012

**PRINT RECORD**

No.	DATE	DESCRIPTION
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4	01/16/2024	LDP RESUBMITTAL

Drawn By: JRQ  
 Checked By: BAM

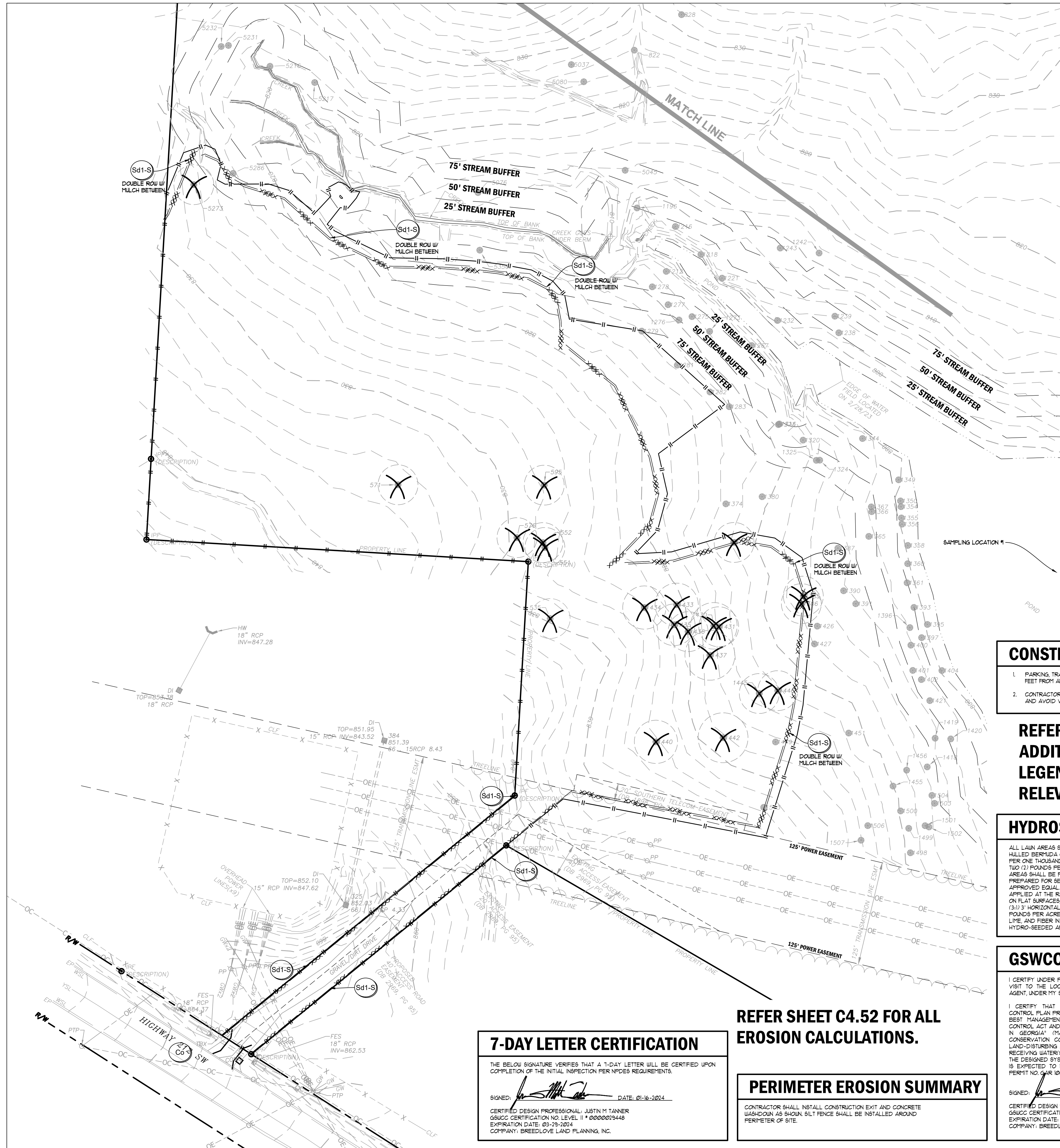
Date: 05/05/2023  
 Job No.: 22051

Sheet Title: **STORM DRAINAGE PLAN**

Sheet No.: **C-3.10**

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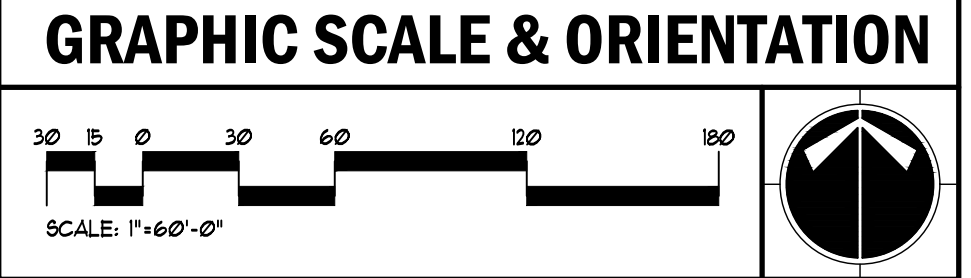


**DISTURBED AREA**  
 TOTAL SITE AREA: 12.45 AC    DISTURBED AREA: 0.66 AC

- GENERAL EROSION NOTES**
- NOTIFY CITY/COUNTY INSPECTORS 24 HOURS BEFORE BEGINNING OF EVERY CONSTRUCTION PHASE.
  - ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
  - THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES AND CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
  - ALL SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING.
  - SEDIMENT BARRIER DEVICES SHALL BE INSPECTED AND REPAIRED OF DAMAGE DAILY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND SPREAD ON SITES.
  - ALL DISTURBED AREAS SHALL BE GRASSSED AS SOON AS CONSTRUCTION PHASE PERMITS.
  - EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION OR AS REQUIRED BY CITY/COUNTY AT NO ADDITIONAL COST TO THE OWNER.
  - MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER.
  - ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET SHALL BE REFERRED TO THE ARCHITECT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
  - SEDIMENT STORAGE LEVEL MARKERS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
  - MAXIMUM CUT OR FILL SLOPE IS (2:1) VERTICAL TO 1' HORIZONTAL.
  - CONTRACTOR SHALL PROVIDE TEMPORARY DOWN DRAINS ON FILL SLOPES TO PREVENT EROSION PRIOR TO STABILIZATION.
  - CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM DETENTION BASIN AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN FULLY STABILIZED.
  - THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
  - EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AT NO ADDITIONAL COST TO THE OWNER.
  - ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-381-1081



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- CONSTRUCTION STAGING**
- PARKING, TRAILERS, AND PORTABLE TOILETS SHALL BE NO CLOSER THAN 100 FEET FROM ANY PROPERTY LINES ADJACENT TO RESIDENTIAL LOTS.
  - CONTRACTOR SHALL ORIENT CONSTRUCTION PARKING TO FACE EAST/WEST AND AVOID VEHICLE HEADLIGHTS SHINING TOWARD RESIDENTIAL LOTS.

**REFER TO C400 AND C405 FOR ADDITIONAL EROSION NOTES, LEGENDS, AND CHECKLISTS RELEVANT TO THIS PROJECT**

**HYDROSEEDING NOTE**

ALL LAWN AREAS SHALL BE SEEDDED WITH KENTUCKY 31 FESCUE (TEMPORARY) OR HULLED BERBERA (PERMANENT). APPLY FESCUE AT THE RATE OF FIVE (5) POUNDS PER ONE THOUSAND (1000) SQUARE FEET OR APPLY BERBERA AT THE RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. ALL DESIGNATED AREAS SHALL BE PLANTED WITH A HYDRO-SEEDER AFTER AREAS HAVE BEEN PREPARED FOR SEEDING UNLESS PLANS SHOW OTHERWISE. HYDROMULCH 1000 (OR APPROVED EQUAL) AS MANUFACTURED BY PROFILE PRODUCTS CO. SHALL BE APPLIED AT THE RATE OF ONE THOUSAND FIVE HUNDRED (1500) POUNDS PER ACRE ON FLAT SURFACES, TWO THOUSAND (2000) POUNDS PER ACRE ON SLOPES UP TO (3:1) HORIZONTAL TO VERTICAL, AND TWO THOUSAND FIVE HUNDRED (2500) POUNDS PER ACRE ON SLOPES GREATER THAN 3H TO 1V. APPLY SEED FERTILIZER, LIME, AND FIBER IN ONE OPERATION. EXISTING TREES AND SHRUBS IN HYDRO-SEEDED AREA SHALL BE PROTECTED DURING HYDROSEEDING.

**GSWCC LEVEL II CERTIFICATIONS**

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED. PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNATED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GA8 100001.

SIGNED: *Justin M Tanner*    DATE: 01-16-2024  
 CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
 GSWCC CERTIFICATION NO. LEVEL II \* 0000073448  
 EXPIRATION DATE: 03-23-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: *Justin M Tanner*    DATE: 01-16-2024  
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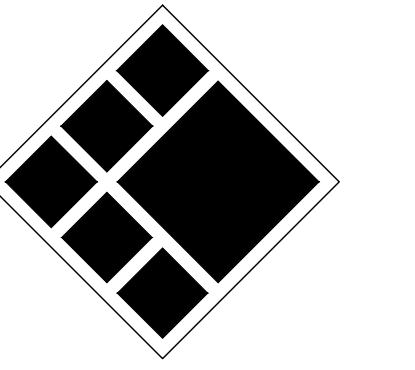
**REFER SHEET C4.52 FOR ALL EROSION CALCULATIONS.**

**PERIMETER EROSION SUMMARY**

CONTRACTOR SHALL INSTALL CONSTRUCTION EXIT AND CONCRETE WASH-DOWN AS SHOWN. SILT FENCE SHALL BE INSTALLED AROUND PERIMETER OF SITE.



208 Pirkle Ferry Road, Suite C  
 Cumming, GA 30004



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BLP PROJ. NO. 22158



**ROCKDALE COUNTY FIRE TRAINING CAMPUS**

**ROCKDALE COUNTY BOARD OF COMMISSIONERS**

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Drawn By: JRQ    Checked By: BAM  
 Date: 05/05/2023    Job No.: 22051

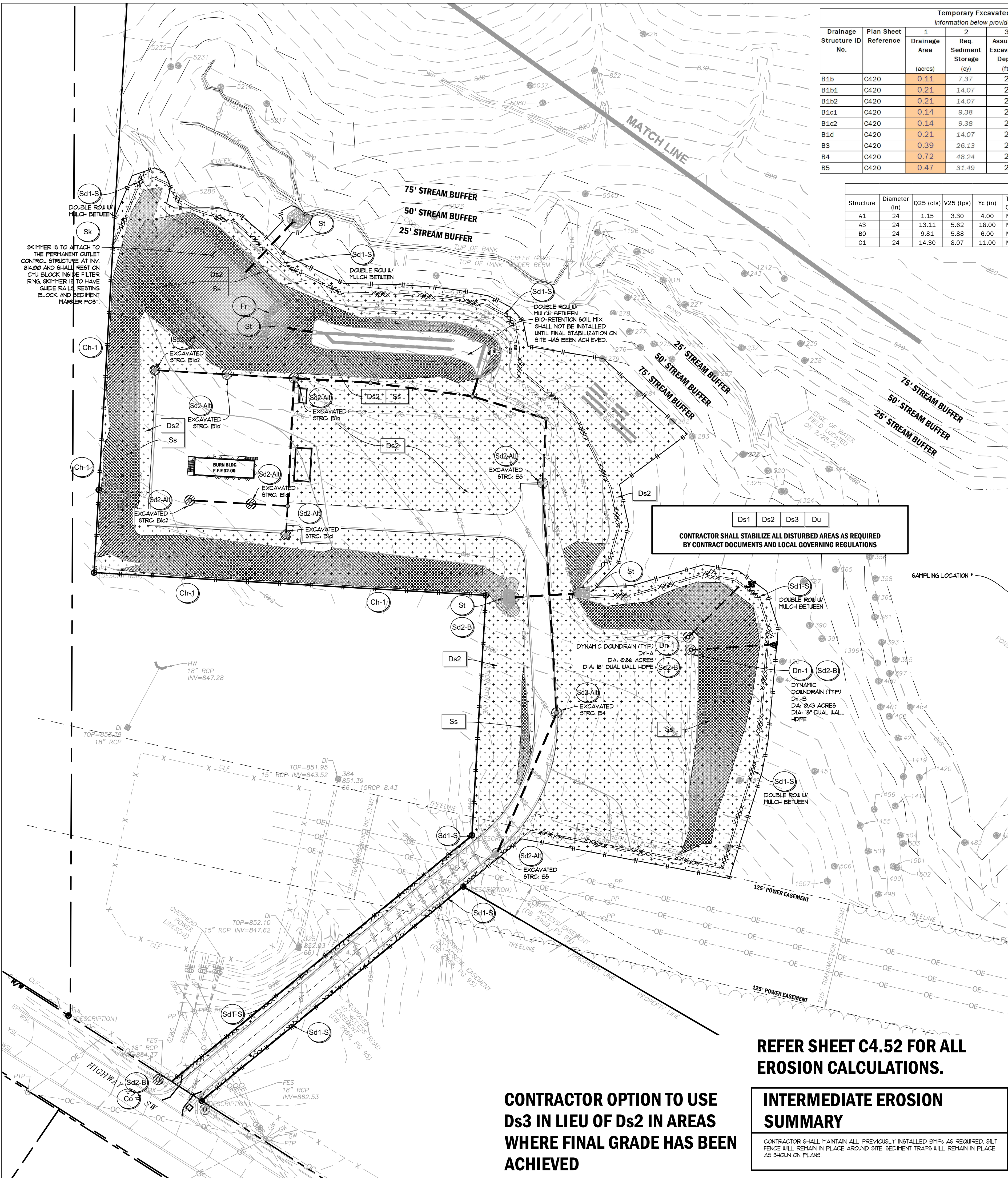
Sheet Title: **ES&PC PLAN - PERIMETER PHASE**

Sheet No.: **C-4.10**

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**Temporary Excavated Inlet Sediment Trap Calculations (SD2-AIT)**  
Information below provided as required by page 6-155, GSWCC 2016 Edition

Drainage Structure ID No.	Plan Sheet Reference	1 Drainage Area (acres)	2 Req. Sediment Storage (cy)	3 Assumed Excavation Depth (ft)	4 Assumed Side Slope (X:1)	5 Min. Surface Area (sf)	6a Excavation Shape	6b Excavation Width (ft)	6c Excavation Length (ft)	7 Storage Provided (cy)
B1b	C420	0.11	7.37	2	2	99.50	Rectangular	8	16	9.48
B1b1	C420	0.21	14.07	2	2	189.95	Rectangular	10	20	14.81
B1b2	C420	0.21	14.07	2	2	189.95	Rectangular	10	20	14.81
B1c1	C420	0.14	9.38	2	2	126.63	Rectangular	8	16	9.48
B1c2	C420	0.14	9.38	2	2	126.63	Rectangular	8	16	9.48
B1d	C420	0.21	14.07	2	2	189.95	Rectangular	10	20	14.81
B3	C420	0.39	26.13	2	2	352.76	Rectangular	14	28	29.04
B4	C420	0.72	48.24	2	2	651.24	Rectangular	19	38	53.48
B5	C420	0.47	31.49	2	2	425.12	Rectangular	15	30	33.33

Structure	Diameter (in)	Q25 (cfs)	V25 (fps)	Yc (in)	Tailwater Condition	Figure	La (ft)	W <sub>1</sub> (ft)	W <sub>2</sub> (ft)	d50 (ft)	dMAX (ft)	D (ft)
A1	24	1.15	3.30	4.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13
A3	24	13.11	5.62	18.00	MINIMUM	6-34.2	16	6	18.00	0.50	0.75	1.13
B0	24	9.81	5.88	6.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13
C1	24	14.30	8.07	11.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13

**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: *[Signature]* DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
 GSWCC CERTIFICATION NO. LEVEL 11 \* 0000073448  
 EXPIRATION DATE: 03-19-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**CONTRACTOR SHALL STABILIZE ALL DISTURBED AREAS AS REQUIRED BY CONTRACT DOCUMENTS AND LOCAL GOVERNING REGULATIONS**

**CONSTRUCTION STAGING**

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- CONTRACTOR SHALL ORIENT CONSTRUCTION PARKING TO FACE EAST/WEST AND AVOID VEHICLE HEADLIGHTS SHINING TOWARD RESIDENTIAL LOTS.

**REFER TO C400 AND C405 FOR ADDITIONAL EROSION NOTES, LEGENDS, AND CHECKLISTS RELEVANT TO THIS PROJECT**

**HYDROSEEDING NOTE**

ALL LAWN AREAS SHALL BE SEEDDED WITH KENTUCKY 31 FESCUE (TEMPORARY) OR HULLED BERBERIS (PERMANENT). APPLY FESCUE AT THE RATE OF FIVE (5) POUNDS PER ONE THOUSAND (1000) SQUARE FEET OR APPLY BERBERIS AT THE RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. ALL DESIGNATED AREAS SHALL BE PLANTED WITH A HYDRO-SEEDER AFTER AREAS HAVE BEEN PREPARED FOR SEEDING UNLESS PLANS SHOW OTHERWISE. HYDROMULCH 1000 (OR APPROVED EQUIV.) AS MANUFACTURED BY PROFILE PRODUCTS CO. SHALL BE APPLIED AT THE RATE OF ONE THOUSAND FIVE HUNDRED (1500) POUNDS PER ACRE ON FLAT SURFACES, TWO THOUSAND (2000) POUNDS PER ACRE ON SLOPES UP TO (3:1) HORIZONTAL TO VERTICAL, AND TWO THOUSAND FIVE HUNDRED (2500) POUNDS PER ACRE ON SLOPES GREATER THAN 3H TO 1V. APPLY SEED FERTILIZER, LIME, AND FIBER IN ONE OPERATION. EXISTING TREES AND SHRUBS IN HYDRO-SEEDED AREA SHALL BE PROTECTED DURING HYDROSEEDING.

**GSWCC LEVEL II CERTIFICATIONS**

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA (MANUAL) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDED FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNATED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GA010001.

SIGNED: *[Signature]* DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
 GSWCC CERTIFICATION NO. LEVEL 11 \* 0000073448  
 EXPIRATION DATE: 03-19-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**REFER SHEET C4.52 FOR ALL EROSION CALCULATIONS.**

**INTERMEDIATE EROSION SUMMARY**

CONTRACTOR SHALL MAINTAIN ALL PREVIOUSLY INSTALLED BMPs AS REQUIRED. SILT FENCE WILL REMAIN IN PLACE AROUND SITE. SEDIMENT TRAPS WILL REMAIN IN PLACE AS SHOWN ON PLANS.

**CONTRACTOR OPTION TO USE Ds3 IN LIEU OF Ds2 IN AREAS WHERE FINAL GRADE HAS BEEN ACHIEVED**

**DISTURBED AREA**

TOTAL SITE AREA: 12.45 AC DISTURBED AREA: 8.15 AC

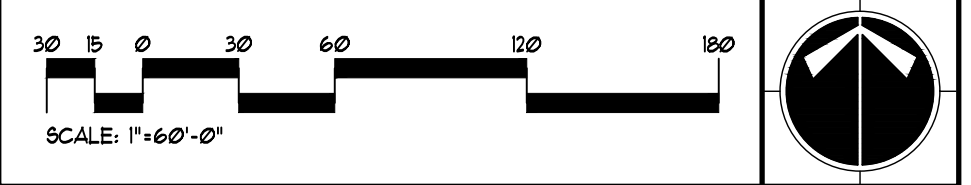
**GENERAL EROSION NOTES**

- NOTIFY CITY/COUNTY INSPECTORS 24 HOURS BEFORE BEGINNING OF EVERY CONSTRUCTION PHASE.
- ALL BUFFERS AND TREE SAVE AREAS SHALL BE CLEARLY IDENTIFIED BY FLAGGING AND/OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- THE INSTALLATION OF EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES AND CONSTRUCTION ON THE SITE AND MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
- ALL SEDIMENT BARRIERS SHALL BE INSTALLED PRIOR TO ANY GRADING.
- SEDIMENT BARRIER DEVICES SHALL BE INSPECTED AND REPAIRED OF DAMAGE DAILY. ANY ACCUMULATED SEDIMENT SHALL BE REMOVED AND SPREAD ON SITE.
- ALL DISTURBED AREAS SHALL BE GRASSSED AS SOON AS CONSTRUCTION PHASE PERMITS.
- EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES. ADDITIONAL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSTALLED IF DEEMED NECESSARY BY ON-SITE INSPECTION OR AS REQUIRED BY CITY/COUNTY AT NO ADDITIONAL COST TO THE OWNER.
- MAINTENANCE OF ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER.
- ANY DISCREPANCY BETWEEN THIS SHEET AND OTHERS IN THIS SET SHALL BE REFERRED TO THE ARCHITECT BY THE CONTRACTOR FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- SEDIMENT STORAGE LEVEL MARKERS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 1/3 FULL VOLUME.
- MAXIMUM CUT OR FILL SLOPE IS (2:1) HORIZONTAL TO 1' VERTICAL.
- CONTRACTOR SHALL PROVIDE TEMPORARY DOWN DRAINS ON FILL SLOPES TO PREVENT EROSION PRIOR TO STABILIZATION.
- CONTRACTOR SHALL REMOVE ACCUMULATED SEDIMENT FROM DETENTION BASIN AT END OF CONSTRUCTION WHEN ALL DISTURBED AREAS HAVE BEEN FULLY STABILIZED.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES AND PRACTICES PRIOR TO LAND DISTURBING ACTIVITIES.
- EROSION CONTROL MEASURES WILL BE MAINTAINED AT ALL TIMES. IF FULL IMPLEMENTATION OF THE APPROVED PLAN DOES NOT PROVIDE FOR EFFECTIVE EROSION CONTROL, ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL OR TREAT THE SEDIMENT SOURCE AT NO ADDITIONAL COST TO THE OWNER.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.

**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-361-1061

**GRAPHIC SCALE & ORIENTATION**



**UTILITY LOCATION NOTES**

- CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES.
- CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
- THE UTILITIES SHOWN ARE SCHEMATIC AND FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

**CALL BEFORE YOU DIG**



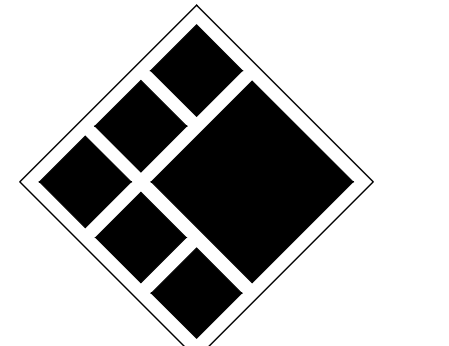
GEORGIA LAW MANDATES THAT BEFORE BEGINNING ANY MECHANIZED DIGGING OR EXCAVATION WORK, YOU MUST CONTACT GEORGIA 811 BY USING EREQUEST ON WWW.GEORGIA811.COM OR BY CALLING 811 OR 1-800-281-1411 AT LEAST 48 HOURS BUT NO MORE THAN 10 WORKING DAYS IN ADVANCE TO HAVE UTILITY LINES MARKED.

**DO NOT BREAK OR DUPLICATE**

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- READ THE SPECIFICATIONS. THIS SET OF DRAWINGS AND SPECIFICATIONS DEFINE PROJECT SCOPE AND CONTRACT REQUIREMENTS. INDIVIDUAL SHEETS SEPARATED FROM THE SET MAY NOT ADEQUATELY REFLECT ALL INFORMATION NEEDED TO SUITABLY COVER CERTAIN ITEMS. DO NOT SEPARATE THIS SET OF DRAWINGS INTO INDIVIDUAL SHEETS.



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 Cumming, GA 30004



**BREEDLOVE LAND PLANNING**  
 Landscape Architects & Civil Engineers  
 15 Simpson Street, NW, Atlanta, GA 30308  
 P: 770-483-1173 • www.landplanning.net

BLP PROJ. NO. 22158



**ROCKDALE COUNTY FIRE TRAINING CAMPUS**

**ROCKDALE COUNTY BOARD OF COMMISSIONERS**

3111 SW HIGHWAY 212  
 CONYERS, GEORGIA 30012

**PRINT RECORD**

No.	DATE	DESCRIPTION
1	07/31/2023	LDP SUBMITTAL
2	09/07/2023	LDP RESUBMITTAL
3	10/12/2023	LDP RESUBMITTAL
4	01/16/2024	LDP RESUBMITTAL

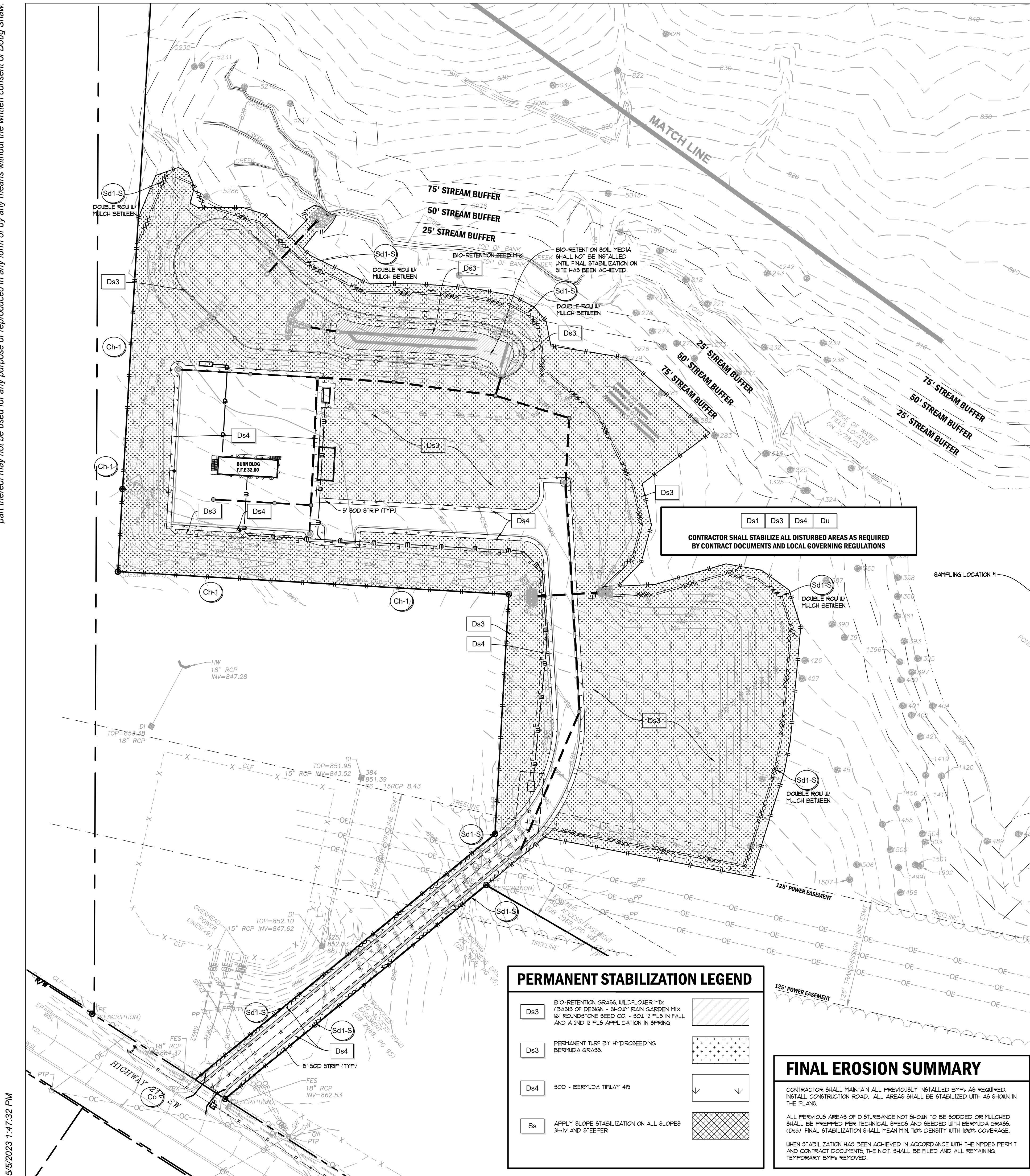
Drawn By: JRQ Checked By: BAM  
 Date: 05/05/2023 Job No.: 22051

Sheet Title: **ES&PC PLAN - INTERMEDIATE PHASE**

Sheet No.: **C-4.30**

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Structure	Diameter (in)	Q25 (cfs)	V25 (fps)	Yc (in)	Tailwater Condition	Figure	La (ft)	W <sub>1</sub> (ft)	W <sub>2</sub> (ft)	d50 (ft)	dMAX (ft)	D (ft)
A1	24	1.15	3.30	4.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13
A3	24	13.11	5.92	18.00	MINIMUM	6-34.2	16	6	18.00	0.50	0.75	1.13
B0	24	9.81	5.88	6.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13
C1	24	14.30	8.07	11.00	MINIMUM	6-34.1	16	6	18.00	0.50	0.75	1.13

**CONTRACTOR OPTION TO USE Ds3 IN LIEU OF Ds2 IN AREAS WHERE FINAL GRADE HAS BEEN ACHIEVED**

**REFER SHEET C4.52 FOR ALL EROSION CALCULATIONS.**

**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: *[Signature]* DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
 GSWCC CERTIFICATION NO. LEVEL II \* 0000029448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**DISTURBED AREA**

TOTAL SITE AREA:	12.45 AC	DISTURBED AREA:	8.15 AC
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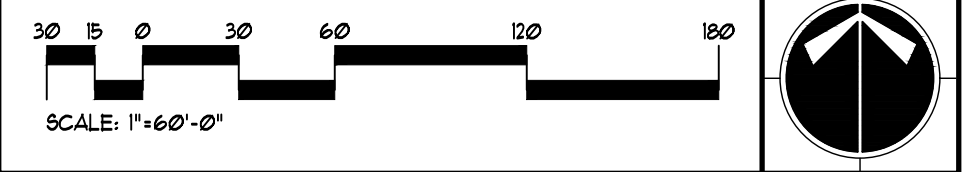
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**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-381-1081

**GRAPHIC SCALE & ORIENTATION**



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**CONSTRUCTION STAGING**

- PARKING, TRAILERS, AND PORTABLE TOILETS SHALL BE NO CLOSER THAN 100 FEET FROM ANY PROPERTY LINES ADJACENT TO RESIDENTIAL LOTS.
- CONTRACTOR SHALL ORIENT CONSTRUCTION PARKING TO FACE EAST/WEST AND AVOID VEHICLE HEADLIGHTS SHINING TOWARD RESIDENTIAL LOTS.

**REFER TO C400 AND C405 FOR ADDITIONAL EROSION NOTES, LEGENDS, AND CHECKLISTS RELEVANT TO THIS PROJECT**

**HYDROSEEDING NOTE**

ALL LAWN AREAS SHALL BE SEEDDED WITH KENTUCKY 31 FESCUE (TEMPORARY) OR HILLED BERMUDA (PERMANENT). APPLY FESCUE AT THE RATE OF FIVE (5) POUNDS PER ONE THOUSAND (1000) SQUARE FEET OR APPLY BERMUDA AT THE RATE OF TWO (2) POUNDS PER ONE THOUSAND (1000) SQUARE FEET. ALL DESIGNATED AREAS SHALL BE PLANTED WITH A HYDRO-SEEDER AFTER AREAS HAVE BEEN PREPARED FOR SEEDING UNLESS PLANS SHOW OTHERWISE. HYDROMULCH 1000 (OR APPROVED EQUAL) AS MANUFACTURED BY PROFILE PRODUCTS CO. SHALL BE APPLIED AT THE RATE OF ONE THOUSAND FIVE HUNDRED (1500) POUNDS PER ACRE ON FLAT SURFACES, TWO THOUSAND (2000) POUNDS PER ACRE ON SLOPES UP TO (3:1) HORIZONTAL TO 1' VERTICAL, AND TWO THOUSAND FIVE HUNDRED (2500) POUNDS PER ACRE ON SLOPES GREATER THAN 3H TO 1V. APPLY SEED FERTILIZER, LIME, AND FIBER IN ONE OPERATION. EXISTING TREES AND SHRUBS IN HYDRO-SEEDED AREA SHALL BE PROTECTED DURING HYDROSEEDING.

**GSWCC LEVEL II CERTIFICATIONS**

I CERTIFY UNDER PENALTY OF LAW THAT THIS PLAN WAS PREPARED AFTER A SITE VISIT TO THE LOCATIONS DESCRIBED HEREIN BY MYSELF OR MY AUTHORIZED AGENT, UNDER MY SUPERVISION.

I CERTIFY THAT THE PERMITTEE'S EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN PROVIDES FOR AN APPROPRIATE AND COMPREHENSIVE SYSTEM OF BEST MANAGEMENT PRACTICES REQUIRED BY THE GEORGIA WATER QUALITY CONTROL ACT AND THE DOCUMENT MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA (MANUAL), PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH THE LAND-DISTURBING ACTIVITY WAS PERMITTED, PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALLS AND THAT THE DESIGNATED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENTS CONTAINED IN THE GENERAL NPDES PERMIT NO. GA8 100001.

SIGNED: *[Signature]* DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M TANNER  
 GSWCC CERTIFICATION NO. LEVEL II \* 0000029448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**FINAL EROSION SUMMARY**

CONTRACTOR SHALL MAINTAIN ALL PREVIOUSLY INSTALLED BMPs AS REQUIRED, INSTALL CONSTRUCTION ROAD. ALL AREAS SHALL BE STABILIZED WITH AS SHOWN IN THE PLANS.

ALL PREVIOUS AREAS OF DISTURBANCE NOT SHOWN TO BE SODDED OR MULCHED SHALL BE PREPARED PER TECHNICAL SPECS AND SEEDDED WITH BERMUDA GRASS. (Ds3) FINAL STABILIZATION SHALL MEAN MIN. 70% DENSITY WITH 100% COVERAGE.

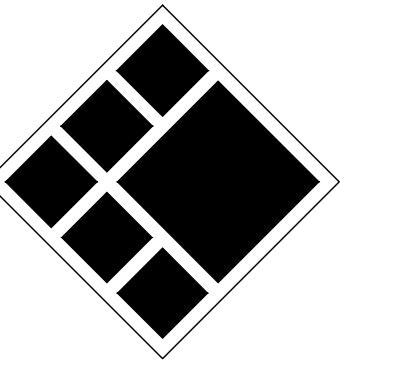
WHEN STABILIZATION HAS BEEN ACHIEVED IN ACCORDANCE WITH THE NPDES PERMIT AND CONTRACT DOCUMENTS, THE NOT. SHALL BE FILED AND ALL REMAINING TEMPORARY BMPs REMOVED.

**PERMANENT STABILIZATION LEGEND**

Ds3	BIO-RETENTION GRASS, WILD FLOWER MIX (BASIS OF DESIGN - SHADY RAIN GARDEN MIX W/ ROUNDSTONE SEED CO. - SOU D PLS IN FALL AND A 2ND D PLS APPLICATION IN SPRING)	
Ds3	PERMANENT TURF BY HYDROSEEDING BERMUDA GRASS.	
Ds4	SOD - BERMUDA TRUWAY 419	
Ss	APPLY SLOPE STABILIZATION ON ALL SLOPES 3H:1 AND STEEPER	



208 Pirkle Ferry Road, Suite C  
 Cumming, GA 30040



**BREEDLOVE LAND PLANNING**  
 Landscape Architects & Civil Engineers  
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**BLP PROJ. NO. 22158**



**ROCKDALE COUNTY FIRE TRAINING CAMPUS**

**ROCKDALE COUNTY BOARD OF COMMISSIONERS**

3111 SW HIGHWAY 212  
 CONYERS, GEORGIA 30012

**PRINT RECORD**

No.	DATE	DESCRIPTION
1	07/31/2023	LDP SUBMITTAL
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4	01/16/2024	LDP RESUBMITTAL

Drawn By: JRQ  
 Checked By: BAM  
 Date: 05/05/2023  
 Job No.: 22051

Sheet Title: **ES&PC PLAN - FINAL PHASE**

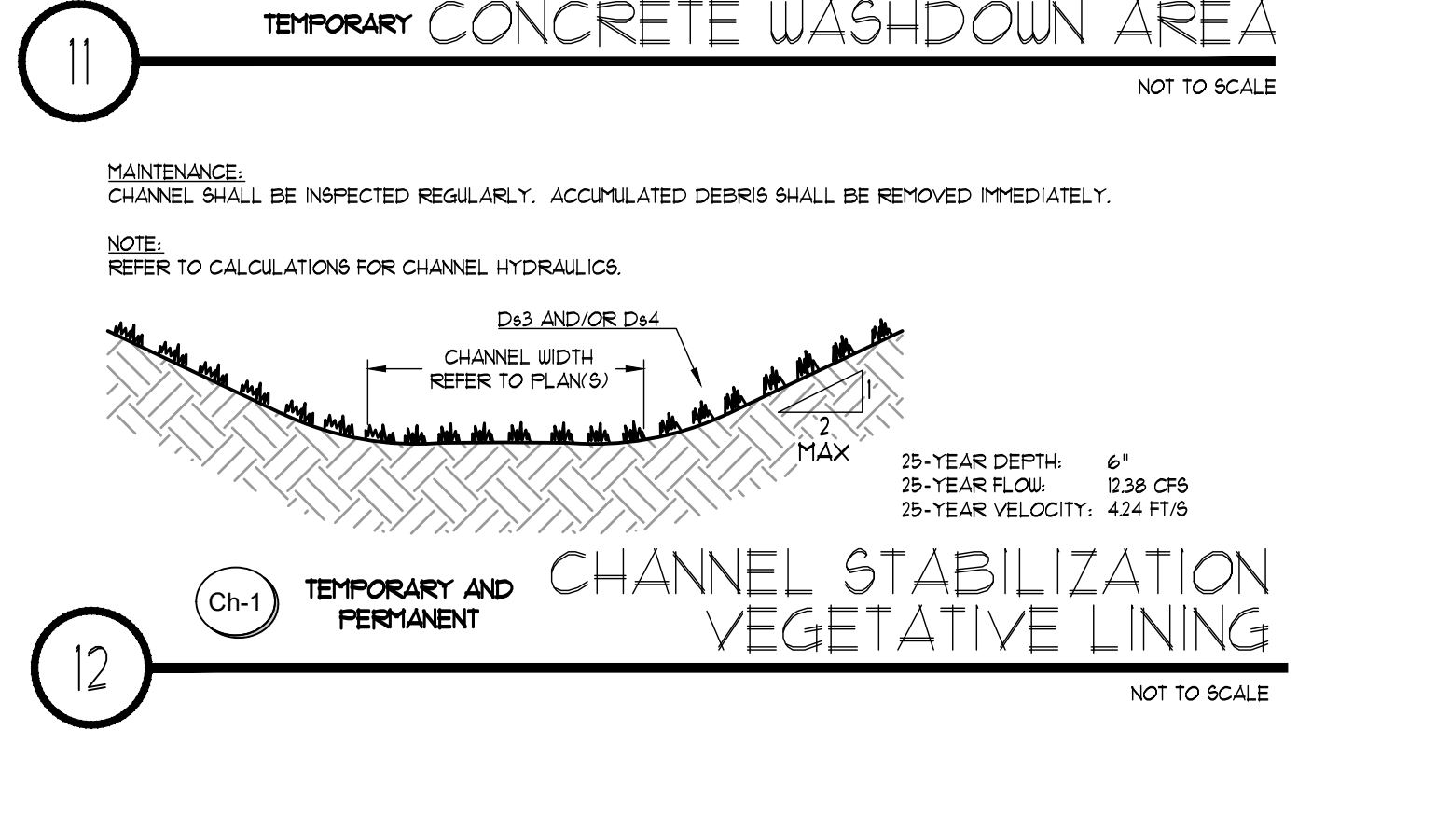
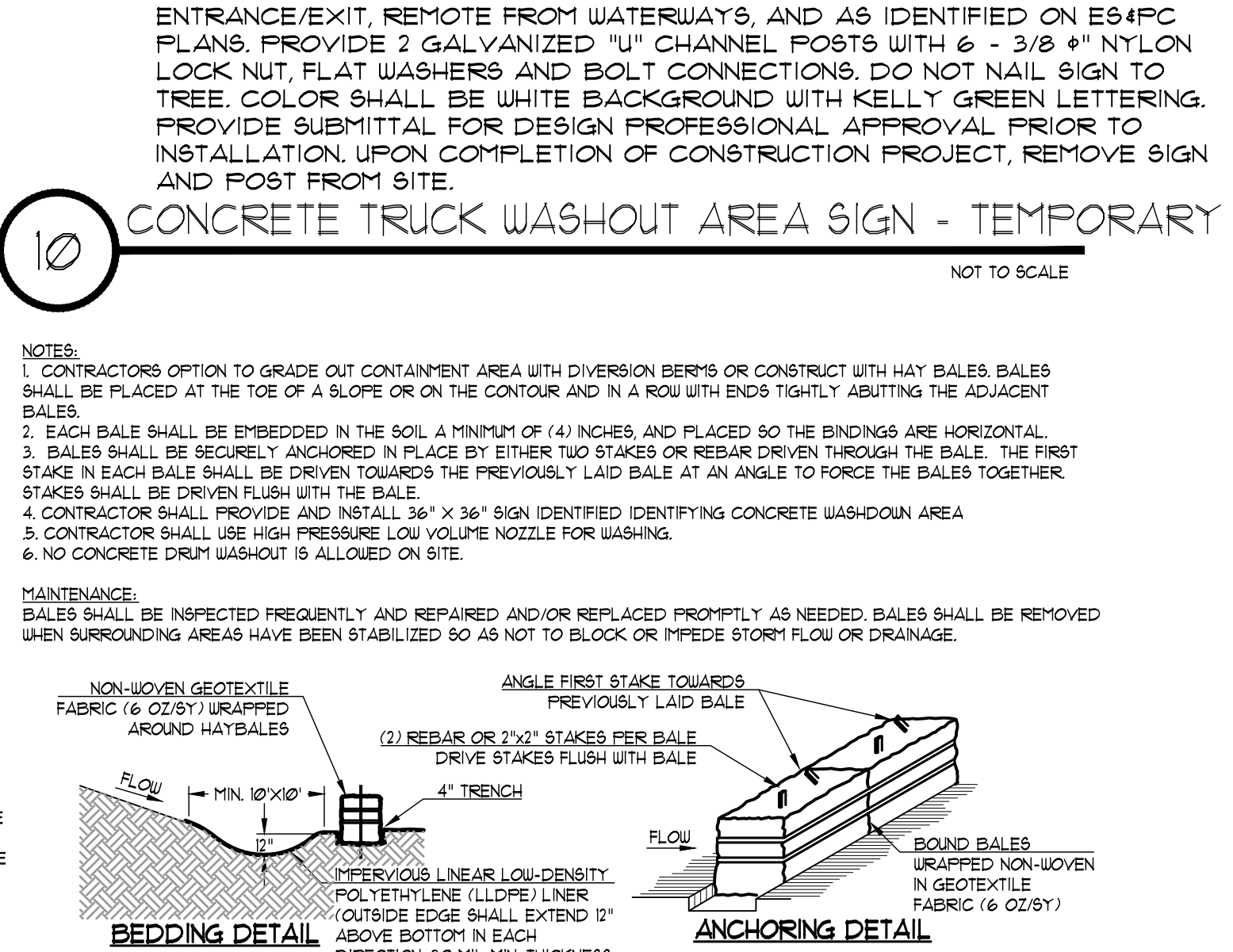
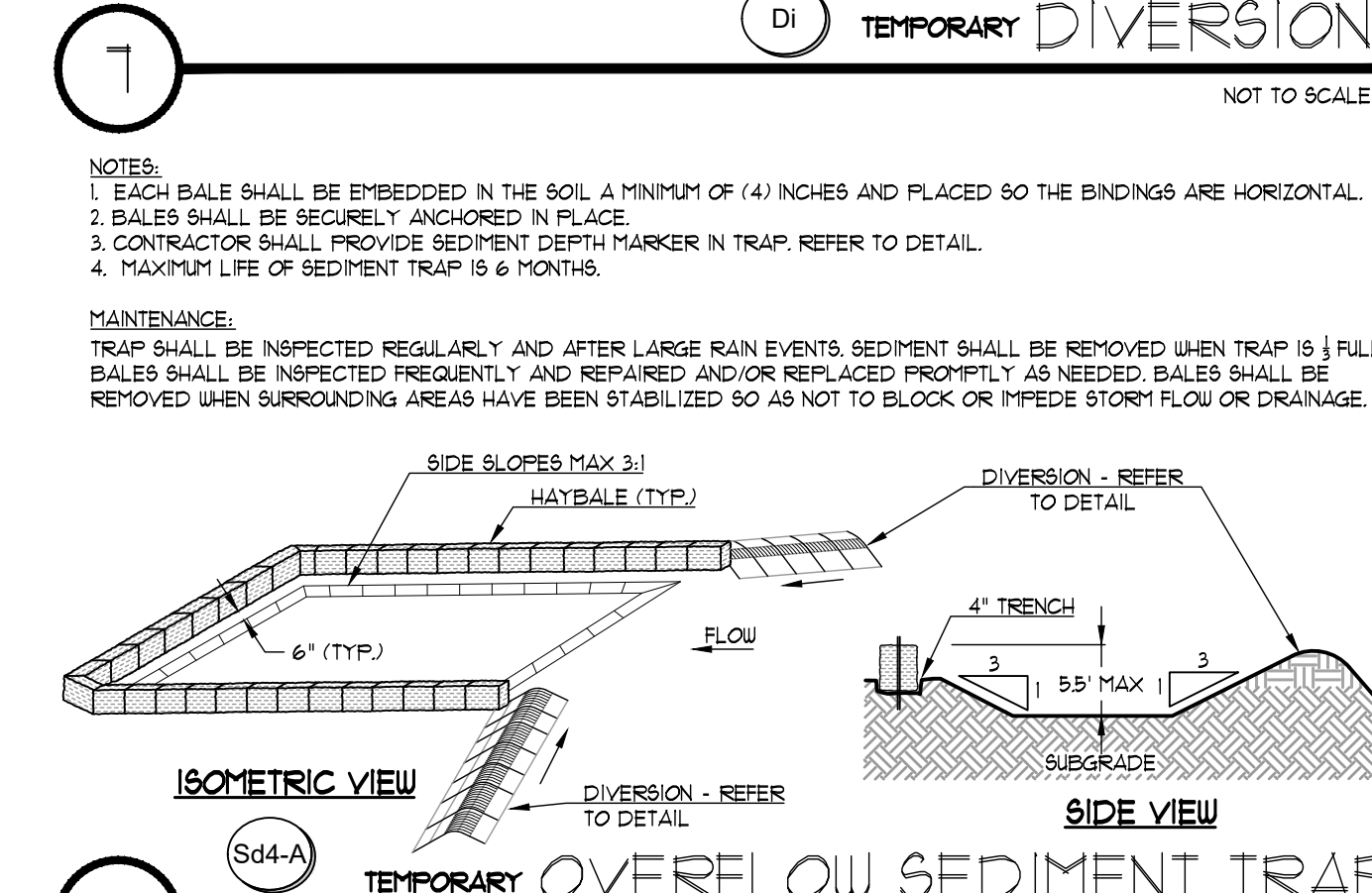
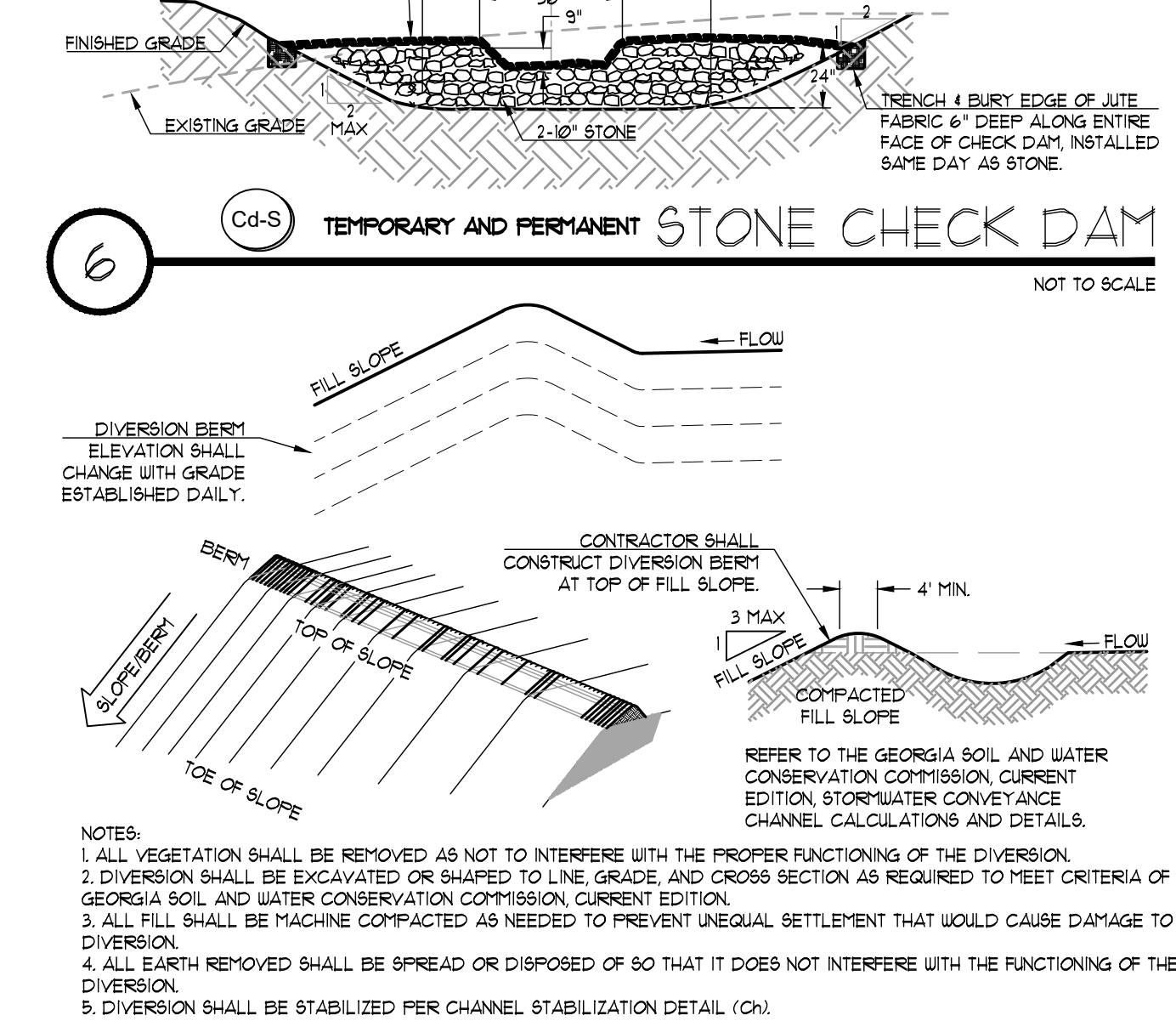
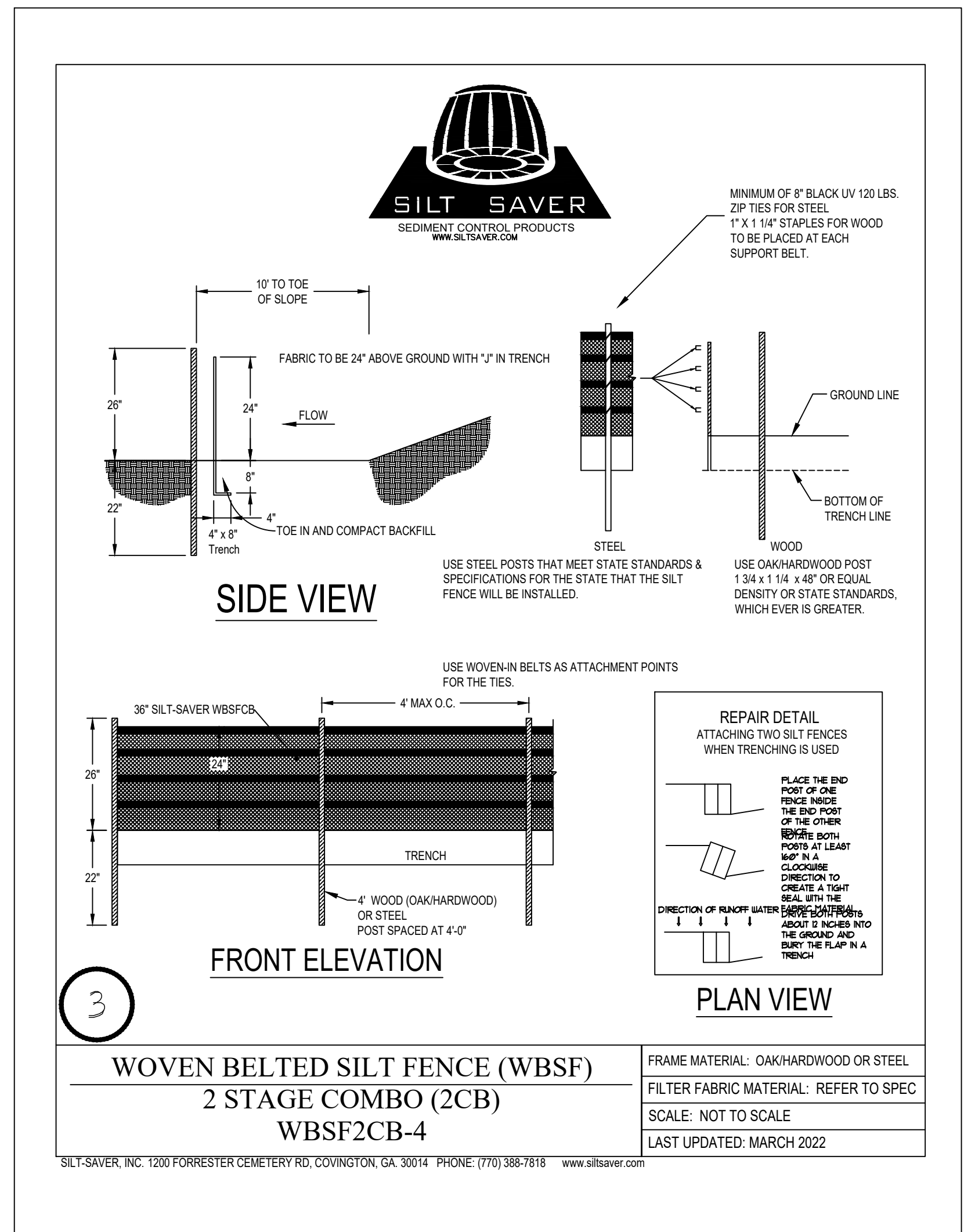
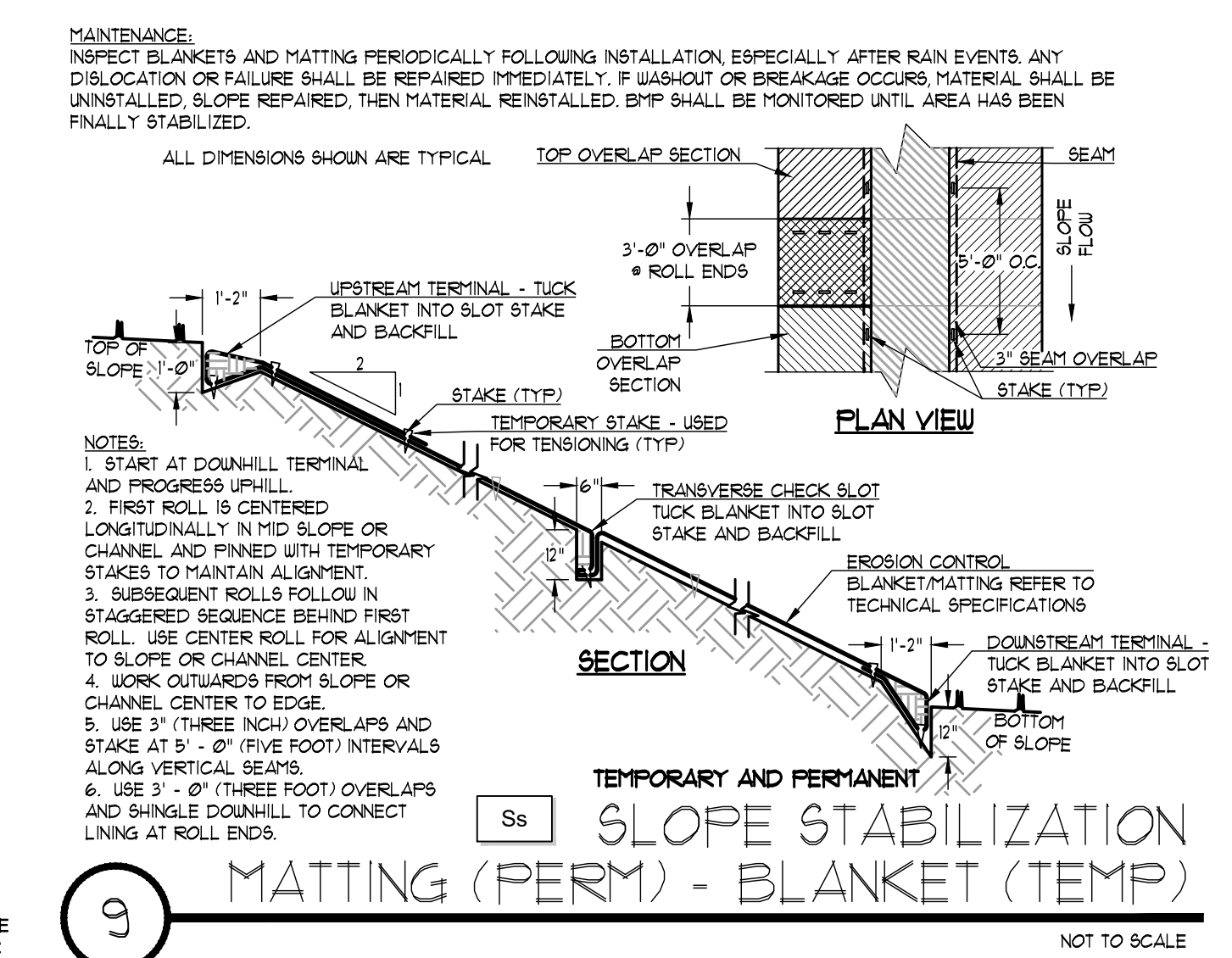
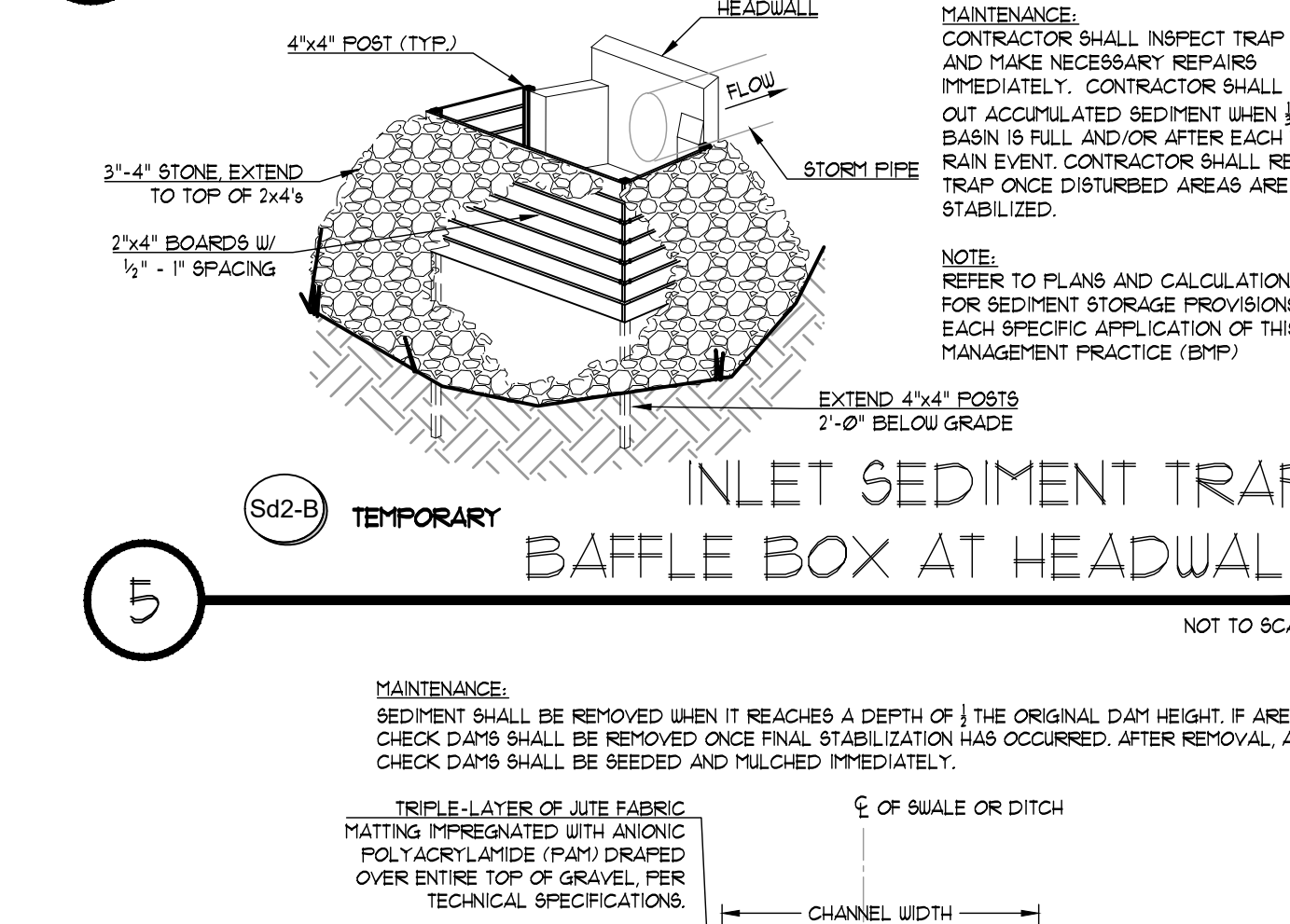
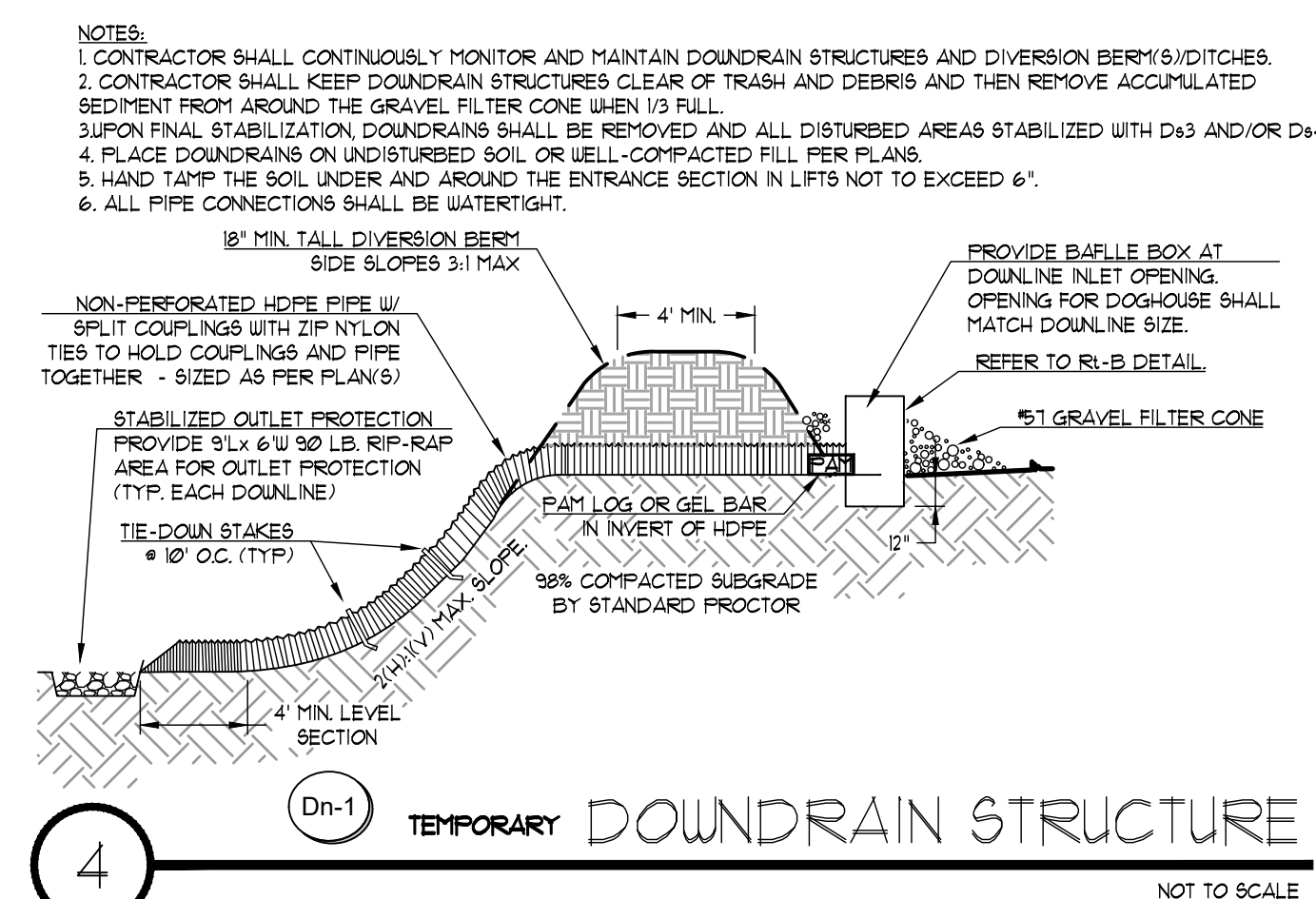
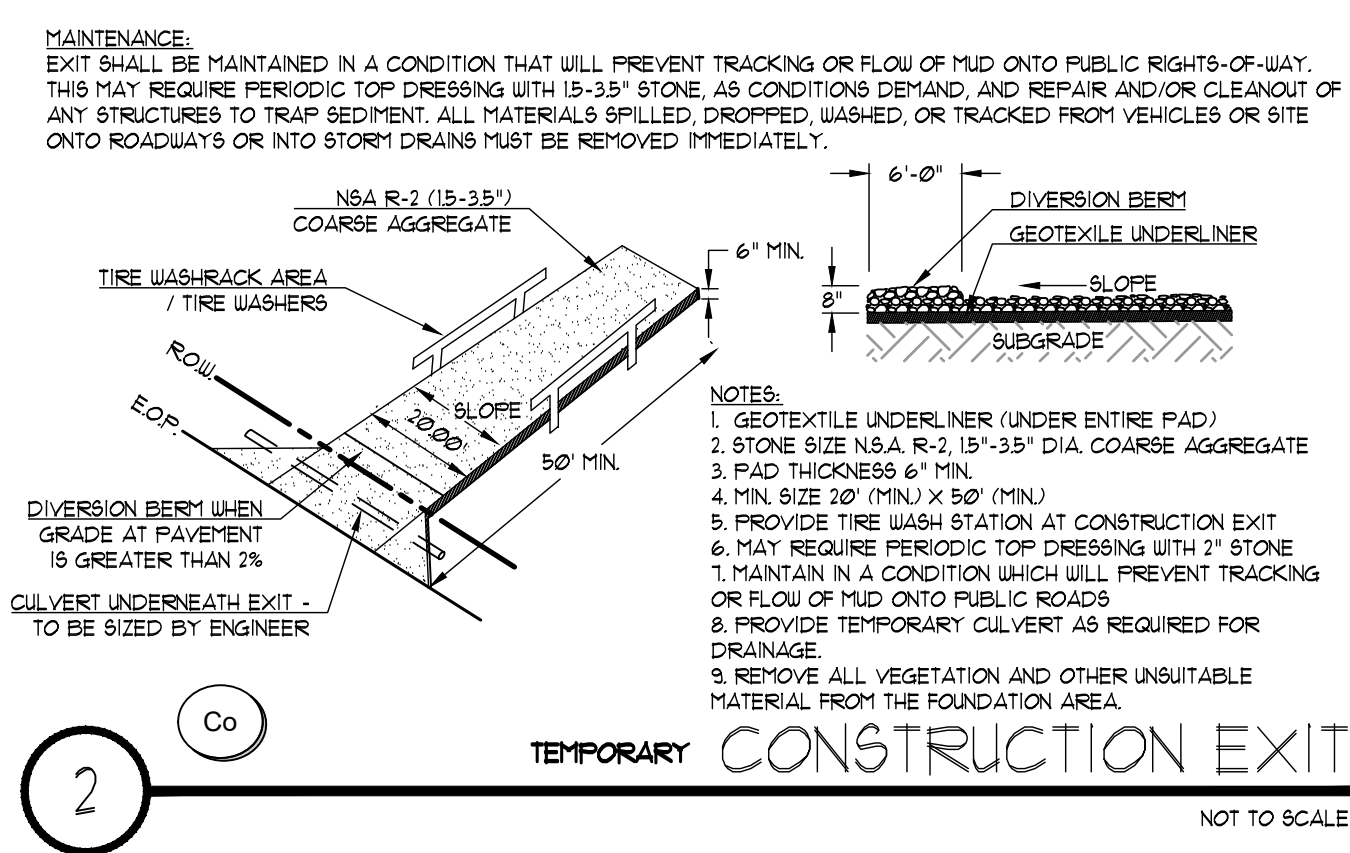
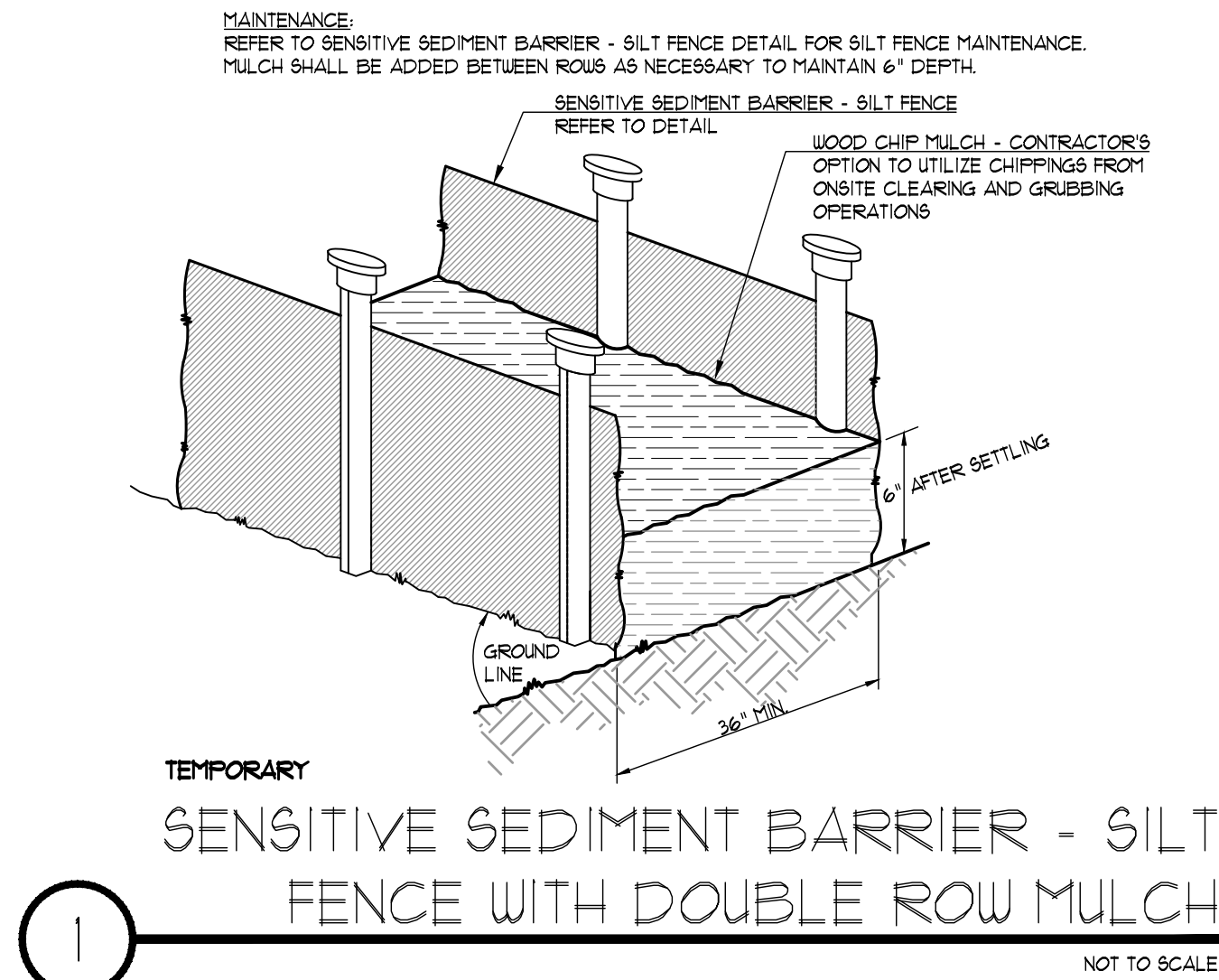
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5/5/2023 1:47:32 PM




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**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED:  DATE: 01-16-2024

CERTIFIED DESIGN PROFESSIONAL: JUSTIN M. TANNER  
 GSWCC CERTIFICATION NO. LEVEL II # 00000019448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

**GSWCC CHECKLIST LEGEND**

55 GSWCC CHECKLIST ITEM NUMBER

**24-HOUR EROSION CONTACT**

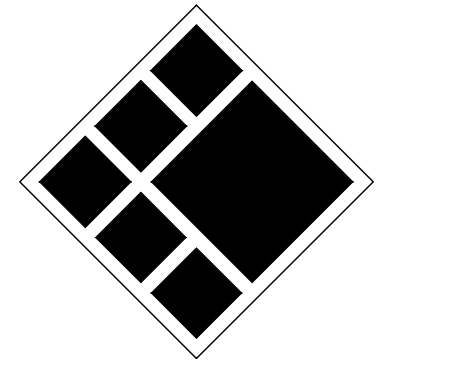
NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
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1	07/31/2023	LDP SUBMITTAL
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3	10/12/2023	LDP SUBMITTAL
4	01/16/2024	LDP RESUBMITTAL

Drawn By: JRC  
 Checked By: BAM

Date: 05/05/2023  
 Job No.: 22051

Sheet Title:

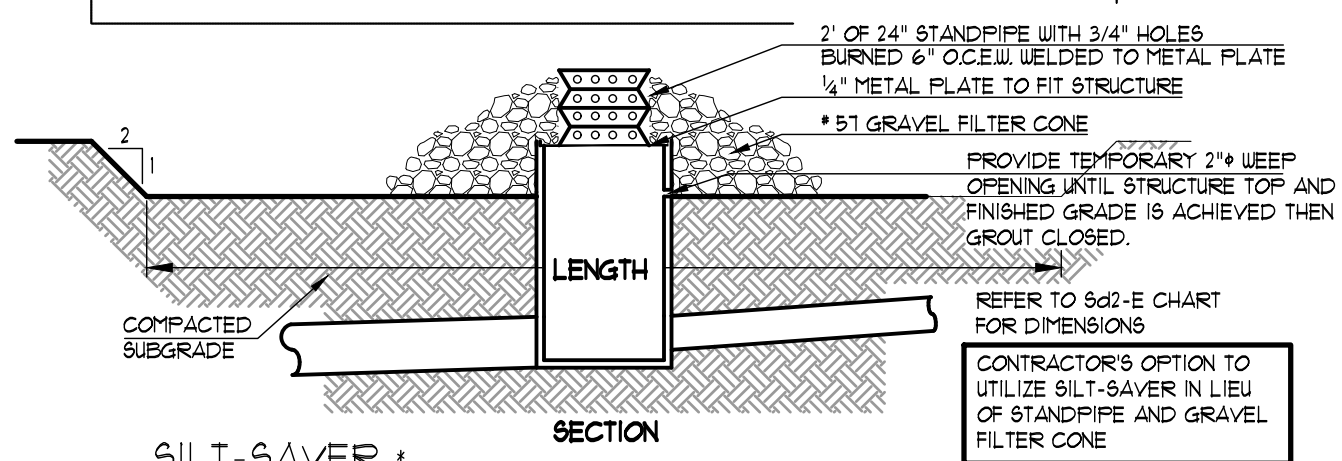
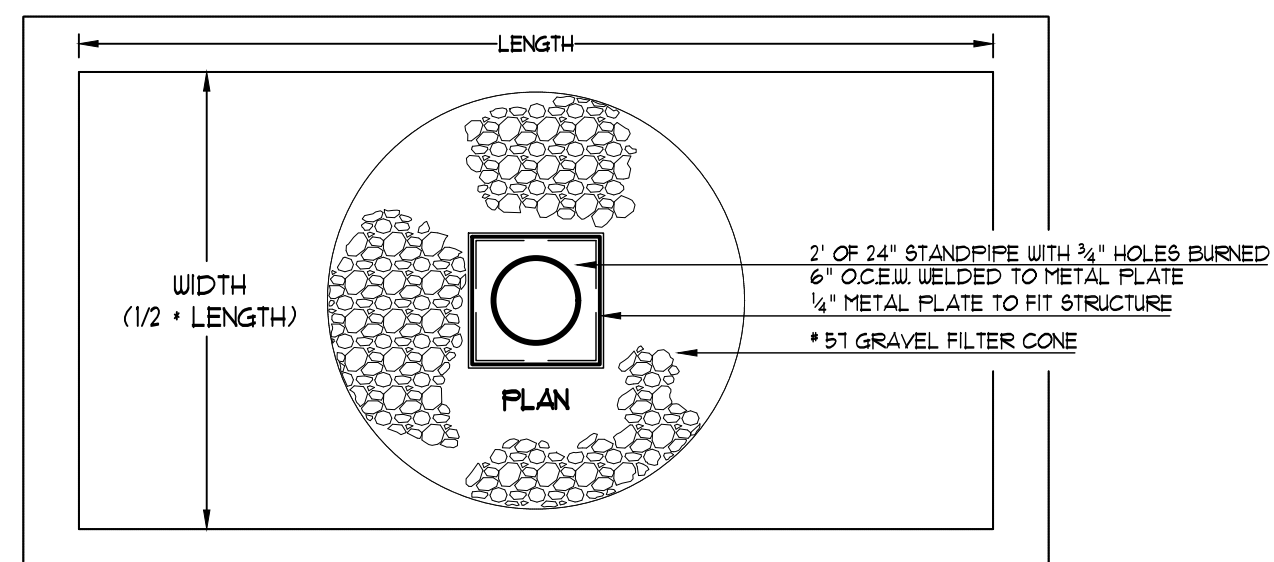
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Sheet No. **C-4.50**

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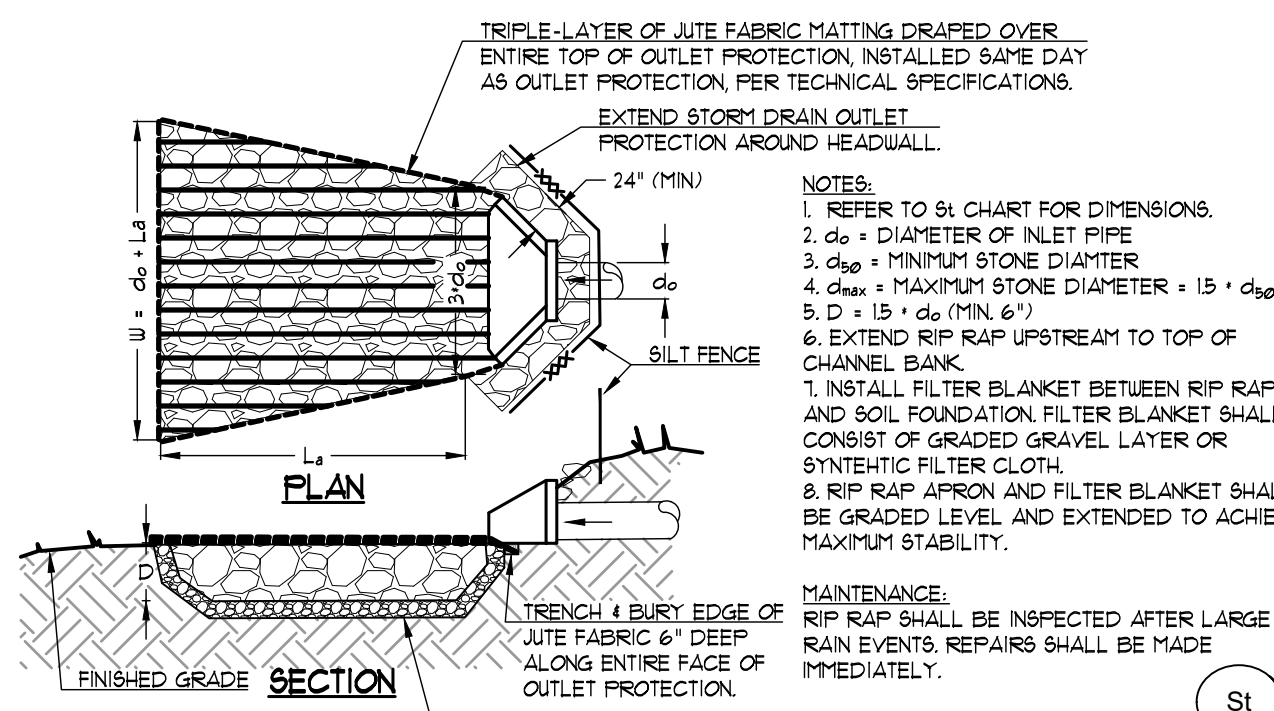
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Conyers, GA 30024  
Phone: (770) 388-7618  
Fax: (770) 388-7640  
Toll Free: 1-888-382-SILT (1458)  
OR APPROVED EQUAL

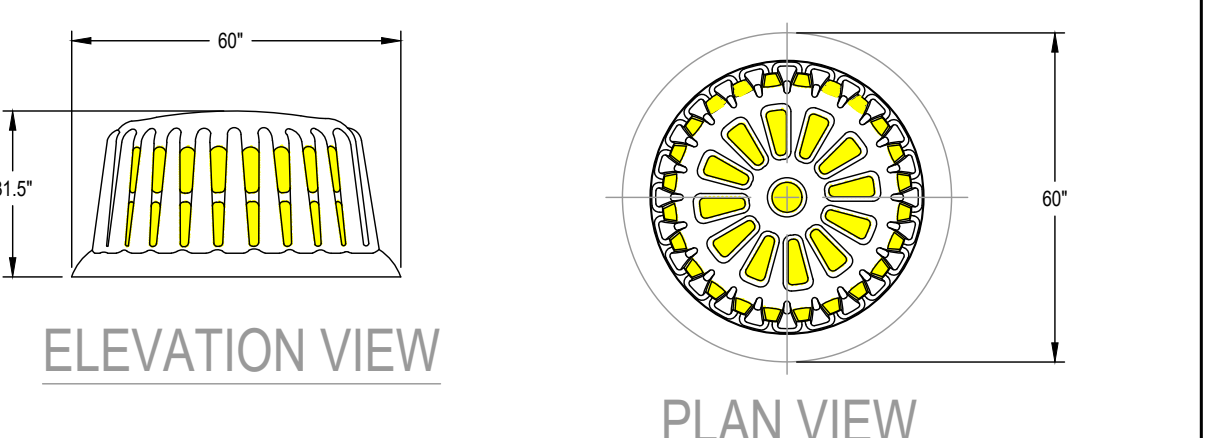
**EXCAVATED TEMPORARY INLET SEDIMENT TRAP**

NOT TO SCALE



**TEMPORARY AND PERMANENT STORM DRAIN OUTLET PROTECTION MINIMUM TAILWATER CONDITION**

NOT TO SCALE



**ROUND BASE FRAME & FILTER ASSEMBLY**  
60" DIAMETER  
Model # R-100A  
FRAME MATERIAL: BLACK PE  
FILTER FABRIC MATERIAL: REFER TO SPEC  
SCALE: NOT TO SCALE  
LAST UPDATED: MARCH 2021

SILT-SAVER, INC. 1200 FORRESTER CEMETERY RD. CONYINGTON, GA 30014 PHONE: (770) 388-7618 FAX: (770) 388-7640 TOLL FREE: 1-888-382-SILT (1458) www.silt-saver.com

NOTE: REFER TO PLANS AND CALCULATIONS SHEET FOR SEDIMENT STORAGE PROVISIONS FOR EACH SPECIFIC APPLICATION OF THIS BEST MANAGEMENT PRACTICE (BMP)

**TEMPORARY INLET SEDIMENT TRAP**

NOT TO SCALE

SOD APPLICATION <span style="float: right;">Ds4</span>			
GRASS	VARIETIES	RESOURCE AREA	GROWING SEASON
BERMUDA GRASS	COMMON TIFWAY TIFGREEN TIFLAWN	M-L,P,C P,C P,C P,C	WARM WEATHER
BAHIA GRASS	PENSACOLA	P,C	WARM WEATHER
CENTIFEDE		P,C	WARM WEATHER
ST. AUGUSTINE	COMMON BITTERBLUE RALEIGH	C C C	WARM WEATHER
ZOYSIA	EMERALD MYER	P,C P,C	WARM WEATHER
TALL FESCUE	KENTUCKY	M-L,P	COOL WEATHER

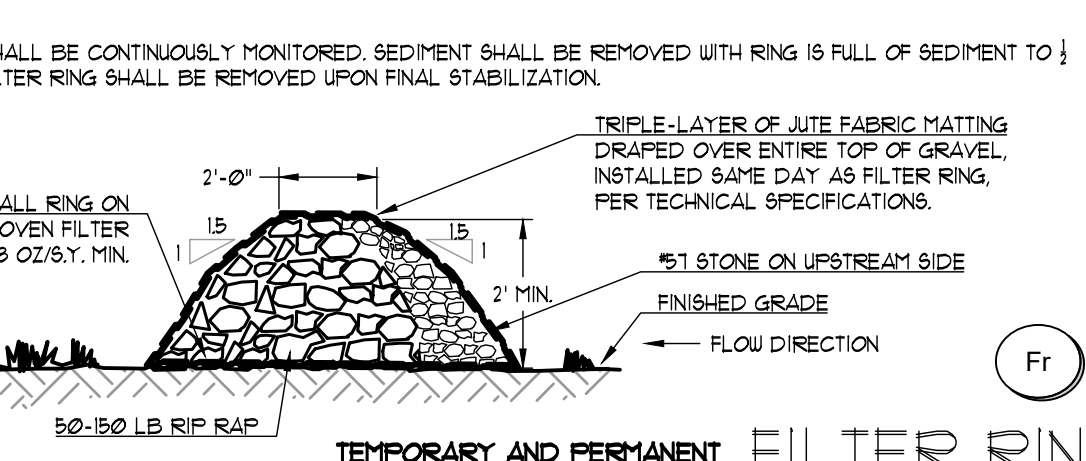
PIEDMONT VEGETATIVE COVERS			SOIL AMENDMENTS			
MONTH	TEMPORARY	Ds2	PERMANENT	Ds3	6-12-12	AMMONIA NITRATE
JANUARY	RYE GRASS	40 LBS	UNHILLED BERMUDA SERICEA LESPEDEZA	10 LBS - 8 LBS 40 LBS - 30 LBS	60 LBS PER 1000 SQFT.	300 LBS PER ACRE
FEBRUARY	RYE GRASS	40 LBS	UNHILLED BERMUDA SERICEA LESPEDEZA (2) FESCUE	10 LBS - 8 LBS 40 LBS - 30 LBS 50 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
MARCH	RYE GRASS ANNUAL LESPEDEZA (2) WEEPING LOVEGRASS	2-3 BU 30 LBS - 25 LBS 4 LBS - 2 LBS	UNHILLED BERMUDA SERICEA LESPEDEZA (12) FESCUE	10 LBS - 8 LBS 40 LBS - 30 LBS 50 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
APRIL	ANNUAL LESPEDEZA (2) RYE BROWN TOP MILLET SUDAN GRASS	30 LBS - 25 LBS 3 BU - 0.5 BU 40 LBS - 30 LBS 35 LBS	WEEPING LOVEGRASS HILLED BERMUDA BAHIA	6 LBS - 6 LBS 10 LBS - 8 LBS 60 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
MAY	WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET				60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
JUNE	WEEPING LOVEGRASS SUDAN GRASS BROWN TOP MILLET	6 LBS - 6 LBS 35 LBS 40 LBS - 15 LBS	WEEPING LOVEGRASS HILLED BERMUDA BAHIA	6 LBS - 6 LBS 10 LBS - 8 LBS 60 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
JULY	SAME AS JUNE	6 LBS - 6 LBS 35 LBS 40 LBS - 15 LBS	WEEPING LOVEGRASS HILLED BERMUDA BAHIA	6 LBS - 6 LBS 10 LBS - 8 LBS 60 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
AUGUST	WEEPING LOVEGRASS RYE GRASS	6 LBS - 6 LBS 40 LBS			60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
SEPTEMBER			FESCUE	50 LBS - 30 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
OCTOBER	WHEAT	3 BU - 0.5 BU	UNHILLED BERMUDA SERICEA LESPEDEZA (2) FESCUE	10 LBS - 8 LBS 40 LBS - 30 LBS 50 LBS - 40 LBS	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
NOVEMBER	SAME AS OCTOBER		SAME AS OCTOBER	SAME AS OCTOBER	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE
DECEMBER	SAME AS OCTOBER		SAME AS OCTOBER	SAME AS OCTOBER	60 LBS PER 1000 SQFT.	40 LBS PER 1000 SQFT. 300 LBS PER ACRE

**VEGETATIVE PLAN- PIEDMONT VEGETATIVE COVERS**

MULCHING APPLICATION <span style="float: right;">Ds1</span>		
MATERIAL	RATE	DEPTH
STRAW OR HAY	2 1/2 TON PER ACRE	6"-10"
WOOD WASTE, CHIPS, SAWDUST, BARK	6-9 TON PER ACRE	2"-3"

FOR FINAL STABILIZATION BED MULCH, CONTRACTOR SHALL PROVIDE MIN 3" CLEAN PINE NEEDLES, SEE PLANTING DETAILS ON C701

**MULCHING APPLICATION TABLE**



**TEMPORARY AND PERMANENT FILTER RING**

NOT TO SCALE

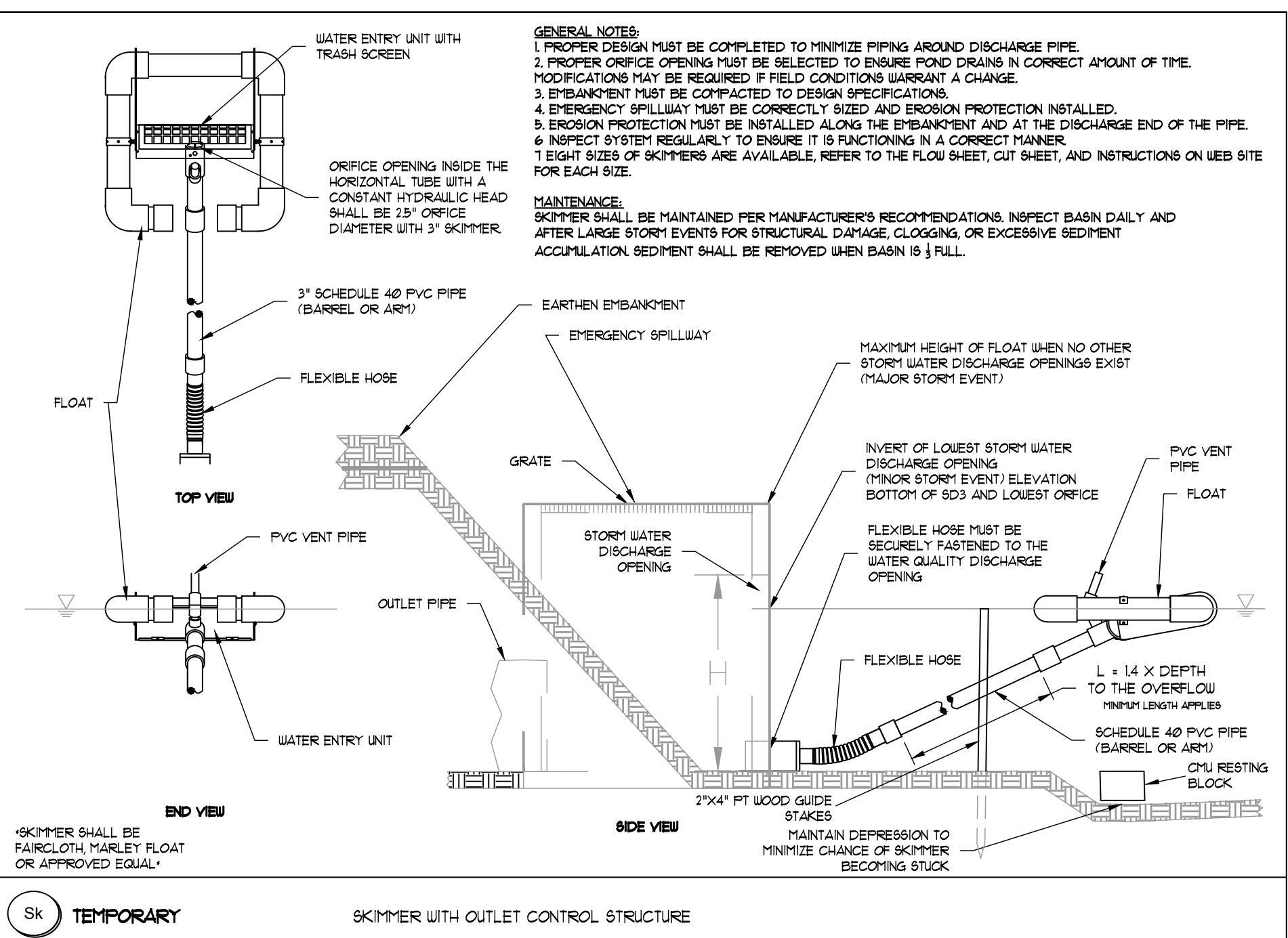
**7-DAY LETTER CERTIFICATION**  
THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.  
SIGNED: [Signature] DATE: 01/16/2024  
CERTIFIED DESIGN PROFESSIONAL, JUSTIN TANNER  
GSWCC CERTIFICATION NO. LEVEL II \* 00000025448  
EXPIRATION DATE: 02-25-2024  
COMPANY: BREEDLOVE LAND PLANNING, INC.

**GSWCC CHECKLIST LEGEND**  
65 GSWCC CHECKLIST ITEM NUMBER

**Table 6-5.1. Fertilizer Requirements**

TYPE OF SPECIES	YEAR	ANALYSIS OR EQUIVALENT N-P-K	RATE	N TOP DRESSING RATE
1. Cool season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 1/2/30
	Second	6-12-12	1000 lbs./ac.	
	Maintenance	10-10-10	400 lbs./ac.	
2. Cool season grasses and legumes	First	6-12-12	1500 lbs./ac.	0-50 lbs./ac. 1/
	Second	0-10-10	1000 lbs./ac.	
	Maintenance	0-10-10	400 lbs./ac.	
3. Ground covers	First	10-10-10	1300 lbs./ac. 3/	—
	Second	10-10-10	1300 lbs./ac. 3/	
	Maintenance	10-10-10	1100 lbs./ac.	
4. Pine seedlings	First	20-10-5	one 21-gram pellet per seedling placed in the closing hole	—
5. Shrub Lespedeza	First	0-10-10	700 lbs./ac.	—
	Maintenance	0-10-10	700 lbs./ac. 4/	
6. Temporary cover crops seeded alone	First	10-10-10	500 lbs./ac.	30 lbs./ac. 5/
7. Warm season grasses	First	6-12-12	1500 lbs./ac.	50-100 lbs./ac. 2/6/
	Second	6-12-12	800 lbs./ac.	
	Maintenance	10-10-10	400 lbs./ac.	
8. Warm season grasses and legumes	First	6-12-12	1500 lbs./ac.	50 lbs./ac. 6/
	Second	0-10-10	1000 lbs./ac.	
	Maintenance	0-10-10	400 lbs./ac.	

**Calculate Skimmer Size**  
Basin Volume in Cubic Feet: 90,100 Cu.Ft  
Days to Drain\*: 2 Days  
Skimmer Size: 6.0 Inch  
Orifice Radius: 2.8 Inch[es]  
Orifice Diameter: 5.6 Inch[es]



**SKIMMER OUTLET WITH OUTLET CONTROL STRUCTURE**

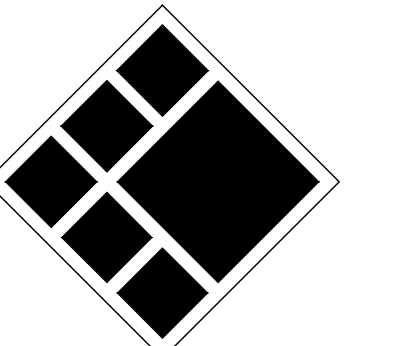
NOT TO SCALE

**24-HOUR EROSION CONTACT**  
NAME: ANDREW HAMMER  
COMPANY: ROCKDALE COUNTY BOC  
EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
PHONE NUMBER: 678-381-1081

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Drawn By: JRQ  
Checked By: BAM  
Date: 05/05/2023  
Job No.: 22051

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Sheet No.

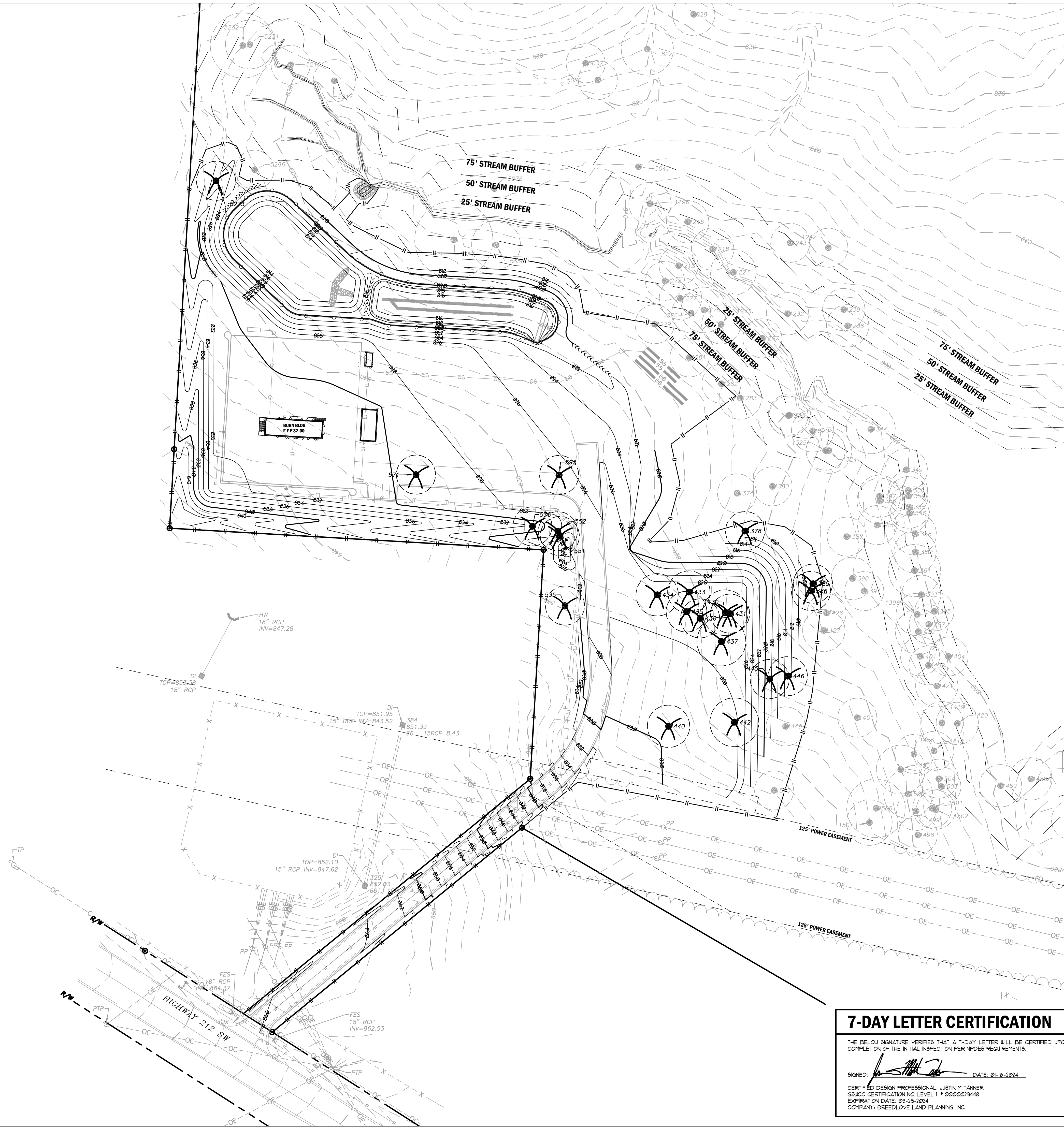
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**TREE CALCULATIONS**

OVERALL DENSITY FACTOR (ODF) =  
 UNITS PER ACRE REQUIRED = 19,000 UNITS  
 TOTAL PROJECT AREA = 61.43 ACRES  
 61.43 x 19,000 = 1,167,170 ODF

EXISTING DENSITY FACTOR (EDF) = 107,030 UNITS  
 (ONLY TREES 24" AND LARGER WERE SURVEYED.)

TOTAL UNITS REMOVED = 180,39 UNITS  
 (ONLY TREES 24" AND LARGER WERE SURVEYED.)

TOTAL TREE SAVE AREA = 93.30 ACRES  
 TOTAL UNITS REMAINING = 890,000 UNITS  
 (ONLY TREES 24" AND LARGER WERE SURVEYED.)

CALCULATIONS ARE BASED ONLY ON TREES 24" AND LARGER.  
 890,000 UNITS REMAIN ON SITE. SITE VISITS GIVE REASON TO BELIEVE  
 MORE THAN 11.45 UNITS ARE TO BE PRESERVED ON SITE. 59.28 ACRES  
 OF FOREST ARE TO REMAIN UNDISTURBED.

**ROCKDALE COUNTY NOTES**

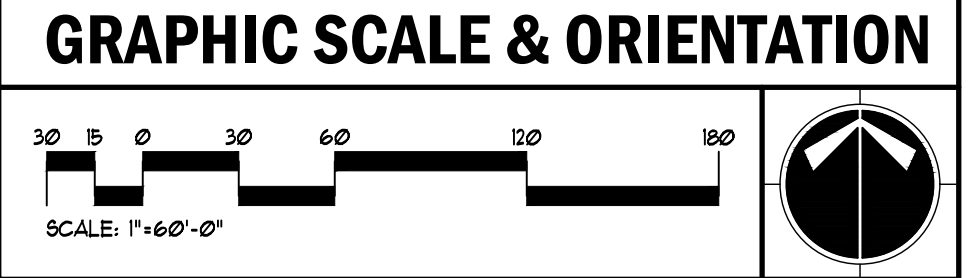
- DESIGN AND CONSTRUCTION OF ALL WATER AND SANITARY SEWER LINES SHALL CONFORM TO ROCKDALE WATER RESOURCES WATER AND WASTEWATER STANDARDS AND SPECIFICATIONS, LATEST EDITION.
- CONTRACTOR WILL NOTIFY RAIR ENGINEERING DEPARTMENT AT LEAST 12 HOURS PRIOR TO BEGINNING OF CONSTRUCTION ON WATER AND SEWER AND INSPECTOR WILL BE ASSIGNED AND A PRE-CONSTRUCTION MEETING SCHEDULED AT THIS TIME.
- "AS-BUILT" DRAWINGS SHALL BE FIELD VERIFIED AND STAMPED BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR LICENSED IN THE STATE OF GEORGIA.
- THE CONTRACTOR SHALL COMPLY WITH ALL UTILITIES PROTECTION CENTER REQUIREMENTS.

**GENERAL NOTES**

- PROPOSED BUILDING USE: BURN BUILDING.  
 CONTRACTOR SHALL VERIFY CONDITIONS AND DIMENSIONS BEFORE PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES FOUND SHALL BE REPORTED TO THE OWNER FOR CLARIFICATION AND/OR CORRECTION BEFORE PROCEEDING WITH THE WORK. CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR DISCREPANCIES WHICH ARE NOT REPORTED.
- CONTRACTOR SHALL STAKE ALL BLEACHER AND FOUNDATION CORNERS AND OBTAIN OWNER'S APPROVAL BEFORE POURING ANY FOOTINGS.
- CONTRACTOR SHALL HAVE PRIVATE UTILITY LOCATE PERFORMED THROUGHOUT PROJECT AREA PRIOR TO BEGINNING ANY CONSTRUCTION.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REQUIRED PERMITS AND ANY REQUIREMENTS NECESSARY TO OBTAIN CERTIFICATE OF OCCUPANCY.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURE ADA ACCESSIBILITY.

**24-HOUR EROSION CONTACT**

NAME: ANDREW HAMMER  
 COMPANY: ROCKDALE COUNTY BOC  
 EMAIL ADDRESS: ANDREW.HAMMER@ROCKDALECOUNTYGA.GOV  
 PHONE NUMBER: 678-381-1081



**UTILITY LOCATION NOTES**

- CONTRACTOR SHALL BE RESPONSIBLE TO SECURE THE SERVICES OF A PRIVATE UTILITY LOCATOR FIRM DURING THE ENTIRE COURSE OF CONSTRUCTION. CONTRACTOR SHALL PAY FOR SAID SERVICES.
- CONTRACTOR SHALL IMMEDIATELY REPAIR ALL UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
- THE UTILITIES SHOWN ARE SCHEMATIC AND FOR THE CONTRACTOR'S CONVENIENCE ONLY. THERE MAY BE OTHER UTILITIES NOT SHOWN ON THESE PLANS. THE DESIGN PROFESSIONAL ASSUMES NO RESPONSIBILITY FOR THE LOCATIONS SHOWN AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATIONS OF UTILITIES WITHIN THE LIMITS OF THE WORK. DAMAGE TO EXISTING UTILITIES BY THE CONTRACTOR, FROM HIS/HER OPERATIONS SHALL BE IMMEDIATELY REPAIRED AT NO ADDITIONAL COST TO THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR COMPACTION OF BACKFILL OF ALL UTILITY TRENCHES WITHIN SITE WORK LIMITS. THIS INCLUDES TRENCHES DUG AND BACKFILLED BY LOCAL UTILITIES, SUCH AS POWER, GAS, TELEPHONE, ETC. CONTRACTOR SHALL PROVIDE ADDITIONAL BACKFILL AND COMPACTION AS NECESSARY, IF SETTLEMENT OCCURS.

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**GEORGIA811**  
 www.Georgia811.com

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**7-DAY LETTER CERTIFICATION**

THE BELOW SIGNATURE VERIFIES THAT A 7-DAY LETTER WILL BE CERTIFIED UPON COMPLETION OF THE INITIAL INSPECTION PER NPDES REQUIREMENTS.

SIGNED: *Justin M Tanner* DATE: 01-18-2024

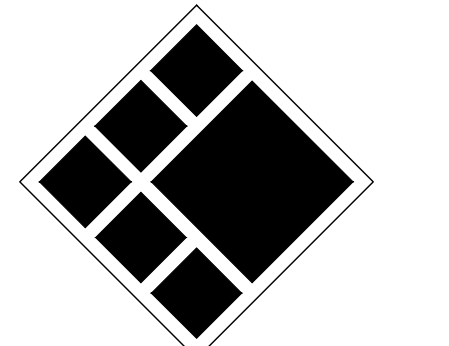
CERTIFIED DESIGN PROFESSIONAL, JUSTIN M TANNER  
 GEUCO CERTIFICATION NO. LEVEL II \* 0000029448  
 EXPIRATION DATE: 03-29-2024  
 COMPANY: BREEDLOVE LAND PLANNING, INC.

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Drawn By: JRQ  
 Checked By: BAM

Date: 05/05/2023  
 Job No.: 22051

Sheet Title: **TREE PROTECTION PLAN**

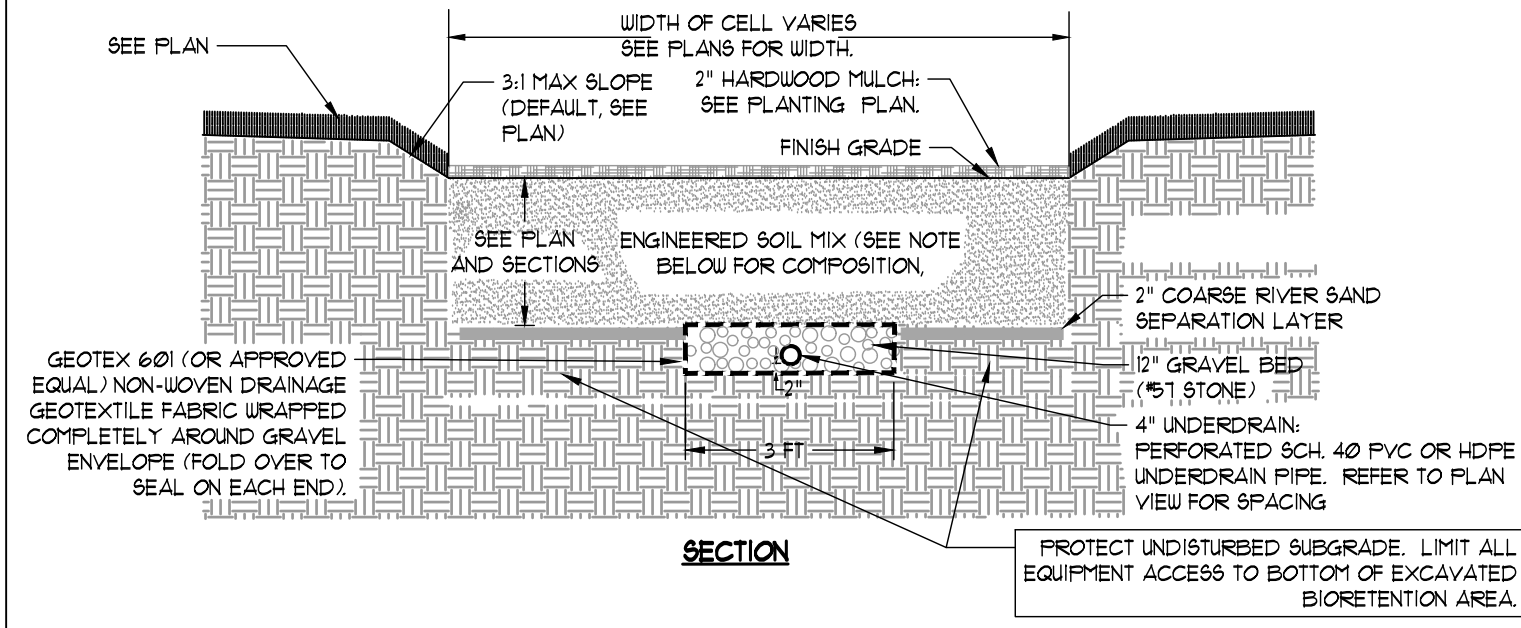
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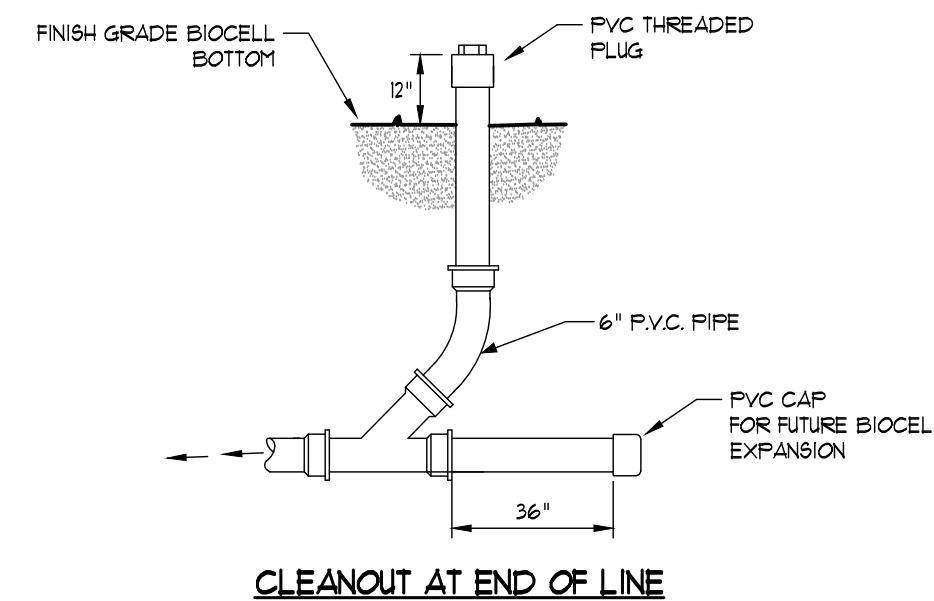


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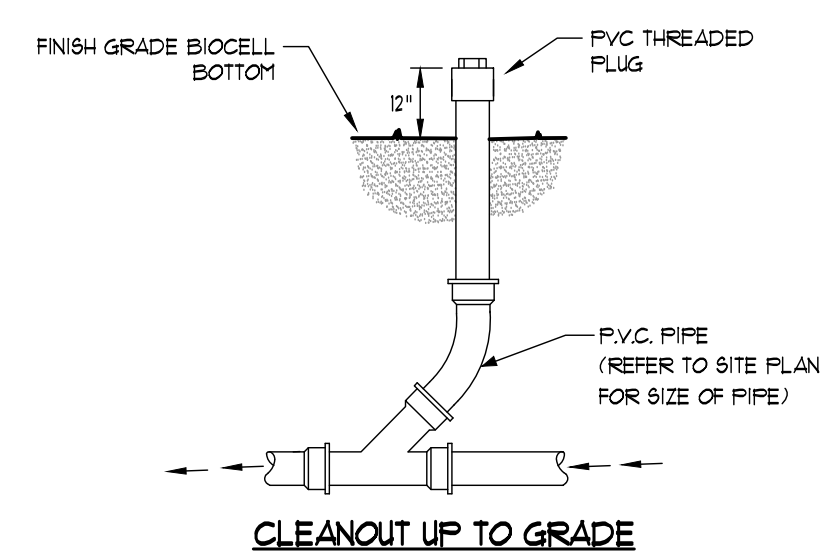


- NOTES:**
- BIOCELL SOIL MEDIA
    - 80% COARSE WASHED SAND (0.075" TO 0.04" DIA. PER AASHTO M-6 OR ASTM C-33 CONC. SAND)/20% ORGANIC COMPOST
    - 15% ORGANIC COMPOST
    - 5% ONSITE TOPSOIL
- DO NOT INSTALL MEDIA UNTIL UPSTREAM AREAS ARE STABILIZED.
- MEDIA COMPONENTS SHALL BE BLENDED THOROUGHLY AND INSTALLED IN 6" LIFTS WITH A BLOWER OR CONVEYOR BELT TYPE APPLICATION TO MINIMIZE COMPACTION AND ENSURE EVEN DISTRIBUTION. EACH LIFT SHALL BE THOROUGHLY LETTED.
- MEDIATELY AFTER INSTALLATION OF MEDIA, PROVIDE TEMPORARY (ANNUAL RYE GRASS) OR PERMANENT GRASSING DEPENDENT ON SEASON.

**1** BIO-RETENTION CELL NOT TO SCALE

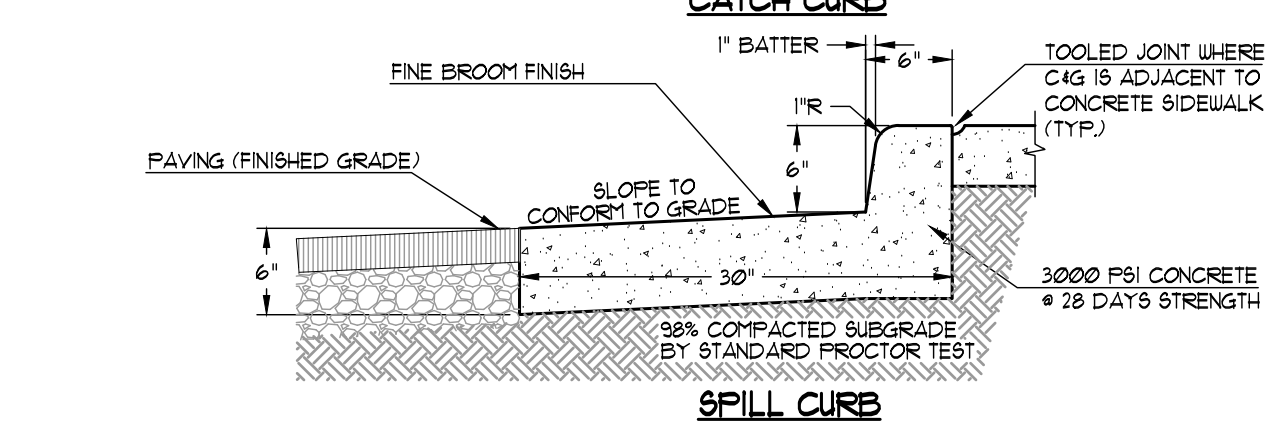
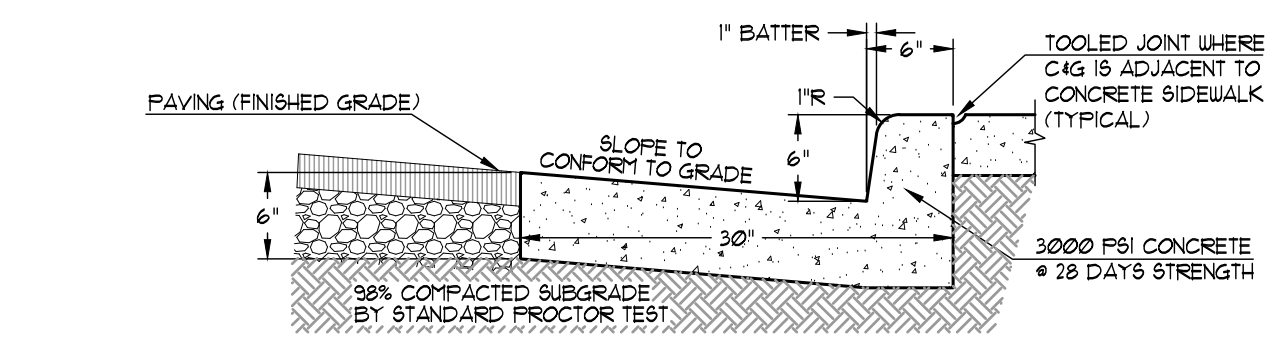
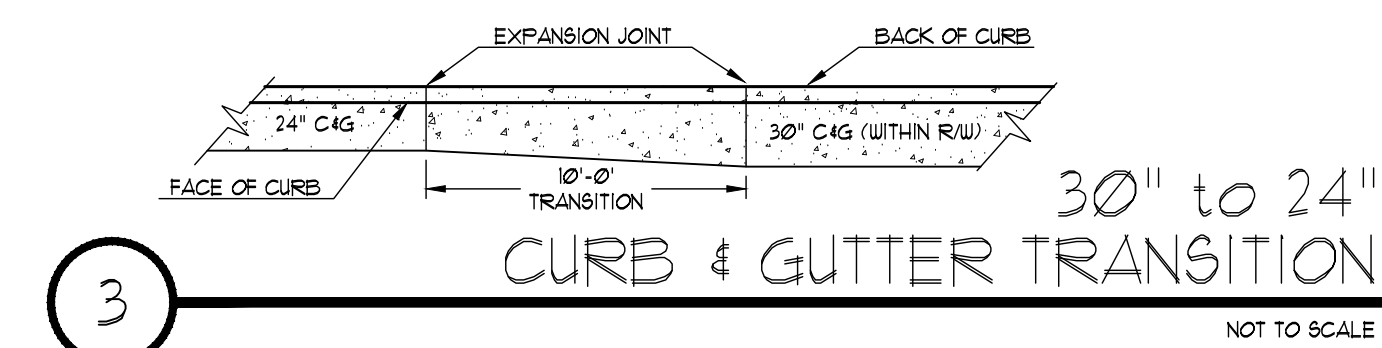


CLEANOUT AT END OF LINE



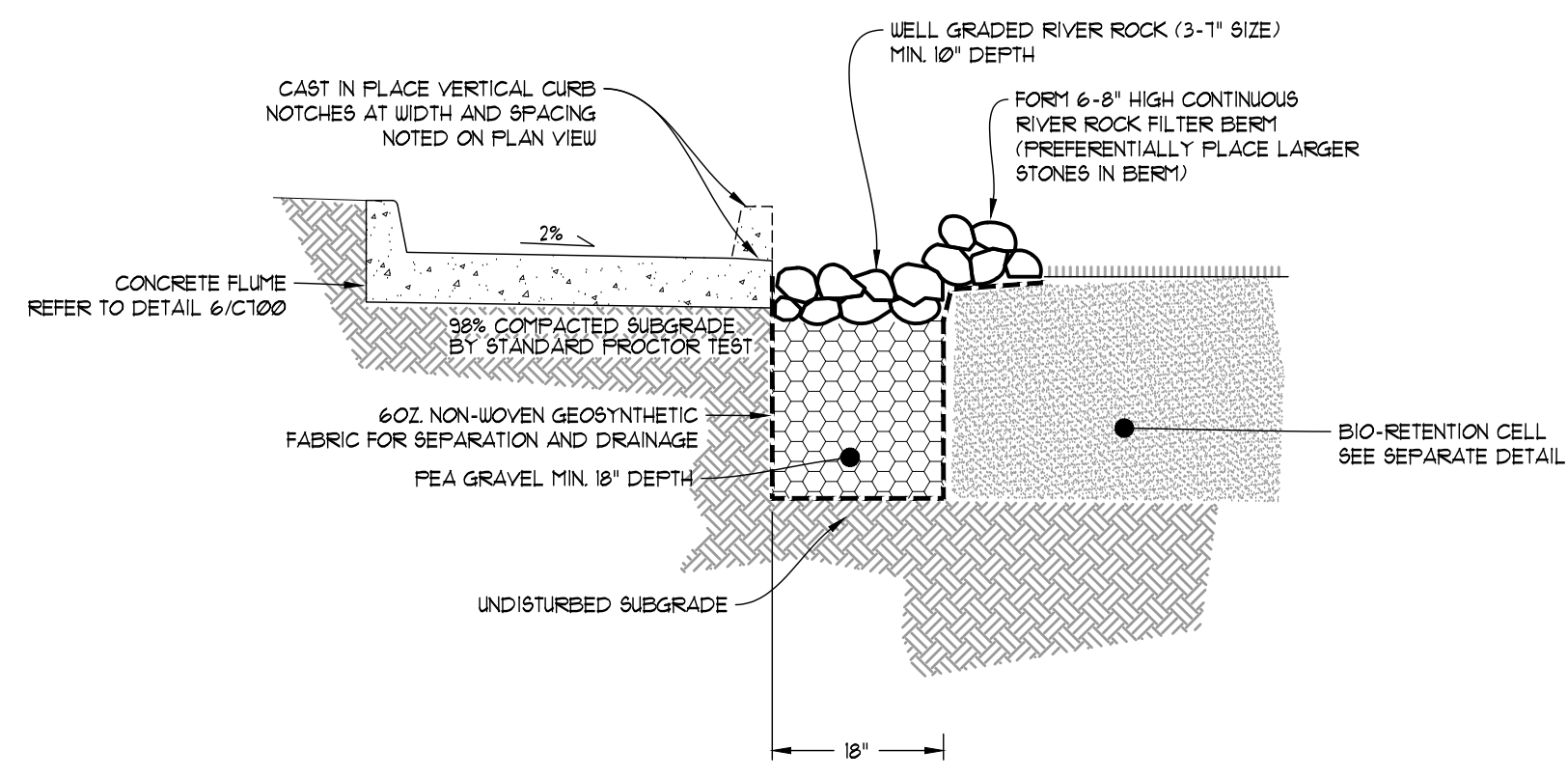
CLEANOUT UP TO GRADE

**2** CLEANOUT- BIOCELL BOTTOM NOT TO SCALE



CONTRACTOR SHALL PROVIDE A SCORED CONTROL JOINT AT 10'-0" O.C. (TYP) AND AN EXPANSION JOINT AT 40'-0" O.C. (TYP). CONTRACTOR SHALL PROVIDE AN EXPANSION JOINT AT ALL RADIUS RETURNS AND AT THE MIDPOINT OF THE CURVE. CURB & GUTTER SHALL BE ACCURATELY FORMED TO THE RADII AS INDICATED ON PLANS.

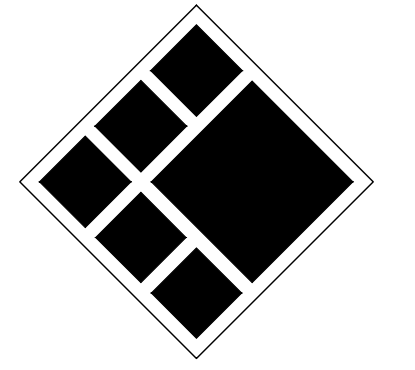
**4** 30" CONCRETE CURB & GUTTER NOT TO SCALE



**5** PEA GRAVEL DIAPHRAGM / RIVER ROCK SPLASH PAD NOT TO SCALE



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**Drawn By** JRQ      **Checked By** BAM  
**Date** 05/05/2023      **Job No.** 22051

**Sheet Title**  
SITE WORK  
CONSTRUCTION  
DETAILS

**Sheet No.**  
**C-7.01**

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