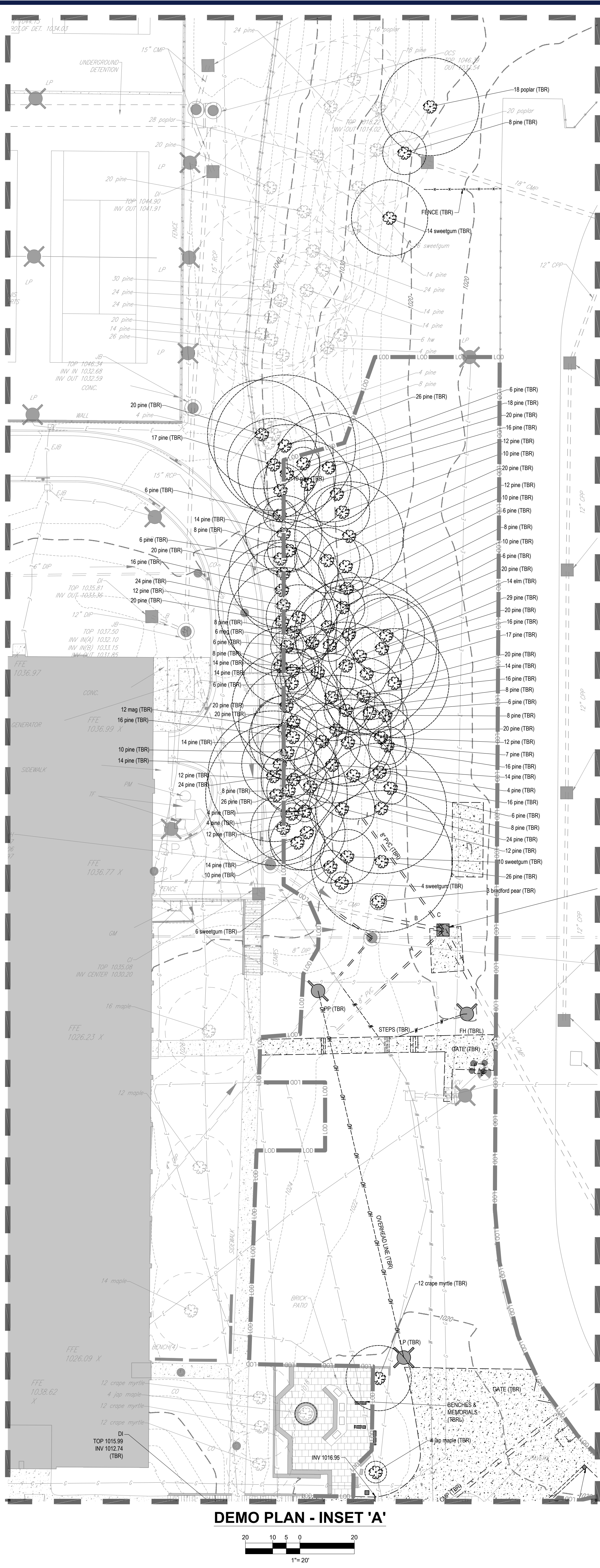
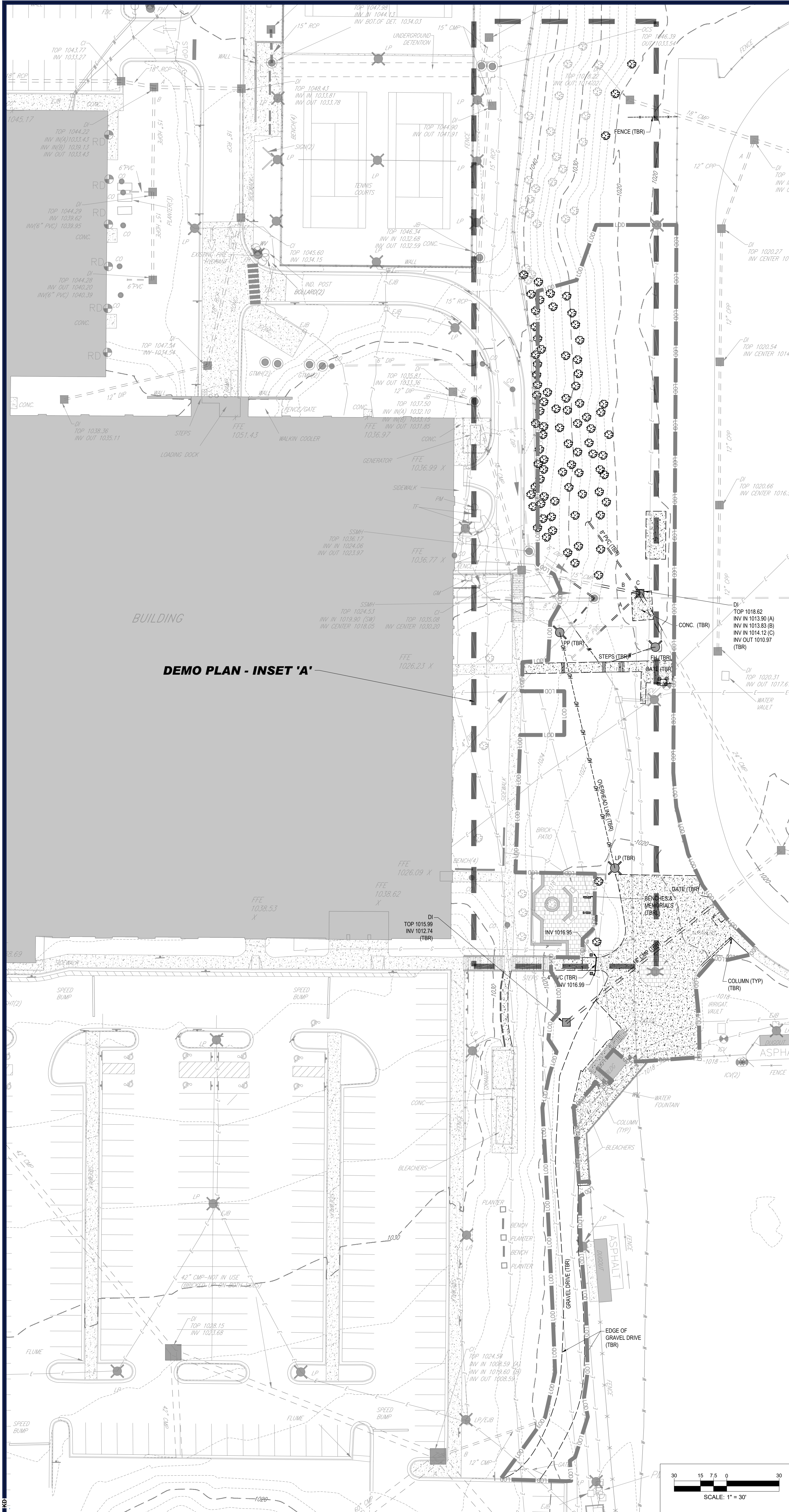




DEMO LEGEND	
PROPERTY LINE	---
EASEMENT LINE	----
SETBACK LINE	----
UTILITY POLE	○
TYPICAL SIGN	⊕
PARKING COUNT	⊕
CONTOUR	---
SPOT ELEVATIONS	10 516.4 OR 516.4
SANITARY LATERAL	---
SANITARY MAIN	---
WATER LINE	---
ELECTRIC LINE	---
GAS LINE	---
OVERHEAD WIRE	---
STORM SEWER	---
FIRE HYDRANT	⊕
SANITARY MANHOLE	⊕
STORM MANHOLE	⊕
WATER VALVE	⊕
WATER METER	⊕
GAS VALVE	⊕
TYPICAL END SECTION	---
CLEANOUT	⊕
TREE TO BE REMOVED	⊕

DEMO LEGEND
TBR: TO BE REMOVED
TBL: TO BE RELOCATED
LOD: LIMITS OF DISTURBANCE

EXISTING LEGEND	
CONTOUR	---
SPOT ELEVATION	10 516.4
EDGE OF PAVEMENT ELEVATION	10 516.4
TOP OF CURB ELEVATION	10 516.4
GUTTER ELEVATION	10 516.4
TOP OF WALL ELEVATION	10 516.4
BOTTOM OF WALL ELEVATION	10 516.4
TOP OF ISLAND ELEVATION	10 516.4
BOTTOM OF ISLAND ELEVATION	10 516.4
FIRE HYDRANT	⊕
FIRE DEPARTMENT CONNECTION	⊕
WATER VALVE	⊕
GAS VALVE	⊕
OVERHEAD WIRES	---
APPROX LOC UNDERGROUND CABLE LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND ELEC LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND FIBER OPTIC LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND GAS LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND SEWER LINE PER REF	---
APPROX LOC UNDERGROUND TEL LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND WATER LINE PER UTILITY MARKOUT	---
APPROX LOC UNDERGROUND STORM SEWER LINE PER REF	---
LIMITS OF FLOODPLAIN	---
FLARED END SECTION	---
UTILITY POLE	⊕
TRAFFIC SIGNAL	⊕
MONITORING WELL	⊕
ELECTRIC METER	⊕
ELECTRIC BOX	⊕
TRANSFORMER	⊕
SANITARY MANHOLE	⊕
TELEPHONE MANHOLE	⊕
ELECTRIC MANHOLE	⊕
WATER MANHOLE	⊕
STORM DRAIN MANHOLE	⊕
WATER METER	⊕
GAS METER	⊕
ROOF DRAIN	⊕
SIGN	⊕
MAIL BOX	⊕
BOLLARD	⊕
U-BOLLARD	⊕
METAL GUARDRAIL	⊕
FENCE	⊕
LANDSCAPED AREA	⊕
AREA LIGHT	⊕
CLEAN OUT	⊕
PAINTED ARROWS	⊕
TITLE REPORT EXCEPTION	⊕
DENOTES PARKING SPACE COUNT	⊕
BENCHMARK	⊕
UTILITY POLE/LIGHT POLE	⊕
STREET LIGHT	⊕
GUY WIRE	⊕
TRAFFIC SIGNAL POLE	⊕
TREE LINE	⊕
TREE (SIZE AS NOTED)	⊕
PROP CORNERS TO BE SET	⊕
BORING LOCATION	⊕
WETLANDS	⊕
TREE TO REMAIN	⊕

GENERAL DEMOLITION NOTES

- THIS PLAN REFERENCES DOCUMENTS AND INFORMATION BY:
 - MC FARLAND-DYER & ASSOCIATES
4174 SILVER PEAK PARKWAY
SUWANEE, GEORGIA 30024
DATED: 10/16/19
JOB # SURVEY JOB # 10-0602
ELEVATIONS DETERMINED BY A TRIMBLE R6, MODEL #4 GPS
AND ADJUSTED TO GEOID03 - NAD83
- CONTRACTOR SHALL PERFORM ALL WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (29 U.S.C. 651 et seq.), AS AMENDED AND ANY MODIFICATIONS, AMENDMENTS OR REVISIONS TO SAME.
- BOHLER ENGINEERING HAS NO CONTRACTUAL, LEGAL, OR OTHER RESPONSIBILITY FOR JOB SITE SAFETY OR JOB SITE SUPERVISION, OR ANYTHING RELATED TO SAME.
- THE DEMOLITION PLAN IS INTENDED TO PROVIDE GENERAL INFORMATION, ONLY. REGARDING ITEMS TO BE DEMOLISHED AND/OR REMOVED, THE CONTRACTOR MUST ALSO REVIEW THE OTHER SITE PLAN DRAWINGS AND INCLUDE IN DEMOLITION ACTIVITIES ALL INCIDENTAL WORK NECESSARY FOR THE CONSTRUCTION OF THE NEW SITE IMPROVEMENTS.
- CONTRACTOR MUST RAISE ANY QUESTIONS CONCERNING THE ACCURACY OR INTENT OF THESE PLANS OR SPECIFICATIONS, CONCERNING REGARDING THE APPLICABLE SAFETY STANDARDS, OR THE SAFETY OF THE CONTRACTOR OR THIRD PARTIES IN PERFORMING THE WORK ON THIS PROJECT, WITH BOHLER ENGINEERING, IN WRITING, AND RESPONDED TO BY BOHLER, IN WRITING, PRIOR TO THE INITIATION OF ANY SITE ACTIVITY AND ANY DEMOLITION ACTIVITY. ALL DEMOLITION ACTIVITIES MUST BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OF THESE PLANS AND SPECIFICATIONS AND ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, RULES, REQUIREMENTS, STATUTES, ORDINANCES AND CODES.
- PRIOR TO STARTING ANY DEMOLITION, CONTRACTOR IS RESPONSIBLE FOR:
 - OBTAINING ALL REQUIRED PERMITS AND MAINTAINING THE SAME ON SITE FOR REVIEW BY THE ENGINEER AND OTHER PUBLIC AGENCIES HAVING JURISDICTION THROUGHOUT THE DURATION OF THE PROJECT, SITE WORK AND DEMOLITION WORK.
- THE LOCATION OF EXISTING UNDERGROUND UTILITIES AS INDICATED ON THE PLAN IS APPROXIMATE. FIELD LOCATE ALL UNDERGROUND EXISTING UTILITIES LOCATED IN THE AREA OF WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CALL "811" PRIOR TO CONSTRUCTION FOR ASSISTANCE IN LOCATING EXISTING UNDERGROUND UTILITIES. SUBSURFACE FEATURES ARE SHOWN IN AN APPROXIMATE LOCATION. CONTRACTOR IS RESPONSIBLE FOR SUBSURFACE UTILITY EXPLORATION TO DETERMINE UNDERGROUND UTILITY LOCATIONS AND DEPTH.
- COORDINATE ALL UTILITY REMOVAL, RELOCATION, & ABANDONMENT WITH THE APPROPRIATE UTILITY SERVICE PROVIDER. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL UTILITY SERVICES TO ADJACENT PROPERTIES DURING ALL PHASES OF CONSTRUCTION. ALL UTILITIES TO BE DEMOLISHED SHALL BE TAKEN BACK TO F.O.W.
- REFER TO "DUNWOODY HIGH SCHOOL" DESIGN DOCUMENTS PREPARED BY NSD LANDSCAPE ARCHITECTURE (DATED 10/23/25) FOR TREE SAVE/REMOVAL-PLANTING PLANS.



THIS PLAN TO BE UTILIZED
FOR DEMOLITION PURPOSES
ONLY

BOHLER

SITE CIVIL AND CONSTRUCTION ENGINEERING
LAND SURVEYING
PROGRAM MANAGEMENT
LANDSCAPE ARCHITECTURE
SUSTAINABLE DESIGN
PERMITTING SERVICES
TRANSPORTATION SERVICES

REVISIONS			
REV	DATE	COMMENT	DRAWN BY
1	2026-02-26	COUNTY FIRE COMMENTS	KD BAB

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PROJECT NO.:	GAA250127 00-0A
DRAWN BY:	KD
CHECKED BY:	BAB
DATE:	12/05/2025
CAD I.D.:	P-CIVIL-EXDM

SITE
DEVELOPMENT
PLANS

FOR

DeKalb County

DUNWOODY
HIGH SCHOOL
FOOTBALL STADIUM
5635 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA

BOHLER

211 PERIMETER CENTER PKWY NE, SUITE 425
ATLANTA, GEORGIA 30346
Phone: (478) 605-9000
GA@BohlerEng.com

GEORGIA REGISTERED PROFESSIONAL ENGINEER

BRET A. BUCKLAND

10/24/2025

SHEET TITLE:

EXISTING
CONDITIONS/
DEMOLITION
PLAN

SHEET NUMBER:

C-201

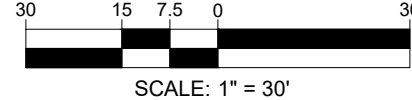
REVISION 1 - 2026-02-26



REVISION 1 - 2026-02-2



MAXIMUM ALLOWABLE SLOPE IS 2H:1V.



SCALE: 1" = 30'

[illegible]

PROJECT:

_____ FOR _____



SHEET TITLE:

SHEET NUMBER:
C-401

REVISION 1 - 2026-02-26

[illegible]

Feb 26, 2026
@BOHLLRENG.NET\SHARES\GA-PROJECTS\2025\GAA-250127.00\CAD\DRAWINGS\PLAN SET\SIP-CVL-PROF-GAA250127.00-0A----->LAYOUT: G-410 DRAINAGE PROFILES

KD

DRAIN BASIN

WALL MOUNT SHOULD
BE INSTALLED 138" - 200"
BELOW THE STRUCTURE TOP

INLINE DRAIN

WALL MOUNT SHOULD
BE INSTALLED 138" - 200"
BELOW THE STRUCTURE TOP

The diagrams illustrate the installation of two types of drains. The 'DRAIN BASIN' diagram shows a vertical pipe with a horizontal section at the bottom, connected to a large, rectangular basin. The 'INLINE DRAIN' diagram shows a vertical pipe with a horizontal section at the bottom, connected to a long, narrow, rectangular inline drain. Both diagrams include a dimension line indicating the height from the structure top to the wall mount, with the text 'WALL MOUNT SHOULD BE INSTALLED 138" - 200" BELOW THE STRUCTURE TOP'.

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DRAWN BY	CCA	MATERIAL	
DATE	01-25-13		
APPD BY	JJC	PROJECT NO NAME	
DATE	01-25-13		TITLE
REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYI/POST.		10 IN - 24 IN DROP-IN LOOKING KIT	
DWG SIZE	A	SCALE	7001-10-457 REV A
	1:25	SHEET	
	1 OF 1		

Technical drawings of the 10' round drain body and grate assembly:

- Top View (Left):** Shows the grate with a height dimension of 5.30.
- Top View (Right):** Shows the grate with a central opening labeled "10" O.P. 10"
- Bottom View (Left):** Shows the drain body with a central opening labeled "10" O.P. 10"
- Bottom View (Right):** Shows the drain body with a central opening labeled "10" O.P. 10"

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REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN, EXCEPT BY SPECIALLY WRITTEN PERMISSION FROM INYLOPLAST.		DATE 03-04-96		DUCTILE IRON			
REVIEWED BY CCA		PROJECT NO		NAME		TITLE	
DATE 06-27-13						10 IN DOME GRATE ASSEMBLY	
DWG SIZE A		SCALE 1:5		SHEET 1 OF 1		DWG NO. 7001-110-021 REV C	

(1) (2) INTEGRATED DUCTILE IRON FRAME & GRATE TO MATCH BASIN O.D.

MINIMUM PIPE BURIAL DEPTH PER PIPE MANUFACTURER RECOMMENDATION (MIN. MANUFACTURING REQ. SAME AS MIN. SUMP EXCEPT FOR 36" BASIN REQ. 2.25 FT FROM MIN TO TOP OF PIPE)

(2) VARIABLE INVERT HEIGHTS AVAILABLE (OFF TO PLAIN/STATE GFT)

TRAFFIC LOADS: CONCRETE SLAB DIMENSIONS ARE FOR GUIDELINE PURPOSES ONLY. ACTUAL CONCRETE SLAB MUST BE DESIGNED TAKING INTO CONSIDERATION LOCAL SOIL CONDITIONS, TRAFFIC LOADING AND OTHER APPLICABLE DESIGN FACTORS.

(4) ADAPTER ANGLES VARIABLE 1° - 30° ACCORDING TO PLANS

(2) VARIABLE SUMP DEPTH ACCORDING TO PLANS

VARIOUS TYPES OF INLET & OUTLET ADAPTERS AVAILABLE: 4" - 30" FOR CORRUGATED HDPE, 4" - 30" HANCHOR DUAL WALL, 4" HANCHOR DUAL WALL, 1/2 IN HP, PVC SENDER (EX. SDR 35), PVC DWID (EX. SCH 40), PVC CMO/CMO, CORRUGATED & RIBBED PVC

WATERTIGHT JOINT (CORRUGATED HDPE SHOWN)

16" MIN WIDTH GUIDELINE

8" MIN THICKNESS GUIDELINE

4" MIN ON 12" - 24" 6" MIN ON 30" & 36"

8" MIN ON 12" - 24" 10" MIN ON 30" & 12" MIN ON 36" BASED ON MANUFACTURING REQ.

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS 1, CLASS 1.1 OR CLASS II MATERIAL, AS DEFINED IN ASTM D2221. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2221

- | | | | | | |
|---|---------|-------------|---|---|---|
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BURLINGTON, GA 30518
FAX (770) 933-2463
PHN (770) 933-2464
www.nyloplast-usa.com |
| DRAWN BY | ERC | MATERIAL | | | |
| DATE | 1-23-46 | PROJECT NO. | | | |
| DESIGNED BY | NNH | PROJECT NO. | | | |
| DATE | 7-22-19 | TITLE | | DRAWN WITH 2 FT X 2 FT ROAD & HIGHWAY GRATES
QUICK SPEC INSTALLATION TABLE | |
| REPRODUCTION OF THIS PRINT OR ANY INFORMATION CONTAINED HEREIN, OR MANUFACTURE OF ANY ARTICLE HEREFROM, FOR THE DISCLOSURE TO OTHERS IS FORBIDDEN. EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM NYLOPLAST. | | DRAWN | | 7001-110-162
REV H | |
| OW SIZE | A | SCALE | 1:40 | SHEET | 1 OF 1 |

THE BACKFILL MATERIAL SHALL BE CRUSHED STONE OR OTHER GRANULAR MATERIAL MEETING THE REQUIREMENTS OF CLASS I, CLASS II, OR CLASS III MATERIAL AS DEFINED IN ASTM D2321. BEDDING & BACKFILL FOR SURFACE DRAINAGE INLETS SHALL BE PLACED & COMPACTED UNIFORMLY IN ACCORDANCE WITH ASTM D2321

DWG SIZE	A	SCALE	1:40	SHEET	1 OF 1	DWG NO.	7001-110-162	REV	H
----------	---	-------	------	-------	--------	---------	--------------	-----	---

REV	DATE	COMMENT	DRAWN BY
			CHECKED BY
1	2026-02-28	COUNTY FIRE COMMENTS	KD RAR

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PROJECT No.:	GAA250127.00-0A
DRAWN BY:	KD
CHECKED BY:	BAB
DATE:	12/05/2025
CAD I.D.:	P-CIVL-CNDS

PROJECT:

SITE DEVELOPMENT PLANS

FOR



DeKalb County
School District

**DUNWOODY
HIGH SCHOOL
FOOTBALL STADIUM**

**5035 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA**

**211 PERIMETER CENTER PKWY NE,
SUITE 425
ATLANTA, GEORGIA 30346
Phone: (678) 695-6800
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SHEET TITLE:

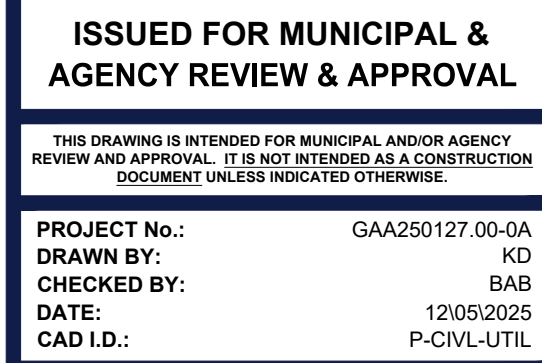
DRAINAGE DETAILS

SHEET NUMBER:
C-421

REVISION 1 - 2026-02-26



THE BLEACHERS ARE METAL AND THE CONCRETE FOUNDATION AVOID THE EXISTING AND PROPOSED SEWER LINES. THERE IS SPACE UNDERNEATH WHERE THE MANHOLES WILL BE ACCESSED FOR FUTURE POTENTIAL MAINTENANCE.

[illegible]

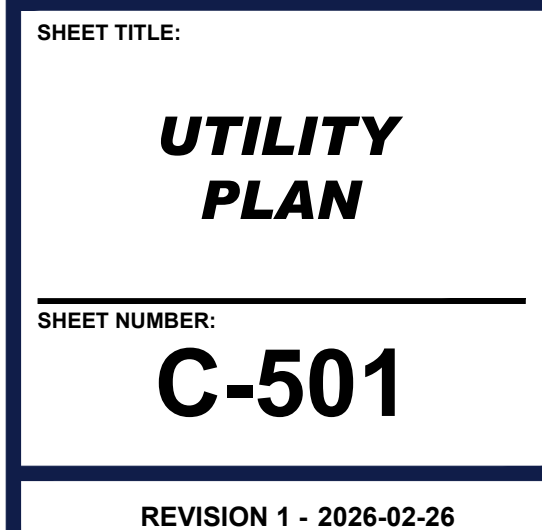
FOR

DeKalb County
School District

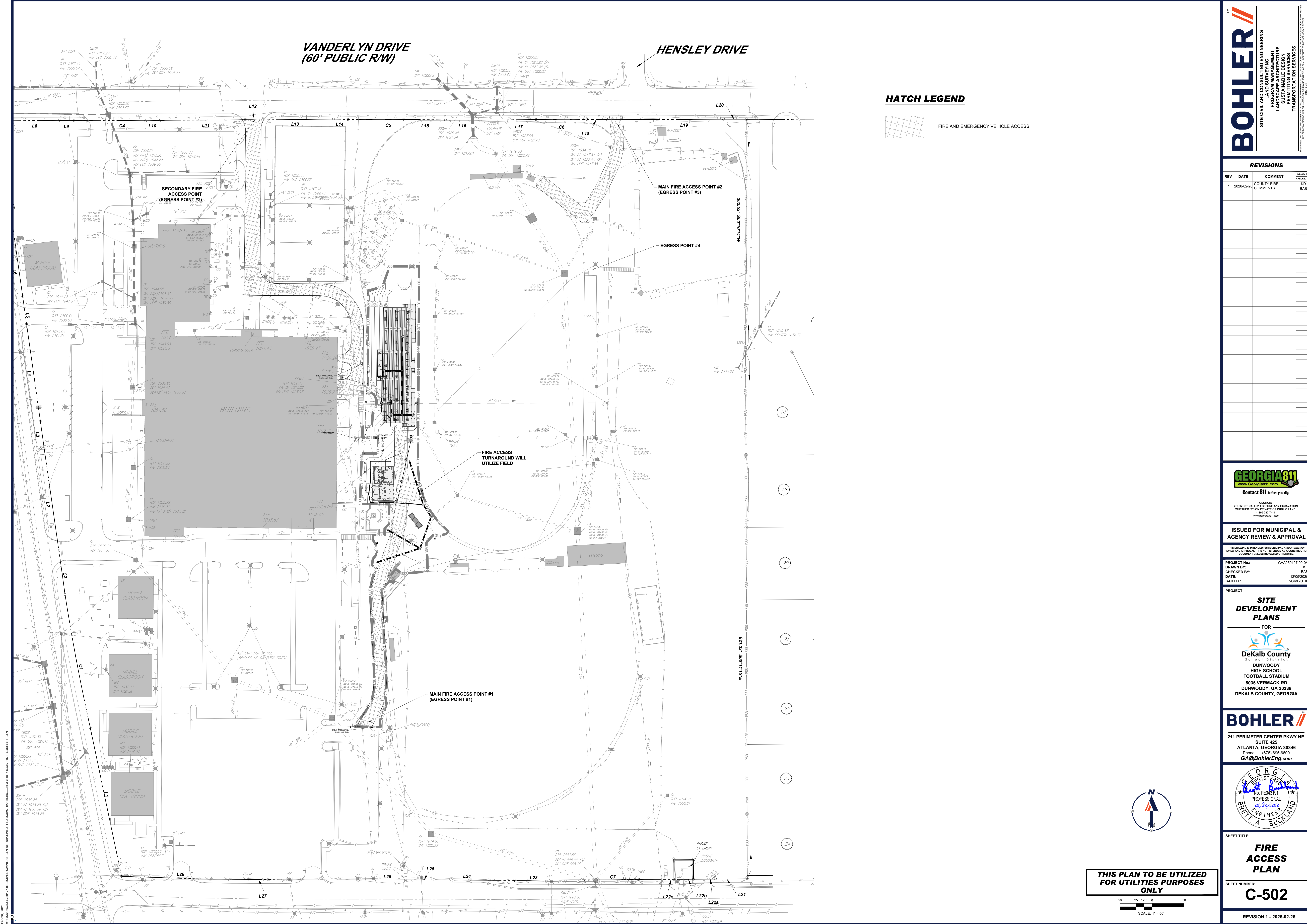
**DUNWOODY
HIGH SCHOOL
FOOTBALL STADIUM**

**5035 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA**

**211 PERIMETER CENTER PKWY NE,
SUITE 425
ATLANTA, GEORGIA 30346**
Phone: (678) 695-6800
GA@BohlerEng.com



SCALE: 1" = 30'



REVISIONS				
REV	DATE	COMMENT	DRAWN BY	CHECKED BY
1	2026-02-26	COUNTY FIRE COMMENTS	KD	BAB

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PROJECT NO.: GAA250127 00-0A
DRAWN BY: KD
CHECKED BY: BAB
DATE: 12/09/2025
CAD I.D.: P-CIVIL-UTIL

SITE DEVELOPMENT PLANS
FOR
DeKalb County
DUNWOODY HIGH SCHOOL
FOOTBALL STADIUM
5035 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA

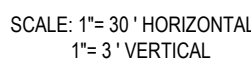
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211 PERIMETER CENTER PKWY NE, SUITE 425
ATLANTA, GEORGIA 30346
Phone: (478) 695-4900
GA@BohlerEng.com

GEORGIA
No. PE043191
PROFESSIONAL
01/26/2026
BRETT A. BUCKLAND
ENGINEER

SHEET TITLE:
FIRE ACCESS PLAN
SHEET NUMBER:
C-502
REVISION 1 - 2026-02-26



PROPOSED SANITARY PROFILE (EX-SAN-10 TO S-110)



SCALE: 1"= 30' HORIZONTAL
1"= 3' VERTICAL

REVISIONS

[illegible]

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PROJECT No.: GAA250127.00-
DRAWN BY: H
CHECKED BY: B
DATE: 12/05/20
CAD I.D.: P-CIVL-PRO

PROJECT:

SITE DEVELOPMENT PLANS

FOR



DUNWOODY
HIGH SCHOOL
FOOTBALL STADIUM
5035 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA

**211 PERIMETER CENTER PKWY NE
SUITE 425
ATLANTA, GEORGIA 30346
Phone: (678) 695-6800
GA@BohlerEng.com**



UTILITY PROFILES

SHEET NUMBER:

C-510

REVISION 1 - 2026-02-26





[illegible]

SAMPLING REQUIREMENTS ^{(1) (3)}

THIS PERMIT REQUIRES THE MONITORING OF NEPHELOMETRIC TURBIDITY IN RECEIVING WATER(S) OR OUTFALLS IN ACCORDANCE WITH THIS PERMIT. THIS PARAGRAPH SHALL NOT APPLY TO ANY LAND DISTURBANCE ASSOCIATED WITH THE CONSTRUCTION OF SINGLE-FAMILY RESIDENCES WHICH ARE NOT A PART OF A COMMON DEVELOPMENT OR SUBDIVISION OR UNLESS FIVE (5) ACRES OR MORE WILL BE DISTURBED. THE FOLLOWING PROCEDURES CONSTITUTE EPD'S GUIDELINES FOR SAMPLING TURBIDITY.

A. SAMPLING REQUIREMENTS SHALL INCLUDE:

1. A USGS TOPOGRAPHIC MAP, A TOPOGRAPHIC MAP OR A DRAWING (REFERRED TO AS A TOPOGRAPHIC MAP) THAT IS A SCALE EQUAL TO OR MORE DETAILED THAN A 1:24,000 MAP SHOWING THE LOCATION OF THE SITE OR THE STAND ALONE CONSTRUCTION; (1) THE LOCATION OF ALL PERENNIAL LAND INTERMITTENT STREAMS AND OTHER WATER BODIES AS SHOWN ON A USGS TOPOGRAPHIC MAP, AND ALL OTHER PERENNIAL AND INTERMITTENT STREAMS AND OTHER WATER BODIES LOCATED DURING MANDATORY FIELD VERIFICATION, INTO WHICH THE STORM WATER IS DISCHARGED; AND (2) THE RECEIVING WATER AND/OR OUTFALL SAMPLING LOCATIONS. WHEN THE PERMITTEE HAS CHOSEN TO USE A USGS TOPOGRAPHIC MAP AND THE RECEIVING WATER(S) IS NOT SHOWN ON THE USGS TOPOGRAPHIC MAP, THE LOCATION OF THE RECEIVING WATER(S) MUST BE HAND-DRAWN ON THE USGS TOPOGRAPHIC MAP FROM WHERE THE STORM WATER(S) ENTERS THE RECEIVING WATER(S) TO THE POINT WHERE THE RECEIVING WATER(S) COMBINES WITH THE FIRST BLUE LINE STREAM SHOWN ON THE USGS TOPOGRAPHIC MAP.
2. A WRITTEN NARRATIVE OF SITE SPECIFIC ANALYTICAL METHODS USED TO COLLECT, HANDLE AND ANALYZE THE SAMPLES INCLUDING THE QUALITY CONTROL/QUALITY ASSURANCE PROCEDURES. THIS NARRATIVE MUST INCLUDE PRECISE SAMPLING METHODOLOGY FOR EACH SAMPLING LOCATION.
3. WHEN THE PERMITTEE HAS DETERMINED THAT SOME OR ALL OUTFALLS WILL BE SAMPLED, A RATIONALE MUST BE INCLUDED ON THE PLAN FOR THE NTU LIMIT(S) SELECTED FROM APPENDIX B. THIS RATIONALE MUST INCLUDE THE SIZE OF THE CONSTRUCTION SITE, THE CALCULATION OF THE SIZE OF THE SURFACE WATER DRAINAGE AREA AND THE TYPE OF RECEIVING WATERS.
4. ANY ADDITIONAL INFORMATION EPD DETERMINES NECESSARY TO BE PART OF THE PLAN, EPD WILL PROVIDE WRITTEN NOTICE TO THE PERMITTEE OF THE INFORMATION NECESSARY AND THE TIME LINE FOR SUBMITTAL.

B. SAMPLING TYPE

ALL SAMPLING SHALL BE COLLECTED BY GRAB SAMPLES AND THE ANALYSIS OF THESE SAMPLES MUST BE CONDUCTED IN ACCORDANCE WITH METHODOLOGY AND TEST PROCEDURES ESTABLISHED BY 40 CFR PART 136. THE GUIDANCE DOCUMENT TITLED "NPDES STORM WATER SAMPLING GUIDANCE DOCUMENT, EPA 833-B-92-001" AND GUIDANCE DOCUMENTS THAT MAY BE PREPARED BY THE EPD.

1. SAMPLE CONTAINERS SHOULD BE LABELED PRIOR TO COLLECTING THE SAMPLES.
2. SAMPLES SHOULD BE WELL MIXED BEFORE TRANSFERRING TO A SECONDARY CONTAINER.
3. LARGE MOUTH, WELL CLEANED AND RINSED GLASS OR PLASTIC JARS SHOULD BE USED FOR COLLECTION SAMPLES. THE JARS SHOULD BE CLEANED THOROUGHLY TO AVOID CONTAMINATION.
4. MANUAL, AUTOMATIC OR RISING STAGE SAMPLING MAY BE UTILIZED. SAMPLES REQUIRED BY THIS PERMIT SHOULD BE ANALYZED IMMEDIATELY, BUT IN NO CASE LATER THAN 48 HOURS AFTER COLLECTION. HOWEVER, SAMPLES FROM AUTOMATIC SAMPLES MUST BE COLLECTED NO LATER THAN THE NEXT BUSINESS DAY AFTER THEIR ACCUMULATION UNLESS FLOW THROUGH AUTOMATED ANALYSIS IS UTILIZED. IF AUTOMATIC SAMPLING IS UTILIZED AND THEN AUTOMATIC SAMPLER IS NOT ACTIVE DURING THE QUALIFYING EVENT, THE PERMITTEE MUST UTILIZE MANUAL SAMPLING OR RISING STAGE SAMPLING DURING THE NEXT QUALIFYING EVENT. DILUTION OF SAMPLES IN NOT REQUIRED. SAMPLES MAY BE ANALYZED DIRECTLY WITH A PROPERLY CALIBRATED TURBIDIMETER. SAMPLES ARE NOT REQUIRED TO BE COOLED.
5. SAMPLING AND ANALYSIS OF THE RECEIVING WATERS OR OUTFALLS BEYOND THE MINIMUM FREQUENCY STATED IN THE PERMIT MUST BE REPORTED TO EPD AS SPECIFIED IN PART IV.E.

C. SAMPLING POINTS

1. FOR CONSTRUCTION ACTIVITIES THE PRIMARY PERMITTEE MUST SAMPLE ALL RECEIVING WATERS OR ALL OUTFALLS OR A COMBINATION OF RECEIVING WATERS OR OUTFALLS. SAMPLES TAKEN FOR THE PURPOSE OF COMPLIANCE WITH THIS PERMIT SHALL BE REPRESENTATIVE OF THE MONITORED ACTIVITY AND REPRESENTATIVE OF THE WATER QUALITY OF THE RECEIVING WATERS AND/OR THE STORM WATER OUTFALLS USING THE FOLLOWING MINIMUM GUIDELINES:
 - a. THE UPSTREAM SAMPLE FOR EACH RECEIVING WATERS MUST BE TAKEN IMMEDIATELY UPSTREAM OF THE CONFLUENCE OF THE FIRST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY BUT DOWNSTREAM OF ANY OTHER STORM WATER DISCHARGES NOT ASSOCIATED WITH THE PERMITTED ACTIVITY, WHERE APPROPRIATE. SEVERAL UPSTREAM SAMPLES FROM ACROSS THE RECEIVING WATERS MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE FOR THE TURBIDITY OF THESE SAMPLES USED FOR THE UPSTREAM TURBIDITY VALUE.
 - b. THE DOWNSTREAM SAMPLE FOR EACH RECEIVING WATERS MUST BE TAKEN DOWNSTREAM OF THE CONFLUENCE OF THE LAST STORM WATER DISCHARGE FROM THE PERMITTED ACTIVITY BUT UPSTREAM OF ANY OTHER STORM WATER DISCHARGE NOT ASSOCIATED WITH THE PERMITTED ACTIVITY, WHERE APPROPRIATE. SEVERAL DOWNSTREAM SAMPLES FROM ACROSS THE RECEIVING WATERS MAY NEED TO BE TAKEN AND THE ARITHMETIC AVERAGE OF THE TURBIDITY OF THESE SAMPLES USED FOR THE DOWNSTREAM TURBIDITY VALUE.
 - c. IDEALLY THE SAMPLES SHOULD BE TAKEN FROM THE HORIZONTAL AND VERTICAL CENTER OF THE RECEIVING WATERS OR THE STORM WATER OUTFALL CHANNELS.
 - d. CARE SHOULD BE TAKEN TO AVOID STIRRING THE BOTTOM SEDIMENTS IN THE RECEIVING WATERS OR THE OUTFALL STORM WATER CHANNEL.
 - e. THE SAMPLING CONTAINER SHOULD BE HELD SO THAT THE OPENING FACES UPSTREAM.
 - f. THE SAMPLES SHOULD BE KEPT FROM FLOATING DERRIS.
 9. PERMITTEES DO NOT HAVE TO SAMPLE SHEET FLOW THAT FLOWS ONTO UNDISTURBED NATURAL AREAS OR AREAS STABILIZED BY THE PROJECT, FOR THE PURPOSES OF THIS SECTION, STABILIZED SHALL MEAN, FOR UNPAVED AREAS AND AREAS NOT COVERED BY PERMANENT STRUCTURES AND AREAS LOCATED OUTSIDE THE WASTE DISPOSAL LIMITS OF A LANDFILL CELL THAT HAS BEEN CERTIFIED BY EPD FOR WASTE DISPOSAL, 100% OF THE SOIL SURFACE IS UNIFORMLY COVERED IN PERMANENT VEGETATION WITH A DENSITY OF 70% OR GREATER, OR LANDSCAPED ACCORDING TO THE PLAN (UNIFORMLY COVERED WITH LANDSCAPING MATERIALS IN PLANNED LANDSCAPED AREAS), OR EQUIVALENT PERMANENT STABILIZATION MEASURES AS DEFINED IN THE MANUAL, EXCLUDING A CROP OF ANNUAL VEGETATION AND A SEEDING OF TARPED CROP PERENNIALS APPROPRIATE FOR THE REGION).
 - h. ALL SAMPLING PURSUANT TO THIS PERMIT MUST BE DONE IN SUCH A WAY (INCLUDING GENERALLY ACCEPTED SAMPLING METHODS, LOCATIONS, TIMING, AND FREQUENCY) AS TO ACCURATELY REFLECT WHETHER STORMWATER RUNOFF FROM THE CONSTRUCTION SITE IS IN COMPLIANCE WITH THE STANDARD SET FORTH IN PART III.D.4 OR III.D.5, WHICHEVER IS APPLICABLE.

D. SAMPLING FREQUENCY

- (1) THE PRIMARY PERMITTEE MUST SAMPLE IN ACCORDANCE WITH THE PLAN AT LEAST ONCE FOR EACH RAINFALL EVENT DESCRIBED BELOW, FOR A QUALIFYING EVENT, THE PERMITTEE SHALL SAMPLE AT THE BEGINNING OF ANY STORMWATER DISCHARGE TO A MONITORED RECEIVING WATER AND/OR FROM A MONITORED OUTFALL LOCATION WITHIN IN FORTY-FIVE (45) MINUTES OR AS SOON AS POSSIBLE.
- (2) HOWEVER, WHERE MANUAL AND AUTOMATIC SAMPLING ARE IMPOSSIBLE (AS DEFINED IN THIS PERMIT), OR ARE BEYOND THE PERMITTEE'S CONTROL, THE PERMITTEE SHALL TAKE SAMPLES AS SOON AS POSSIBLE, BUT IN NO CASE MORE THAN TWELVE (12) HOURS AFTER THE BEGINNING OF THE STORMWATER DISCHARGE.
- (3) SAMPLING BY THE PERMITTEE SHALL OCCUR FOR THE FOLLOWING QUALIFYING EVENTS:
 - (A) FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT AFTER ALL CLEARING AND GRUBBING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO COMPLETION OF MASS GRADING OPERATIONS, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION.
 - (B) IN ADDITION TO (A) ABOVE, FOR EACH AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL, THE FIRST RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH WITH A STORMWATER DISCHARGE THAT OCCURS DURING NORMAL BUSINESS HOURS AS DEFINED IN THIS PERMIT EITHER 90 DAYS AFTER THE FIRST SAMPLING EVENT OR AFTER ALL MASS GRADING OPERATIONS HAVE BEEN COMPLETED, BUT PRIOR TO SUBMITTAL OF A NOT, IN THE DRAINAGE AREA OF THE LOCATION SELECTED AS THE SAMPLING LOCATION, WHICHEVER COMES FIRST.
 - (C) AT THE TIME OF SAMPLING PERFORMED PURSUANT TO (A) AND (B) ABOVE, IF BMP'S IN ANY AREA OF THE SITE THAT DISCHARGES TO A RECEIVING WATER OR FROM AN OUTFALL ARE NOT PROPERLY DESIGNED, INSTALLED AND MAINTAINED, CORRECTIVE ACTION SHALL BE DEFINED AND IMPLEMENTED WITHIN TWO (2) BUSINESS DAYS, AND TURBIDITY SAMPLES SHALL BE TAKEN FROM DISCHARGES FROM THAT AREA OF THE SITE FOR EACH SUBSEQUENT RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH DURING NORMAL BUSINESS HOURS UNTIL THE SELECTED TURBIDITY STANDARD IS ATTAINED, OR UNTIL POST-STORM EVENT INSPECTIONS DETERMINE THAT BMP'S ARE PROPERLY DESIGNED, INSTALLED AND MAINTAINED;
 - (D) WHERE SAMPLING PURSUANT TO (A), (B) OR (C) ABOVE IS REQUIRED BUT NOT POSSIBLE (OR NOT REQUIRED BECAUSE THERE WAS NO DISCHARGE), THE PERMITTEE, IN ACCORDANCE WITH PART IV.D.4.A.(ii), MUST INCLUDE A WRITTEN JUSTIFICATION IN THE INSPECTION REPORT OF WHY SAMPLING WAS NOT PERFORMED, PROVIDING THIS JUSTIFICATION DOES NOT RELIEVE THE PERMITTEE OF ANY SUBSEQUENT SAMPLING OBLIGATIONS UNDER (A), (B) OR (C) ABOVE, AND NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE BY COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.
 - (E) EXISTING CONSTRUCTION ACTIVITIES, I.E., THOSE THAT ARE OCCURRING ON OR BEFORE THE EFFECTIVE DATE OF THIS PERMIT, THAT HAVE MET THE SAMPLING REQUIRED BY (A) ABOVE SHALL SAMPLE IN ACCORDANCE WITH (B). THOSE EXISTING CONSTRUCTION ACTIVITIES THAT HAVE MET THE SAMPLING REQUIRED BY (B) ABOVE SHALL NOT BE REQUIRED TO CONDUCT ADDITIONAL SAMPLING OTHER THAN AS REQUIRED BY (C) ABOVE.

*NOTE THAT THE PERMITTEE MAY CHOOSE TO MEET THE REQUIREMENTS OF (A) AND (B) ABOVE COLLECTING TURBIDITY SAMPLES FROM ANY RAIN EVENT THAT REACHES OR EXCEEDS 0.5 INCH AND ALLOWS FOR SAMPLING AT ANY TIME OF THE DAY OR WEEK.

NON-STORMWATER DISCHARGES

EXCEPT FOR FLOWS FROM FIRE FIGHTING ACTIVITIES, SOURCES OF NONSTORMWATER LISTED IN PART III.A.2 OF THIS PERMIT THAT ARE COMBINED WITH STORMWATER DISCHARGES ASSOCIATED WITH CONSTRUCTION ACTIVITY MUST BE IDENTIFIED IN THE PLAN. THE PLAN SHALL IDENTIFY AND ENSURE THE IMPLEMENTATION OF APPROPRIATE POLLUTION PREVENTION MEASURES FOR THE NON-STORMWATER COMPONENT(S) OF THE DISCHARGE.

REPORTING ⁽¹⁾

1. THE APPLICABLE PERMITTEES ARE REQUIRED TO SUBMIT THE SAMPLING RESULTS TO THE EPD AT THE ADDRESS SHOWN IN PART I.C. BY THE FIFTEENTH DAY OF THE MONTH FOLLOWING THE REPORTING PERIOD. REPORTING PERIODS ARE MONTHS DURING WHICH SAMPLES ARE TAKEN IN ACCORDANCE WITH THIS PERMIT. SAMPLING RESULTS SHALL BE IN A CLEARLY LEGIBLE FORMAT. UPON WRITTEN NOTIFICATION EPD MAY REQUIRE THE APPLICABLE PERMITTEE TO SUBMIT THE SAMPLING RESULTS ON A MORE FREQUENT BASIS. SAMPLING AND ANALYSIS OF ANY STORMWATER DISCHARGE(S) OR THE RECEIVING WATER(S) BEYOND THE MINIMUM FREQUENCY STATED IN THIS PERMIT MUST BE REPORTED IN A SIMILAR MANNER TO THE EPD. THE SAMPLING REPORTS MUST BE SIGNED IN ACCORDANCE WITH PART V.G.2. SAMPLING REPORTS MUST BE SUBMITTED TO EPD USING THE ELECTRONIC SUBMITTAL SERVICE PROVIDED BY EPD. SAMPLING REPORTS MUST BE SUBMITTED TO EPD UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.
2. ALL SAMPLING REPORTS SHALL INCLUDE THE FOLLOWING INFORMATION:
 - a. THE RAINFALL AMOUNT, DATE, EXACT PLACE AND TIME OF SAMPLING OR MEASUREMENTS;
 - b. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE SAMPLING AND MEASUREMENTS;
 - c. THE DATE(S) ANALYSES WERE PERFORMED;
 - d. THE TIME(S) ANALYSES WERE INITIATED;
 - e. THE NAME(S) OF THE CERTIFIED PERSONNEL WHO PERFORMED THE ANALYSES;
 - f. REFERENCES AND WRITTEN PROCEDURES, WHEN AVAILABLE, FOR THE ANALYTICAL TECHNIQUES OR METHODS USED;
 - g. THE RESULTS OF SUCH ANALYSES, INCLUDING THE BENCH SHEETS, INSTRUMENT READOUTS, COMPUTER DISKS OR TAPES, ETC., USED TO DETERMINE THESE RESULTS;
 - h. RESULTS WHICH EXCEED 100 NTU SHALL BE REPORTED AS "EXCEEDS 1000 NTU" AND
 - i. CERTIFICATION STATEMENT THAT SAMPLING WAS CONDUCTED AS PER THE PLAN.
3. ALL WRITTEN CORRESPONDENCE REQUIRED BY THIS PERMIT SHALL BE SUBMITTED BY RETURN RECEIPT CERTIFIED MAIL (OR SIMILAR SERVICE) TO THE APPROPRIATE DISTRICT OFFICE OF THE EPD ACCORDING TO THE SCHEDULE IN APPENDIX A OF THIS PERMIT. THE PERMITTEE SHALL RETAIN A COPY OF THE PROOF OF SUBMITTAL AT THE CONSTRUCTION SITE OR THE PROOF OF SUBMITTAL SHALL BE READILY AVAILABLE AT A DESIGNATED LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.

RETENTION OF RECORDS ⁽²⁾

1. THE PRIMARY PERMITTEE SHALL RETAIN THE FOLLOWING RECORDS AT THE CONSTRUCTION SITE OR THE RECORDS SHALL BE READILY AVAILABLE AT A DESIGNATED ALTERNATE LOCATION FROM COMMENCEMENT OF CONSTRUCTION UNTIL SUCH TIME AS A NOT IS SUBMITTED IN ACCORDANCE WITH PART VI.
 - a. A COPY OF ALL NOTICES OF INTENT SUBMITTED TO EPD;
 - b. A COPY OF THE EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN REQUIRED BY THIS PERMIT;
 - c. THE DESIGN PROFESSIONAL'S REPORT OF THE RESULTS OF THE INSPECTION CONDUCTED IN ACCORDANCE WITH PART IV.A.5 OF THE GENERAL PERMIT;
 - d. A COPY OF ALL SAMPLING INFORMATION, RESULTS, AND REPORTS REQUIRED BY THE GENERAL PERMIT;
 - e. A COPY OF ALL INSPECTION REPORTS GENERATED IN ACCORDANCE WITH PART IV.D.4.A. OF THE GENERAL PERMIT;
 - f. A COPY OF ALL VIOLATION SUMMARIES AND VIOLATION SUMMARY REPORTS GENERATED IN ACCORDANCE WITH PART OF THE GENERAL PERMIT; AND
 - g. DAILY RAINFALL INFORMATION COLLECTED IN ACCORDANCE WITH PART IV.D.4.A.(2) OF THE GENERAL PERMIT.
2. COPIES OF ALL NOTICES OF INTENT, NOTICES OF TERMINATION, INSPECTION REPORTS, SAMPLING REPORTS (INCLUDING ALL CALIBRATION AND MAINTENANCE RECORDS AND ALL ORIGINAL STRIP CHART RECORDINGS FOR CONTINUOUS MONITORING INSTRUMENTATION) OR OTHER REPORTS REQUESTED BY THE EPD, EROSION, SEDIMENTATION AND POLLUTION CONTROL PLANS, RECORDS OF ALL DATA USED TO COMPLETE THE NOTICE OF INTENT TO BE COVERED BY THIS PERMIT AND ALL OTHER RECORDS REQUIRED BY THIS PERMIT SHALL BE RETAINED BY THE PERMITTEE WHO EITHER PRODUCED OR USED IT FOR A PERIOD OF AT LEAST THREE YEARS FROM THE DATE THAT THE NOT IS SUBMITTED IN ACCORDANCE WITH PART VI. OF THIS PERMIT. THESE RECORDS MUST BE MAINTAINED AT THE PERMITTEE'S PRIMARY PLACE OF BUSINESS OR AT A DESIGNATED ALTERNATIVE LOCATION ONCE THE CONSTRUCTION ACTIVITY HAS CEASED AT THE PERMITTED SITE. THIS PERIOD MAY BE EXTENDED BY REQUEST OF THE EPD AT ANY TIME UPON WRITTEN NOTIFICATION TO THE PERMITTEE.

DESIGN PROFESSIONAL'S CERTIFICATION

⁽²⁾ ⁽¹²⁾

(1) 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 LAND DISTURBING ACTIVITY WAS PERMITTED. THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER OUTFALL, THE DESIGNATED SYSTEM OF BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENT CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100001.

(2) "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 DIRECT SUPERVISION."

(3) "I CERTIFY UNDER THE PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED UPON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

ISSUED: 05/08/2018
EXPIRES: 05/08/2027

0000083972

GSWC LEVEL II DESIGN PROFESSIONAL

CERTIFICATION #

Scott Buckland



REVISIONS

REV	DATE	COMMENT	DRAWN BY
1	2026-02-26	COUNTY FIRE COMMENTS	KD

BA0

FEMA FIRM MAPS 13089C0005K

CERTIFICATION #

INSPECTION REVEALED THE FOLLOWING DISCREPANCIES FROM THE ES&PC PLAN:

THESE DEFICIENCIES MUST BE ADDRESSED IMMEDIATELY AND A RE-INSPECTION SCHEDULED. WORK SHALL NOT PROCEED ON THE SITE UNTIL DESIGN PROFESSIONAL CERTIFICATION IS OBTAINED

2 12

(1) 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 DOCUMENTARY RECORDS ACT. THE PERMITTEE'S BEST MANAGEMENT PRACTICES (BMP) PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION AS OF JANUARY 1 OF THE YEAR IN WHICH LAND DISTURBING ACTIVITY WAS PERMITTED, THE PLAN PROVIDES FOR THE SAMPLING OF THE RECEIVING WATER(S) OR THE SAMPLING OF THE STORM WATER RUNOFF FROM THE DISTURBED AREA. THE BEST MANAGEMENT PRACTICES AND SAMPLING METHODS IS EXPECTED TO MEET THE REQUIREMENT CONTAINED IN THE GENERAL NPDES PERMIT NO. GAR100001.

(2) "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 DIRECT SUPERVISION."

(3) I CERTIFY UNDER THE PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED UPON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR THE INFORMATION. I AM AWARE THAT THE INFORMATION SUBMITTED TO THE BEST OF MY KNOWLEDGE AND BELIEF IS TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS.

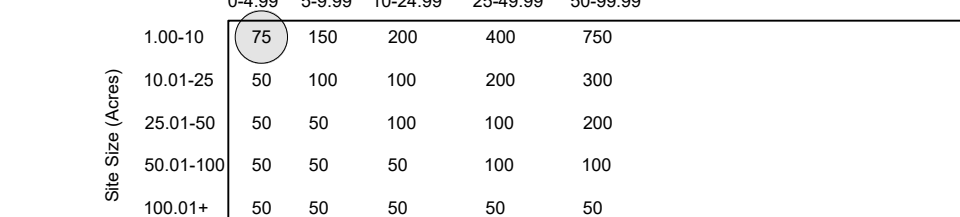
ISSUED: 05/08/2018

CERTIFICATION #

CERTIFICATION #

Surface Water Drainage Area (Square Miles)

0 4.00 8.00 12.00 16.00 20.00



1. ALL OUTFALL SAMPLING POINTS SHALL CONFORM TO AN NTU VALUE OF 75 PER THE ABOVE TABLE, AS FOUND AT A SITE BETWEEN 1.00 AND 10 ACRES IN SIZE WITH A DRAINAGE AREA OF LESS THAN 5 SQUARE MILES.
2. SOURCE: STATE OF GEORGIA DEPARTMENT OF NATURAL RESOURCES ENVIRONMENTAL PROTECTION DIVISION, GENERAL PERMIT NO. GAR100001

APPENDIX B
NEPHELOMETRIC TURBIDITY UNIT (NTU) TABLE 34

80 26, 2026
1:GA10209/GAA250127 00/CAD/DRAWINGS/PLAN SETS/P-CIVL-EROD-GAA250127 00-0A----->LAYOUT: C-006 EROSION AND SEDIMENT CONTROL NOTES

REV	DATE	COMMENT	DRAWN CHECKED
1	2026-02-26	COUNTY FIRE COMMENTS	KR RA

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AGENCY REVIEW & APPROVAL**

THIS DRAWING IS INTENDED FOR MUNICIPAL AND/OR AGENCY REVIEW AND APPROVAL. IT IS NOT INTENDED AS A CONSTRUCTION DOCUMENT.

PROJECT No.:	GAA250127.00-0
DRAWN BY:	H
CHECKED BY:	B
DATE:	12/05/20
CAD I.D.:	P-CIVL-ERC

PROJECT:

SITE DEVELOPMENT PLANS

FOR



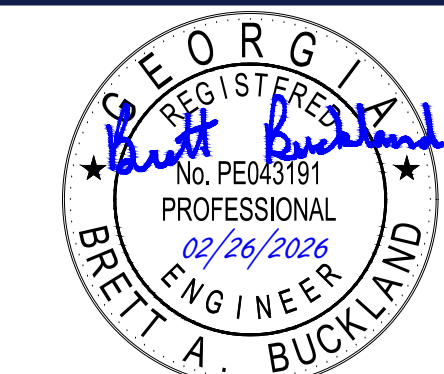
DeKalb County
School District

**DUNWOODY
HIGH SCHOOL
FOOTBALL STADIUM**

**5035 VERMACK RD
DUNWOODY, GA 30338
DEKALB COUNTY, GEORGIA**

BOHLER

**211 PERIMETER CENTER PKWY NE
SUITE 425
ATLANTA, GEORGIA 30346
Phone: (678) 695-6800
GA@BohlerEng.com**



SHEET TITLE:
**EROSION AND
SEDIMENT
CONTROL
NOTES AND
DETAILS**

SHEET NUMBER:

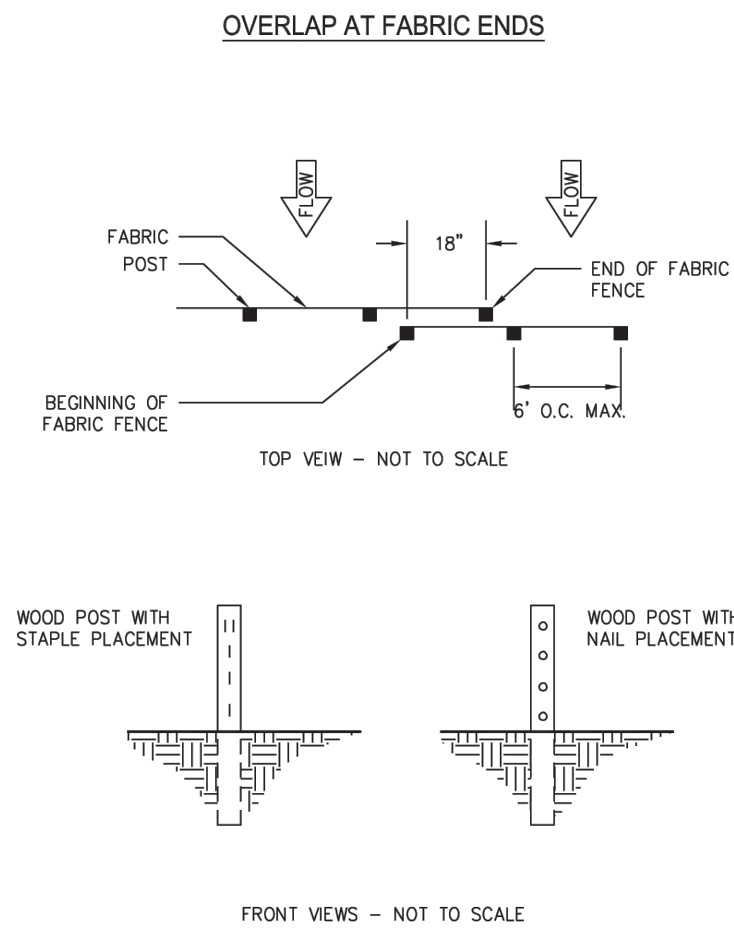
C-806

Table 6-27.2 Post Size			
Type	Min Length	Type of Post	Size of Post
NS	4'	Soft wood Oak Steel	3"dia or 2x4 1.5" x 1.5" 1.15lb./ft. min
S	4'	Steel Oak	1.15-1.25 lb./ft. min 2"x2"

Table 6-27.3 Fasteners for Wood Posts				
Gauge	Crown	Legs	Staples / Post	
Wire Staples	17 min.	3/4" wide	1/2" long	5 min.
Gauge	Length	Button Heads	Nail/ Post	
Nails	14 min.	1"	3/4"	4 min.

Note: Filter Fabric may also be attached to the post by wire, cords, and pockets.

FASTENERS FOR SILT FENCES



NOTES:
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER.

Figure 6-27.5

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Table 6-27.4

TYPE FENCE	A	B	C
Tensile Strength (Lbs. Min.) (1) (ASTM D-4632)	Warp - 120 Fill - 100	Warp - 120 Fill - 100	Warp - 260 Fill - 180
Elongation (% Max.) (ASTM D-4632)	40	40	40
AOS (Apparent Opening Size) (Max. Sieve Size) (ASTM D-4751)	#30	#30	#30
Flow Rate (Gal/Min/Sq. Ft.) (GDT-87)	25	25	70
Ultraviolet Stability (2) (ASTM D-4632 after 300 hours weathering in accordance with ASTM D-4355)	80	80	80
Bursting Strength (PSI Min.) (ASTM D-3786 Diaphragm Bursting Strength Tester)	175	175	175
Minimum Fabric Width (Inches)	36	22	36

- (1) Minimum roll average of five specimens.
(2) Percent of required initial minimum tensile strength.

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Inlet Sediment Trap Sd2



DEFINITION

A temporary protective device formed at or around an inlet to a storm drain to trap sediment.

PURPOSE

To prevent sediment from entering a storm drainage systems prior to permanent stabilization of the disturbed area draining to the inlet.

CONDITIONS

All storm drain drop inlets that receive runoff from disturbed areas.

DESIGN CRITERIA

Through testing there are two different categories (high retention and high flow) supported. In areas where BMPs are being used on paved surfaces, or safety is a concern, the potentially negative effects of ponding should be taken into account. In such cases, a high flow BMP is preferred.

On unpaved areas where ponding will not cause a safety hazard, high retention shall be taken into account. If high retention is not used in this situation a rationale shall be given on the plan and an unpaved application should apply.

Sediment traps must be self-draining unless they are otherwise protected in an approved fashion that will not present a safety hazard. The drainage area entering the inlet sediment trap shall be no greater than one acre.

If runoff may bypass the protected inlet, a temporary dike should be constructed on the down slope side of the structure. Also, a stone

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filter ring may be used on the up slope side of the inlet to slow runoff and filter larger soil particles. Refer to Fr-Stone Filter Ring.

CONSTRUCTION SPECIFICATIONS

Excavated Inlet Sediment Trap

An excavation may be created around the inlet sediment trap to provide additional sediment storage. The trap shall be sized to provide a minimum storage capacity calculated at the rate of 67 cubic yards per acre of drainage area. A minimum depth of 1.5 feet for sediment storage should be provided. Side slopes shall not be steeper than 2:1.

Sediment traps may be constructed on natural ground surface, on an excavated surface, or on machine compacted fill, provided they have a non-erodible outlet.

Filter Fabric with Supporting Frame

This method of inlet protection is applicable where the inlet drains a relatively flat area (slope no greater than 5%) and shall not apply to inlets receiving concentrated flows, such as in street or highway medians. As shown in Figure 6-28.1, Type S silt fence supported by steel posts should be used. The stakes shall be spaced evenly around the perimeter of the inlet a maximum of 3 feet apart, and securely driven into the ground, approximately 18 inches deep. The fabric shall be 36 inches tall and entrenched 12 inches and backfilled with crushed stone or compacted soil. Fabric and wire shall be securely fastened to the posts, and fabric ends must be overlapped a minimum of 18 inches or wrapped together around a post to provide a continuous fabric barrier around the inlet.

Baffle Box

For inlets receiving runoff with a higher volume or velocity, a baffle box inlet sediment trap should be used. As shown in Figure 6-28.2, the baffle box shall be constructed of 2' x 4' boards spaced a maximum of 1 inch apart or of plywood with weep holes 2 inches in diameter. The weep holes shall be placed approximately 6 inches on center vertically and horizontally. Gravel shall be placed outside the box, all around the inlet, to a depth of 2 to 4 inches. The entire box is wrapped

in Type C filter fabric that shall be entrenched 12 inches and backfilled.

Block and Gravel Drop Inlet Protection

This method of inlet protection is applicable where heavy flows are expected and where an overflow capacity is necessary to prevent excessive ponding around the structure. As shown in Figure 6-28.3, one block is placed on each side of the structure on its side in the bottom row to allow pool drainage. The foundation should be excavated at least 2 inches below the crest of the storm drain. The bottom row of blocks is placed against the edge of the storm drain for lateral support and to avoid washouts when overflow occurs. If needed, lateral support may be given to subsequent rows by placing 2' x 4' wood studs through block openings. Hardware cloth or comparable wire mesh with 1/2 inch openings shall be fitted over all block openings to hold gravel in place. Clean gravel should be placed 2 inches below the top of the block on a 2:1 slope or flatter and smoothed to an even grade. DOT #57 washed stone is recommended.

Gravel drop Inlet Protection

This method of inlet protection is applicable where heavy concentrated flows are expected. As shown in Figure 6-28.4, stone and gravel are used to trap sediment. The slope toward the inlet shall be no steeper than 3:1. A minimum 1 foot wide level stone area shall be left between the structure and around the inlet to prevent gravel from entering the inlet. On the slope toward the inlet, stone 3 inches in diameter and larger should be used. On the slope away from the inlet, 1/2 to 3/4 inch gravel (#57 washed stone) should be used at a minimum thickness of 1 foot.

Sod Inlet Protection

This method of inlet protection is applicable only at the time of permanent seeding, to protect the inlet from sediment and mulch material until permanent vegetation has become established. As shown in Figure 6-28.5, the sod shall be placed to form a turf mat covering the soil for

a distance of 4 feet from each side of the inlet structure. Sod strips shall be staggered so that adjacent strip ends are not aligned.

Curb Inlet Protection

Once pavement has been installed, a curb inlet filter shall be installed on inlets receiving runoff from disturbed areas. This method of inlet protection shall be removed if a safety hazard is created.

One method of curb inlet protection uses "pigs-in-a-blanket" - 8-inch concrete blocks wrapped in filter fabric. See Figure 6-28.6. Another method uses gravel bags constructed by wrapping DOT #57 stone with filter fabric, wire, plastic mesh, or equivalent material.

A gap of approximately 4 inches shall be left between the inlet filter and the inlet to allow for overflow and prevent hazardous ponding in the roadway. Proper installation and maintenance are crucial due to possible ponding in the roadway, resulting in a hazardous condition. Several other methods are available to prevent the entry of sediment into storm drain inlets.

Figure 6-28.7 shows one of these alternative methods.

MAINTENANCE

The trap shall be inspected daily and after each rain, and repairs made as needed. Sediment shall be removed when the sediment has accumulated to one-half the height of the trap. Sediment shall be removed from curb inlet protection immediately. For excavated inlet sediment traps, sediment shall be removed when one-half of the sediment storage capacity has been lost to sediment accumulation. Sod inlet protection shall be maintained as specified in Ds4 - Disturbed Area Stabilization (With Sodding).

Sediment shall not be washed into the inlet. It shall be removed from the sediment trap, disposed of and stabilized so that it will not enter the inlet again.

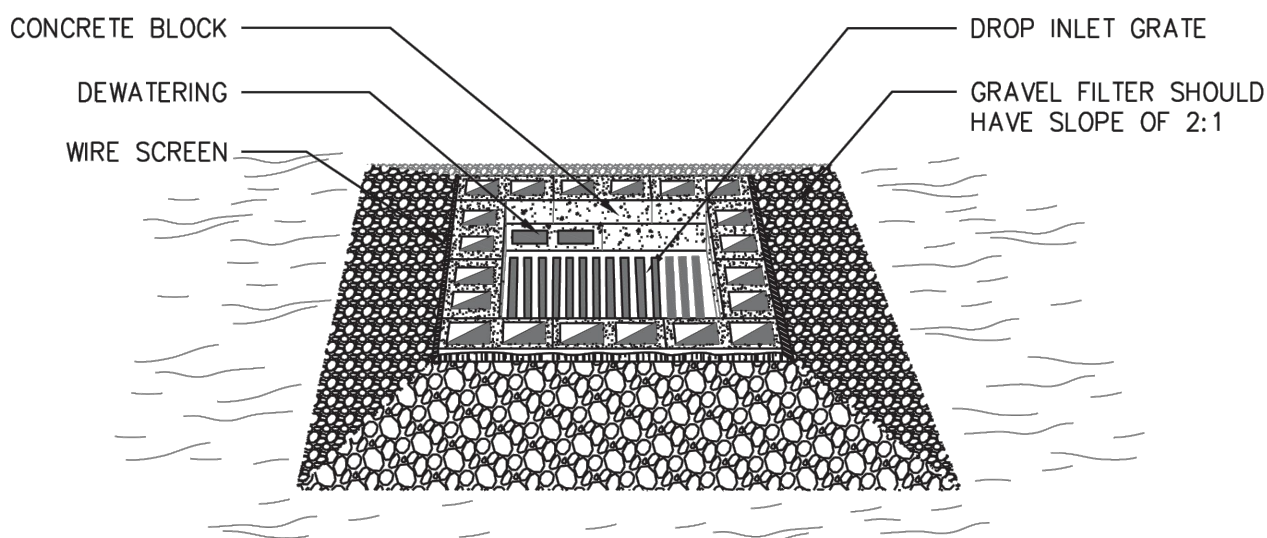
When the contributing drainage area has been permanently stabilized, all materials and any sediment shall be removed, and either

6-148

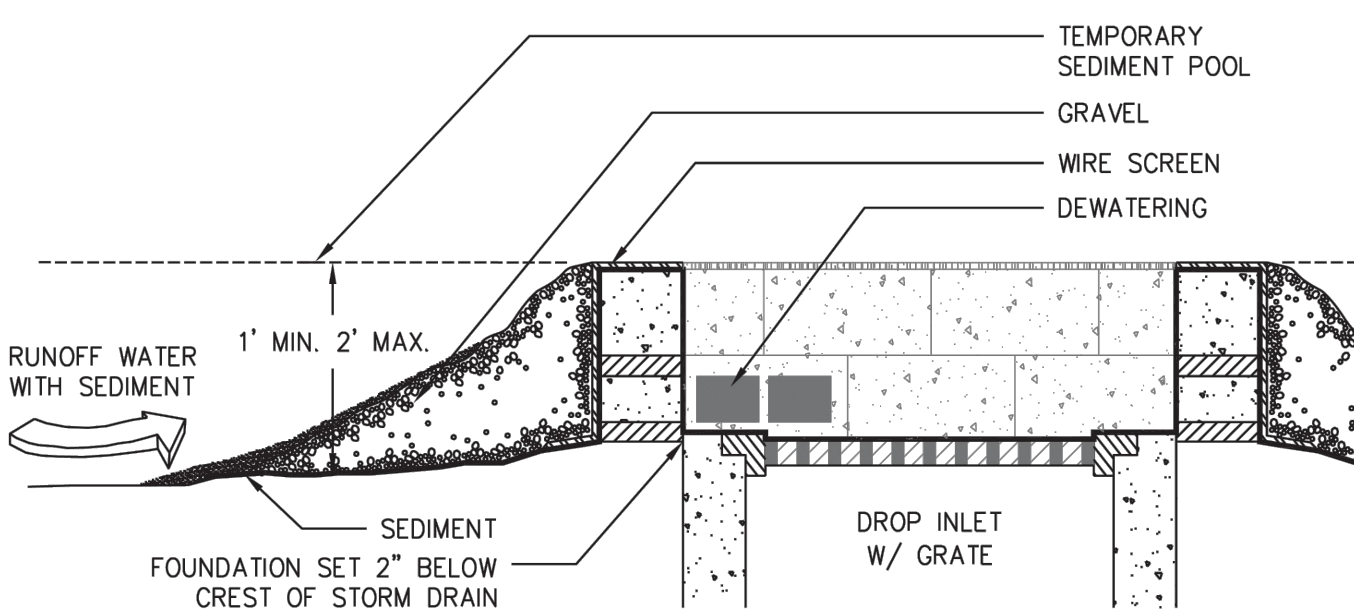
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salvaged or disposed of properly. The disturbed area shall be brought to proper grade, then smoothed and compacted. Appropriately stabilize all disturbed areas around the inlet.

BLOCK AND GRAVEL PERSPECTIVE



BLOCK AND GRAVEL SECTION



- NOTE:
- HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
 - THE FOUNDATION SHOULD BE EXCAVATED AT LEAST 2 INCHES BELOW THE CREST OF THE STORM DRAIN. THE FIRST ROW OF BLOCKS WILL BE PLACED HERE FOR LATERAL SUPPORT.
 - ONE BLOCK (AS SHOWN) IS TO BE PLACED ON EACH SIDE OF THE STRUCTURE ON ITS SIDE IN THE BOTTOM ROW TO ALLOW FOR POOL DRAINAGE.

Figure 6-28.3 Block and Gravel Drop Inlet Protections

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FABRIC AND SUPPORTING FRAME FOR INLET PROTECTION

STEEL FRAME AND TYPE C SILT FENCE INSTALLATION

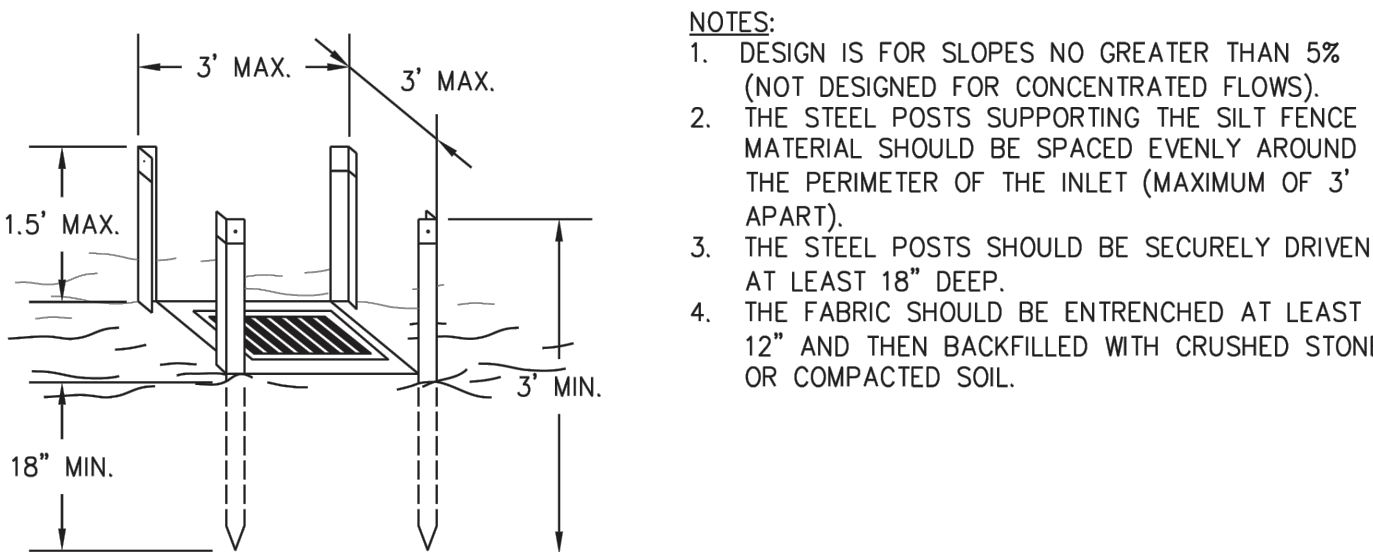


Figure 6-28.1 - Fabric and Supporting Frame For Inlet Protection

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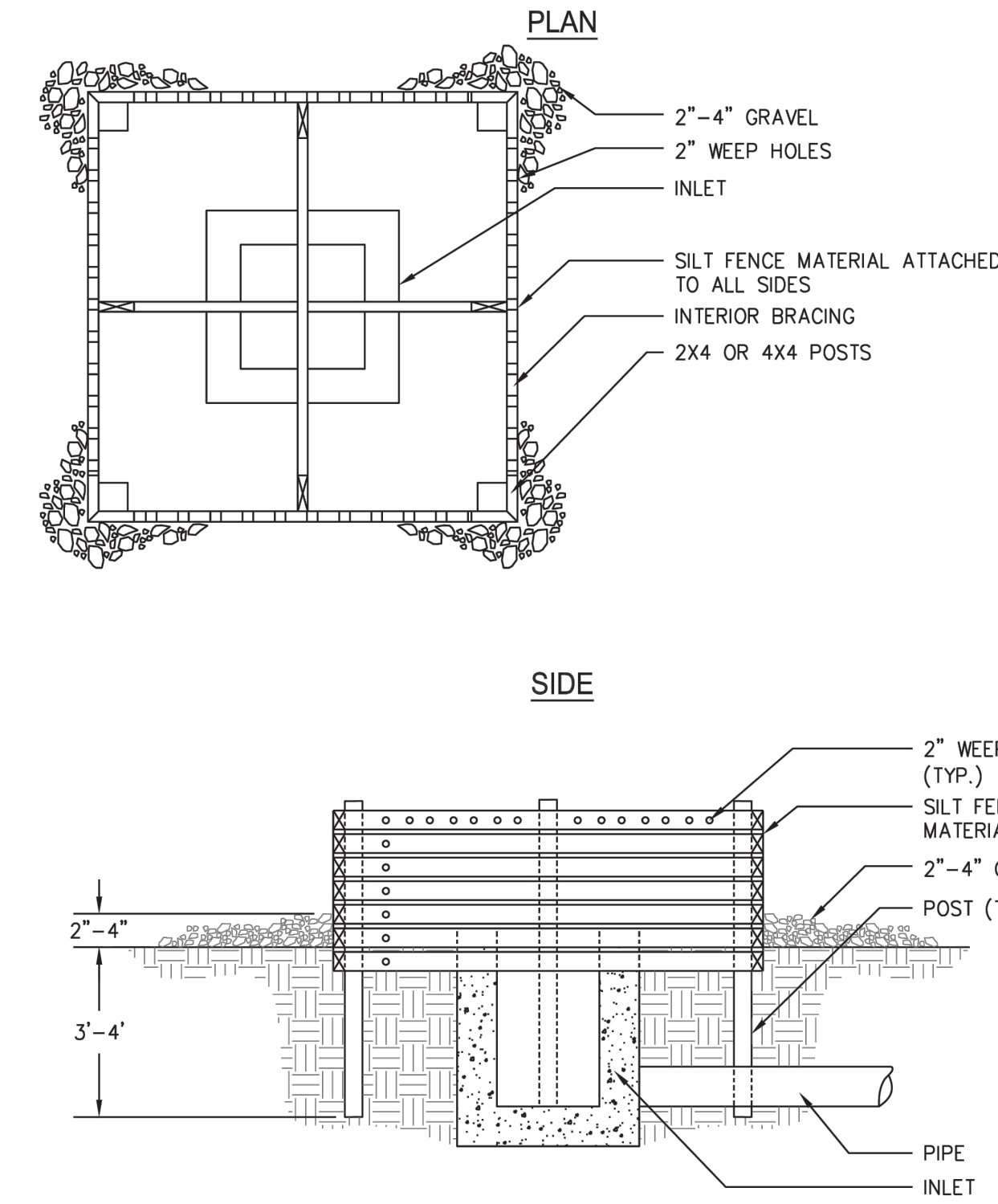


Figure 6-28.2 Baffle Box

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REVISIONS

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1	2026-02-26	COUNTY FIRE COMMENTS	KD

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EROSION AND SEDIMENT CONTROL NOTES AND DETAILS

SHEET NUMBER:

C-808

REVISION 1 - 2026-02-26

Slope Stabilization

Ss



DEFINITION

A protective covering used to prevent erosion and establish temporary or permanent vegetation on steep slopes, shore lines, or channels.

PURPOSE

To provide a cover layer that stabilizes the soil and acts as a rain drop impact dissipater while providing a microclimate that protects young vegetation and promotes its establishment. If using slope stabilization to reinforce channels, please refer to specification, **Ch-Channel Stabilization**.

CONDITIONS

Slope stabilization can be applied to flat areas or slopes where the erosion hazard is high and erosion protection is needed during the establishment of vegetation.

PLANNING CONSIDERATIONS

Care must be taken to choose the type of slope stabilization product that is most appropriate for the specific needs of a project. Two general types of slope stabilization products are discussed within this specification.

Rolled Erosion Control Products (RECP)

A natural fiber blanket with single or double photodegradable or biodegradable nets.

Hydraulic Erosion Control Products (HECP)

HECP shall utilize straw, cotton, wood or other natural based fibers held together by a soil binding agent that works to stabilize soil particles. Paper mulch should not be used for erosion control.

CRITERIA

Rolled Erosion Control Products (RECPs) and Hydraulic Erosion Control Products (HECPs):

- Installation and stapling of RECPs and application rates for the HECPs shall conform to manufacturer's guidelines for application
- Short-Term RECPs as a minimum shall be used to stabilize concentrated flow areas with a velocity less than 5ft/sec on slopes 3:1 or greater with a height of 10 feet or greater.

Materials – RECP

Hydraulic erosion control products shall be prepackaged from the manufacturer. Field mixing of performance enhancing additives will not be allowed. Fibrous components should be all natural or biodegradable.

Products shall be determined to be non-toxic in accordance with EPA-821-R-02-012.

Materials – RECP

Blankets shall be nontoxic to vegetation, seed, or wildlife. Products shall be determined to be non-toxic in accordance with EPA-821-R-02-012. At minimum, the plastic or biodegradable netting shall be stitched to the fibrous matrix to maximize strength and provide for ease of handling.

RECPs are categorized as follows:

a. Short-Term (functional longevity 12 mo.)

i. Photodegradable

Straw blankets with a top and bottom side photo degradable net. The maximum size of the mesh should be openings of 1.5" centers with degradable thread. Minimum thickness should be 0.35" and minimum density should be 0.5 lbs per square yard.

ii. Biodegradable

Straw blanket with a top and bottom side degradable jute net. The top side net should consist of machine direction strands that are

twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.5" X 1.0". The blanket should be sewn together on 1.5" centers with degradable thread. Minimum thickness should be 0.25" and minimum density should be 0.5 lbs per square yard.

b. Extended-Term (functional longevity 24 mo.)

i. Photodegradable

Blankets that consist of 70% straw and 30% coconut with a top and bottom side photodegradable net. The top net should have ultraviolet additives to delay breakdown. The maximum size of the mesh should be openings of 0.65" X 0.65". The blanket should be sewn together on 1.5" centers with degradable thread. Minimum thickness should be 0.35" and minimum density should be 0.6 lbs per square yard.

ii. Biodegradable

Blankets that consist of 70% straw and 30% coconut with a top and bottom side biodegradable jute net. The top side net should consist of machine direction strands that are twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.5" X 1.0". The blanket should be sewn together on 1.5" centers with degradable thread. Minimum thickness should be 0.25" and minimum density should be 0.65 lbs per square yard.

c. Long-Term (functional longevity 36 mo.)

i. Photodegradable

Blankets that consist of 100% coconut with a top and bottom side photodegradable net. Each net should have ultraviolet additives to delay breakdown. The maximum size of the mesh should be openings of 0.65" X 0.65". The blanket should be sewn together on 1.5" centers with degradable thread. Minimum thickness should be 0.3" and minimum density should be 0.5 lbs per square yard.

iii. Biodegradable

Blankets that consist of 100% coconut with a top and bottom side biodegradable jute net. The top side net should consist of machine direction strands that are twisted together and then interwoven with cross direction strands (leno weave). The bottom net may be leno weave or otherwise to meet requirements. The approximate size of the mesh should be openings of 0.5" X 1.0". The blanket should be sewn together on 1.5" centers with degradable thread. Minimum thickness should be 0.25" and minimum density should be 0.5 lbs per square yard.

NOTES

It is the intention of this section to allow interchangeable use of RECPs and HECPs for erosion protection on slopes. The project engineer should select the type of erosion control product that best fits the need of the particular site.

Site Preparation

After the site has been shaped and graded to the approved design, prepare a friable seedbed relatively free from clods and rocks more than one inch in diameter, and any foreign material that will prevent contact of the soil stabilization mat with the soil surface. Surface must be smooth to ensure proper contact of blankets or matting to the soil surface. If necessary, redirect any runoff from the ditch or slope during installation.

MAINTENANCE

All erosion control blankets and matting should be inspected periodically following installation, particularly after rainstorms to check for erosion and undermining. Any dislocation or failure should be repaired immediately. If washouts or breakage occurs, reinstall the material after repairing damage to the slope or ditch. Continue to monitor these areas until they become permanently stabilized.

TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

BLANKET AND MATTING CROSS-SECTIONS

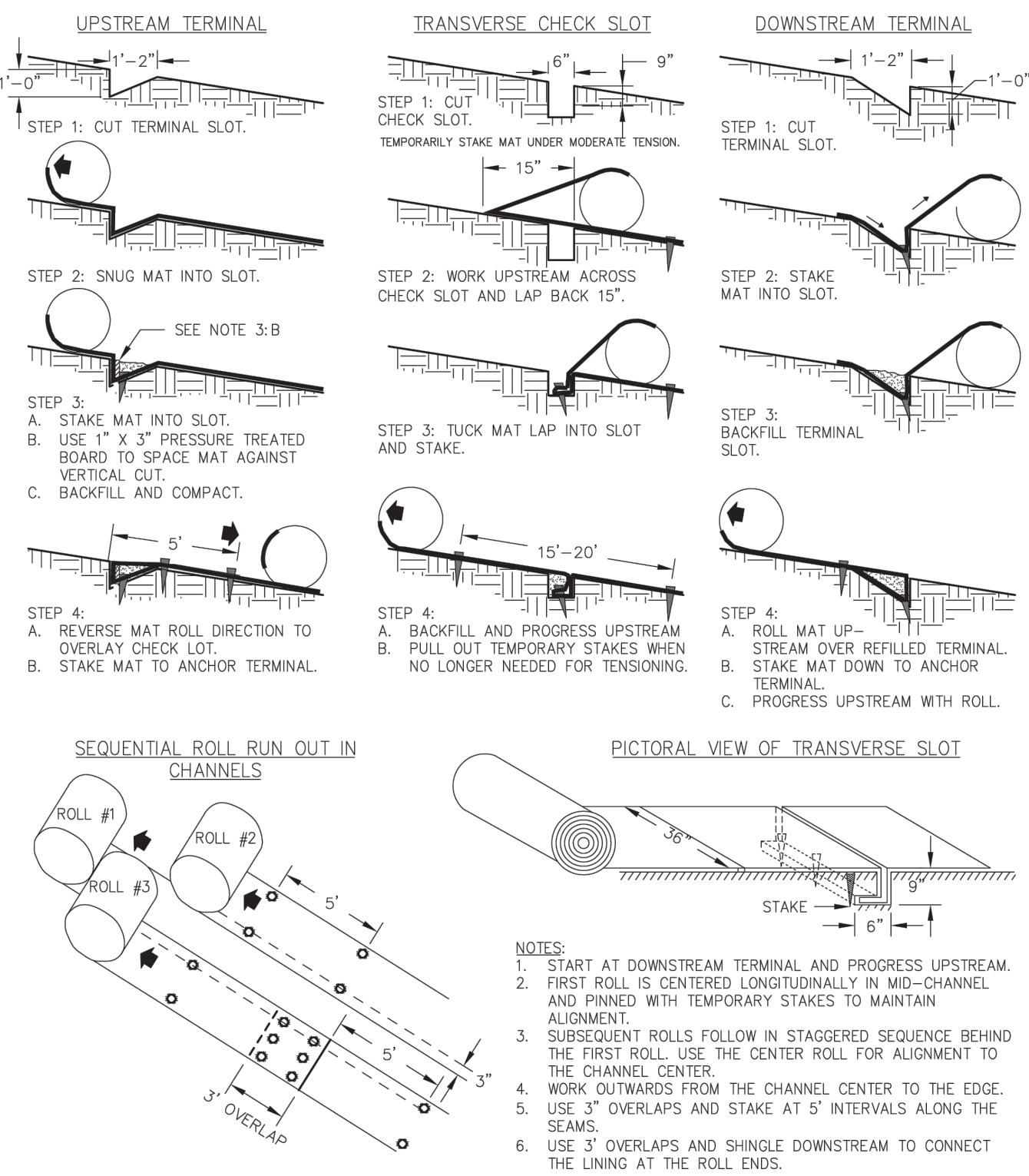


Figure 6-10.1 - Typical Installation Guidelines for Matting and Blankets

CURB INLET FILTER "PIGS IN BLANKET"

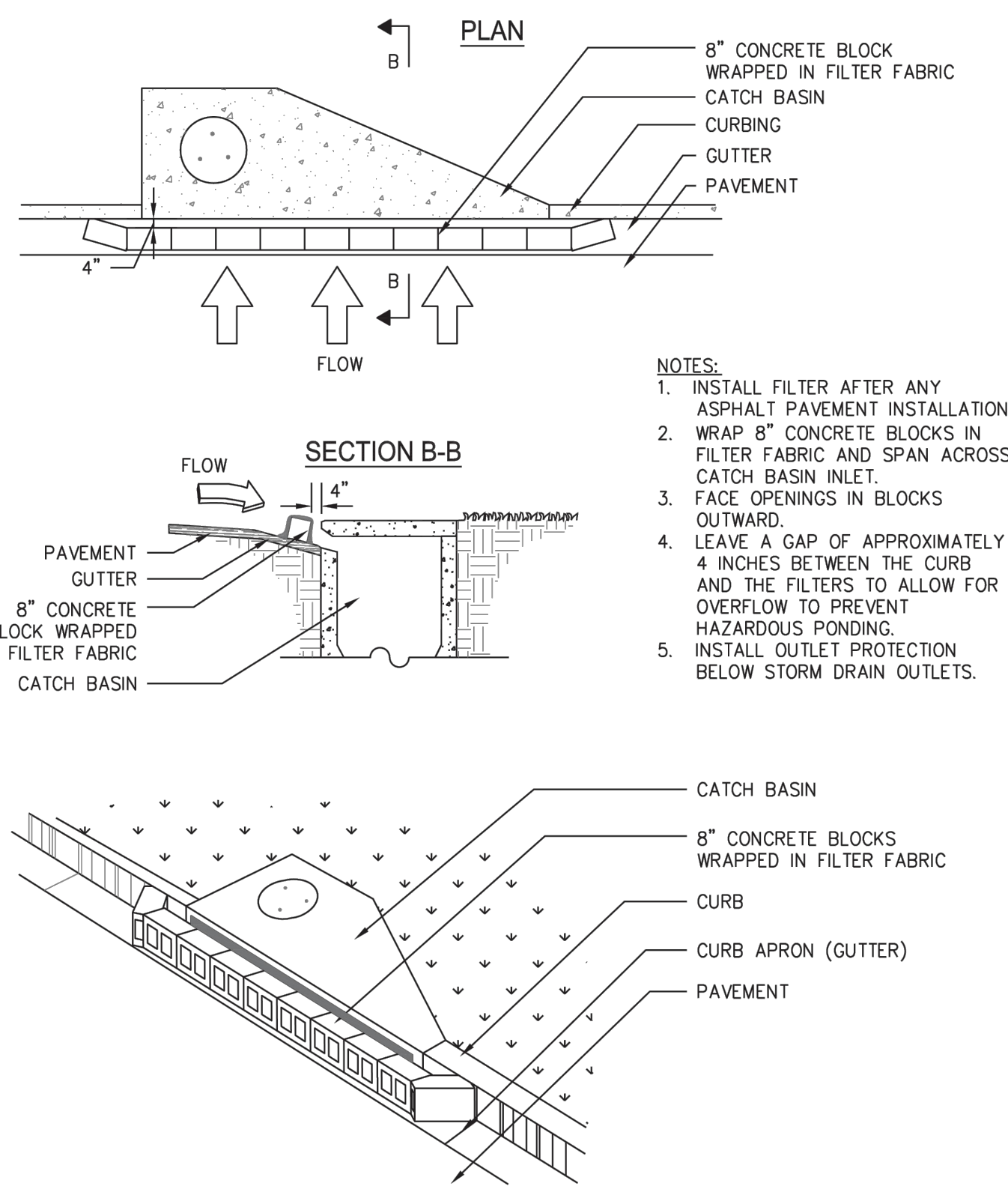


Figure 6-28.6 Curb Inlet Filter "Pigs in Blanket"

DISTURBED AREA STABILIZATION (WITH SODDING)

Ds4



DEFINITION

A permanent vegetative cover using sods on highly erodible or critically eroded lands.

PURPOSE

- Establish immediate ground cover.

- Reduce runoff and erosion.
- Improve aesthetics and land value.

- Reduce dust and sediments.

- Stabilize waterways, critical areas.

- Filter sediments, nutrients and bugs.

- Reduce downstream complaints.

- Reduce likelihood of legal action.

- Reduce likelihood of work stoppage due to legal action.

- Increase "good neighbor" benefits.

CONDITIONS

This application is appropriate for areas that require immediate vegetative covers, drop inlets, grass swales, and waterways with intermittent flow.

PLANNING CONSIDERATIONS

Sodding can initially be more costly than seeding, but the advantages justify the increased initial costs:

1. Immediate erosion control, green surface, and quick use.
2. Reduced failure as compared to seed as well as the lack of weeds.
3. Can be established nearly year-round.

Sodding is preferable to seed in waterways and swales because of the immediate protection of the channel after application. Sodding must be staked in concentrated flow areas (See Figure 6-6.1).

Consider using sod framed around drop inlets to reduce sediments and maintaining the grade.

CONSTRUCTION SPECIFICATIONS

Soil Preparation

Bring soil surface to final grade. Clear surface of trash, woody debris, stones and clods larger than 1". Apply sod to soil surfaces only and not frozen surfaces, or gravel type soils.

Topsoil properly applied will help guarantee a stand. Don't use topsoil recently treated with herbicides or soil sterilants.

Mix fertilizer into soil surface. Fertilize based on soil tests or Table 6-6.1.

Fertilizer Type	Fertilizer Rate (lbs/acre)	Fertilizer Rate (lbs/sq ft)	Season
10-10-10	1000	.025	Fall

Agricultural lime should be applied based on soil tests or at a rate of 1 to 2 tons per acre.

Installation

Lay sod with tight joints and in straight lines. Don't overlap joints. Stagger joints and do not stretch sod (See Figure 6-6.2)

On slopes steeper than 3:1, sod should be anchored with pins or other approved methods. Installed sod should be rolled or tamped to provide good contact between sod and soil.

Irrigate sod and soil to a depth of 4" immediately after installation.

Sod should not be cut or spread in extremely wet or dry weather. Irrigation should be used to supplement rainfall for a minimum of 2-3 weeks.

MATERIALS

Sod selected should be certified. Sod grown in the general area of the project is desirable.

1. Sod should be machine cut and contain 3/4" (+ or - 1/4") of soil, not including shoots or thatch.
2. Sod should be cut to the desired size within + or - 5%. Torn or uneven pads should be rejected.
3. Sod should be cut and installed within 36 hours of digging.
4. Avoid planting when subject to frost heave or hot weather, if irrigation is not available.
5. The sod type should be shown on the plans or installed according to Table 6-6.2. See Figure 6-4.1 for your Resource Area.

MAINTENANCE

Re-sod areas where an adequate stand of sod is not obtained. New sod should be mowed sparingly. Grass height should not be cut less than 2"-3" or as specified (See Figure 6-6.2).

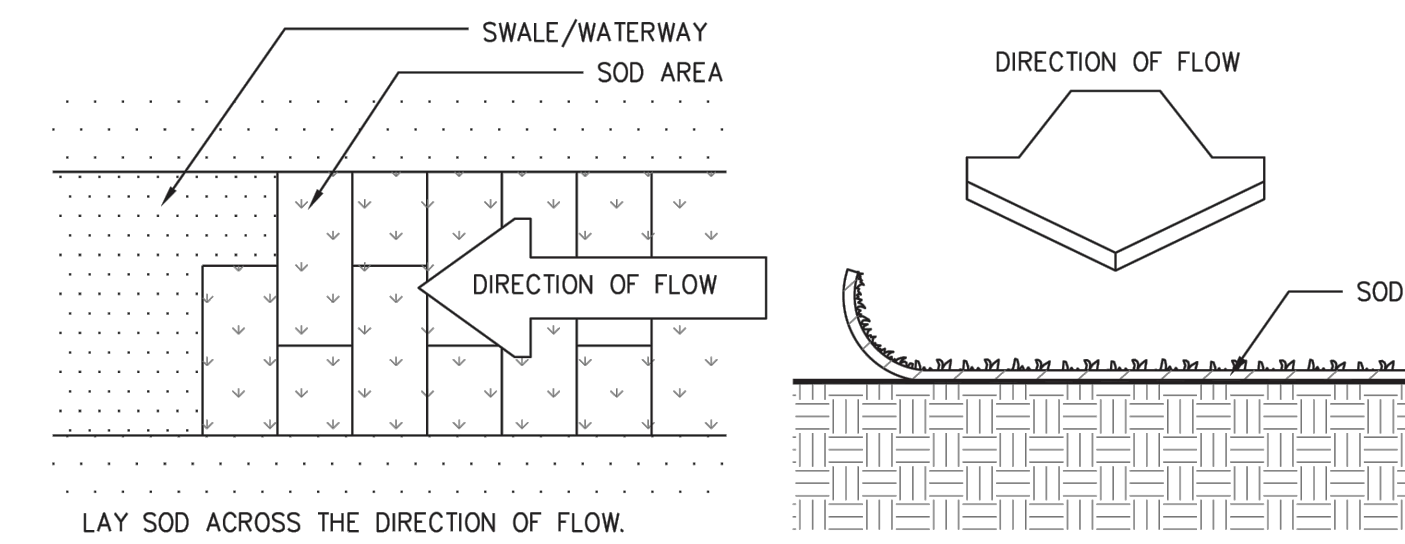
Apply one ton of agricultural lime as indicated by soil test or every 4-6 years. Fertilize grasses in accordance with soil tests or Table 6-6.3.

Grass	Varieties	Resource Area	Growing Season
Bermudagrass	Common Tifway Tifgreen Tifdawn	M-L,P P,C P,C P,C	warm weather
Bahiagrass	Pensacola	P,C	warm weather
Centipede	—	P,C	warm weather
St. Augustine	Common Bitterblue Raleigh	C	warm weather
Zoysia	Emerald Myer	P,C	warm weather
Tall Fescue	Kentucky	M-L,P	cool weather

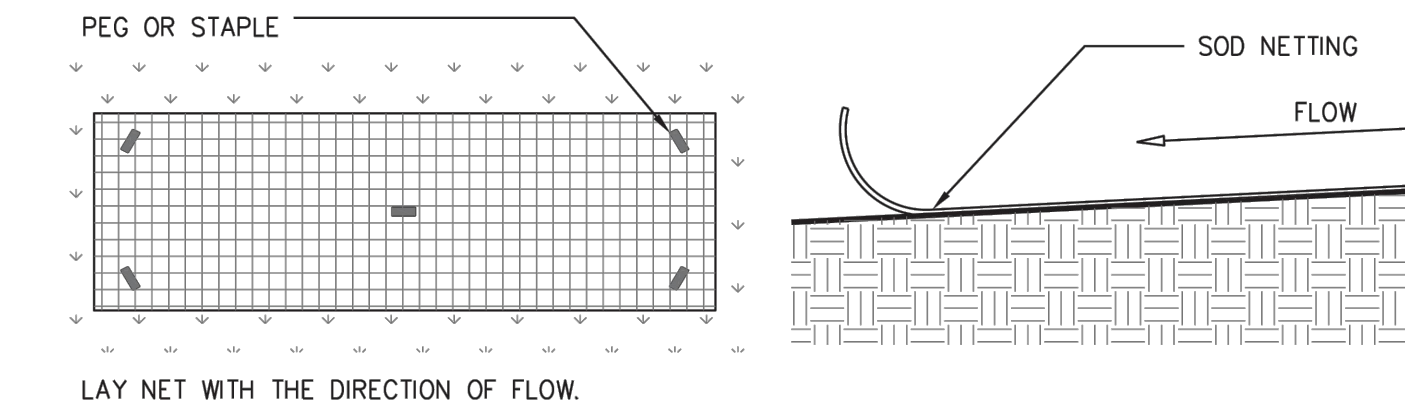
Types of Species	Planting Year	Fertilizer (N-P-K)	Rate (lbs./acre)	Nitrogen Top Dressing Rate (lbs./acre)
cool season grasses	first	6-12-12	1500	50-100
	second	6-12-12	1000	-
	maintenance	10-10-10	400	30
warm season grasses	first	6-12-12	1500	50-100
	second	6-12-12	800	50-100
	maintenance	10-10-10	400	30

SODDED WATERWAYS

SOD DIRECTIONS



NETTING DIRECTIONS



PEG DETAIL

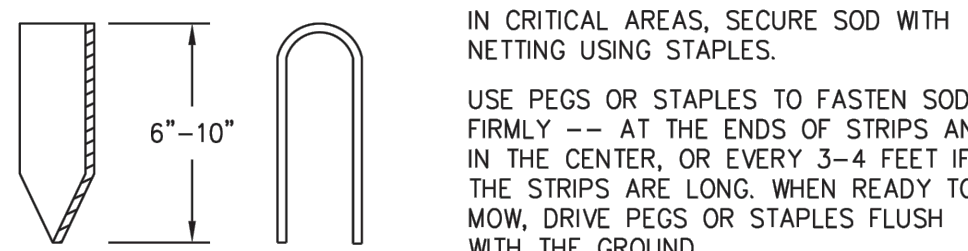
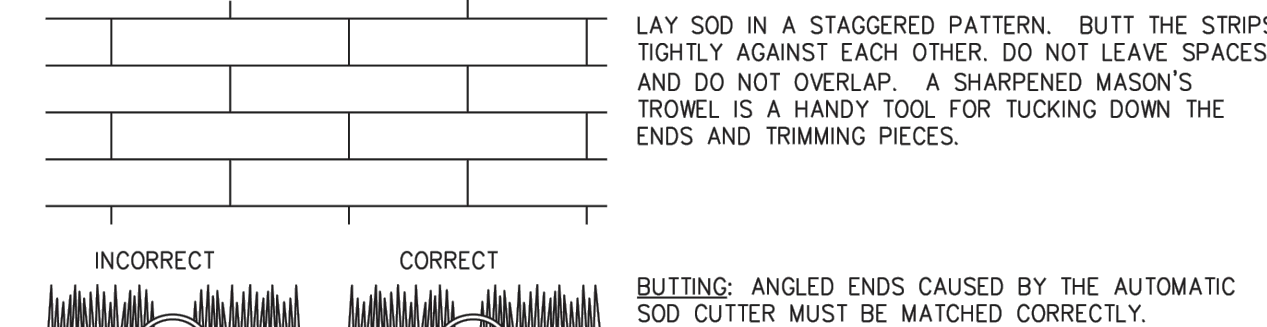


Figure 6-6.1

SOD MAINTENANCE AND INSTALLATION

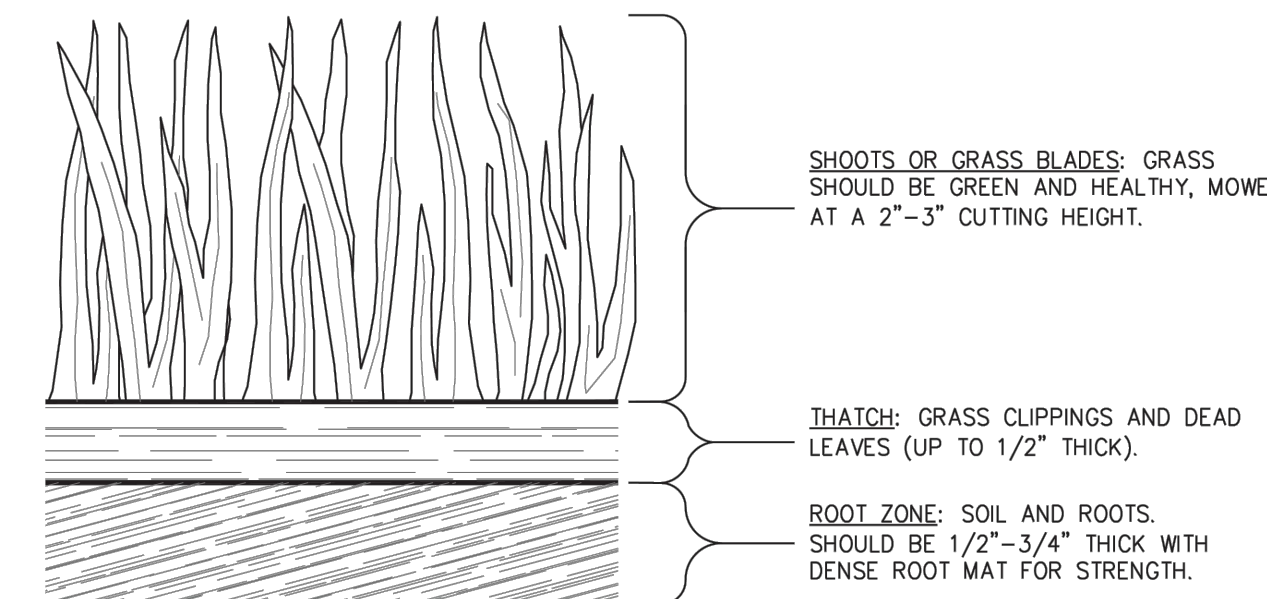
SOD LAYOUT AND PREPARATION



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. MOW WHEN THE SOD IS ESTABLISHED --- IN 2-3 WEEKS. SET THE MOWER HIGH (2"-3").

APPEARANCE OF GOOD SOD



Source: Va. DSWC

Figure 6-6.2

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1	2026-02-26	COUNTY FIRE COMMENTS	KD BAB

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DRAWN BY: KD

CHECKED BY: BAB

DATE: 12/05/2025

CAD I.D.: P-CIVL-EROD

PROJECT:

SITE DEVELOPMENT PLANS

FOR

DeKalb County

5035 VERMACK RD

DUNWOODY, GA 30338

DEKALB COUNTY, GEORGIA

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