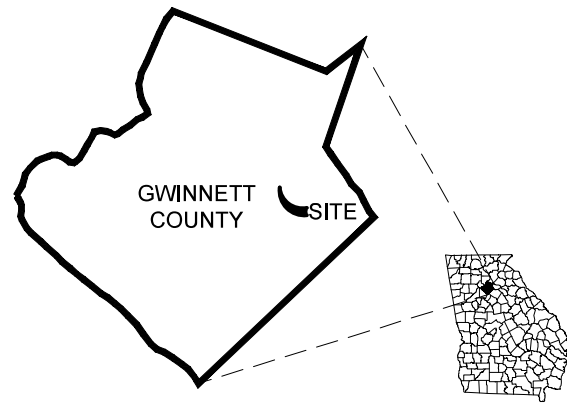
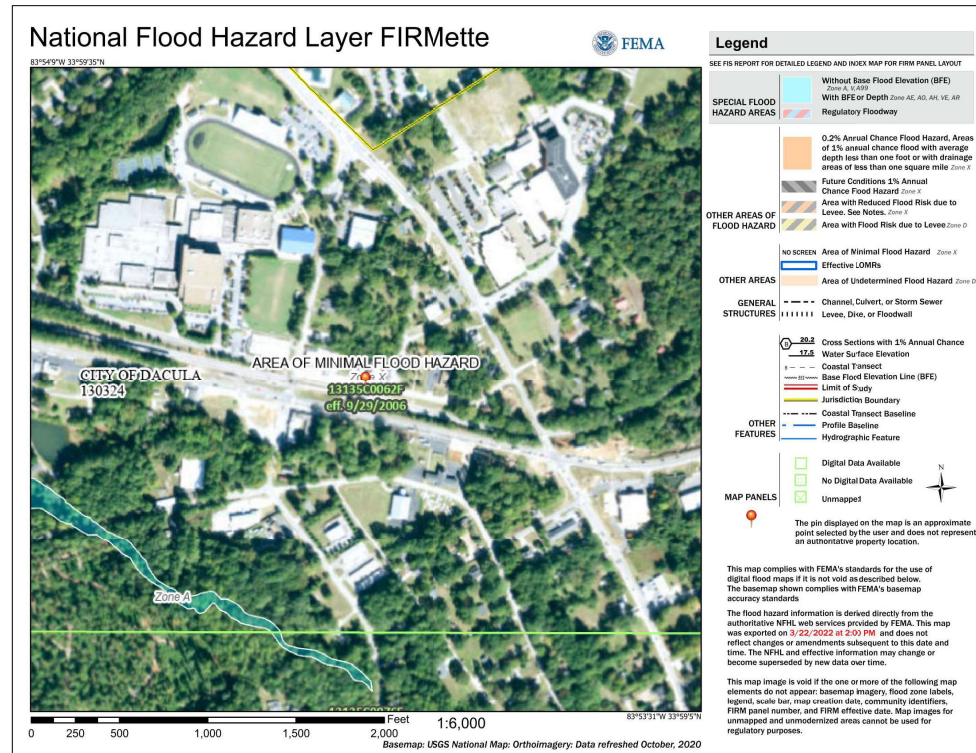


WILSON STREET TEMPORARY GRAVEL PARKING LOT FOR CITY OF DACULA

217 WILSON STREET
DACULA, GA 30019
DISTRICT 5, LAND LOT 302
SITE AREA/DISTURBED AREA: 0.46 AC



VICINITY MAP
NOT TO SCALE



WETLANDS
THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED, AND, 2) THE APPROPRIATE PLAN SHEET () DOES / (X) DOES NOT INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS; AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.

PROJECT DESCRIPTION:
THE PROJECT CONSISTS OF CLEARING AND GRUBBING, GRADING, INSTALLING GRAVEL BASE FOR TEMPORARY PARKING LOT, INSTALLING PARKING LOT CURB STOPS, PICNIC TABLES, AND EROSION CONTROL.

ENGINEER/SURVEYOR:
BOWMAN
4174 SILVER PEAK PARKWAY
SUWANEE, GEORGIA 30024
PH: 770-932-6550 FX: 770-932-6551
ENGINEER CONTACT: KEVIN D WHIGHAM, P.E. EMAIL: KWhigham@bowman.com

SITE VISIT CERTIFICATION:
"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."
KEVIN D WHIGHAM, P.E. - GS/C LEVEL II CERTIFICATION #95 EXP. 9/27/2025 DATE

FLOODPLAIN:
PART OF THIS PROPERTY DOES NOT LIE WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) PER FEMA FIRM PANEL 13135C0062F DATED 9/29/2006.

STATE WATERS
STATE WATERS ARE NOT ON THIS SITE REQUIRING A 25' STATE UNDISTURBED BUFFER, 50' COUNTY UNDISTURBED BUFFER AND 75' IMPERVIOUS SETBACK MEASURED FROM THE TOP OF BANK.
RECEIVING WATERS HOPKINS CREEK

SURVEY:
THE BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN IS FROM A SURVEY PERFORMED BY BOWMAN DATED MARCH 11, 2022, DATUM, MEAN SEA LEVEL, NAD83 GA WEST FOOT

DRAWING INDEX

SH. NO.	SHEET NAME	SUBMITTALS	
		5/20/2024	
C-0.0	COVER SHEET	X	
C-1.0	EXISTING CONDITIONS/DEMOLITION PLAN	X	
C-2.0	SITE PLAN	X	
C-3.0	GRADING PLAN	X	
C-4.0	EROSION, SEDIMENTATION & POLLUTION CONTROL PHASE I, II, III	X	
C-4.1	EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES	X	
C-4.2	EROSION, SEDIMENTATION & POLLUTION CONTROL DETAILS	X	
C-4.3	EROSION, SEDIMENTATION & POLLUTION CONTROL DETAILS	X	
C-5.0	CONSTRUCTION DETAILS	X	

24 HOUR CONTACT
CITY OF DACULA
BRITNI NIX
BRITNI.NIX@DACULAGA.GOV
770-963-7451

Bowman
Certificate of Authorization License No. LS000341
Bowman Consulting Group Ltd
4174 Silver Peak Parkway
Suwanee, GA 30024
Phone: (770) 932-6550
www.bowman.com
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COVER SHEET
WILSON STREET TEMPORARY GRAVEL PARKING LOT
217 WILSON STREET
DACULA, GA 30019
GWINNETT COUNTY
CONSULTANT PROJECT # 23-1004



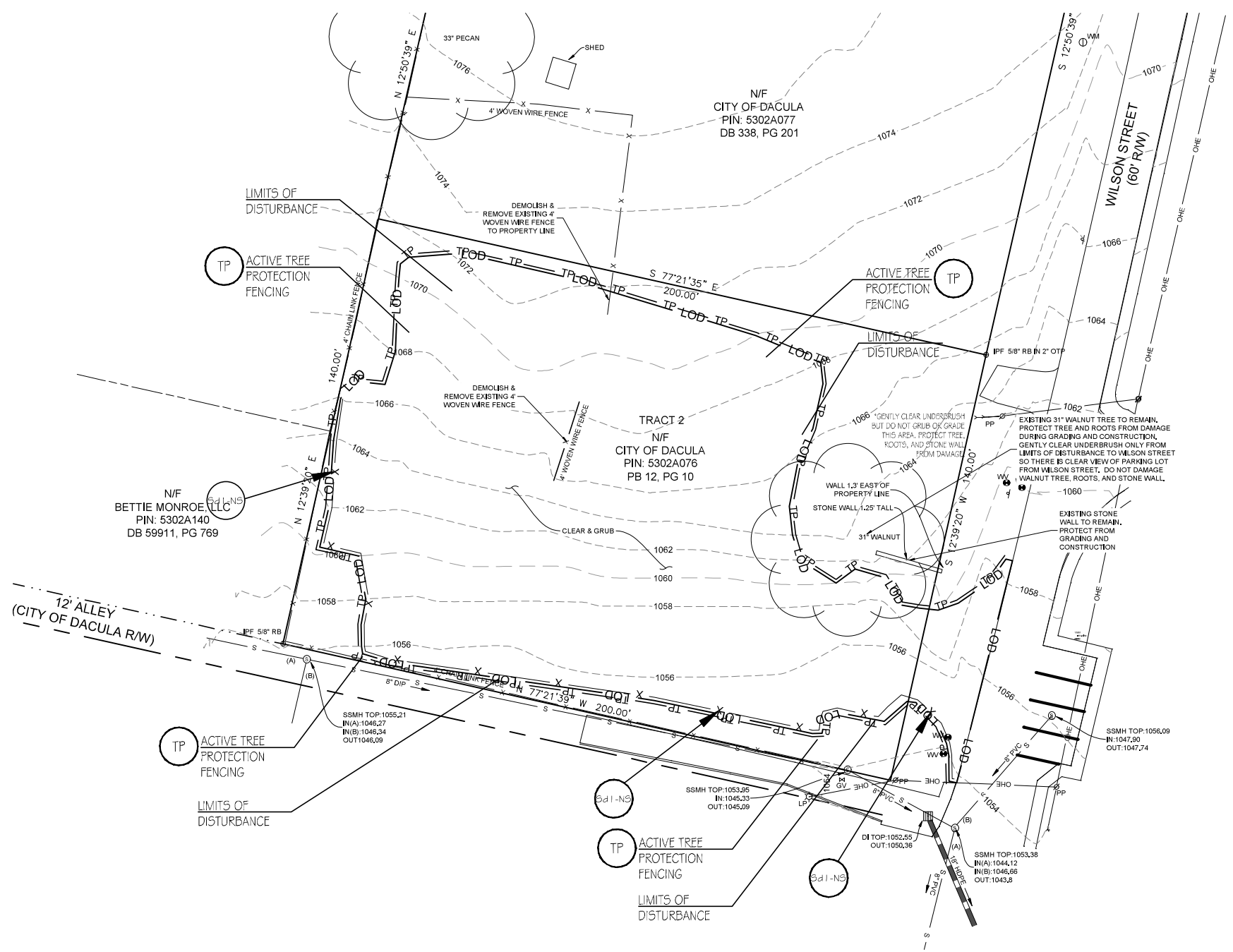
PLAN STATUS

DATE	DESCRIPTION	
KDW	RWH	KDW
DESIGN	DRAWN	CHKD
SCALE		
JOB No.	23-1004	
DATE :	May 21, 2024	
FILE No.		
SHEET No.	C0.0	

May 21, 2024
File Path: P:\2023\1004\Wilson Street - City of Dacula\1004_C000-C005.dwg
THIS DOCUMENT, TOGETHER WITH THE CONCRETE AND DESIGN PRESENTED HEREIN, IS AN INSTRUMENT OF SERVICE. IT IS INTENDED ONLY FOR THE SPECIFIC PURPOSE AND CLIENT FOR WHICH IT WAS PREPARED. REUSE OF AND IMPROPER RELIANCE ON THE DOCUMENT WITHOUT WRITTEN AUTHORIZATION AND ADAPTATION BY BOWMAN CONSULTANTS SHALL BE WITHOUT LIABILITY TO BOWMAN CONSULTANTS.



May 21, 2024
 This plan is prepared in accordance with the Georgia Professional Engineers Act, Chapter 127, Title 47, Code of Official Code of Georgia Annotated, and the Georgia Professional Engineers Board Rules and Regulations. The engineer and the client warrant that the information contained herein is true and correct and that the engineer is duly licensed in the State of Georgia. The engineer and the client warrant that the information contained herein is true and correct and that the engineer is duly licensed in the State of Georgia. The engineer and the client warrant that the information contained herein is true and correct and that the engineer is duly licensed in the State of Georgia. The engineer and the client warrant that the information contained herein is true and correct and that the engineer is duly licensed in the State of Georgia.



LEGEND

— LOD — LIMITS OF DISTURBANCE

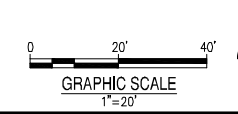
— TP — TREE PROTECTION FENCING

— X — SILT FENCE (TYPE S)

DISTURBED AREA
0.46 ACRES

DEMOLITION NOTES:

- BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AT THE PROJECT SITE BY ON-SITE VISITATION AND INSPECTION. REVIEW ALL PLANS, SPECIFICATIONS, FEDERAL, STATE AND COUNTY REGULATIONS AND ORDINANCES TO FULLY ASCERTAIN THE SCOPE OF THE WORK ILLUSTRATED AND/OR IMPLIED WITHIN THESE PLANS.
- COMPLY WITH ALL UTILITIES PROTECTION CENTER REQUIREMENTS. (SEE #4 BELOW)
- SURVEY AND ESTABLISH ALL TOPOGRAPHIC BENCHMARKS, BOUNDARY MONUMENTATION, BUILT ITEMS AND EXISTING UTILITIES PERTAINING TO THE WORK SHOWN OR IMPLIED WITHIN THESE PLANS AND MAINTAIN SAID LOCATIONS THROUGHOUT THE DURATION OF THE PROJECT.
- THE PROJECT EXISTING UTILITIES SHOWN HERE HAVE BEEN LOCATED IN AN APPROXIMATE WAY.
 - MARK ALL UTILITIES SHALL CONTACT THE UTILITY PROTECTION CENTER AT (1-800-282-7411);
 - VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL UTILITIES;
 - PROTECT ALL UTILITIES FROM DAMAGE OR INTERRUPTION;
 - REPAIR ANY AND ALL DAMAGES THAT OCCUR DUE TO FAILURE TO VERIFY THE LOCATION OR PROTECT UTILITIES.
- THE OWNER & DESIGN PROFESSIONAL / LAND SURVEYOR DO NOT GUARANTEE THAT ALL EXISTING UTILITIES ARE ILLUSTRATED ON THESE PLANS. THE CONTRACTOR SHALL LOCATE AND VERIFY ALL HORIZONTAL AND VERTICAL LOCATIONS OF EXISTING UTILITIES.
- PROTECT ALL UTILITIES FROM DAMAGE THROUGHOUT THE DURATION OF THE PROJECT AND REPAIR ANY AND ALL DAMAGE TO EXISTING UTILITIES CAUSED BY CONSTRUCTION OPERATIONS. REROUTE, RELOCATE AND/OR MODIFY ANY EXISTING UTILITIES THAT APPEAR ON THE REFERENCE SURVEY (ROADS, ACCESSWAYS, DRAINAGE WAYS, ETC.) IN ORDER TO MAINTAIN THE FUNCTION OF SAID FACILITIES.
- DEMOLISH, REMOVE, RELOCATE, STORE, STOCKPILE THE EXISTING BUILT ITEMS AS ILLUSTRATED ON THE PLANS AND PERFORM ANY INCIDENTAL DEMOLITION WHICH MAY BE REQUIRED TO ACCOMPLISH THE IMPROVEMENTS SHOWN OR IMPLIED WITHIN THE PLANS.
- MATERIAL, EQUIPMENT AND FIXTURES TO BE REMOVED, WHICH ARE NOT NOTED FOR REUSE OR WHICH HAVE NOT BEEN DESIGNATED BY THE OWNER FOR RETAINAGE OR DELIVERY TO HIS WAREHOUSE OR HOLDING AREA(S), BECOME THE PROPERTY OF THE CONTRACTOR, PROMPTLY REMOVE FROM THE SITE. ANY DISPOSAL OF SAID MATERIALS SHALL BE DONE SO LEGALLY.
- RENDER THE ENTIRE CLEARED SITE FREE OF DEMOLISHED REMNANTS, DEBRIS AND OTHER ITEMS OR CONDITIONS WHICH MIGHT HAVE A DELETERIOUS EFFECT ON THE CONTINUED CONSTRUCTION OF THE PROJECT.
- PROVIDE ALL TEMPORARY TRAFFIC SAFETY DEVICES INCLUDING BUT NOT LIMITED TO BARRICADES, SIGNAGE, SIGNAL LIGHTS OR FLAGMEN TO PROTECT THE PUBLIC AT LARGE, AND CONSTRUCTION PERSONNEL WHILE OPERATING WITHIN PUBLIC STREETS AND / OR RIGHTS-OF-WAY.
- ERECT AND MAINTAIN ALL SOIL EROSION CONTROL MEASURES PRIOR TO DEMOLITION OPERATIONS AND PROTECT ALL ADJACENT PROPERTIES REGARDLESS OF OWNERSHIP.
- ALL EXISTING ASPHALT PAVEMENT THAT IS TO BE DEMOLISHED WILL BE DEMOLISHED AND REMOVED TO EARTH SUB-GRADE. MATERIAL IS TO BE DISPOSED OF LEGALLY OFF-SITE.
- ALL BUFFERS AND TREE SAVE AREAS ARE TO BE CLEARLY IDENTIFIED WITH FLAGGING AND / OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- FIRE HYDRANTS AND WATER MAINS ARE TO BE INSTALLED, FLUSHED AND UNDER PRESSURE BEFORE ANY COMBUSTIBLE CONSTRUCTION IS STARTED.
- DURING CONSTRUCTION ACCESS ROADWAYS CONSTRUCTED OF AN ALL WEATHER SURFACE CAPABLE OF SUPPORTING 75,000 POUNDS GROSS WEIGHT SHALL BE PROVIDED PER INTERNATIONAL FIRE PREVENTION CODE 2003 EDITION, CH. 5, SECTION 503.2.3 AS REQUIRED.
- REMOVE ALL MISCELLANEOUS DEBRIS FROM WITHIN THE PROJECT LIMITS OF DISTURBANCE.
- SAW-CUT SMOOTH LINE BETWEEN PORTIONS OF CURB AND GUTTER TO BE DEMOLISHED AND REMOVED AND REMAINING PORTIONS.
- DO NOT PUT ANY EQUIPMENT, MATERIALS, OR DEBRIS ON ANY ADJACENT PROPERTY.
- CLEAR AND GRUB EXISTING VEGETATION WITHIN THE LIMITS OF DISTURBANCE EXCEPT THE AREAS WITHIN A DESIGNATED TREE SAVE AREA. DO NOT BURY ANY CLEARING AND GRUBBING DEBRIS AND / OR DEMOLITION DEBRIS ON-SITE.
- BURNING ON-SITE IS NOT PERMITTED.



24 HOUR CONTACT
 CITY OF DACULA
 BRITTON NIX
 BRITTON.NIX@DACULAGA.GOV
 770-963-7451

DEMOLITION PLAN
 WILSON STREET TEMPORARY GRAVEL
 PARKING LOT
 217 WILSON STREET
 CITY OF DACULA, GA
 GWINNETT COUNTY

CONSULTANT PROJECT #
23-1004



PLAN STATUS		
DATE	DESCRIPTION	
KDW	RWH	KDW
DESIGN	DRAWN	CHKD
SCALE		
JOB No.	23-1004	
DATE :	May 21, 2024	
FILE No.		
SHEET No.	C1.0	





DATE	DESCRIPTION
KDW	RWH
DESIGN	DRAWN
	CHKD

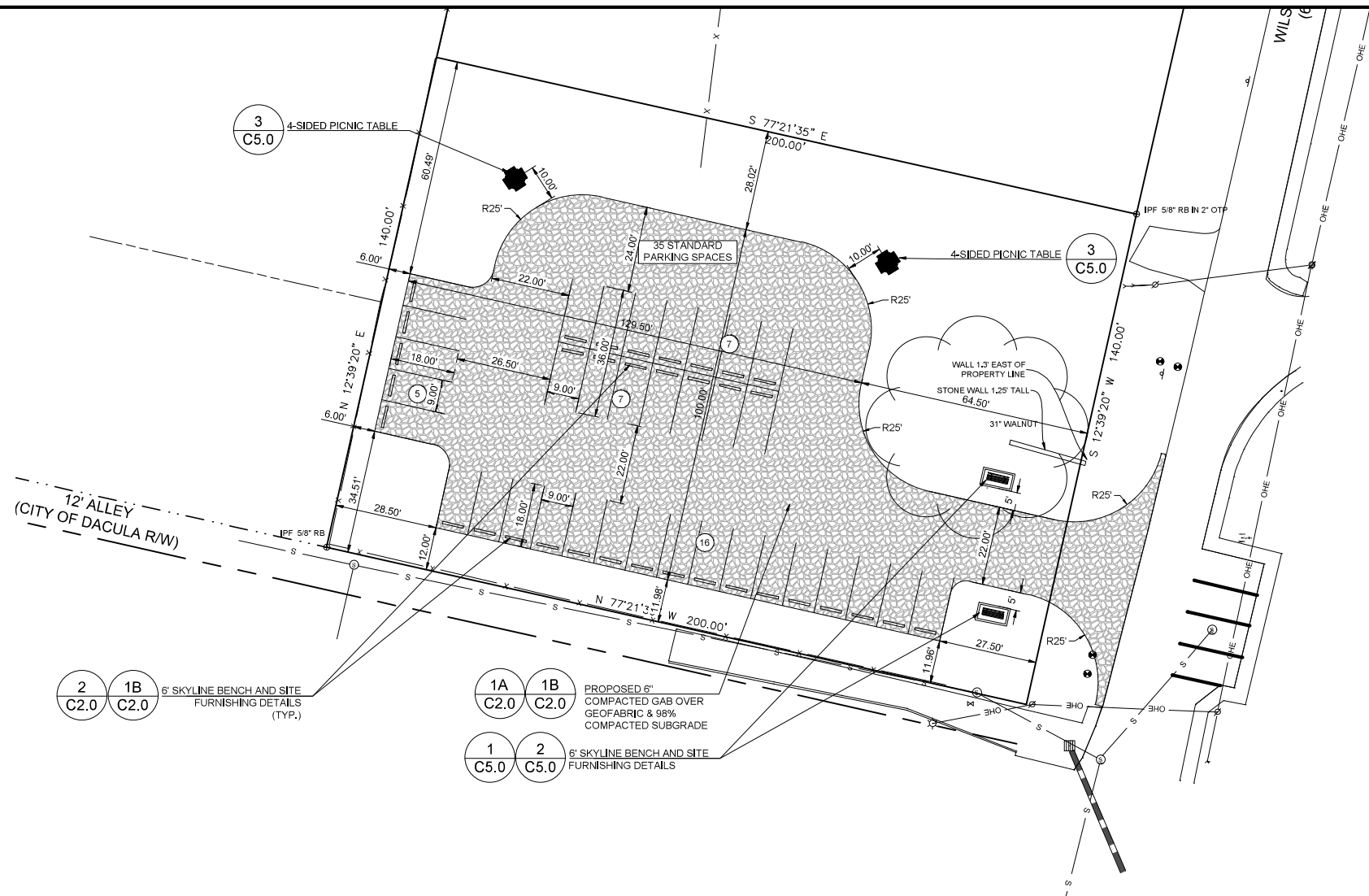
SCALE

JOB No. 23-1004

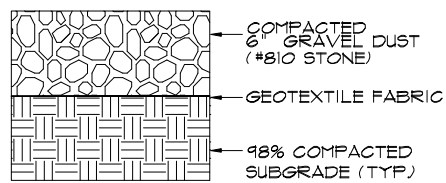
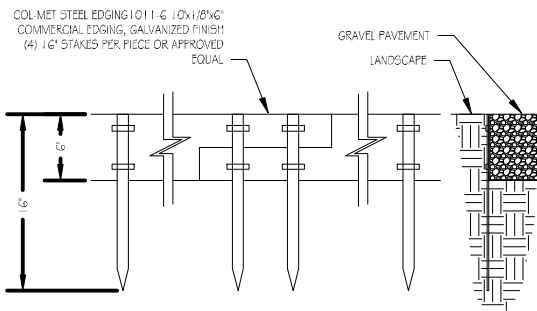
DATE: May 21, 2024

FILE No.

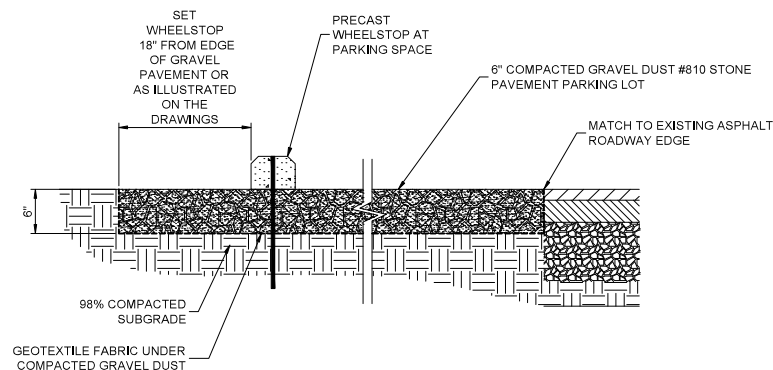
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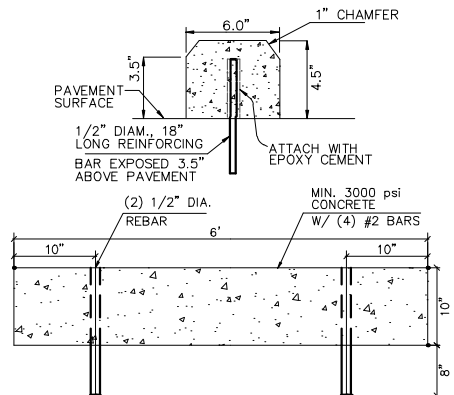
NOTE:
COL-MET METAL SPECIALTIES
3333 MILLER PARK SOUTH
GARLAND, TEXAS 75042
PHONE: 972-494-8900
TOLL-FREE: 1-800-828-8225
FAX: 972-494-1605
EMAIL: SALES@COLMET.COM



1a #810 STONE GRAVEL DUST PARKING
N.T.S.



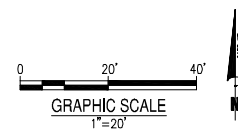
1b GRAVEL DUST PARKING LOT DETAIL
N.T.S.



2 PRECAST WHEELSTOP DETAIL
N.T.S.

SITE NOTES:

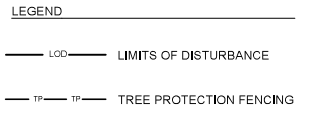
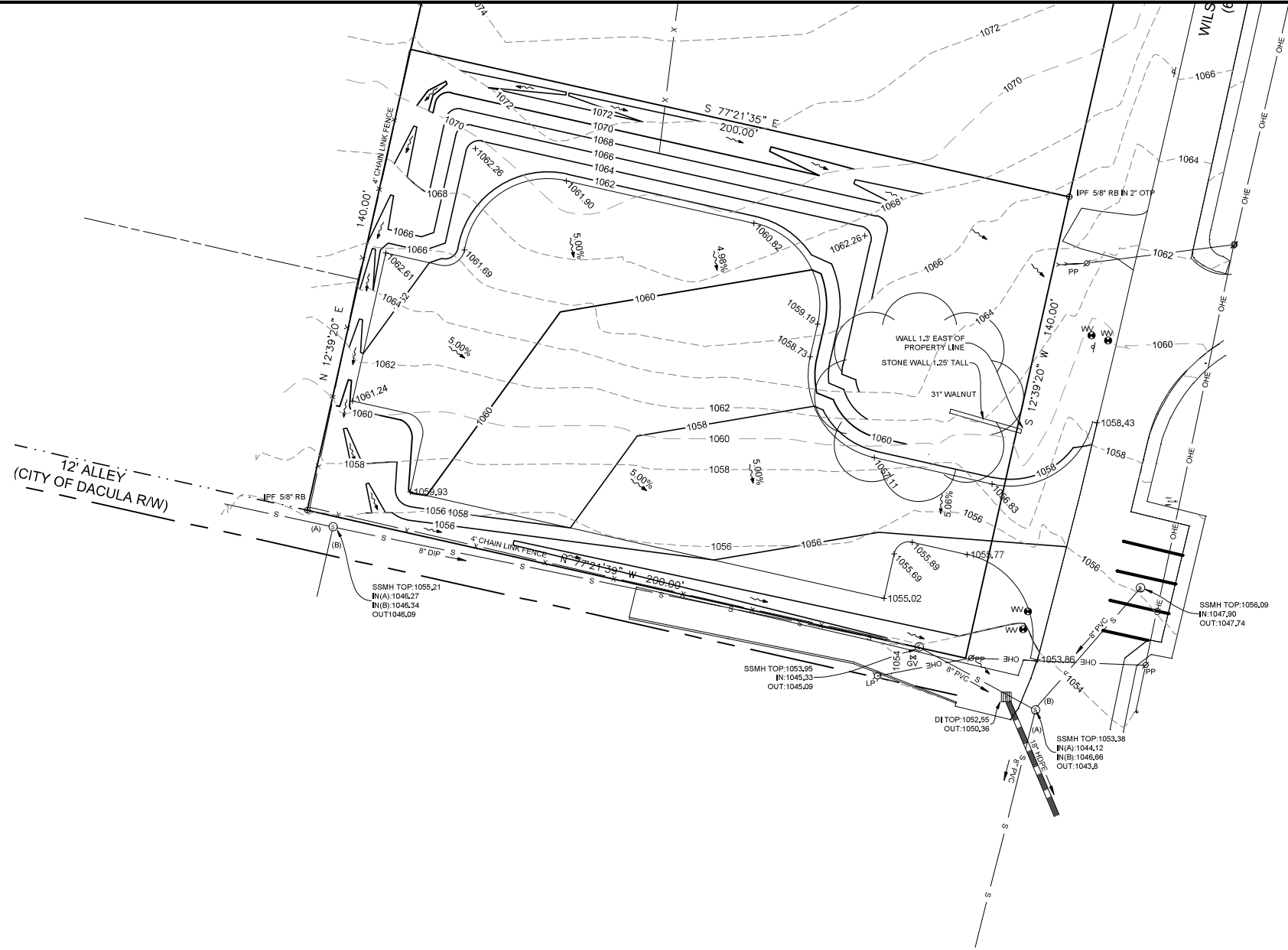
- BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AT THE PROJECT SITE BY ON-SITE VISITATION AND INSPECTION. REVIEW ALL PLANS, SPECIFICATIONS, FEDERAL, STATE AND COUNTY REGULATIONS AND ORDINANCES TO FULLY ASCERTAIN THE SCOPE OF THE WORK ILLUSTRATED AND/OR IMPLIED WITHIN THESE PLANS.
- COMPLY WITH ALL UTILITIES PROTECTION CENTER REQUIREMENTS (SEE #4 BELOW)
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- PROVIDE ALL TEMPORARY TRAFFIC SAFETY DEVICES INCLUDING BUT NOT LIMITED TO BARRICADES, SIGNAGE, SIGNAL LIGHTS OR FLAGMEN TO PROTECT THE PUBLIC AT LARGE, AND CONSTRUCTION PERSONNEL WHILE OPERATING WITHIN PUBLIC STREETS AND / OR RIGHTS-OF-WAY.
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- ALL EXISTING ASPHALT PAVEMENT THAT IS TO BE DEMOLISHED WILL BE DEMOLISHED AND REMOVED TO EARTH SUB-GRADE. MATERIAL IS TO BE DISPOSED OF LEGALLY OFF-SITE.
- ALL BUFFERS AND TREE SAVE AREAS ARE TO BE CLEARLY IDENTIFIED WITH FLAGGING AND / OR FENCING PRIOR TO COMMENCEMENT OF ANY LAND DISTURBANCE.
- REMOVE ALL MISCELLANEOUS DEBRIS FROM THE SITE, THAT ARE DESIGNATED TO BE REMOVED BY THE CITY OF DACULA AND THE DESIGN ENGINEER OR AS DIRECTED IN THE CONSTRUCTION DOCUMENTS.
- SAW-CUT SMOOTH LINE BETWEEN PORTIONS OF CURB AND GUTTER TO BE DEMOLISHED AND REMOVED AND REMAINING PORTIONS.
- DO NOT PUT ANY EQUIPMENT, MATERIALS, OR DEBRIS ON ANY ADJACENT PROPERTY.
- CLEAR AND GRUB EXISTING VEGETATION WITHIN THE LIMITS OF DISTURBANCE EXCEPT THE AREAS WITHIN A DESIGNATED TREE SAVE AREA. SEE SHEET C1.0 DEMOLITION PLAN FOR TREE FENCE LOCATION.
- DO NOT BURY ANY CLEARING AND GRUBBING DEBRIS AND / OR DEMOLITION DEBRIS ON-SITE.
- BURNING ON-SITE IS NOT PERMITTED.



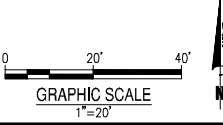
24 HOUR CONTACT
CITY OF DACULA
BRITTON NIX
BRITTON.NIX@DACULAGA.GOV
770-963-7451



May 21, 2024
 File Path: P:\2023\1024\Wilson Street - City of Dacula\1000_07000-000.dwg
 This document, together with the contract and drawings, represents the entire agreement between the parties. No oral or written amendments, changes or modifications shall be made without the written consent of the City of Dacula.



- GRADING & DRAINAGE NOTES:**
1. THE CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL EXISTING SITE CONDITIONS BY SITE VISITATION, DETAILED REVIEW OF ALL CURRENT SITE PLANS, PREVIOUS INFORMATION OF SURROUNDING LAND USES AND ZONING CONDITIONS OR OTHER MATERIALS TO FULLY ASCERTAIN THE SCOPE OF THE WORK IMPLIED WITHIN THE PLANS.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT AND MAINTENANCE OF HORIZONTAL AND VERTICAL BENCHMARKS THROUGHOUT THE DURATION OF THE PROJECT.
 3. THE CONTRACTOR SHALL LIMIT CONSTRUCTION OPERATIONS TO THE PROJECT SITE AND SHALL PROTECT ADJACENT PROPERTIES AND PROPERTY OWNERS FROM ENCROACHMENT BY SOIL EROSION.
 4. THE GRADING DESIGN CONCEPTS CONTAINED HEREIN ARE BASED UPON THE FIELD SURVEY PERFORMED BY BOWMAN, DATED 10/26/2023.
 5. MAXIMUM CUT OR FILL SLOPES = 2H: 1V.
 6. THE SCOPE OF WORK IMPLIED WITHIN THIS PLAN INCLUDES ALL GRADING OPERATIONS FOR FINAL GRADE ELEVATIONS AS SHOWN. THE CONTRACTOR IS RESPONSIBLE FOR ALL EARTH QUANTITIES, GRADING OPERATIONS AND MISCELLANEOUS HAULING AND/OR DISPOSAL OPERATIONS TO RENDER THE SITE TO THE FINAL CONTOUR AND GRADE ELEVATIONS SHOWN ON THE PLAN. FILL REQUIRED SHALL BE FURNISHED, INSTALLED AND COMPACTED AS PART OF CONTRACTOR'S BASE BID. IF "EXCESS" CUT IS GENERATED FROM EXCAVATIONS, SAID "EXCESS" SHALL BE DISTRIBUTED AND FINE GRADED AND GRASSED ON DESIGNATED OR APPROVED AREA OF THE OWNER'S PROPERTY AT NO ADDITIONAL COST TO THE OWNER.
 7. EXISTING GRADE IS TO BE MAINTAINED OR RESTORED TO EXISTING GRADE AFTER STORM WATER PIPE & STRUCTURES ARE INSTALLED.
 8. THERE ARE NO EXISTING WETLANDS ON SITE, WITHIN THE AREA OF CONSTRUCTION PER THE NATIONAL WETLANDS INVENTORY AN EXISTING RIVERINE.
 9. THE SITE, AREA OF CONSTRUCTION, DOES NOT LIE WITHIN A ZONE X FLOOD ZONE PER THE FIRM PANEL 13135C0062F EFFECTIVE DATE 8/29/2006.
 10. SOIL MAP:
 - 10.1. AmC2 APPLING SANDY LOAM, 6 TO 10 PERCENT SLOPES, MODERATELY ERODED.
 - 10.2. ApB APPLING-HARD LABOR COMPLEX, 1 TO 6 PERCENT SLOPES.
 - 10.3. P1B2 PACOLET SANDY LOAM, 2 TO 6 PERCENT SLOPES, MODERATELY ERODED.
 - 10.3. P1gD2 PACOLET SANDY CLAY LOAM, 10 TO 15 PERCENT SLOPES, MODERATELY ERODED.



24 HOUR CONTACT
CITY OF DACULA
BRITNI NIX
 BRITNI.NIX@DACULAGA.GOV
 770-963-7451



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 4774 Silver Peak Parkway
 Suwanee, GA 30024
 Phone: (770) 939-4650
 www.bowman.com
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GRADING PLAN
WILSON STREET TEMPORARY GRAVEL PARKING LOT
 217 WILSON STREET
 CITY OF DACULA, GA
 DACULA, GA 30019
 GWINNETT COUNTY

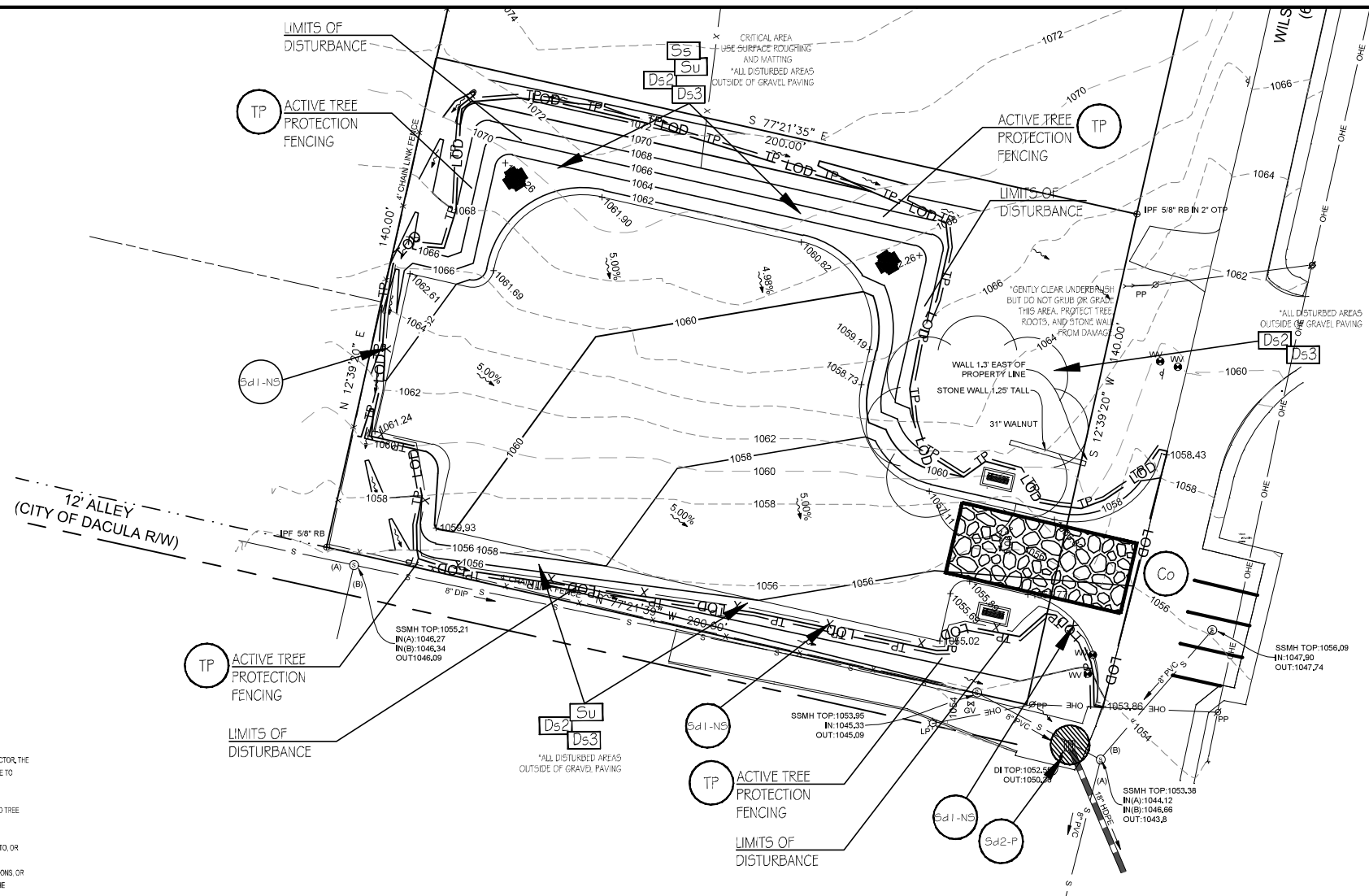
CONSULTANT PROJECT #
 23-1004



PLAN STATUS		

DATE	DESCRIPTION	
KDW	RWH	KDW
DESIGN	DRAWN	CHKD

SCALE
 JOB No. 23-1004
 DATE: May 21, 2024
 FILE No.
 SHEET No. **C3.0**



LEGEND
— LOD — LIMITS OF DISTURBANCE
— TP — TREE PROTECTION FENCING

PHASE I - INITIAL CLEARING PHASE:
Erosion Control Notes

- PRIOR TO LAND DISTURBING CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRECONSTRUCTION MEETING WITH THE AREA SITE DEVELOPMENT INSPECTOR. THE CONTRACTOR SHALL OBSERVE THE PROJECT SEQUENCE SHOWN ON THE PLANS. THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO INSURE THAT LAND STRIPPED OF ITS NATURAL COVER IS EXPOSED ONLY IN SMALL QUANTITIES.
- THE CONTRACTOR AGREES TO PROVIDE AND MAINTAIN OFF-STREET PARKING ON THE SUBJECT PROPERTY DURING THE ENTIRE CONSTRUCTION PERIOD.
- NO STAGING AREAS, MATERIAL STORAGE, CONCRETE WASH OUT AREAS, OR DEBRIS BURN AND BURIAL HOLES SHALL BE LOCATED WITHIN 500 FEET OF DESIGNATED TREE PROTECTION AREAS.
- A COPY OF THE APPROVED LAND DISTURBANCE PLAN AND PERMIT SHALL BE PRESENT ON THE SITE AT ALL TIMES.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION CONTROL MEASURES AND PRACTICES PRIOR TO OR CONCURRENT WITH LAND DISTURBING ACTIVITIES.
- PRIOR TO COMMENCING LAND DISTURBANCE ACTIVITY, THE LIMITS OF LAND DISTURBANCE SHALL BE CLEARLY AND ACCURATELY DEMARCATED WITH STAKES, RIBBONS, OR OTHER APPROPRIATE MEANS. THE LOCATION AND EXTENT OF ALL AUTHORIZED LAND DISTURBANCE ACTIVITY SHALL BE DEMARCATED FOR THE DURATION OF THE CONSTRUCTION ACTIVITY. NO LAND DISTURBANCE SHALL OCCUR OUTSIDE THE APPROVED LIMITS INDICATED ON THE APPROVED PLANS.
- PRIOR TO ANY OTHER CONSTRUCTION, A STABILIZED CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AT EACH POINT OF ENTRY TO OR EXIT FROM THE SITE OR ONTO ANY PUBLIC ROADWAY.
- THE FOLLOWING INITIAL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED PRIOR TO ANY OTHER CONSTRUCTION ACTIVITY.
 - THE CONSTRUCTION EMBANKMENT, CONSISTING OF A MINIMUM PAD SIZE OF 20 FEET BY 50 FEET WITH A MINIMUM OF 6-INCH THICK STONE, SHALL BE PLACED AS SHOWN ON THE PLAN. THE STONE SIZE SHOULD CONSIST OF COARSE AGGREGATE BETWEEN 1-1/2" & 1-1/2" IN DIAMETER AND OVERLAP ON A GEOTEXTILE UNDERLIE. THE GEOTEXTILE UNDERLIE SHALL MEET THE REQUIREMENTS OF ASTM D 2875-06, SECTION 7.3, SEPARATION REQUIREMENTS.
 - IMMEDIATELY AFTER THE ESTABLISHMENT OF CONSTRUCTION ENTRANCE/EXITS, ALL PERIMETER EROSION CONTROL AND STORM WATER MANAGEMENT DEVICES SHALL BE INSTALLED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
 - TYPE "C" SILT FENCE SHOULD BE INSTALLED AT THE PERIMETER OF THE DISTURBED AREA AS SHOWN ON THE PLAN. THE SILT FENCE SHOULD BE KEPT ERECT AT ALL TIMES AND REPAIRED WHEN REQUESTED BY THE SITE INSPECTOR OR THE PROJECT DESIGN PROFESSIONAL OF RECORD. SILT FENCE SHOULD BE REMOVED WHEN ACCUMULATION REACHED 1/2 HEIGHT OF THE BARRIER. THE PERIMETER SILT FENCE SHOULD BE INSPECTED DAILY FOR ANY FAILURES. ANY FAILURES OF SILT FENCING SHOULD BE REPAIRED IMMEDIATELY.
 - INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL EXISTING STORM STRUCTURES AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR SPECIFIC TYPES OF INLET PROTECTION SPECIFIED.
 - STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN.
 - TREE PROTECTION FENCING SHOULD BE INSTALLED PRIOR TO THE START OF ANY LAND DISTURBANCE ACTIVITY AND MAINTAINED UNTIL FINAL LANDSCAPE IS INSTALLED. THE TREE PROTECTION FENCING SHOULD BE INSPECTED DAILY. ANY FAILURES OF SFD FENCING SHOULD BE REPAIRED IMMEDIATELY.
- AFTER INSTALLATION OF INITIAL EROSION CONTROL MEASURES THE SITE CONTRACTOR SHALL SCHEDULE AN INSPECTION BY THE PROJECT DESIGN PROFESSIONAL. NO OTHER CONSTRUCTION ACTIVITIES SHALL OCCUR UNTIL THE PROJECT DESIGN PROFESSIONAL APPROVES THE INSTALLATION OF SAID EROSION CONTROL MEASURES. IF UNFORESEEN CONDITIONS EXIST IN THE FIELD THAT WARRANT ADDITIONAL EROSION CONTROL MEASURES, THE CONTRACTOR MUST CONSTRUCT ANY ADDITIONAL EROSION CONTROL DEVICES DEEMED NECESSARY BY THE SITE INSPECTOR. AFTER APPROVAL OF THE INITIAL EROSION CONTROL INSTALLATION, THE CONTRACTOR MAY PROCEED WITH CLEARING AND GRUBBING ACTIVITIES AS CLEARING PERMITS. AS CLEARING PERMITS, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT PONDS AND DIVERSION Dikes AS SHOWN ON THE CLEARING PHASE PLAN TO CONTROL EROSION AND STORM WATER RUN OFF.
- THE CONTRACTOR CAN UTILIZE CLEARED TREES AS BARRIER BUSHES FOR SEDIMENT CONTROL IN AREAS SHOWN ON PLAN WHERE INITIAL GRADING ACTIVITIES WILL NOT OCCUR.
- NO BURN OR BURN PITS SHALL BE PERMITTED ON THE CONSTRUCTION SITE.
- ADDITIONAL SILT BARRIERS MUST BE PLACED AS SHOWN ON THE PLAN AS CLEARING IS OBTAINED DURING CLEARING. NO GRADING SHALL TAKE PLACE UNTIL SILT BARRIER INSTALLATION AND SEDIMENT PONDS ARE CONSTRUCTED AS SHOWN ON THE CLEARING PHASE EROSION CONTROL PLAN.
- ALL SILT FENCE MUST MEET THE REQUIREMENTS OF SECTION 14-2-1 TEMPORARY SILT FENCE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF GEORGIA, STANDARD SPECIFICATIONS, 1985 EDITION.
- ALL FENCES IN THIS SECTION OF THE SPECIFICATION SHALL MEET THE REQUIREMENTS AS SET FORTH IN SECTION 161, 162, AND 164 OF THE GEORGIA DOT STANDARD SPECIFICATIONS FOR ROADS AND BRIDGES.
- MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.
- ALL DISTURBED AREAS LEFT MILKED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY VEGETATION.
- SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-2" OF STONE AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
- CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- 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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.
- FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

PHASE II - GRADING PHASE:
Erosion Control Notes

- DURING CONSTRUCTION, THE CONTRACTOR SHALL MAINTAIN CAREFUL SCHEDULING AND PERFORMANCE TO ENSURE THAT LAND STRIPPED OF ITS NATURAL GROUND COVER BE EXPOSED ONLY IN SMALL QUANTITIES AND THEREFORE LIMITED DURATIONS, BEFORE PERMANENT EROSION PROTECTION IS ESTABLISHED. NOTE SFD PLANS SHOWN ON PLANS.
- EARTHWORK OPERATIONS IN THE VICINITY OF STREAM BUFFERS SHALL BE CAREFULLY CONTROLLED TO AVOID CLUMPING OR SLOUGHING INTO THE BUFFER AREAS.
- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING PRELIMINARY GRADING PHASE OF CONSTRUCTION.
- SEDIMENT SHALL NOT BE WASHED IN INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN.
- EROSION CONTROL DEVICES SHALL BE INSTALLED IMMEDIATELY AFTER GROUND DISTURBANCE OCCURS. THE LOCATION OF SOME OF THE EROSION CONTROL DEVICES MAY HAVE TO BE ALTERED FROM THAT SHOWN ON THE APPROVED PLAN IF DRAINAGE PATTERNS DURING CONSTRUCTION ARE DIFFERENT FROM THE PROPOSED DRAINAGE PATTERNS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ACCOMPLISH EROSION CONTROL FOR ALL DRAINAGE PATTERNS CREATED AT VARIOUS STAGES DURING CONSTRUCTION. ANY DIFFICULTY IN CONTROLLING EROSION DURING ANY PHASE OF CONSTRUCTION SHALL BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY.
- THE CONTRACTOR SHALL FURNISH AND MAINTAIN ALL NECESSARY BARRIERS AND ROADWAY FRONTAGE IMPROVEMENTS AS SHOWN ON PLANS.
- TYPE "M" SILT FENCE SHALL BE INSTALLED AT THE TOE OF ALL FILL SLOPES 10 FEET OR GREATER IN HEIGHT. THE SILT FENCE SHOULD BE PLACED IN ACCORDANCE WITH THE MANUAL FOR EROSION CONTROL IN GEORGIA, TABLE 4-2.
- THE SILT FENCE SHALL BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED ON THE SLOPE. SILT SHALL BE REMOVED WHEN ACCUMULATION REACHES 1/2 HEIGHT OF THE BARRIER. DIVERSION DIKES SHALL BE CONSTRUCTED ALONG THE TOP OF ALL SLOPES WITH THE USE OF TEMPORARY DOWN DRAINS TO CONTROL STORM WATER RUN OFF AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING BARRIERS AT THE TOE OF SLOPES UNDER CONSTRUCTION. THESE BARRIERS SHALL BE AS SHOWN IN THE PLANS. THESE BARRIERS MAY BE RELOCATED AND RELIED AFTER PERMANENT SLOPE STABILIZATION BECOMES FULLY ESTABLISHED, AS THEY ARE RELOCATED. ANY DEFECTIVE MATERIALS IN THE BARRIER SHALL BE REPLACED. IN ADDITION, ALL DEBRIS AND SILT AT THE PREVIOUS LOCATION SHALL BE REMOVED.
- CUT AND FILL SLOPES ARE NOT TO EXCEED 2:1.
- ALL SLOPES STEEPER THAN 2:1 AND WITH A HEIGHT OF 10 FEET OR GREATER, AND CUTS AND FILLS WITHIN STREAM BUFFERS, SHALL BE STABILIZED WITH APPROPRIATE EROSION CONTROL MATTING OR BLENKETS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
- TYPE "M" SILT FENCE SHALL BE PLACED AT THE TOE OF ALL DIRT STOCK PILE AREAS. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
- INLET SEDIMENT PROTECTION MEASURES SHALL BE INSTALLED ON ALL STORM STRUCTURES AS THEY ARE CONSTRUCTED. SEE PLAN VIEW FOR SPECIFIC TYPE AND SEPARATE DETAILS FOR ADDITIONAL INFORMATION ON TYPE OF INLET PROTECTION SPECIFIED.
- SEDIMENT FROM OUTLET PROTECTION SHALL BE PLACED AT ALL OUTLET HEADWALLS AS SOON AS THE HEADWALLS ARE CONSTRUCTED. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
- STONE CHECK DAMS SHALL BE INSTALLED IN AREAS OF CONCENTRATED FLOWS AS SHOWN ON THE PLAN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION. ALL GRADED AREAS SHALL BE APPROPRIATELY COVERED AS SOON AS FINAL GRADE IS ACHIEVED.
- MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE.
- ALL DISTURBED AREAS LEFT MILKED AFTER 30 DAYS SHALL BE STABILIZED WITH TEMPORARY GRASSING.
- AFTER PERMANENT GRADING ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT TEMPORARY SEDIMENT BASINS AND DIVERSION DIKES AS SHOWN ON PLAN. THE CONTRACTOR SHALL MAINTAIN THE SEDIMENT BASINS UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE BASINS WHEN IT REACHES THE 1/2 VOLUME OF BASIN. SEE SEPARATE DETAILS FOR ADDITIONAL INFORMATION.
- SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE. ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. THE CONSTRUCTION EXIT SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACK FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH 1"-2" OF STONE AS CONDITIONS DEMAND. ALL MATERIALS SPILLED, DROPPED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY. THE CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- 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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.
- FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.

Critical Areas:
Erosion Control Notes

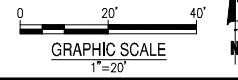
- CRITICAL AREAS SHOWN ON GRADING PHASE EROSION CONTROL PLANS SHALL BE MAINTAINED DAILY. AT THE END OF EACH WORKING DAY ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DYKE AND TEMPORARY DOWN DRAINS ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASES IN HEIGHT. ONCE FINAL STABILIZATION OF THE SITE IS COMPLETE, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BEFORE THE CONTRACTOR PERMANENTLY LEAVES THE SITE.

PHASE III - FINAL STABILIZATION PHASE:
Erosion Control Notes

- THE FOLLOWING EROSION CONTROL MEASURES SHALL BE IMPLEMENTED DURING THE FINAL EROSION CONTROL PHASE OF CONSTRUCTION. SEDIMENT SHALL NOT BE WASHED INTO INLETS. IT SHALL BE REMOVED FROM THE SEDIMENT TRAPS AND DISPOSED OF AND STABILIZED SO THAT IT WILL NOT ENTER THE INLETS AGAIN. MULCH OR TEMPORARY GRASSING SHALL BE APPLIED TO ALL EXPOSED AREAS WITHIN 7 DAYS OF LAND DISTURBANCE. ALL DISTURBED AREAS LEFT MILKED AFTER 30 DAYS SHALL BE STABILIZED WITH PERMANENT GRASSING.
- THE CONTRACTOR SHALL MAINTAIN ALL SEDIMENT BASINS AND EROSION CONTROL MEASURES UNTIL PERMANENT GROUND COVER IS ESTABLISHED. SEDIMENT SHALL BE CLEANED OUT OF THE BASINS WHEN IT BECOMES 1/2 FULL.
- AFTER CURBING, GRADED AGGREGATE BASE AND PAVEMENT HAS BEEN INSTALLED, ALL INLET SEDIMENT TRAPS ON SINGLE AND DOUBLE WING CATCH BASINS ALONG WITH ANY CURB INLETS SHALL BE REMOVED AND REPLACED WITH CURB FILTER INLET PROTECTION. SEE SEPARATE DETAIL FOR ADDITIONAL INFORMATION. ALL ROADWAY AND PARKING SHOULD BE SHOULDERS SHOULD BE APPLIED WITH HERBERTS COVER AS SOON AS FINAL GRADE IS ACHIEVED BEHIND CURBS.
- SEDIMENT AND EROSION CONTROL MEASURES SHOULD BE CHECKED AFTER EACH RAIN EVENT. EACH DEVICE IS TO BE MAINTAINED OR REPLACED IF SEDIMENT ACCUMULATION HAS REACHED ONE-HALF THE CAPACITY OF THE DEVICE.
- ADDITIONAL DEVICES MUST BE INSTALLED IF NEW CHANNELS HAVE DEVELOPED. THE CONSTRUCTION EXIT SHALL BE REMOVED IN A CONDITION WHICH WILL PREVENT TRACK FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLE ONTO PUBLIC ROADWAY OR INTO STORM DRAIN MUST BE REMOVED IMMEDIATELY.
- THE CONTRACTOR SHALL INSPECT CONTROL MEASURES AT THE END OF EACH WORKING DAY TO ENSURE MEASURES ARE FUNCTIONING PROPERLY.
- 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 AS DIRECTED BY THE ON SITE INSPECTOR OR THE CIVIL ENGINEER.
- FAILURE TO INSTALL, OPERATE, OR MAINTAIN ALL EROSION CONTROL MEASURES WILL RESULT IN ALL CONSTRUCTION BEING STOPPED ON THE JOB UNTIL SUCH MEASURES ARE CORRECTED BACK TO THE APPROVED EROSION CONTROL PLANS.
- UPON COMPLETION OF THE PROJECT AND RECEIPT OF CERTIFICATE OF OCCUPANCY, THE CONTRACTOR SHALL REMOVE ALL TEMPORARY EROSION CONTROL MEASURES AND DISPOSE OF THEM UNLESS NOTED ON PLANS.

Critical Areas:
Erosion Control Notes

- CRITICAL AREAS SHOWN ON FINAL PHASE EROSION CONTROL PLANS SHALL BE MAINTAINED DAILY. AT THE END OF EACH WORKING DAY ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DYKE AND TEMPORARY DOWN DRAINS ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASES IN HEIGHT. ONCE FINAL STABILIZATION OF THE SITE IS COMPLETE, ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE REMOVED BEFORE THE CONTRACTOR PERMANENTLY LEAVES THE SITE.



24 HOUR CONTACT
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EROSION, SEDIMENTATION & POLLUTION CONTROL PHASE I, II, III
WILSON STREET TEMPORARY GRAVEL PARKING LOT
217 WILSON STREET
DACULA, GA 30019
GWINNETT COUNTY
CONSULTANT PROJECT #
23-1004



PLAN STATUS		
DATE	DESCRIPTION	
KDW DESIGN	RWH DRAWN	KDW CHKD
SCALE		
JOB No.	23-1004	
DATE :	May 21, 2024	
FILE No.	C4.0	
SHEET No.		

EROSION, SEDIMENTATION AND POLLUTION CONTROL PLAN (ES&PC) NOTES:

- EXISTING LAND USE: WOODED LOT WITH UNDERBRUSH
 - SITE LOCATION: 217 WILSON STREET
GWINNETT COUNTY, DACULA, GEORGIA 30019
 - PROPOSED USE AND DESCRIPTION OF CONSTRUCTION ACTIVITY: TEMPORARY GRAVEL PARKING LOT FOR CITY USE WITH BENCHES AND Picnic TABLES.
 - TOTAL SITE AREA: 0.48 ACRES
 - TOTAL DISTURBED AREA: 0.48 ACRES. STREAM BUFFER: .000 ACRES.
 - OWNER/DEVELOPER: CITY OF DACULA
 - 24 HOUR LOCAL CONTACT FOR EROSION, SEDIMENTATION AND POLLUTION CONTROL: BRITNI NIX
PHONE: (770) 963-7451
 - STATE WATERS ARE NOT LOCATED ON-SITE.
 - THE WETLAND INVENTORY MAP HAS BEEN CONSULTED AND SHOW THAT WETLANDS ARE NOT LOCATED ON THE SITE. HOWEVER THE SITE WAS EXAMINED BY A WETLAND SPECIALIST AND THERE ARE WETLANDS LOCATED ON THE SITE WITHIN THE BUFFERS OF THE STATE WATERS.
 - RECEIVING WATER(S): CITY OF DACULA STORM SYSTEM.
 - SOIL SERIES FOR THE PROJECT SITE INCLUDE: AmC2, PgD2.
 - DESCRIPTION OF THE MEASURES TO BE INSTALLED DURING CONSTRUCTION PROCESS TO CONTROL POLLUTANTS IN STORM WATER THAT WILL OCCUR AFTER CONSTRUCTION OPERATIONS HAVE BEEN COMPLETED: TEMPORARY AND PERMANENT GRASSING OF DISTURBED AREAS BEYOND LIMITS OF GRAVEL PARKING LOT.
- PRODUCT SPECIFIC PRACTICES**
- PETROLEUM BASED PRODUCTS** - CONTAINERS FOR PRODUCTS SUCH AS FUELS, LUBRICANTS, AND TARS WILL BE INSPECTED DAILY FOR LEAKS AND SPILLS. THIS INCLUDES ON-SITE VEHICLES AND MACHINERY DAILY INSPECTIONS AND REGULAR PREVENTATIVE MAINTENANCE OF SUCH EQUIPMENT. EQUIPMENT MAINTENANCE AREAS WILL BE LOCATED AWAY FROM STATE WATERS, NATURAL DRAINS, AND STORM WATER DRAINAGE INLETS. IN ADDITION, TEMPORARY FUELING TANKS SHALL HAVE A SECONDARY CONTAINMENT LINER TO PREVENT/MINIMIZE SITE CONTAMINATION, DISCHARGE OF OILS, FUELS, AND LUBRICANTS IS PROHIBITED. PROPER DISPOSAL METHODS WILL INCLUDE COLLECTION IN A SUITABLE CONTAINER AND DISPOSAL AS REQUIRED BY LOCAL AND STATE REGULATIONS.
- PAINTS/FINISHES/SOLVENTS** - ALL PRODUCTS WILL BE STORED IN TIGHTLY SEALED ORIGINAL CONTAINERS WHEN NOT IN USE. EXCESS PRODUCTS WILL NOT BE DISCHARGED TO THE STORM WATER COLLECTION SYSTEM. EXCESS PRODUCT MATERIALS USED WITH THESE PRODUCTS, AND PRODUCT CONTAINERS WILL BE DISPOSED OF ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
- CONCRETE TRUCK WASHING** - NO CONCRETE TRUCKS WILL BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER ON-SITE.
- FERTILIZER/HERBICIDES** - THESE PRODUCTS WILL BE APPLIED AT RATES THAT DO NOT EXCEED THE MANUFACTURER'S SPECIFICATIONS OR ABOVE THE GUIDELINES SET FORTH IN THE CROP ESTABLISHMENT OR IN THE ES&PC MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA. ANY STORAGE OF THESE MATERIALS WILL BE UNDER ROOF IN SEALED CONTAINERS.
- BUILDING MATERIALS** - NO BUILDING OR CONSTRUCTION MATERIALS WILL BE BURIED OR DISPOSED OF ON-SITE. ALL SUCH MATERIAL WILL BE DISPOSED OF IN PROPER WASTE DISPOSAL PROCEDURES.
- INITIAL PERIMETER BEST MANAGEMENT PRACTICES (BMP'S): Sd1-NS, Sd2-F/P, Du, Ds1, Ds2.
- INTERMEDIATE GRADING AND DRAINAGE BMP'S: Sd1-NS, Sd2-F/P, Du, Ds1, Ds2.
- FINAL BMP'S: Ds1, Sd2-F.
- THIS SITE DOES NOT LIE WITHIN A 100 YEAR FLOOD HAZARD AREA PER FIRM MAP 13135C0082F, DATED 9/29/2006.
- CRITICAL AREAS LOCATED ON-SITE ARE IDENTIFIED AS: Ss. AT THE END OF EACH WORK DAY ALL SLOPES 2:1 OR STEEPER AND HIGHER THAN 5 FEET SHALL RECEIVE SURFACE ROUGHENING, POLYMERS, AND EROSION CONTROL MATTING. ADDITIONALLY, ALL FILL SLOPES SHALL RECEIVE A DIVERSION DIKE AND TEMPORARY DOWN DRAINS ALONG THE TOP OF THE SLOPE PREVENTING DRAINAGE SPILLING OVER THE EDGE AND DOWN THE FACE OF THE SLOPE. THE TEMPORARY DOWN DRAINS SHALL BE CONSTRUCTED WITH PERFORATED STAND PIPES AT THE TOP OF THE SLOPE AND RECONSTRUCTED EACH DAY AS THE SLOPE INCREASED IN HEIGHT.
- "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."
- "ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING."
- "STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. BUT IN NO CASE MORE THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY CEASED, WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVERS OR OTHER ADVERSE WEATHER CONDITIONS, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASE, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THE STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY HAS TEMPORARILY CEASED."
- "TEMPORARY SEDIMENT BASIN, RETROFITTED DETENTION POND, AND/OR EXCAVATED INLET SEDIMENT TRAPS FOR EACH COMMON DRAINAGE LOCATION PROVIDING A MINIMUM 67 CUBIC YARDS OF SEDIMENT STORAGE PER ACRE DRAINED MUST BE IN PLACE PRIOR TO AND DURING ALL LAND DISTURBING ACTIVITIES UNTIL FINAL STABILIZATION OF THE SITE HAS BEEN ACHIEVED."
- "SEDIMENT STORAGE MAINTENANCE INDICATORS MUST BE INSTALLED IN SEDIMENT STORAGE STRUCTURES, INDICATING THE 10% FILL VOLUME."
- "CONTRACTOR TO CLEAN OUT ACCUMULATED SILT IN DETENTION POND AT THE END OF CONSTRUCTION ACTIVITIES WHEN THE DISTURBED AREAS HAVE BEEN STABILIZED."
- "CONTRACTOR TO PROVIDE DETENTION POND AS-BUILTS AND RECORD DRAWINGS THAT SHALL INCLUDE TOPO OF POND TO CALCULATE POND VOLUMES AND OUTLET CONTROL STRUCTURE DETAILS AND INFORMATION TO COMPLETE AN AS-BUILT HYDROLOGY STUDY TO VERIFY THAT THE DETENTION POND WILL FUNCTION AS IT WAS DESIGNED."
- "MAINTENANCE OF ALL SOIL, EROSION AND SEDIMENTATION CONTROL MEASURES AND PRACTICES, WHETHER TEMPORARY OR PERMANENT, SHALL BE AT ALL TIMES THE RESPONSIBILITY OF THE PROPERTY OWNER."
- "ADDITIONAL SOIL EROSION CONTROL MEASURES WILL BE ADDED IF DETERMINED TO BE NEEDED BY ON-SITE INSPECTIONS."
- "STANDARDS AND SPECIFICATIONS: ALL DESIGN SHALL CONFORM TO AND ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE PUBLICATION ENTITLED "MANUAL FOR EROSION AND SEDIMENT CONTROL" BY THE GA. SOIL & WATER CONSERVATION COMMISSION."
- "NON-EXEMPT ACTIVITIES SHALL NOT BE CONDUCTED WITHIN THE 25 OR 50-FOOT UNDISTURBED STREAM BUFFERS AS MEASURED FROM THE POINT OF WRESTED VEGETATION OR WITHIN 25-FEET OF THE COASTAL MARSHLAND BUFFER AS MEASURED FROM THE JURISDICTIONAL DETERMINATION LINE WITHOUT FIRST ACQUIRING THE NECESSARY VARIANCES AND PERMITS."
- "CONCENTRATED FLOW AREAS AND ALL SLOPES STEEPER THAN 2.5:1 WITH A HEIGHT OF TEN FEET OR GREATER SHALL BE STABILIZED WITH THE APPROPRIATE EROSION CONTROL MATTING OR BLANKET."
- "ALL CUT AND FILL SLOPES MUST BE SURFACED ROUGHENED AND VEGETATED WITHIN SEVEN (7) DAYS OF THEIR CONSTRUCTION. CUT AND FILL OPERATIONS SHALL BE KEPT TO A MINIMUM."
- "ADEQUATE PROVISIONS SHALL BE PROVIDED TO MINIMIZE DAMAGE FROM SURFACE WATER TO THE CUT FACE OF EXCAVATIONS OR THE SLOPING SURFACES OF FILLS."
- "GRADING OPERATIONS SHALL NOT ENDANGER ADJOINING PROPERTIES."
- "STRIPPING OF VEGETATION, REGRADING, AND OTHER DEVELOPMENT ACTIVITIES SHALL BE CONDUCTED IN SUCH A MANNER SO AS TO MINIMIZE EROSION."
- "FILLS SHALL NOT ENCRoACH UPON NATURAL COURSES OR CONSTRUCTED CHANNELS IN A MANNER SO AS TO ADVERSELY AFFECT OTHER PROPERTY OWNERS."
- "ALL FILL SLOPES SHALL HAVE SILT FENCE PLACED AT THE SLOPE'S TOE."
- "CONTRACTOR SHALL REMOVE ALL SILT FENCE AND ALL OTHER TEMPORARY EROSION SEDIMENTATION AND POLLUTION CONTROL MEASURES ONCE SITE IS FINAL STABILIZED AND AFTER ALL GRASSING REQUIREMENTS HAVE BEEN COMPLETED BY THE CONTRACTOR TO THE OWNER'S AND CODE SATISFACTION AND BEFORE THE CONTRACTOR LEAVES THE SITE."
- "ALL WASTE DISPOSAL SHALL BE HAILED OFF TO A STATE AUTHORIZED LANDFILL. NO WASTE DEBRIS MATERIAL WILL BE BURIED ON-SITE WITHOUT COUNTY/STATE PERMIT. SOLID MATERIALS, INCLUDING BUILDING MATERIALS, SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT FROM THE U.S. ARMY CORPS OF ENGINEERS (NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM)"
- "CONTRACTOR SHALL MAINTAIN CONSTRUCTION EXITS TO PREVENT TRACKING OF MUD INTO PUBLIC RIGHT-OF-WAY."
- "OFF-SITE VEHICLE TRACKING OF DIRT, SOILS, AND SEDIMENTS AND THE GENERATION OF DUST SHALL BE MINIMIZED OR ELIMINATED TO THE MAXIMUM EXTENT PRACTICAL. CONTRACTOR SHALL USE PMPOLYACRYLAMIDE (PAM) FOR DUST CONTROL, ETC. AT CONSTRUCTION EXITS, VEHICLE WASHING AREAS AND ANY OTHER AREAS WHERE SEDIMENT CAN BE CAPTURED."
- "CONTRACTOR TO FURNISH AND INSTALL APS 600 SERIES 'SILT STOP' AS MANUFACTURED BY APPLIED POLYMER SYSTEMS, NORCROSS GA. OR EQUAL AT A RATE OF 1.5 GALLONS/ACRE IN A HYDROSEDER MIX OF APPROPRIATE SEED, FERTILIZER, LIME AND MULCH FOR THE SAME ACRE ON ALL DISTURBED OR EXPOSED SOIL SURFACES. FOLLOW ALL MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. DO NOT MECHANICALLY DISTURB TREATED AREAS AFTER APPLICATION."
- "CONTRACTOR SHALL INSPECT ALL VEHICLES AND PETROLEUM STORAGE CONTAINERS REGULARLY, MAKING REPAIRS TO MINIMIZE ALL PETROLEUM SPILLS AND LEAKS AND SHALL KEEP ON HAND DRY,

- POROUS PETROLEUM ABSORBENT MATERIALS SUCH AS VERMICULITE, SAND AND LEAN SOIL, AND SHALL CLEAN UP ALL SPILL SPILLS AND DISPOSE OF SAID MATERIALS IN ACCORDANCE WITH ALL STATE AND FEDERAL REGULATIONS."
- "NO CONSTRUCTION ACTIVITIES SHALL BE CONDUCTED WITHIN A STREAM BUFFER AND THE STREAM BUFFER SHALL REMAIN IN ITS NATURAL UNDISTURBED STATE OF VEGETATION UNTIL ALL LAND-DISTURBING ACTIVITIES ON THE CONSTRUCTION SITE ARE COMPLETED."
- THE DESIGN PROFESSIONAL WHO PREPARED THE ES&PC PLAN IS TO INSPECT THE INSTALLATION OF THE INITIAL SEDIMENT STORAGE REQUIREMENTS AND PERIMETER CONTROLS BMP'S WITHIN 7 DAYS AFTER INSTALLATION. PROOF OF SITE VISIT SHALL BE KEPT ON-SITE.
- "NON-STORM WATER DISCHARGES SUCH AS FIRE HYDRANT FLUSHING, POTABLE WATER SOURCES INCLUDING WATER LINE FLUSHING, IRRIGATION DRAINAGE, AIR CONDITIONING CONDENSATE, SPRINGS, UNCONTAMINATED GROUNDWATER, AND FOUNDATION OR FOOTING DRAINS ARE TO BE TREATED IN THE SAME MANNER AS STORM WATER DISCHARGES."
- "A 25 FOOT BUFFER ADJACENT TO ALL STREAMS, CREEKS, LAKES, PONDS, ETC. IS REQUIRED TO BE MAINTAINED BY THE SOIL EROSION CONTROL AND SEDIMENT CONTROL ORDINANCE (ARTICLE 4 SECTION 4.3 PARAGRAPH 15). AN EXEMPTION IS GRANTED TO HOMEOWNERS WHO PERFORM MINOR LANDSCAPING ACTIVITIES SUCH AS HOME LANDSCAPING, HOME GARDENS, REPAIRS AND MAINTENANCE WORK. (ARTICLE 3 SECTION 3.1 PARAGRAPH 3)."
- "CONTRACTOR SHALL ACQUIRE A COPY OF "FIELD MANUAL FOR EROSION AND SEDIMENT CONTROL IN GEORGIA, VEGETATION AND STRUCTURAL BEST MANAGEMENT PRACTICES (BMP'S) FOR LAND DISTURBING ACTIVITIES, AS PUBLISHED BY THE GEORGIA SOIL AND WATER CONSERVATION COMMISSION, LATEST EDITION."
- "AMENDMENTS/REVISIONS TO THE ES&PC PLAN WHICH HAVE A SIGNIFICANT EFFECT ON BMP'S WITH A HYDRAULIC COMPONENT MUST BE CERTIFIED BY THE DESIGN PROFESSIONAL."
- CONTRACTOR TO PROVIDE BMP'S FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF THE VEHICLES, WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.
- "WASTE MATERIALS SHALL NOT BE DISCHARGED TO WATERS OF THE STATE, EXCEPT AS AUTHORIZED BY A SECTION 404 PERMIT."
- APPROVED PLANS MUST BE ON SITE AT ALL TIMES.
- PETROLEUM STORAGE SHALL BE DONE IN ACCORDANCE WITH ONE OF THE FOLLOWING METHODS TO PREVENT STORM WATER DISCHARGES ON THE SITE.
 - ALL PETROLEUM STORAGE CONTAINERS SHALL BE COVERED WITH PLASTIC SHEETING OR BE LOCATED UNDER A TEMPORARY ROOF.
 - ALL PETROLEUM STORAGE CONTAINERS SHALL BE LOCATED IN A SECONDARY CONTAINMENT AREA.

SITE VISIT CERTIFICATION:
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."

[Signature]
KEVIN D. WHIGHAM, P.E. - GSWCC LEVEL II CERTIFICATION # 945 EXP: 9-27-2026 5/21/2024
DATE

WETLANDS CERTIFICATION:
THE DESIGN PROFESSIONAL, WHOSE SEAL APPEARS HEREON, CERTIFIES THE FOLLOWING: 1) THE NATIONAL WETLAND INVENTORY MAPS HAVE BEEN CONSULTED, AND, 2) THE APPROPRIATE PLAN SHEET () DOES / (X) DOES NOT INDICATE AREAS OF UNITED STATES ARMY CORPS OF ENGINEERS JURISDICTIONAL WETLANDS AS SHOWN ON THE MAPS AND, 3) IF WETLANDS ARE INDICATED, THE LAND OWNER OR DEVELOPER HAS BEEN ADVISED THAT LAND DISTURBANCE OF PROTECTED WETLANDS SHALL NOT OCCUR UNLESS THE APPROPRIATE FEDERAL WETLANDS ALTERATION ("SECTION 404") PERMIT HAS BEEN OBTAINED.

[Signature]
REGISTERED PROFESSIONAL: KEVIN D. WHIGHAM, P.E. 5/21/2024
DATE



24 HOUR CONTACT
CITY OF DACULA
BRITNI NIX
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EROSION, SEDIMENTATION & POLLUTION CONTROL NOTES
WILSON STREET TEMPORARY GRAVEL PARKING LOT
217 WILSON STREET
DACULA, GA 30019
GWINNETT COUNTY

CONSULTANT PROJECT #
23-1004



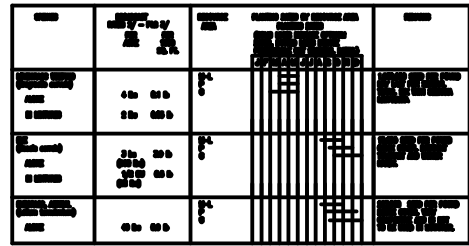
LEVEL II E&S CERT.#945
EXP. DATE 09-27-26

PLAN STATUS		
DATE	DESCRIPTION	
KDW	RWH	KDW
DESIGN	DRAWN	CHKD
SCALE		
JOB No.	23-1004	
DATE :	May 21, 2024	
FILE No.		
SHEET No.		C4.1

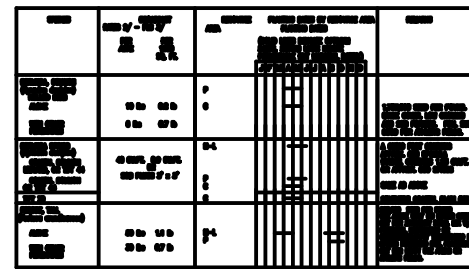
MULCHING APPLICATION REQUIREMENTS

MATERIAL	RATE	DEPTH
STRAW OR HAY	2 1/2 TON/ACRE	2" TO 4"
WOOD WASTE, CHIPS, SAWDUST, BARK	6 TO 9 TON/ACRE	2" TO 3"
POLYETHYLENE FILM	SECURE WITH SOIL, ANCHORS, WEIGHTS	--
CUTBACK ASPHALT	SEE MANUFACTURER'S RECOMMENDATIONS	--
GEOTEXTILES, JUTE MATTING, NETTING, ETC.	SEE MANUFACTURER'S RECOMMENDATIONS	--

Ds1 DISTURBED AREA STABILIZATION (WITH MULCHING ONLY)
N.T.S.



Ds2 PLANTS, PLANTING RATES, AND PLANTING DATES FOR TEMPORARY COVER
CROPS PER GREEN BOOK TABLE 6-4.1



Ds3 PLANTS, PLANTING RATES, AND PLANTING DATES FOR PERMANENT COVER PER GREEN BOOK TABLE 6-5.2

LIME AND FERTILIZER - RATES AND ANALYSIS
A. WHERE PERMANENT VEGETATION IS TO BE ESTABLISHED, AGRICULTURAL LIME SHALL BE APPLIED AS INDICATED BY SOIL TEST OR AT THE RATE OF 1 TO 2 TONS PER ACRE, AGRICULTURAL LIME SHALL BE WITHIN THE SPECIFICATIONS OF THE GEORGIA DEPARTMENT OF AGRICULTURE. LIME SPREAD BY CONVENTIONAL EQUIPMENT CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 90 PERCENT OF THE MATERIAL WILL PASS THROUGH A 10-MESH SIEVE, NOT LESS THAN 25 PERCENT WILL PASS THROUGH A 100-MESH SIEVE. AGRICULTURAL LIME SPREAD BY HYDRAULIC SEEDING EQUIPMENT LIMESTONE, FINELY GROUND LIMESTONE IS CALCITIC OR DOLOMITIC LIMESTONE GROUND SO THAT 98 PERCENT OF THE MATERIAL WILL PASS THROUGH A 20-MESH SIEVE AND NOT LESS THAN 70 PERCENT WILL PASS THROUGH 100-MESH SIEVE. IT IS DESIRABLE TO USE DOLOMITIC LIMESTONE IN THE SAND HILLS, SOUTHERN COASTAL PLAIN AND ATLANTIC COAST FLATWOOD AREAS.

B. NO AGRICULTURAL LIME IS REQUIRED WHERE ONLY TEMPORARY SEEDING IS TO BE DONE OR WHERE ONLY TREES ARE PLANTED.

C. INITIAL FERTILIZATION REQUIREMENTS FOR EACH SPECIES OR COMBINATION OF SPECIES ARE LISTED IN TABLE 6-25.1, P. 6-144. APPLY FERTILIZER: 5-10-15 @ 1500LBS/ACRE. (TYPICAL)

LIME FERTILIZER - APPLICATION
A. WHEN HYDRAULIC SEEDING EQUIPMENT IS USED:

1. THE INITIAL FERTILIZER WILL BE MIXED WITH SEED, INOCULANT (IF NEEDED) AND WOOD CELLULOSE OR WOOD PULP FIBER MULCH AND APPLIED IN A SLURRY. THE SLURRY MIXTURE WILL BE AGITATED DURING APPLICATION TO KEEP THE INGREDIENTS THOROUGHLY MIXED. THE MIXTURE WILL BE SPREAD UNIFORMLY OVER THE AREA WITHIN ONE HOUR AFTER BEING PLACED IN THE HYDROSEEDER.

2. FINELY GROUND LIMESTONE WILL BE MIXED WITH WATER AND APPLIED IMMEDIATELY AFTER MULCHING IS COMPLETED OR IN COMBINATION WITH THE TOP DRESSING.

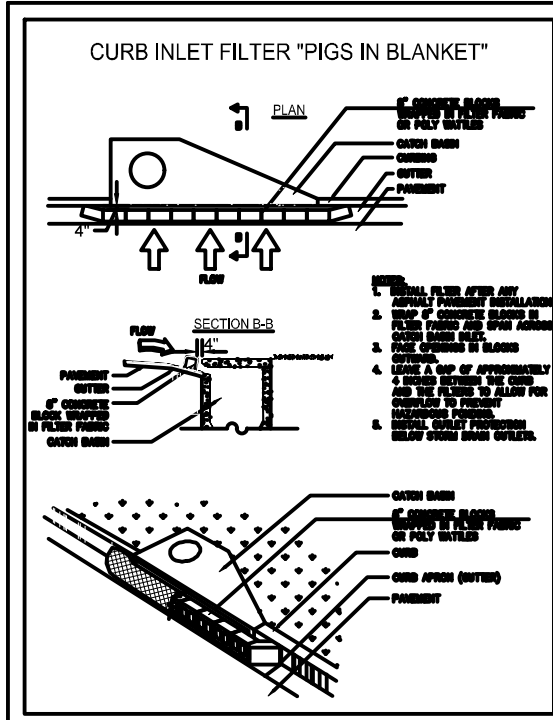
B. WHEN CONVENTIONAL PLANTING IS TO BE DONE, LIME AND FERTILIZER WILL BE APPLIED UNIFORMLY IN ONE OF THE FOLLOWING WAYS:

1. APPLY BEFORE LAND PREPARATION SO THAT IT WILL BE MIXED THE SOIL DURING SEEDBED PREPARATION. OR

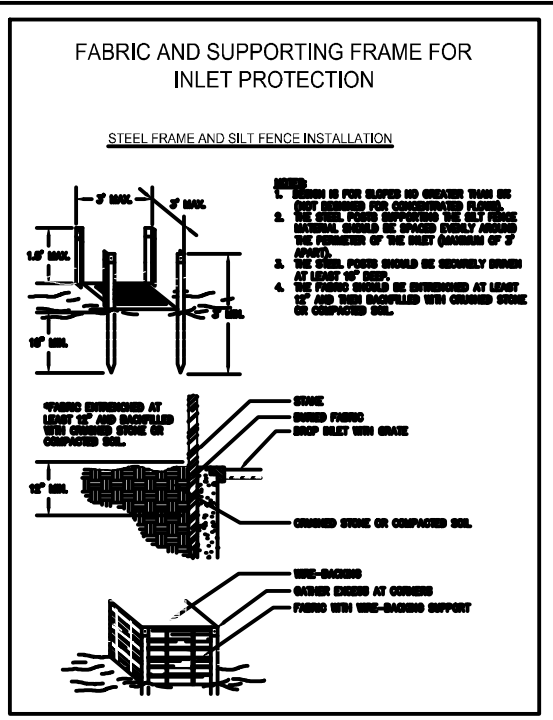
2. MIX WITH THE SOIL USED TO FILL THE HOLES, DISTRIBUTE IN FURROWS, OR

3. BROADCAST AFTER STEEP SURFACES ARE SCARIFIED, PITTED OR TRENCHED.

4. 'JA' FERTILIZER PELLETS WILL BE PLACED AT ROOT DEPTH BESIDE EACH PINE TREE SEEDLING.



Sd2-P TEMP INLET SEDIMENT TRAP
N.T.S.



Sd2-F TEMP INLET SEDIMENT TRAP
N.T.S.

ETRS-1 SINGLE SIDED STRAW BLANKET

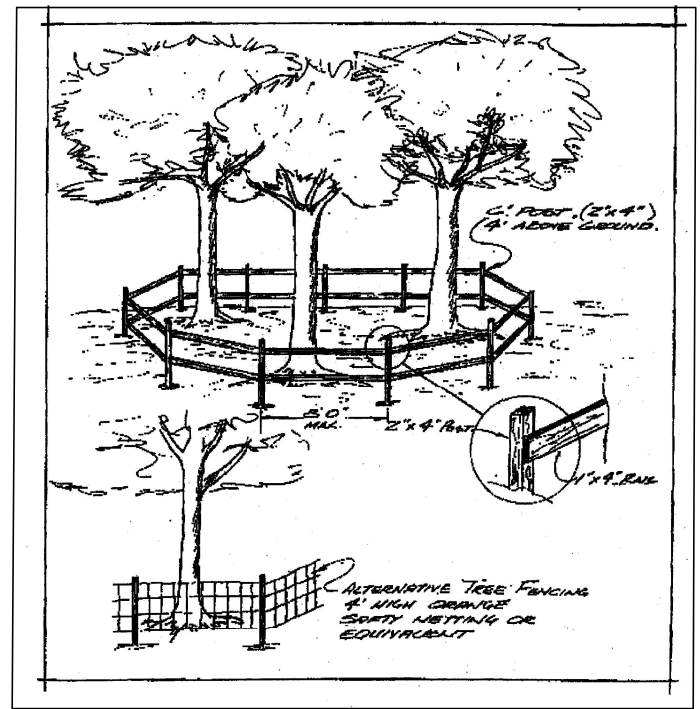
Description: ETRS-1 is a single sided erosion control blanket. It is manufactured from 100% Agricultural Wheat Straw mechanically bonded (stitched) onto one layer of medium-weight synthetic poly-propylene netting.

Specifications		
Roll Dimensions	8' wide	112.5' Long
Netting	3/8"x3/8"	photodegradable synthetic medium weight
Stitching	2" Centers	
Fiber Density	50lb/syd	
Product Code		MT-4

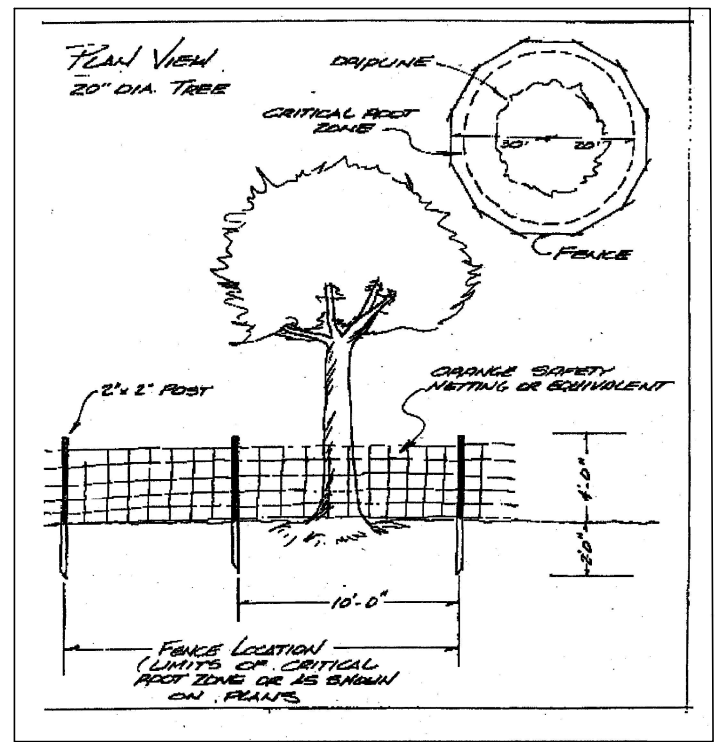
VERIFIED VALUES		
DESCRIPTION	TEST METHOD	RESULT
TENSILE STRENGTH(lbin)	ASTM 6818	MD 9lb/in TD 3.3lb/in
GROUND COVER/LIGHT PENETRATION	ASTM D6567	80.6% / 19.4%
MASS	ASTM D6475	9.24 oz/syd
THICKNESS	ASTM 5525	382 mils
WATER ABSORPTION	ASTM D1117	432%

Netting Properties	
Medium Weight Green Netting	
3/8"x3/8" Mesh Size (Nominal)	
1.5+/-0.2PMSF Weight	
MD=14.6+/-4lb/5strands/3"	
TD=14.6+/-4lb/5strands/3"	

For more information, contact:
105 Plant Camella Road, Juliette, GA 31046, 478.994.6009
314-C Industrial Park Drive, Waynesville, NC 28786, Phone: 828.452.8900
www.erosiontechusa.com



TP ACTIVE TREE PROTECTION FENCING
N.T.S.



EROSION CONTROL CONSTRUCTION SCHEDULE

ACTIVITY	SET	UP	UP
CONSTRUCTION			
INSTALLATION OF SILT FENCE & CONSTRUCTION EROSION CONTROL			
EROSION CONTROL			
TEMPORARY GRASSING			
PERMANENT VEGETATION			
CONSTRUCTION OF EROSION CONTROL MEASURES			
END OF CONSTRUCTION			

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EROSION, SEDIMENTATION & POLLUTION CONTROL DETAILS
WILSON STREET TEMPORARY GRAVEL PARKING LOT
217 WILSON STREET
Dacula, GA 30019

CITY OF DACULA, GA
GWINNETT COUNTY

CONSULTANT PROJECT #
23-1004



LEVEL II EAS CERT.#945
EXP. DATE 09-27-28

PLAN STATUS

DATE	DESCRIPTION
KDW	RWH
DESIGN	DRAWN
KDW	CHKD

SCALE

JOB No. 23-1004

DATE: May 21, 2024

FILE No.

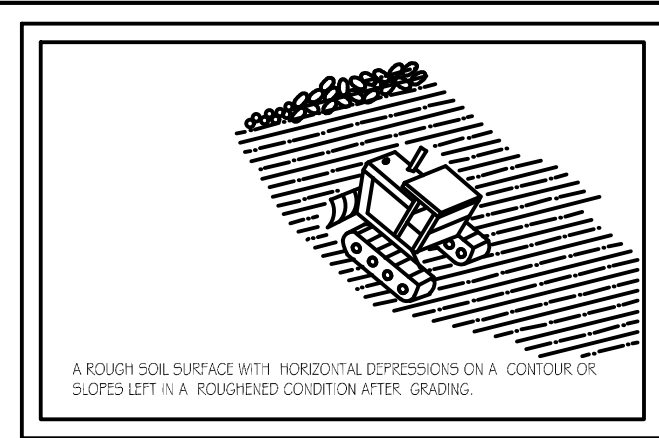
SHEET No. C4.2

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ACTIVE TREE PROTECTIVE FENCING

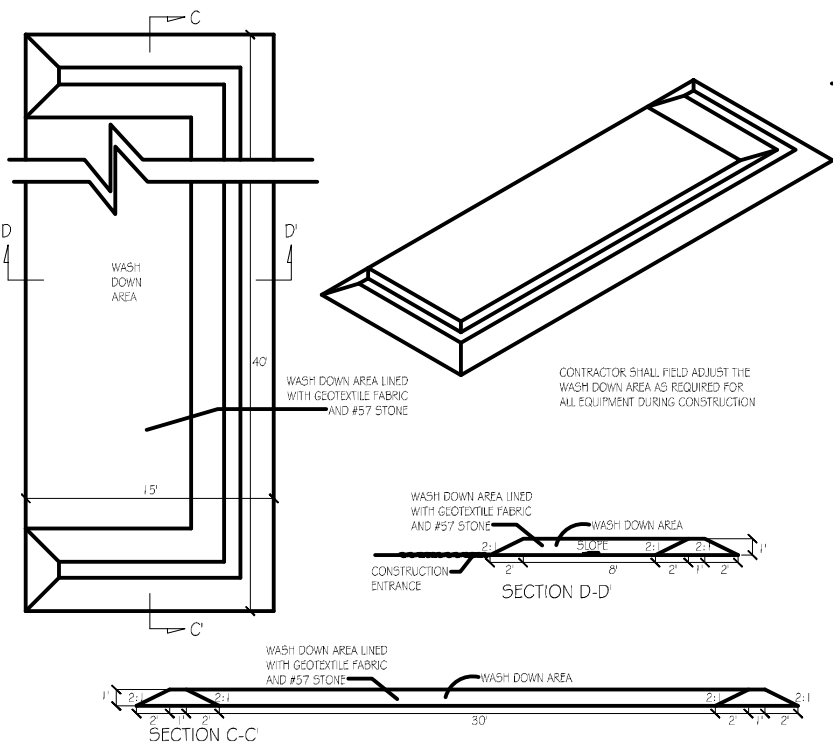


May 21, 2024



A ROUGH SOIL SURFACE WITH HORIZONTAL DEPRESSIONS ON A CONTOUR OR SLOPES LEFT IN A ROUGHENED CONDITION AFTER GRADING.

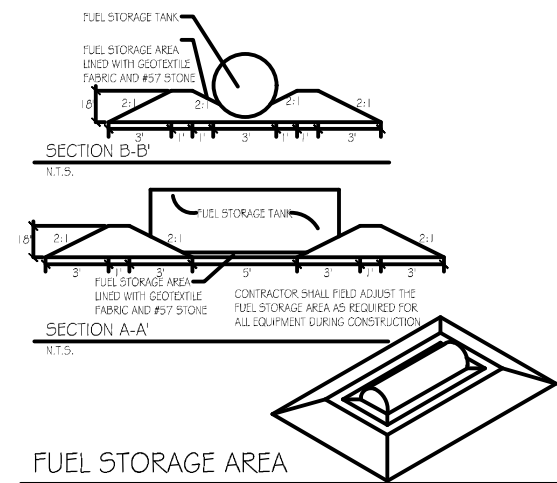
5u SURFACE ROUGHENING



CONTRACTOR SHALL FIELD ADJUST THE WASH DOWN AREA AS REQUIRED FOR ALL EQUIPMENT DURING CONSTRUCTION.

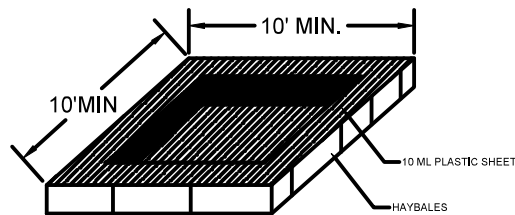
WASH DOWN AREA

N.T.S.



FUEL STORAGE AREA

N.T.S.



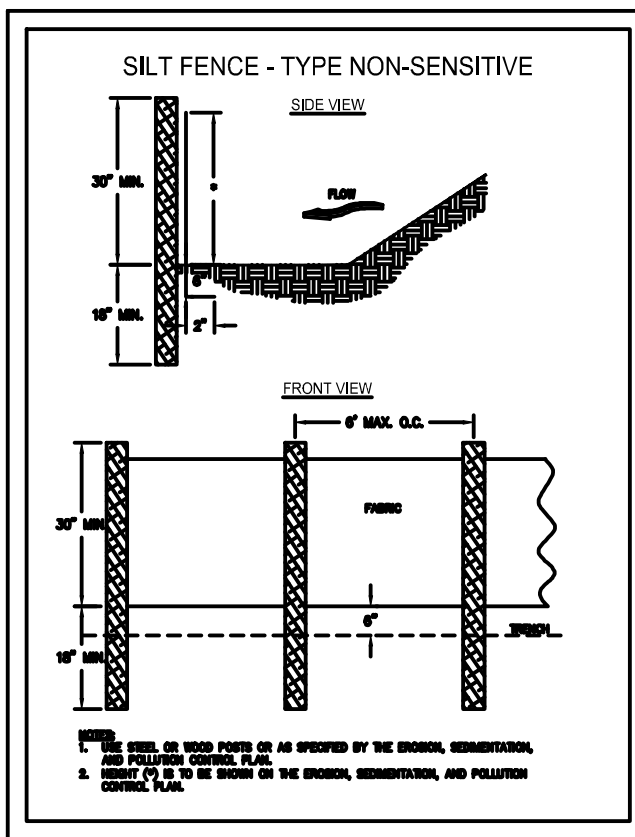
OPERATION

INSPECTION: CHECK ALL CONCRETE WASH-DOWN FACILITIES DAILY TO DETERMINE IF THEY HAVE BEEN FILLED TO 75% CAPACITY. THE FACILITY NEEDS TO BE CLEANED OR CHANGED WHEN 75% FULL. INSPECT WASHOUTS DAILY TO ENSURE THAT PLASTIC LININGS ARE INTACT AND SIDEWALLS HAVE NOT BEEN DAMAGED BY CONSTRUCTION ACTIVITIES.
MATERIAL REMOVAL: IF THE WASHDOWN IS NEARING CAPACITY, VACUUM AND DISPOSE OF THE WASTE MATERIAL IN AN APPROVED MANNER. DO NOT DISCHARGE LIQUIDS TO WATERWAYS, STORM DRAINS OR DIRECTLY ONTO GROUND. DO NOT USE SANITARY SEWER WITHOUT LOCAL APPROVAL. REMOVE LIQUIDS OR COVER THE STRUCTURES BEFORE PREDICTED STORMS TO PREVENT OVERFLOWS. YOU CAN REMOVE HARDENED CONCRETE WHOLE OR YOU CAN BREAK IT UP FIRST, DEPENDING ON THE TYPE OF EQUIPMENT AVAILABLE AT YOUR SITE. Haul it away for disposal or recycling. WHEN YOU REMOVE MATERIALS FROM THE CONCRETE WASH-DOWN, INSPECT FOR SIGNS OF WEAKENING OR DAMAGE, AND REBUILD STRUCTURE OR MAKE NECESSARY REPAIRS. INSTALL A NEW PLASTIC LINER AFTER EVERY CLEANING.

CONCRETE WASHDOWN AREA DETAIL

N.T.S.

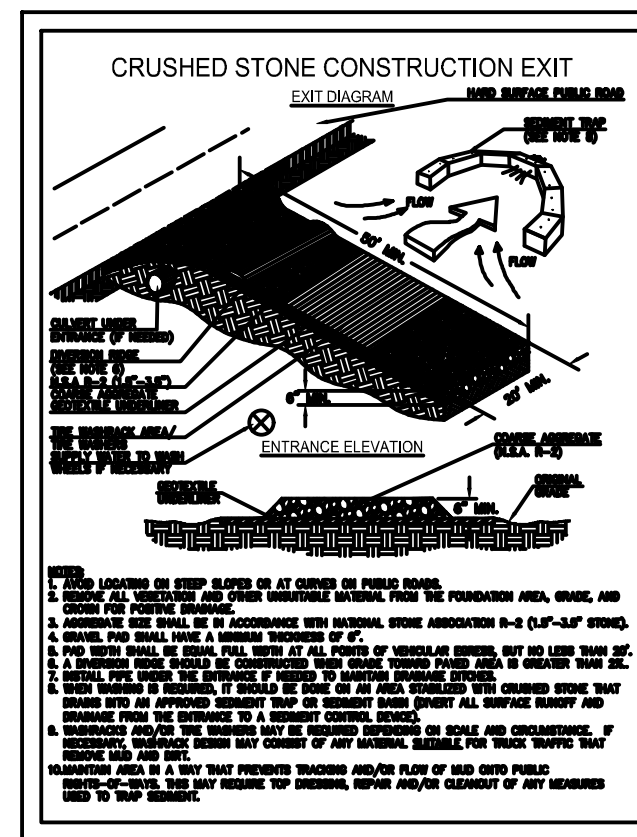
CONTRACTOR TO PROVIDE BMP'S FOR CONCRETE WASHDOWN OF TOOLS, CONCRETE MIXER CHUTES, HOPPERS AND THE REAR OF THE VEHICLES. WASHOUT OF THE DRUM AT THE CONSTRUCTION SITE IS PROHIBITED.



SILT FENCE - TYPE NON-SENSITIVE

NOTES:
1. USE STEEL OR WOOD POSTS OR AS SPECIFIED BY THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.
2. SPACING (O.C.) IS TO BE SHOWN ON THE EROSION, SEDIMENTATION, AND POLLUTION CONTROL PLAN.

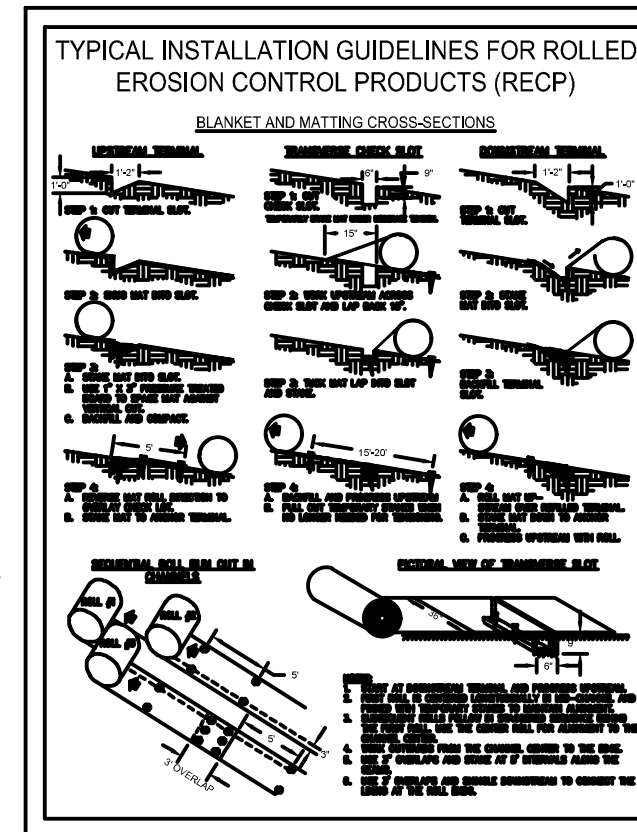
5d1-N5 SILT FENCE TYPE NON-SENSITIVE



CRUSHED STONE CONSTRUCTION EXIT

NOTES:
1. LOCATED ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VERTICAL BENDING, BUT NO LESS THAN 20'.
6. A DRAINAGE RIDGE SHOULD BE CONSTRUCTED WITH GRADE TOWARD PAD AREA IS GREATER THAN 2%.
7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
8. WHEN CONSTRUCTION IS RESUMED, IT SHOULD BE DONE ON AN AREA COVERED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR CONTROL BASIN. CONSIDER ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE.
9. WASHRACKS AND/OR WASHERS MAY BE REQUIRED DEPENDING ON SCALE AND CIRCUMSTANCE. IF NECESSARY, WASHRACK DESIGN MAY CONSIST OF ANY MATERIAL, SUITABLE FOR TRUCK TRAFFIC THAT REMOVE MUD AND SOIL.
10. MAINTAIN AREA IN A WAY THAT PREVENTS TRACKING AND/OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.

Co CONSTRUCTION EXIT



TYPICAL INSTALLATION GUIDELINES FOR ROLLED EROSION CONTROL PRODUCTS (RECP)

BLANKET AND MATTING CROSS-SECTIONS

TRANSVERSE SLOPE:
1. UNROLL TRANSMVERSE MATTING.
2. STRETCH MATTING TO FULL WIDTH.
3. TRIM EXCESS MATTING.
4. STAPLE MATTING TO UNDERLAYER.
5. STAPLE MATTING TO UNDERLAYER.
6. STAPLE MATTING TO UNDERLAYER.

LONGITUDINAL SLOPE:
1. UNROLL TRANSMVERSE MATTING.
2. STRETCH MATTING TO FULL WIDTH.
3. TRIM EXCESS MATTING.
4. STAPLE MATTING TO UNDERLAYER.
5. STAPLE MATTING TO UNDERLAYER.
6. STAPLE MATTING TO UNDERLAYER.

CENTRAL VIEW OF TRANSVERSE SLOT:
1. UNROLL TRANSMVERSE MATTING.
2. STRETCH MATTING TO FULL WIDTH.
3. TRIM EXCESS MATTING.
4. STAPLE MATTING TO UNDERLAYER.
5. STAPLE MATTING TO UNDERLAYER.
6. STAPLE MATTING TO UNDERLAYER.

CENTRAL VIEW OF LONGITUDINAL SLOT:
1. UNROLL TRANSMVERSE MATTING.
2. STRETCH MATTING TO FULL WIDTH.
3. TRIM EXCESS MATTING.
4. STAPLE MATTING TO UNDERLAYER.
5. STAPLE MATTING TO UNDERLAYER.
6. STAPLE MATTING TO UNDERLAYER.

55 SLOPE STABILIZATION

SPILL CLEANUP AND CONTROL PRACTICES
LOCAL, STATE, AND MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
SPILL PREVENTION PRACTICES AND PROCEDURES WILL BE REVIEWED AFTER A SPILL AND ADJUSTED AS NECESSARY TO PREVENT FUTURE SPILLS.
ALL SPILLS WILL BE CLEANED UP IMMEDIATELY UPON DISCOVERY. ALL SPILLS WILL BE REPORTED AS REQUIRED BY LOCAL, STATE AND FEDERAL REGULATIONS.
FOR SPILLS THAT IMPACT SURFACE WATER (LEAVE A SHEEN ON SURFACE WATER), THE NATIONAL RESPONSE CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
FOR SPILLS OF AN UNKNOWN AMOUNT, THE NATIONAL CENTER (NRC) WILL BE CONTACTED WITHIN 24 HOURS AT 1-800-426-2675.
FOR SPILLS GREATER THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE GEORGIA EPD WILL BE CONTACTED WITHIN 24 HOURS.
FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

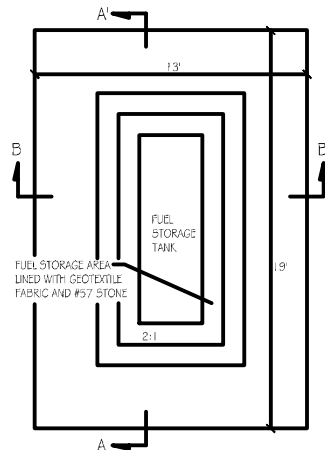
THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

EMERGENCY PROCEDURES FOR SPILL OF REPORTABLE QUANTITY OF PETROLEUM PRODUCTS:
ALL PETROLEUM PRODUCTS SHALL BE STORED AND USED IN AN AREA THAT PROVIDES A SECONDARY CONTAINMENT FEATURE. SECONDARY CONTAINMENT STRUCTURE SHALL CONSIST OF FLOOR, WALLS, AND JOINTS AND BE CONSTRUCTED ON A MATERIAL CAPABLE OF ADEQUATELY CONTAINING THOSE TUBS STORED WITHIN CAPACITY OF THE SECONDARY CONTAINMENT SHALL BE SHALL HAVE A STORAGE VOLUME THAT IS A MINIMUM OF 110% OF THE TOTAL VOLUME CAPACITY OF THE LARGEST PRIMARY CONTAINER STORED WITHIN. RAIN WATER SHALL NOT BE ALLOWED TO COLLECT WITHIN THE SECONDARY CONTAINER AND ADEQUATE COVER SHALL BE PROVIDED TO PREVENT THE INGRESS OF RAIN WATER.

EMERGENCY PROCEDURES FOR SPILLS SHALL BE KEPT IN THE CONSTRUCTION TRAILER INCLUDING EMERGENCY CONTACT NUMBERS. ANY LEAKS OR SPILLS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CONTAIN, CONTROL, AND REMEDIATE WITH ALL LOCAL, STATE, AND FEDERAL GUIDELINES, ORDINANCES, AND LAWS.

THE CONTRACTOR SHALL LOCATE STORAGE FACILITIES IN AREAS WITH THE LEAST FORESEEABLE IMPACT IF A CATASTROPHIC EVENT SHOULD OCCUR.

PAINT/CHEMICAL STORAGE, CLEANUP AND DISPOSAL:
PAINT AND/OR OTHER CHEMICALS SHALL BE STORED IN SECURED FACILITIES WITH RESTRICTED ACCESS TO EMPLOYEES ONLY. CLEANUP AND DISPOSAL OF THIS MATERIAL SHALL BE ACCORDANCE WITH ALL RECOGNIZED LOCAL AND FEDERAL REQUIREMENTS. ALL DISPOSAL SHALL BE APPROVED OFF-SITE WASTE FACILITIES THAT ACCEPT THIS MATERIAL.



FUEL STORAGE AREA LINED WITH GEOTEXTILE FABRIC AND #57 STONE.

N.T.S.

SPILL CLEANUP AND CONTROL PRACTICES
LOCAL, STATE, AND MANUFACTURERS RECOMMENDED METHODS FOR SPILL CLEANUP WILL BE CLEARLY POSTED AND PROCEDURES WILL BE MADE AVAILABLE TO SITE PERSONNEL.
MATERIAL AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREAS. TYPICAL MATERIALS AND EQUIPMENT INCLUDES, BUT IS NOT LIMITED TO, BROOMS, DUSTPANS, MOPS, RAGS, GLOVES, GOGGLES, CAT LITER, SAND, SAWDUST AND PROPERLY LABELED PLASTIC AND METAL WASTE CONTAINERS.
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FOR SPILLS LESS THAN 25 GALLONS AND NO SURFACE WATER IMPACTS, THE SPILL WILL BE CLEANED UP AND LOCAL AGENCIES WILL BE CONTACTED AS REQUIRED.

THE CONTRACTOR SHALL NOTIFY THE LICENSED PROFESSIONAL WHO PREPARED THIS PLAN IF MORE THAN 1,320 GALLONS OF PETROLEUM IS STORED ON-SITE (THIS INCLUDES CAPACITIES OF EQUIPMENT) OR IF ANY ONE PIECE OF EQUIPMENT HAS A CAPACITY GREATER THAN 660 GALLONS. THE CONTRACTOR WILL NEED A SPILL PREVENTION CONTAINMENT AND COUNTERMEASURES PLAN PREPARED BY THAT LICENSED PROFESSIONAL.

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CITY OF DACULA, GA

CONSULTANT PROJECT #
23-1004

GEORGIA
REGISTERED
PROFESSIONAL
ENGINEER
BRITNI D. NIX

LEVEL II EAS CERT.#945
EXP. DATE 09-27-28

PLAN STATUS

DATE	DESCRIPTION
KDW	RWH
DESIGN	DRAWN
SCALE	CHKD

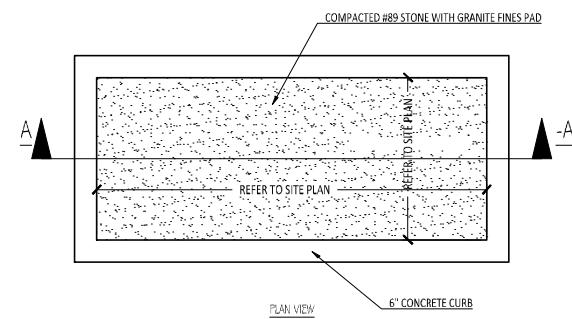
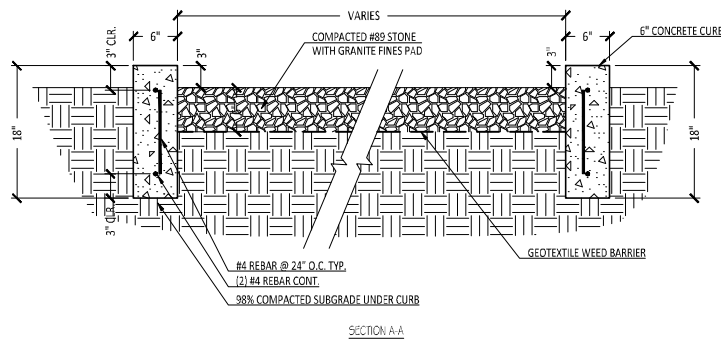
JOB No. 23-1004
DATE: May 21, 2024
FILE No.
SHEET No. C4.3

24 HOUR CONTACT
CITY OF DACULA
BRITNI NIX
BRITNI.NIX@DACULAGA.GOV
770-963-7451

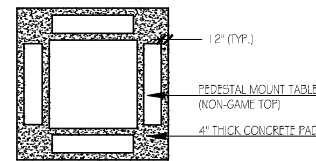
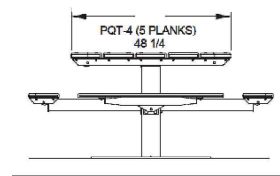
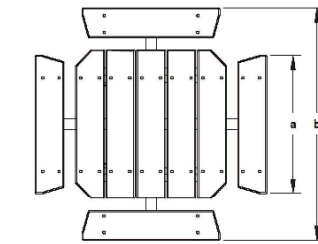


NOTE: BENCHES TO MATCH THOSE AT MAPLE CREEK PARK -
 SUPPLIER MyCoat COMMERCIAL OUTDOOR FURNITURE -
 info@MyCoat.com; 855-637-9616
 MODEL# BS106-N-57-000

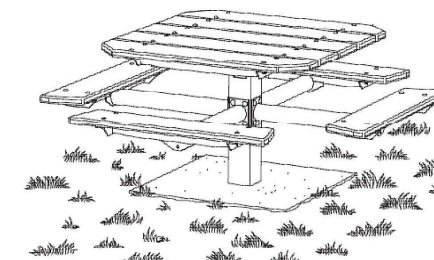
1 6' SKYLINE BENCH WITH ARCHED BACK - STRAP METAL - BROWN COLOR
 C5.0 PORTABLE OR SURFACE MOUNT - INDUSTRY STANDARD
 N.T.S.



2 SITE FURNISHING PAD DETAIL
 C5.0 N.T.S.

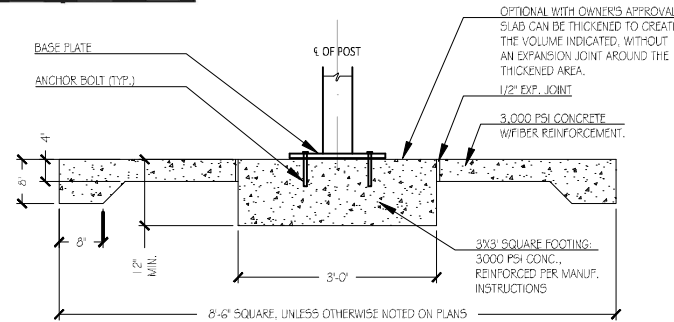


PEDESTAL TABLE INSTALLATION DETAIL
 N.T.S.



NOTE:
 PEDESTAL TABLE BY PILOT ROCK
 MODEL # PQT/7/6-4PC, OR APPROVED EQUAL
 SURFACE MOUNT: 1-800-762-5002
 PROVIDE ADA TABLES AS SHOWN IN PLANS:
 MODEL # PQT/3/6/4-PC, OR APPROVED EQUAL
 FOOTING DESIGN IS BASED ON MODEL #PQT-4 BY
 PILOT ROCK MFG.
 COLOR: SEE SPECS.
 INSTALL PER MANUFACTURER'S INSTRUCTIONS 4
 AS SHOWN ON THIS DETAIL.

MODEL NUMBER	DIMENSION	
	a	b
PQT-3	33-3/8	69
PQT-4	44	74



TYPICAL PEDESTAL TABLE POST FOUNDATION
 N.T.S.

3 4-SIDED PICNIC TABLE (PEDESTAL MOUNT)
 C5.0 N.T.S.



May 21, 2024

FILED IN 2024 (05/21/2024) 11:00 AM - CIVIL ENGINEER - PROJECT NO. 23-1004 - 4th FLOOR - 1000 W. COLLETT STREET, SUITE 200, Dacula, GA 30019

Bowman
 Certificate of Authorization License No. LS000341

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 Suwanee, GA 30024
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 www.bowman.com
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CONSTRUCTION DETAILS
**WILSON STREET TEMPORARY GRAVEL
 PARKING LOT**
 217 WILSON STREET
 CITY OF DACULA, GA
 DACULA, GA 30019
 GWINNETT COUNTY

CONSULTANT PROJECT #
 23-1004



PLAN STATUS

DATE	DESCRIPTION
KDW	RWH
DESIGN	DRAWN
	CHKD
SCALE	
JOB No.	23-1004
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