

TOTAL PROPOSED AREA DISTURBED IS APPROXIMATELY 15,194 SQ FT (0.35 ACRE), AND NO STATE WATER IS WITHIN 200 FEET OF THE PROPERTY.

EVEN THOUGH LESS THAN 1.0 ACRE IS BEING DISTURBED, BEST MANAGEMENT PRACTICES (BMPs) WILL BE UTILIZED AT DEPICTED IN FIGURES 8 AND 9.

STORMWATER MANAGEMENT
 THE SUBJECT SITE WILL BE GRADED IN SUCH A MANNER AS TO DIRECT THE SURFACE RUNOFF TO A LOW POINT WHERE AN EXISTING DROP INLET WILL CAPTURE THE FLOW, WHICH WILL THEN BE CONVEYED BY UNDERGROUND PIPING VIA THE FACILITY'S EXISTING STORM WATER SYSTEM.
 THE PROPOSED GRADING WILL REDUCE THE EXISTING SLOPE AND WILL HAVE NEGLIGIBLE EFFECTS ON THE PEAK RATE OF RUNOFF FROM THE FACILITY AND/OR THE EXISTING STORM WATER INFRASTRUCTURE. ADDITIONALLY, FINAL CONSTRUCTION OF THE PROPOSED IMPERVIOUS MITIGATION AREA AND CONTAINMENT AREA WILL REDUCE THE OVERALL RUNOFF FROM THE FACILITY.
 THERE ARE NO CONTRIBUTING DRAINAGE BASINS TO THE PROJECT SITE.
 NO WETLANDS AND NO STATE WATER ARE LOCATED ON THE SITE OR WITHIN 200 FEET OF THE PROJECT SITE. PROJECT DOES NOT INCLUDE STORM DRAIN PIPING/WEIRS WITH DAYLIGHT DISCHARGES.

TYPE OF SOILS
 Ubp: URBAN LAND AND BORROW PITS. THIS LAND TYPE CONSISTS MOSTLY OF CUTS AND FILLS. THE SOILS IN THIS MAPPING UNIT HAVE BEEN DISTURBED OR REMOVED IN MOST AREAS. IN MANY PLACES, CUTS EXTEND INTO WEATHERED MICA, SCHIST, OR GNEISS. IN OTHERS THE SOIL MATERIAL IS SANDY CLAY LOAM OR CLAY LOAM.

INLET SEDIMENT TRAP
 1. DRAINAGE AREA DISTURBED = 0.174 ACRES
 2. REQUIRED SEDIMENT STORAGE = 0.174 X 67 = 11.66 CY
 3. PROVIDED TEMPORARY SEDIMENT STORAGE = 27.55 CY

CODE	PRACTICE	DESCRIPTION
(Cc)	EXIT CONSTRUCTION	CONSTRUCTION EXIT - A CRUSHED STONE PAD LOCATED AT THE SITE EXIT TO PROVIDE A PLACE FOR REMOVING MUD FROM TIRES, THEREBY PROTECTING PUBLIC STREETS.
(Sd1-C)	BARRIER SEDIMENT	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE. THESE BARRIERS ARE TEMPORARY.
(Sd1-Hb)	BARRIER SEDIMENT	A BARRIER TO PREVENT SEDIMENT FROM LEAVING THE SITE. IT MAY BE SANDBAGS, BALES OF STRAW OR HAY, BRUSH, LOGS AND POLES, GRAVEL, OR A SEDIMENT FENCE. THESE BARRIERS ARE TEMPORARY.
(Sd2-F)	INLET SEDIMENT TRAP	AN IMPOUNDMENT AREA CREATED BY EXCAVATING AROUND A STORM DRAIN DROP INLET. THE EXCAVATED AREA WILL BE FILLED AND STABILIZED ONCE CONSTRUCTION ACTIVITIES ARE COMPLETE.
(Rd)	ROCK FILTER DAM	A PERMANENT OR TEMPORARY STONE FILTER DAM INSTALLED ACROSS SMALL STREAM OR DRAINAGE WAYS.
(Ds4)	STABILIZATION WITH SODDING	SOD INSTALLED TO DISTURBED AREAS FOR A PERMANENT VEGETATIVE COVER.

EROSION CONTROL NOTES

- 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 SEDIMENTATION CONTROL MEASURES SHALL BE IMPLEMENTED TO CONTROL, OR TREAT THE SEDIMENT SOURCE, OR AS DIRECTED BY THE EROSION CONTROL INSPECTOR.
- ANY DISTURBED AREA LEFT EXPOSED FOR A PERIOD GREATER THAN 14 DAYS SHALL BE STABILIZED WITH MULCH OR TEMPORARY SEEDING.
- BARRY D. HOLBERT, P.E., PLAN DESIGNER, VISITED THE SITE PRIOR TO DESIGNING THE EROSION & SEDIMENTATION CONTROL PLANS.
- SILT FENCE CANNOT BE USED TO STORE SEDIMENT. THE USE OF BASINS, SEDIMENT TRAPS AND OTHER SIMILAR BMPs IN ACCORDANCE WITH STATE LAW ARE REQUIRED.
- NO CLEARING OF THE SITE UNTIL ALL BASINS, DIVERSIONS, AND SEDIMENT CONTROLS ARE INSTALLED, STABILIZED, AND FUNCTIONAL.
- THE OPEN CHANNEL DRAINAGE EASEMENTS SHOWN ON THE PLANS ARE NOT TO BE CONSTRUED AS EXACTING IN LOCATION. THESE EASEMENTS ARE INTENDED TO PROVIDE AN AREA FOR THE FREE CONVEYANCE OF STORM WATER RUNOFF BETWEEN DRAINAGE STRUCTURES AND THE EXTERIOR PROPERTY LINE. THE LOCATIONS SHOWN ARE INTENDED LOCATIONS BUT ARE CONTINGENT UPON FINAL GRADING AND LANDSCAPING OF THE INDIVIDUAL LOTS.
- ANY STORM DRAINAGE SYSTEM NOT WITHIN PUBLIC RIGHT OF WAY IS CONSIDERED A PRIVATE SYSTEM THAT WILL NOT BE MAINTAINED BY THE CITY OF . A STORM DRAINAGE EASEMENT DOES NOT INDICATE OWNERSHIP BY THE CITY OF .
- DRAINAGE AWAY FROM ALL BUILDINGS SHALL BE NOT LESS THAN 6" IN 10 FEET. WHEREVER POSSIBLE RESIDENTIAL HOMES AND COMMERCIAL BUILDINGS ARE TO BE HIGHER THAN TOP OF CURB ELEVATIONS FOR ADEQUATE DRAINAGE.
- CONNECT ALL DOWNSPOUTS TO STORM SEWER SYSTEM. IF IMPOSSIBLE TO CONNECT TO STORM DRAINS, THEN FLOWS FROM DOWNSPOUTS SHALL BE SUFFICIENTLY SPREAD TO PREVENT EROSION CONDITIONS.
- LAND DISTURBANCE CANNOT BEGIN ON THE SITE UNTIL AFTER THE PRECONSTRUCTION CONFERENCE AND THE EROSION CONTROL INSPECTOR GIVES THE LDA PERMIT TO THE CONTRACTOR. PRESENT FOR THE PRECONSTRUCTION CONFERENCE SHALL BE: GENERAL CONTRACTOR, GRADING CONTRACTOR, AND OWNER. THE DESIGN PROFESSIONAL MAY BE PRESENT AT THE DISCRETION OF THE OWNER.
- THE ESCAPE OF SEDIMENT FROM THE SITE SHALL BE PREVENTED BY THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES PRIOR TO, OR CONCURRENT WITH, LAND-DISTURBING ACTIVITIES.
- CONTRACTOR SHALL INSPECT EROSION CONTROL MEASURES FREQUENTLY, SPECIALLY AFTER RAINFALL, AND MAINTAIN OR REPLACE AS NECESSARY PER THE DRAWINGS AND SPECIFICATIONS.
- THE CONTRACTOR WILL SCHEDULE HIS WORK TO LIMIT EXPOSURE OF BARE SOILS TO EROSION ELEMENTS. VEGETATION AND MULCH WILL BE APPLIED TO APPLICABLE AREAS IMMEDIATELY AFTER GRADING IS COMPLETED.
- A TEMPORARY CONSTRUCTION EXIT WILL BE EMPLOYED TO PREVENT THE TRANSPORT OF SEDIMENT FROM THE SITE BY VEHICULAR TRAFFIC.
- EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED THROUGHOUT THE DURATION OF THE WORK.

CONSTRUCTION ACTIVITY SCHEDULE

ACTIVITY	WEEKS														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1. INSTALL EROSION CONTROL MEASURES															
2. INSTALL IMPERVIOUS MITIGATION AREA															
3. CLEARING AND GRADING ACTIVITIES															
4. CONCRETE CONTAINMENT PAD															
5. LANDSCAPING AND GRASSING															
6. MAINTENANCE OF EROSION CONTROL															
7. REMOVAL TEMP. BMPs															

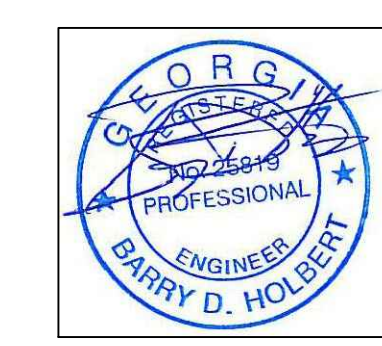
"THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES SHALL OCCUR PRIOR TO OR CONCURRENT WITH LAND-DISTURBING ACTIVITIES".

PROJECT DESCRIPTION
 THE PROJECT ENTAILS DISTURBING AN EXISTING PERVIOUS SURFACE (7,574 SQ FT), SO A CONCRETE CONTAINMENT STRUCTURE CAN BE INSTALLED; THIS CONTAINMENT STRUCTURE IS PART OF THE REMEDIATION SYSTEM APPROVED BY THE . HAZARDOUS SITE RESPONSE PROGRAM, WHICH WILL BE CAPABLE OF TREATING STORM WATER AT THE FACILITY DURING INCLEMENT WEATHER. TO OFFSET DISTURBING THE PERVIOUS AREA, AN EXISTING IMPERVIOUS AREA (7,622 SQ FT) ON THE PROPERTY WILL BE CONVERTED TO PERVIOUS BY REMOVING THE PAVEMENT AND PLANTING GRASS. THIS WILL KEEP THE MAXIMUM ON-SITE IMPERVIOUS SURFACE BELOW THE 85% THRESHOLD ESTABLISHED FOR PROPERTIES ZONED HEAVY INDUSTRIAL (HI).

24-HOUR EMERGENCY CONTACT
 MATRIX ENGINEERING, LLC
 1100 HOWELL BRIDGE ROAD
 BALL GROUND, GA 30107
 CONTACT: BARRY D. HOLBERT, P.E.
 GSWCC LEVEL II #: 000008677
 CELL NO.: 678-951-2526

MAXIS ENGINEERING, LLC
 1100 HOWELL BRIDGE ROAD
 BALL GROUND, GEORGIA 30107
 PHONE: (678) 454-1130
 FAX: (678) 454-1131

EROSION AND SEDIMENTATION CONTROL PLAN



REV	DATE	BY	REVISIONS
0	9/28/10	BDH	ISSUE FOR CONSTRUCTION
1	10/19/10	BDH	REVISED AS PER CITY COMMENTS
2	10/21/10	BDH	RAMP LAYOUT
3	10/27/10	BDH	GRATE DETAIL AND SUBSLAB PIPING

0 20 40 80
 GRAPHIC SCALE: 1" = 40'
 DRAWN BY: AJA
 CHECKED BY: BDH
 PROJECT NO.: 1-10-102F

SHEET:
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