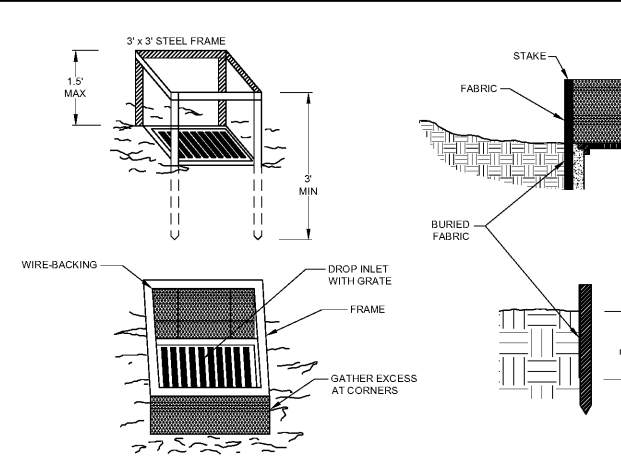
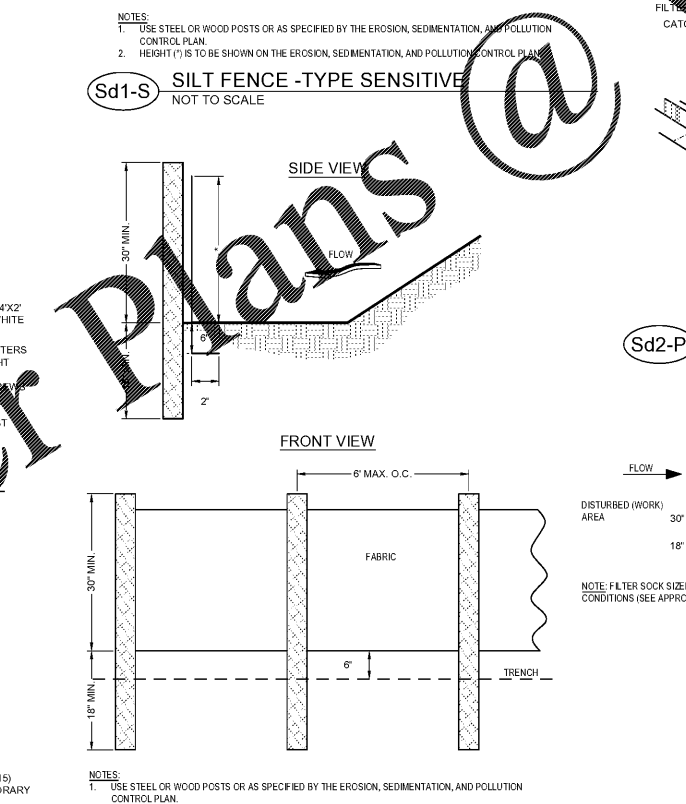
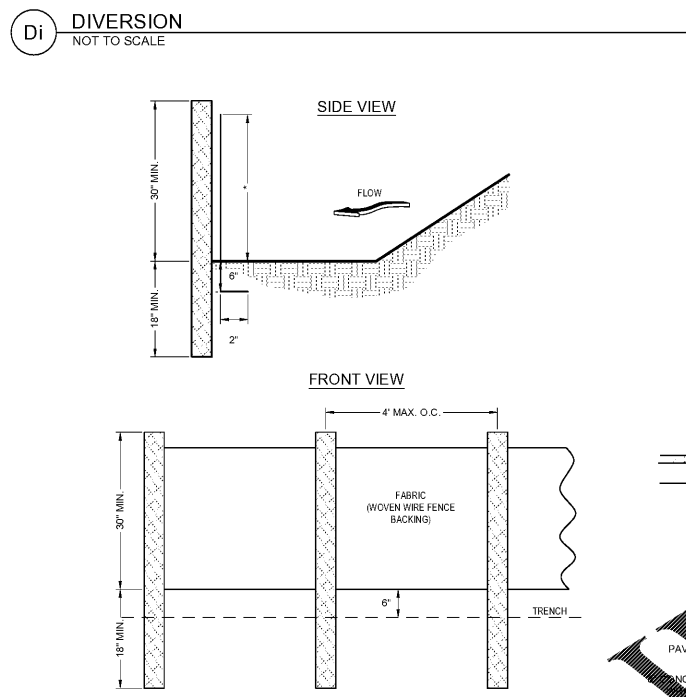
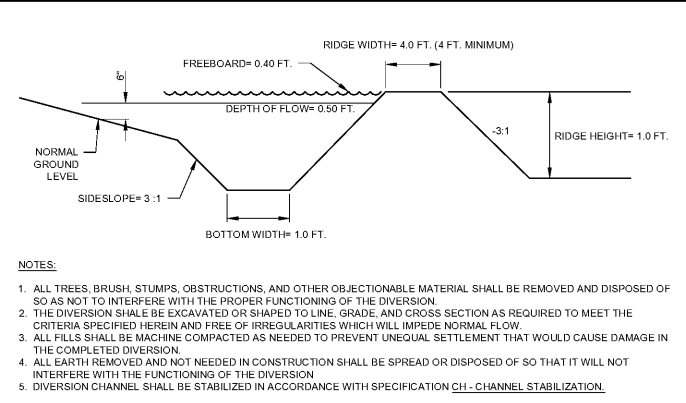
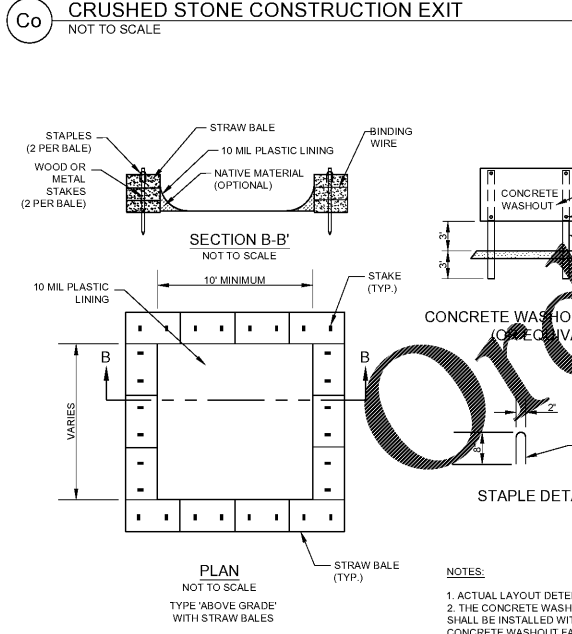
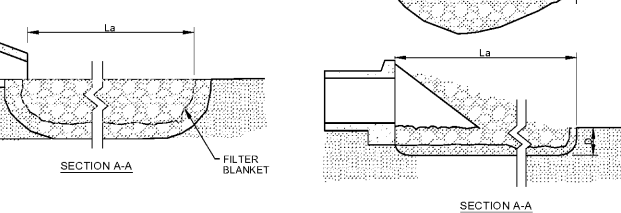
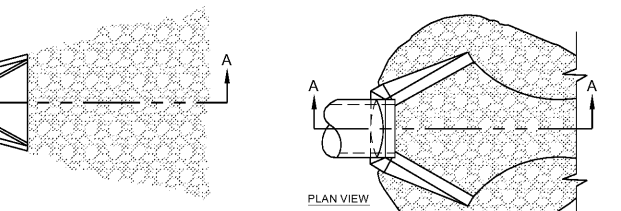
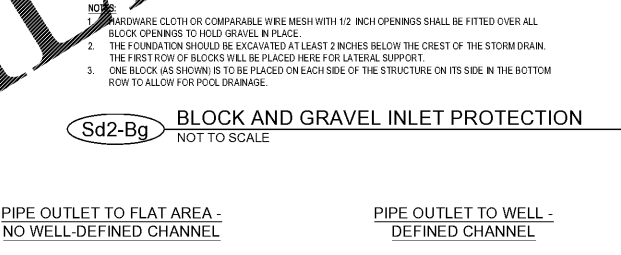
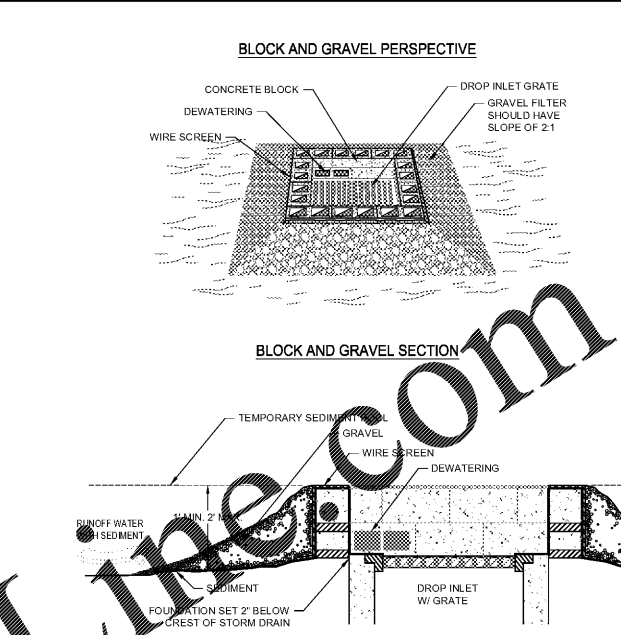
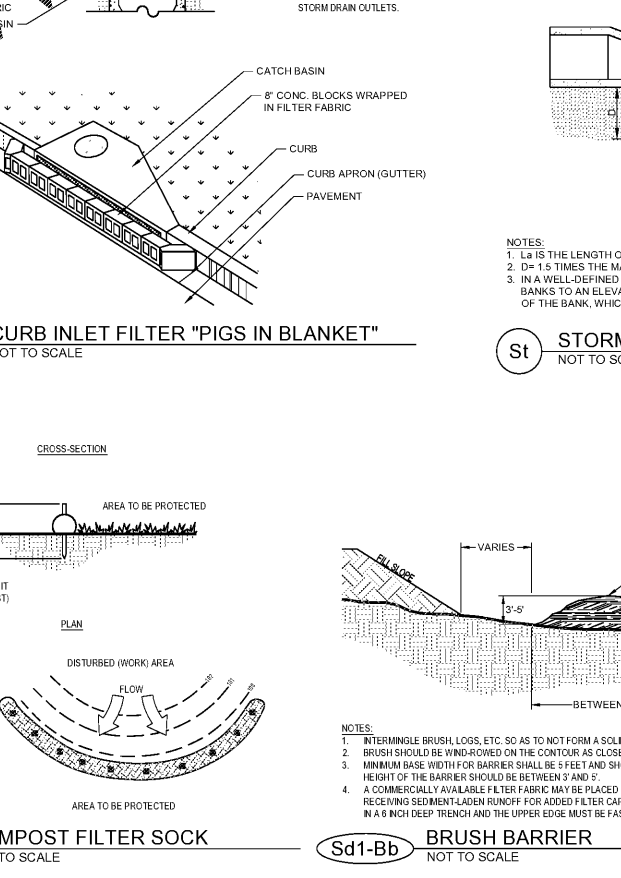
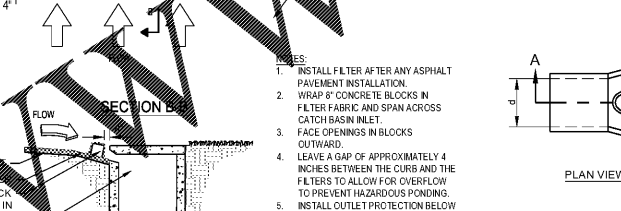
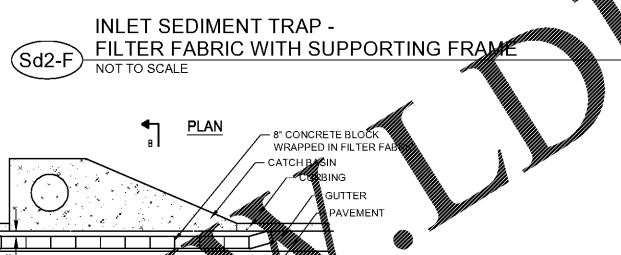


- NOTES:**
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL PAD SHALL HAVE A MINIMUM THICKNESS OF 6".
 5. PAD WIDTH SHALL BE EQUAL FULL WIDTH AT ALL POINTS OF VEHICULAR EGRESS, BUT NO LESS THAN 20".
 6. A DIVERSION RIDGE SHOULD BE CONSTRUCTED WHEN GRADE TOWARD PAVED AREA IS GREATER THAN 2%.
 7. INSTALL PIPE UNDER THE ENTRANCE IF NEEDED TO MAINTAIN DRAINAGE DITCHES.
 8. WHEN WASHING IS REQUIRED, IT SHOULD BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN (DIVERTE ALL SURFACE RUNOFF AND DRAINAGE FROM THE ENTRANCE TO A SEDIMENT CONTROL DEVICE).
 9. WASHRACKS AND/OR TIRE 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 DIRT.
 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.



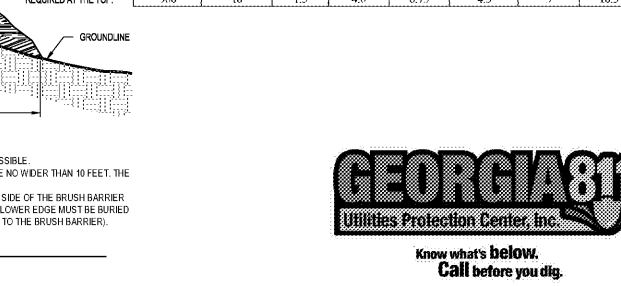
- NOTES:**
1. FOR STAKES, USE STEEL WITH A MINIMUM LENGTH OF 3 FEET.
 2. SPACE STAKES EVENLY AROUND THE PERIMETER OF THE INLET A MAXIMUM OF 3 FEET APART, AND SECURELY DRIVE THEM INTO THE GROUND, MINIMUM OF 18 INCHES DEEP.
 3. TO PROVIDE NEEDED STABILITY TO THE INSTALLATION, FRAME WITH 2 X 4 INCH WOOD STRIPS AROUND THE CREST OF THE OVERFLOW AREA AT A MAXIMUM OF 1.5 FEET ABOVE THE DROP INLET CREST.
 4. PLACE THE BOTTOM 12 INCHES OF THE FABRIC IN A TRENCH AND BACKFILL THE TRENCH WITH CRUSHED STONE OF COMPACTED SOIL.
 5. FASTEN FABRIC SECURELY TO THE STAKES AND FRAME. JOINTS MUST BE OVERLAPPED TO THE NEXT STAKE.
 6. THE TOP OF THE FRAME AND FABRIC MUST BE WELL BELOW THE GROUND ELEVATION DOWNFLOW FROM THE DROP INLET TO KEEP RUNOFF FROM BYPASSING THE INLET. IT MAY BE NECESSARY TO BUILD A TEMPORARY DIKE ON THE DOWN SLOPE SIDE OF THE STRUCTURE TO PREVENT BYPASS FLOW.



- NOTES:**
1. HARDWARE CLOTH OR COMPARABLE WIRE MESH WITH 1/2 INCH OPENINGS SHALL BE FITTED OVER ALL BLOCK OPENINGS TO HOLD GRAVEL IN PLACE.
 2. 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.
 3. 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.
 4. A FILTER BLANKET OR FILTER FABRIC SHALL BE INSTALLED BETWEEN THE RIPRAP AND SOIL FOUNDATION.
 5. GRADED RIPRAP STONE (MIN. 50 LB. STONE) NSA, NO. R-4 - 12" MAX. 6" AVE.
 6. FILTER STONE NO. FS-2

Rip-Rap Apron Summary

Headwall ID	Pipe Diameter, DO (in)	25-year Velocity, Q (cfs)	25-year Velocity, V (ft/sec)	GDOT Type III Rip-Rap Size d50	Initial Apron width (ft)	Apron Length, La (ft)	Apron Width, W (ft)
100	24	18.8	11.1	0.75	6	13	15
124	18	2.4	5.4	0.75	4.5	9	10.5
300	24	8.2	6.1	0.75	6	13	15
400	18	5.2	9.4	0.75	4.5	9	10.5
600	18	1.9	5.5	0.75	4.5	9	10.5
700	18	5.5	8.6	0.75	4.5	9	10.5
800	18	3.5	6.0	0.75	4.5	9	10.5
900	18	1.5	4.0	0.75	4.5	9	10.5



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Foresite Group, Inc.
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Suite 100
Peachtree Corners, GA 30092

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770.368.1399
770.368.1944

DEVELOPER:
JAI RADHE KRISHNA ENTERPRISES, LLC
568 PEACHTREE PARKWAY
CUMMING, GA 30041

CONTACT: RUPESH MANUGULA

PROJECT:
DAY CARE FACILITY - WEBB ROAD
2865 WEBB ROAD
MILTON, GA 30004
L.L. 1048, 2ND DISTRICT, 2ND SECTION
PARCEL #22 57010482814, FULTON CO PERMIT # 20-050WR

SEAL:
GEORGIA REGISTERED PROFESSIONAL ENGINEER
1/13/21

REVISIONS DATE
ENVIRONMENTAL HEALTH 08-12-2020
CITY COMMENTS 10-7-2020

PROJECT MANAGER: JPS
DRAWING BY: JCW
JURISDICTION: MILTON, GA
DATE: 07-15-2020
SCALE: AS SHOWN
TITLE:

EROSION, SEDIMENTATION, & POLLUTION CONTROL DETAILS
SHEET NUMBER:
C-4.6
COMMENTS: NOT RELEASED FOR CONSTRUCTION
JOB/FILE NUMBER: 1418.001

