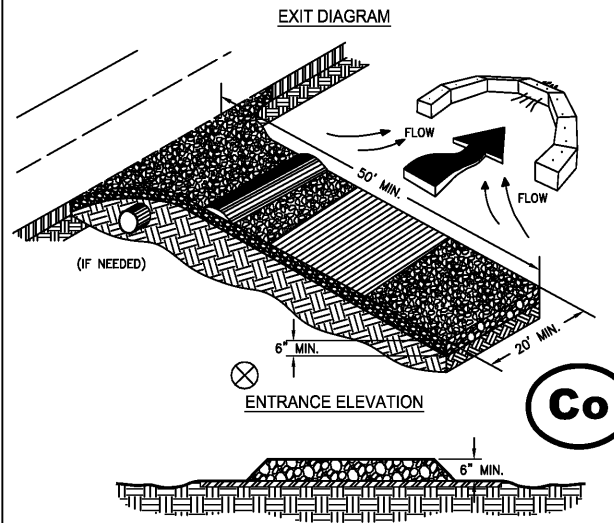
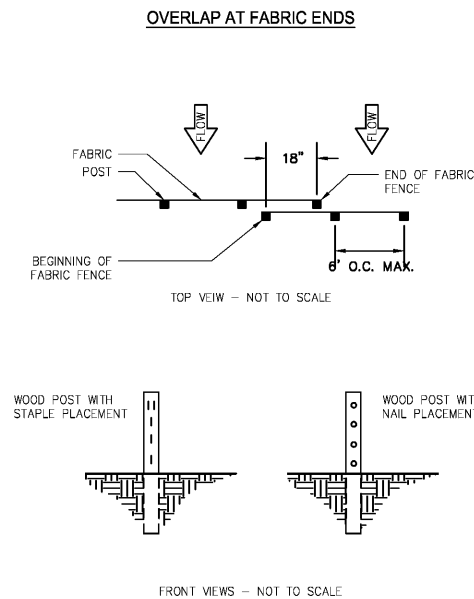


CRUSHED STONE CONSTRUCTION EXIT



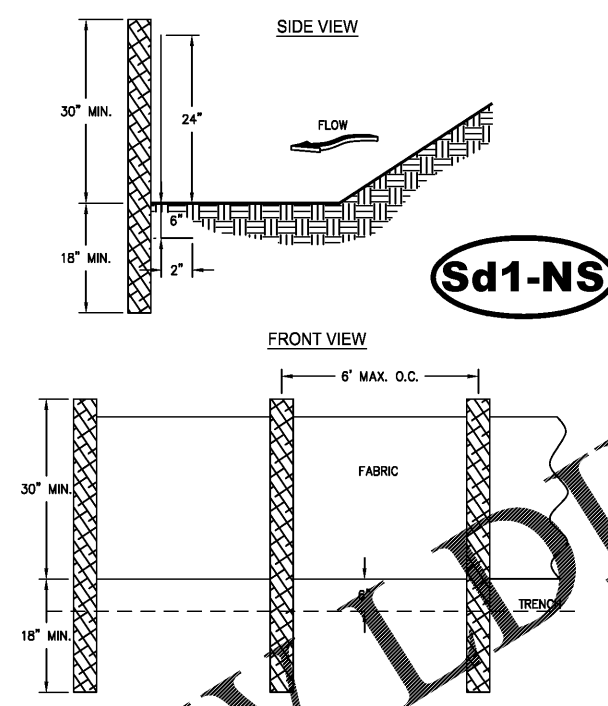
- NOTES:
1. AVOID LOCATING ON STEEP SLOPES OR AT CURVES ON PUBLIC ROADS.
 2. REMOVE ALL VEGETATION AND OTHER UNSUITABLE MATERIAL FROM THE FOUNDATION AREA, GRADE, AND CROWN FOR POSITIVE DRAINAGE.
 3. AGGREGATE SIZE SHALL BE IN ACCORDANCE WITH NATIONAL STONE ASSOCIATION R-2 (1.5"-3.5" STONE).
 4. GRAVEL 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 (DIVERT 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.

FASTENERS FOR SILT FENCES



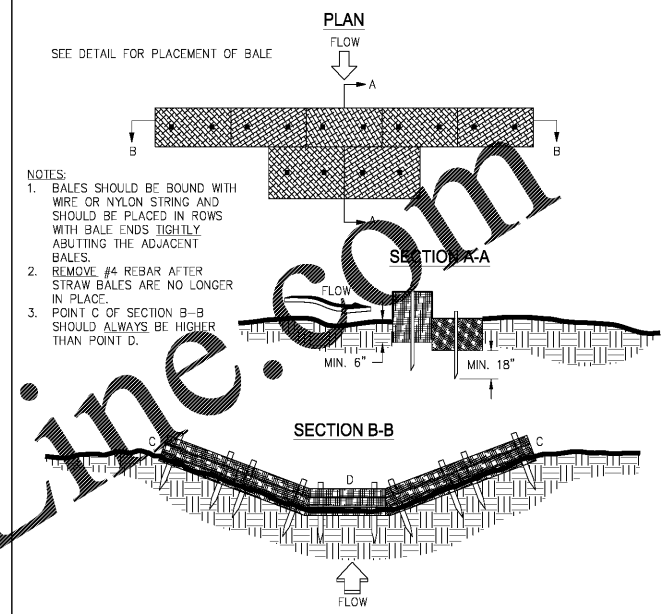
- NOTES:
1. THE FABRIC AND WIRE SHOULD BE SECURELY FASTENED TO POSTS AND FABRIC ENDS MUST BE OVERLAPPED A MINIMUM OF 18" OR WRAPPED TOGETHER AROUND A POST TO PROVIDE A CONTINUOUS FABRIC BARRIER AROUND THE INLET.

SILT FENCE - TYPE NON-SENSITIVE



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

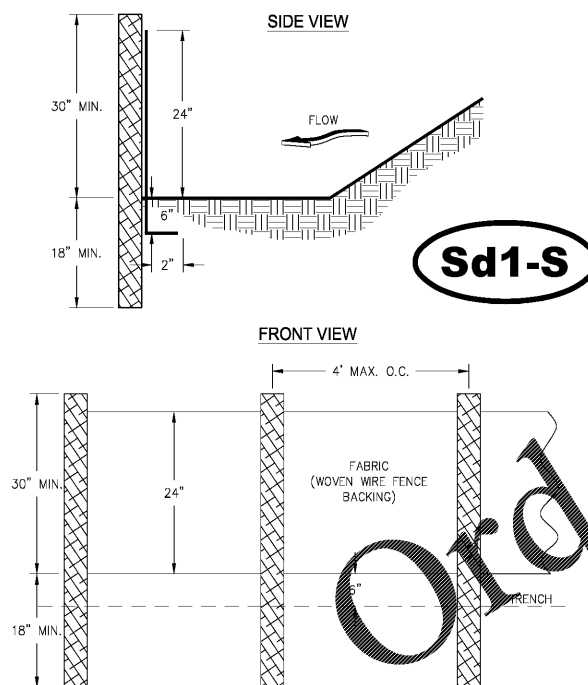
TYPICAL STRAW BALE CHECK DAM



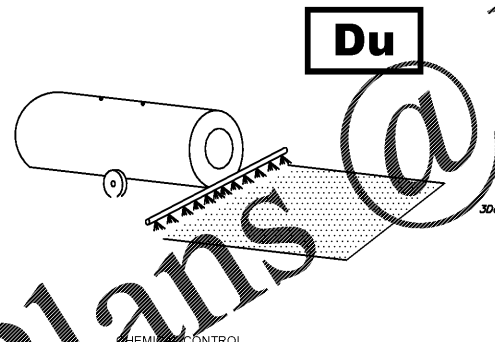
- NOTES:
1. BALES SHOULD BE BOUND WITH WIRE OR NYLON STRING AND SHOULD BE PLACED IN ROWS WITH BALE ENDS TIGHTLY ADJUTING THE ADJACENT BALES.
 2. REMOVE #4 REBAR AFTER STRAW BALES ARE NO LONGER IN PLACE.
 3. POINT C OF SECTION B-B SHOULD ALWAYS BE HIGHER THAN POINT D.

TO BE SHOWN ON THE EROSION AND SEDIMENT CONTROL PLAN			
CHECK DAM NUMBER (Cd-XX)	CFS IN THE CHANNEL/DITCH THAT THE CHECK DAM IS BEING USED IN	ABOVE 2.0-CFS (YES OR NO)	IF YES, LIST BMP BEING USED IN CONJUNCTION WITH CHECK DAM
Cd-01	2.31	YES	Ds1, Ds2, Ds3, Ds4
Cd-02	2.14	YES	Ds1, Ds2, Ds3, Ds4
Cd-03	2.09	YES	Ds1, Ds2, Ds3, Ds4
Cd-04	2.03	YES	Ds1, Ds2, Ds3, Ds4
Cd-05	12.21	YES	Ds1, Ds2, Ds3, Ds4, Ss
Cd-06	12.53	YES	Ds1, Ds2, Ds3, Ds4, Ss
Cd-07	5.28	YES	Ds1, Ds2, Ds3, Ds4, Ss
Cd-08	5.49	YES	Ds1, Ds2, Ds3, Ds4, Ss

SILT FENCE - TYPE SENSITIVE



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



ADHESIVE	WATER DILUTION	TYPE OF NOZZLE	APPLICATION RATE (GAL/AC)
ANIONIC ASPHALT EMULSION	7:1*	SPRAY	1200
LATEX EMULSION	12 1/2:1*	FINE SPRAY	235
RESIN-IN-WATER EMULSION	4:1*	FINE SPRAY	300

- *USE MANUFACTURER'S RECOMMENDATIONS WHEN AVAILABLE
- PERMANENT METHODS
 - PERMANENT VEGETATION
 - TOPSOILING
 - STONE COVER
 - TEMPORARY METHODS
 - MULCHES
 - TEMPORARY VEGETATIVE COVER
 - SPRAY ON ADHESIVES
 - TELLAGE
 - IRRIGATION
 - BARRIERS
 - CALCIUM CHLORIDE

- NOTES:
1. L_a IS THE LENGTH THE RIP-RAP APRON.
 2. D = 1.5 TIMES THE MAXIMUM STONE DIAMETER BUT NOT LESS THAN 6".
 3. IN A WELL-DEFINED CHANNEL EXTEND THE APRON UP THE CHANNEL BANKS TO AN ELEVATION OF 6" ABOVE THE MAXIMUM TAILWATER DEPTH OR TO THE TOP OF THE BANK, WHICHEVER IS LESS.
 4. A FILTER BLANKET OR FILTER FABRIC SHOULD BE INSTALLED BETWEEN THE RIP-RAP AND SOIL FOUNDATION.

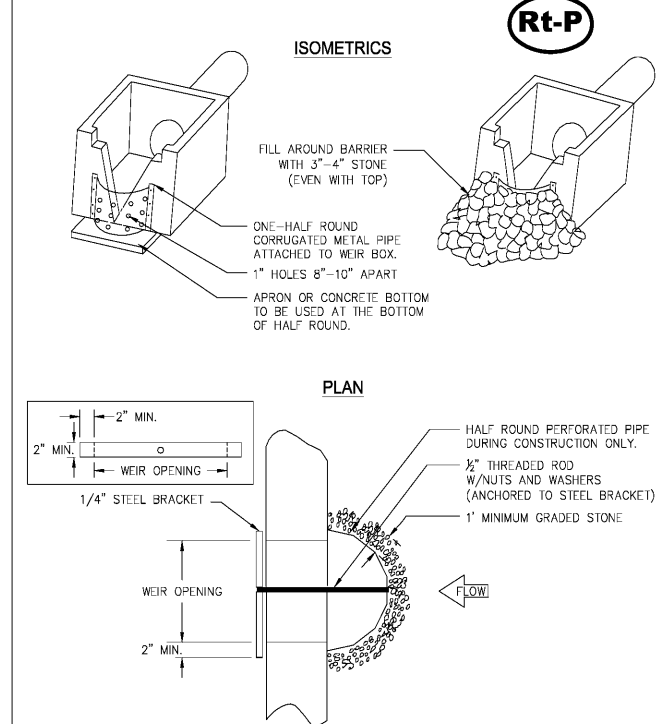
STRUCTURE	FLOW CHARACTERISTICS		DIMENSIONS		
	Q (CFS)	V (FPS)	L _a	W ₁	W ₂
FLUMES	3.5	9.7	5'	9'	8' 6"
18" PIPE	3.9	3.75	5'	4.5'	9.5' 6"

TAILWATER CONDITION > 1/2 DIAMETER

OUTLET PROTECTION - St
NOT TO SCALE

DUST CONTROL ON DISTURBED AREAS - Du

PERFORATED HALF-ROUND PIPE WITH STONE FILTER



NO.	REVISION DESCRIPTION	BY	DATE

GSWCC
 Jeremy R Hart
 LEVEL II CERTIFIED DESIGN PROFESSIONAL
 CERTIFICATION NUMBER: 0009072679
 ISSUED: 1/20/2020 EXPIRES: 1/20/2023



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CIVIL MARINE ENVIRONMENTAL
 OFFICE LOCATIONS: ALBANY, ATLANTA, AUGUSTA, BRUNSWICK, COLUMBUS, SAVANNAH, STATESBORO, AND VALDOSTA

EROSION CONTROL DETAILS
PATEL CONVENIENCE STORE
 BLUE JAY & McCALL ROAD
 RINCON, GEORGIA
 Prepared for:
 VIPULKUMAR PATEL

PROJECT NO.: 20-0025
 DRAWN BY: JCH
 DESIGNED BY: MDM
 SURVEYED BY: EMC
 SURVEY DATE: FEBRUARY 2016
 CHECKED BY: JRH
 SCALE:
 DATE: APRIL 2020