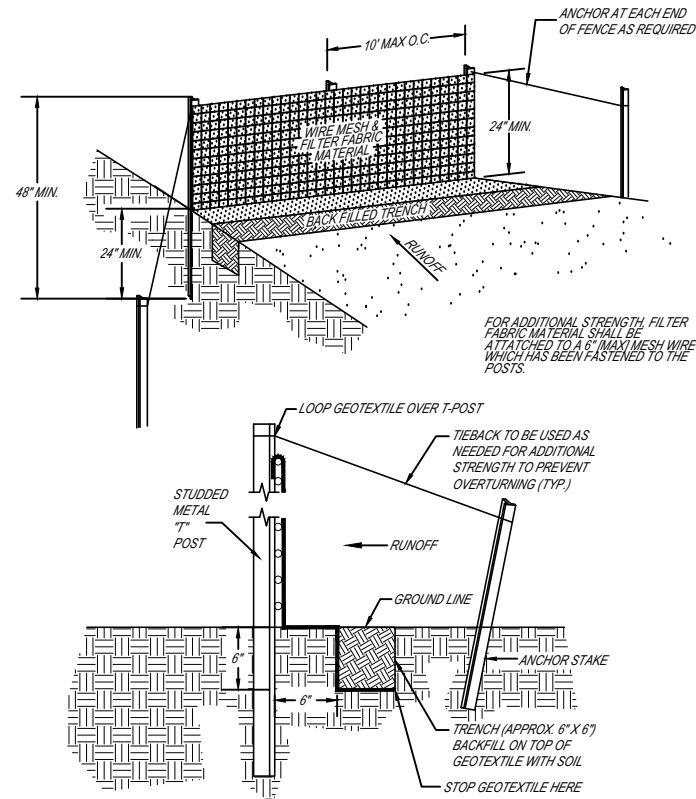


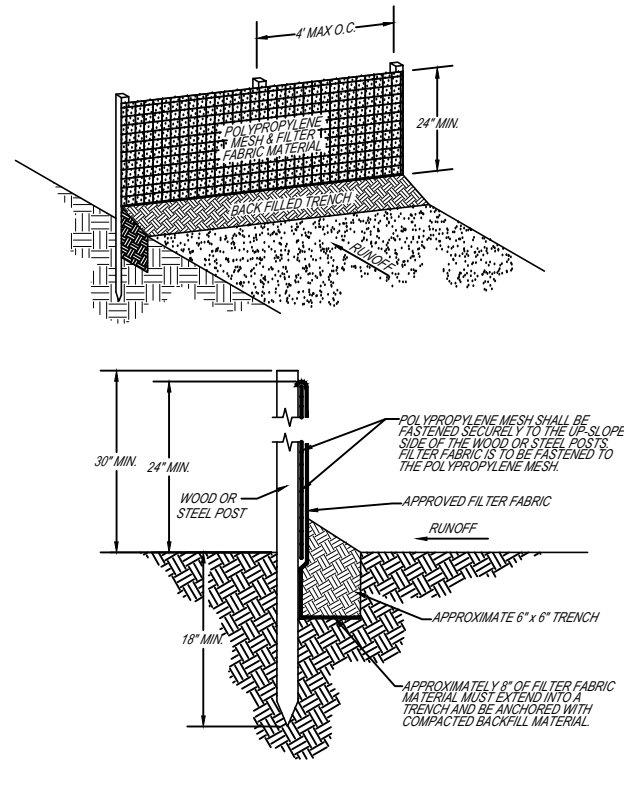
SILT FENCE W/ WIRE MESH (ALDOT TYPE A)



SILT FENCE W/ WIRE MESH (ALDOT TYPE A)

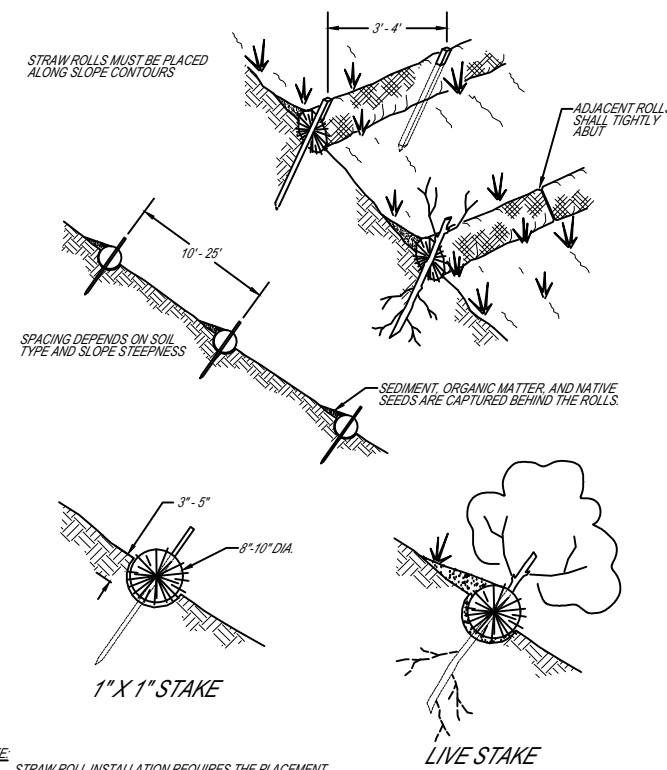
402

SILT FENCE W/ POLYPROPYLENE MESH (GDOT TYPE C)



404

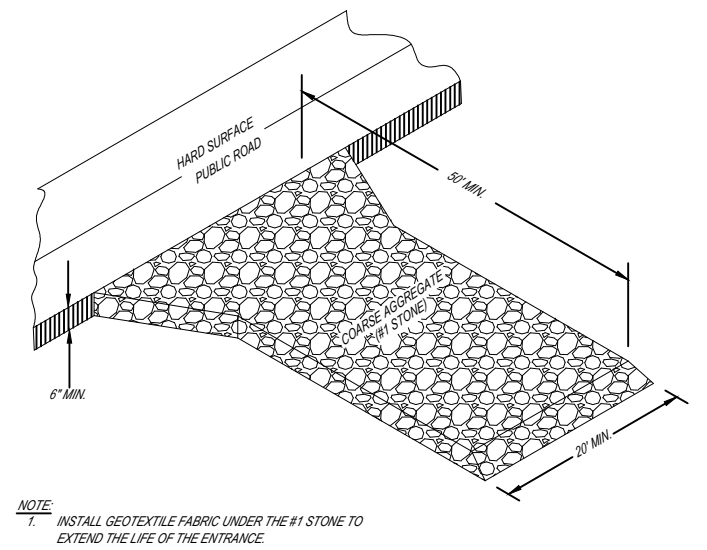
STRAW ROLL



NOTE:
1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3\"/>

406

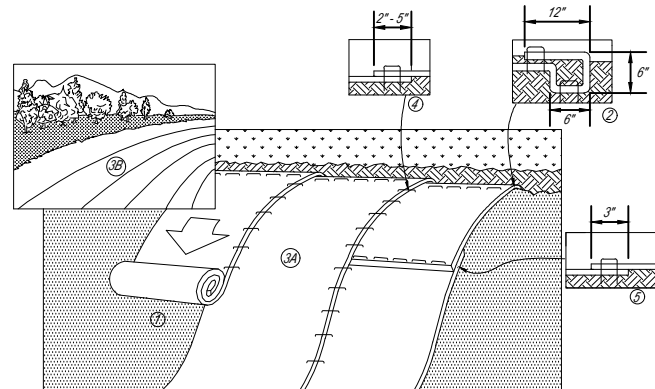
CONSTRUCTION EXIT PAD (CEP)



NOTE:
1. INSTALL GEOTEXTILE FABRIC UNDER THE #1 STONE TO EXTEND THE LIFE OF THE ENTRANCE.

408

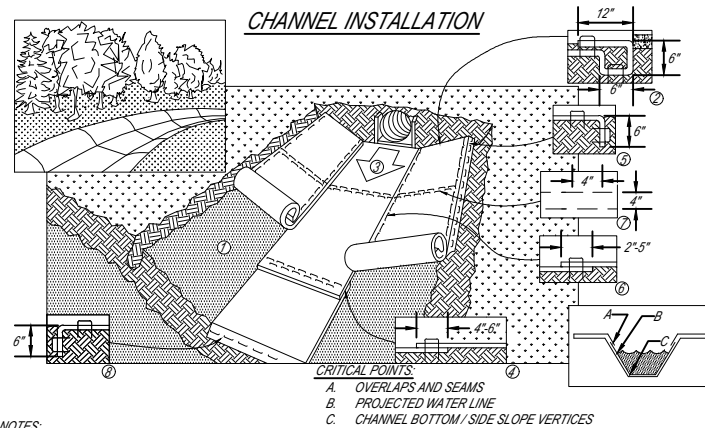
SLOPE INSTALLATION



NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECPs IN A 6\"/>

410

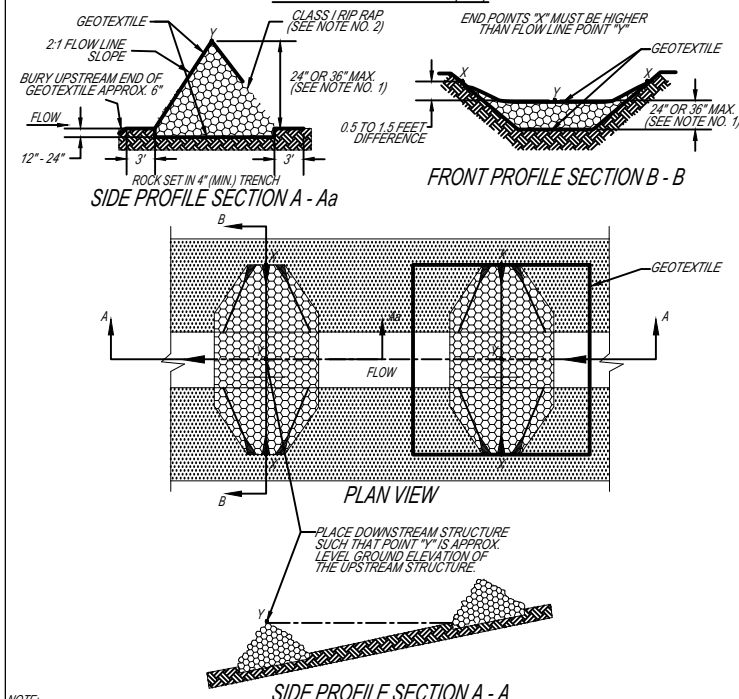
CHANNEL INSTALLATION



NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECPs), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE RECPs IN A 6\"/>

412

TYPICAL CHECK DAM (CD)



NOTE:
1. MAXIMUM HEIGHT SHALL BE 24 INCHES WHEN DRAINAGE AREA IS LESS THAN 5 ACRES AND 36 INCHES WHEN DRAINAGE AREA IS 5 TO 10 ACRES.
2. RIP RAP GRADATION SHALL CONFORM TO THE REQUIREMENTS OF CLASS I RIP RAP, ALABAMA HIGHWAY DEPARTMENT, STANDARD SPECIFICATION FOR HIGHWAY CONSTRUCTION.
3. GEOTEXTILE FABRIC REQUIRED UNDER AND ON TOP OF CHECK DAM. FABRIC SHOULD EXTEND A MINIMUM OF 3 FEET ON UPSTREAM AND DOWNSTREAM SIDE OF DAM. UPSTREAM END OF FABRIC SHOULD BE BURIED TO A MINIMUM DEPTH OF 6 INCHES.

D-50 OF ROCK (INCHES)	DOWNSTREAM FLOWLINE SLOPE OF STRUCTURE (F/T/F)					
	0.35	0.30	0.25	0.20	0.15	0.10
3	0.6	0.7	0.8	1.0	1.3	1.9
6	1.2	1.4	1.6	2.0	2.6	3.9

RECOMMENDED ROCK SIZE AND FLOW DEPTHS

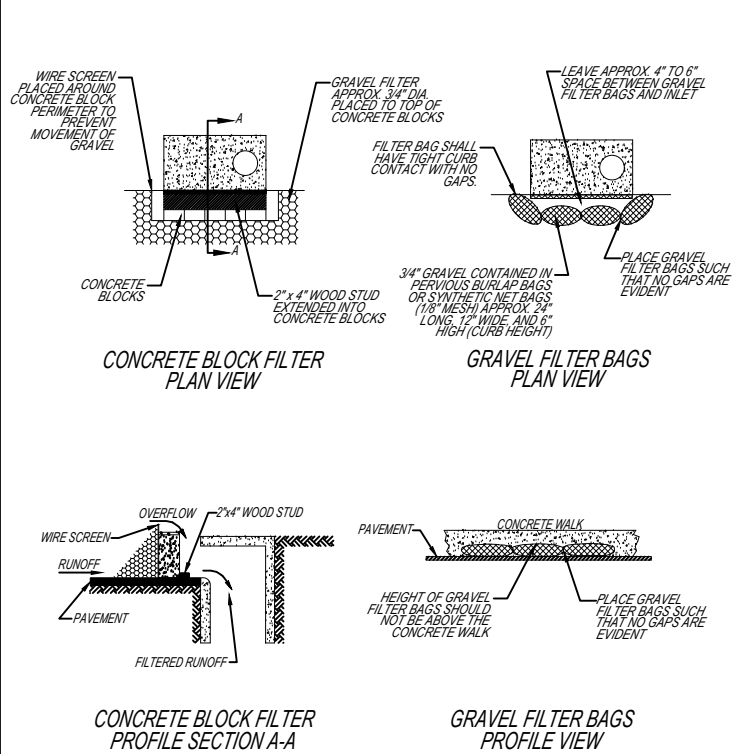
414

EROSION CONTROL NOTES:
1. A CONSTRUCTION EXIT PAD MUST BE INSTALLED AT ALL POINTS OF INGRESS/EGRESS TO THE SITE.
2. EROSION CONTROL BLANKETS AND NETTING SHOULD BE USED ON STEEP SLOPES AND IN CHANNELS IN CONJUNCTION WITH PERMANENT VEGETATION.
3. MULCH ALL BARE AREAS IMMEDIATELY FOLLOWING INITIAL GRADING PROCEDURES. BMPs SHALL BE INSPECTED AT LEAST MONTHLY AND WITHIN 24 HOURS OF RAIN EVENTS OF 0.75 INCHES OR GREATER. MAINTENANCE AND REPAIR MUST BE MADE WITHIN 3 DAYS OF INSPECTIONS, UNLESS OTHERWISE DIRECTED. COPIES OF THE QUALIFIED CREDENTIALLED PROFESSIONAL (COP) / QUALIFIED CREDENTIALLED INSPECTOR (CQI) INSPECTION REPORTS SHALL BE SUBMITTED TO THE CITY OF AUBURN WATER RESOURCE MANAGEMENT DEPARTMENT, ATTN: WATERSHED DIVISION, 1501 WEST SAMFORD AVENUE, AUBURN, ALABAMA 36832.
4. TEMPORARY SEEDING OF DISTURBED AREAS SHOULD BE IMPLEMENTED WHENEVER DISTURBED SOIL AREAS WILL NOT BE BROUGHT TO FINISHED GRADE FOR A PERIOD OF 15 CALENDAR DAYS OR LONGER.
5. THESE STANDARD DETAILS SHALL BE APPLICABLE TO ALL LAND DISTURBING ACTIVITIES AND ATTACHED TO THE RELEVANT SITE PLAN AND/OR SUBDIVISION DRAWINGS.
6. ALL EROSION CONTROL MEASURES ARE TO BE IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL, AND STORM WATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (LATEST EDITION), AND SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION ACTIVITIES.
7. SILT FENCE: REMOVE ACCUMULATED SEDIMENT WHEN DEPTH REACHES 1/4\"/>

STANDARD DETAILS: EROSION CONTROL - SHEET 1 OF 3

PROJECT TITLE:	DEPARTMENT:	WRRM	REVISIONS:	AE-06-13-07
SCALE:	SCALE:	N.T.S.	BS-10-05-07	DCM-2010
DRAWN BY:	DRAWN BY:	BSM/J	JK-12-2012	MD-12-2021
REVIEWED BY:	REVIEWED BY:	MD	JP-11-2022	
APPROVED BY:	APPROVED BY:			
IMPLEMENTED:	IMPLEMENTED:	02/2023		

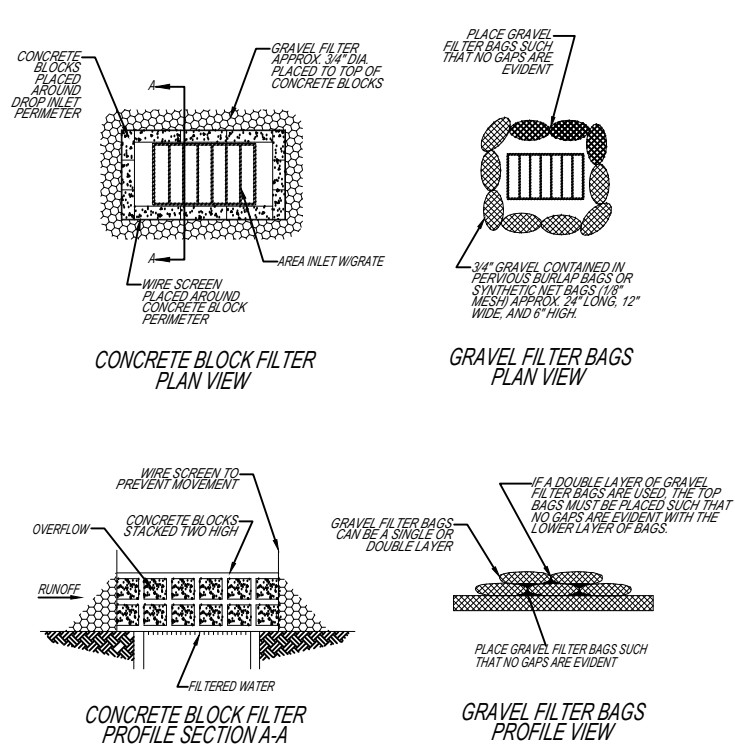
TYPICAL CURB INLET GRAVEL FILTER



NOTE:
1. GRAVEL FILTERS CAN BE USED ON PAVEMENT OR BARE GROUND.

416

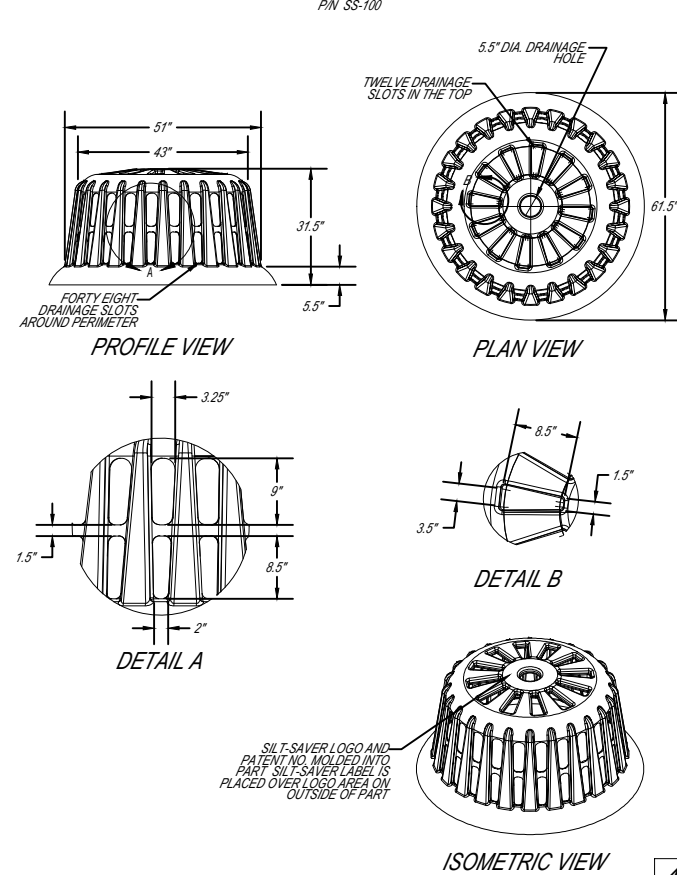
TYPICAL EXCAVATED DROP INLET PROTECTION (EIP)



NOTE:
1. GRAVEL FILTERS CAN BE USED ON PAVEMENT OR BARE GROUND.

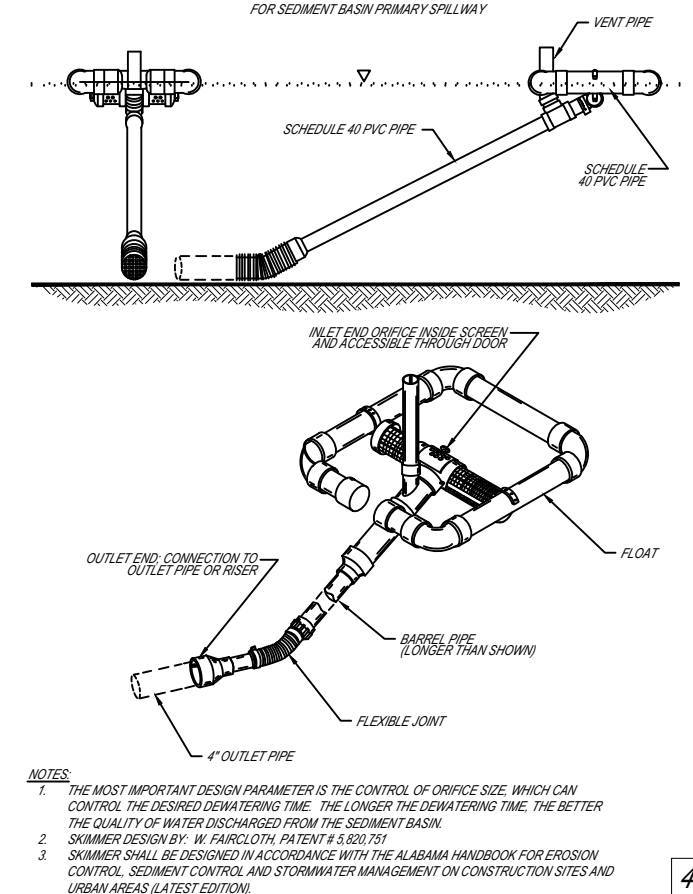
418

SILT-SAVER ROUND FRAME
PIN SS-100



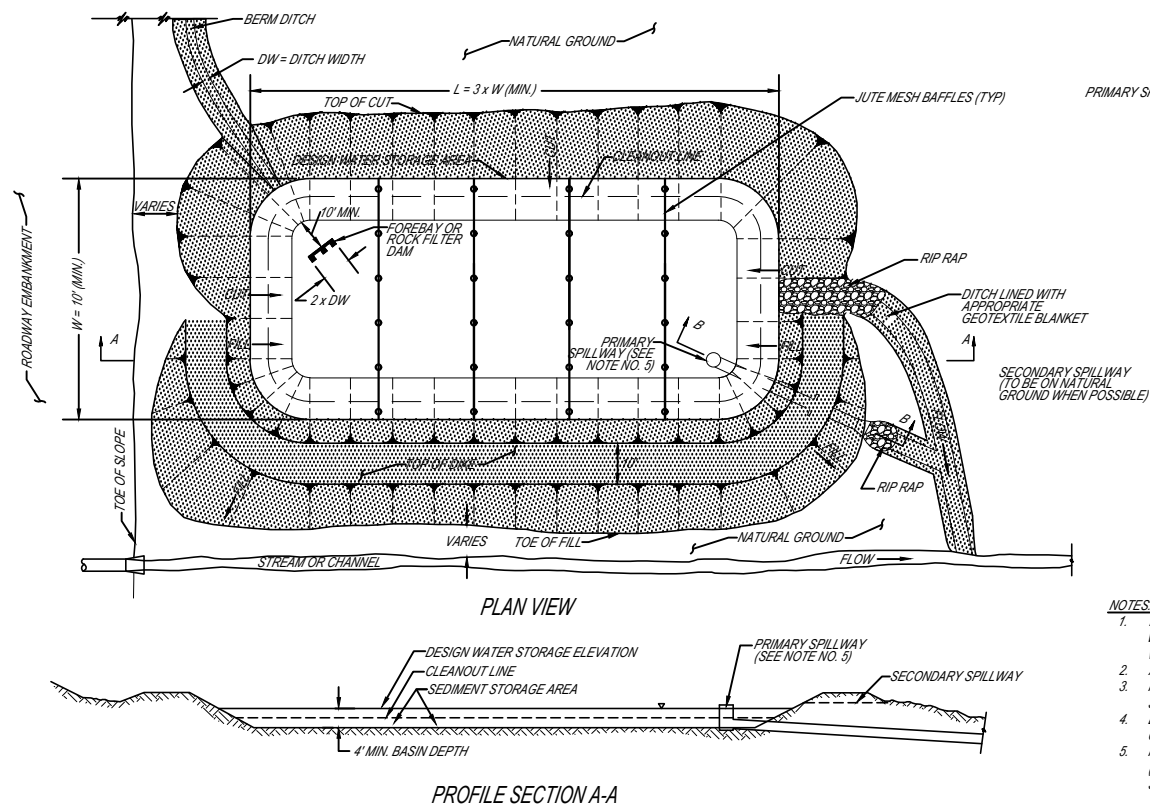
420

"SKIMMER" OUTLET STRUCTURE
FOR SEDIMENT BASIN PRIMARY SPILLWAY



428

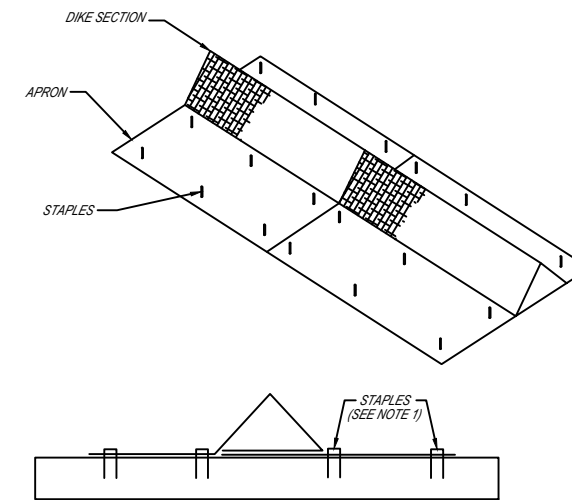
TYPICAL SEDIMENT BASIN
FOR USE OUTSIDE NATURAL CHANNELS



NOTES:
1. THIS IS A BASIN THAT IS EXCAVATED OR AN AREA THAT IS DAMMED. THE BASIN WILL BE DESIGNED TO HOLD A SEDIMENT LOAD OF 3600 CUBIC FEET OF VOLUME PER ACRE OF DRAINAGE AREA.
2. ALLOWABLE SEDIMENT DEPTH SHALL NOT EXCEED 1/3 TOTAL BASIN DEPTH.
3. RUNOFF FROM UNDISTURBED, ADJACENT LAND SHOULD BE ROUTED TO BYPASS SEDIMENT BASIN.
4. BASIN DEPTH 4'-0" MINIMUM, W & L MAY VARY TO CONFORM TO SITE CONDITIONS, PROVIDED REQUIRE VOLUME IS MAINTAINED. MINIMUM L = 2W.
5. PRIMARY SPILLWAY OUTLET STRUCTURE MAY BE CONVENTIONAL RISER TYPE (AS SHOWN) OR "SKIMMER" DEVICE, AS APPROVED. SEE THE APPROPRIATE STANDARD DETAILS FOR OUTLET STRUCTURE CONSTRUCTION.

422

TRIANGULAR SILT DIKE INSTALLED ON CONCRETE OR ASPHALT



NOTES:
1. IF THE SURFACE AREA IS CONCRETE, ADHESIVES SUCH AS LIQUID NAIL OR SAND BAGS SHALL BE USED. IF IT IS AN ASPHALT SURFACE, A RUBBERIZED ASPHALT EMULSION CAN BE USED. THE TACKING AGENT MUST BE APPLIED UNDER THE FULL LENGTH OF THE BARRIER SECTION AND THE APRON.
2. DIKES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING.
3. FABRIC COVER AND SKIRT SHALL BE CONTINUOUS WRAPPING OF GEOTEXTILE. THE SKIRT SHALL BE A CONTINUOUS EXTENSION OF THE UPSTREAM FABRIC.
4. FILTER MATERIAL SHALL BE LAPPED OVER ENDS 6" TO COVER DIKE-TO-DIKE JOINTS. JOINTS SHALL BE FASTENED WITH GALVANIZED SHOAT RINGS.
5. INSPECTION SHALL BE MADE WEEKLY OR AFTER EACH RAINFALL EVENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS REQUIRED.
6. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 4" AND DISPOSED OF IN A MANNER WHICH WILL NOT CAUSE ADDITIONAL SILTATION.
7. AFTER THE DEVELOPMENT SITE IS COMPLETELY STABILIZED, THE DIKES AND ANY REMAINING SILT SHALL BE REMOVED. SILT SHALL BE DISPOSED OF AS INDICATED IN NOTE #6 ABOVE.

430

STANDARD DETAILS: EROSION CONTROL - SHEET 2 OF 3

PROJECT TITLE: _____

DEPARTMENT: WRM REVISIONS: AF-06-13-07

SCALE: 1/2" = 1'-0" BS-10-05-07

DRAWN BY: BSGM DCM 2010

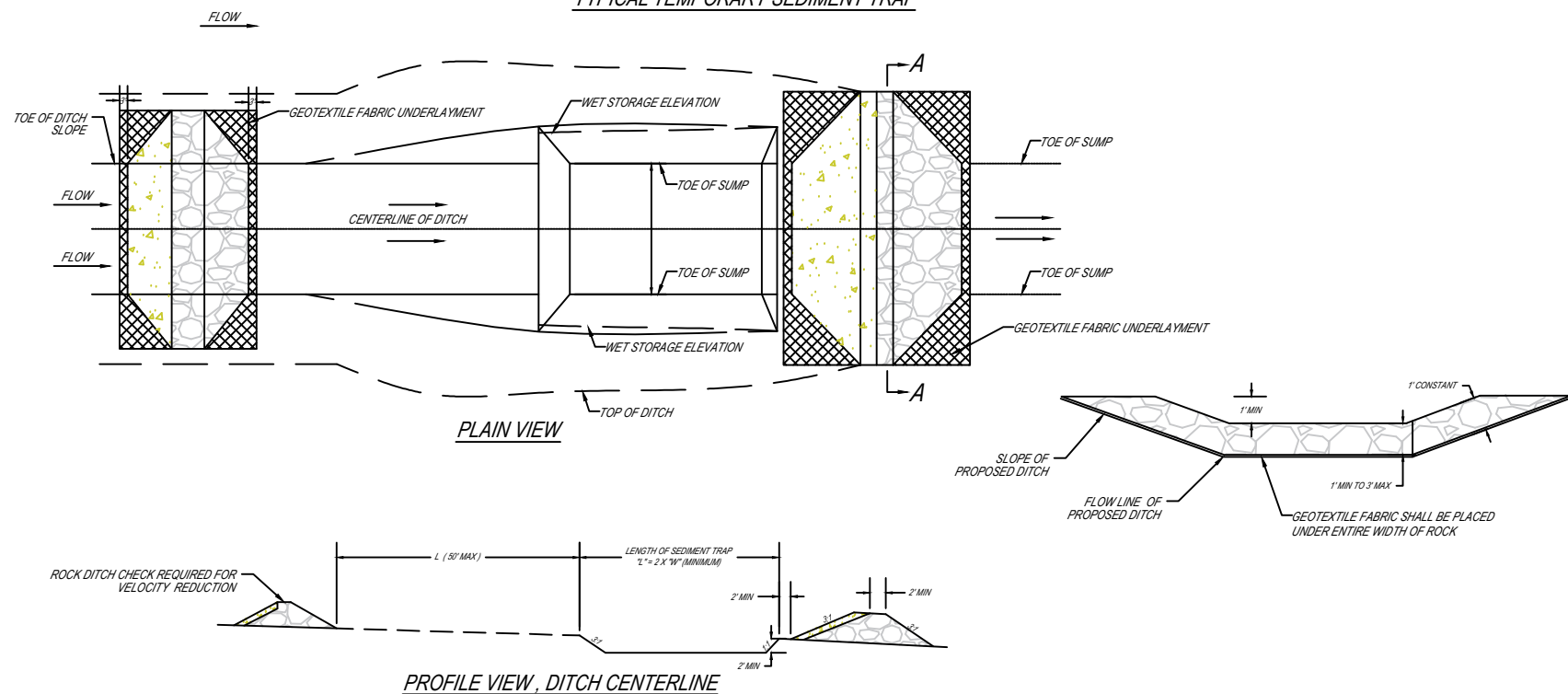
REVIEWED BY: _____

APPROVED BY: MD JC-12-2012

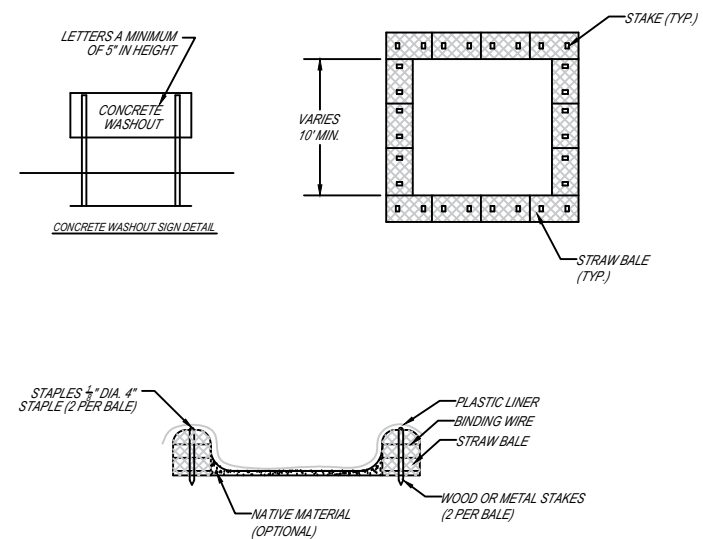
IMPLEMENTED: 02/2007 MW-12-2011

City of Auburn

TYPICAL TEMPORARY SEDIMENT TRAP



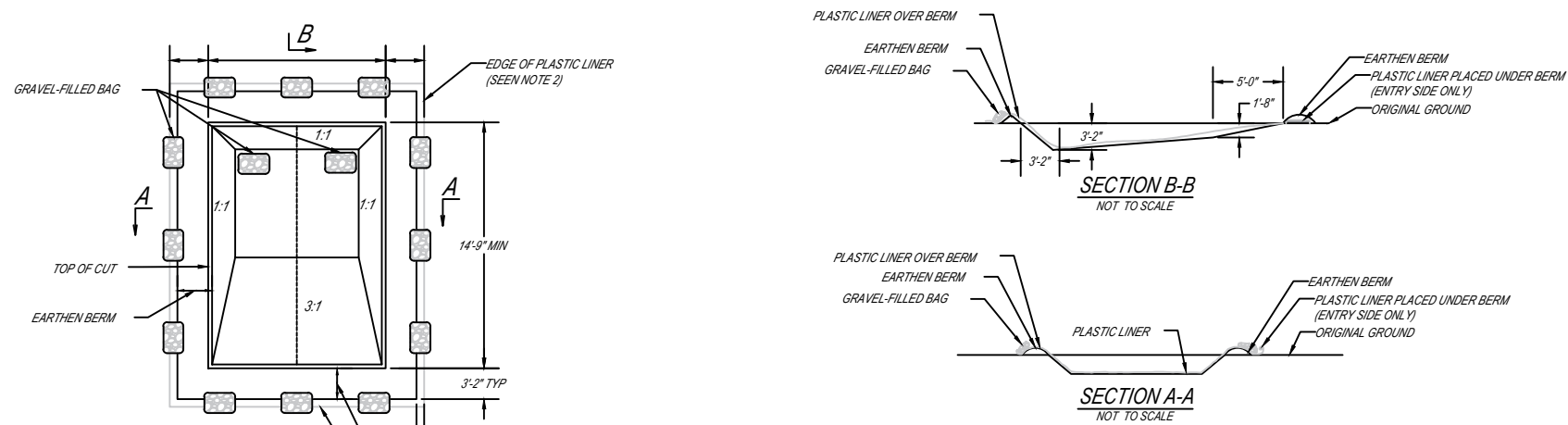
TYPICAL STRAW BALE BARRIER CONCRETE WASHOUT



- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
 2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF TEMPORARY CONCRETE WASHOUT FACILITY.
 3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
 4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
 5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
 6. MUST BE LINED WITH A 10-MIL OR THICKER PLASTIC LINER.

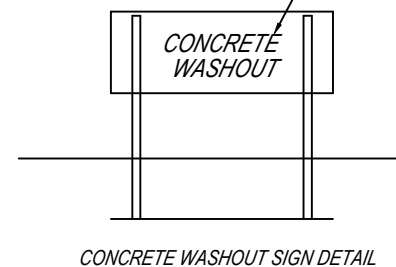
436

TYPICAL EXCAVATED PIT CONCRETE WASHOUT



- NOTES:**
1. ACTUAL LAYOUT DETERMINED IN FIELD.
 2. INSTALL CONCRETE WASHOUT SIGN (24"X24", MINIMUM) WITHIN 30' OF TEMPORARY CONCRETE WASHOUT FACILITY.
 3. TEMPORARY WASHOUT AREA MUST BE AT LEAST 50' FROM STORM DRAIN, CREEK BANK OR PERIMETER CONTROL.
 4. CLEAN OUT CONCRETE WASHOUT AREA WHEN 50% FULL.
 5. THE KEY TO FUNCTIONAL CONCRETE WASHOUTS IS WEEKLY INSPECTIONS, ROUTINE MAINTENANCE, AND REGULAR CLEAN OUT.
 6. MUST BE LINED WITH A 10-MIL OR THICKER PLASTIC LINER.

LETTERS A MINIMUM OF 5" IN HEIGHT



STANDARD DETAILS: EROSION CONTROL - SHEET 3 OF 3

PROJECT TITLE:	DEPARTMENT:	WRM REVISIONS:	AF-06-13-07
	SCALE:	INT.S:	BS-10-05-07
	DRAWN BY:	BSGM:	DCM 2010
	REVIEWED BY:	JC-12-2012	
	APPROVED BY:	MD:	MW-12-2012
	IMPLEMENTED:	02/2007	

City of Auburn