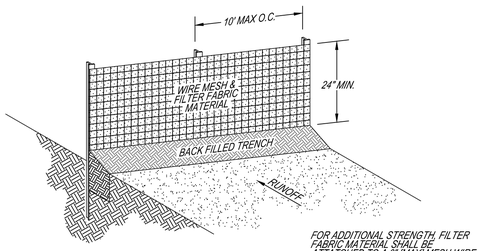
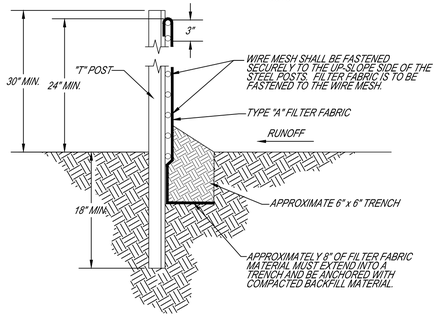
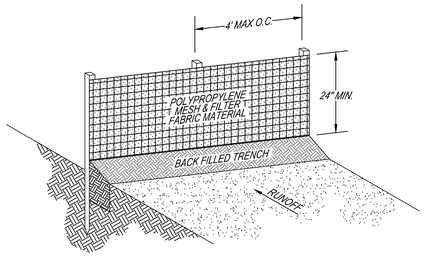
SILT FENCE W/ WIRE MESH (ALDOT TYPE A)

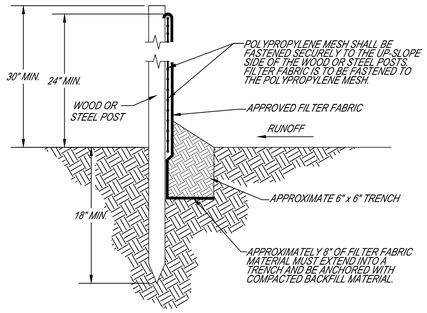


FOR ADDITIONAL STRENGTH, FILTER FABRIC MATERIAL SHALL BE ATTATCHED TO A 6" (MAX) MESH WIRE WHICH HAS BEEN FASTENED TO THE POSTS.

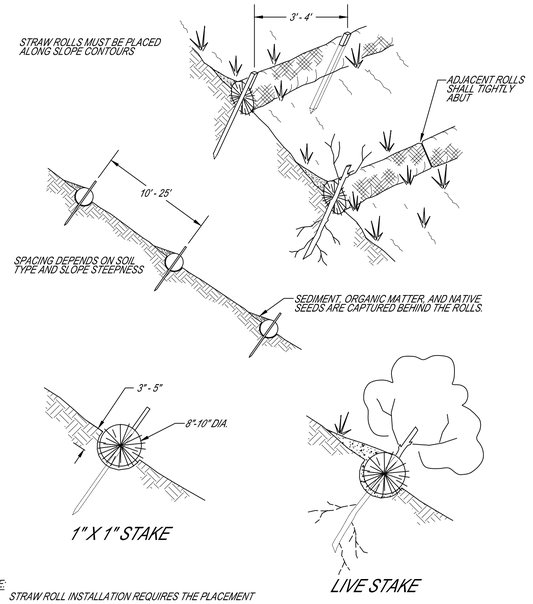


SILT FENCE W/ POLYPROPYLENE MESH (GDOT TYPE C)



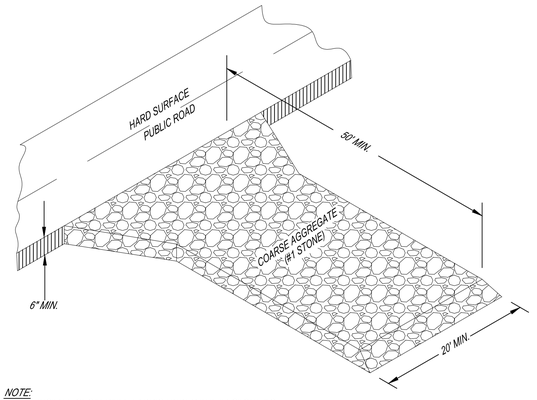


STRAW ROLL



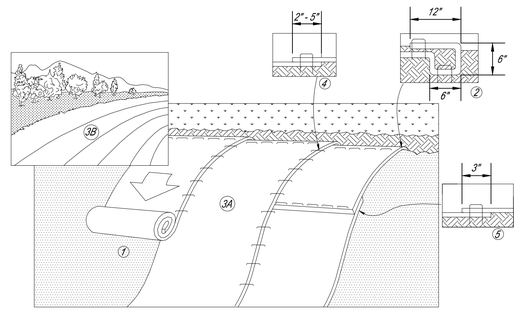
NOTE:
1. STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.

CONSTRUCTION EXIT PAD (CEP)



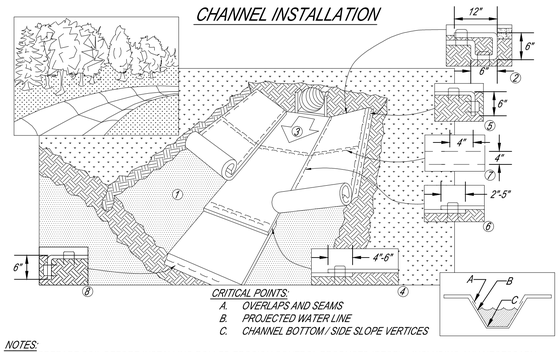
NOTE:
1. INSTALL GEOTEXTILE FABRIC UNDER THE #1 STONE TO EXTEND THE LIFE OF THE ENTRANCE.

SLOPE INSTALLATION



NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE RECP's IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL THE RECP's (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT.SYSTEM , STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL RECP's MUST BE STAPLED WITH APPROXIMATELY 2" - 5" OVERLAP DEPENDING ON RECP's TYPE.
5. CONSECUTIVE RECP's SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE RECP's WIDTH.
6. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE RECP's.
7. RECPS SHALL BE IDENTIFIED AND DESIGNED ACCORDING TO THE CLASSIFICATION DESIGNATION GIVEN IN TABLES ECB-1, ECB-2, ECB-3, AND ECB-4 OF THE ALABAMA HANDBOOK FOR EROSION CONTROL SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (LATEST EDITION).

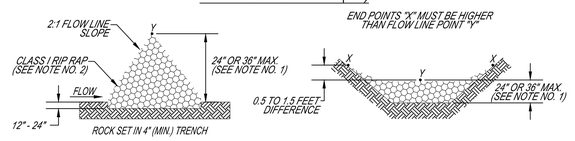
CHANNEL INSTALLATION



CRITICAL POINTS:
- A. OVERLAPS AND SEAMS
- B. PROJECTED WATER LINE
- C. CHANNEL BOTTOM / SIDE SLOPE VERTICES

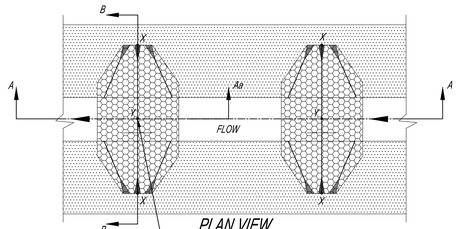
NOTES:
1. PREPARE SOIL BEFORE INSTALLING ROLLED EROSION CONTROL PRODUCTS (RECP's), INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED.
2. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE RECP's IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF RECP's EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE RECP's WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF RECP's BACK OVER SEED AND COMPACTED SOIL. SECURE RECP's OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE RECP's.
3. ROLL CENTER RECP's IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. RECP's WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL RECP's MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING THE DOT.SYSTEM , STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. PLACE CONSECUTIVE RECP's END OVER END (SHINGLE STYLE) WITH A 4" - 6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE RECP's.
5. FULL LENGTH EDGE OF RECP's AT TOP OF SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
6. ADJACENT RECP's MUST BE OVERLAPPED APPROXIMATELY 2" - 5" (DEPENDING ON RECP's TYPE) AND STAPLED.
7. IN HIGH FLOW CHANNEL APPLICATIONS, A STAPLE CHECK SLOT IS RECOMMENDED AT 30 TO 40 FOOT INTERVALS. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER OVER ENTIRE WIDTH OF THE CHANNEL.
8. THE TERMINAL END OF THE RECP's MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
9. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY ANCHOR THE RECP's.
10. HORIZONTAL STAPLE SPACING SHOULD BE ALTERED IF NECESSARY TO ALLOW STAPLES TO SECURE THE CRITICAL POINTS ALONG THE CHANNEL SURFACE.
11. RECPS SHALL BE IDENTIFIED AND DESIGNED ACCORDING TO THE CLASSIFICATION DESIGNATION GIVEN IN TABLES ECB-1, ECB-2, ECB-3, AND ECB-4 OF THE ALABAMA HANDBOOK FOR EROSION CONTROL SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (LATEST EDITION).

TYPICAL CHECK DAM (CD)



SIDE PROFILE SECTION A - Aa

FRONT PROFILE SECTION B - B



PLAN VIEW

SIDE PROFILE SECTION A - A

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.

D-50 OF ROCK (INCHES)	DOWNSTREAM FLOWLINE SLOPE OF STRUCTURE (FT/FT)					
	0.35	0.30	0.25	0.20	0.15	0.10
	MAXIMUM WATER DEPTH OVER ROCK (INCHES)					
3	0.8	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

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.
4. BMP'S 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 CREDEINTIALED PROFESSIONAL (QCP) / QUALIFIED CREDENTIALED INSPECTOR (QCI) INSPECTION REPORTS SHALL BE SUBMITTED TO THE CITY OF AUBURN WATER RESOURCE MANAGEMENT DEPARTMENT, ATTN: WATERSHED DIVISION, 1501 WEST SAMFORD AVENUE, AUBURN, ALABAMA 36832.
5. 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.
6. THESE STANDARD DETAILS SHALL BE APPLICABLE TO ALL LAND DISTURBING ACTIVITIES AND ATTACHED TO THE RELEVANT SITE PLAN AND/OR SUBDIVISION DRAWINGS.
7. 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.
8. SILT FENCE: REMOVE ACCUMULATED SEDIMENT WHEN DEPTH REACHES 1/4" THE HEIGHT OF THE BARRIER.

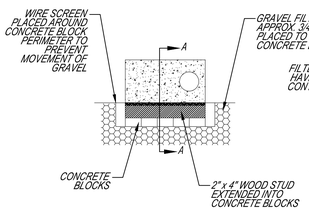
STANDARD DETAILS: EROSION CONTROL - SHEET 1 of 2

PROJECT TITLE:

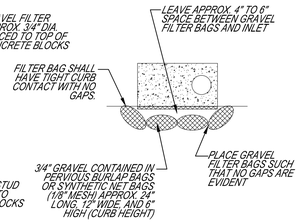
City of Auburn

DEPARTMENT:	WRM	REVISIONS:	AF-06-13-07
SCALE:	N.T.S.		BS-10-05-07
DRAWN BY:	BS/GM		DCM 2010
REVIEWED BY:			JC-12-2012
APPROVED BY:	MD		
IMPLEMENTED:	02/2003		

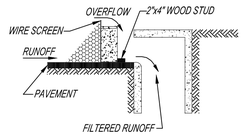
TYPICAL CURB INLET GRAVEL FILTER



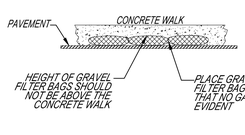
CONCRETE BLOCK FILTER
PLAN VIEW



GRAVEL FILTER BAGS
PLAN VIEW



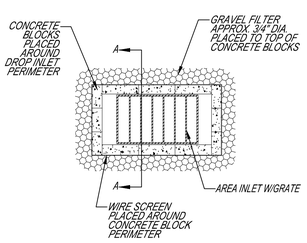
CONCRETE BLOCK FILTER
PROFILE SECTION A-A



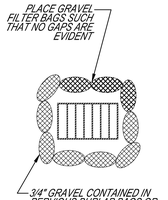
GRAVEL FILTER BAGS
PROFILE VIEW

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

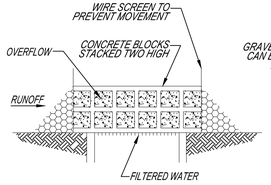
TYPICAL EXCAVATED DROP INLET PROTECTION (EIP)



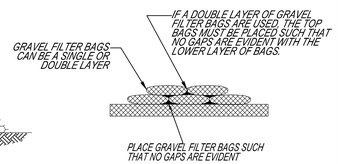
CONCRETE BLOCK FILTER
PLAN VIEW



GRAVEL FILTER BAGS
PLAN VIEW



CONCRETE BLOCK FILTER
PROFILE SECTION A-A

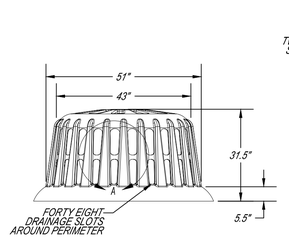


GRAVEL FILTER BAGS
PROFILE VIEW

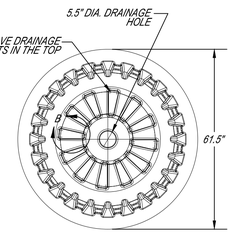
NOTE:
1. GRAVEL FILTERS CAN BE USED ON PAVEMENT OR BARE GROUND.

SILT-SAVER ROUND FRAME

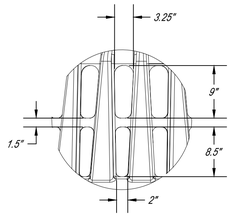
P/N SS-100



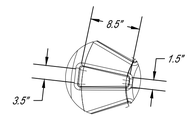
PROFILE VIEW



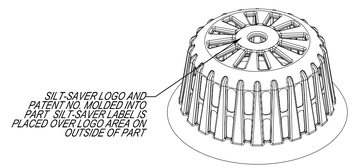
PLAN VIEW



DETAIL A



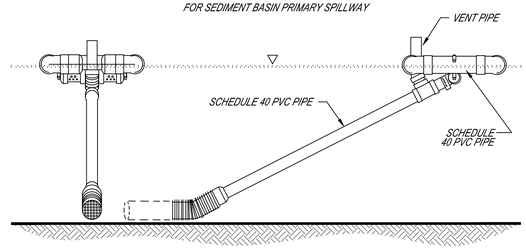
DETAIL B

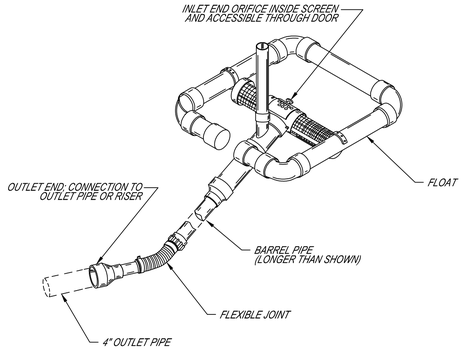


ISOMETRIC VIEW

"SKIMMER" OUTLET STRUCTURE

FOR SEDIMENT BASIN PRIMARY SPILLWAY

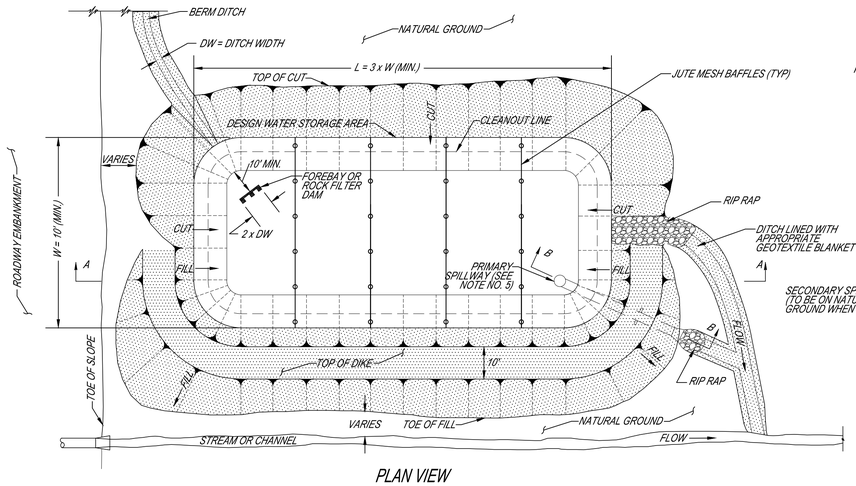




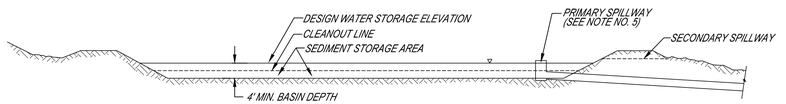
NOTES:
1. THE MOST IMPORTANT DESIGN PARAMETER IS THE CONTROL OF ORIFICE SIZE, WHICH CAN CONTROL THE DESIRED DEWATERING TIME. THE LONGER THE DEWATERING TIME, THE BETTER THE QUALITY OF WATER DISCHARGED FROM THE SEDIMENT BASIN.
2. SKIMMER DESIGN BY: W. FAIRCLOTH, PATENT # 5,820,751
3. SKIMMER SHALL BE DESIGNED IN ACCORDANCE WITH THE ALABAMA HANDBOOK FOR EROSION CONTROL, SEDIMENT CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS (LATEST EDITION).

TYPICAL SEDIMENT BASIN

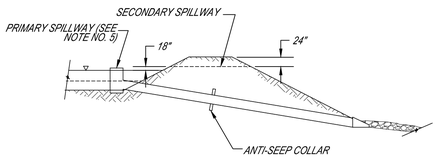
FOR USE OUTSIDE NATURAL CHANNELS



PLAN VIEW



PROFILE SECTION A-A



PROFILE SECTION B-B

LOCATION	SIDE	REQUIRED VOLUME	BASIN DEPTH	W AT DEPTH SHOWN	L	PRIMARY SPILLWAY D_S	PRIMARY SPILLWAY D_O	SECONDARY SPILLWAY WIDTH
		CU. FT.	FT.	FT.	FT.	IN.	IN.	FT.

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 BASINS.
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.

STANDARD DETAILS: EROSION CONTROL - SHEET 2 of 2

PROJECT TITLE:

City of Auburn

DEPARTMENT:	WRM	REVISIONS:	AF-06-13-07
SCALE:	N.T.S.		BS-10-05-07
DRAWN BY:	BS/GM		DCM 2010
REVIEWED BY:			JC-12-2012
APPROVED BY:	MD		
IMPLEMENTED:	02/2003		