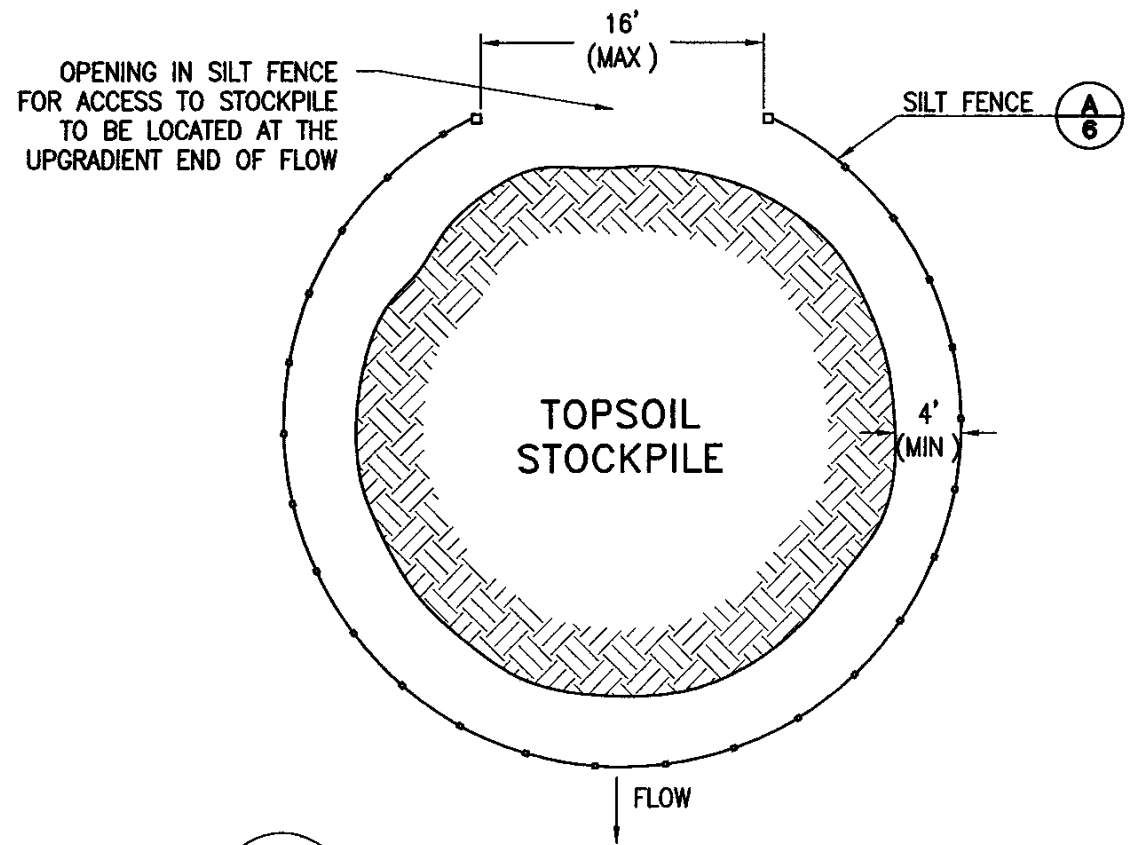
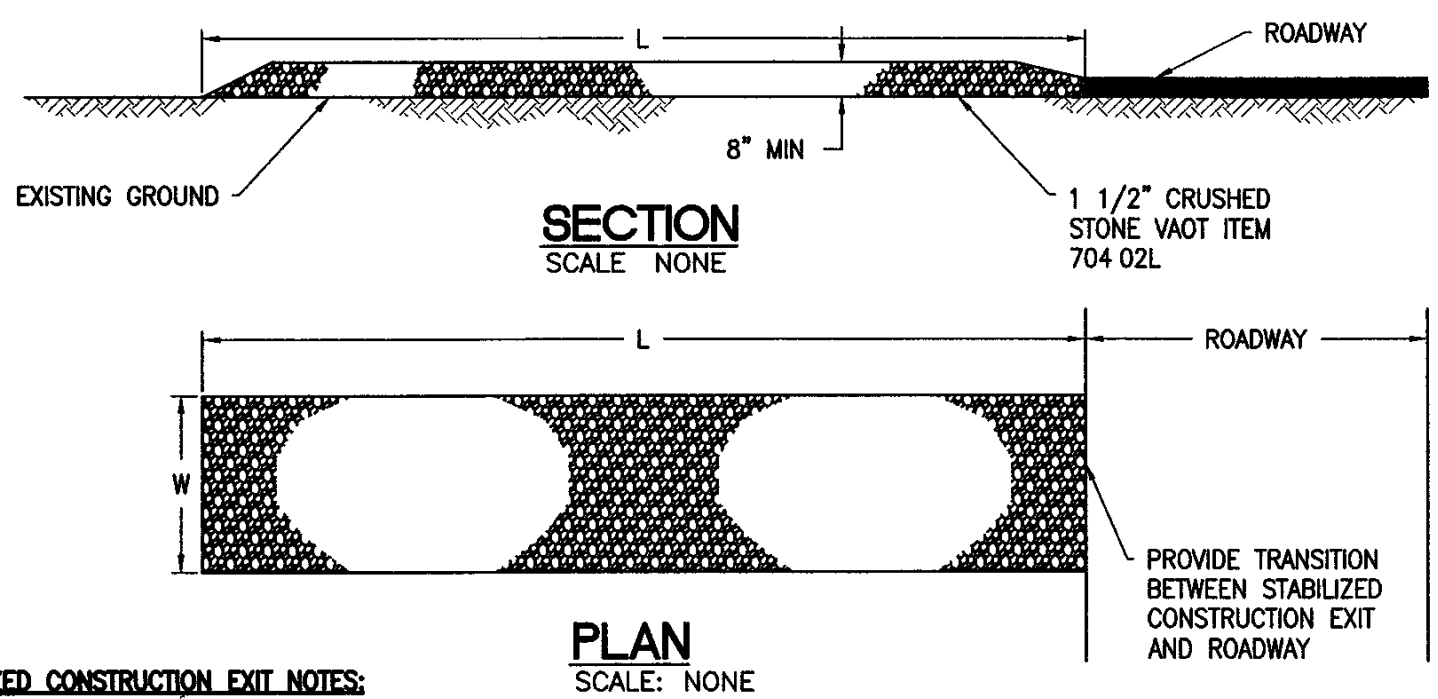


- SILT FENCE NOTES:**
- SILT FENCE SHALL BE PRE-FABRICATED EROSION CONTROL FENCE BY MIRAFI OR APPROVED EQUAL
 - INSTALL WHERE SHOWN ON PLANS. THE FENCE SHALL BE INSTALLED PARALLEL TO CONTOURS WHERE POSSIBLE. THE ENDS OF THE FENCE SHOULD BE CURVED UPHILL TO PREVENT FLOW AROUND THE ENDS
 - SECTIONS OF THE SILT FENCE SHALL BE JOINED TO OVERLAP BY FOLDING FABRIC AROUND EACH POST ONE FULL TURN. DRIVE POSTS TIGHTLY TOGETHER AND SECURE TOPS OF POSTS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OR BUILT-UP SEDIMENT AT JOINT
 - INSPECT ALL SILT FENCE AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EACH RAINFALL. MAINTENANCE SHALL BE PERFORMED AS NEEDED, AND SEDIMENT REMOVED WHEN SEDIMENT REACHES 1/3 HEIGHT OF SILT FENCE
 - UPON FINAL STABILIZATION OF THE AREA UPHILL OF THE FABRIC, THE FABRIC SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER

A
6 TEMPORARY SILT FENCE DETAIL
SCALE: NOT TO SCALE

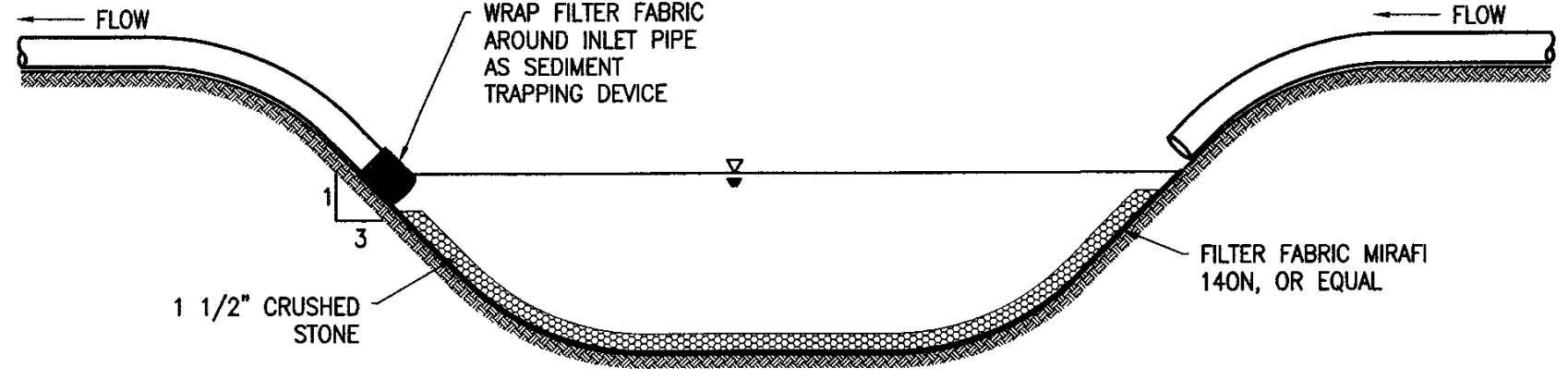


D
6 TOPSOIL STOCKPILE DETAIL
SCALE: NONE

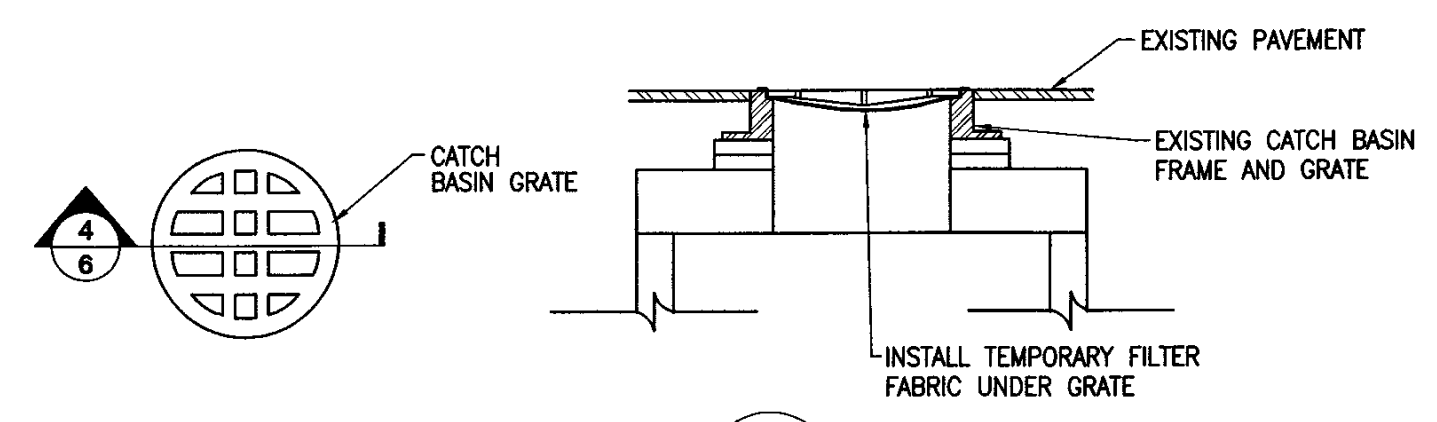


- STABILIZED CONSTRUCTION EXIT NOTES:**
- LENGTH (L) SHALL BE 40' MINIMUM WHERE SUFFICIENT SPACE IS AVAILABLE
 - WIDTH (W) SHALL NOT BE LESS FULL WIDTH OF ALL POINTS OF INGRESS AND EGRESS
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO ROADWAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE, WHICH DRAINS INTO APPROVED SEDIMENT TRAP OR SEDIMENT BASIN. ALL SEDIMENT SHALL BE PREVENTED FROM ENTERING ANY STORM DRAIN, DITCH, OR WATERCOURSE THROUGH USE OF METHODS AS APPROVED BY THE ENGINEER
 - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, OR WASHED ONTO PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.

F
6 STABILIZED CONSTRUCTION EXIT
SCALE: NONE



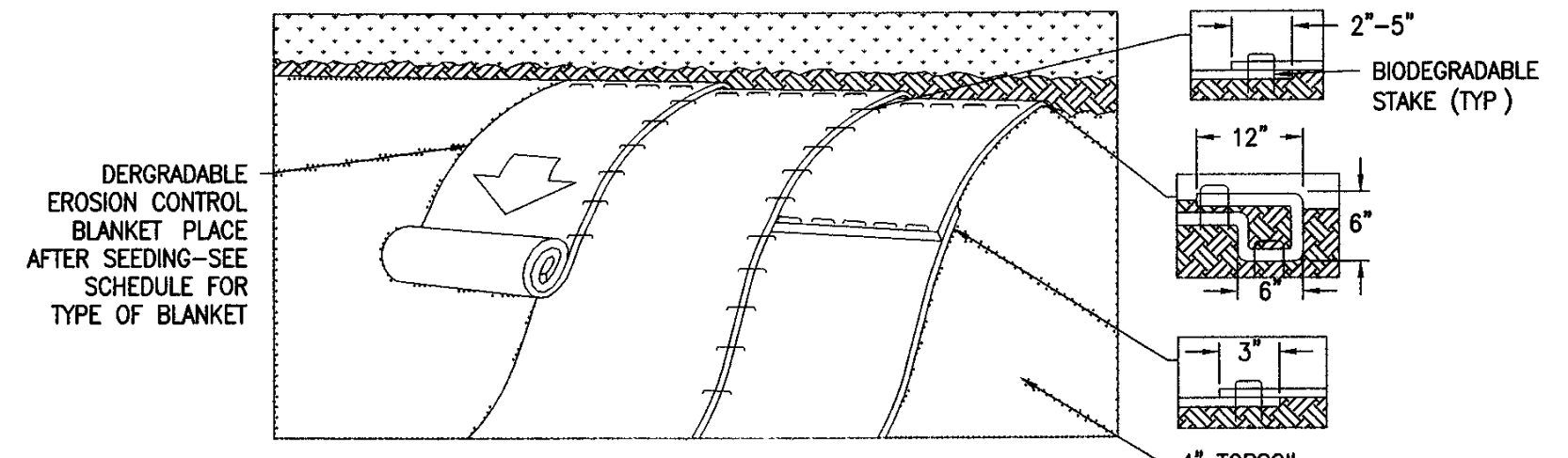
B
6 TEMPORARY SEDIMENT BASIN DETAIL
SCALE: NONE



4
6 SECTION
SCALE: NONE

- TEMPORARY INLET PROTECTION NOTES:**
- UNDERGRATE FABRIC INLET PROTECTION SHALL ONLY BE USED WHERE SHOWN ON PLANS. IT SHOULD ONLY BE USED FOR EXISTING CATCH BASINS IN EXISTING PAVED AREAS FOR LINEAR PIPELINE PROJECTS WHERE AMOUNT OF SEDIMENT RUN OFF IS MINIMAL AND DURATION OF CONSTRUCTION IS SHORT
 - LIFT THE GRATE AND INSTALL FILTER FABRIC (MIRAFI 140NL OR EQUAL) OVER THE FRAME, AND THEN SET GRATE BACK IN PLACE
 - INSPECT EACH INLET AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER EVERY RAINFALL. REPAIR AND REPLACEMENT OF INLET PROTECTION SHALL BE MADE AT TIME OF INSPECTION
 - UPON STABILIZATION OF THE AREA UPSTREAM FROM THE INLET, THE PROTECTION SHALL BE REMOVED WITH THE APPROVAL OF THE ENGINEER

E
6 TEMPORARY FABRIC UNDER GRATE INLET PROTECTION DETAIL
SCALE: NOT TO SCALE



- DEGRADABLE BLANKET SLOPE STABILIZATION NOTES:**
- INSTALL WHERE SHOWN ON PLANS
 - CONTRACTOR SHALL USE BIODEGRADABLE STAKES FOR FASTENERS. WIRE STAPLES ARE NOT ACCEPTABLE
 - PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED
 - BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF BIODEGRADABLE STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAKING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF BIODEGRADABLE STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET
 - BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING BIODEGRADABLE STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM, BIODEGRADABLE STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN
 - THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"-5" OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET
 - CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE BLANKET WIDTH
 - IN LOOSE SOIL CONDITIONS, THE USE OF STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS

DEGRADABLE EROSION CONTROL BLANKET SCHEDULE

TYPE	SLOPE (X)	BLANKET DESCRIPTION	MODEL NO
A	4:1-3:1	SINGLE NET STRAW BLANKET	NORTH AMERICAN GREEN S75 OR EQUAL
B	3:1-2:1	DOUBLE NET STRAW BLANKET	NORTH AMERICAN GREEN S150 OR EQUAL
C	2:1-1:1	DOUBLE NET BLANKET 70% STRAW/30% COCONUT	NORTH AMERICAN GREEN SC150 OR EQUAL
D	1:1 OR GREATER	DOUBLE NET COCONUT BLANKET	NORTH AMERICAN GREEN SC125 OR EQUAL

C
6 DEGRADABLE EROSION CONTROL BLANKET SLOPE STABILIZATION DETAIL
SCALE: NONE

- EROSION CONTROL NOTES:**
- EROSION CONTROL MEASURES ARE TO BE IMPLEMENTED PRIOR TO PERFORMING ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE CONSTRUCTION ENGINEER. THE MEASURES SHALL BE MAINTAINED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE CONSTRUCTION ENGINEER. THE CONTRACTOR SHALL INSTALL ALL TEMPORARY EROSION PREVENTION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL PROVIDE ANY ADDITIONAL MEASURES DETERMINED NECESSARY IN THE FIELD
 - SILT FENCE SHALL BE INSTALLED, AS SHOWN ON THE CONTRACT DRAWINGS PRIOR TO ANY EARTHWORK DOWNSTREAM OF THE DISTURBED AREA AND AS DIRECTED BY THE CONSTRUCTION ENGINEER. THE SILT FENCE SHALL BE MAINTAINED AND CLEANED UNTIL THE UPSTREAM DISTURBED AREA HAS BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE CONSTRUCTION ENGINEER. WHERE POSSIBLE NATURAL DRAINAGE WAYS SHALL BE UTILIZED AND LEFT OPEN TO REMOVE EXCESS SURFACE WATER
 - STONE CHECK DAMS SHALL BE INSTALLED IN DRAINAGE SWALES, AS SHOWN ON THE CONTRACT DRAWINGS AND AS DIRECTED BY THE CONSTRUCTION ENGINEER. CHECK DAMS SHALL BE INSTALLED IMMEDIATELY FOLLOWING DISTURBANCE OF THE DRAINAGE SWALE AND SHALL BE MAINTAINED UNTIL THE UPSTREAM DISTURBED AREA IS PERMANENTLY STABILIZED AND AS DIRECTED BY THE CONSTRUCTION ENGINEER
 - DEGRADABLE EROSION CONTROL BLANKETS SHALL BE INSTALLED ON DISTURBED VEGETATED SLOPES THAT HAVE SLOPES GREATER THAN 4:1. THE CONTRACTOR SHALL INSTALL THE DEGRADABLE EROSION CONTROL BLANKETS PER MANUFACTURER'S RECOMMENDATIONS
 - PROPER EROSION CONTROLS SHALL BE PROVIDED AROUND STOCKPILED EXCAVATED MATERIALS. THESE CONTROLS MAY INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING METHODS OF EROSION PREVENTION AND SEDIMENT CONTROL: PERIMETER SILT FENCE, INTERCEPTOR DRAINAGE DITCHES, VELOCITY REDUCTION DAMS IN DRAINAGE DITCHES, TEMPORARY BANK PROTECTION SUCH AS RIPRAP, MATTING, OR ARTIFICIAL COVERING, STONE CHECK DAM CONTROL SYSTEMS, SPECIAL STOCKPILING METHODS, AND WATER BARS
 - THE CONTRACTOR SHALL PROVIDE A MECHANICAL SWEEPER AND SHALL SWEEP CLEAN THE ROADS IN THE CONSTRUCTION AREAS AS REQUIRED TO REMOVE ACCUMULATED SEDIMENT AND PREVENT SEDIMENT RUNOFF INTO RECEIVING WATERS AND AS DIRECTED BY THE CONSTRUCTION ENGINEER
 - TEMPORARY EROSION CONTROL MEASURES SHALL BE UTILIZED BY THE CONTRACTOR AS REQUIRED TO PREVENT ANY SEDIMENTATION FROM RUNNING INTO RECEIVING WATERS. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE ANY IMPACT OF THE ON-SITE SURFACE RUNOFF ON THE QUALITY OF THE RECEIVING WATERS
 - THE SMALLEST PRACTICAL AREA OF LAND SHALL BE DISTURBED AT ANY ONE TIME DURING CONSTRUCTION. WHEN LAND IS DISTURBED DURING CONSTRUCTION, THE DISTURBANCE SHALL BE KEPT TO THE SHORTEST PRACTICAL DURATION AS APPROVED BY THE CONSTRUCTION ENGINEER. LAND SHALL NOT BE LEFT DISTURBED DURING THE WINTER MONTHS AND OVERWINTER STABILIZATION MEASURES SHALL BE INSTALLED PRIOR TO OCTOBER 15TH
 - ALL DISTURBED AREAS AND SIDE SLOPES WHICH ARE FINISH GRADED WITH NO FURTHER CONSTRUCTION TO TAKE PLACE SHALL BE TOPSOILED, LIMED, FERTILIZED, SEEDED, AND MULCHED WITHIN 48 HOURS OF FINAL GRADING. A MINIMUM OF 4 INCHES OF TOPSOIL SHALL BE PLACED. THE FOLLOWING APPLICATION RATES SHALL APPLY: 2,000 LBS/ACRE OF LIME, 300 LBS/ACRE OF 10-20-20 FERTILIZER AND 40 LBS/ACRE OF SEED.
 - NO DISTURBED AREAS SHALL BE LEFT UNSEEDING AND UNMULCHED FOR MORE THAN SEVEN (7) DAYS. DISTURBED AREAS WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL FRESHLY SEEDED AREAS AT THE RATE OF 2 TONS PER ACRE. BALES SHALL BE UNSPOILED, AIR DRIED, AND FREE FROM WEED, SEEDS, AND ANY COARSE MATERIAL. CONTRACTOR MAY ALSO USE EROSION MATTING OR OTHER APPROVED METHODS OF TEMPORARY COVER
 - ALL EROSION PREVENTION AND SEDIMENT CONTROL STRUCTURES AND MEASURES SHALL BE INSPECTED BY OR UNDER THE DIRECTION OF THE ON-SITE COORDINATOR AT LEAST EVERY SEVEN (7) CALENDAR DAYS AND AS SOON AS POSSIBLE BUT NO LATER THAN 24 HOURS AFTER ANY STORM EVENT WHICH GENERATES A DISCHARGE OF STORMWATER RUNOFF FROM THE CONSTRUCTION SITE
 - AFTER ALL UPSTREAM DISTURBED AREAS HAVE BEEN PERMANENTLY STABILIZED AND AS DIRECTED BY THE CONSTRUCTION ENGINEER, THE DOWNSTREAM TEMPORARY EROSION CONTROL MEASURES ARE TO BE REMOVED AND THE ACCUMULATED SEDIMENT PROPERLY DISPOSED OF. THE AREA DISTURBED BY THE REMOVAL OF TEMPORARY MEASURES SHALL BE PREPARED, SEEDED, AND MULCHED

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ASSOCIATES

TOWN OF COLCHESTER
COLCHESTER, VERMONT
FORT ETHAN ALLEN
STORMWATER IMPROVEMENTS

EROSION CONTROL DETAILS

NO	DATE	REVISION DESCRIPTION	CHECKED
1	3/08	TOWN AND L&D COMMENTS	JJD
2			
3			
4			
5			
6			
7			
8			
9			
10			
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12			

DESIGNED: RM
DRAWN: JEB
CHECKED: JJD
DATE: OCT 2007

PROJECT NO: 07037
DRAWING NO: 6
SHEET 8