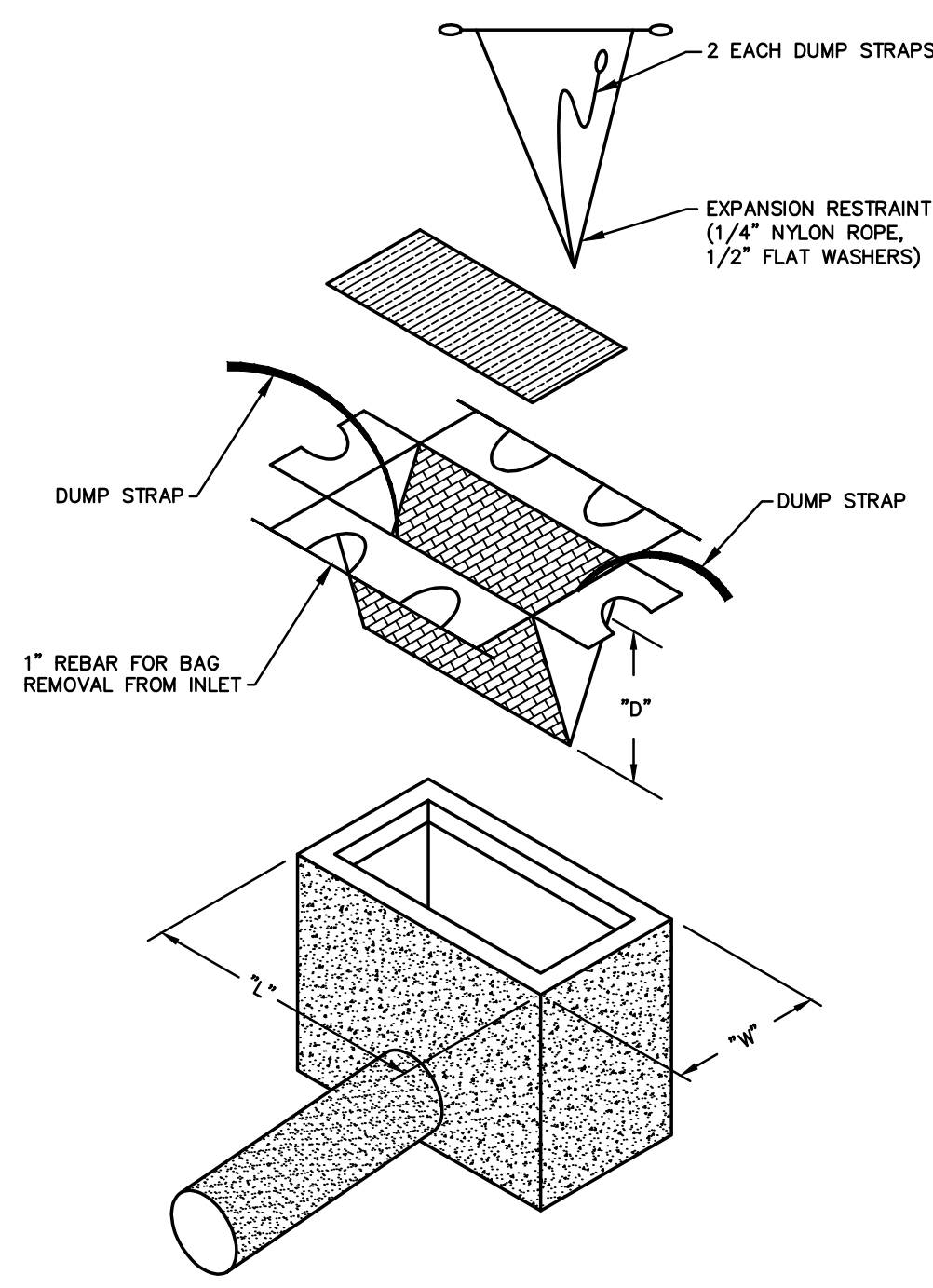
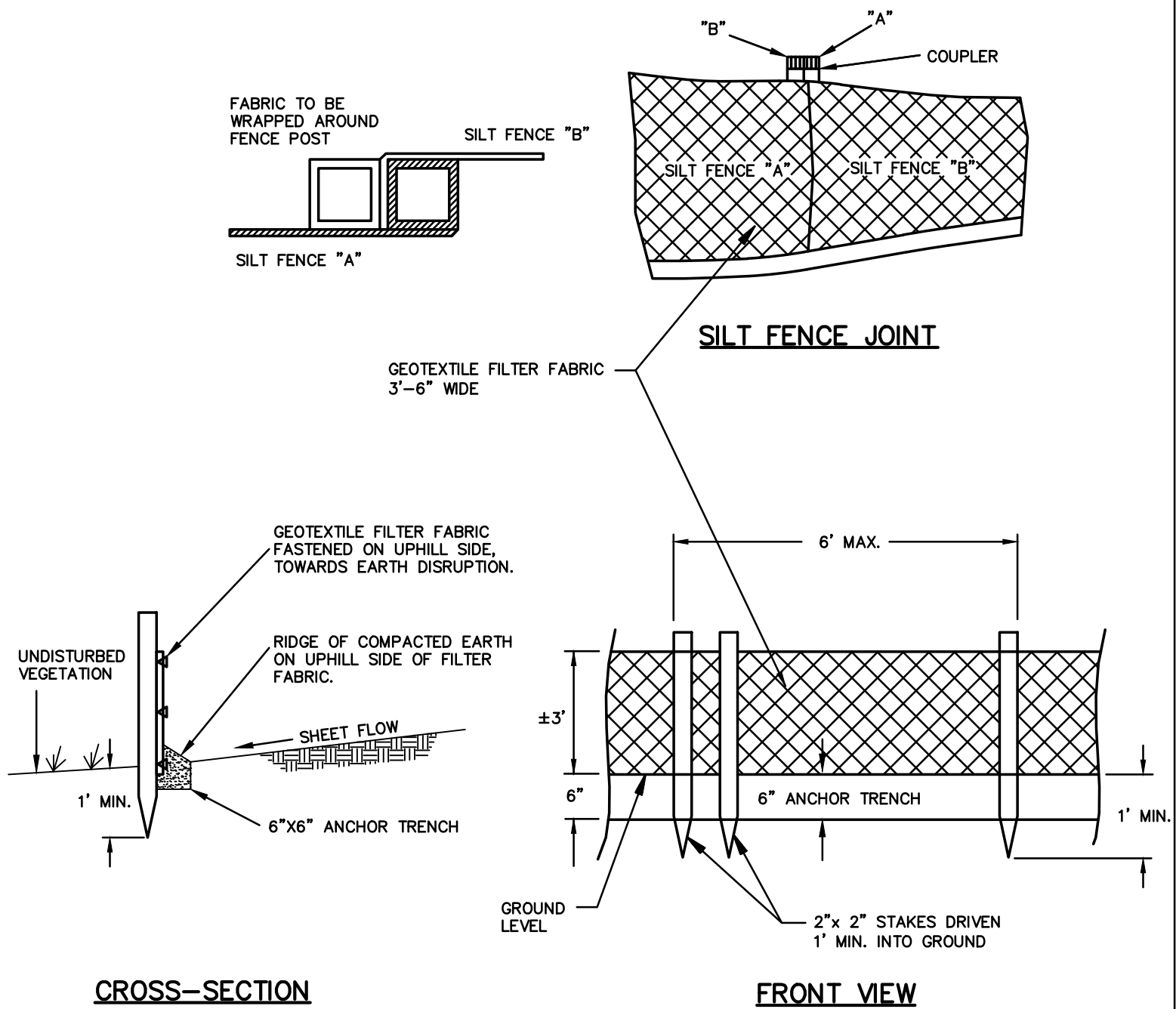


STRAW MULCH EROSION CONTROL BLANKET

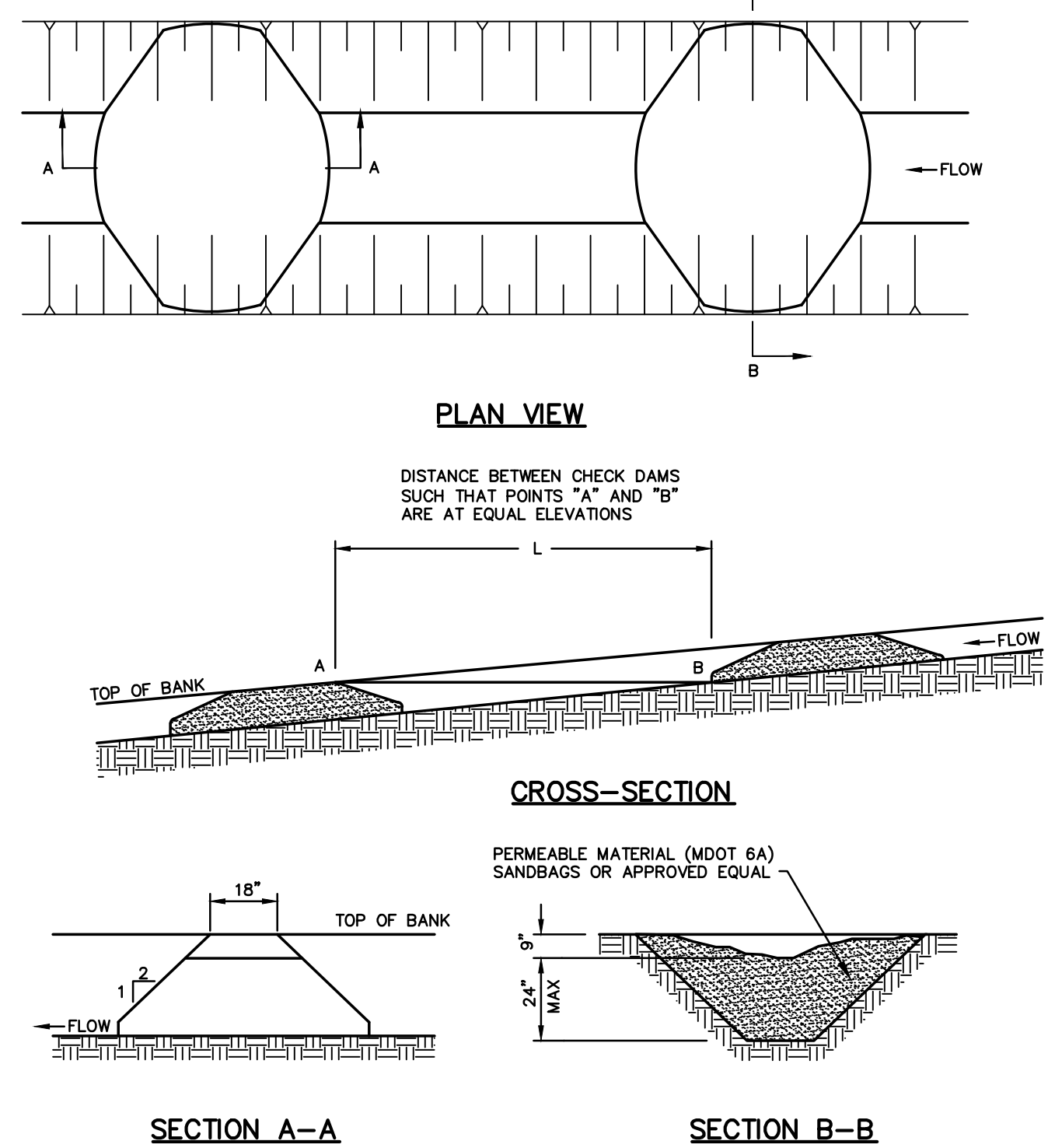
BAG DETAIL
 NOTE: TEMPORARY INLET SEDIMENT FILTER TO BE INSTALLED ON ALL PAVED CATCH BASINS OR STORM INLETS. INLET FILTER TO BE SIMILAR TO "STREAMGUARD" AS MANUFACTURED BY STORMWATER SERVICES CORP. (206-787-0441) OR "SILTSACK" AS MANUFACTURED BY ATLANTIC CONSTRUCTION FABRICS, INC. (800-448-3636). CLEAN FILTER AS NEEDED.



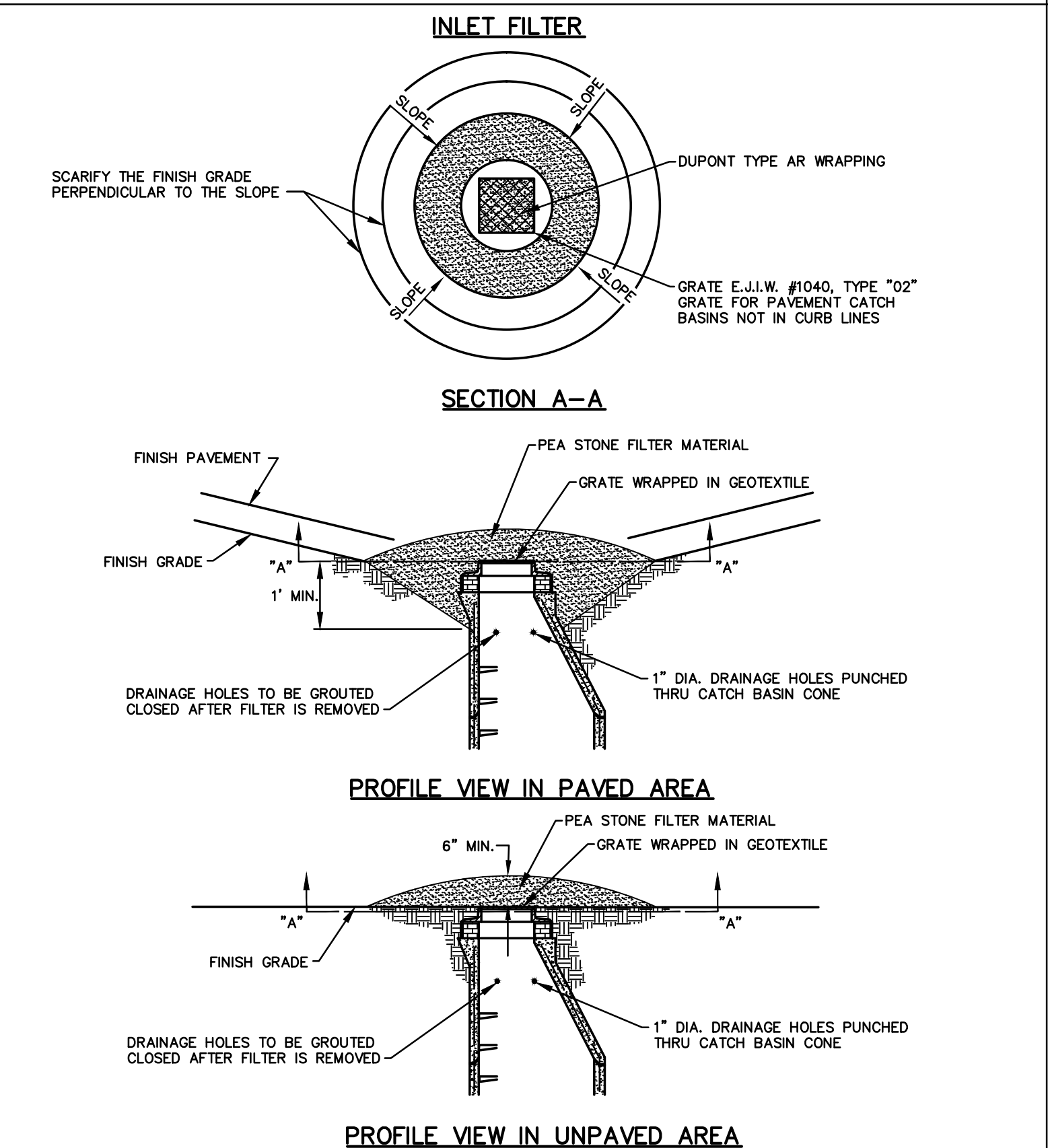
SILTSACK SEDIMENT FILTER DETAIL



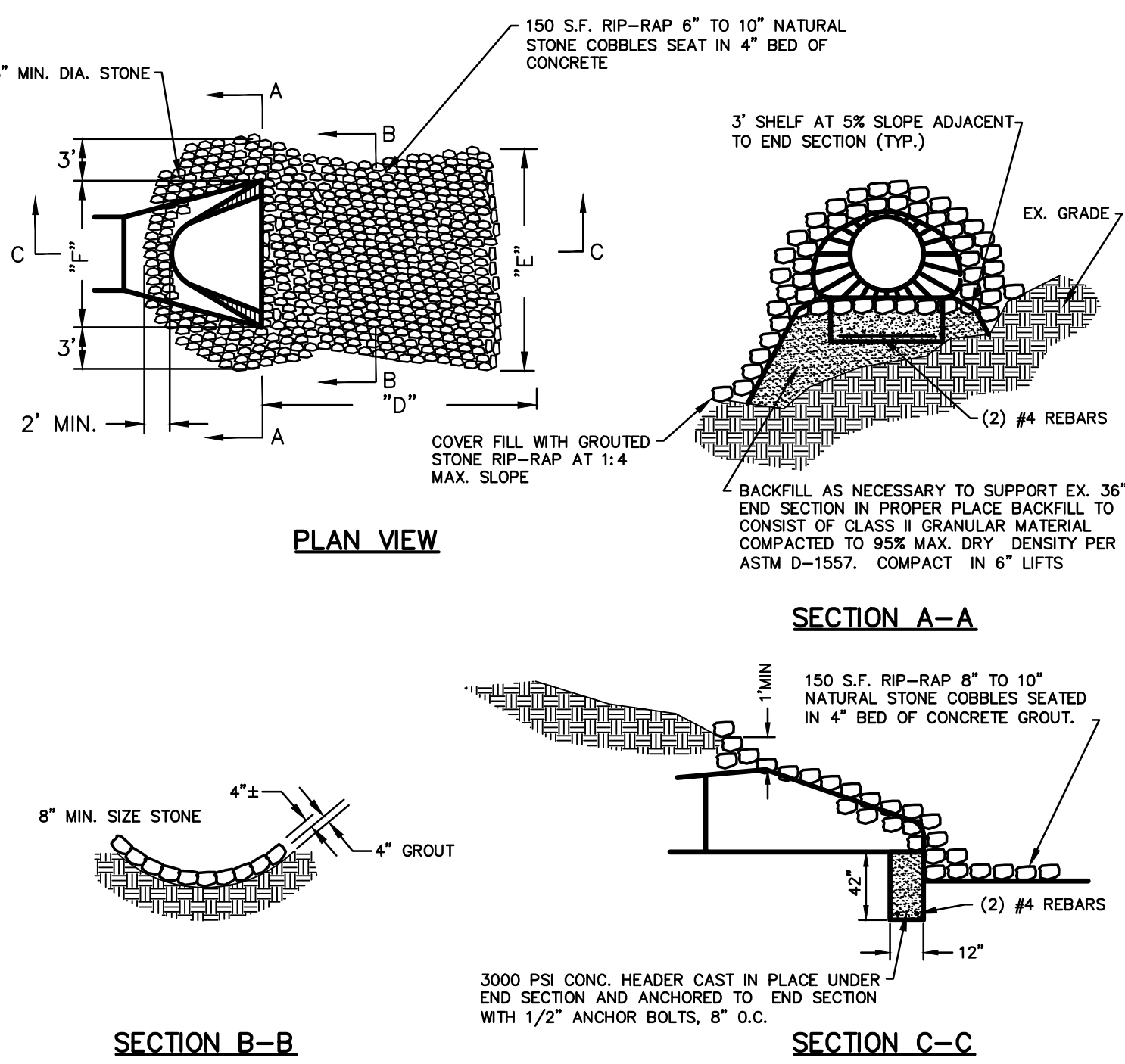
FABRIC SILT FENCE DETAIL



TEMPORARY CHECK DAM DETAIL

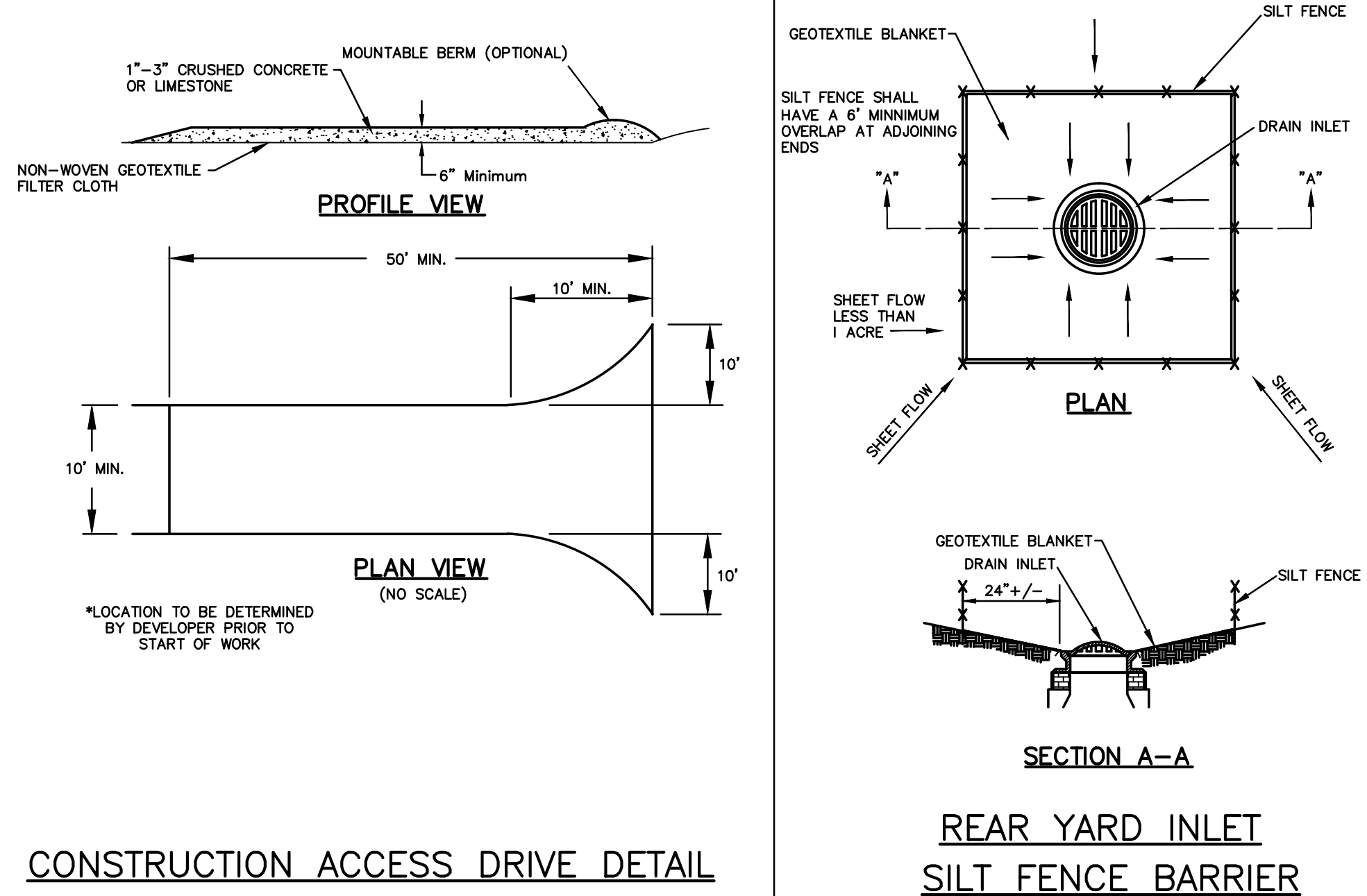


INLET FILTER DETAILS FOR SOIL EROSION & SEDIMENTATION CONTROL



STORM OUTLET DETAIL WITH GROUDED STONE RIP-RAP

PIPE #	"D"	"E"	"F"	SYD
12"	5'-0"	6'-6"	3'-0"	3.7
15"	5'-0"	7'-0"	3'-0"	4.1
18"	5'-0"	7'-6"	3'-6"	4.3
21"	5'-6"	8'-0"	4'-0"	5.4
24"	6'-0"	8'-6"	4'-6"	6.3
27"	6'-6"	9'-0"	5'-0"	7.3
30"	7'-0"	9'-9"	5'-6"	8.4
36"	8'-0"	10'-9"	6'-0"	10.3
42"	9'-0"	11'-9"	6'-6"	12.0
48"	10'-0"	13'-0"	7'-0"	14.2
54"	11'-0"	13'-6"	7'-6"	15.9
60"	12'-0"	14'-0"	8'-0"	17.6



CONSTRUCTION ACCESS DRIVE DETAIL

REAR YARD INLET SILT FENCE BARRIER

SOIL EROSION AND SEDIMENTATION CONTROL MAINTENANCE SCHEDULE AND NOTES:

- ALL MUD, DIRT, AND/OR DEBRIS TRACKED OR SPILLED ONTO ANY PAVED AREAS SHALL BE REMOVED/CLEANED DAILY IN A PROMPT MANNER BY THE CONTRACTOR AND/OR BUILDER. SCRAPING AND/OR SWEEPING OF PAVED AREAS TO REMOVE DEBRIS WILL BE REQUIRED WEEKLY.
- SILT FENCE MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY BUILT-UP SEDIMENT WHEN THE HEIGHT OF THE SEDIMENT ACCUMULATES TO 1/2 TO 2/3 OF THE HEIGHT OF THE FENCE OR IF THE FABRIC BEGINS TO SAG. THE CONTRACTOR IS RESPONSIBLE FOR THE REMOVAL, REPLACEMENT, RETRENCHING AND BACKFILLING OF THE SILT FENCE SHOULD IT FALL OR BE DAMAGED DURING CONSTRUCTION.
- SILT SACK MAINTENANCE SHALL INCLUDE THE REMOVAL OF ANY ACCUMULATED SEDIMENTATION OR OTHER DEBRIS FROM THE SILT SACK. THE REMOVAL OF SEDIMENTATION SHOULD BE ACCOMPLISHED BY USING A STIFF BRISTLE BROOM OR SQUARE POINT SHOVEL. IF SILT SACKS CANNOT BE CLEANED, OR ARE DAMAGED, THEY MUST BE REPLACED ACCORDING TO THE PLANS.
- PERMANENT SOIL EROSION CONTROL MEASURES FOR ALL SLOPES, CHANNELS, DITCHES OR ANY DISTURBED LAND AREA SHALL BE COMPLETED WITHIN 5 CALENDAR DAYS AFTER FINAL GRADING OR FINAL EARTH CHANGES HAVE BEEN COMPLETED. WHEN IT IS NOT POSSIBLE TO PERMANENTLY STABILIZE A DISTURBED AREA AFTER AN EARTH CHANGE HAS BEEN COMPLETED, OR WHERE SIGNIFICANT EARTH CHANGE ACTIVITY CEASED, TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE IMPLEMENTED WITHIN 5 CALENDAR DAYS. ALL TEMPORARY SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT SOIL EROSION CONTROL MEASURES ARE IMPLEMENTED AND /OR ESTABLISHED. ALL PERMANENT SOIL EROSION CONTROL MEASURES WILL BE IMPLEMENTED AND ESTABLISHED BEFORE A CERTIFICATE OF COMPLIANCE IS ISSUED. ALL DRAIN BANKS DISTURBED BY CONSTRUCTION SHALL BE RESTORED WITHIN 5 CALENDAR DAYS AND SOD PEGGED IN PLACE.
- FILTER BARRIERS AND LOW POINT INLET FILTERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
- IF ANY FILTER FABRIC DECOMPOSES OR BECOMES INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE, AND THE BARRIER IS STILL REQUIRED, THE FABRIC SHALL BE REPLACED PROMPTLY. FILTER FENCING WHICH SAGS, FALLS OVER OR IS NOT STAKED IN, SHOULD PROMPTLY BE REPAIRED OR REPLACED.
- ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED, AND SEEDED.
- ALL SOIL EROSION AND SEDIMENTATION CONTROL MEASURES BOTH PERMANENT AND TEMPORARY SHALL BE THE RESPONSIBILITY OF THE PROPERTY OWNER, UNLESS OTHERWISE NOTED. THESE MAINTENANCE RESPONSIBILITIES SHALL BE PART OF ANY FUTURE SALES AGREEMENT.
- EXCAVATED MATERIALS SHALL REMAIN ON-SITE. PARTICULAR CARE SHOULD BE TAKEN WHEN WORKING ALONG THE PERIMETER OF THE SITE. IN NO EVENT SHALL THE WORK AREA EXTEND BEYOND THE LIMITS INDICATED ON THE PLANS.
- ALL SOIL EROSION AND SEDIMENT CONTROL WORK SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS OF WAYNE COUNTY AND THE CITY OF LIVONIA.
- DAILY INSPECTIONS SHALL BE MADE BY THE CONTRACTOR TO DETERMINE EFFECTIVENESS OF THE SOIL EROSION AND SEDIMENTATION CONTROL MEASURES. ANY NECESSARY REPAIRS SHALL BE PERFORMED WITHOUT DELAY.
- EROSION AND/OR SEDIMENT FROM ON-SITE WORK SHALL BE CONTAINED ON THE SITE AND NOT ALLOWED TO COLLECT ON ANY OFF-SITE AREAS, OR IN WATERWAYS. WATERWAYS INCLUDE BOTH NATURAL AND MAN-MADE OPEN DITCHES, STREAMS, STORM DRAINS, LAKES, AND PONDS.
- SOIL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE INSTALLED PRIOR TO, OR AS THE FIRST STEP IN CONSTRUCTION. SECC PRACTICES SHALL BE APPLIED AS A PERIMETER DEFENSE AGAINST THE TRANSPORTING OF SILT OFF-SITE.
- THE CONTRACTOR SHALL APPLY TEMPORARY SOIL EROSION AND SEDIMENTATION CONTROL MEASURES AS REQUIRED, AND AS DIRECTED ON THESE PLANS. TEMPORARY MEASURES SHALL BE REMOVED AS SOON AS PERMANENT STABILIZATION OF SLOPES, DITCHES, AND OTHER EARTH CHANGES HAVE BEEN ACCOMPLISHED AND APPROVED BY THE CITY OF LIVONIA ENGINEERING DIVISION.
- DEBRIS FROM THE PROJECT SITE SHALL BE LEFT ON-SITE BY DELIVERY OR CONSTRUCTION VEHICLES THROUGH THE USE OF CLEAN STONE EXIT(S). SHOULD THE STONE BECOME LESS EFFECTIVE AND/OR EFFICIENT IT SHALL BE REPLACED. ALL CONSTRUCTION TRAFFIC MUST USE THE CLEAN STONE EXIT(S).
- DUST CONTROL SHALL BE EXERCISED AT ALL TIMES WITHIN THE PROJECT BY THE DEVELOPER AND/OR HIS CONTRACTORS. SPRINKLING TANK TRUCKS MUST BE AVAILABLE AT ALL TIMES TO BE USED ON HAUL ROUTES OR OTHER PLACES WHERE DUST MAY BECOME A PROBLEM.
- EARTH EMBANKMENT BRIDGES PLACED OVER NEW PAVEMENT SHALL BE LOCATED ONLY AT PAVEMENT HIGH-POINTS AND SHALL HAVE STRAW BALES PLACED ALONG EACH SIDE OF THE BRIDGE FOR THE WIDTH OF PAVEMENT.
- IMMEDIATELY AFTER SEEDING, ALL SEEDED AREAS SHALL BE MULCHED WITH UNWEATHERED SMALL GRAIN STRAW OR HAY, SPREAD UNIFORMLY AT THE RATE OF 1 1/2 TONS TO 2 TONS PER ACRE OR 100 POUNDS PER 1000 SQUARE FEET. ANCHOR MULCH WITH DISC-TYPE ANCHORING TOOL OR OTHER MEANS APPROVED BY THE CITY OF LIVONIA ENGINEERING DIVISION.