<table>
<thead>
<tr>
<th>TITLE</th>
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<td>DIVERSION CHANNEL, TEMPORARY</td>
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<tr>
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THIS DETAIL (EXCEPT MODIFICATIONS MADE BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
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<thead>
<tr>
<th>TITLE</th>
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</tbody>
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THIS DETAIL (EXCEPT MODIFICATIONS MADE BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.

CITY of WESTMINSTER
4800 WEST 92ND AVENUE
WESTMINSTER, COLO. 80031

DATE: DECEMBER 2010 SHEET EC 2
<table>
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<th>TITLE</th>
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<tr>
<td>VEHICLE TRACKING CONTROL</td>
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<tr>
<td>VEHICLE TRACKING CONTROL WITH WASH RACK</td>
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</tbody>
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THIS DETAIL (EXCEPT MODIFICATIONS MADE BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
EROSION LOG AND BLANKET BARRIER
RESIDENTIAL INSTALLATION

NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE CITY
INLET PROTECTION INSTALLATION NOTES:
1. INLET PROTECTION SHALL BE INSTALLED WITHIN 48 HOURS OF CONSTRUCTING THE INLET.
2. SEE ROCK SOCK DESIGN DETAIL FOR INSTALLATION REQUIREMENTS.
3. CONCRETE "CINDER" BLOCKS SHALL BE LAID ON THEIR SIDES AROUND THE INLET IN A SINGLE ROW ABUTTING ONE ANOTHER WITH THE OPEN END FACING AWAY FROM THE CURB.
4. GRAVEL SOCKS SHALL BE PLACED AROUND THE CONCRETE BLOCKS, CLOSELY ABUTTING ONE ANOTHER AND JOINTED IN ACCORDANCE WITH THE ROCK SOCK DESIGN DETAIL.

THIS DETAIL (EXCEPT MODIFICATIONS MADE BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
NOTES:

1) SOCKS WILL BE USED UPGRADE OF THE INLET AND FLUSH WITH THE CURB.

2) NO LESS THAN TWO 10 INCH DIAMETER SOCKS MUST BE USED IN SEQUENCE, SPACED NO MORE THAN FIVE FEET APART. NO LESS THAN SIX SOCKS SHALL BE USED IF THE 4 INCH SOCK IS USED, ALSO SPACED AT NO MORE THAN 5 FEET APART.

3) ALIGN AT 30 DEGREES FROM PERPENDICULAR, OPPOSITE THE DIRECTION OF FLOW (SEE DETAIL 2.

4) EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE CITY.
INLET PROTECTION INSTALLATION NOTES:

1. INLET PROTECTION AFTER INLET CONSTRUCTION OF AFTER PAVEMENT SHALL BE INSTALLED WITHIN 48 HOUR AFTER INLET CONSTRUCTION OR PAVING IS COMPLETED.

2. STRAW WATTLE/SEDIMENT CONTROL LOGS MAY BE USED IN PLACE OF ROCK SOCKS FOR INLETS IN PERVERIOUS AREAS. INSTALL PER SEDIMENT CONTROL LOG DETAIL.

INLET PROTECTION MAINTENANCE NOTES:

1. THE SWMP MANAGER SHALL INSPECT INLET PROTECTION WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY. INSPECT MORE FREQUENTLY DURING WINTER CONDITIONS DUE TO FREEZE/THAW PROBLEMS. REPAIRS AS NEEDED.

2. SEDIMENT ACCUMULATED UPSTREAM OF INLET PROTECTION SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF ROCK BERM IS WITHIN 2-1/2 INCHES OF THE CREST.

3. INLET PROTECTION IS TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED. UNLESS THE CITY APPROVES EARLIER REMOVAL OF INLET PROTECTION IN STREETS.

4. WHEN INLET PROTECTION AT AREA INLETS IS REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, DRILL SEED SED AND CRIMP MULCHED, OR OTHERWISE STABILIZED IN A MANNER APPRoval BY THE CITY.

THIS DETAIL (EXCEPT MODIFICATIONS MADE BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
NOTES

1. ALL ROCK TO BE REMOVED UPON COMPLETION OF CONSTRUCTION.
2. PUBLIC ROADWAY TO BE KEPT CLEAN AND FREE OF MUD, DIRT AND DEBRIS AT ALL TIMES.
3. EROSION CONTROL MEASURES SHALL BE MAINTAINED AT ALL TIMES AS DIRECTED BY THE CITY.
4. ALTERNATIVE METHODS SUCH AS REINFORCED CONCRETE OR CATTLE CROSSING GUARD "WASH RACKS" CONSTRUCTION MATS OR TURF REINFORCEMENT MATS WILL BE CONSIDERED WITH PRIOR APPROVAL FROM THE CITY.
CONCRETE WASHOUT AREA INSTALLATION NOTES
1. SEE PLAN VIEW FOR LOCATIONS OF CONCRETE WASHOUT AREA
2. THE CONCRETE WASHOUT AREA SHALL BE INSTALLED PRIOR TO ANY CONCRETE PLACEMENT ON SITE.
3. VEHICLE TRACKING CONTROL IS REQUIRED AT THE ACCESS POINT.
4. SIGNS SHALL BE PLACED AT THE CONSTRUCTION ENTRANCE, AT THE WASHOUT AREA, AND ELSEWHERE AS NECESSARY TO CLEARLY INDICATE THE LOCATION OF THE CONCRETE WASHOUT AREA TO OPERATORS OF CONCRETE TRUCKS AND PUMP RIGS.

CONCRETE WASHOUT AREA MAINTENANCE NOTES
1. THE CONCRETE WASHOUT AREA SHALL BE REPAIRED AND ENLARGED OR CLEANED OUT AS NECESSARY TO MAINTAIN CAPACITY FOR WASTED CONCRETE.
2. AT THE END OF CONSTRUCTION, ALL CONCRETE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF AT AN APPROVED WASTE SITE.
3. WHEN THE CONCRETE WASHOUT AREA IS REMOVED, COVER THE DISTURBED AREA WITH TOP SOIL, DRILL SEED AND CRIMP MULCH OR OTHERWISE STABILIZE IN A MANNER APPROVED BY THE CITY.
4. INSPECT WEEKLY, DURING AND AFTER ANY STORM EVENT.
5. PORTABLE ROLLOFF TYPE OF CONCRETE WASHOUT FACILITIES WILL ALSO BE ALLOWED.
REINFORCED CHECK DAM INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATIONS OF CHECK DAMS.
   - CHECK DAM TYPE (CHECK DAM OR REINFORCED CHECK DAM).
   - LENGTH, "L" , CREST LENGTH, "CL", AND DEPTH, "D".

2. CHECK DAMS INDICATED ON THE INITIAL SWMP SHALL BE INSTALLED AFTER CONSTRUCTION FENCE, BUT PRIOR TO ANY UPSTREAM LAND-DISTURBING ACTIVITIES.

3. REINFORCED CHECK DAMS, GABIONS SHALL HAVE GALVANIZED TWISTED WIRE NETTING WITH A MAXIMUM OPENING DIMENSION OF 4-1/2" AND A MINIMUM WIRE THICKNESS OF 0.10", WIRE "HOG RINGS" AT 4" SPACING OR OTHER APPROVED MEANS SHALL BE USED AT ALL GABION SEAMS AND TO SECURE THE GABION TO THE ADJACENT GABION.

4. THE CHECK DAM SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 1'-6".

5. EROSION BLANKET SHALL BE PLACED IN THE REINFORCED CHECK DAM TRENCH EXTENDING A MINIMUM OF 1'-6" ON BOTH THE UPSTREAM AND DOWNSTREAM SIDES OF THE REINFORCED CHECK DAM.

REINFORCED CHECK DAM MAINTENANCE NOTES

1. THE SWMP MANAGER SHALL INSPECT CHECK DAMS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT AS NECESSARY.

2. SEDIMENT ACCUMULATED UPSTREAM OF CHECK DAMS SHALL BE REMOVED WHEN THE SEDIMENT DEPTH UPSTREAM OF CHECK DAM IS WITHIN 1/2 OF THE HEIGHT OF THE CREST.

3. CHECK DAMS ARE TO REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVER IS APPROVED BY THE CITY.

4. WHEN CHECK DAMS ARE REMOVED, EXCAVATIONS SHALL BE FILLED WITH SUITABLE COMPACTED BACKFILL, ANY DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, DRILL SEEDED AND CRIMP MULCHED AND COVERED WITH EROSION CONTROL BLANKET OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
### Sizing Information for Standard Sediment Basin

<table>
<thead>
<tr>
<th>Upstream Drainage Area (rounded to nearest acre), (ac)</th>
<th>Basin Bottom Width (W), (ft)</th>
<th>Spillway Crest Length (CL), (ft)</th>
<th>Hole Diameter (HD), (in)</th>
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<tr>
<td>1</td>
<td>12 1/2</td>
<td>2</td>
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</tr>
<tr>
<td>2</td>
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<tr>
<td>15</td>
<td>73 1/4</td>
<td>22</td>
<td>1 3/16</td>
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Minimum Bottom Width and diameter of outlet plate holes based on 2,700 cu. ft. / acre of tributary area and 72 hour drain time.

### Sediment Basin Installation Notes

1. **See Plan View and Sections for:**
   - Location of Sediment Basin.
   - Type of Basin (Standard Basin or Nonstandard Basin).
   - For Standard Basin, Bottom Width, "W", Crest Length, "CL", and Hole Diameter, "HD".
   - For Nonstandard Basin, see Construction Drawings for Design of Basin Including Riser Height, "H", Number of Columns, "N", Hole Diameter, "D", and Pipe Diameter, "D".

2. **For Standard Basin, Bottom Dimension May Be Modified as Long as Bottom Area Is Not Reduced.**

3. **Sediment Basins Indicated on Initial SWMP Plan Shall Be Installed Prior to Any Other Land-Disturbing Activity.**

4. **Embankment Material Shall Consist of Soil Free of Debris, Organic Material, and Rocks or Concrete Greater Than 3 Inches and Shall Have a Minimum of 15 Percent by Weight Passing the No. 200 Sieve.**

5. **Embankment Material Shall Be Compacted to at Least 95 Percent of Maximum Density in Accordance with ASTM D 698.**

6. **Pipe Sch 40 or Greater Shall Be Used.**

7. **The Details Shown on These Sheets Pertain to Standard Sediment Basin(s) Identified on the SWMP Plan View Drawings Used for Drainage Areas Less than 15 Acres. See Construction Drawings for Embankment, Storage Volume, Spillway, Outlet, and Outlet Protection Details for Any Sediment Basin(s) That Have Been Individually Designed for Drainage Areas Larger than 15 Acres.**

### Sediment Basin Maintenance Notes

1. **The SWMP Manager Shall Inspect Sediment Basin Weekly, During and After Any Storm Event and Make Repairs or Clean Out As Necessary.**

2. **Sediment Accumulated in Basin Shall Be Removed When Sediment Depth Is One Foot (i.e., 2-Feet Below the Spillway Crest).**

3. **Sediment Basins Are to Remain in Place Until the Upstream Disturbed Area Is Stabilized and Grass Cover Is Accepted by the City.**

4. **When Sediment Basins Are Removed, All Disturbed Areas Shall Be Covered With Topsoil, Seeded and Mulched or Otherwise Stabilized As Approved by the City.**

---

**City of Westminster**  
**4800 West 92nd Avenue**  
**Westminster, Colo. 80031**  

**Date: December 2010**  
**Sheet EC 12**
SEDIMENT TRAP INSTALLATION NOTES:

1. SEE PLAN VIEW FOR:
   - LOCATION, LENGTH AND WIDTH OF SEDIMENT TRAP.

2. SEDIMENT TRAPS INDICATED ON INITIAL EROSION CONTROL PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.

3. SEDIMENT TRAP BERM SHALL BE CONSTRUCTED FROM MATERIAL FROM EXCAVATION. THE BERM SHALL BE COMPACTED TO 95% OF THE MAXIMUM DENSITY IN ACCORDANCE WITH ASTM D698.

4. RIPRAP OUTLET SHALL BE CONSTRUCTED WITH $D_{50} = 12''$ RIPRAP (TYPE M, SEE TABLE MD-7, MAJOR DRAINAGE, VOL. 1, URBAN DRAINAGE AND FLOOD CONTROL DISTRICT CRITERIA MANUAL).

5. THE TOP OF THE EARTHEN BERM SHALL BE A MINIMUM OF 6'' HIGHER THAN THE TOP OF THE RIPRAP OUTLET STRUCTURE.

6. THE ENDS OF THE RIPRAP OUTLET STRUCTURE SHALL BE MINIMUM OF 6'' HIGHER THAN THE CENTER OF THE OUTLET STRUCTURE.

SEDIMENT TRAP MAINTENANCE NOTES:

1. THE SWIMP MANAGER SHALL INSPECT SEDIMENT TRAPS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.

2. SEDIMENT ACCUMULATED UPSTREAM OF RIPRAP SHALL BE REMOVED WHEN THE UPSTREAM DEPTH IS WITHIN $\frac{1}{2}$ THE HEIGHT OF THE RIPRAP OUTLET STRUCTURE.

3. SEDIMENT TRAPS SHALL REMAIN IN PLACE UNTIL THE UPSTREAM DISTURBED AREA IS STABILIZED AND GRASS COVERAGE IS APPROVED BY THE CITY.

4. WHEN SEDIMENT TRAPS ARE REMOVED THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, DRILLED SEEDED AND CRIMP MULCHED OR STABILIZED IN A MANNER APPROVED BY THE CITY.

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
SLOPE DRAIN INSTALLATION NOTES:
1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SLOPE DRAIN,
   - PIPE DIAMETER, "D", AND RIPRAP SIZE, "Ds0".

2. SLOPE DRAIN DIMENSIONS SHALL BE CONSIDERED MINIMUM DIMENSIONS; CONTRACTOR MAY ELECT TO INSTALL LARGER FACILITIES. ANY DAMAGE TO SLOPE OR SLOPE DRAIN DURING RUNOFF EVENTS SHALL BE THE DEVELOPER’S RESPONSIBILITY.

3. SLOPE DRAINS INDICATED ON INITIAL GESC PLAN SHALL BE INSTALLED PRIOR TO ANY UPSTREAM LAND-DISTURBING ACTIVITIES.

4. FOR TEMPORARY SLOPE DRAINS, PIPE MAY BE INSTALLED ON TOP OF SLOPE; HOWEVER, 12" MIN. COVER AT TOP OF SLOPE SHALL BE PROVIDED. PLASTIC-LINED OR RIPRAP-LINED TRENCHES MAY BE USED INSTEAD OF PIPE.

5. A RIPRAP PAD SHALL BE PLACED AT THE OUTFALL OF THE SLOPE DRAIN.

SLOPE DRAIN MAINTENANCE NOTES:
1. THE SWMP MANAGER SHALL INSPECT SLOPE DRAINS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.

2. TEMPORARY SLOPE DRAINS ARE TO REMAIN IN PLACE UNTIL NO LONGER NEEDED, BUT SHALL BE REMOVED PRIOR TO THE END OF CONSTRUCTION. WHEN SLOPE DRAINS ARE REMOVED, THE DISTURBED AREA SHALL BE COVERED WITH TOP SOIL, DRILL SEEDED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.
SILT FENCE INSTALLATION

NOTE: EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL LANDSCAPING IS COMPLETED, OR AS DIRECTED BY THE CITY

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT
SEDIMENT CONTROL LOG INSTALLATION NOTES

1. SEE PLAN VIEW FOR:
   - LOCATION AND LENGTH OF SEDIMENT CONTROL LOG.

2. SEDIMENT CONTROL LOGS INDICATED ON INITIAL SWMP PLAN SHALL BE INSTALLED PRIOR TO ANY LAND-DISTURBING ACTIVITIES.

3. SEDIMENT CONTROL LOGS SHALL CONSIST OF STRAW, COMPOST, EXCELSIOR, OR COCONUT FIBER.

4. NOT FOR USE IN CONCENTRATED FLOW AREAS.

5. THE SEDIMENT CONTROL LOG SHALL BE TRENCHED INTO THE GROUND A MINIMUM OF 2".

SEDIMENT CONTROL LOG MAINTENANCE NOTES

1. THE SWMP MANAGER SHALL INSPECT SEDIMENT CONTROL LOGS DAILY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS OR CLEAN OUT UPSTREAM SEDIMENT AS NECESSARY.

2. SEDIMENT ACCUMULATED UPSTREAM OF SEDIMENT CONTROL LOGS SHALL BE REMOVED WHEN THE UPSTREAM SEDIMENT DEPTH IS WITHIN 1/3 THE HEIGHT OF THE CREST OF LOG.

3. SEDIMENT CONTROL LOG SHALL BE REMOVED AT THE END OF CONSTRUCTION. IF ANY DISTURBED AREA EXISTS AFTER REMOVAL, IT SHALL BE COVERED WITH TOP SOIL, DRILL SEED AND CRIMP MULCHED OR OTHERWISE STABILIZED IN A MANNER APPROVED BY THE CITY.

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
ANCHOR DETAILS

TYPE OF BLANKET AS INDICATED IN PLAN VIEW, IN ALL DISTURBED AREAS OF STREAMS AND DRAINAGE CHANNELS TO DEPTH "D" ABOVE CHANNEL INVERT. BLANKET SHALL GENERALLY BE ORIENTED PARALLEL TO FLOW DIRECTION. STAKING PATTERN SHALL MATCH BLANKET TYPE.

AT PIPE OUTLET AREAS OF STREAMS AND DRAINAGE CHANNELS - DETAIL A

PER MANUFACTURER SPEC., OR TYPE 2 OR 3 STAKING (MATCH SPECIFIED BLANKET TYPE) SEE THE STAKING PATTERNS DETAIL ON NEXT SHEET

TYPE OF BLANKET, INDICATED IN PLAN VIEW

THE BLANKET SHALL BE EXTENDED TO THE TOP OF CHANNEL

COMPACTED SUBGRADE

PERIMETER ANCHOR TRENCH, TYP.

JOINT ANCHOR TRENCH, TYP.

IN DIVERSION DITCH OR SMALL DITCH DRAINAGE WAY - DETAIL B

BLANKET SHALL BE 100% STRAW MIN.

STAGGER OVERLAPS

OVERLAPPING JOINT, SEE DETAIL ON THIS SHEET

PERIMETER ANCHOR TRENCH

SEE DETAIL ON THIS SHEET

OUTSIDE OF STREAMS AND DRAINAGE CHANNELS - DETAIL C

PERIMETER ANCHOR TRENCH, TYP.

JOINT ANCHOR TRENCH, TYP.

OVERLAPPING JOINT

MINIMUM THICKNESS 4" USE 2x4 MATERIAL FOR STAKES

CITY of WESTMINSTER
4800 WEST 92ND AVENUE
WESTMINSTER, COLO. 80031

EROSION BLANKET DETAILS

DATE: DECEMBER 2010 SHEET EC17
STAKING PATTERNS

SHALL BE IN ACCORDANCE WITH MANUFACTURER’S SPECIFICATION. IF NO MANUFACTURER’S SPECIFICATION IS AVAILABLE USE THE ACCEPTABLE STAKING PATTERN (AS SHOWN ABOVE).

EROSION CONTROL BLANKET INSTALLATION NOTES:

1. SEE PLAN VIEW FOR:
   - LOCATION OF PERIMETER OF EROSION CONTROL BLANKET.
   - TYPE OF BLANKET (STRAW, STRAW-COCONUT, COCONUT, OR EXCELSIOR).
   - AREA “A” IN SQUARE YARDS OF EACH TYPE OF BLANKET.

2. ALL EROSION CONTROL BLANKETS AND NETTING SHALL BE MADE OF 100% NATURAL AND BIODEGRADABLE MATERIAL; NO PLASTIC OR OTHER SYNTHETIC MATERIAL, EVEN IF PHOTO DEGRADABLE, SHALL BE ALLOWED.

3. IN AREAS WHERE EROSION CONTROL BLANKET IS SHOWN ON THE PLANS, THE DEVELOPER SHALL PLACE TOPSOIL AND PERFORM FINAL GRADE, SURFACE PREPARATION, AND SEEDING BELOW THE SEEDING AND MULCHING, SUBGRADE SHALL BE SMOOTH AND MOIST PRIOR TO BLANKET INSTALLATION AND THE BLANKET SHALL BE IN FULL CONTACT WITH SUBGRADE, NO GAPS OR Voids SHALL EXIST UNDER THE BLANKET.

4. PERIMETER ANCHOR TRENCH SHALL BE USED AT OUTSIDE PERIMETER OF ALL BLANKET AREAS.

5. JOINT ANCHOR TRENCH SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER (LONGITUDINALLY AND TRANSVERSELY) FOR ALL BLANKETS EXCEPT STRAW, WHICH MAY USE AN OVERLAPPING JOINT.

6. INTERMEDIATE ANCHOR TRENCH SHALL BE USED AT SPACING OF ONE-HALF THE ROLL LENGTH FOR COCONUT AND EXCELSIOR BLANKETS.

7. THE OVERLAPPING JOINT DETAIL SHALL BE USED TO JOIN ROLLS OF BLANKETS TOGETHER FOR BLANKETS ON SLOPES.

8. MATERIAL SPECIFICATIONS OF EROSION CONTROL BLANKET SHALL CONFORM TO TABLE 7.1.

9. ANY AREAS OF SEEDING AND MULCHING DISTURBED IN THE PROCESS OF INSTALLING EROSION CONTROL BLANKET SHALL BE RESEED AND MULCHED.

10. DETAILS ON DESIGN PLANS FOR MAJOR DRAINAGEWAY STABILIZATION WILL GOVERN IF DIFFERENT FROM ONES SHOWN HERE.

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<thead>
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<th>TABLE 7.1 - EROSION CONTROL BLANKET TYPE</th>
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<td>TYPE</td>
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</tr>
<tr>
<td>STRAW*</td>
</tr>
<tr>
<td>STRAW-COCONUT</td>
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<tr>
<td>COCONUT</td>
</tr>
<tr>
<td>EXCELSIOR</td>
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</tbody>
</table>

* FOR OUTSIDE OF STREAMS AND DRAINAGE CHANNELS

EROSION CONTROL BLANKET MAINTENANCE NOTES:

1. THE SWEEP MANAGER SHALL INSPECT EROSION CONTROL BLANKETS WEEKLY, DURING AND AFTER ANY STORM EVENT AND MAKE REPAIRS AS NECESSARY.

2. EROSION CONTROL BLANKET IS TO BE LEFT IN PLACE UNLESS DIRECTED TO BE REMOVED BY THE CITY.

3. ANY EROSION CONTROL BLANKET PULLED OUT, TORN, OR OTHERWISE DAMAGED SHALL BE RE-INSTALLED. ANY SUBGRADE AREAS BELOW THE BLANKET THAT HAVE ERODED TO CREATE A VOID UNDER THE BLANKET, OR THAT REMAIN DEVOID OF GRASS SHALL BE REPAIRED, RESEED AND MULCHED AND THE EROSION CONTROL BLANKET REINSTALLED.

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.
ROCK SOCK SECTION

1 1/2" (MINUS) CRUSHED ROCK ENCLOSED IN WIRE MESH

WIRE TIE ENDS

0" ON BEDROCK OR HARD SURFACE, 2" IN SOIL

GROUND SURFACE

ROCK SOCK PLAN

4" TO 6" MAX. AT CURBS, OTHERWISE 6" - 10" DEPENDING ON EXPECTED SEDIMENT LOADS

1 1/2" (MINUS) CRUSHED ROCK ENCLOSED IN WIRE MESH

ANY GAP AT JOINT SHALL BE FILLED WITH AN ADEQUATE AMOUNT OF 1 1/2" (MINUS) CRUSHED ROCK AND WRAPPED WITH ADDITIONAL WIRE MESH SECURED TO THE ENDS OF THE ROCK REINFORCED Sock. AS AN ALTERNATIVE TO FILLING JOINTS BETWEEN ADJOINING ROCK SOCKS WITH CRUSHED ROCK AND ADDITIONAL WIRE WRAPPING, ROCK SOCKS CAN BE OVERLAPPED (TYPICALLY 12" - INCH OVERLAP) TO AVOID GAPS.

ROCK SOCK JOINTING

ROCK SOCK INSTALLATION NOTES

1. SEE PLAN VIEW FOR LOCATION OF ROCK SOCKS.

2. CRUSHED ROCK SHALL BE 11/2" (MINUS) IN SIZE WITH A FRACTURED FACE (ALL SIDES) AND SHALL COMPLY WITH GRADATION SHOWN ON THIS SHEET (11/2" MINUS).

3. WIRE MESH SHALL BE FABRICATED OD 10 GAGE POULTRY MESH OR EQUIVALENT WITH A MAXIMUM OPENING OF 1/2", RECOMMENDED MINIMUM ROLL WIDTH OF 48".

4. WIRE MESH SHALL BE SECURED USING "HOG RINGS" OR WIRE TIES AT 6" CENTERS ALONG ALL JOINTS AND AT 2" CENTERS ON ENDS OF SOCKS.

GRADATION TABLE

<table>
<thead>
<tr>
<th>SIEVE SIZE</th>
<th>MASS PERCENT PASSING SQUARE MESH SIEVES</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>100</td>
</tr>
<tr>
<td>1 1/2&quot;</td>
<td>90 - 100</td>
</tr>
<tr>
<td>1&quot;</td>
<td>20 - 55</td>
</tr>
<tr>
<td>3/4&quot;</td>
<td>0 - 15</td>
</tr>
<tr>
<td>3/8&quot;</td>
<td>0 - 5</td>
</tr>
</tbody>
</table>

MATCHES SPECIFICATIONS FOR NO. 4 COARSE AGGREGATE FOR CONCRETE PER AASHTO M43. ALL ROCK SHALL BE FRACTURED FACE, ALL SIDES.

THIS DETAIL (EXCEPT MODIFICATIONS BY THE CITY OF WESTMINSTER) COURTESY OF THE URBAN DRAINAGE AND FLOOD CONTROL DISTRICT.

CITY of WESTMINSTER
4800 WEST 92ND AVENUE
WESTMINSTER, COLO. 80031

DATE: DECEMBER 2010  SHEET EC19