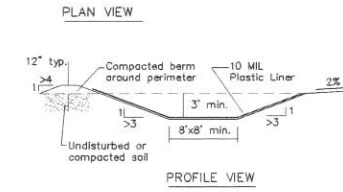
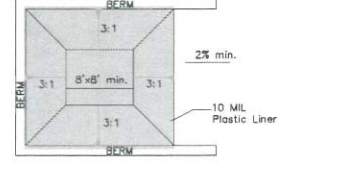


1. WASHOUT AREA TO BE INSTALLED PRIOR TO CONCRETE PLACEMENT ON SITE.
2. CWA SHALL INCLUDE A FLAT SUBSURFACE PIT THAT IS AT LEAST 8" BY 8", SLOPES LEADING OUT OF THE SUBSURFACE PIT SHALL BE 3:1 OR FLATTER AND THE PIT SHALL BE AT LEAST 3' DEEP.
3. BERM SURROUNDING SIDES AND BACK OF THE CWA SHALL HAVE MINIMUM HEIGHT OF 1'.
4. USE EXCAVATED MATERIAL FOR BERM CONSTRUCTION.
5. INSTALL 10 MIL PLASTIC LINER OVER THE ENTIRE PIT AREA.



CONCRETE WASHOUT AREA

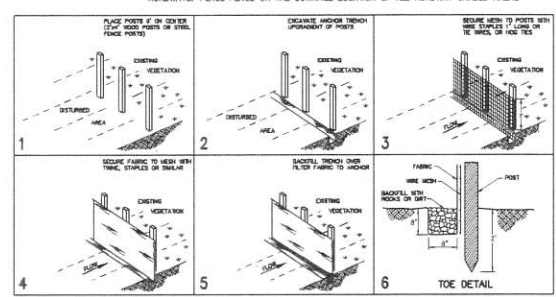
SILT FENCE

DEFINITION: A TEMPORARY SEDIMENT BARRIER CONSISTING OF FILTER FABRIC STRETCHED ACROSS AND SECURED TO SUPPORTING POSTS AND ENTRENCHED.

PURPOSE: TO FILTER STORM WATER RUNOFF FROM UPGRADIENT DISTURBED AREA AND TRAP SEDIMENT ON SITE.

APPLICATION:

- PERIMETER CONTROL: PLACE FENCE AT DOWNGRADENT LIMITS OF DISTURBANCE
- SEDIMENT BARRIER: PLACE FENCE AT TOE OF SLOPE OR SOIL STOCKPILE
- PROTECTION OF EXISTING WATERWAYS: PLACE FENCE AT TOP OF STREAM BANK
- INLET PROTECTION: PLACE FENCE SURROUNDING CATCH BASINS
- BUILDING SITES: PLACE FENCE ON THE DOWNHILL LOCATION OF ALL BUILDING SITES
- ROADWAYS: PLACE FENCE ON THE DOWNHILL LOCATION OF ALL ROADWAY GRADED AREAS



- INSTALLATION:**
- PLACE POSTS 6 FOOT ON CENTER ALONG CONTOUR (OR USE PRE-ASSEMBLED UNIT) AND DRIVE 2 FEET MINIMUM INTO GROUND. EXCAVATE AN ANCHOR TRENCH IMMEDIATELY UPGRADENT OF POSTS.
 - SECURE WIRE MESH (14 GAUGE MIN. WITH 8 INCH OPENINGS) TO UPSLOPE SIDE OF POSTS. ATTACH WITH HEAVY DUTY WIRE STAPLES 1 INCH LONG, TIE WIRES OR HOG RINGS.
 - CUT FABRIC TO REQUIRED WIDTH UNROLL ALONG LENGTH OF BARRIER AND DRAPE OVER BARRIER. SECURE FABRIC TO MESH WITH TWINE, STAPLES, OR SIMILAR, WITH TRAILING EDGE EXTENDING INTO ANCHOR TRENCH.
 - BACKFILL TRENCH OVER FILTER FABRIC TO ANCHOR.
 - SPACES TO OCCUR ONLY @ POSTS W/ A MIN 6" OVERLAP AND SECURE SEAL.
- MAINTENANCE:**
- INSPECT IMMEDIATELY AFTER ANY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 - LOOK FOR RUNOFF BYPASSING ENDS OF BARRIERS OR UNDERCUTTING BARRIERS.
 - REPAIR OR REPLACE DAMAGED AREAS OF THE FENCE AND REMOVE ACCUMULATED SEDIMENT.
 - REANCHOR FENCE AS NECESSARY TO PREVENT SHORTCUTTING.
 - REMOVE ACCUMULATED SEDIMENT WHEN IT REACHES 1/2 THE HEIGHT OF THE FENCE.

DURING CONSTRUCTION

1. ALL EROSION CONTROL BEST MANAGEMENT PRACTICES SHALL BE INSPECTED AND MAINTAINED REGULARLY (MINIMUM ONCE A WEEK) AND AFTER EVERY STORM EVENT
2. CONTRACTOR TO KEEP LAND DISTURBANCE TO MINIMUM TO CONTROL RUNOFF FROM THE SITE
3. LIMIT LAND CLEARING AND RESTORE ALL GRADING AS SOON AS POSSIBLE
4. STAGED SEEDING TO RE-VEGETATE CUT AND FILL SLOPES AS THE WORK IS IN PROGRESS
5. AT ALL TIMES DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING AND CONTROLLING EROSION DUE TO WIND AND OTHER EROSION
6. MAINTENANCE OF STREET STREETS TO BE KEPT CLEAN AND FREE FROM DEBRIS
7. CONTRACTOR SHALL PROVIDE DUST CONTROL MEASURES AT ALL TIMES DURING CONSTRUCTION.
8. CONTRACTOR TO HAVE WATER TRUCK AVAILABLE AS WATER SOURCE FOR WHEEL WASH AREA, OR ALTERNATE WATER SOURCE MAY BE USED IF APPROVED BY CITY.
9. IF GROUND WATER IS ENCOUNTERED DURING THE CONSTRUCTION ACTIVITIES AND REQUIRES PUMPING OFF THE PROJECT, THE CONTRACTOR IS TO FILTER THE WATER THROUGH THE USE OF SAND BAGS AND/OR GEO FABRIC. THIS IS TO BE DONE PRIOR TO IT BEING INTRODUCED INTO THE PUBLIC STORM DRAIN SYSTEM.
10. A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN SHALL BE KEPT ON THE SITE DURING ALL CONSTRUCTION ACTIVITY

POST CONSTRUCTION

1. EROSION CONTROL STRUCTURES MAY BE REMOVED ONCE FINAL LANDSCAPING IS IN PLACE
2. EROSION CONTROL STRUCTURES BELOW SEEDED AREAS MUST REMAIN IN PLACE UNTIL THE ENTIRE AREA HAS BEEN ESTABLISHED
3. EROSION CONTROL IN PROPOSED PAVEMENT AREAS SHALL REMAIN IN PLACE UNTIL PAVEMENT IS COMPLETE
4. THE FOLLOWING PRECAUTIONS SHALL BE PERFORMED:
 - A) PERIODIC INSPECTION OF CATCH BASIN SEDIMENT TRAPS AND CLEANING WHEN THE BASIN IS MORE THAN 1/4 FULL. INSPECTION SHALL BE DONE AFTER EVERY MAJOR RAINFALL AND EVERY 6 MONTHS AS A MINIMUM. DISPOSAL OF ANY GREASE OR OIL MUST BE DONE IN ACCORDANCE WITH CURRENT ENVIRONMENTAL REGULATIONS
 - B) LITTER, DEBRIS AND CHEMICALS MUST BE PICKED UP AND KEPT IN A CONTAINED LOCATION TO PREVENT POLLUTION OF STORM WATER DISCHARGE
 - C) PARKING AREAS SHALL BE KEPT FREE FROM AUTOMOBILE FLUIDS THAT COULD WASH INTO THE STORM DRAIN SYSTEM

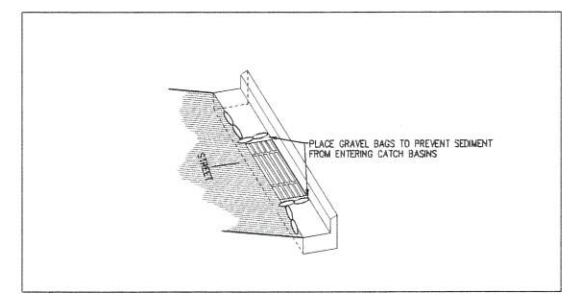
BMP CALLOUTS

1. PLACE A SILT FENCE AROUND THE PERIMETER OF THE INLET, ONCE PAVEMENT AND/OR CURB HAS BEEN INSTALLED PLACE GRAVEL BAGS AROUND THE INLET. GRAVEL BAGS TO BE USED ON PAVED OR CONCRETE SURFACES AND SILT FENCE TO BE USED ON UNIMPROVED SURFACES.
- NOTE: IN HIGH TRAFFIC AREAS CONTRACTOR TO USE INSERT FILTER FABRIC. IF INLET HAS CURB OPENING, THE FILTER FABRIC IS TO BE EXTENDED UP TO COVER THE CURB OPENING AND GRAVEL BAGS PLACED IN CUTTER AT EACH SIDE OF OPENING TO KEEP FILTER FABRIC SHUG AGAINST CURB WALL.
2. PLACE GRAVEL BAGS AS NECESSARY TO PREVENT SEDIMENT FROM DRAINING INTO EXISTING CATCH BASINS. SEE NOTE IN CALLOUT 1.
3. INSTALL TYPICAL SILT FENCE, SILT FENCE TO BE INSTALLED PERPENDICULAR TO STORM-WATER FLOW. INSTALLATION TO BE DONE SO AS TO PREVENT SEDIMENT FROM LEAVING THE SITE.
- NOTE: CONTRACTOR TO USE VEGETATIVE BUFFER AND OR CUT BACK INSTEAD OF SILT FENCE WHERE POSSIBLE.
4. CONTRACTOR TO INSTALL A MINIMUM OF 6" DEEP GRAVEL (3" TO 6") OF SUFFICIENT SIZE (MINIMUM OF 50' IN LENGTH AND 20' WIDE) AS TO PROVIDE A WHEEL WASH AREA TO PREVENT THE TRACKING OF MUD OFFSITE. THE LOCATION OF WHEEL WASH MAY VARY FROM LOCATION SHOWN ON PLANS SO AS TO PROVIDE THE BEST PROTECTION AGAINST TRACKING MUD OFFSITE. CONTRACTOR TO MAINTAIN AND CLEAN WHEEL WASH AREA AS NEEDED TO PREVENT THE TRACKING OF MUD OFFSITE.
5. CONTRACTOR TO INSTALL CONCRETE WASHOUT AREA. THE LOCATION MAY VARY FROM LOCATION SHOWN ON PLANS.

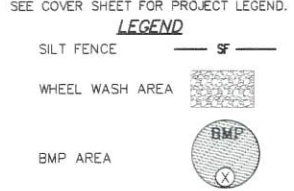
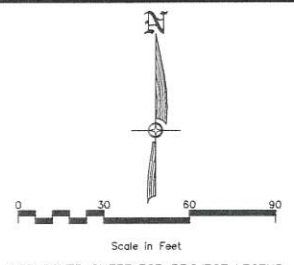
GRAVEL BAG BARRIER

DEFINITION: TEMPORARY SEDIMENT BARRIER CONSISTING OF A ROW OF GRAVEL BAGS.

PURPOSE: TO FILTER STORM WATER RUNOFF FROM UP-GRADIENT DISTURBED AREA AND TRAP SEDIMENT ON SITE.



- MAINTENANCE:**
- INSPECT IMMEDIATELY AFTER ANY RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL.
 - LOOK FOR RUNOFF BYPASSING ENDS OF BARRIERS OR UNDERCUTTING BARRIERS.
 - REPAIR OR REPLACE DAMAGED AREAS OF THE BARRIER AND REMOVE ACCUMULATED SEDIMENT.
 - REANCHOR BAGS AS NECESSARY TO PROVIDE CONTINUOUS BARRIER AND FILL GAPS.



CIVIL ENGINEERING + SURVEYING

BLACKPINE, LLC - LOT #8
626 WEST STOCKMAN WAY, OGDEN, UT 84401

EROSION CONTROL PLAN (SWPPP)

PROJECT ENGINEER: TLH

REVISIONS:

NO.	REVISIONS	DATE
1	COMMENTS	
2	COMMENTS	
3	COMMENTS	

DATE: 01/20/21

SHEET NO: C6.0

PROJECT ID: E22-066

FILE NAME: PRJ-800

SCALE: 1"=30'

CALL BEFORE YOU DIG

PROFESSIONAL ENGINEER
No. 12072623
TREVOR L. HODGSON
STATE OF UTAH