

Source: USEPA Guide for Construction Site

Coir Mat Inlet Protection



UV Resistance (ASTM D 4355 – 500 hour exposure) Tensile Properties (ASTM D 5035/ECTC) (4 inch wide strip specimen)

Baseline Properties		
MD – Maximum Load (ppi)		
TD – Maximum Load (ppi)		18.7
MD – Elongation @ Max Load (%)		19.3
TD – Elongation @ Max Load (%)		27.7
Light Penetration (E	CTC Guideline	s)
Baseline Reading		125
Reading with sample		10
% Light Penetration		<8
Swell (ECTC)		
Dry thickness (mils)		1984
Thickness after soak (mils)		2098
% change		6
Water Absorption (A	STM D 1117/E	CTC)
Pre-soak Weight (grams)		69
Post-Soak (grams)		152
Weight change (grams)		82
% Weight Change		119
Sediment Control (A	STM D 5141)	
Test material:	aterial: Sand sieved thru No. 10 s	
Filtering Efficiency (%)) 40.8	

150

Flow Rate (liter/minute)

MD – Maximum Load (ppi) TD – Maximum Load (ppi) MD – Elongation @ Max Load (%) TD – Elongation @ Max Load (%) Resiliency (ASTM D 6524) Pre-loading thickness (mils)	10.2 13.8 16.9 16.6	
MD – Elongation @ Max Load (%) TD – Elongation @ Max Load (%) Resiliency (ASTM D 6524)	16.9 16.6	
TD – Elongation @ Max Load (%) Resiliency (ASTM D 6524)	16.6	
Resiliency (ASTM D 6524)		
Pre-loading thickness (mils)		
· · · · · · · · · · · · · · · · · · ·	1943	
Post-loading thickness (mils)	326	
% change		
Mass/Unit Area (ASTM D 6565)		
Mass/unit area (oz/sq. yd)	50.89	
Mass/unit area (g/sq. meter)		

older Resistance (ECTC) ximum Burn Distance (in) .29

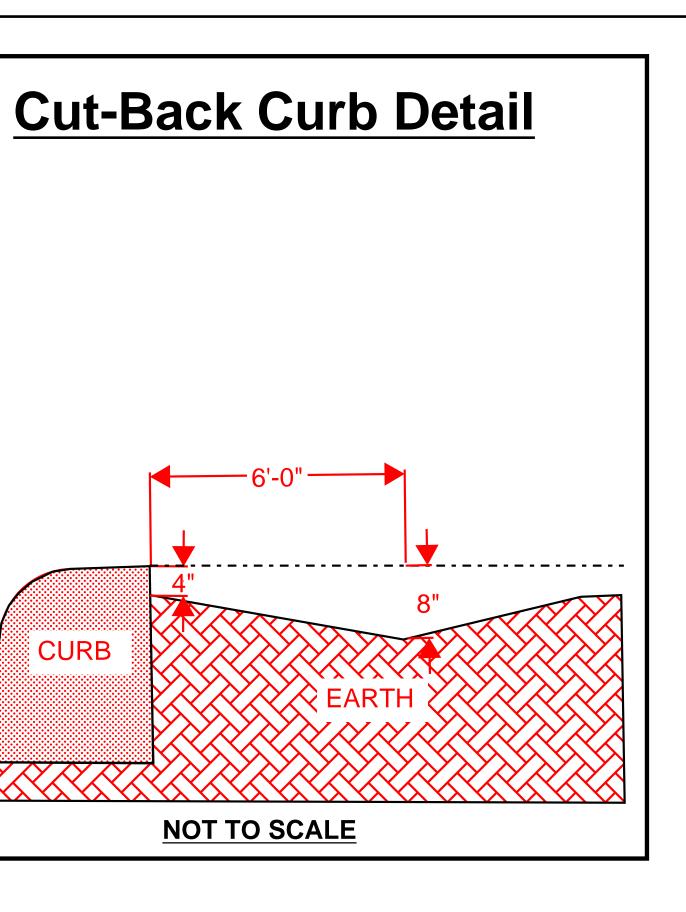


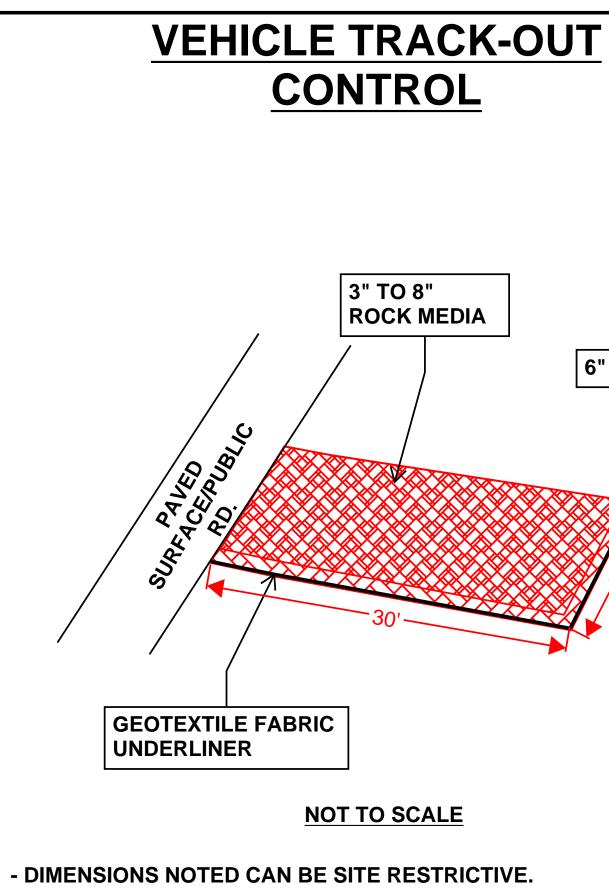
Inlet gravel bags are manufactured on site to fit in the gutter pan on the upstream side of the inlet. Filled with smooth rounded pea gravel. The ends are sealed with $\frac{1}{2}$ " #12 hog rings. The gravel bags are connected together with the hogs to help create weight and stability.

FABRIC PHYSICAL SPECIFICATIONS:

Property Test Method Wov		
Fabric Weight	ASTDM D-5261	5 oz/sq./yd.
Grab Tensile (MD/TD)	ASTDM D-4632	350/220 lbs.
Trapezoid Tear (MD/TD)	ASTM D-4533	146/75 lbs.
Puncture	ASTM D-4833	112 lbs.
Mullen Burst	ASTM D-3786	388 psi.
UV Resistance (2000hrs)	ASTM D-4355	>70%
Water Flow	ASTM D-4355	195 gpm/sq-ft
Material		High Density Polyethylene
		(HPDE)

THE ABOVE VALUES ARE M.A.R.V. (minimum average roll values)





TYPICAL CONCRETE WASHOUT-BELOW GRADE



- Install appropriate signage to inform concrete equipment operators of the proper washout location.
- An appropriate stabilized entrance shall be installed where applicable. The length and width of the stabilized entrance may vary based on size and location of the washout.
- Washout facilities must be sized to contain washout water and solids.
- Typical dimensions are 10 feet long by 10 feet wide but may vary upon site limitations.
- Pit shall be delineated with Orange Filter Sock and A-Framed staked.
- The pit shall be lined with 10mil (minimum) polyethylene impermeable liner on the bottom and sides overlapping the top edges completing a leak-proof container.

6" MINIMUM DEPTH

ESC Plan Standard Notes (2020-07-16)

- 1. All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereon shall be permitted, constructed, inspected, and maintained in accordance with:
 - a. The City Ordinance § 14-5-2-11, the ESC Ordinance,
 - b. The EPA's 2017 Construction General Permit (CGP), and
 - c. The City Of Albuquerque Construction BMP Manual.
- 2. All BMP's must be installed prior to beginning any earth moving activities except as specified hereon in the Phasing Plan. Construction of earthen BMP's such as sediment traps, sediment basins, and diversion berms shall be completed and inspected prior to any other construction or earthwork. Self-inspection is required after installation of the BMPs and prior to beginning construction.
- Self-inspections At a minimum a routine compliance self-inspection is required to review the project for compliance with the Construction General Permit once every 14 days and after any precipitation event of 1/4 inch or greater until the site construction has been completed and the site determined as stabilized by the city. Reports of these inspections shall be kept by the person or entity authorized to direct the construction activities on the site.
- 4. BMPs shall be inspected and maintained until all disturbed areas are stabilized in accordance with the Final Stabilization Criteria (CGP 2.2.14.b). Generally, all disturbed areas, other than structures, must have uniform perennial vegetation that provides 70 percent or more of the cover provided by native vegetation or seed the disturbed area and provide non-vegetative mulch that provides cover for at least three years without active maintenance. Final stabilization must be documented on self-inspection reports and approved by the City of Albuquerque prior to removal of BMPs and discontinuation of inspections.

EROSION CONTROL NOTES

EROSION CONTROL SCHEDULE AND SEQUENCING. SEE SWPPP PLAN FOR OPERATOR RESPONSIBLE FOR EACH CONTROL MEASURE LISTED AND BMP DETAILS.

- ROUGH GRADING INSTALL SILT FENCE OR STRAW WATTLE, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT PONDS WHERE PRACTICAL. INSTALL BEFORE GRADING IF POSSIBLE; IF NOT. THEN CONCURRENT WITH MAJOR GRADING. WATER SHALL BE APPLIED TO STABILIZE DISTURBED AREAS.
- UTILITY INSTALLATION MAINTAIN SOIL EROSION MEASURES DURING BUILDING CONSTRUCTION AND UTILITY INSTALLATION. WATER SHALL BE APPLIED FOR SOIL STABILIZATION AS NECESSARY. WHEN INSTALLING UTILITIES BEHIND THE CURB, DIRT SHOULD NOT BE PLACED IN THE STREET.
- HOME CONSTRUCTION INSTALL SILT FENCE AT THE BACK OF CURB OR CUT BACK CURB PER DETAIL THIS SHEET DURING HOME CONSTRUCTION. WATER SHALL BE APPLIED FOR SOIL STABILIZATION AS NECESSARY.
- FINAL STABILIZATION FINAL STRUCTURAL AND STABILIZATION CONTROLS INSTALLED PER APPROVED CONSTRUCTION AND LANDSCAPING DRAWINGS (REFERENCED BY SWPPP PLAN).

DURING CONSTRUCTION STORMWATER CONTROL NOTES:

- 1. STABILIZED CONSTRUCTION ENTRANCES REQUIRED BETWEEN PAVED/UNPAVED TRANSITIONS. LIMIT NUMBER OF ENTRANCES. PLACE STRAW WATTLE ACROSS THE CONSTRUCTION ENTRANCE AT THE END OF EACH DAY.
- SILT FENCE OR STRAW WATTLE TO BE INSTALLED AT INITIAL GRADING FOR TEMPORARY STRUCTURAL CONTROL. SILT FENCE OR STRAW WATTLE MAY BE ATTACHED TO CONSTRUCTION SECURITY FENCING FOR ADDITIONAL STABILITY WHERE NECESSARY.
- ON STREETS WHERE THE LONGITUDINAL SLOPE IS 2.5% OR GREATER, MULCH SOCKS OR A SIMILAR BMP IS REQUIRED IN THE AREA BETWEEN THE CURB AND THE PAD AT REGULAR INTERVALS TO SLOW THE WATER DOWN AND CATCH SEDIMENT.
- 4. DISTURBED AREAS WILL BE WATERED PERIODICALLY FOR TEMPORARY STABILIZATION AND DUST CONTROL.
- 5. MATERIALS STORAGE & EQUIPMENT STAGING AREA MAY BE RELOCATED BASED ON CONTRACTOR PREFERENCE AND CHANGING CONDITIONS AT THE JOB SITE, AS LONG AS POSSIBLE DISCHARGE IS CONTAINED ON SITE.
- 6. LOCATIONS OF TRASH, PORTA-LETS AND CONCRETE WASH-OUT PITS TO BE REDLINED ON THIS DRAWING. 7. NO DISCHARGE TO WATERS OF THE U.S. OR LISTED WETLANDS.
- 8. NO OFF-SITE STORAGE OR BORROW AREAS.
- AFTER CONSTRUCTION STORMWATER CONTROL NOTES:
- 1. REFER TO APPROVED CONSTRUCTION DRAWINGS FOR FINAL STRUCTURAL CONTROLS INCLUDE SIDEWALKS, DRIVEWAY AREAS, RUNDOWNS AND DRAINAGE WAYS.
- 2. REFER TO APPROVED LANDSCAPING DRAWINGS OR FINAL STABILIZATION OF DISTURBED AREAS.



TOTAL SITE AREA: 12.41 ACRES TOTAL DISTURBED AREA: 12.41 ACRES **RECEIVING WATERS: RIO GRANDE RIVER** (ISLETA PUEBLO BOUNDARY TO TIJERAS

ARROYO)

REFER TO THE ESC BMP DETAILS (ESC-3) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:



OPERATOR: HAKES BROTHERS ABQ

DURANGO UNITS 3-4

Drawii By.	04/04/04
M. VALLEJOS, CPESC, CISEC	01/21/21
THE PROFESSION PROFESSION Include THE MATHEW F. VALLEJOS NO. 9108 AND SEDIMENT	ESC-3