

1. PROPOSED WORK WITHIN THE ATRISCO ROAD R/W TO BE CONSTRUCTED BY PUBLIC WORK ORDER. NO WORK SHALL BE PERFORMED IN THE PUBLIC R/W WITHOUT AN APPROVED WORK ORDER OR EXCAVATION PERMIT. PROPOSED GRADES WITHIN R/W ARE SHOWN FOR INFORMATION ONLY.
2. PROPOSED WORK WITHIN THE COORS BLVD. R/W SHALL BE CONSTRUCTED BY PUBLIC WORK ORDER. NO WORK SHALL BE PERFORMED IN THE NMDOT R/W WITHOUT AN APPROVAL FROM NMDOT. PROPOSED GRADES WITHIN R/W ARE SHOWN FOR INFORMATION ONLY.
3. FUTURE PHASE DASHED.
4. CONSTRUCT NEW PAVING AT ELEVATIONS SHOWN. SEE CP-101 FOR CONCRETE. NOT ALL PAVEMENT SPOT ELEVATIONS SHOW ADJACENT TOP OF CURB / TOP OF FLOW ELEVATIONS. TEXT SHOWN WITHIN FLOWLINE INDICATES FLOWLINE ELEVATION. SEE SUPPLEMENTAL FOR TOP OF CURB / TOP OF ADJACENT FLOW ELEVATIONS.
5. PROVIDE SMOOTH TRANSITION BETWEEN NOW AND EXISTING PAVEMENT.
6. TOP OF ASPHALT TO BE FLUSH WITH TOP OF CONCRETE WALK THIS AREA FOR ADA ACCESS.
7. SLOPE WITHIN HANDICAP PARKING AREAS TO BE ADA COMPLIANT. MAX. SLOPE ANY DIRECTION.
8. CONSTRUCT ADA COMPLIANT 1:12 MAXIMUM SLOPE ACCESS RAMP. SEE CP-101.
9. CONSTRUCT ADA COMPLIANT PEDESTRIAN WALK AT ELEVATIONS SHOWN. MAX. 5% SLOPE. MAX. 2% CROSS SLOPE.
10. NOT USED.
11. HIGH POINT / GRADE BREAK LOCATION.
12. ROOF DISCHARGE TO UNPAVED AREA. SEE PLUMBING PLAN FOR SPECIFIC LOCATION. INSTALL EROSION PROTECTION AT OUTFALL AND TO EXTENTS SHOWN. SEE CG-502.
13. CONSTRUCT 2' WIDE (BOTTOM WIDTH) 'U' SHAPED CHANNEL TO PASS STORMWATER TO POND. SEE CG-502.
14. PROVIDE OPENING(S) IN CURB TO PASS FLOW. SEE PLAN FOR

15. CONSTRUCT 2.0' WIDE COVERED CONCRETE SIDEWALK CURBVERT PER COA STD. DWG. 2236. SEE CG-502 FOR ADDITIONAL INFORMATION.
16. CONSTRUCT 2' WIDE CONCRETE ALLEY GUTTER AT ELEVATIONS SHOWN. SEE CP-101.
17. CONSTRUCT DUMPSITE PAD SLOPED TO DIRECT LOCALIZED STORMWATER TO PROPOSED CENTRAL SANITARY SEWER FLOOR DRAIN INLET. SEE CP-101.
18. CONSTRUCT 12" WIDE CONCRETE APRON ADJACENT TO CURB. THIS APRON TO ACHIEVE GRASSES SHOWN. TOP OF CONCRETE APRON = 0.1' BELOW FINISH FLOOR. SEE CG-502.
19. CONSTRUCT STORMWATER QUALITY RETENTION POND AT ELEVATIONS & VOLUME SHOWN. ALL STORMWATER QUALITY POND (TOP & BOTTOM ELEVATIONS AND REQUIRED VOLUMES MUST BE CERTIFIED AS PART OF ENGINEER'S AS-BUILT CERTIFICATION. PONDS WHICH DO NOT MEET THE DESIGN PARAMETERS MUST BE CORRECTED AT CONTRACTOR'S EXPENSE.
20. CONSTRUCT STORMWATER DETENTION POND AT ELEVATIONS & DIMENSIONS SHOWN. SEE NOTE 19 FOR CERTIFICATION CRITERIA.
21. DEPRESS LANDSCAPING IN FOR GENERAL WATER HARVESTING NOTE: NO WATER HARVESTING SHALL OCCUR WITHIN 10' OF ANY BUILDING.
22. INSTALL PERCOLATION TRENCH. SEE CG-502.
23. CONSTRUCT PRIVATE STORM DRAIN TO SUB PROVIDED FROM PUBLIC NMDOT STREET DRAIN MANHOLE (BY PUBLIC WORK ORDER). SEE SHEET CG-501.
24. CONNECT PRIVATE STORM DRAIN TO SUB PROVIDED FROM PUBLIC NMDOT STREET DRAIN MANHOLE (BY PUBLIC WORK ORDER). SEE SHEET CG-501.
25. INSTALL ANGULAR ROCK EROSION PROTECTION TO LIMITS HATCHED.
26. CONSTRUCT POND RETAINING WALLS' (MAX. 4' RETAINING) TO TOP OF WALL = 510.0' (TOP), BOTTOM OF POND = 510.8' (NORTH POND) OR 5102.4' (SOUTH POND), STRUCTURAL DESIGN BY OTHERS. SEE ARCHITECTURAL FOR ADDITIONAL INFORMATION INCLUDING RETAINING GUARDRAIL, REINFORCING, ETC. SEE CG-502 FOR SECTIONS.

SITE WILL HAVE PERIMETER CONTROLS OF AN EXSITING BLOCK WALL SUPPLEMENTS BY SILT FENCE AND MULCH SOCKS. PRIVATE STORM DRAIN INLETS WILL BE PROTECTED WHEN THEY BECOME ACTIVE.

PRO.

PROPERTY: THE SITE IS AN UNDEVELOPED PROPERTY LOCATED WITHIN C.O.A. VICINITY MAP G-11. THE SITE IS BOUND TO THE EAST BY COORS BLVD. TO THE WEST BY ATRISCO DR. TO THE NORTH BY A STORAGE FACILITY COMPLEX AND TO THE SOUTH BY DEVELOPED COMMERCIAL BUILDINGS.

PROPOSED IMPROVEMENTS: THE PROPOSED IMPROVEMENTS INCLUDE TWO COMMERCIAL BUILDINGS (PHASED) WITH ASSOCIATED ASPHALT PAVED ACES, PARKING, AND LANDSCAPING.

TRACT: TRACT A-36-A TOWN OF ATRISCO GRANT NORTHEAST ADDITION, ALBUQUERQUE, NM

SITE AREA: 4.04 ACRES

BENCHMARK: ACS BRASS TABLE STAMPED "8-G11", ELEVATION = 5116.009 FEET (NAD 1983)

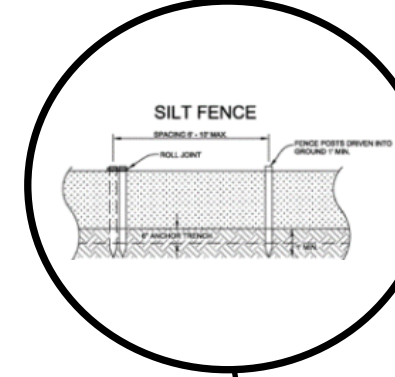
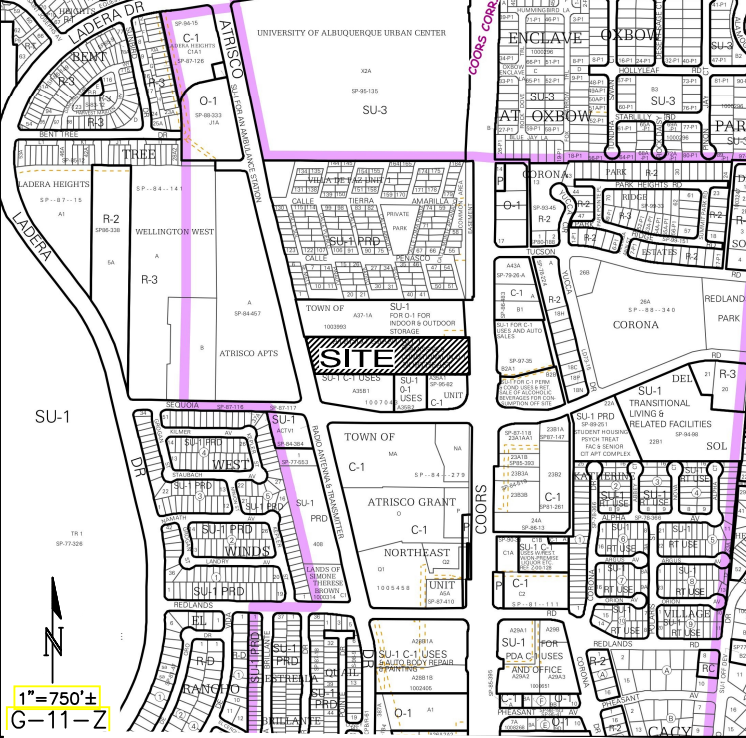
OFF-SITE FLOOD: WEST PROPERTY R.O.W. HISTORICALLY DRAINS INTO SITE. A WATER BLOCK IS PROVIDED TO CONTAIN FLOWS WITHIN ATRISCO RD. THE UNDEVELOPED R.O.W. PORTION BETWEEN THE STREET AND PROPERTY LINE WILL BE GRADED TO SELF-POND.

FLOOD HAZARD: PER BERNALLINO COUNTY FIRM MAP #35001C037J, THE SITE IS LOCATED WITHIN FLOODZONE "X" DESIGNATED AS AREAS DETERMINED TO BE OUTSIDE 500-YEAR FLOODPLAIN.

ENGINEER: FRED C. ARFMAN: NMPE 7322
ISAACSON & ARFMAN, R.A.
128 MONROE NE 87108
505-268-8828
















SURVEYOR: WILL PLOTNER JR: NMPS NO. 14271
CARTESIAN SURVEYS, INC.
P.O. BOX 44414 RIO RANCHO, NM 87174
505-896-3050

VICIN



LEGE

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PROJECT PERIMETER & DISTURBED AREA	
	SILT FENCE
	MULCH SOCKS
	FLOW DIRECTION
	STAGING AREA
	STABILIZED CONSTRUCTION ENTRANCE
	TRASH RECEPTACLE
	CHEMICAL TOILET
	CONCRETE WASHOUT
	RETENTION POND
	EXISTING FENCE
	EXISTING BLOCK WALL
	DROP INLET PROTECTION
	OUTFALL
	POSTING SIGN
	PRESERVED VEGETATION

RECEIVING WATERS: RIO GRANDE 2105_51 TIER II WATER, IMPAIRED WITH PCBs,
DISSOLVED OXYGEN, AND E. COLI.

CRITICAL HABITAT: **CRITERION "A"; NO CRITICAL HABITATS WITHIN THE PROJECT AREA**

GPS LOCATION: 35.1222, -106.7033

THE GOAT BREWERY

PROJECT TITLE

ALBUQUERQUE, BERNALILLO COUNTY, NM

CITY, COUNTY, STATE

03/20/2019

DATE _____

C. DURKIN

DRAWN BY



03/20/2015

CPESC Stamp

Curb Storm Inlet Protection with Wattles



Inlet Filter Installation Instructions:



1. Remove sediment, debris, ice and snow from the inlet grate surface and surrounding area.

2. Verify fit by placing filter over inlet grate to ensure that Inlet Filter extends at least one inch beyond the front and both curb ends. The overlap slows water

flow and starts filtering sediment and debris before water drops into the inlet.

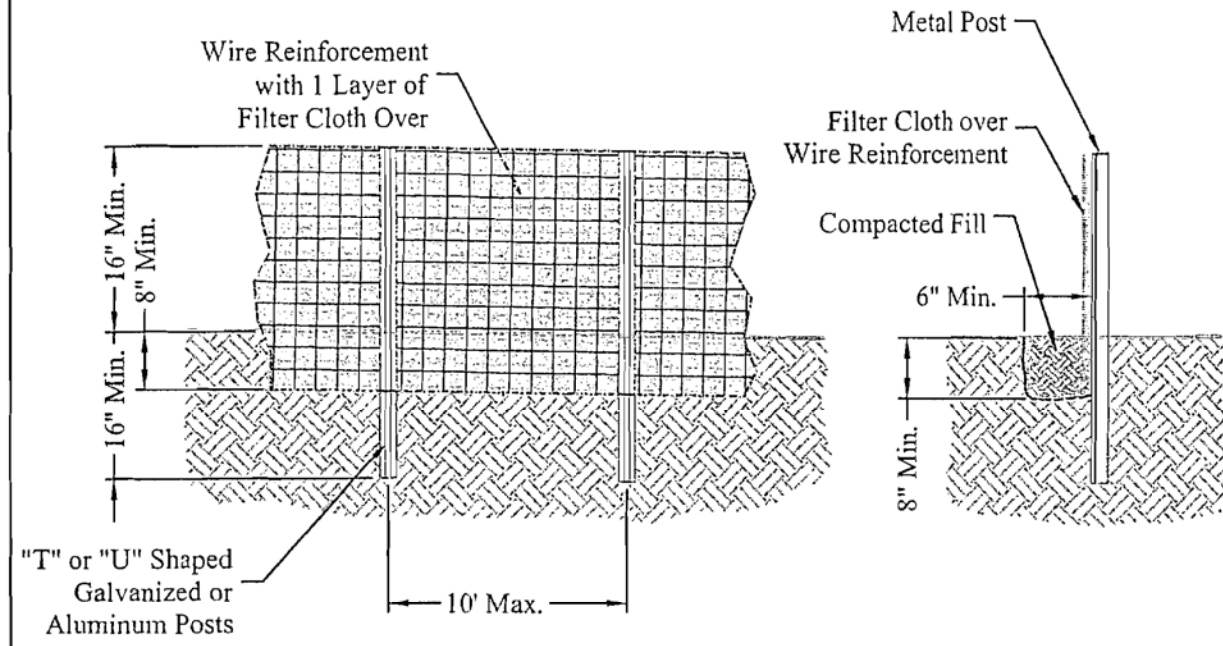


3. Position the mat. Place Inlet Filter on grate with the net side down, flush to the back edge and extending beyond the grate opening on the front and both sides. The zip ties attach Inlet Filter to the inlet grate cover WITHOUT LIFTING THE GRATE COVER.

4. The filter material covering the inlet can be any material that will prevent the sediment and other foreign matter from entering the

storm drain system.

Reinforced Silt Fence



Definition

A temporary barrier of Geotextile Class "F" over wire reinforcement used to intercept sediment laden runoff from small drainage areas.

Purpose

The purpose of silt fence is to reduce runoff where velocity and allow the deposition of transported sediment to occur. Limits imposed by ultraviolet light on the stability of the fabric will dictate the maximum period that the silt fence may be used.

1. Silt fence provides a barrier that can collect and hold debris and soil, preventing the material from entering critical areas, streams, streets, etc.
2. Silt fence can be used where the installation of a dike would destroy sensitive areas; woods, wetlands, etc.

Conditions where the Practice Applies

Silt Fence is limited to intercepting sheet flow runoff from limited distances according to slope. It provides filtering and velocity dissipation to promote gravity settling of sediment.

Design Criteria

Steel posts must be used. Silt fence should be placed as close to the contour as possible. No section of silt fence should exceed a grade of 5 percent for a distance more than 50 feet. Where ends of the geotextile fabric come together, the ends shall be overlapped, folded, and stapled to prevent sediment bypass. The length of the flow contributing to silt fence shall conform to the following limitations.

Slope (%)	Slope Steepness	Slope Length (Ft.) (Maximum)	Silt Fence Length (Ft.) (Maximum)
0-10	0-10:1	Unlimited	Unlimited
10-20	10:1-5:1	200	1,500
20-23	5:1-3:1	100	1,000
23-50	3:1-2:1	100	500
50 +	2:1 +	50	250

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Erosion Control Notes

1. All perimeter erosion and sediment control measures shall be installed prior to the execution of any grading work and maintained by the grading contractor for the duration of the grading project. Failure to install and maintain erosion control is a violation of State Law and subject to fine.

2. The appropriate erosion control devise(s) shall be installed prior to the inception of any land disturbing activity and shall be properly maintained for construction activities.

3. All Erosion Control devices and their installation shall meet the standards prescribed in the current guidelines for storm water management for construction activities.

4. Sediment collected behind the sediment filters and silt fences shall be removed when sediment reaches on third the height of the barrier.

5. **Inspection of erosion and sediment control and other protective measures are required once every 7 days from July 1st to October 31st and once every 14 days from November 1st to June 30th and after a precipitation event of ¼ inch or greater until the site is considered stabilized by the City. Inspection reports are to be kept by the person or entity authorized to direct construction activities on the site**

6. Construction Site Entrance: The contractor shall construct as a minimum one stabilized construction entrance at the location shown on the plans. If additional ingress and egress to the construction site is required, the contractor shall coordinate with the construction manager the location of these additional stabilized construction entrances. Usage of non-stabilized for ingress and egress will not be permitted. The stabilized entrances shall be maintained in a condition which will prevent tracking or flowing of sediment onto public right-of-way and paved driving lanes. This may require periodic top dressing with additional stone as conditions warrant. Repair of the entrances or cleaning of the right-of-way and paved driving lanes that have been soiled shall be performed by the contractor at his own expense satisfactory to the construction manager. When necessary, vehicle wheels and tires shall be cleaned to remove sediment prior to entering onto public right-of-way and public streets. When washing is required, it shall be done on an area stabilized with crushed stone.

7. The contractor shall at his own expense, periodically water the site to control dust.

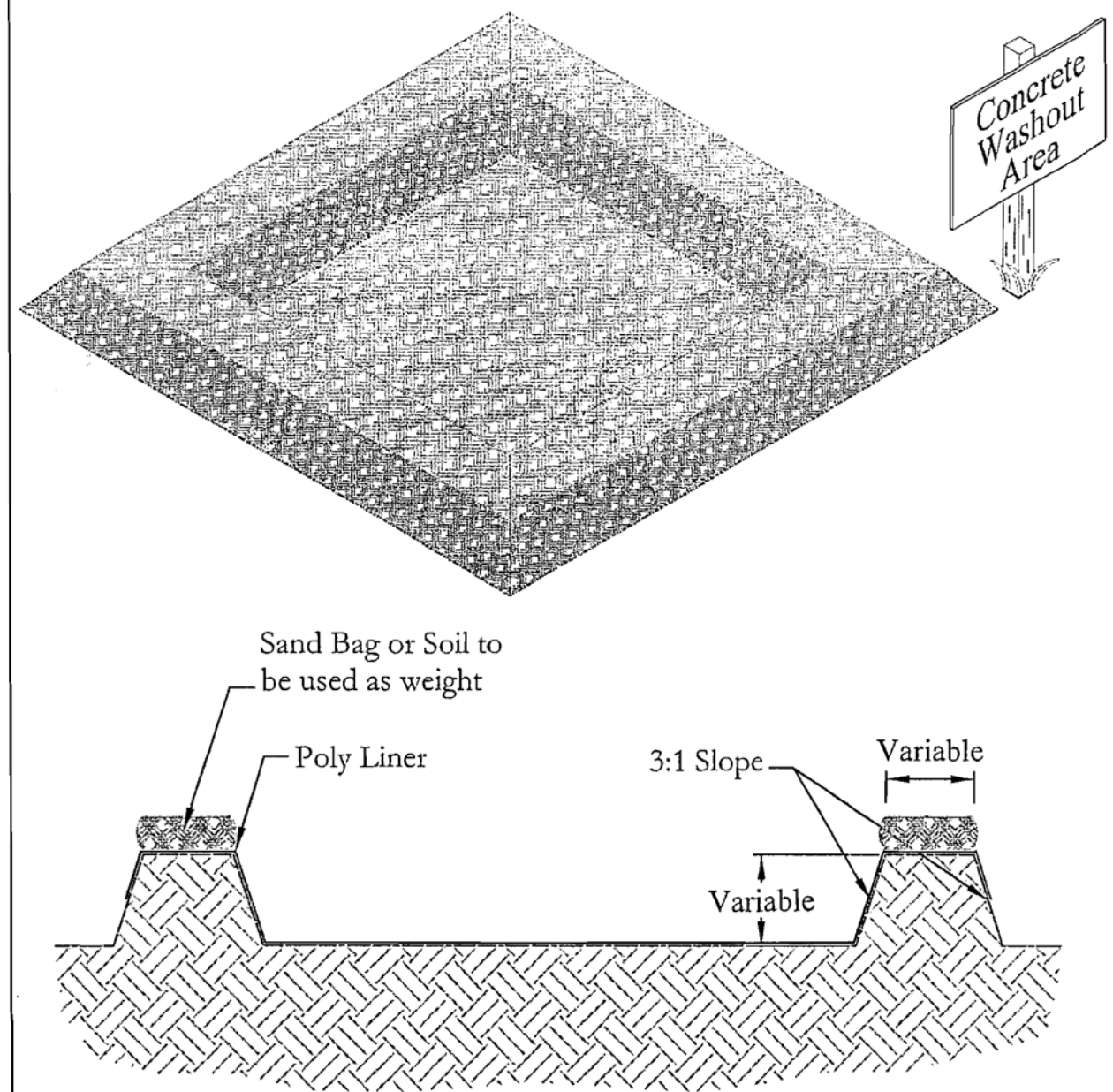
8. Sedimentation and erosion control measures shall be removed following construction or upon permanent stabilization of the disturbed and graded areas, whichever occurs last.

9. All disturbed areas that are not to be paved shall be re-seeded unless noted otherwise.

10. The contractor shall deep the site clean at all times and control dust resulting from the earthwork operation. The contractor shall not track mud onto the public streets.

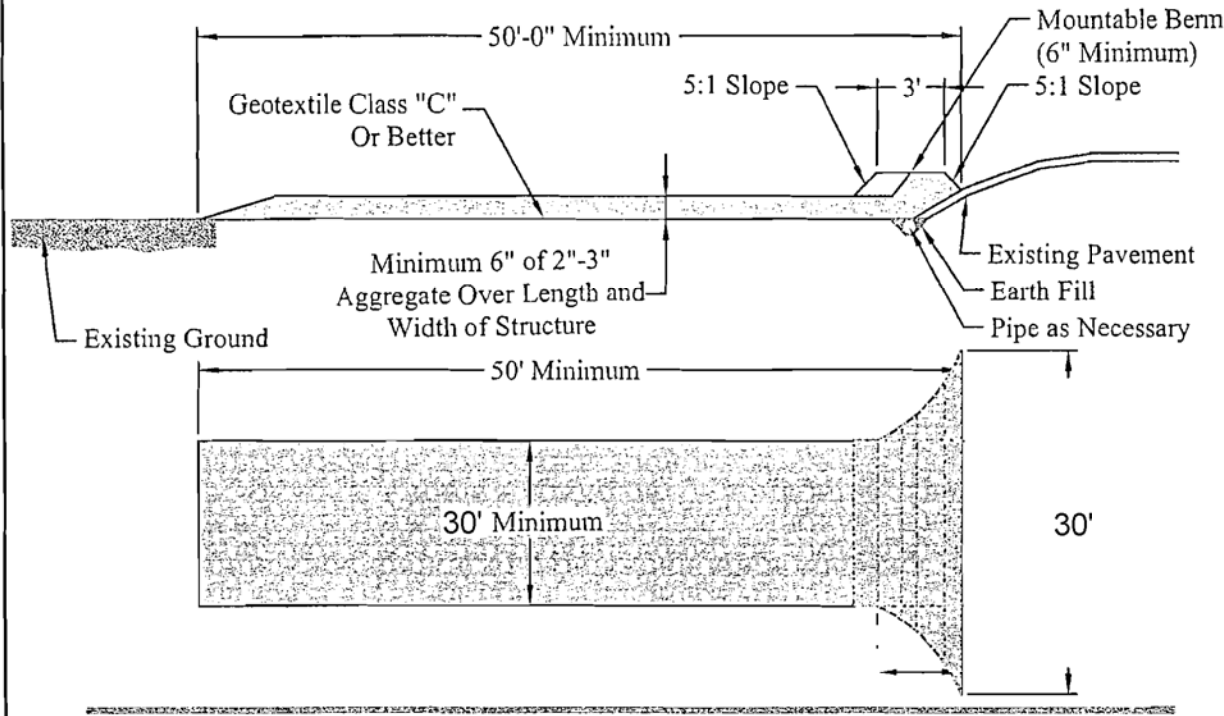
Concrete Washout Area

For use in High Water Table Areas



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Stabilized Construction Entrance



Definition

A stabilized layer of aggregate that is underlain with Geotextile Class "C" (See Standards for Geotextile). Stabilized entrances are located at any point where traffic enters or leaves a construction site.

Purpose

The purpose of the stabilized construction entrance is to reduce tracking of sediment onto streets or public rights-of-way and provide a stable area for entrance or exit from the construction site.

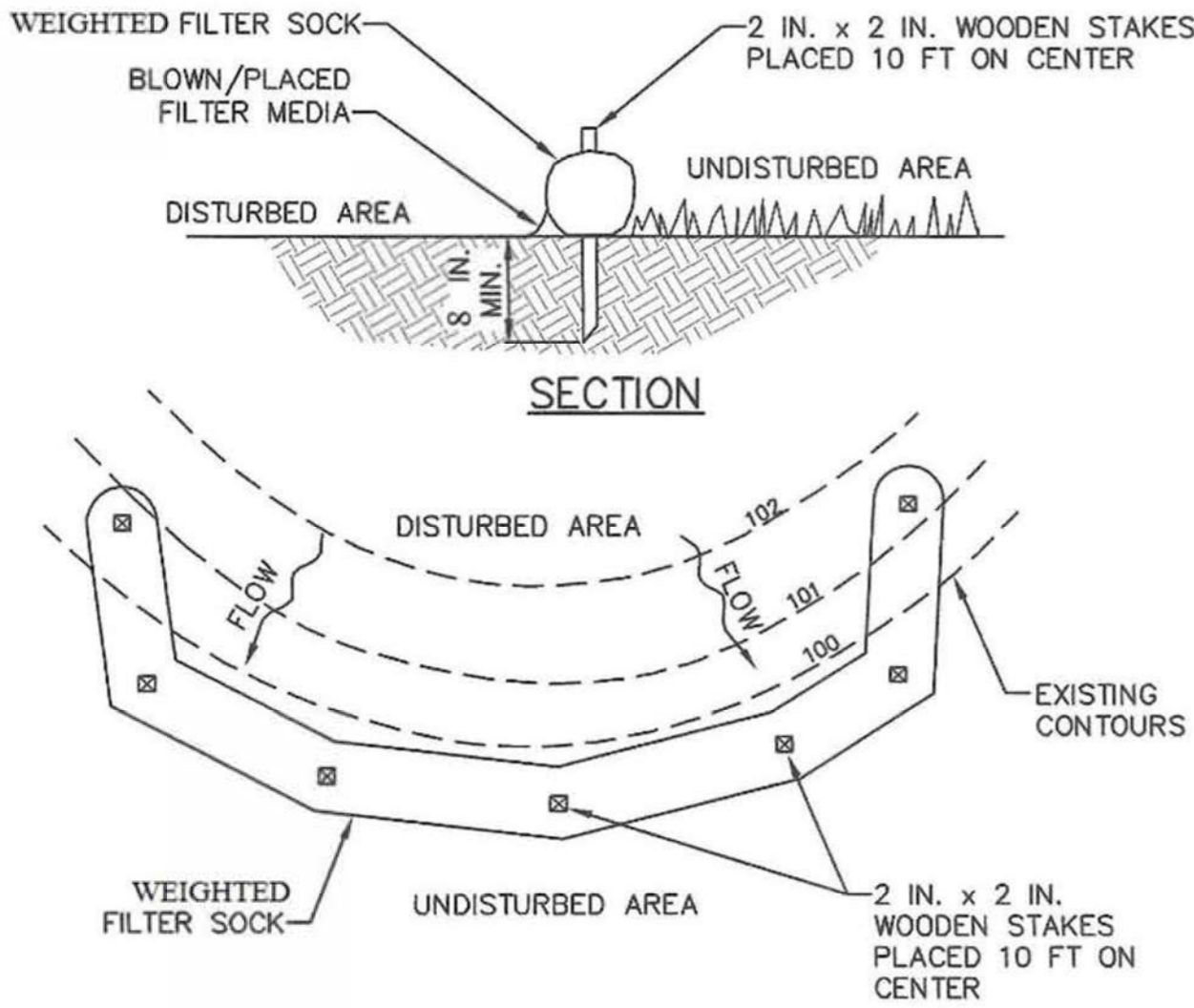
Conditions where the Practice Applies

1. Stabilized construction entrances shall be located at points of construction ingress and egress.
2. For single family residences, the entrance should be located at the permanent driveway.
3. Stabilized construction entrances should not be used on existing pavement.

Design Criteria

1. Length - Minimum of 50'-0"
2. Width - Minimum of 30'-0", should be flared at the existing road to provide a turning radius.
3. Geotextile Class "C" shall be placed over the existing ground prior to placing stone. The Plan approval authority may not require geotextile fabric for single family residence.
4. Stone-crushed aggregate 2"-3" (See Standards for Geotextile and Rock). Recycled concrete equivalent may be used also. The rock should be placed at least 6" deep over the length and width of the entrance.
5. Surface Water - All the surface water flowing to or diverted toward construction entrances shall be piped under the entrance to maintain positive drainage. Pipe installed under the construction entrance shall be protected with a mountable berm. The pipe shall be sized according to the drainage, with the minimum diameter being 6".
6. Location - A stabilized construction entrance shall be located at every point where construction traffic enter of leaves a construction site. Vehicles leaving the site must travel over the entire length of the stabilized construction entrance.

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03/20/2019

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THE GOAT BREWERY

PROJECT TITLE

ALBUQUERQUE, BERNALILLO COUNTY, NM

CITY, COUNTY, STATE

03/20/2019

DATE

C. DURKIN

DRAWN BY



Inspections Plus, Inc.