

LOCATION MAP

SCALE: NTS

SITE WILL HAVE A PERIMETER SECURITY FENCE WITH A MULCH SOCK BASE. STAGING AREA IS REPRESENTATIVE AND MAY BE MOVED TO ACCOMMODATE PROJECT

WATER QUALITY PONDING					
Area (ac)	% Imp.	Imp. Area (ac)	WQ Depth (in)	Required WQ Vol (cu ft)	Provided WQ Vol (cu ft)
0.901	90.0%	0.811	0.34	1001	1086

WATER QUALITY POND NORTH VOLUME				
Elev.	Area (Sq. Ft.)	Vol (Cu. Ft.)	Cum. (Cu. Ft.)	Cum. (Ac. Ft.)
64.6	122	0	0	0.000
65.6	325	226	226	0.005
66.4	628	403	629	0.014

WATER QUALITY POND WEST VOLUME				
Elev.	Area (Sq. Ft.)	Vol (Cu. Ft.)	Cum. (Cu. Ft.)	Cum. (Ac. Ft.)
66.3	92	0	0	0.000
66.8	247	85	85	0.002

WATER QUALITY POND SOUTH VOLUME				
Elev.	Area (Sq. Ft.)	Vol (Cu. Ft.)	Cum. (Cu. Ft.)	Cum. (Ac. Ft.)
64.9	77	0	0	0.000
65.9	250	163	163	0.004
66.7	293	209	373	0.009



03/23/2020
CPESC Stamp

LEGEND

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

- PB -PB -PB -PB PROJECT PERIMETER & DISTURBED AREA
- SF - SF - SF SECURITY FENCE
- MULCH SOCKS
- FLOW DIRECTION
- STAGING AREA
- STABILIZED CONSTRUCTION ENTRANCE
- TRASH RECEPTACLE
- CHEMICAL TOILET
- CONCRETE WASHOUT
- WATER QUALITY POND
- ASPHALT SAW CUT
- CHECK DAM
- DROP INLET PROTECTION
- OUTFALL
- POSTING SIGN
- PRESERVED VEGETATION

RECEIVING WATERS: ONSITE PONDS

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

GPS LOCATION: 35.1991, -106.6602

RETAIL PAD AT COTTONWOOD MALL

PROJECT TITLE

ALBUQUERQUE, BERNALILLO COUNTY, NM

CITY, COUNTY, STATE

03/23/2020

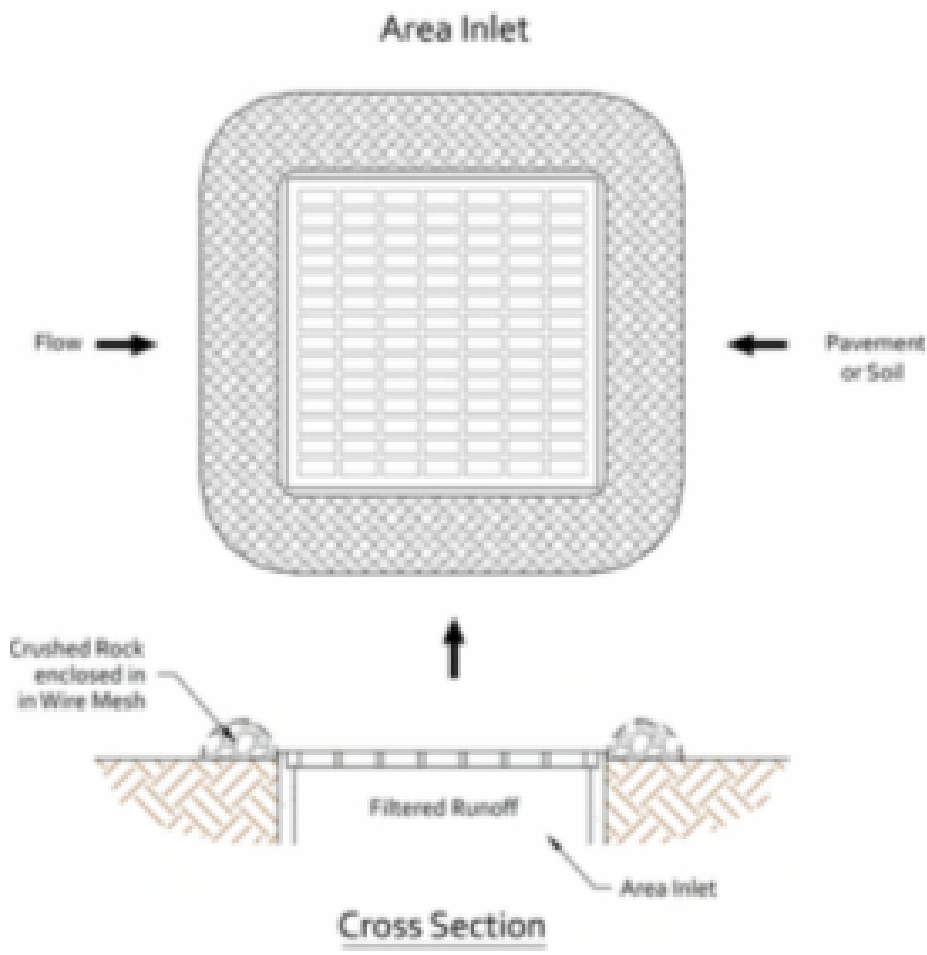
DATE

C. DURKIN

DRAWN BY



INLET PROTECTION



BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control

SILT FENCE



BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control
- Wind Erosion Control

SEDIMENT TRACK OUT CONTROL



BMP Objectives

- Sediment Control

MULCH SOCK/STRAW WATTLE



BMP Objectives

- Sediment Control
- Reduce Runoff Velocity
- Inlet Protection

BERMS AND SWALES



BMP Objectives

- Runoff Control
- Run-on Diversion

EROSION CONTROL NOTES

1. All perimeter erosion and sediment control measures shall be installed prior to the execution of any grading work and shall be maintained for the duration of the project. Failure to install and maintain erosion controls is a violation of the Federal Permit and is subject to fines.
2. 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. NMDOT's August 2012 BMP Manual, Appendix A
3. Sediment collected behind sediment filters and Silt Fences shall be removed when sediment reaches 1/3 the height of the barrier.
4. Routine Self-Inspections are required to review the project for compliance with the City Ordinance and the Construction General Permit according to the receiving water for the site. For sites that discharge to Sensitive Waters, inspection of erosion and sediment controls and other protective measures are required once every 7 and within 24 hours of Storm Events that produce 0.25 inches or more. All other sites must conduct Self-Inspections once every 14 days and within 24 hours of Storm Events that produce 0.25 inches or more. All inspections shall continue until the site construction has been completed and the site is determined 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.
5. Erosion and Sediment control measures shall be removed following construction or upon permanent stabilization of the disturbed/graded areas, whichever occurs last.
6. All disturbed areas that are not to be paved shall be reseeded. Unless otherwise specified, Native Grass Seeding and mulch per COA STD 1012 is required for final stabilization prior to removal of BMPs and discontinuation of inspections.
7. The Contractor shall keep the site clean at all times and control dust resulting from earthwork operations. The Contractor shall not track mud or sediment from the site onto the public streets.

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