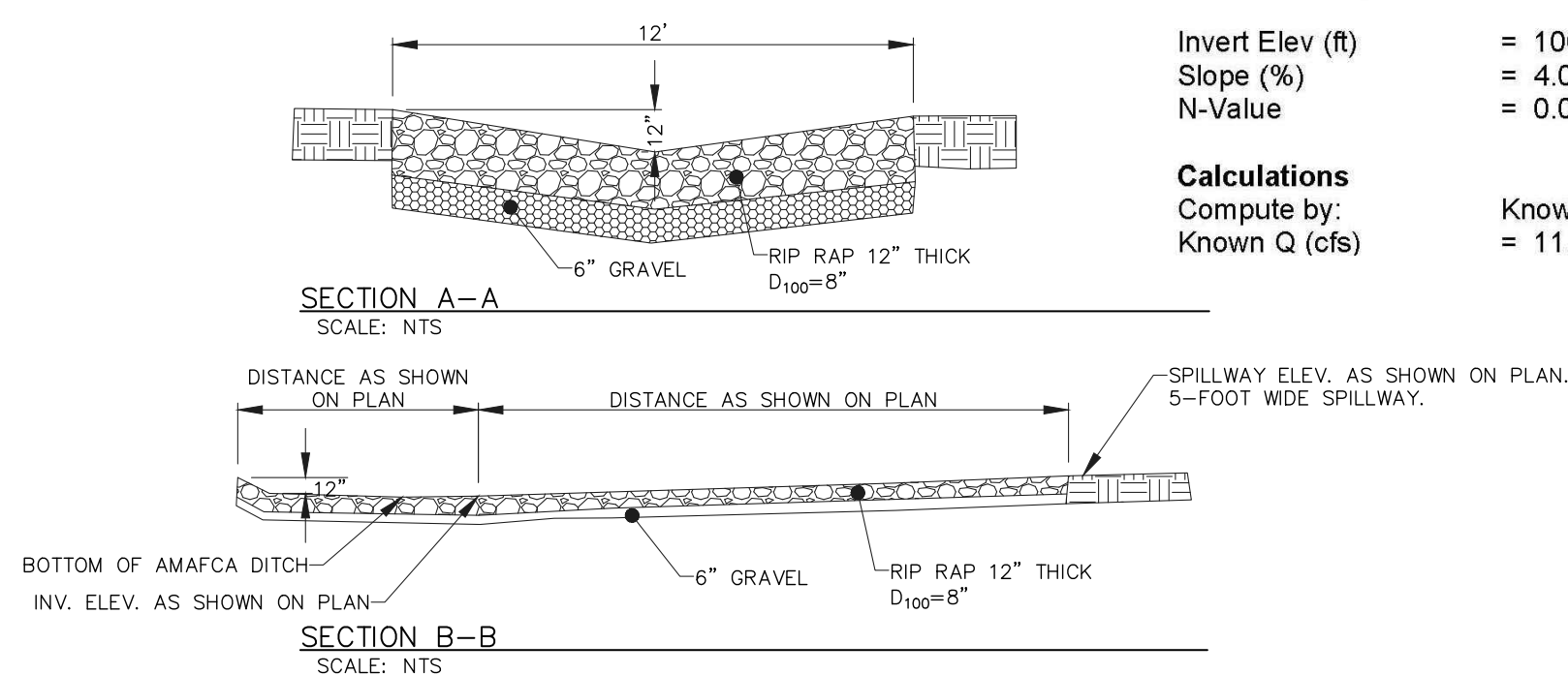


FIRST FLUSH STORAGE:
WATER QUALITY STORAGE NEEDED=26,600 SQ.FT.*(34")*(1'/12")=754 CU.FT.

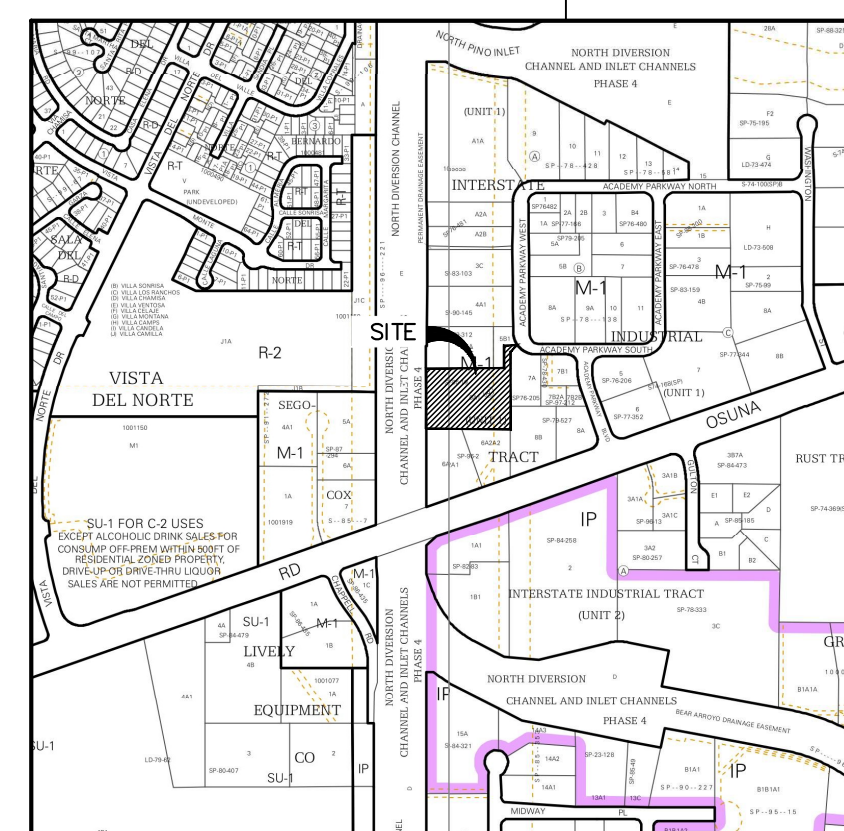
Triangular			
Side Slopes (z:1)	= 6.00, 6.00		
Q (cfs)	= 1.00		
Total Depth (ft)			
Invert Elev (ft)	= 100.00		
Slope (%)	= 4.00		
N-Value	= 0.033		
Calculations			
Compute by:	Known Q		
Known Q (cfs)	= 11.00		
Highlighted			
Depth (ft)	= 0.66		
Q (cfs)	= 11.00		
Area (sqft)	= 2.61		
Velocity (ft/s)	= 4.21		
Wetted Perim (ft)	= 8.03		
Crit Depth, Yc (ft)	= 0.74		
Top Width (ft)	= 7.92		
EGL (ft)	= 0.94		



1 GRAVEL RUNDOWN DETAIL



FLOOD INSURANCE RATE MAP
MAP NO. 35001C01366
EFFECTIVE DATE: 09/26/2008



ZONE ATLAS MAP
PAGE K-15-Z

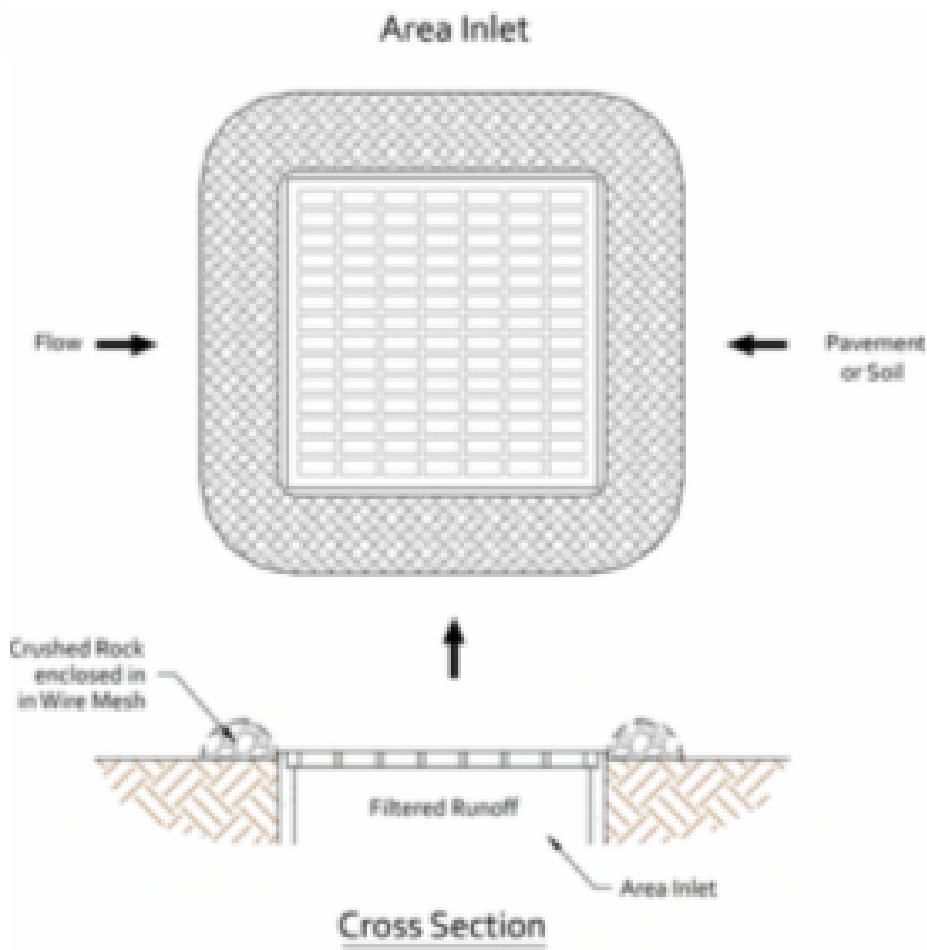


09/10/2019
CPESC Stamp

LEGEND	
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN	
	PROJECT PERIMETER & DISTURBED AREA
	SILT FENCE
	MULCH SOCKS
	FLOW DIRECTION
	STAGING AREA
	PAVED CONSTRUCTION ENTRANCE
	TRASH RECEPTACLE
	CHEMICAL TOILET
	CONCRETE WASHOUT
	WATER QUALITY POND
	DRAINAGE FLOW SWALE
	CHECK DAM
	DROP INLET PROTECTION
	OUTFALL
	POSTING SIGN
	PRESERVED VEGETATION

RECEIVING WATERS: RIO GRANDE 2105_50 VIA ALBUQUERQUE MS4, TIER II AND IMPAIRED WITH PCBs, DISSOLVED OXYGEN, AND E. COLI	
CRITICAL HABITAT: CRITERION "A"; NO CRITICAL HABITATS WITHIN PROJECT AREA	
GPS LOCATION: 35.1552, -106.6038	
ACADEMY PARKWAY SELF STORAGE	
PROJECT TITLE	
ALBUQUERQUE, BERNALILLO COUNTY, NM	
CITY, COUNTY, STATE	
09/10/2019	DATE
C. DURKIN	DRAWN BY
INSPECTIONS PLUS	

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 CONTOL 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 Controls and their installation shall meet manufacturer specification and comply with the current guidelines for Stormwater Management for Construction Activities.
3. Sediment collected behind sediment filters and Silt Fences shall be removed when sediment reaches 1/3 the height of the barrier.
4. Inspection of erosion and sediment controls and other protective measures are required once every 7 days from July 1st to October 31st and once every 7 days from November 1st to June 30th for discharge to tier and Sensitive Waters. Storm Events that produce 0.25' or more shall be inspected within 24 hours of the storm event.
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 noted.
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.

RECEIVING WATERS:	RIO GRANDE 2105_50 VIA ALBUQUERQUE MS4, TIER II AND IMPAIRED WITH PCBs, DISSOLVED OXYGEN, AND E. COLI		
CRITICAL HABITAT:	CRITERION "A"; NO CRITICAL HABITATS WITHIN PROJECT AREA		
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