

**GENERAL STORMWATER POLLUTION PREVENTION NOTES**

- All erosion and sediment control practices must conform to the standards and specifications set forth by the Local, State, and Federal Authorities.
- Construction activities shall be scheduled such that a minimum area of the site is disturbed at a time. Construction operation shall be scheduled and performed so that preventative soil erosion control measures are in place prior to excavation in critical areas and temporary stabilization measures are in place immediately following backfilling operations. Contractor shall reduce effects of storm water by using and/or maintaining grassed swales, infiltration structures, or water diversions.
- Special precautions will be taken in the use of construction equipment to prevent situations that promote erosion.
- Cleanup will be done in a manner to ensure that erosion control measures are not disturbed.
- The soil erosion controls are to be inspected once a week and within 24 hours of a 0.25 inch or greater rain event. A written log of these inspections and improvements to controls shall be kept on site. The logs shall include the date of inspection, name of the inspector, weather conditions, actions taken to correct any problems and the date corrective actions were taken.
- Temporary soil stabilization shall occur within 7 days after rough grading if the area will remain idle longer than 21 days. Any disturbed area that is not going to be worked for 21 days or more must be seeded and mulched.
- Trenches for underground utility lines and pipes shall be temporarily stabilized within 7 days if they are to remain inactive for 21 days. Trench dewatering devices shall discharge in a manner that filters soil-laden water before discharging it to a receiving drainage ditch or pond. If seeding, mulching or other erosion and sediment control measures were previously installed, these protective measures shall be reinstalled. Pipelines with joints that allow a manufactured length of pipe to be placed in the trench with the pipe joint assembled/made in the trench require an open pipeline trench that is only slightly longer than the length of pipe being installed. The total length of excavated trench open at any time should not be greater than the total length of pipeline/utility that can be placed in the trench and backfilled in one working day. No more than 50 linear feet of open trench should exist when pipeline/utility line installation ceases at the end of the work day.
- Soil stockpiles shall be stabilized or protected to prevent soil loss.
- All disturbed areas shall be permanently stabilized within 7 days of final grading. Further, soil erosion control measures shall be maintained until permanent stabilization is complete, at which time temporary measures will be removed. Permanent vegetation is a ground cover dense enough to cover 80% of the soil surface and mature enough to survive winter weather conditions.
- Silt fence to be 2' minimum from property lines in areas where work is near adjacent properties.
- The Contractor shall establish a permanent on-site benchmark prior to clearing, grubbing and/or demolition.
- Haul Routes - The Contractor shall be responsible for the cleanup of any mud, dirt, or debris deposited on haul roads as a result of his operations. Pipelines with joints that allow a manufactured length of pipe to be placed in the trench with the pipe joint assembled/made in the trench require an open pipeline trench that is only slightly longer than the length of pipe being installed. The total length of excavated trench open at any time should not be greater than the total length of pipeline/utility that can be placed in the trench and backfilled in one working day. No more than 50 linear feet of open trench should exist when pipeline/utility line installation ceases at the end of the work day.
- No solid or liquid waste shall be discharged into storm water runoff.
- Disposal of solid, sanitary and toxic waste - Solid, sanitary and toxic waste must be disposed of in a proper manner in accordance with local, state and federal regulations. It is prohibited to burn, bury or pour out onto ground or into storm sewer any solvents, paint, stains, gasoline, diesel fuel, used motor oil, hydraulic fluid, antifreeze, cement curing compounds and other such toxic or hazardous waste.
- Wash out of cement trucks should occur in the designated area where the washing can collect and be disposed of properly when it hardens.
- If a concrete washout area, and/or a stockpile area are needed, a delineated area for each must be provided and maintained for them. Areas can be located in an alternate location than that shown on the plans if necessary due to construction operations and other field considerations.
- No fuel storage is permitted on-site.
- All infiltration, detention, and retention areas shall be cleared of construction sediment upon completion of construction.
- The General Contractor shall be responsible for submitting a Notice of Intent (NOI) and Notice of Termination (NOT) as required by the New Mexico Environment Department.

**SOIL EROSION CONTROL SEQUENCE OF CONSTRUCTION**

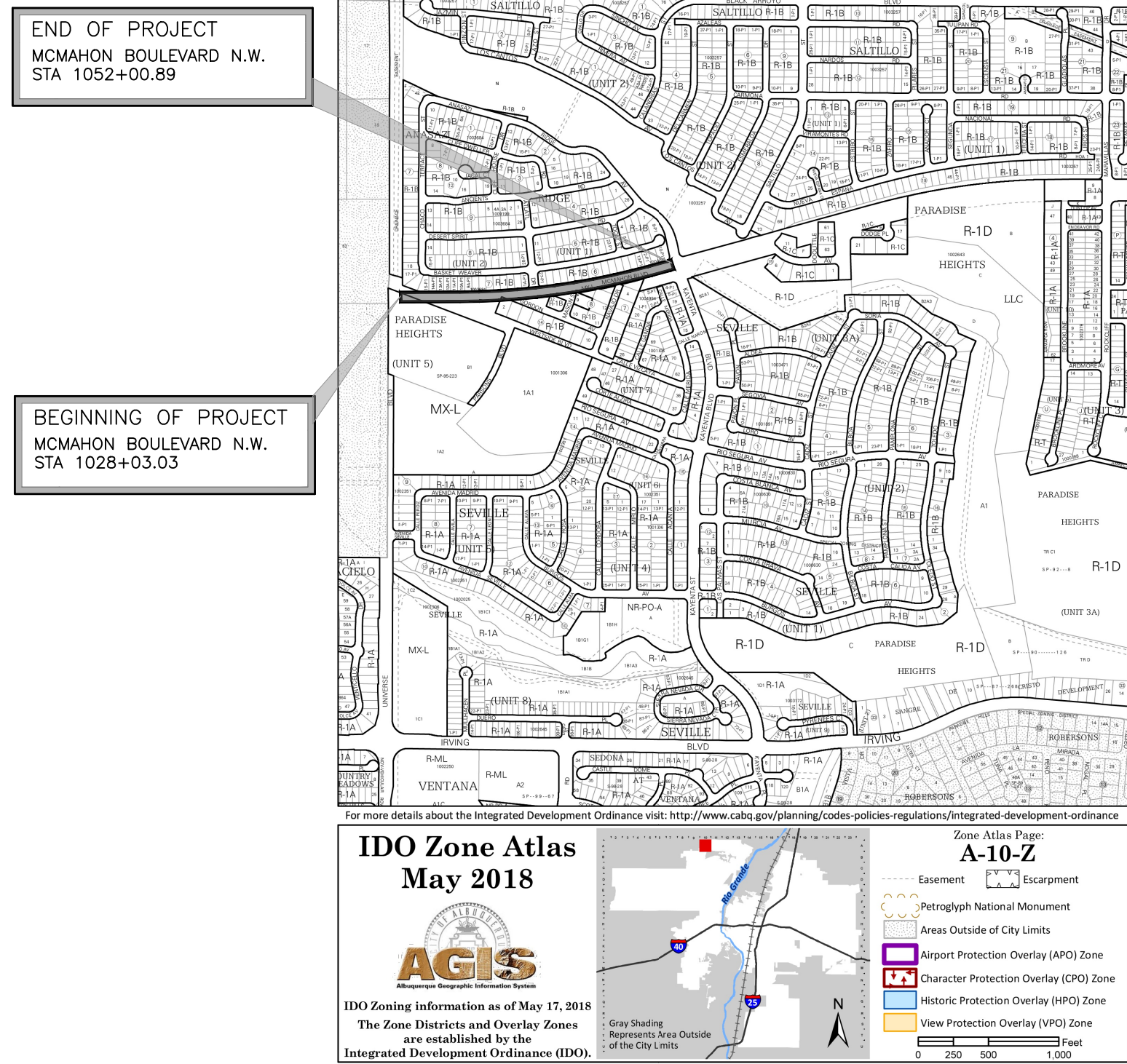
- Install silt fence and protection fencing.
- Initial clearing, grubbing, and demolition.
- Strip and stockpile top soil.
- Rough grade and balance site.
- Install underground utilities (i.e. Sanitary, Storm & Water)
- Place inlet filters on all storm inlets.
- Install franchise utilities (i.e. Gas, Electric, Telephone & Cable TV).
- Final grade site.
- Install pavement, curb, and other hardscape structures/surfaces.
- Stabilize ditches, swales, common areas and slopes.
- Establish permanent vegetation for all disturbed areas.
- Remove all temporary erosion and sediment control devices.
- Clean out storm sewer system, infiltration, detention, and retention areas upon completion.

**SOIL EROSION CONTROL MAINTENANCE**

- Inlet protection devices and barriers shall be repaired or replaced if they show signs of undermining or deterioration.
- All seeded areas shall be checked regularly to see that a good stand is maintained. Areas should be fertilized, watered, and reseeded as necessary.
- Silt fences shall be repaired to their original conditions if damaged. Sediment shall be removed from the silt fences when it reaches one-half the height of the silt fence.
- The construction entrance shall be maintained in a condition which will prevent tracking or flow of mud onto public rights-of-way.
- Sediment from the infiltration, detention, and retention areas shall be removed as necessary to maintain proper functionality.

**SOIL EROSION CONTROL NOTES**

All stormwater inlets shall be protected with Geotextile Inlet Protection or Inlet Filters (Dandy Products, Flexstorm, or equivalent).



**VICINITY MAP**

ZONE ATLAS MAP A-10-Z  
SCALE: 1" = 1000'

**CITY OF ALBUQUERQUE ESC PLAN STANDARD NOTES**

- 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:
  - The City Ordinance § 14-5-2-11, the ESC Ordinance.
  - The EPA's 2022 Construction General Permit (CGP), and
  - The City of Albuquerque Construction BMP Manual.
- 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 BMP's and prior to beginning construction.
- Self-inspections - In accordance with City Ordinance § 14-5-2-11(C)(1), "at a minimum a routine 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 and made available upon request.
- Corrective action reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request.
- Final Stabilization and Notice of Termination (NOT) - In accordance with City Ordinance § 14-5-2-11(C)(1), self-inspections must continue until the site is "determined as stabilized by the city." The property owner/operator is responsible for determining when the "Conditions for Terminating CGP Coverage" per CGP Part 8.2 are satisfied and then for filing their Notice of Termination (NOT) with the EPA. Each operator may terminate CGP coverage only if one or more of the conditions in Part 8.2.1, 8.2.2, or 8.2.3 has occurred. After filing the NOT with the EPA, the property owner is responsible for requesting a Determination of Stabilization from the City.
- When doing work in the City right-of-way (e.g. sidewalk, drive pads, utilities, etc.) prevent dirt from getting into the street. If dirt is present in the street, the street should be swept daily or prior to a rain event or contractor induced water event (e.g. curb cut or water test).
- When installing utilities behind the curb, the excavated dirt should not be placed in the street.
- When cutting the street for utilities the dirt shall be placed on the uphill side of the street cut and the area swept after the work is complete. A wattle or mulch sock may be placed at the toe of the excavated dirt pile if site constraints do not allow placing the excavated dirt on the uphill side of the street cut.
- ESC Plans must show longitudinal street slope and street names. On streets where the longitudinal slope is steeper than 2.5%, wattles/mulch socks or j-hood silt fence shall be shown in the front yard swale or on the side of the street.

**NRCS WEB SOIL SURVEY ON-SITE SOILS**  
BCC - Bluepoint Loamy Fine Sand (Ksat = 6.00 to 20.04 in/hr) (100.0% of site)

**PRE-CONSTRUCTION SITE CONDITIONS**

The existing site is composed of parts of an existing roadway and an undeveloped area with native vegetative cover and bare soil.  
Area of Disturbance - Impervious Pavement / Medians = 0.30 Acres (7%)  
Area of Disturbance - Pervious Ground = 3.83 Acres (93%)

**WATERS OF THE U.S.**  
Site drains to the Calabacillas Arroyo to the east.

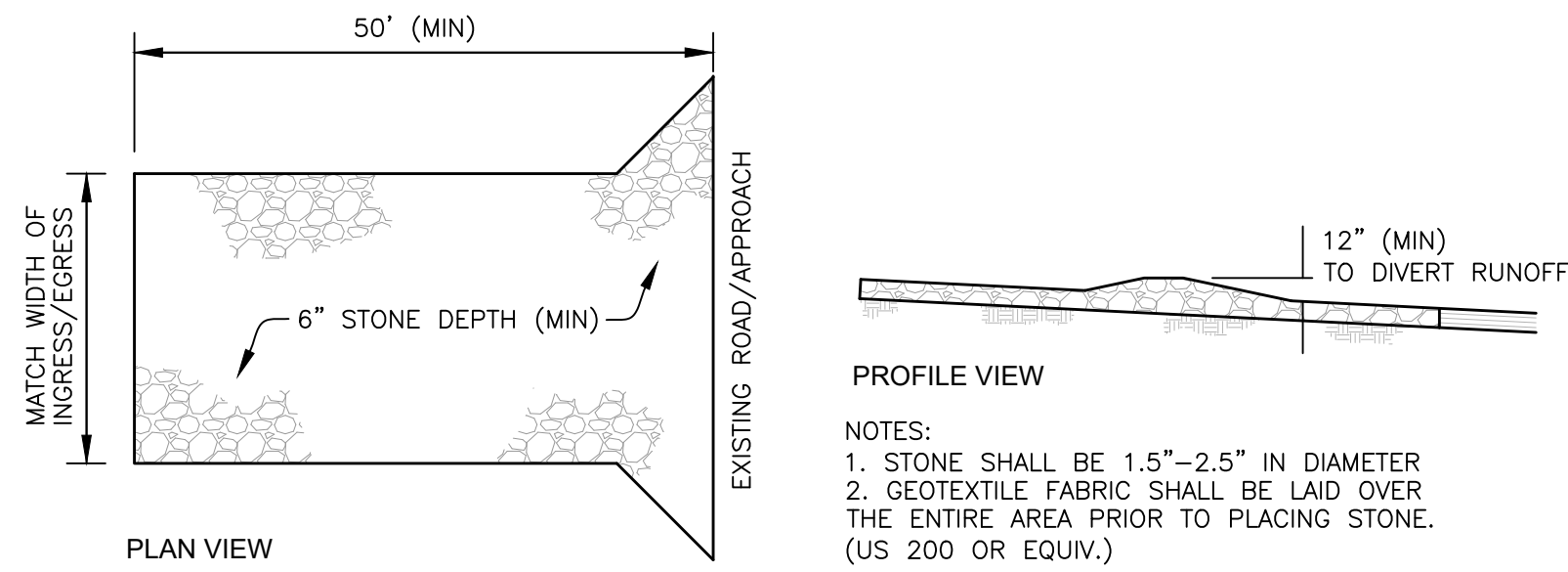
**CRITICAL HABITAT**  
The proposed development is not within a critical habitat.

**TOTAL DISTURBED AREA**  
**4.13 ± acres**

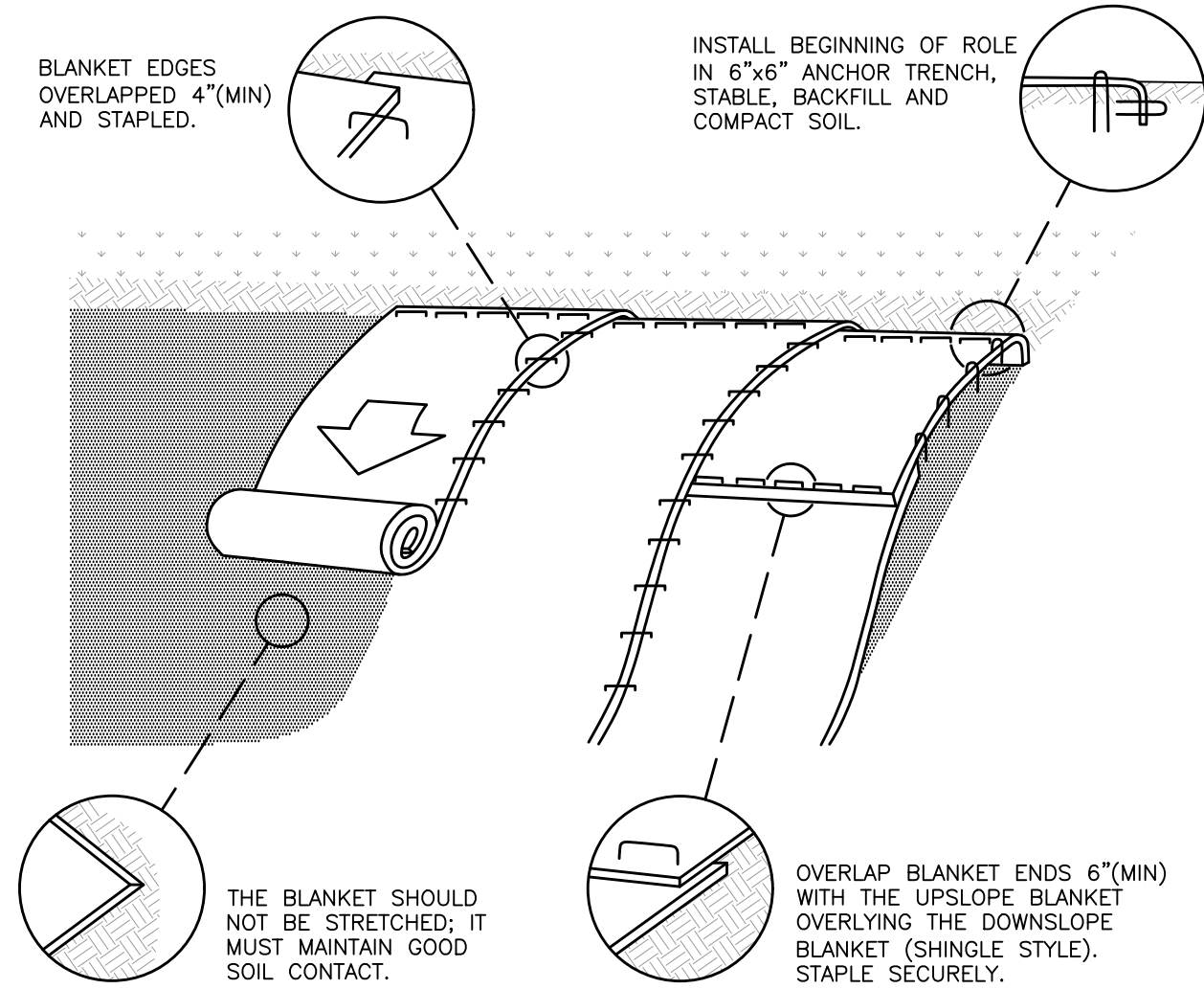
**VERTICAL & HORIZONTAL CONTROL:**

Existing conditions and topography are based on a field survey of the subject area performed and compiled by Terra Land Surveys, LLC in December 2022.  
\*Basis of Bearing: Bearings are based State Plane Coordinate System, South Zone, NAVD88.

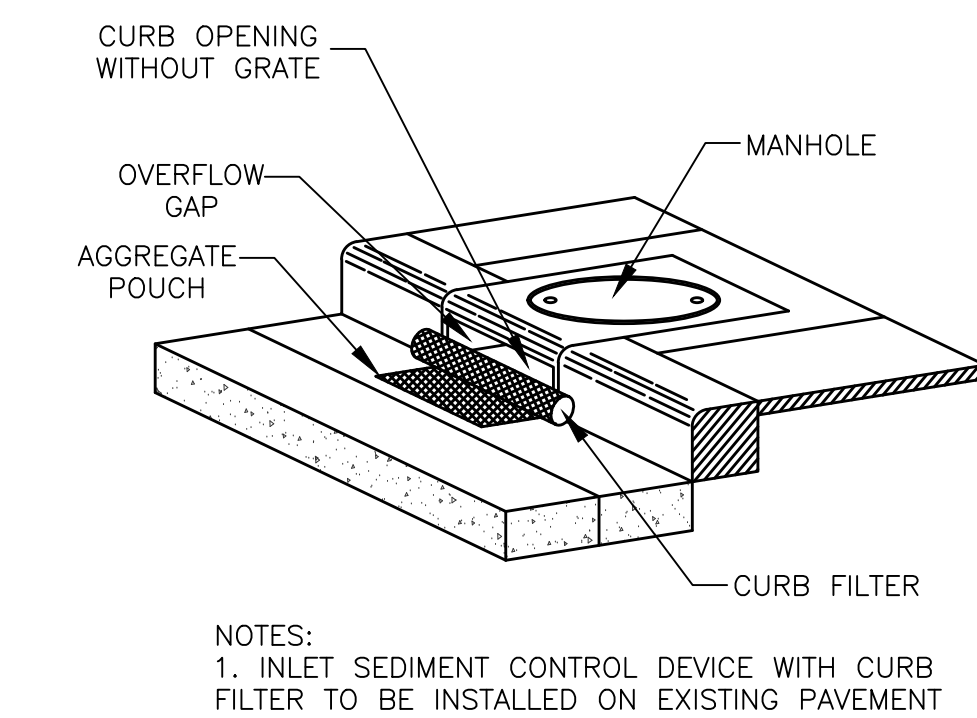
BM#1 Description: ACS Control Monument "9-A11 2006"  
Elevation: 5301.647



**CONSTRUCTION ENTRANCE DETAIL**  
NOT TO SCALE



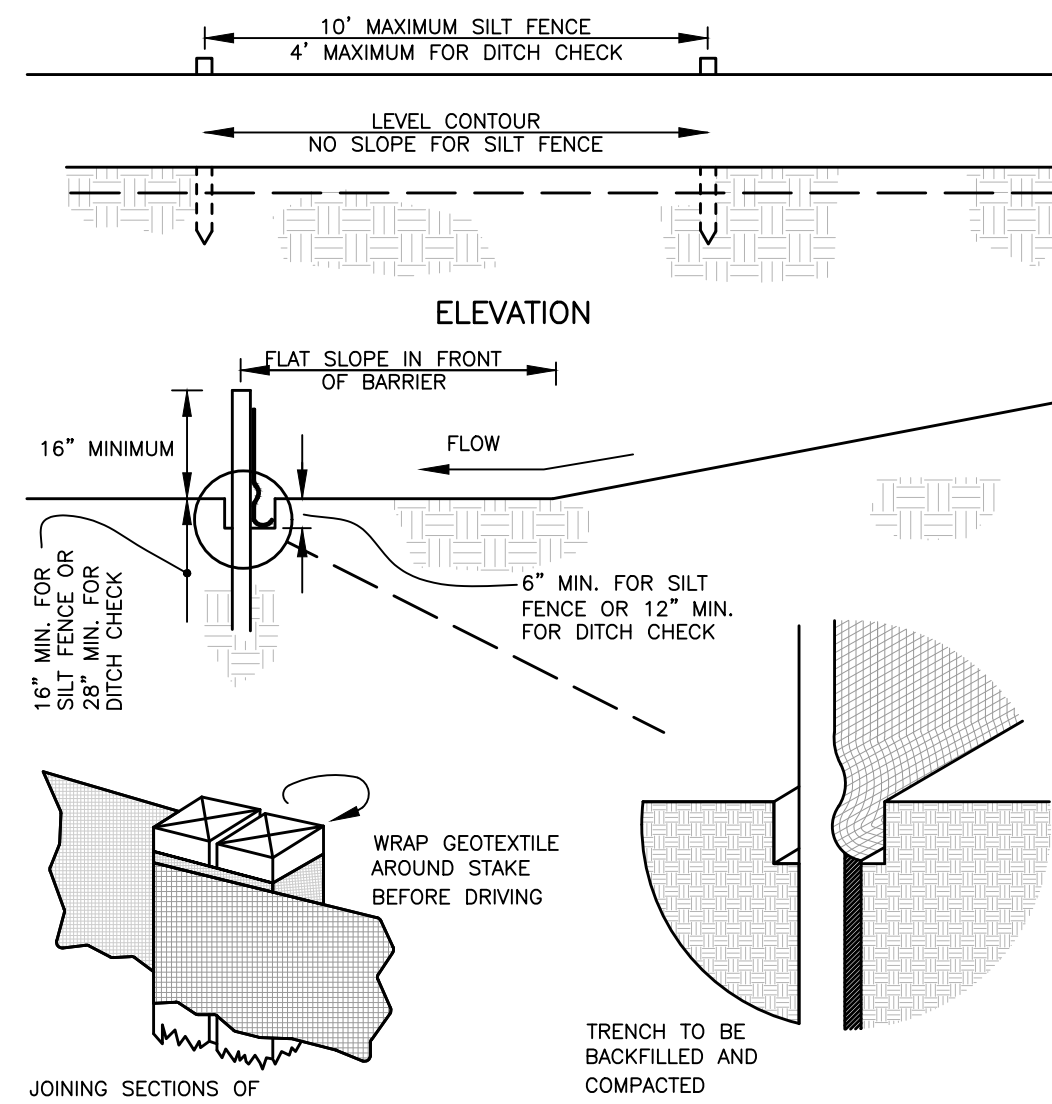
**EROSION CONTROL BLANKET**  
NOT TO SCALE



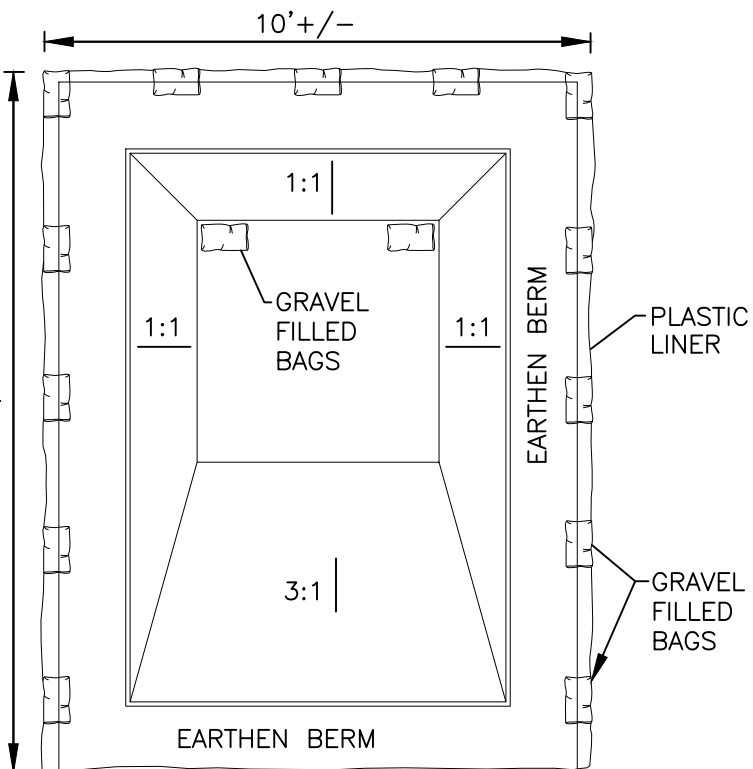
**DANDY CURB™ DETAIL**  
NOT TO SCALE

**CONSTRUCTION NOTES**

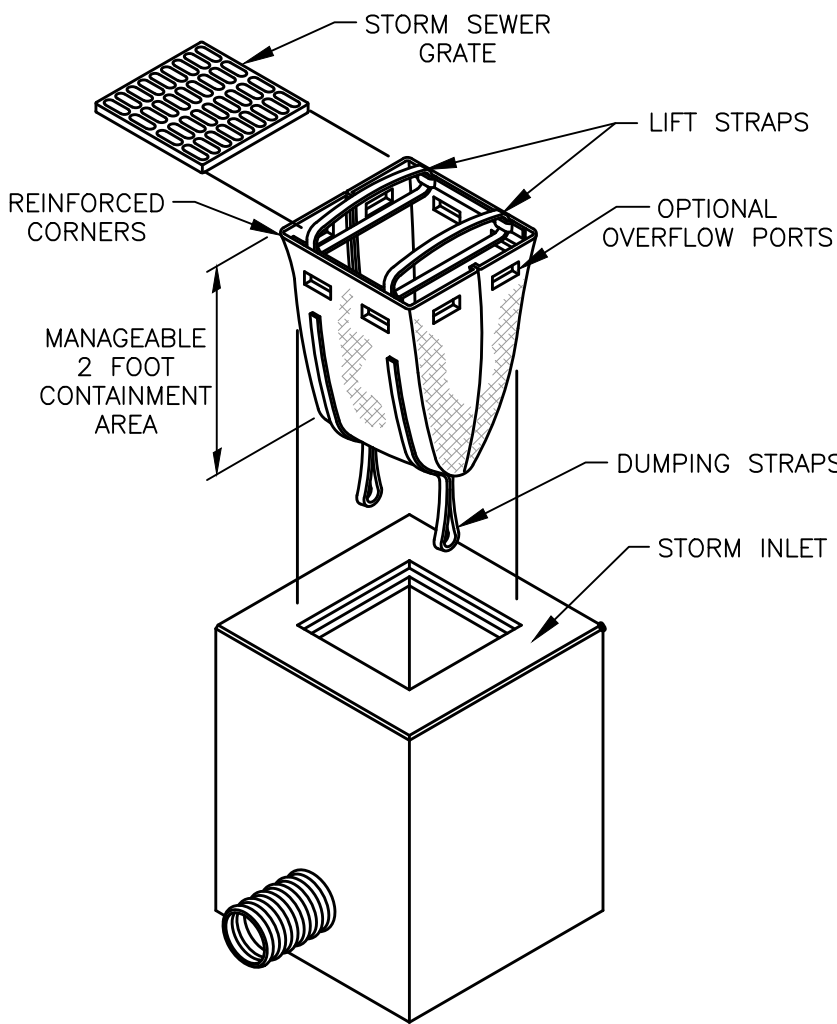
- IF PRINTED SHEET IS NOT 24"X36" USE GRAPHIC SCALE ACCORDINGLY.
- ALL DIMENSIONS ARE TO LIP OF GUTTER OR FRONT OF SIDEWALK UNLESS OTHERWISE NOTED.
- GATE STATIONING IS WEST MOST POINT.



**SILT FENCE & SILT DITCH CHECK DETAIL**  
NOT TO SCALE



**CONCRETE WASHOUT AREA**  
NOT TO SCALE



**DANDY SACK™ DETAIL**  
NOT TO SCALE

**SITE OPERATORS**  
OWNER / DEVELOPER  
Scorpion 505 Development, LLC  
Contact: Scooter Haynes  
Phone: 505.898.6682  
Email: scooter@scmpartners.com

**STORMWATER TEAM**  
CONTRACTOR  
Architectural Contractors, Inc  
Contact: Scooter Haynes  
Phone: 505.898.6682  
Email: scooter@scmpartners.com



28 North Cherry Street | Germantown, Ohio 45327 | Phone: 937-388-0099 | BURKHARDTINC.COM  
CIVIL ENGINEERING | LAND SURVEYING | NATIONAL RETAIL SITE DEVELOPMENT

**CITY OF ALBUQUERQUE**  
DEPARTMENT OF MUNICIPAL DEVELOPMENT  
ENGINEERING DIVISION  
**McMAHON BOULEVARD WIDENING**  
EROSION CONTROL PLAN  
NOTES AND DETAILS

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

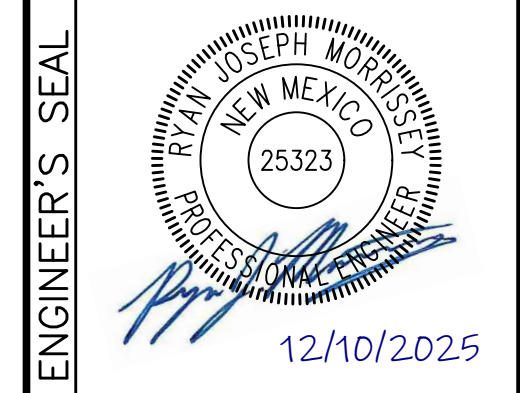
  

NO.	DATE	BY	REVISIONS

DESIGNED BY	DRAWN BY	CHECKED BY	DATE	DATE	DATE
MKS	MKS	RJM	12/10/2025	12/10/2025	12/10/2025

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION	
CONTRACTOR	WORK STAKED BY	ACS Control Monument "9-A11 2006"	DATE	FIELD NOTES	NO.
	FIELD ACCEPTANCE BY	Elevation = 5301.647 (NAVD 88)			
	DRAWINGS BY				
	CORRECTED BY				
	RECORDED BY				



**TAKE CAUTION DURING EXCAVATION:**  
THERE ARE UNDERGROUND UTILITY MAINS IN THE CONSTRUCTION AREA WHICH MAY NOT HAVE BEEN LOCATED ACCURATELY BY THE SURVEYOR/UTILITY OWNERS. NOTIFY "811" IN ADVANCE OF DIGGING TO HAVE LINES MARKED.

NOTIFY CITY OF ALBUQUERQUE - CLEAN CITY DEPARTMENT PRIOR TO DEMOLITION. SALVAGE LANDSCAPE & IRRIGATION IN MEDIAN TO CLEAN CITY DEPARTMENT. CALL: 505.263.8859

If the project total area of disturbance (including the staging area and any work within the adjacent Right-of-Way) is 1 acre or more, then an Erosion and Sediment Control (ESC) Plan and Owner's certified Notice of Intent (NOI) is required to be submitted to the Stormwater Quality Engineer (Doug Hughes, PE, dhughes@cabq.gov, 924-3420) 14 days prior to any earth disturbance.



