

EROSION CONTROL PLAN & POLLUTION PREVENTION NOTES

CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.

CONTRACTOR IS RESPONSIBLE FOR CLEARING ALL SEDIMENT FROM EXISTING RIGHT OF WAY.

CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL STORM RUNOFF ON SITE.

REPAIR OF DAMAGED FACILITIES AND CLEAN UP OF SEDIMENT ACCUMULATION ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR IN COMPLIANCE WITH THE SWPPP FOR THIS SITE.

ALL EXPOSED EARTH SURFACES SHALL BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL ACCEPTANCE OF ANY PROJECT.

ALL DISTURBED AREAS MUST BE REVEGETATED.

ALL EROSION & 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 PARAGRAPH 14-5-2-11, THE ESC ORDINANCE,
- THE EPA'S 2017 CONSTRUCTION GENERAL PERMIT (CGP), AND
- THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL.

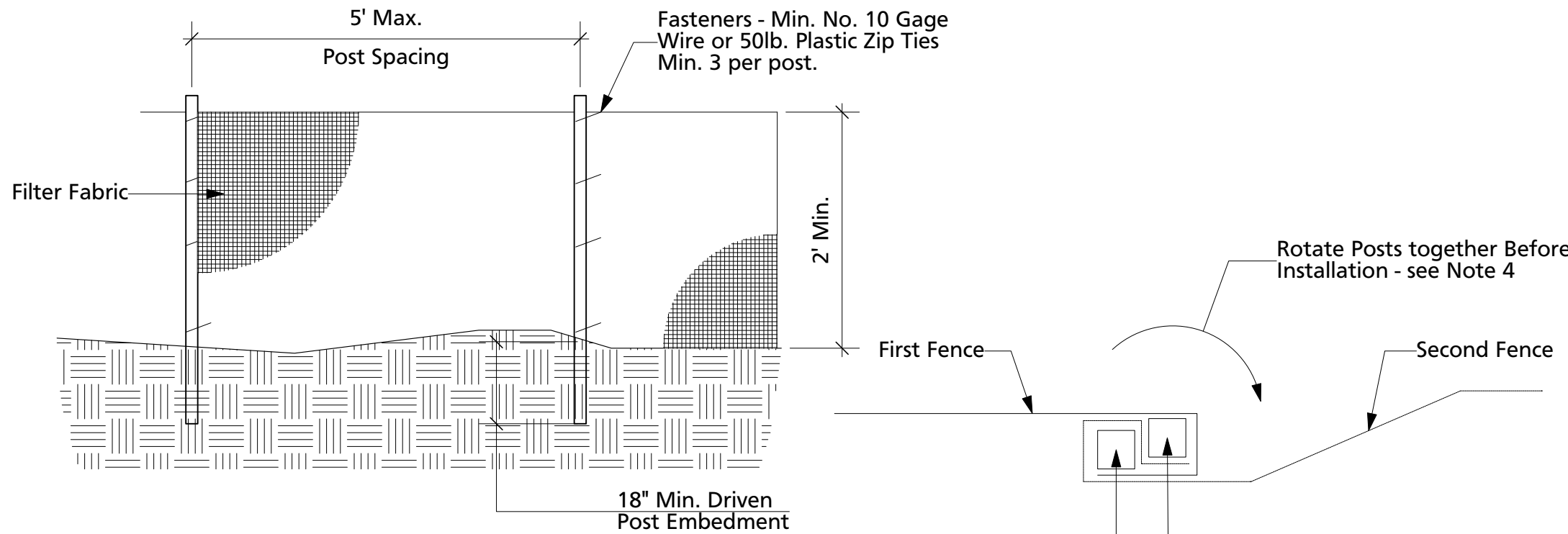
ALL BMP'S MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMP'S SUCH AS SEDIMENT TRAPS, SEDIMENT BASIN, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OF EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE BMP'S AND PRIOR TO 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 0.25" 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.

BMP'S SHALL BE INSPECTED AND MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED. UNLESS OTHERWISE SPECIFIED, NATIVE GRASS SEEDING AND MULCH PER COA STD 1012 IS REQUIRED FOR FINAL STABILIZATION PRIOR TO REMOVAL OF BMP'S AND DISCONTINUATION OF INSPECTIONS.

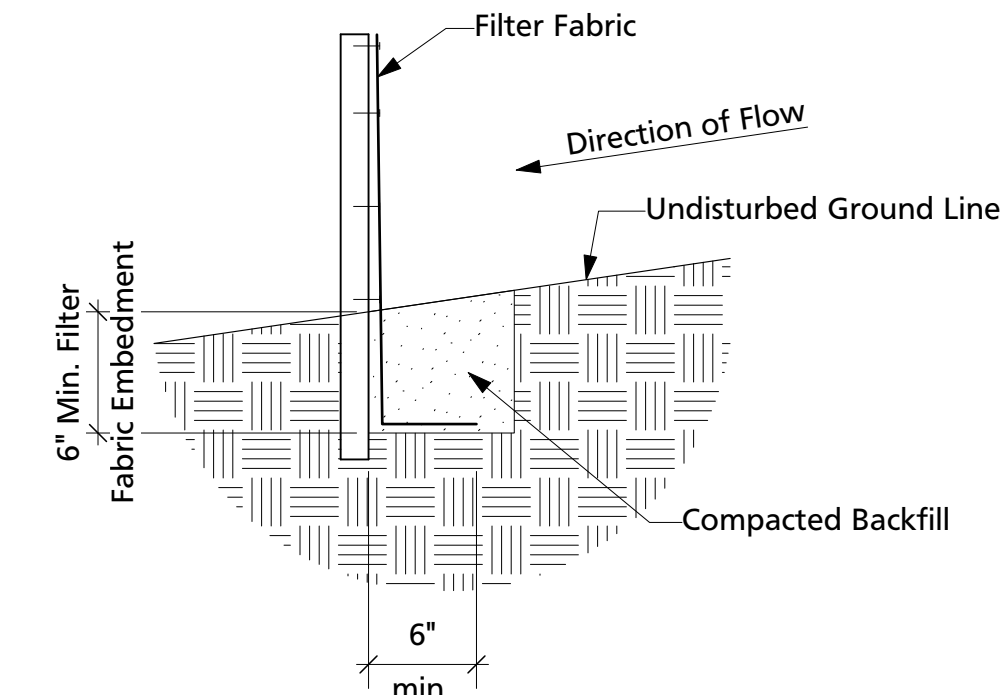
Minimize sediment track-out.

- Restrict vehicle use to properly designated exit points;
 - Use appropriate stabilization techniques at all points that exit onto paved roads.
- Exception: Stabilization is not required for exit points at linear utility construction sites that are used only episodically and for very short durations over the life of the project, provided other exit point controls are implemented to minimize sediment track-out;
- Implement additional track-out controls as necessary to ensure that sediment removal occurs prior to vehicle exit; and x



ELEVATION

SPLICE DETAIL PLAN VIEW

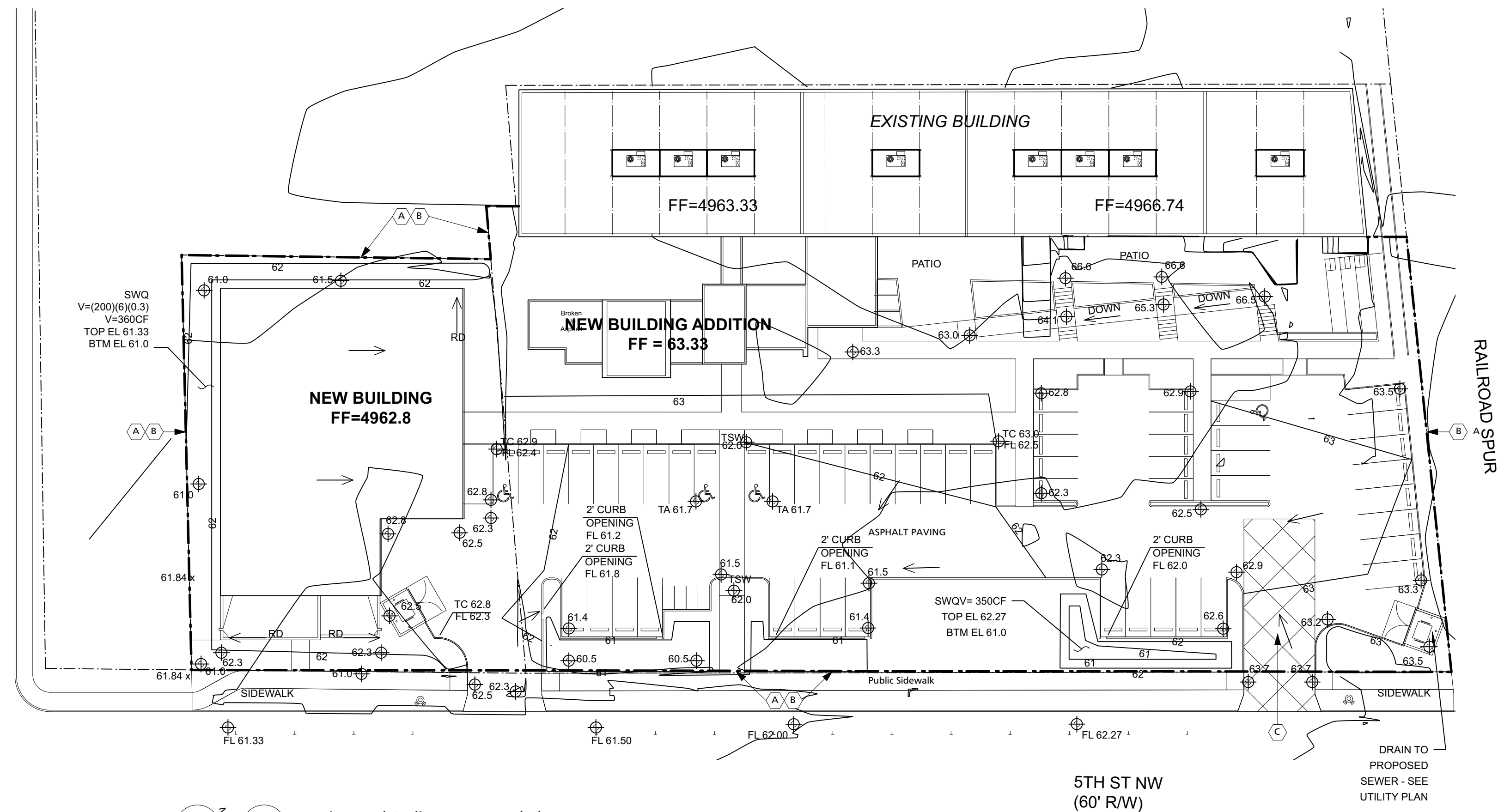


FABRIC ANCHOR DETAIL

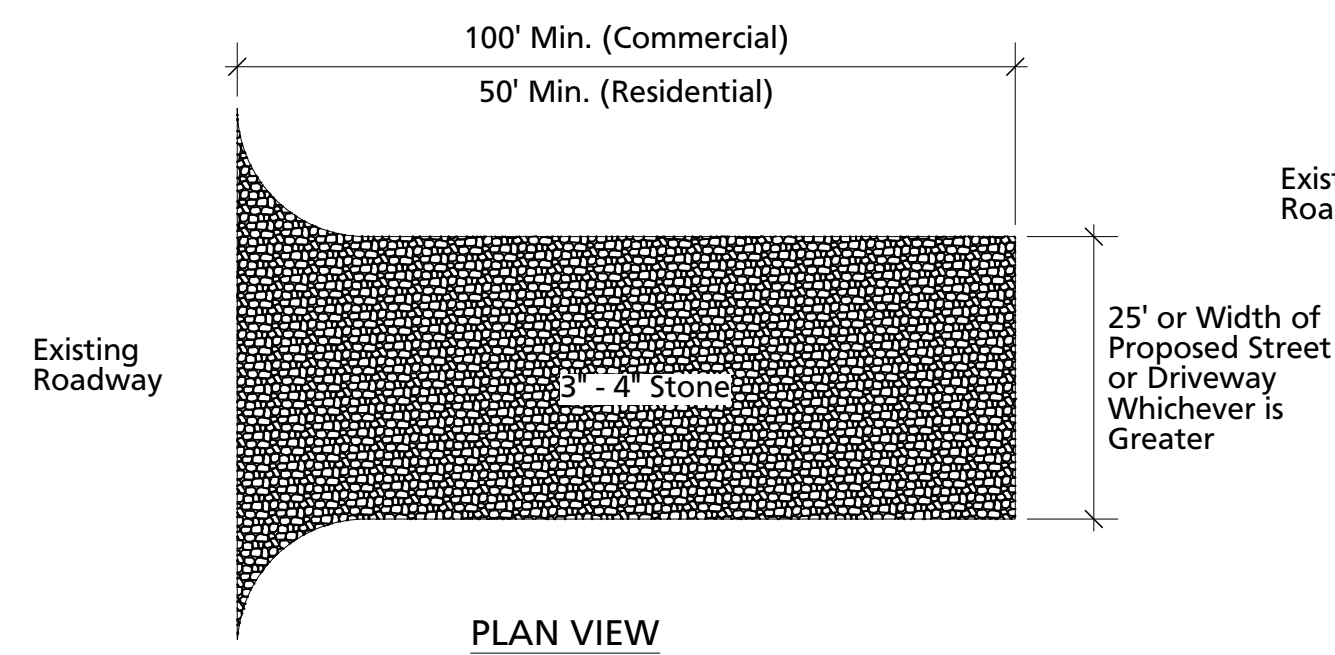
SILT FENCE DETAILS

Notes:

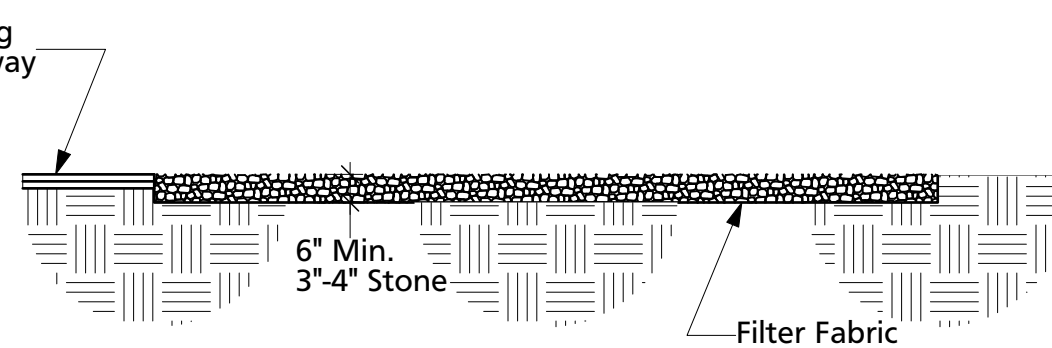
- Temporary silt fence shall be installed prior to any grading work in the area to be protected, Fence shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization. Filter fabric shall meet the requirements of material specification 592 Geotextile table 1 or 2, class 1 with equivalent opening size of at least 30 for nonwoven 50 for woven.
- Fence post shall be wither wood post with a minimum cross-sectional area 1.5"x1.5" or a standard steel post.
- When slices are necessary, make splice at post according to splice detail. Place the end post of the second fence inside the end post of the first fence. Rotate both posts together at least 180 degrees to create a tight seal with the fabric material. Cut the fabric near the bottom of the posts to accommodate the 6" flap. Then drive both posts and bury the flap. Compact backfill well.



1 Erosion and Sediment Control Plan
Scale: 1" = 30'-0"



PLAN VIEW



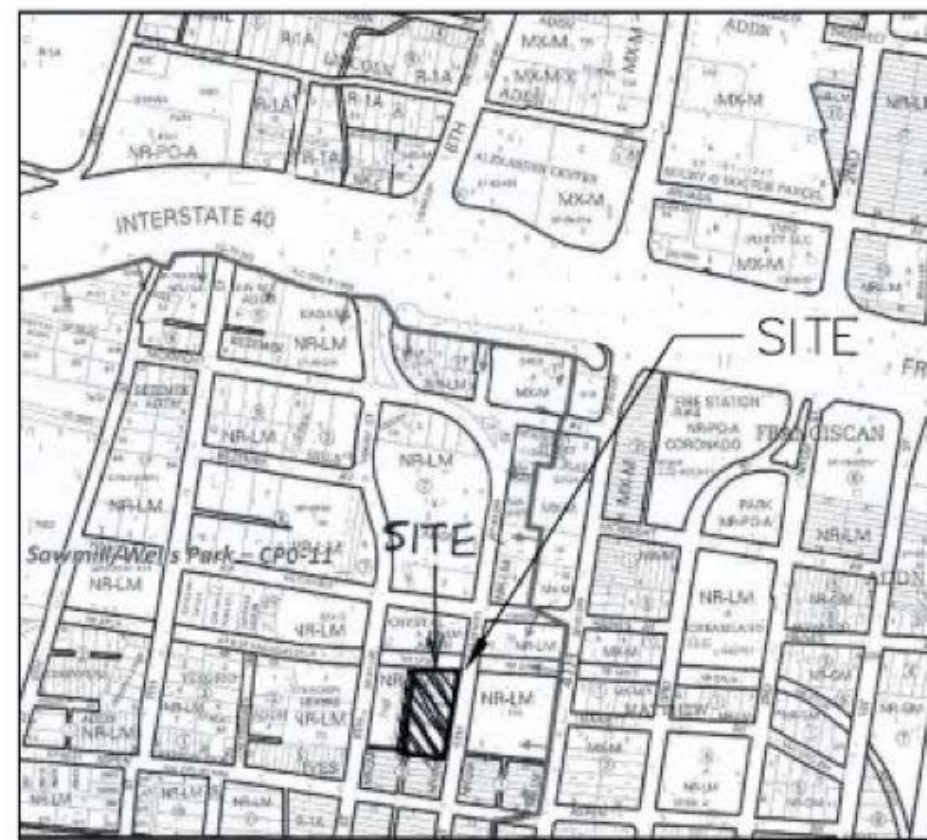
SIDE CROSS SECTION VIEW

NOTES:

- Entrance(s) shall be located to provide maximum utility by all construction vehicles.
- Turning radius sufficient to accomide large truck is to be provided.
- Must be maintained in a condition which will prevent periodic topdressing with stone to be necessary. Contractor to maintain as necessary.
- Any material which still makes it onto the road must be cleaned up immediately.
- Frequent checks of the entrance(s) and timely maintenance shall be provided.
- Note are applicable at all points of ingress and egress until site is stabilized.
- Utilize filter fabric in clay soils.

LEGEND

- Silt Fence and BMP Protection
- Construction Entrance



VICINITY MAP

H-14-Z

KEYED NOTES

- CONTRACTOR SHALL INSTALL PERIMETER BMP PROTECTION TO PREVENT SEDIMENT FROM ENTERING ADJACENT PROPERTY.
- CONTRACTOR SHALL INSTALL SILT FENCE ALONG THE ENTIRE PERIMETER OF CONSTRUCTION FACILITIES.
- CONTRACTOR SHALL INSTALL STABILIZED CONSTRUCTION ENTRANCE.

ESC NOTES

ADDRESS: 1715 5th Street NW, Albuquerque, NM

LEGAL DESCRIPTION: TRACTS 1 & 2, LANDS OF DEVEREUX & WATSON and Lots 1-5 to the south

SITE AREA: 1.74 AC DISTURBED LAND AREA 54,000 SF

EXISTING CONDITIONS: The site is a developed commercial area that is flat but slopes down slightly to the east and discharges to 5th Street. One of the two commercial buildings has recently been demolished. There is an existing 13,900 SF building with existing asphalt paving.

PROPOSED IMPROVEMENTS: The proposed 2,900 SF building addition will be attached to the existing building with patio areas between. The added roof area will slope to the east side of the building. The new asphalt parking will be sloped to direct surface runoff to depressed landscape areas as shown. A new 8,600 SF building is also proposed at the south end of the site as shown.

EROSION CONTROL: This project will involve a 2,900 SF building addition along the east side of the existing building. The existing asphalt paving will be re-graded and paved as shown. The disturbed portions of the site shall be kept wetted to minimize wind erosion. The abutting public roadway is existing and new curb and gutter, public sidewalk, and 2 drives will be constructed. Four depressed areas within the east side landscaping will provide onsite sediment storage volume during construction. The impact on surrounding streets and properties should be minimized.

ESC Plan Standard Notes (2021-03-24)

- 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 2017 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 - 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 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.
- Stabilization reports must be kept by the person or entity authorized to direct the construction activities on the site and made available upon request. Reports should include records of weed removal per City Ordinance (§ 9-8-1), sterilization, soil test results and recommendation, materials and manufacturer's specifications for application rates, estimated functional longevity, methods of application, inspection and maintenance. The reduced self-inspection schedule in CGP 4.4.1 applies to stabilized area and any damaged or worn stabilization must be identified in the reports along with weed problems. Corrective actions for stabilization shall be documented in a stabilization report including actual rates and dates of stabilization, and the materials and manufacturer's specifications used.
- BMP's 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 and impervious surfaces, 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 approved by the City of Albuquerque prior to removal of BMP's and discontinuation of inspections.

Scott M McGee PE

9700 Tanoan Dr NE
Albuquerque, NM 87111
505.263.2905
scottmmcgee@gmail.com

