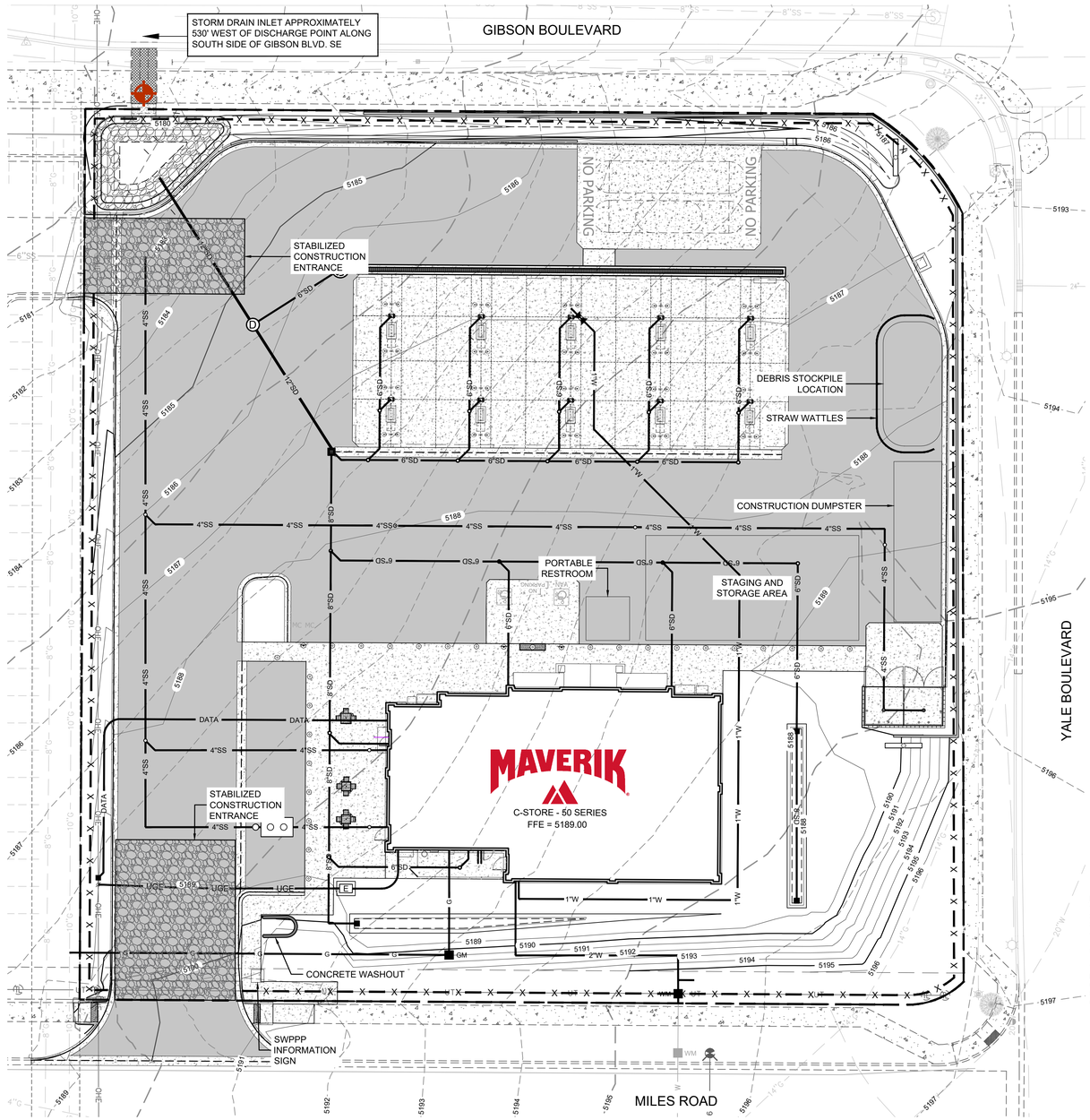


GENERAL EROSION NOTES:

1. ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL OBTAIN A COPY OF THE NPDES/EPA GENERAL PERMIT AND BECOME FAMILIAR WITH THEIR CONTENTS.
2. GENERAL CONTRACTOR SHALL IMPLEMENT STORM WATER CONTROLS AS REQUIRED BY NPDES. ADDITIONAL STORM WATER CONTROLS SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO THE OWNER, THROUGHOUT CONSTRUCTION.
3. STORM WATER CONTROLS SHALL CONFORM TO FEDERAL, STATE AND LOCAL REQUIREMENTS OR MANUAL OF PRACTICE. AS APPLICABLE, GENERAL CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
4. CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
5. ALL WASH WATER (CONCRETE TRUCKS, VEHICLE CLEANING, EQUIPMENT CLEANING, AND PAINTING-PLASTER TOOLS CLEANING) SHALL BE DETAINED AND PROPERLY TREATED OR DISPOSED.
6. SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLOATING BLOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS OR LEAKS.
7. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
8. RUBBISH, TRASH, GARBAGE, LITTER OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORM WATER DISCHARGE.
9. ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS SITE MAP SHALL BE INITIATED AS SOON AS PRACTICABLE.
10. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY STABILIZED FOLLOWING LANDSCAPING SPECIFICATIONS OUTLINED IN LANDSCAPING PLAN. THESE AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURS IN THESE AREAS. AREAS OF PERMANENT STABILIZATION THAT ARE NOT COVER BY THE LANDSCAPE PLAN ARE TO USE MULCH AND/OR COMPOST BLANKETS AND/OR SIMILAR TO PREVENT THE TRANSPORTATION OF SOIL.
11. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY STOPPED SHALL BE TEMPORARILY STABILIZED USING SWCS SUCH AS MULCH AND/OR EROSION CONTROL BLANKETS AND/OR SIMILAR.THESE AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURS IN THOSE AREAS.INSTALLATION AND MAINTENANCE SCHEDULE SHALL BE IMPLEMENTED ON AN AS-NEED BASINS DETERMINED BY THE CONTRACTOR / OWNER.
12. IF THE ACTION OF VEHICLE TRAVELING OVER THE CONSTRUCTION ENTRANCE/EXIT IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF SITE.
13. ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY. THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND OVER EXCAVATION FOR BUILDING FOOTINGS.
14. DUE TO THE CHANGE IN GRADING AND THE REQUIREMENTS OF CONSTRUCTION OPERATIONS THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE STORM WATER CONTROLS (STRAW WADDLES, EARTH BERMS, ETC.) TO PREVENT EROSION ON A DAILY BASIS AS PER CONSTRUCTION SCHEDULE.

GOOD HOUSE KEEPING PRACTICES:

1. THE CONTRACTOR SHALL ESTABLISH A CONCRETE WASHOUT PIT BEFORE THE START OF CONSTRUCTION AND MARK ITS LOCATION ON THE SITE MAP.
2. A STABILIZED CONSTRUCTION ENTRANCE/EXIT SHALL BE INSTALLED AT THE SITE ENTRANCE AS DETERMINED BY THE CONTRACTOR.
3. THE CONTRACTOR SHALL ESTABLISH A COMPREHENSIVE DUST CONTROL PLAN TO LIMIT OFF-SITE SEDIMENTATION BY CONTROLLING THE SITES POTENTIAL FOR PRODUCING AIRBORNE FUGITIVE DUST AND TRACK-OUT OF SEDIMENTS.
4. SANITARY FACILITIES ARE REQUIRED FOR ALL WORK SITES OR CONSTRUCTION AREAS.
5. SOLID WASTE MATERIALS SHALL BE STORED AND DISPOSED OF WITHIN DUMPSTER RENTED FROM AND COLLECTED BY A PRIVATE WASTE DISPOSAL CONTRACTOR. NO CONSTRUCTION WASTE MATERIALS SHALL BE DISPOSED OF OR BURIED ON-SITE.
6. THE CONTRACTOR SHALL ESTABLISH AN EQUIPMENT MAINTENANCE PLAN TO REDUCE CONTAMINATION OF ON-SITE SOILS.
7. CONSTRUCTION MATERIALS AND CHEMICALS SHALL BE SHELTERED IN COVERED STORAGE AREAS THAT HAVE A SPILL PROOF PERIMETER AROUND IT. LOCATE CHEMICAL STORAGE AREAS AWAY FROM LOW-LYING AREAS AND DRAINAGE PATHS.
8. THE CONTRACTOR SHALL ESTABLISH A SPILL PREVENTION PLAN THAT INCLUDES MEASURES TO LIMIT THE SCOPE OF A SPILL AND MINIMIZE ENVIRONMENTAL DAMAGE. IN THE EVENT OF A SPILL OF A HAZARDOUS SUBSTANCE, THE RESPONSIBLE PARTY SHALL IMMEDIATELY NOTIFY THE NATIONAL RESPONSE CENTER (800-424-8802 OR 202-426-2675). THE NEW MEXICO ENVIRONMENT DEPARTMENT (EMERGENCY LINE: 505-827-9329, NON-EMERGENCY LINE: 866-428-6535), AND THE LOCAL FIRE DEPARTMENT (575-439-4298).

MAINTENANCE:

ALL STORM WATER CONTROLS STATED ON THIS SITE MAP SHALL BE MAINTAINED IN FULL FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR FINAL STABILIZATION OF THE SITE. ALL STORM WATER CONTROLS SHALL BE CHECKED AND REPAIRED BY A QUALIFIED PERSON IN ACCORDANCE WITH THE NPDES/EPA PERMIT REQUIREMENTS.

1. BUILT UP SEDIMENT SHALL BE REMOVED FROM SILT FENCES AND WADDLES WHEN IT REACHES ½ THE HEIGHT, OR AS NECESSARY FOR MAINTENANCE. IF FABRIC BECOMES CLOGGED, IT SHOULD BE CLEANED, OR REPLACED, IF NECESSARY.
2. HARDENED CONCRETE SHALL BE REMOVED FROM CONCRETE WASHOUT AREA ON A REGULAR BASIS.
3. THE CONSTRUCTION ENTRANCE/EXIT SHALL BE PERIODICALLY RE-GRADED AND/OR TOP DRESSED WITH ADDITIONAL STONE TO KEEP THE EFFICIENCY OF THE ENTRANCE FROM DIMINISHING. WHEN SEDIMENT HAS SUBSTANTIALLY CLOGGED THE VOID AREA BETWEEN THE ROCKS, THE AGGREGATE MUST BE WASHED DOWN AND/OR REPLACED.
4. CONSTRUCTION ENTRANCE/EXIT AREA SHALL BE INSPECTED FOR OFF-SITE TRACKING AND SWEPT AS NECESSARY.
5. SANITARY WASTES SHALL BE COLLECTED FROM PORTABLE SANITARY FACILITIES NOT LESS THAN ONCE PER WEEK BY A LICENSED SANITARY WASTE MANAGEMENT CONTRACTOR OR AS REQUIRED BY STATE AND LOCAL REGULATIONS.
6. SOLID WASTE COLLECTION SHALL NOT BE LESS THAN BI-WEEKLY OR MORE OFTEN IF NECESSARY.
7. THE STORAGE/STAGING AND MASON'S AREAS SHALL BE CLEARED OF DEBRIS. ANY DEBRIS AND/OR SEDIMENT REACHING THE PUBLIC STREET SHALL BE CLEARED IMMEDIATELY BY A METHOD OTHER THAN FLUSHING.

SEQUENCE OF CONSTRUCTION:

DESCRIBED BELOW ARE THE MAJOR CONSTRUCTION ACTIVITIES THAT ARE THE SUBJECT TO THIS PLAN. ALSO INCLUDED IN THE SEQUENCE ARE STORM WATER CONTROLS INSTALLATION ACTIVITIES THAT MUST TAKE PLACE PRIOR TO CONSTRUCTION ACTIVITIES.
NOTE: DOWN SLOPE PROTECTIVE MEASURES MUST ALWAYS BE IN PLACE BEFORE SOIL IS DISTURBED. ACTIVITIES ARE PRESENTED IN THE SEQUENCE THEY ARE EXPECTED TO BE COMPLETED. CONTRACTOR TO IMMEDIATELY DENOTE ON THIS PLAN ANY CHANGES IN STORM WATER CONTROLS LOCATION AS THEY OCCUR THROUGHOUT THE CONSTRUCTION PROCESS. THE SEQUENCE OF CONSTRUCTION IS AS FOLLOWS:

PHASE 1
1. INSTALL SWPPP INFORMATION SIGN.
2. INSTALL STABILIZED CONSTRUCTION ENTRANCE/EXIT.
2. INSTALL TEMPORARY SEDIMENT TRAP.
3. PREPARE STORAGE/STAGING AND MASON'S AREAS. UPON IMPLEMENTATION AND INSTALLATION, DENOTE THE FOLLOWING AREAS ON THIS PLAN: TRAILER PARKING, PORTABLE SANITARY FACILITIES, WASHOUT, FUEL AND MATERIAL STORAGE CONTAINERS, AND SOLID WASTE CONTAINERS.
4. INSTALL SILT FENCE - A STRIP OF PAVEMENT WILL NEED TO BE REMOVED PRIOR TO INSTALLATION.
5. REMOVE AND DEMOLISH EXISTING CONCRETE STRUCTURES.
6. REMOVE EXISTING FENCE.
7. REMOVE AND DEMOLISH EXISTING ASPHALT.
8. REMOVE AND DEMOLISH EXISTING BUILDING.
9. CLEAR AND GRUB THE SITE.
10. BEGIN GRADING THE SITE.
11. TEMPORARY STABILIZE STOCKPILE AREAS.

PHASE 2
1. BUILDING CONSTRUCTION
2. INSTALL UTILITIES.
3. INSTALL FUEL STORAGE TANK AND CONCRETE PAD.
4. INSTALL CONCRETE CURB AND GUTTERS.
5. INSTALL 3' WIDE VALLEY GUTTER.
6. INSTALL CONCRETE FUELING ISLANDS AND PADS.
7. INSTALL DETENTION POND.
8. INSTALL TRASH ENCLOSURE.
9. INSTALL LANDSCAPING.

PHASE 3
1. BEGIN PAVING OPERATIONS.
2. INSTALL SIGNING AND STRIPING.
3. INSPECT AND CLEAN UP SITE.
4. REMOVE TEMPORARY STORMWATER CONTROLS (ONLY IF SITE IS "FINAL STABILIZED" AS PER 2017 CGP).
5. FILE OWNER AND OPERATION NOTICE OF TERMINATION (NOT).

THE ACTUAL SCHEDULE FOR IMPLEMENTING STORM WATER CONTROLS WILL BE DETERMINED BY PROJECT CONSTRUCTION PROGRESS AND RECORDED BY THE CONTRACTOR ON THE SOIL EROSION/SEDIMENTATION CONTROL OPERATION TIME SCHEDULE ON THIS PLAN.

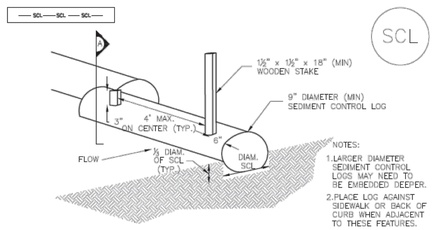
LEGEND

4005	= EXISTING MAJOR CONTOUR
4002	= EXISTING MINOR CONTOUR
4005	= PROPOSED MAJOR CONTOUR
4002	PROPOSED MINOR CONTOUR
	= PROJECT LIMITS/PROPERTY LINE
	= STABILIZED CONSTRUCTION ENTRANCE
X X X	= PROPOSED SILT FENCE

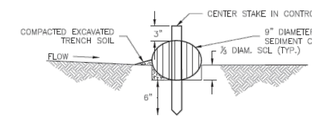
PROJECT AREA:

TOTAL SITE AREA	= 1.74 AC.
2-YR 24-HR STORM	= 6,189.88 CF
PROVIDED STORAGE	= 6,200 CF
PROPERTY OWNER	= I-25 & GIBSON, LLC
LEASE GRANTEE	= MAVERIK, INC

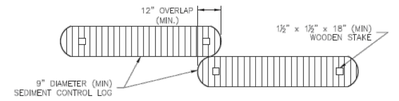
Sediment Control Log (SCL) SC-2



TRENCHED SEDIMENT CONTROL LOG



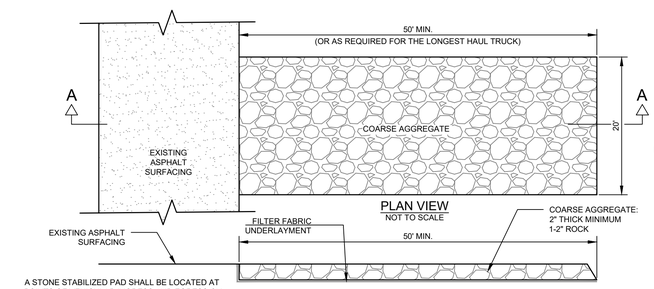
SECTION Ⓐ
TRENCHED SEDIMENT CONTROL LOG



LOG JOINTS

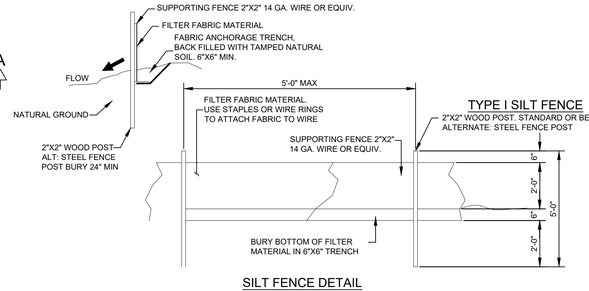
SCL-1. TRENCHED SEDIMENT CONTROL LOG

November 2015 | Urban Drainage and Flood Control District | Urban Storm Drainage Criteria Manual Volume 3 | SCL-3

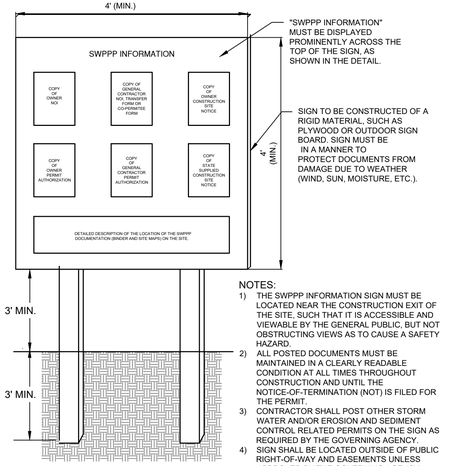


A STONE STABILIZED PAD SHALL BE LOCATED AT POINTS OF VEHICULAR INGRESS AND EGRESS ON A CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MUD TRANSPORTED ONTO PUBLIC ROADS BY MOTOR VEHICLES OR RUNOFF.

STABILIZED CONSTRUCTION ENTRANCE
NOT TO SCALE

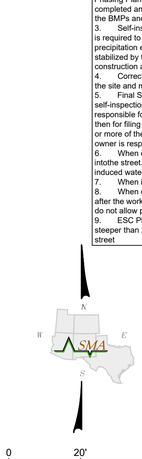


SILT FENCE DETAIL
NOT TO SCALE



NOTES:
1) THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE CONSTRUCTION EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE AND VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
2) ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
3) CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCY.
4) SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
5) CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

SWPPP INFORMATION SIGN
NOT TO SCALE



CONCRETE WASHOUT
NOT TO SCALE

ESC Plan Standard Notes (2023-06-16)
1. All Erosion and Sediment Control (ESC) work on these plans, except as otherwise stated or provided hereonshall be permitted, constructed, inspected, and maintained in accordance with:
a. The City Ordinance § 14-5-2-11, the ESC Ordinance,
b. The EPA's 2022 Construction General Permit (CGP), and
c. The City Of Albuquerque Construction BMP Manual.
2. 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 BMPs and prior to beginning construction.
3. 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.
4. 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.
5. 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.
6. When doing work in the City right-of-way (e.g. sidewalk, drive pads, utilities, etc.) prevent dirt from getting intothe 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).
7. When installing utilities behind the curb, the excavated dirt should not be placed in the street.
8. 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.
9. 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

0 20' 40'
SCALE: 1" = 20'

To Request a Line Locate Dial 811

New Mexico state law requires everyone involved in any excavation to provide at least two working days' notice to owners of underground facilities when a dig is planned. All facility owners are then required to mark the locations of any underground lines or take other appropriate measures to protect them.

MAVERIK

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ALBUQUERQUE, NEW MEXICO

MAVERIK STORE
2121 YALE BLVD SE
ALBUQUERQUE, NEW MEXICO
EROSION CONTROL PLAN PHASE 2

MICHAEL D. JOHNSON
NEW MEXICO
10791
REGISTERED PROFESSIONAL ENGINEER
01/22/2024

THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED

Designed	Drawn	Checked
RWZ	RWZ	DWMJR

Date: January 2024
Scale: Horiz: 1" = 20'
Vert: N/A
Project No: 9431291
Sheet: C901

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P:\9-Maverik Civil Albuquerque (9431291)\CAD\Civil\C901 EROSION CONTROL PLAN PHASE 2.dwg 1/24/2024 10:23 AM AXA