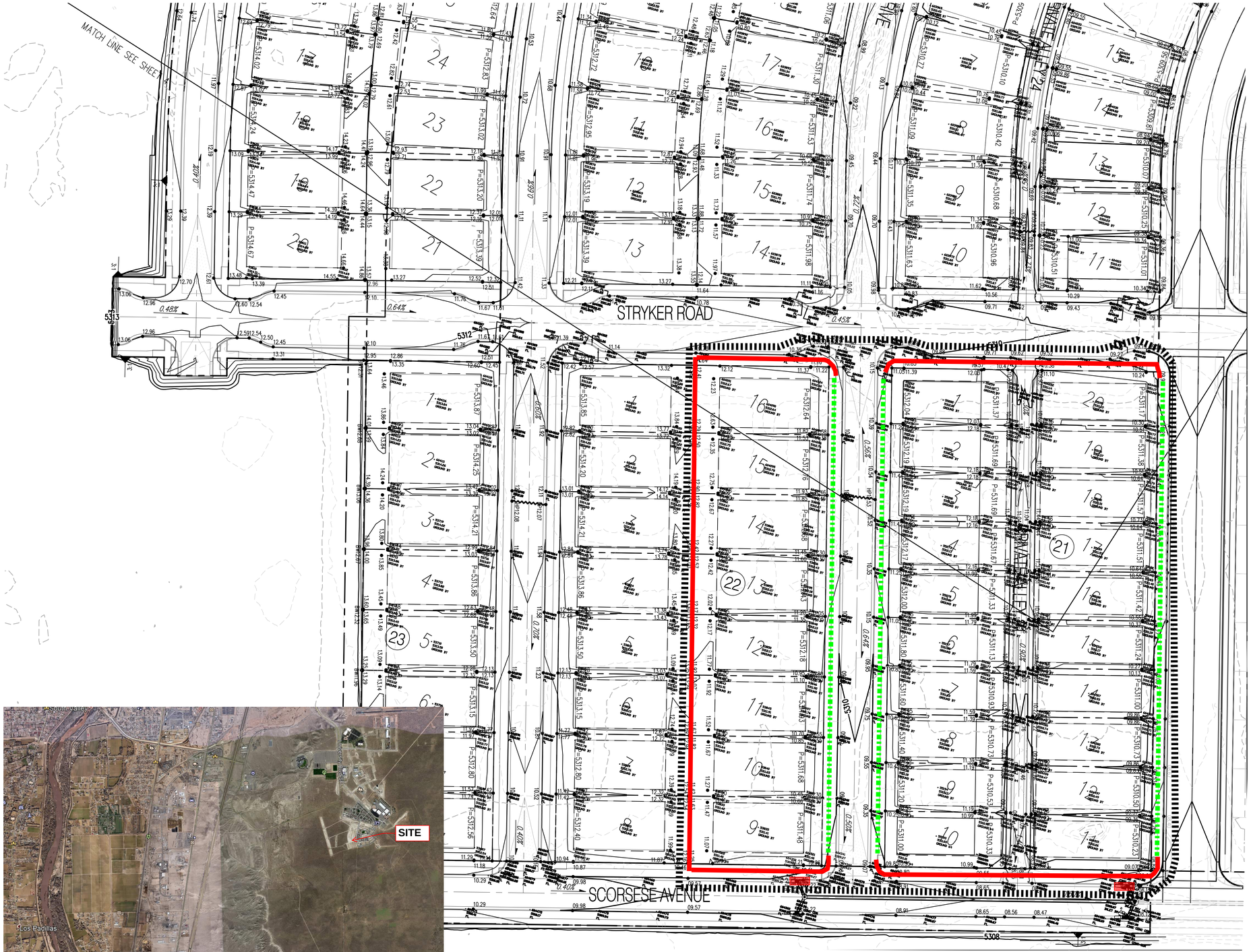


BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- PERIMETER BMP (SILT FENCE)
- VEHICLE TRACKOUT CONTROL
- INLET PROTECTION
- FLOW DIRECTION
- PORTABLE TOILETS
- WASTE CONTAINER
- CONCRETE WASHOUT

green globe ENVIRONMENTAL

OPERATOR: WESTWAY HOMES

TOTAL SITE AREA: 3.11 ACRES
TOTAL DISTURBED AREA: 3.11 ACRES

RECEIVING WATERS: RIO GRANDE (ISLETA PUEBLO BOUNDARY TO TIJERAS ARROYO)

REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

****GRADING PLAN BY OTHERS****

MESA DEL SOL PHASE 4

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	01/28/2022

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL CPESC MATHEW F. VALLEJOS No. 9108 1-28-22

ESC-1

Silt Fence Detail

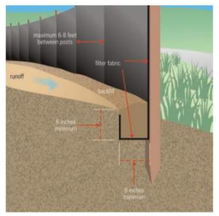
Non-woven Silt Fence
A silt fence is a temporary sediment barrier consisting of a geotextile attached to supporting posts and trenched into the ground. Intended to retain sediment that has been dislodged by stormwater.

Use silt fence as a perimeter control particularly at lower or down slope edge of a disturbed area. Leave space for maintenance between slope and silt fence or roll. Trench in the silt fence on the uphill side (6 in deep by 6 in wide). Install stakes on the downhill side of the fence. Curve silt fence up-gradient to help it contain runoff.

To maintain remove sediment when it reaches one-third of the height of the fence. Replace the silt fence where it is worn, torn, or otherwise damaged. Retrench or replace any silt fence that is not properly anchored to the ground. If the silt fence cannot be toed in properly due to existing hard surface, place mulch filter sock at base to prevent sediment from leaving site.

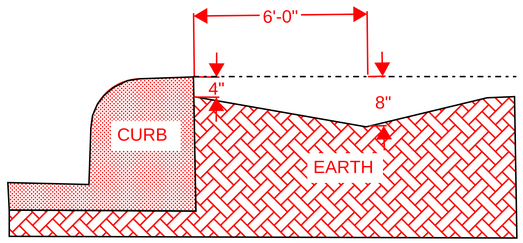
8' max wood stake spacing and 10' max spacing for steel T-post.

Silt Fence Installation



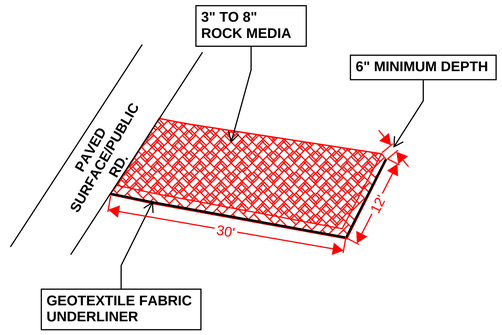
Source: USEPA Guide for Construction Site

Cut-Back Curb Detail



NOT TO SCALE

VEHICLE TRACK-OUT CONTROL



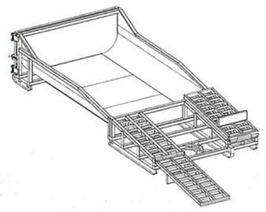
NOT TO SCALE

- DIMENSIONS NOTED CAN BE SITE RESTRICTIVE.

TYPICAL CONCRETE WASHOUT-BELOW GRADE

- Install appropriate signage to inform concrete equipment operators of the proper washout location.
- An appropriate stabilized entrance shall be installed where applicable. The length and width of the stabilized entrance may vary based on size and location of the washout.
- Washout facilities must be sized to contain washout water and solids.
- Typical dimensions are 10 feet long by 10 feet wide but may vary upon site limitations.
- Pit shall be delineated with Orange Filter Sock and A-Framed staked.
- The pit shall be lined with 10mil (minimum) polyethylene impermeable liner on the bottom and sides overlapping the top edges completing a leak-proof container.

PORTABLE CONCRETE WASHOUT CONTAINER



CONCRETE WASHOUT SYSTEMS

PO Box 2604
Carmichael, CA. 95609
Phone: 1.877.292.7468
Fax: 1.916.244.0403
info@concretewashout.com
www.concretewashout.com
Patent Pending

DESCRIPTION
A portable, self-contained and watertight container affixed with ramps that controls, captures and contains caustic concrete wastewater and washout material.

PURPOSE & OBJECTIVE
Allows trade personnel to easily washout concrete trucks, pumps and other equipment associated with cement on site and allows easy off site recycling of the same concrete materials and wastewater.

APPLICATION
Construction projects where concrete, stucco, mortar, grout and cement are used as a construction material or where cementitious wastewater is created.

MAINTENANCE
Inspect and clean out when ¾ full, not allowing the container to overflow.
Inspect wastewater level and request a vacuum if needed.
Inspect subcontractors to ensure that proper housekeeping measures are employed when washing out equipment.

SPECIFICATIONS
The container must be portable and temporary, watertight, equipped with ramps and have a holding capacity to accept washout from approximately 350 yards of poured concrete. A vacuum service must accompany washout container and be used by site superintendent as needed. A rampless container may be used in conjunction with a ramped container or by itself if a concrete pump is not needed. The washwater must be disposed of or treated and recycled in an evironmentally safe maanner and in accordance with federal, state or local regulatory guidelines.

TARGETED POLLUTANTS
Caustic wastewater (high pH level near 12 units)
Suspended solids
Assorted Metals; Chromium VI, Nickel, Sulfate, Potassium, Magnesium and Calcium Compounds

green globe ENVIRONMENTAL

OPERATOR: WESTWAY HOMES

TOTAL SITE AREA: 3.11 ACRES
TOTAL DISTURBED AREA: 3.11 ACRES

RECEIVING WATERS: RIO GRANDE (ISLETA PUEBLO BOUNDARY TO TIJERAS ARROYO)

REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

MESA DEL SOL PHASE 4

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By: M. VALLEJOS, CPESC, CISEC	01/28/22
CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL CPESC MATHEW F. VALLEJOS No. 9108	ESC-2

ESC Plan Standard Notes (2021-03-24)

1. 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. 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 - 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.
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. 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.
6. BMPs 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 BMPs and discontinuation of inspections.

Start Date-Finish Date (dates to be marked on site plan by operator)	Construction Activity, BMPs, and location
Initial Phase	Pre-Site Grading 1. Install perimeter BMPs (silt fence, erosion control logs, downstream inlet protection, etc.) 2. Construct VTC. 3. Set up construction trailer, construction barrier, and material storage areas 4. Install sanitary facilities and dumpster. 5. Implement stabilization procedures where work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP)
Interim Phase	Site Grading / Building Construction I. Mass grade site 2. Construct utilities, infrastructure 3. Building, pavement construction 4. Implement stabilization procedures were work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP)
Final Phase	Final Stabilization 1. Implement stabilization procedures were work is complete or ceases (per section 2.2.14 of the 2017 EPA CGP) 2. Prepare final seeding and landscaping 3. Monitor stabilized areas until final stabilization is reached 4. Remove temporary control BMPs and stabilize any areas disturbed by the removal

ROLE	COMPANY	REPRESENTATVIE NAME	PHONE	EMAIL
OPERATOR	WESTWAY HOMES	W. MIKE FIETZ	505-379-5368	MIKEF@WESTWAY.COM
OWNER	WESTWAY HOMES	W. MIKE FIETZ	505-379-5368	MIKEF@WESTWAY.COM
BMP MAINTENANCE	SUPERIOR STORMWATER SERVICES, LLC	TIM SLATUNAS	505-353-2558	TIM@SUPERIORSTORMWATER.COM
SWPPP INSPECTIONS	GREEN GLOBE ENVIRIONMENTAL, LLC	TIM SLATUNAS	505-353-2558	TIM@GREENGLOBENM.COM

Nature of Construction Activity:
New residential home construction. 28 lots with an approximate area of 3.11 acres.

Project/Site Name: Mesa Del Sol Phase 4
Project Street/Location: Stryker Rd. and Strand Loop Rd. SE
City: Albuquerque
State: NM
Zip Code: 87106
County: Bernalillo

Project Latitude: 34.78524 **Longitude:** -106.62091

Determination of Latitude/Longitude:
☐ USGS topographic map (scale:)
☐ EPA Web Site ☒ NM OpenEnviroMap ☐ GPS
☐ Other (please specify):

Function of Construction Activity:
☒ Residential ☐ Commercial ☐ Industrial ☐ Linear (roadway)
☐ Linear (Utility) ☐Other (specify):

Is your project/site located on Federal or Native American Lands Yes☐ No☒
Description:

Tables — K Factor, Whole Soil — Summary By Map Unit

Summary by Map Unit — Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico (NM600)

Summary by Map Unit — Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexico (NM600)

Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
MaB	Madurez loamy fine sand, 1 to 5 percent slopes	.24	0.1	0.3%
MWA	Madurez-Wink associatin, gently sloping	.24	26.4	99.7%
Totals for Area of Interest			26.5	100.0%

OPERATOR: WESTWAY HOMES

TOTAL SITE AREA: 3.11 ACRES
TOTAL DISTURBED AREA: 3.11 ACRES

RECEIVING WATERS: RIO GRANDE (ISLETA PUEBLO BOUNDARY TO TIJERAS ARROYO)

REFER TO THE ESC BMP DETAILS (ESC-2) FOR INSTALLATION, INSPECTION AND MAINTENANCE REQUIREMENTS.

MESA DEL SOL PHASE 4

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
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CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL — CPESC — MATHEW F. VALLEJOS No. 9108

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