

# LEGEND

## NOTICE TO CONTRACTORS

- BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
- SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
- EXISTING UTILITIES.
- MINIMUM AMOUNT OF DELAY.

# **EROSION CONTROL NOTES:**

- 1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
- ON SITE DURING CONSTRUCTION.
- THAT GETS INTO EXISTING RIGHT-OF-WAY. 4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT
- 5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM OF ANY PROJECT.

# SEQUENCE OF CONSTRUCTION

PROJECT.

LOT #1 WILL BE A BUILD TO SUIT BY THE CURRENT OWNER. THE NEW NOI WILL BE INITIATED AND HELD BY THE CURRENT OWNER AND SELECTED GENERAL CONTRACTOR SPECIFIC FOR LOT #1 UNTIL SUCH TIME AS THE CONSTRUCTION IS COMPLETE AND AN NOT FILED.

LOT #2 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #3 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #4 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #5 WILL BE MASS GRADED TO COMPLY WITH THE OVERALL GRADING AND DRAINAGE PLAN. THE CURRENT OWNER WILL FILE AN NOI FOR THIS PROPERTY AND STABILIZE AS NEEDED.

10'-0"

LOT #6 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO GRADE A SUPER PAD AND INSTALL UTILITIES SPECIFIC TO THAT END USER. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY. LOT #7 WILL BE A STRAIGHT LAND SALE WITH THE CURRENT OWNER FILING AN NOI TO REMOVE AND

REPLACE THE CURRENT ASPHALT. THE NOI WILL BE TRANSFERRED TO THE NEW OWNER UPON COMPLETION OF THE WORK AND SALE OF THE PROPERTY.

LOT #8 WILL BE MASS GRADED TO COMPLY WITH THE OVERALL GRADING AND DRAINAGE PLAN. THE CURRENT OWNER WILL FILE AN NOI FOR THIS PROPERTY AND STABILIZE AS NEEDED. TOWNHOME PARCEL WILL BE BUILT BY THE CURRENT OWNER. THE NEW NOI WILL BE INITIATED BY THE CURRENT OWNER AND HELD UNTIL ALL LOTS ARE SOLD TO THE SELECTED HOMEBUILDER. ONCE THE LAST LOT IS SOLD THE NOI WILL BE TRANSFERRED TO THE HOMEBUILDER SELECTED FOR THE PROJECT. IT IS ANTICIPATED THAT A SINGLE HOMEBUILDER WILL BUILD OUT THE ENTIRETY OF THE PROJECT.

BOUNDARY LINE EXISTING CURB & GUTTER TEMPORARY SILT FENCE TEMPORARY SEDIMENT TRAP INLET PROTECTION 1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE VICINITY MAP 2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HERON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE INTERIM STANDARD 3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF 4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A 5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE. 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED. 7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

CURB & GUTTER

2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF

3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT

ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.

WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE

6. ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH COA SPECS OR 🗚 " GRAVEL

THE DEVELOPMENT WILL BE SUBDIVIDED INTO 8 RETAIL PADS AND A 7 ACRE SINGLE FAMILY RESIDENTIAL



35001C0143G

GRAPHIC SCALE



COMPACTION 90% MIN. ASTM D1557 AT OPT. MOISTURE	ENGINEER'S SEAL	THE WYMONT ALBUQUERQUE, NM	DRAWN BY pm DATE
	NALD K. BOHY	INTERIM GRADING	8-5-21
N		AND DRAINAGE PLAN	DRAWING
-	A CONTRACTOR		SHEET #
ETAIL	8-5-21	TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109	GR-1
	RONALD R. BOHANNAN P.E. #7868	(505) 858-3100 www.tierrawestllc.com	<i>JOB                                    </i>



FLOOD MAP



# Note that BMP descriptions are for informational purposes only. Actual specifications used on project may differ.



# **BMP Information Sheet**







**SM-4** 

VTC

20 FOOT (WIDTH CAN BE

VEHICLES ARE PHYSICALLY CONFINED ON BOTH SIDES)

UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, USE - CDOT SECT. #703, AASHTO #3

COARSE AGGREGATE OR 6" MINUS ROCK

NON-WOVEN GEOTEXTILE FABRIC BETWEEN SOIL AND ROCK

- 9" (MIN.)

NON-WOVEN GEOTEXTILE

UNLESS OTHERWISE SPECIFIED BY LOCAL JURISDICTION, USE CDOT SECT. #703, AASHTO

COARSE AGGREGATE

OR 6" MINUS ROCK

SECTION A

50 FOOT (MIN

I. When working in or adjacent to an arroyo or concrete channel, loose soil shall not be stockpiled or left in the low-flow area of the arroyo or channel. A berm or a similar BMP is to be constructed to diver flow into a low-flow area. 2. When working in or adjacent to an arroyo or concrete channel, pollutants (chemicals, debris, waste, etc.) shall not be left in the low-flow area of the arroyo or channel. 3. If there are active storm drains in the work zone, an energy dissipator is to be constructed at

the pipe outfall to slow the velocity of the stormwater to less than 3 ft/sec at the end of the dissipater. A plunge pool constructed of large aggregate is the most common energy dissipator 4. If there is an arroyo or channel draining into the work zone, and energy dissipator is to be constructed upstream of the confluence to slow the velocity of the stormwater to less than 3 ft/sec at the end of the dissipator. There are equations provided by the United States Bureau of Reclamation (USBR) and the Federal Highway Administration (FHWA) for sizing the energy dissipator and the aggregate.

stormwater entering the drainage.

Source: City of Albuquerque Arroyo and Channel Construction Site Manual 2018 Construction



0 EROSION CONTROL of ENVIRONMENTAL CONSULTING

2. Open storm drains are considered an inlet and require protection. This also ncludes drains that are not actively being worked on.

5. If working adjacent to an arroyo or concrete channel, install BMPs to protect against or filter

Notes: 1. Regularly collect and dispose of garbage and waste material into designated collection areas.
2. Cover and maintain dumpsters and waste receptacles. Add additional dumpster or increase frequency of waste collection if overflowing conditions occur. Consider secondary containment around waste collection areas to minimize the likelihood of contaminated discharges.
3. Routinely inspect containers and equipment to ensure that it is functioning properly without leaking.
4. Promptly clean up leaks, drips, and other spills. Train employees on proper clean up and sp response procedures.
5. Store containers, drums, and bags away from direct traffic routes to reduce container damage.
6. Store materials in accordance with directions in Material Safety Data Sheets (MSDSs).
7. Store container s on pallets or similar devices to prevent corrosion of containers that results from containers coming into contact with moisture on the ground.
8. Store toxic or hazardous liquids within curbed areas or secondary containments.
9. Frequent and proper training in good housekeeping techniques reduces the likelihood that chemicals or equipment will be mishandled.
10. Segregate and provide proper disposal options for hazardous material wastes.
11. Make sure the site has a Spill Protection Plan, Spill kit, and individuals trained on the location and workings of the plan and kit.
12. Create a designated on-site fueling and maintenance area that is clean and dry, has a spil kit, and ideally in a covered area.
13. Locate toilet facilities away from storm drain inlets and waterways to prevent accidental contamination of stormwater.

14.or outdoor painting and sanding; conduct these operations in designated areas that are paved or have a secondary containment in place. Clean up and dispose of excess paint, paint chips, protective coatings, grit waste, etc.

15. Provide tie-downs or stake downs for portable toilets.

16. For vehicle and equipment washing: ensure there is no discharge of soaps, solvents, or detergents in equipment and vehicle wash water. -(CGP 2017)

7. Recycle materials whenever possible (e.g. paper, wood, concrete, oil).

Good Housekeeping

1. Designated wash-out areas should be provided for any concrete, stucco, mortar, or paint operations. Wash-outs should be as far away as possible from waters of the U.S., stormwater inlets, or conveyances.

2. "Wash-out should be directed to leak-proof containers or leak proof and lined pit designed so that no overflows can occur due to inadequate sizing or precipitation." -CGP 2017

hese roll-off wash-out containers were lowered for easier access

Source: Urban Storm Drainage

riteria Manual Volume 3

3. If the concrete/stucco/mortar is firm when it contacts the soil, then it is not considered wash-out (not wet enough to infiltrate into the

4. A centralized wash-out may be effective for concrete trucks. For stucco, mortar, and paint wash-outs, a local wash-out and wash-out education has been

more successful in avoiding improper wash-outs.

nstruction Site Manual 2018



Wash-outs Source: City of Albuquerque

5. Mortar towers shall have a plastic liner beneath them to prevent the wet mortar from contacting the soil. If wet stucco or mortar contacts the ground due to mixing, it would be a compliance issue.

6. If a wash-out occurs on bare soil, the Operator is expected to remove it same day. The wash-out material, as well as the wetted soil, are to be removed and disposed of appropriately.

N	PDES Permit #:
	-1
	ate:
St	heet:

## 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.