

Silt Fence Detail

Non-woven Silt Fence

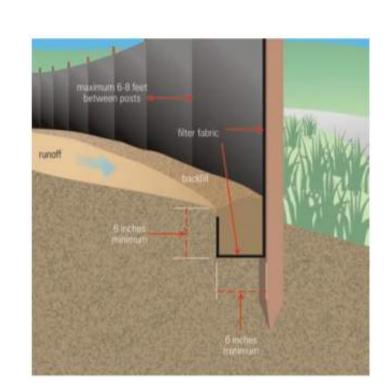
A silt fence is a temporary sediment barrier consisting of a geotextile attached to supporting posts and trenched into the ground. Intended to retain sediment that has been dislodged by stormwater.

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

VEHICLE TRACK-OUT CONTROL 3" TO 8" ROCK MEDIA 6" MINIMUM DEPTH GEOTEXTILE FABRIC UNDERLINER 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.

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:
 - a. The City Ordinance § 14-5-2-11, the ESC Ordinance,
 - b. The EPA's 2017 Construction General Permit (CGP), and
 - 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.
- 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)¤	Tonstruction Activity, BMPs, and locations
¶ ¶ ¶ Initial· Phasea	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 (persection 2.2.14 of the 2017 EPA CGP) \(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 (persection 2.2.14 of the 2017 EPA CGP) \(2. Construct VTC. \[3. Set up construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction barrier, and material storage areas \[4. And Construction trailer, construction trail
¶ ¶ ¶ 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 <u>were</u> 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·theremoval©



OPERATOR: WEIL CONSTRUCTION

TOTAL SITE AREA: 1.49 ACRES
TOTAL DISTURBED AREA: 1.49 ACRES

RECEIVING WATERS: RIO GRANDE RIVER (TIJERAS ARROYO TO ALAMEDA BRIDGE), TIER 2 SEE ESC-3 FOR IMPAIRMENTS.

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

WEIL CONSTRUCTION NEW OFFICE

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

M. VALLEJOS, CPESC, CISEC

PROFESSION PROFESSION PROFESCON PROFESC

Drawn By:

04/23/2021

ESC-2

Nature of Construction Activity:

This project consists of new construction of construction office building. This project covers approximately 1.5 acres of the Weil Construction Office project. Weil Construction is responsible for all construction activities including earthwork, infrastructure, utilities, flatwork and vertical construction. The activities to occur on-site are consistent with commercial construction.

Project/Site Name:	Weil Construction Of	ffice		
Project Street/Loca	tion: 1321	Cuesta Abajo Ct.		
City: Albud	querque			
State: NM				
Zip Code:	87113			
County:	Bernalillo	<u> </u>		
Project Latitude:	35.17236	Longitude:	-106.60879	
Determination of La	atitude/Longitude:			
☐ USGS topographi	c map (scale:)		
☐ EPA Web Site	☑ NM OpenEnviroN	1ap □ GPS		
☐ Other (please spe	ecify):			
Function of Constru	ction Activity:			
□ Residential			☐ Linear (roadway)	
☐ Linear (Utility)	□Other (specify):		<u> </u>	

Is your project/site located on federally recognized Country Lands

ROLE	COMPANY	REPRESENTATVIE NAME	PHONE	EMAIL
OPERATOR	WEIL CONSTRUCTION	ANTONIO GARCIA	505-270-0433	A.GARCIA@WEILCONSTRUCTION.COM
OWNER	WEIL CONSTRUCTION	ANTONIO GARCIA	505-270-0433	A.GARCIA@WEILCONSTRUCTION.COM
BMP MAINTENANCE	WEIL CONSTRUCTION	ANTONIO GARCIA	505-270-0433	A.GARCIA@WEILCONSTRUCTION.COM
SWPPP INSPECTIONS	WEIL CONSTRUCTION	ANTONIO GARCIA	505-270-0433	A.GARCIA@WEILCONSTRUCTION.COM



Rio Grande (Tijeras Arroyo to Alameda Bridge)		AU IR CATEGORY	LOCATION DES	ATION DESCRIPTION	
			5/5C	HUC: 13020203 Rio Grande-Albuquerque	
AU ID	WQS REF	WATER TYPE	SIZE	ASSESSED	MONITORING SCHEDULE
NM-2105_51	20.6.4.105	RIVER	15.6 MILES	2020	2023
USE	ATTAINMENT	CAUSE(S)	FIRST LISTED	TMDL DATE	PARAMETER IR CATEGORY
IRR	Fully Supporting				
LW	Fully Supporting		2000 E CO		000000000000000000000000000000000000000
MWWAL	Not Supporting	Mercury - Fish Consumption Advisor PCBS - Fish Consumption Advisor Dissolved oxygen Temperature	TT-11-000	2023 (est.) 2023 (est.)	5/5C 5/5C 5/5A 5/5A
PC	Not Supporting		2020	6/30/2010	4A
PWS	Not Assessed		20000194194000000		**************************************
WH	Fully Supporting				

AU Comment: TMDL for E. coli. Fish Consumption Advisory listings are based on NMs current fish consumption advisories for this water body. Per USEPA guidance, these advisories demonstrate non-attainment of CWA goals stating that all waters should be "fishable." Therefore, the impaired designated use is the associated aquatic life even though human consumption of the fish is the actual concern.

	Summary by Map Unit — Bernalillo County and Parts of Sandova	l and Valencia Counties, New Mexico	(HM500)	
Summary by Map Unit -	Bernalillo County and Parts of Sandoval and Valencia Counties, New Mexi-	co (NM600)		- 6
Hep unit symbol	Hap unit name	Rating	Acres in AOI	Percent of AOI
BKD	Bluepoint-Kokan association, hilly	.17	0.5	35.0%
WeB-	Wink-Embudo complex, 0 to 5 percent slopes	.28	0.9	65.0%
Totals for Area of Inter-	est		1.3	100.0%

No⊠



OPERATOR: WEIL CONSTRUCTION

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

WEIL CONSTRUCTION NEW OFFICE

TEMPORARY EROSION AND SEDIMENT
CONTROL PLAN

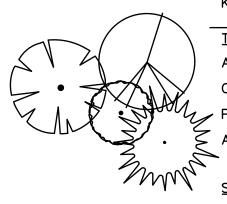
M. VALLEJOS, CPESC, CISEC
DROFF
THEO PROFESSION
8
DESC. 10
Z WATHEW F. VALLEJOS
No. 9108
AND SEDMAN

Drawn By:

ESC-3

04/23/2021

PLANT LEGEND



WATER DECIDUOUS/ COVERAGE KEY COMMON NAME BOTANICAL NAME QTY INSTALLED SIZE REMARKS MATURE SIZE USE EVERGREEN <u>TREES</u> DECIDUOUS 707 SF ALLEE ELM ULMUS PARVIFOLIA 'ALLEE' 3 2" CAL., 10'-12' HT. B&B 707 SF CHINESE PISTACHE PISTACHIA CHINENSIS 3 2" CAL., 10'-12' HT. DECIDUOUS PURPLE ROBE LOCUST ROBINIA PSEUDOACACIA 3 2" CAL., 10'-12' HT. DECIDUOUS 315 SF **AUSTRIAN PINE** 1 6'-8' HT. EVERGREEN 707 SF PINUS NIGRA SHRUBS/GROUNDCOVERS/GRASSES/PERENNIALS BOUTELOUA GRACILIS 11 MIN. 12" HT. 3' HT. X 3' SPD. BLONDE AMBITION 5 GALLON DECIDUOUS 7 SF 'BLONDE AMBITION' BLUE GRAMA BEAR GRASS NOLINA TEXANA 12 MIN. 12" HT. DECIDUOUS 20 SF HESPERALOE PARVIFLORA 15 MIN. 12" HT. RED YUCCA EVERGREEN 7 SF 3' HT. X 3' SPD.

18 MIN. 12" HT.

14 MIN. 18" SPD.

1 4'-6' HT.

FORESTIERA NEOMEXICANA 9 4'-6' HT.

FALLUGIA PARADOXA

YUCCA ELATA

'AUTUMN AMBER'

HATCH LEGEND

APACHE PLUME

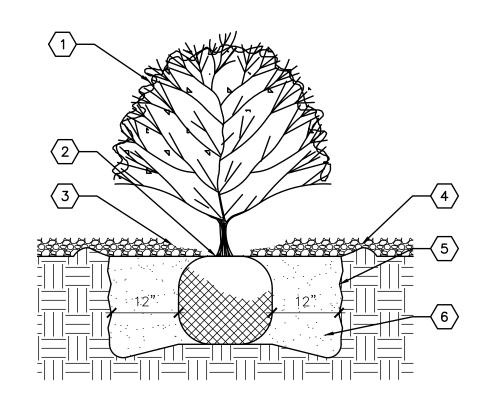
SOAPTREE YUCCA

GRAVEL MULCH — SEE GENERAL NOTE B. ORGANIC MULCH - SEE GENERAL NOTE C.

AAS AUTUMN AMBER SUMAC RHUS TRILOBATA

COBBLE MULCH - SEE GENERAL NOTE D.

accent boulder - see general note g.



1. SHRUB LOCATION AND SPECIES AS PER PLAN.

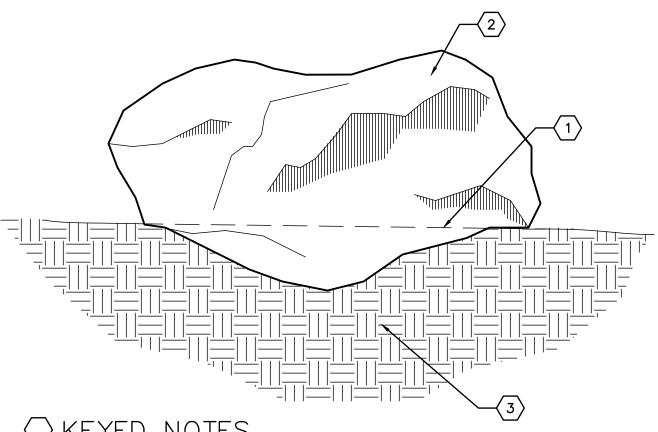
2. PLANT AT SAME DEPTH MAINTAINED AT NURSERY. 3. FEATHER MULCH TO A 2" DEPTH ON TOP OF ROOT BALL AND HOLD

BACK 2" FROM SHRUB STEM(S). 4. MULCH THROUGHOUT SHRUB BED UNLESS OTHERWISE NOTED, DEPTH

5. SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES.

6. BACKFILL AND SOIL AMENDMENTS (SEE SPECIFICATIONS).

SHRUB PLANTING



- 1. TOP OF MULCH. BOULDER SHALL BE BURIED TO MINIMUM 8" DEPTH BELOW TOP OF
- MULCH. 2. BOULDERS SHALL BE 12 - 18 CF. MOSSROCK. CONTRACTOR SHALL SUBMIT A SAMPLE
- TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO INSTALLATION. 3. COMPACTED SUBGRADE.

ACCENT BOULDER

PLANTING NOTES

A. IN CASE OF DISCREPANCY IN PLANT QUANTITIES SHOWN ON THE PLANT LEGEND AND THOSE SHOWN ON THE PLANTING PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL GOVERN. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION. NO ADDITIONAL PAYMENT WILL BE MADE FOR ANY DISCREPANCIES IN QUANTITIES BETWEEN THE PLANTING PLAN AND THE PLANT LIST.

3' HT. X 6' SPD.

DECIDUOUS 113 SF

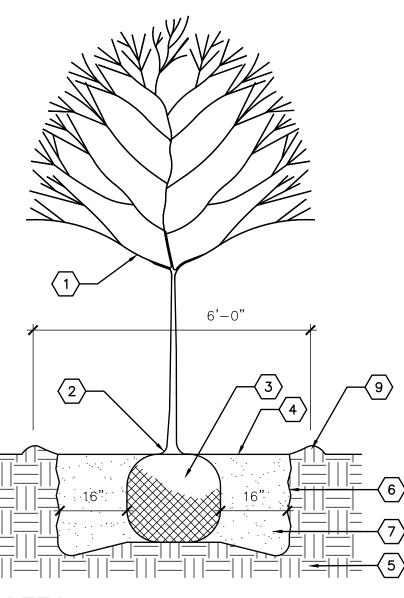
EVERGREEN 28 SF

EVERGREEN 20 SF

DECIDUOUS 28 SF

15 GA, MULTI 15' HT. X 12' SPD.

- B. GRAVEL MULCH SHALL BE 1" 'MOUNTAINAIR BROWN', AS AVAILABLE FROM JPR GRAVEL, INC. (505-503-7766), OR APPROVED EQUAL, INSTALLED AT A 3" DEPTH OVER FILTER
- C. ORGANIC MULCH SHALL BE 'NATIVE MULCH' AS AVAILABLE FROM SOILUTIONS, INC. (505-877-0220), OR APPROVED EQUAL, INSTALLED AT A 4" DEPTH WITHOUT FILTER
- D. COBBLE MULCH SHALL BE 2"-4" 'COYOTE MIST' AS AVAILABLE FROM JPR GRAVEL, INC. (505-503-7766), OR APPROVED EQUAL, INSTALLED AT A 4" DEPTH OVER FILTER
- E. FILTER FABRIC SHALL BE MIN. 4 OZ. NON-WOVEN NEEDLE-PUNCHED POLYPROPYLENE (MIRAFI OR EQUIVALENT). OVERLAP ENDS 3" AND TURN DOWN EDGES 6".
- F. THE TOP OF MULCH SHALL BE 1" BELOW TOP OF ADJACENT CONCRETE SURFACES.
- G. ACCENT BOULDERS SHALL BE INSTALLED PER DETAIL A3/LP101.
- H. CONTRACTOR SHALL PRUNE LOWER BRANCHES OF DECIDUOUS TREES AS DIRECTED BY LANDSCAPE ARCHITECT IN THE FIELD.
- TREES SHALL BE INSTALLED PER DETAIL A4/LP101
- J. SHRUBS SHALL BE INSTALLED PER DETAIL B3/LP101. K. IF THERE IS A DISCREPANCY IN THE FIELD OR NURSERY BETWEEN THE CONTAINER SIZE CALLED OUT UNDER "REMARKS" AND HEIGHT & SPREAD CALLED OUT UNDER "SIZE", THE SPECIFIED PLANT MUST MEET HEIGHT & SPREAD REQUIREMENTS SPECIFIED UNDER "SIZE", EVEN IF A LARGER CONTAINER SIZE IS REQUIRED TO MEET THESE SPECIFICATIONS, AT NO ADDITIONAL COST TO THE OWNER.



- 1. TREE LOCATION AND SPECIES PER PLAN.
- 2. REMOVE EXISTING SOIL (FROM NURSERY) AS NEEDED TO EXPOSE ROOT FLARE. INSTALL WITH ROOT FLARE 2"-3" ABOVE GRADE AND HELD BACK 2" FROM TREE TRUNK. MULCH SHALL BE HELD BACK 4"-6" FROM TREE TRUNK.
- 3. PLACE TREE IN HOLE TO STRAIGHTEN. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TWINE AND/OR ROPE, AND BURLAP PRIOR TO BACKFILL
- 4. FINISH GRADE AT PLANTING AREA. MULCH MATERIAL AND DEPTH VARIES SEE
- 5. UNDISTURBED SUBGRADE.
- SCARIFY EDGE OF PLANTING HOLE, CONTINUOUS ALL SIDES. 7. BACKFILL AND SOIL AMENDMENTS (SEE SPECIFICATIONS).
- 8. SMOOTHLY TAPER SLOPE TO FORM TREE WELL.
- 9. EARTHEN BERM, 6" HEIGHT.

TREE PLANTING



HIS DRAWING IS INCOMPLETE AND NOT TO F

USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED, AND DATED BELOW

CTION

TA ABAJO QUE, NM

CUEST JQUER(

FICE BUIL

OFFICE L CONST

NEW C WEIL

LANDSCAPE ARCHITECTS

505 268 2266 mrwmla.com

RAWING SHEET

PROJECT NO: 5428.00

REER STAFFORD/SJCF ARCHITECTURE

DRAWN BY: JW

CHECKED BY: AZ

PLANTING PLAN