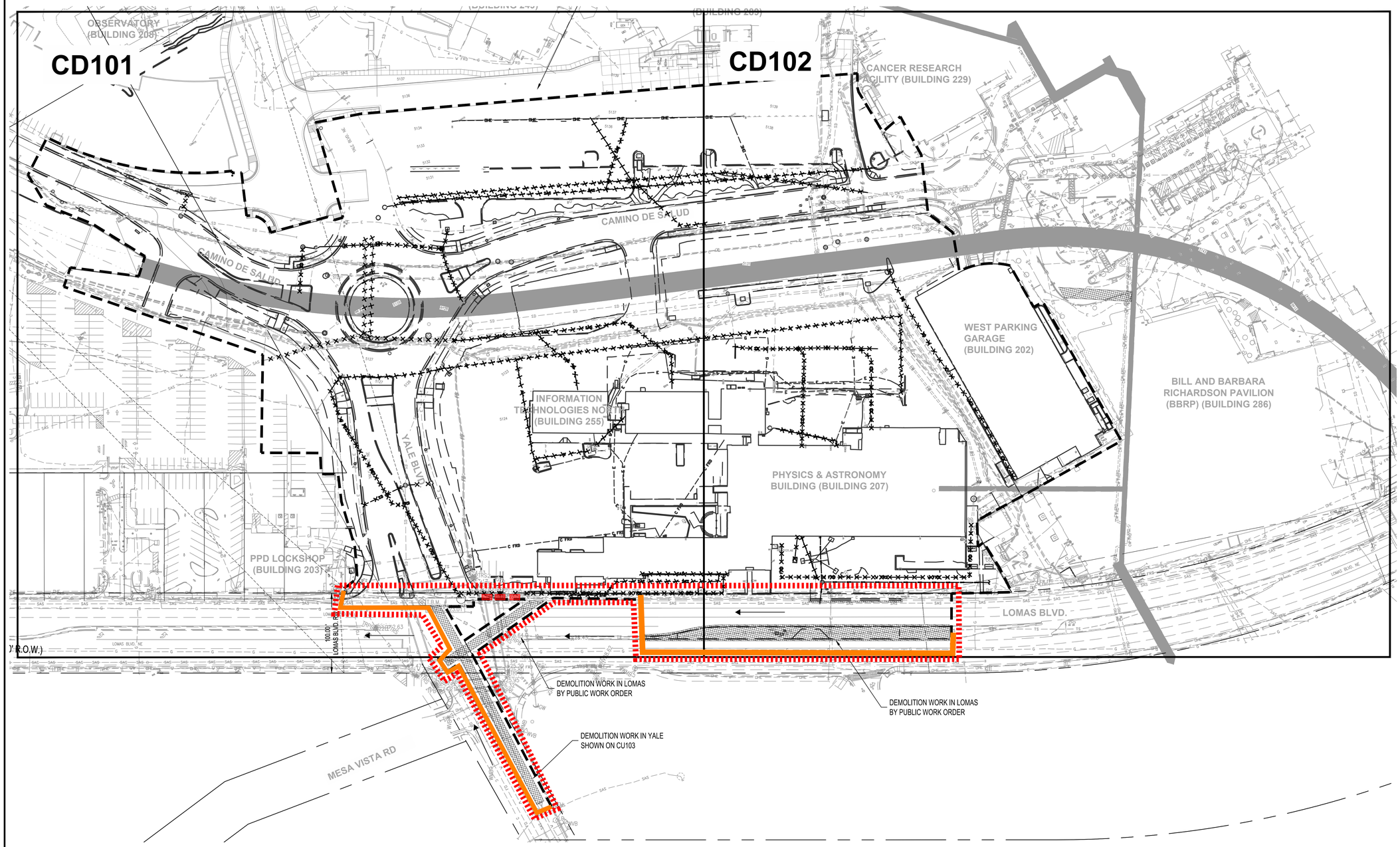


BMP MAP LEGEND

- LIMITS OF DISTURBANCE
- PERIMETER BMP MULCH FILTER SOCK
- INLET PROTECTION
- FLOW DIRECTION

TOTAL SITE AREA: 0.94 ACRES
TOTAL DISTURBED AREA: 0.94 ACRES
SEE SHEET 10 FOR PHASING

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

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

UNMH - NEW HOSPITAL PHASE 2
(LOMAS & YALE WORK AREAS)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

Drawn By:	
M. VALLEJOS, CPESC, CISEC	01/27/2021

CERTIFIED PROFESSIONAL IN EROSION AND SEDIMENT CONTROL
CPESC®
1-27-21
MATHEW F. VALLEJOS
No. 9108

ESC-1

Silt Sock

EROSION CONTROL PRODUCTS

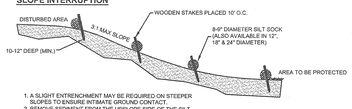
www.siltsock.net
Phone: 608-438-7625

8" Ultra

Construction	Tubular Knit		
Chemical Reaction	Inert to most soil chemicals including Alkaline, weak acids and salt		
Properties	Fiber Material	Multi-Filament Polypropylene	
	Color	Black	
	Melting Point	166°c	330°F
	UV Protection	Photodegradable/ UV Stabilized	
	UV Resistance ASTM G-155	100% at 1000 hr.	
	Approx. Life Expectancy*	2 – 4 years	
	Mesh Opening	1/8"	
Roll Properties (Approx.)	Roll Weight	11.8 kg	26 lbs.
	Roll Length - Relaxed	174 m	540 ft.
Applied Roll Length (Approx.)	8" Diameter	146 m	475 ft.
Strength Properties	ASTM 6241 & ASTM 5035	222 psi	
Packaging	Package Type	Roll	

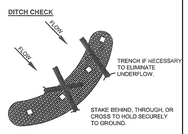
SILT SOCK INSTALLATION GUIDELINES

SLOPE INTERRUPTION



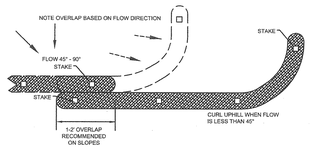
1. A SLIGHT ENTRENCHMENT MAY BE REQUIRED ON STEEPER SLOPES TO ENSURE INTIMATE GROUND CONTACT.
2. REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF THE SILT SOCK WHEN ACCUMULATION HAS REACHED 1/2 OF EFFECTIVE HEIGHT OF THE SILT SOCK.
3. LOOSE FILTER MEDIA MAY BE BACKFILLED ON THE UPSLOPE SIDE OF SOCK TO ENHANCE PERFORMANCE.
4. HARDWOOD STAKES 2"x2"x24" (NOMINAL) ARE SUGGESTED.

DITCH CHECK

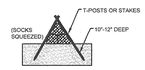


INSTALL SILT SOCK PERPENDICULAR TO FLOW WITH ENDS CURLED SLIGHTLY UPSTREAM TO PREVENT HIGH WATER FROM GOING AROUND THE ENDS. SLOW AND SPREAD WATER TO REDUCE CHANNELING AND EROSION

PERIMETER CONTROL & OVERLAPPING

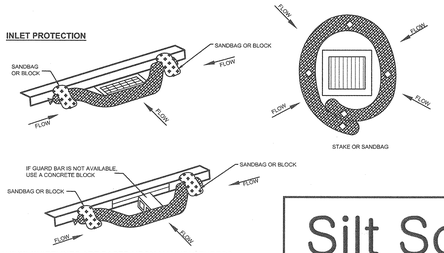


PYRAMID INSTALLATION STAKING



A PYRAMID OF SMALLER DIAMETER SILT SOCKS WILL INCREASE THE EFFECTIVE HEIGHT OF THE DEVICE WHEN LARGER DIAMETER SOCKS ARE NOT READILY AVAILABLE OR EASY TO INSTALL.

INLET PROTECTION



1. THESE GUIDELINES ARE BASED UPON MANUFACTURERS RECOMMENDATIONS. PROJECT SPECIFICATIONS MAY SUPERSEDE THESE GUIDELINES.
2. REFER TO REGULATORY AUTHORITY OR PROJECT ENGINEER FOR DETAILED INSTALLATION PROCEDURES.
3. WOOD FILLER MATERIAL IS PROPERLY SIZED, BIODEGRADABLE, WEED , SEED & DISEASE FREE AND ENVIRONMENTALLY SOUND.

Silt Sock

EROSION CONTROL PRODUCTS

(608) 438-7625
WWW.SILTSOCK.NET

Coir Mat Inlet Protection

UV Resistance (ASTM D 4355 – 500 hour exposure) Tensile Properties (ASTM D 5035/ECTC)
(4 inch wide strip specimen)

Baseline Properties	
MD – Maximum Load (ppi)	14.6
TD – Maximum Load (ppi)	18.7
MD – Elongation @ Max Load (%)	19.3
TD – Elongation @ Max Load (%)	27.7

500 Hour Exposed Properties	
MD – Maximum Load (ppi)	10.2
TD – Maximum Load (ppi)	13.8
MD – Elongation @ Max Load (%)	16.9
TD – Elongation @ Max Load (%)	16.6

Light Penetration (ECTC Guidelines)	
Baseline Reading	125
Reading with sample	10
% Light Penetration	<8

Resiliency (ASTM D 6524)	
Pre-loading thickness (mils)	1943
Post-loading thickness (mils)	326
% change	-83

Swell (ECTC)	
Dry thickness (mils)	1984
Thickness after soak (mils)	2098
% change	6

Mass/Unit Area (ASTM D 6565)	
Mass/unit area (oz/sq. yd)	50.89
Mass/unit area (g/sq. meter)	1725

Water Absorption (ASTM D 1117/ECTC)	
Pre-soak Weight (grams)	69
Post-Soak (grams)	152
Weight change (grams)	82
% Weight Change	119

Smolder Resistance (ECTC)	
Maximum Burn Distance (in)	.29

Sediment Control (ASTM D 5141)	
Test material:	Sand sieved thru No. 10 sieve
Filtering Efficiency (%)	40.8
Flow Rate (liter/minute)	150

ESC Plan Standard Notes (2020-07-16)

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.
4. 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, 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 documented on self-inspection reports and approved by the City of Albuquerque prior to removal of BMPs and discontinuation of inspections.

green globe ENVIRONMENTAL

TOTAL SITE AREA: 0.94 ACRES
TOTAL DISTURBED AREA: 0.94 ACRES
SEE SHEET 10 FOR PHASING.

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

UNMH - NEW HOSPITAL PHASE 2
(LOMAS & YALE WORK AREAS)

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

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No. 9108
1-27-21

ESC-2

South Yale & Garage Site Capture Phase 2: 1-13-21 to 4-23-21

Legend

- Fencing W/ Directional Signage
- SWPP Rumble Strips
- South Yale Area of Work
- Phase 1A Work Complete
- Exiting AMFCA Channel
- Lomas Lane Closure
- Temporary Toilets at Gates
- Dumpster & Connex Yard
- Garage Footprint
- Site Retaining Walls
- Future Project Work
- Public Route to Existing Hospital Complex and P&A Buildings
- Traffic Control Area
- Temporary Entrances
- Site Trailer Complex

0 4' 8' 16'

3/19/2020 3:46:16 PM N:\Projects\UNM\404_Revit Models\AECOM_Hunt_Comp_Site\xxx.rvt

UNIVERSITY OF NEW MEXICO HOSPITALS
New Hospital Tower
Parking Structure
2211 LOMAS BLVD. NE
ALBUQUERQUE, NM 87106

PLACE HOLDER FOR CLIENT LOGO (IF ANY).
ADD LOGO OR DELETE TEXT BY EDITING TITLEBLOCK FAMILY AND SAVING IT TO YOUR PROJECT LIBRARY

Project Number
Original Issue

Project Number
03/18/20

Sheet Name
Site Logisics Plan

Sheet Number
10