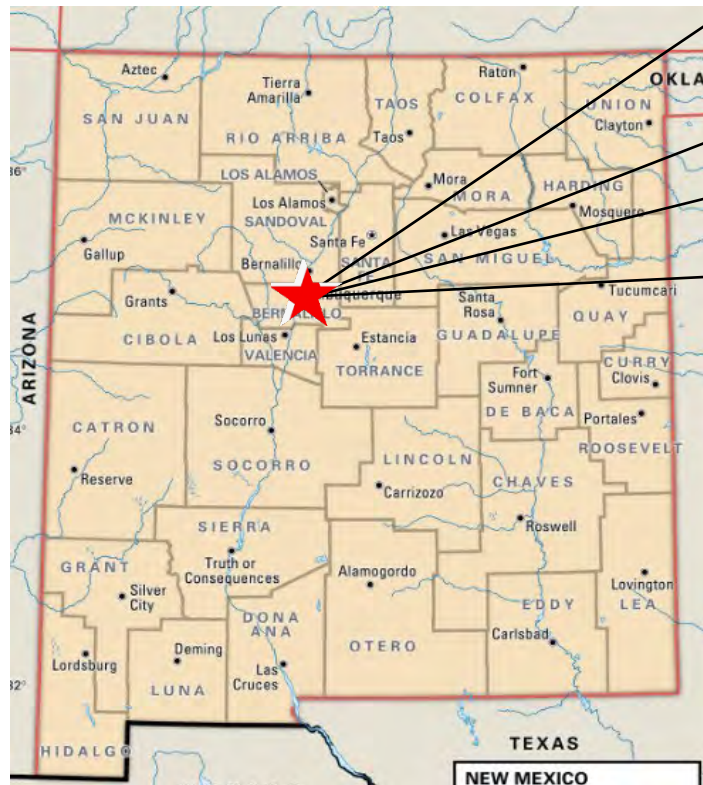
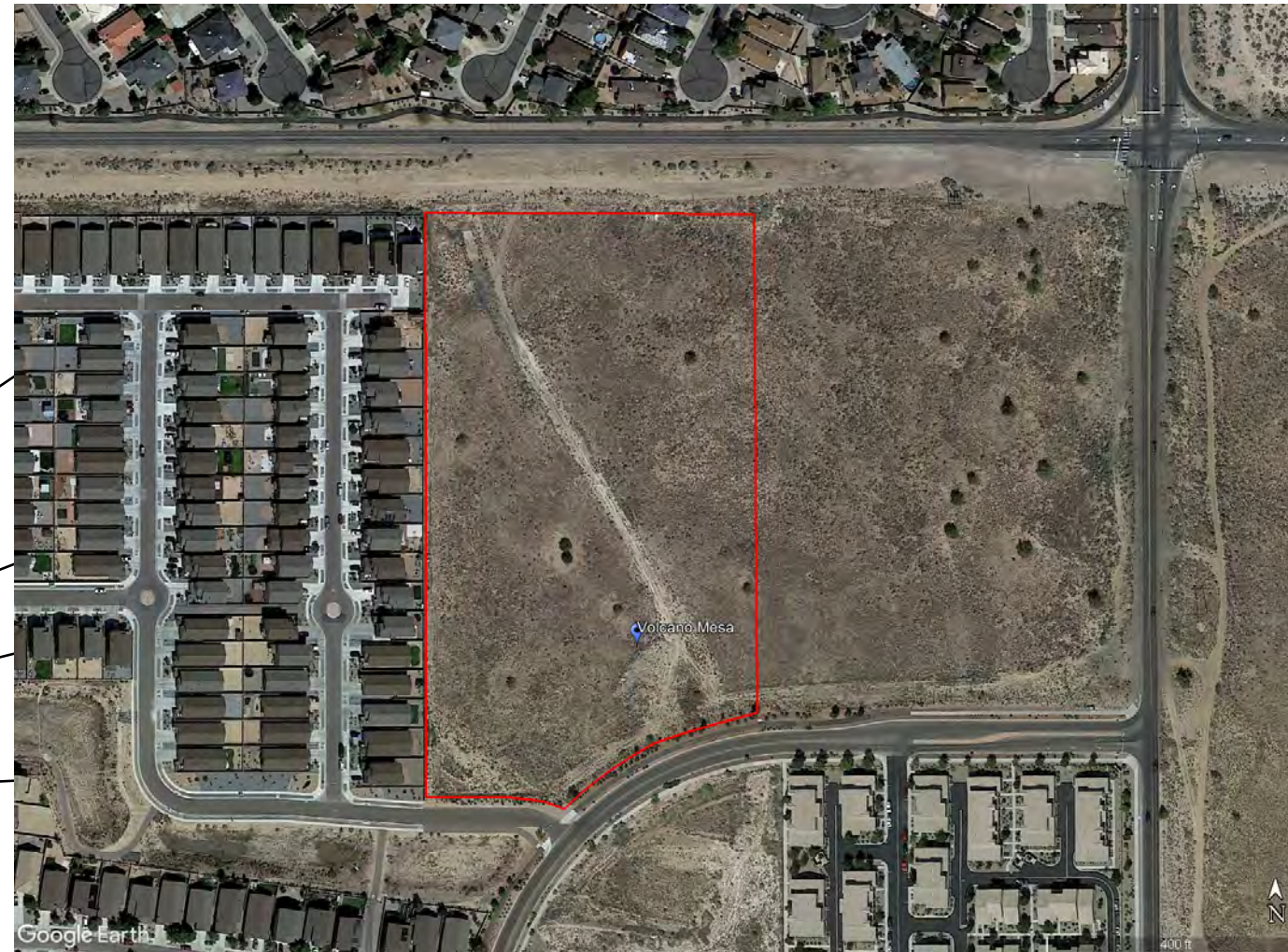


Volcano Mesa

Oak Ridge Street NW West of Universe Boulevard, Albuquerque, New Mexico 87114

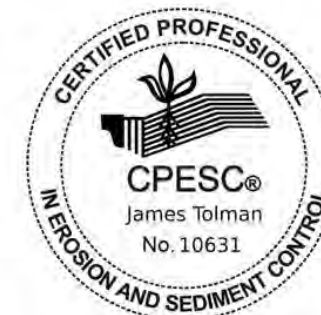
TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PAGE INDEX	
1	TITLE PAGE
2	SWPPP INFO & NOTES
3	DETAILS
4 - 7	TEMPORARY EROSION CONTROL PLAN
8	SCHEDULE & SWPPP TEAM



GPS COORDINATES:

35.186911
-106.730390



[Signature]

CPESC STAMP

Volcano Mesa

PROJECT TITLE

ALBUQUERQUE, NM - BERNALILLO COUNTY

CITY, COUNTY, STATE

10/17/2023

DATE

D. Lewis / J. Tolman

DRAWN BY



STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR

NMR100000 STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY
NMR10I000 INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT
NAVAJO RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA
PERMIT AZR10I000 AND UTE MOUNTAIN RESERVATION LANDS THAT ARE
COVERED UNDER COLORADO PERMIT COR10I000.

OPERATOR NAME: Salls Brothers Construction

OPERATOR POINT OF CONTACT: Adam Semler, 505-803-7930, asemler@sallsbrothers.com

NOI PREPARED BY: Inspections Plus, LLC



PROJECT/SITE NAME: Volcano Mesa

PROJECT/SITE ADDRESS: Oak Ridge Street NW West of Universe Boulevard, Albuquerque, New Mexico 87114

LATITUDE	35.186911
LONGITUDE	-106.730390
ESTIMATED PROJECT START DATE	05/22/2022
ESTIMATED PROJECT COMPLETION DATE	12/30/2023
ESTIMATED AREA TO BE DISTURBED	10.4 acres
TYPE OF CONSTRUCTION	Residential Development
DEMOLITION OF ANY STRUCTURES, 10,000 SQ FT OF GREATER BUILT OR RENOVATED BEFORE JANUARY 1, 1980?	NO
WAS THE PREDEVELOPMENT LAND USED FOR AGRICULTURE?	NO
COMMENCED EARTH DISTURBING ACTIVITIES?	NO
DISCHARGE TO MS4? MS4 NAME?	NO
SURFACE WATERS WITHIN 50FT?	Rio Grande
RECEIVING WATER?	Y
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	3
WHAT ARE THE IMPAIRMENTS, IF ANY?	Dissolved Oxygen; E. coli
SWPPP CONTACT INFORMATION:	Adam Semler, 505-803-7930, asemler@sallsbrothers.com
ENDANGERED SPECIES CRITERIA:	CRITERION "A"; NO CRITICAL HABITATS CRITERION
HISTORIC PRESERVATION CRITERIA:	"A" PREEXISTING DEVELOPMENT

EROSION CONTOL NOTES
ESC Plan Standard Notes (2022-08-23)

- 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.

  CPESC STAMP	Volcano Mesa	
	PROJECT TITLE	
	ALBUQUERQUE, NM - BERNALILLO COUNTY	
	CITY, COUNTY, STATE	
	10/17/2023	DATE
D. Lewis / J. Tolman	DRAWN BY	

SEDIMENT TRACK OUT CONTROL



- BMP Objectives**
- Sediment Control

BERMS AND SWALES



- BMP Objectives**
- Runoff Control
 - Run-on Diversion

SILT FENCE



- BMP Objectives**
- Sediment Control
 - Sheet Flow Runoff Control
 - Wind Erosion Control

MULCH SOCK/STRAW WATTLE






- BMP Objectives**
- Sediment Control
 - Reduce Runoff Velocity
 - Inlet Protection


INLET PROTECTION



- BMP Objectives**
- Sediment Control
 - Sheet Flow Runoff Control
 - Wind Erosion Control

  CPESC STAMP	Volcano Mesa		PROJECT TITLE	
	ALBUQUERQUE, NM - BERNALILLO COUNTY			CITY, COUNTY, STATE
	10/17/2023	DATE		
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N:\Projects\W0021 DR Horton\W0021 01 DR Horton Tract 2 Trails\3 DWG\Sheets\W0021 01 Overall Grading Plan.dwg Wed, 10/26/22 - 10:29 L.S.B. Sta. 0+00



Volcano Mesa

PROJECT TITLE

ALBUQUERQUE, NM - BERNAULLO COUNTY

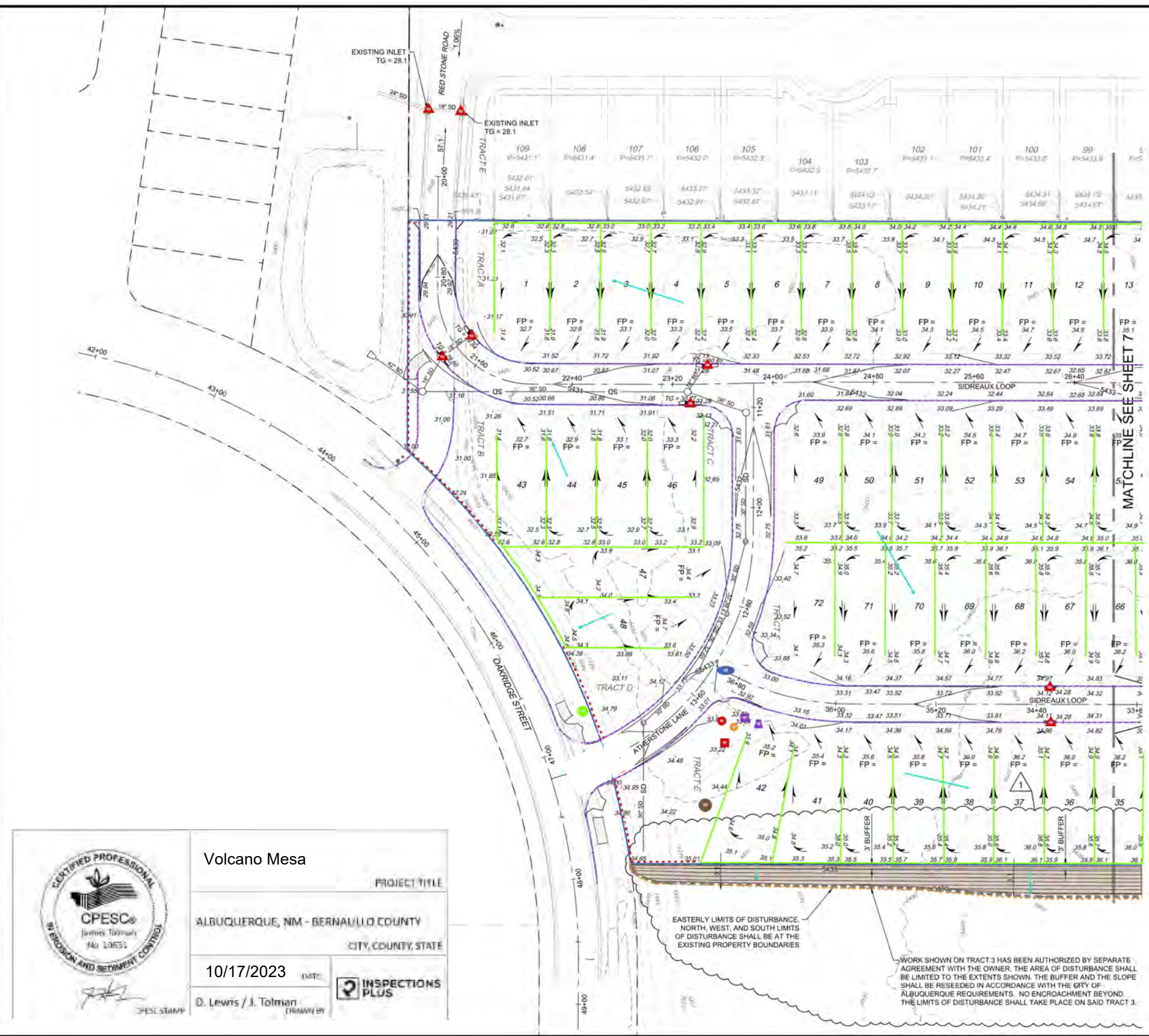
CITY, COUNTY, STATE

10/17/2023 DATE

D. Lewis / J. Tolman DRAWN BY

INSPECTIONS PLUS

CPESC STAMP



- NOTES:**
- CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE ELEVATIONS OF ABUTTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
 - THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER.
 - CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.





RESPEC

COMMUNITY DESIGN SOLUTIONS

7770 JEFFERSON STREET NE, SUITE 200

ALBUQUERQUE, NEW MEXICO 87109






WWW.RESPEC.COM PHONE: (505)253-9718



CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION	
VOLCANO MESA AT THE TRAILS GRADING PLAN	
Design Review Committee	City Engineer Approval
Project No. 738489	Zone Map No. C-9-Z
Sheet 6	of 29

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	ALBUQUERQUE CONTROL SURVEY	ALBUQUERQUE CONTROL SURVEY	ALBUQUERQUE CONTROL SURVEY	FIELD NOTES	NO.	SEAL	SEG
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
STATE PLANE COORDINATES (CENTRAL)	STATE PLANE COORDINATES (CENTRAL)	STATE PLANE COORDINATES (CENTRAL)	STATE PLANE COORDINATES (CENTRAL)	NO.	DATE	REMARKS	REVISIONS
ZONE - NAD 83	ZONE - NAD 83	ZONE - NAD 83	ZONE - NAD 83	NO.	DATE	REMARKS	REVISIONS
NORTH = 1,823,503.475 FEET	NORTH = 1,823,503.475 FEET	NORTH = 1,823,503.475 FEET	NORTH = 1,823,503.475 FEET	NO.	DATE	REMARKS	REVISIONS
EAST = 1,483,655.03 FEET	EAST = 1,483,655.03 FEET	EAST = 1,483,655.03 FEET	EAST = 1,483,655.03 FEET	NO.	DATE	REMARKS	REVISIONS
MAPPING ANGLE = 0°15'58.9"	MAPPING ANGLE = 0°15'58.9"	MAPPING ANGLE = 0°15'58.9"	MAPPING ANGLE = 0°15'58.9"	NO.	DATE	REMARKS	REVISIONS
GROUND TO GRID FACTOR = 0.9996438	GROUND TO GRID FACTOR = 0.9996438	GROUND TO GRID FACTOR = 0.9996438	GROUND TO GRID FACTOR = 0.9996438	NO.	DATE	REMARKS	REVISIONS
ELEVATION = 5524.95 FEET	ELEVATION = 5524.95 FEET	ELEVATION = 5524.95 FEET	ELEVATION = 5524.95 FEET	NO.	DATE	REMARKS	REVISIONS

LEGEND

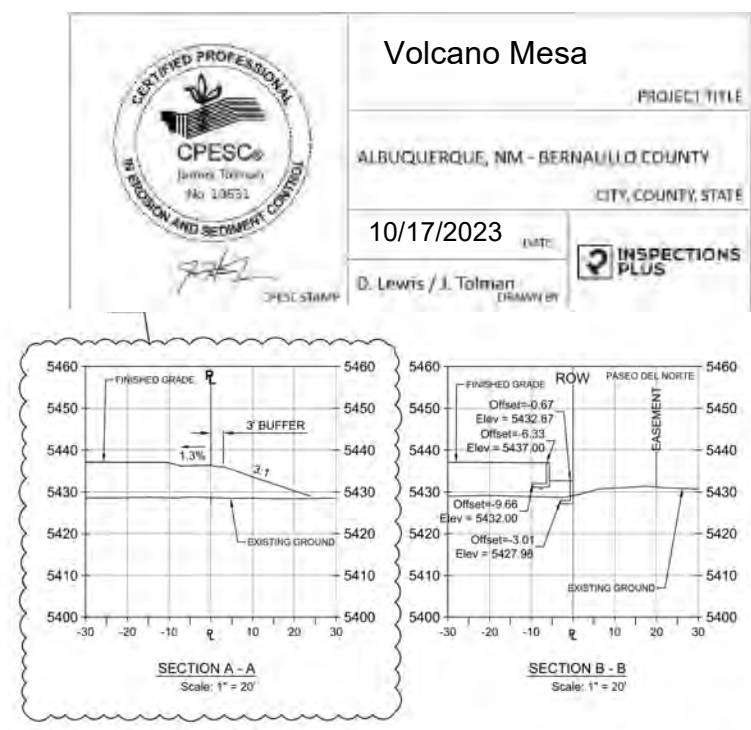


-  Rip Rap (1)
-  Silt Fence (6)
-  Block Wall
-  Pre/Post Construction Water Flow (7)
-  Cut-back Curbs and/or Sidewalks (19)
-  Property Boundary (4)
-  Extended Limit of Disturbance (1)
-  Stabilized Construction Entrance/Exit (1)
-  Street Sweeping (1)
-  Water Truck (1)
-  ERTEC Inlet Protection (8)
-  NOI/Site Notice Posting (1)
-  Stockpiles (1)
-  Material Storage (1)
-  Spill Kit - near Material Storage (1)
-  Portable Concrete Washout Bin w/ Sign (1)
-  Dumpster (1)
-  Portable Toilet - MUST be at least 10 ft. from any impervious surface (1)

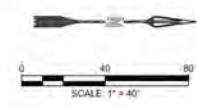
  CPESC STAMP	Volcano Mesa	
	PROJECT TITLE	
	ALBUQUERQUE, NM - BERNALILLO COUNTY	
	CITY, COUNTY, STATE	
	10/17/2023	DATE
D. Lewis / J. Tolman	DRAWN BY	
	 INSPECTIONS PLUS	



RETAINING WALL TABLE				
WALL POINT	TOP OF WALL	TOP OF FOOTING ELEVATION	WALL HEIGHT (FT)	APPROX. DISTANCE
1-1	32.67	31.33		17.2
1-2	32.67	27.33	VARIES	17.2
1-3	32.67	27.33/28.00	5.33	39.0
1-4	32.67	28.00/28.67	4.67	98.0
1-5	32.67	28.67/29.33	4.00	47.0
1-6	32.67	29.33/30.00	3.33	19.0
1-7	32.67	30.00/30.67	2.67	44.0
1-8	32.67	30.67/31.33	1.33	66.1
1-9	32.67	31.33	1.33	62.0
2-1	37.33	36.00		
2-2	37.33	32.00	VARIES	12.5
2-3	37.33	32.00	5.33	12.6
2-4	37.33/36.67	32.00	5.33	200.0
2-5	36.67/36.00	32.00	4.67	120.0
2-6	36.00	32.00	4.00	52.0
2-7	36.00	32.00/31.33	4.00	6.0
2-8	36.00	31.33/32.00	4.67	28.0
2-9	36.00	32.00	4.00	85.0
2-10	36.00	32.00/32.67	4.00	18.5
2-11	36.00	32.67/33.33	3.33	28.0
2-12	36.00	33.33/34.00	2.67	28.0
2-13	36.00	34.00/34.67	2.00	28.0
2-14	36.00	34.67	1.33	21.0



- NOTES:
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









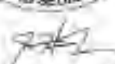

RESPEC COMMUNITY DESIGN SOLUTIONS 7770 JEFFERSON STREET NE, SUITE 200 ALBUQUERQUE, NEW MEXICO 87109 WWW.RESPEC.COM PHONE: (505) 253-8718	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT ENGINEERING DIVISION VOLCANO MESA AT THE TRAILS GRADING PLAN	
Design Review Committee	City Engineer Approval
Project No. 738489	Zone Map No. C-9-Z
Sheet 7	of 29

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ALBUQUERQUE CONTROL SURVEY	DATE	NO.	BY	SEG	REMARKS
MONUMENT UNION NEW MEXICO	DATE	STATE PLANE COORDINATES CENTRAL	DATE			1	REMOVED RETAINING WALL, ADD SLOPE
ACCEPTANCE BY	DATE	ZONE - NAD 83	DATE				GRADING TO EAST, REVISE CROSS SECTION A-A
VERIFICATION BY	DATE	NORTH = 1,523,503.475 FEET	DATE				& INSERT SLOPE AGREEMENT
COMPLETION	DATE	EAST = 1,439,655.03 FEET	DATE				NO. DATE
MICRO-FILM INFORMATION		MAPPING ANGLE = -07°15'58.96"	REVISIONS		DESIGNED BY: JS		DATE: 10/26/2022
		GROUND TO GRID FACTOR = 0.99966436			DRAWN BY: RESPEC		DATE: 10/26/2022
		ELEVATION = 8524.95 FEET			CHECKED BY: SEG		DATE: 10/26/2022

LEGEND



-  Rip Rap (1)
-  Block Wall
-  Pre/Post Construction Water Flow (7)
-  Cut-back Curbs and/or Sidewalks (7)
-  Extended Limit of Disturbance (1)
-  Property Boundary/Limit of Disturbance (1)
-  ERTEC Inlet Protection (2)



  <small>CPESC STAMP</small>	Volcano Mesa	
	<small>PROJECT TITLE</small>	
	ALBUQUERQUE, NM - BERNALILLO COUNTY	
	<small>CITY, COUNTY, STATE</small>	
	10/17/2023	<small>DATE</small>
	D. LEWIS / J. Tolman	 INSPECTIONS PLUS
	<small>DRAWN BY</small>	

OPERATOR:

Salls Brothers Construction
Matt Dyer
General Contractor
505-252-9245
mdyer@sallsborthers.com

OWNER:

DR Horton
Todd Warmkessel
Property Owner Contact
505-797-4245
twarmkessel@drhorton.com

 CPESC STAMP	Volcano Mesa	
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