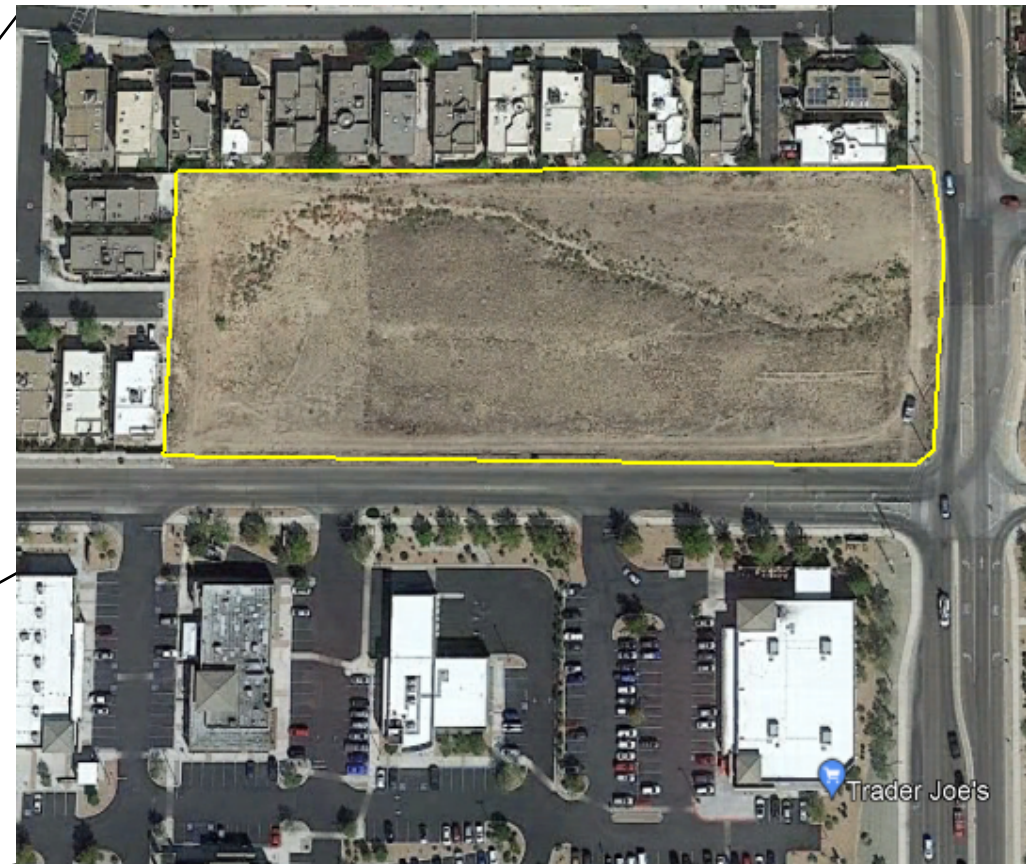


ALLASO VINEYARDS

NWC HOLLY NE AND VENTURA NE

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PAGE INDEX	
1	TITLE PAGE
2	SWPPP INFO AND NOTES
3	DETAILS
4	TEMPORARY EROSION CONTROL PLAN



GPS COORDINATES: 35.1760, -106.5431



 02/10/2022 CPESC Stamp	ALLASO VINEYARDS PROJECT TITLE	
	ALBUQUERQUE, NM, BERNALILLO COUNTY CITY, COUNTY, STATE	
	02/10/2022 DATE	 INSPECTIONS PLUS
	C. DURKIN DRAWN BY	

STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR1004EO

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: TITAN PROPERTY MANAGEMENT

OPERATOR POINT OF CONTACT: BRIAN PATTERSON

NOI PREPARED BY: INSPECTIONS PLUS

PROJECT/SITE NAME: ALLASO VINEYARDS

PROJECT/SITE ADDRESS: NWC HOLLY AND VENTURA NE

LATITUDE	35.1760
LONGITUDE	-106.5431
ESTIMATED PROJECT START DATE	01/03/2022
ESTIMATED PROJECT COMPLETION DATE	12/31/2023
ESTIMATED AREA TO BE DISTURBED	4.0 ACRES
TYPE OF CONSTRUCTION	RESIDENTIAL
DEMOLITION OF ANY STRUCTURES, 10,000 SQ FT OF GREATER BUILT OR RENOVATED BEFORE JANUARY 1, 1980?	N/A
WAS THE PREDEVELOPMENT LAND USED FOR AGRICULTURE?	N/A
COMMENCED EARTH DISTURBING ACTIVITIES?	NO
DISCHARGE TO MS4? MS4 NAME?	N/A ONSITE RETENTION
SURFACE WATERS WITHIN 50FT?	NO
RECEIVING WATER?	ONSITE RETENTION POND
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	N/A
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A

SWPPP CONTACT INFORMATION: BRIAN PATTERSON 505-998-0163 BPATTERSON@TITAN-DEVELOPMENT.COM
ENDANGERED SPECIES CRITERIA: CRITERION "A" NO CRITICAL HABITATS
HISTORIC PRESERVATION CRITERIA: CRITERION "A" PREVIOUS SURVEYS

EROSION CONTOL NOTES
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.

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SEDIMENT TRACK OUT CONTROL



- BMP Objectives**
- Sediment Control

SILT FENCE



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

BERMS AND SWALES



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

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

LEGEND

TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

PP-PP-PP-

PROJECT PERIMETER

STAGING AREA

CHEMICAL TOILET

RETENTION POND

BW

EXISTING BLOCK WALL

FLOW DIRECTION

CONCRETE WASHOUT

S

POSTING SIGN

SF-SF-SF-SF

SILT FENCE

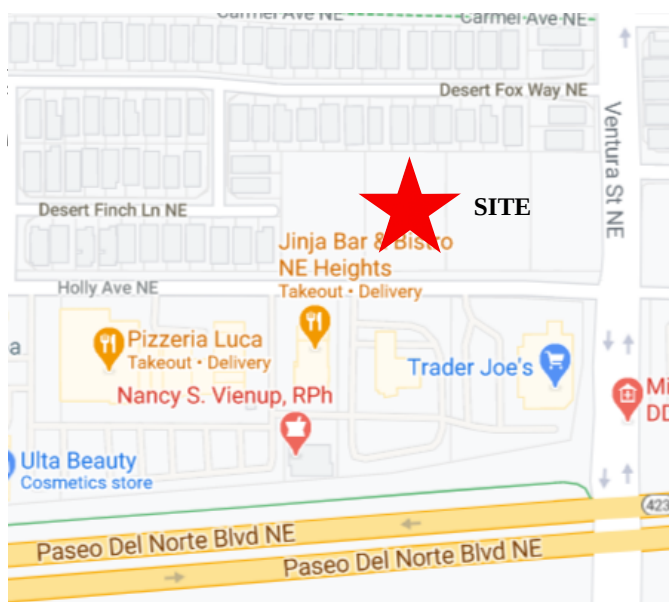
STABILIZED CONTRUCTION ENTRANCE

X

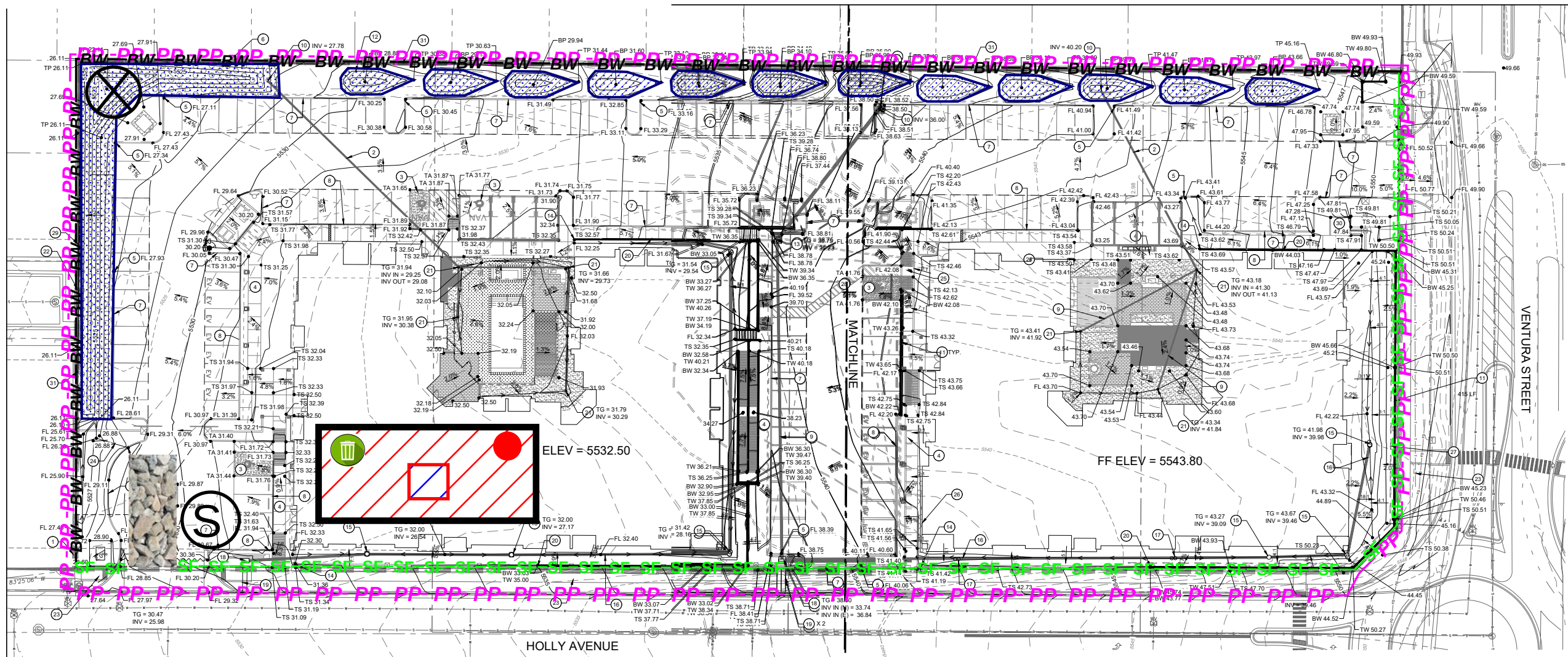
OUTFALL

DEBRIS CONTAINMENT

CERTIFIED PROFESSIONAL CPESC CASSANDRA DURKIN NO. 8212 IN EROSION AND SEDIMENT CONTROL 02/10/2022 CPESC Stamp	ALLASO VINEYARDS		PROJECT TITLE
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- SCHEDULE/SEQUENCING OF CONSTRUCTION**
1. POST PERMITS
 2. INSTALL REQUIRED BMPs
 - 2.a. PERIMETER CONTROLS
 - 2.b. STABILIZED CONSTRUCTION ENTRANCE
 - 2.c. CONCRETE WASHOUT AREA
 3. TEMP POND
 4. EARTHWORK AND GRADING
 5. UTILITY INSTALLATION
 6. PAVEMENT STRUCTURES
 7. VERTICAL STRUCTURES
 8. LANDSCPING
 9. PUNCHLIST
- SITE OPERATORS:**
TITAN PROPERTY MANAGEMENT
- BRIAN PATTERSON
505-998-0163 BPATTERSON@TITAN-DEVELOPMENT.COM
- STORMWATER TEAM**
- A: REMOVE SEDIMENT FROM ADJACENT STREETS:
INSPECTIONS PLUS
- B: BMP MAINTENANCE: INSPECTIONS PLUS
- C. SITE INSPECTIONS: INSPECTIONS PLUS



DOMINATE SOIL:
EMBUDO FINE GRAVELLY LOAM, WELL DRAINED, HYDROLOGY GROUP "A"

RUSLE Calculation Before Construction

RUSLE	
$A = R * K * LS * C * P$	
A = Average Soil Loss (tons/acre/year)	3.42
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.24
LS = Slope-Length Factor	0.57
C = Cover Management Factor Bare Ground	1.0
P = Erosion Control Practice Factor None	1.0

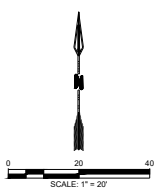
RUSLE Calculation During Construction

RUSLE	
$A = R * K * LS * C * P$	
A = Average Soil Loss (tons/acre/year)	1.71
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.24
LS = Slope-Length Factor	0.57
C = Cover Management Factor Disturbed Ground	1.0
P = Erosion Control Practice Factor Silt Fence	0.5

RUSLE Calculation After Construction

RUSLE	
$A = R * K * LS * C * P$	
A = Average Soil Loss (tons/acre/year)	0.342
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.24
LS = Slope-Length Factor	0.57
C = Cover Management Factor Stabilization	0.1
P = Erosion Control Practice Factor Paving	1.0

**STAGING AREA IS REPRESENTATIVE
AND MAY BE MOVED TO
ACCOMODATE PROJECT.**



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