

# 2200 VISTA ORIENTE

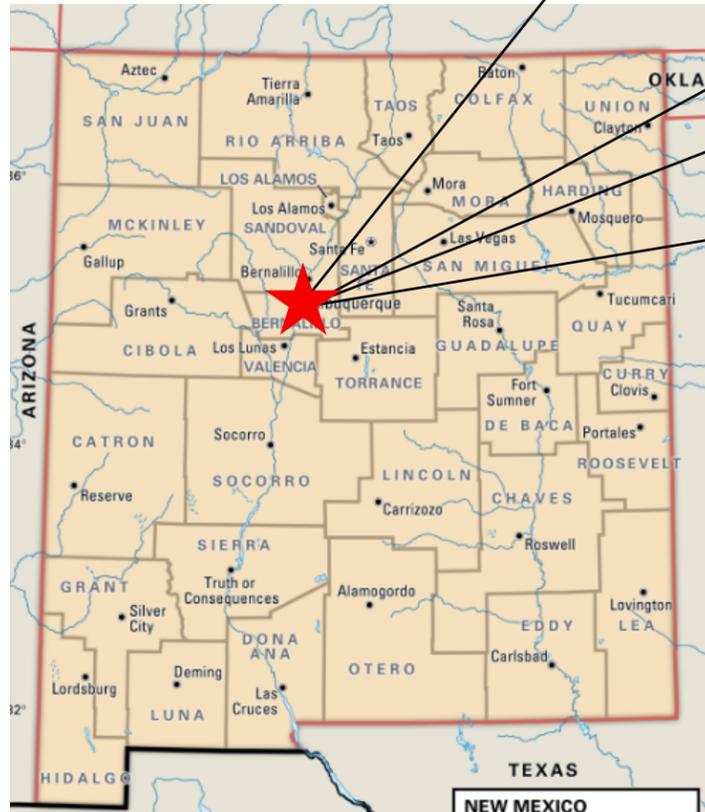
## ALBUQUERQUE, NM

### TEMPORARY EROSION AND SEDIMENT CONTROL PLAN

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GPS COORDINATES: 35.1102, -106.7289



 03/15/22 CPESC Stamp	<b>2200 VISTA ORIENTE</b> <small>PROJECT TITLE</small>	
	<b>ALBUQUERQUE, NM, BERNALILLO COUNTY</b> <small>CITY, COUNTY, STATE</small>	
	03/15/2022 <small>DATE</small>	
	C. DURKIN <small>DRAWN BY</small>	

# STORMWATER POLLUTION PREVENTION PLAN INFORMATION

**PERMIT NUMBER:** NMR10036M

**NMR100000** STATE OF NEW MEXICO, EXCEPT INDIAN COUNTRY  
**NMR101000** INDIAN COUNTRY WITHIN THE STATE OF NEW MEXICO, EXCEPT NAVAJO RESERVATION LANDS THAT ARE COVERED UNDER ARIZONA PERMIT AZR101000 AND UTE MOUNTAIN RESERVATION LANDS THAT ARE COVERED UNDER COLORADO PERMIT COR101000.

**OPERATOR NAME:**  
**TUAN HUYNH 505-269-1418 TUANVHNM@YAHOO.COM**

**OPERATOR POINT OF CONTACT:**  
**TUAN HUYNH 505-269-1418 TUANVHNM@YAHOO.COM**

**NOI PREPARED BY:**  
**INSPECTIONS PLUS**

**PROJECT/SITE NAME:**  
**2200 VISTA ORIENTE**

**PROJECT/SITE ADDRESS:**  
**2200 VISTA ORIENTE**

LATITUDE	35.1102
LONGITUDE	-106.7289
ESTIMATED PROJECT START DATE	04/01/22
ESTIMATED PROJECT COMPLETION DATE	04/01/25
ESTIMATED AREA TO BE DISTURBED	1.0
TYPE OF CONSTRUCTION	VERTICAL
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 - ONSITE POND
SURFACE WATERS WITHIN 50FT?	NO
RECEIVING WATER?	ON SITE POND
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	NO
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A

**SWPPP CONTACT INFORMATION:** TUAN HUYNH 505-269-1418

**ENDANGERED SPECIES CRITERIA:** CRITERION "A" ; NO CRITICAL HABITATS WITHIN PROJECT AREA

**HISTORIC PRESERVATION CRITERIA:** CRITERION "A"; PREVIOUS SURVEYS

## EROSION CONTROL 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

**INLET PROTECTION**



**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

**LEGEND**

**TEMPORARY EROSION AND SEDIMENT CONTROL PLAN**

PP-PP-PP- PROJECT PERIMETER

-BW-BW- EXISTING BLOCK WALL

Ⓢ POSTING SIGN

⊗ OUTFALL

 STAGING AREA

 FLOW DIRECTION

SF-SF-SF-SF SILT FENCE

 DEBRIS CONTAINMENT

 CHEMICAL TOILET

 CONCRETE WASHOUT

 STABILIZED CONSTRUCTION ENTRANCE

 SEDIMENT POND

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The prominent soil at 2200 Vista Oriente NW is Bluepoint Loamy Fine Sand. This soil is in the somewhat excessively well drained drainage class and is in the A hydrologic soil group. This soil has a high infiltration rate. This soil has a low potential for runoff. Slopes average 5.0 percent. The possibility of water erosion for this soil is low.

RUSLE Calculation Before Construction

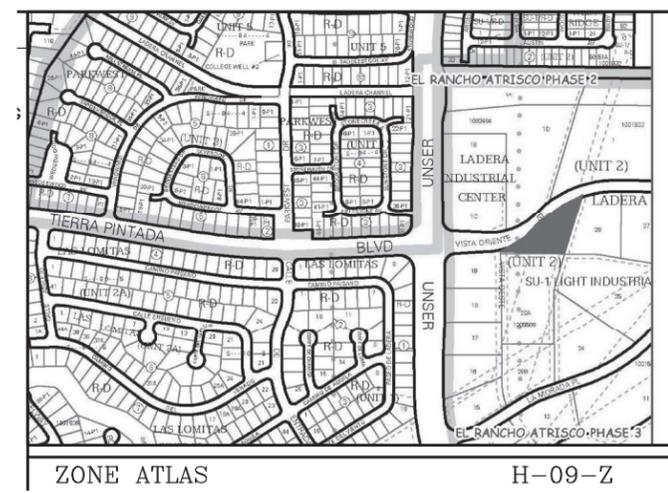
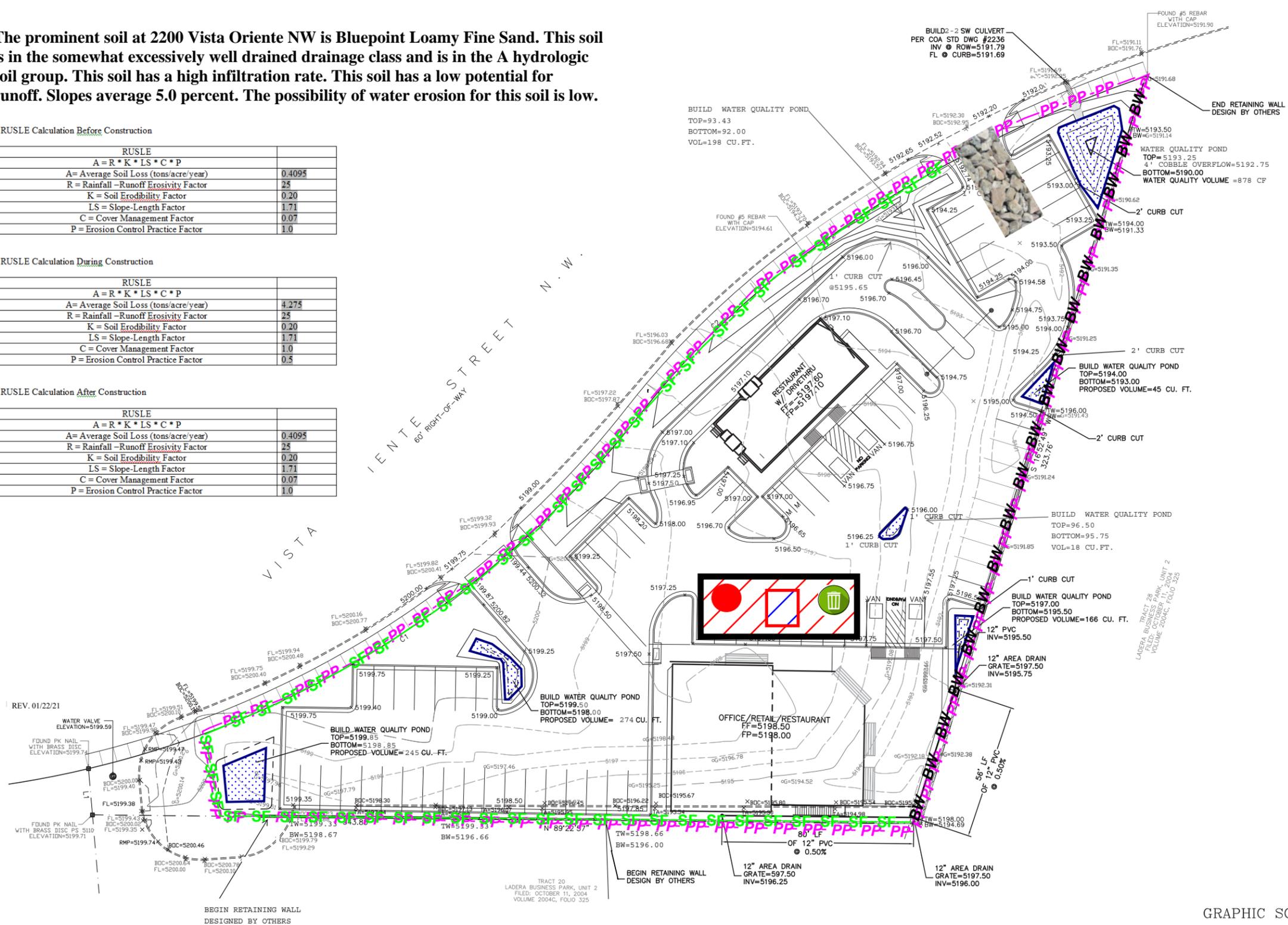
RUSLE	
A = R * K * LS * C * P	
A = Average Soil Loss (tons/acre/year)	0.4095
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.20
LS = Slope-Length Factor	1.71
C = Cover Management Factor	0.07
P = Erosion Control Practice Factor	1.0

RUSLE Calculation During Construction

RUSLE	
A = R * K * LS * C * P	
A = Average Soil Loss (tons/acre/year)	4.275
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.20
LS = Slope-Length Factor	1.71
C = Cover Management Factor	1.0
P = Erosion Control Practice Factor	0.5

RUSLE Calculation After Construction

RUSLE	
A = R * K * LS * C * P	
A = Average Soil Loss (tons/acre/year)	0.4095
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.20
LS = Slope-Length Factor	1.71
C = Cover Management Factor	0.07
P = Erosion Control Practice Factor	1.0



SCHEDULE/SEQUENCING OF CONSTRUCTION

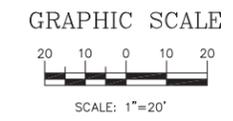
1. POST PERMITS
2. INSTALL REQUIRED BMPs
  - 2.a. PERIMETER CONTROLS
  - 2.b. STABILIZED CONSTRUCTION ENTRANCE
  - 2.c. CONCRETE WASHOUT AREA
3. TEMP POND
4. EARTHWORK AND GRADING
5. UTILITY INSTALLATION
6. PAVEMENT STRUCTURES
7. VERTICAL STRUCTURES
8. LANDSCPING
9. PUNCHLIST

SITE OPERATORS:

TUAN HUYNH, OWNER 505-269-1418

STORMWATER TEAM

- A: REMOVE SEDIMENT FROM ADJACENT STREETS: INSPECTIONS PLUS
- B: BMP MAINTENANCE: INSPECTIONS PLUS
- C: SITE INSPECTIONS: INSPECTIONS PLUS



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