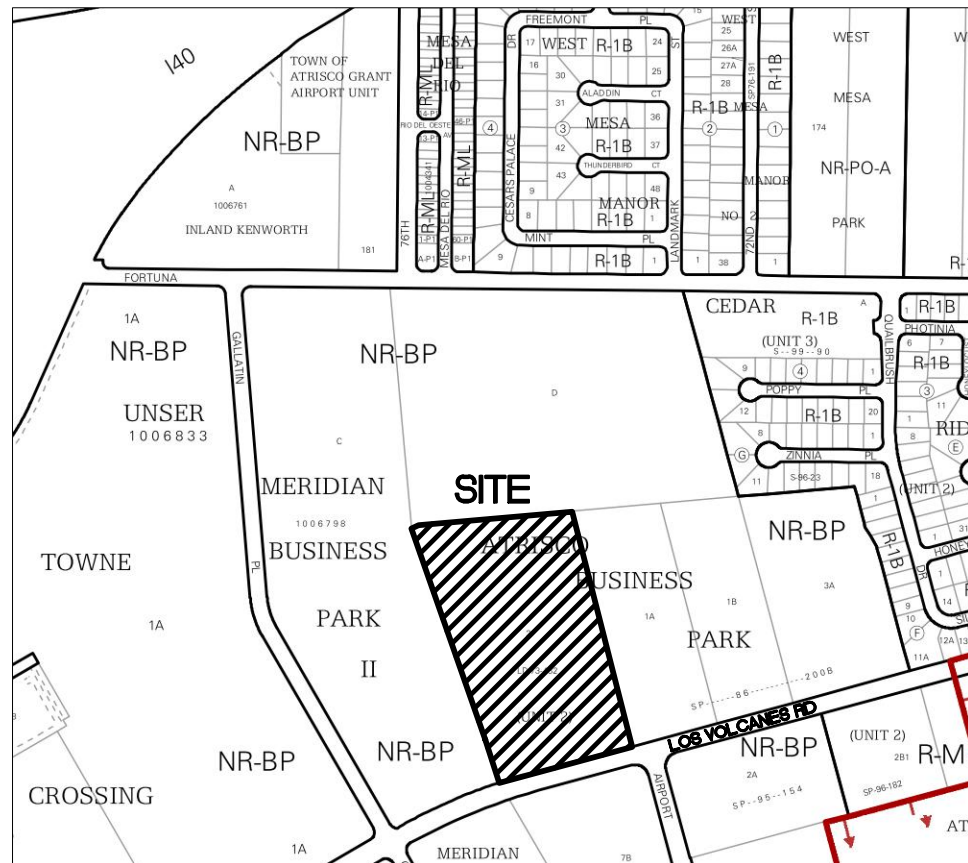


CAUTION - NOTICE TO CONTRACTOR

THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR ELEVATION OF EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND, WHERE POSSIBLE, MEASUREMENTS TAKEN IN THE FIELD. THE INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AT LEAST 48 HOURS BEFORE ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO RELOCATE ALL EXISTING UTILITIES WHICH CONFLICT WITH THE PROPOSED IMPROVEMENTS SHOWN ON THE PLANS.

LEGEND

- STABILIZED CONSTRUCTION ENTRANCE
- TEMPORARY ROCK CHECK DAM
- DISTURBED AREA BOUNDARY / SILT FENCE
- 12" DIAMETER WATTLES
- PROPOSED STORM DRAIN
- FLOW ARROW



VICINITY MAP

LEGAL DESCRIPTION:

Lot 2, in Tract "S-1" of Unit 2, Atrisco Business Park, Albuquerque, NM.



FIRM MAP 35001C0328J

Per Firm Map 35001C0328J, dated November 04, 2016, the site is not located in the Floodplain and determined to be outside the 0.2% chance Annual Floodplain.

Erosion Control Standard Notes

- 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:
 - The City Ordinance § 14-5-2-11, the ESC Ordinance,
 - The EPA's 2017 Construction General Permit (CGP), and
 - The City Of Albuquerque Construction BMP Manual.
- 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.
- 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.
- 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.

SITE STABILIZATION NOTES

- PRIOR TO REMOVING BMPs FROM THE SITE, THE ENTIRE SITE DISTURBED AREA MUST BE STABILIZED IN ACCORDANCE WITH THE CGP (CONSTRUCTION GENERAL PERMIT) SECTION 2.2.14 AND NMDOT SPEC SECTION 632 (2019 EDITION). BOTH THE CGP AND NMDOT SPEC SECTION 632 IS TO BE INCLUDED IN THE SWPPP MANUAL.
- ALL DISTURBED AREAS THAT ARE NOT TO BE PERMANENTLY STABILIZED WITH PAVEMENT, PERMANENT LANDSCAPING, OR ROCK SHALL BE STABILIZED IN ACCORDANCE WITH THE ABOVE. CLASS A SEEDING SHALL BE USED FOR AREAS WITH SLOPES FLATTER THAN OR EQUAL TO 3:1. CLASS C SEEDING SHALL BE USED FOR ANY SLOPES GREATER THAN 3:1 BUT NOT MORE THAN 2:1.
- THE SEED USED SHALL MATCH THE PRE-DEVELOPED CONDITIONS AND THE SEED MIX SHALL CONSIST OF PLANTS NATIVE TO THE AREA.
- PER THE CGP SECTION 2.2.14 (ARID, SEMI-ARID, AND DROUGHT STRICKEN AREAS), FINAL STABILIZATION IS MET IF THE AREA HAS BEEN SEEDED OR PLANTED TO ESTABLISH VEGETATION THAT PROVIDES 70 PERCENT OR MORE OF THE COVER THAT IS PROVIDED BY VEGETATION NATIVE TO LOCAL UNDISTURBED AREAS WITHIN THREE (3) YEARS AND, TO THE EXTENT NECESSARY TO PREVENT EROSION ON THE SEEDED OR PLANTED AREA, NON-VEGETATIVE EROSION CONTROLS HAVE BEEN APPLIED THAT PROVIDE COVER FOR AT LEAST THREE YEARS WITHOUT ACTIVE MAINTENANCE.

SUGGESTED SCHEDULE OF CONSTRUCTION

INTERIM STABILIZATION OF THE SITE INCLUDES THE FOLLOWING:

- INSTALL THE CONSTRUCTION ENTRANCE.
- INSTALL ROCK CHECK DAM AT THE EXISTING POND ALONG LOS VOLCANES ROAD.
- INSTALL PERIMETER AND SILT FENCE PER PLAN AND AS NEEDED FOR EARTHWORK OPERATIONS IN ORDER TO PROTECT DOWNSTREAM AREAS FROM SEDIMENT TRANSPORT.
- INSTALL CONSTRUCTION TRAILER. PREPARE MATERIAL LAYDOWN AREA AND HEAVY EQUIPMENT STORAGE / STOCKPILE AREA. INSTALL FENCING AROUND MATERIAL STORAGE / CONSTRUCTION TRAILER AREA.
- INSTALL PORTABLE RESTROOM(S), CONCRETE WASHOUT AREA, AND TRASH / DEBRIS AREA.
- EXCAVATE ALL SEDIMENT PONDS AND SWALES.
- INSTALL 12" WATTLES AND OTHER BMP'S AS MAY BE REQUIRED DURING GRADING OPERATIONS. IMPLEMENT VERTICAL TRACKING BMP ON DISTURBED AREAS WHERE APPLICABLE.
- CONDUCT MAJOR GRADING OPERATIONS OF THE SITE. INSPECT AND ADD NEW BMPs AS MAY BE REQUIRED TO PROTECT DOWNSTREAM AREAS FROM SEDIMENT TRANSPORT.
- CONSTRUCT BUILDING AND INSTALL PAVEMENT / PERMANENT LANDSCAPING.

FINAL STABILIZATION OF THE SITE INCLUDES THE FOLLOWING:

- INSTALL PERMANENT LANDSCAPING PER THE LANDSCAPE PLAN. INSTALL RIP-RAP PER GRADING AND LANDSCAPING PLANS.
- REMOVE CONSTRUCTION FENCING. REMOVE ALL EQUIPMENT/MATERIALS, CONSTRUCTION ENTRANCE, PORTABLE RESTROOMS, AND CONCRETE WASHOUT AREA. CLEAN UP ALL TRASH / DEBRIS ON SITE.
- STABILIZE THE SITE PER NMDOT SPECIFICATION SECTION 632 (REVEGETATION). REFERENCE SHEET C105.
- REMOVE TEMPORARY BMPs.

SEDIMENT BASIN CALCULATIONS

ALL SEDIMENT BASINS SIZED PER THE 2022 CGP (SECTION 2.2.12). THE 2-YEAR, 24-HOUR STORM CALCULATIONS ARE PER THE DPM, CHAPTER 6 REQUIREMENTS. 2-YEAR EXCESS PRECIPITATION PER TABLE 6.2.13, ZONE 1.

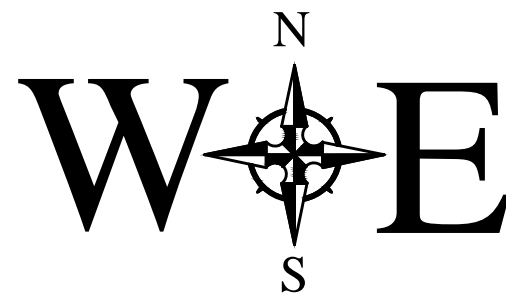
TEMPORARY SEDIMENT BASIN A

Basin Area: 3.00 Acres (130,680 SF)
Land Treatment: 10% Type C, 90% Type D
Weighted "E": 2.11"
Volume Required = 130,680*2.11/12 = 22,978 CF
Pond A-1 Volume Provided = 1,824 CF
Pond A-2 Volume Provided = 30,350 CF (18" Depth)
Volume Provided = 32,174 CF

ACS Monument "9-K10"
NAD 1983 CENTRAL ZONE
X=1498430.817 *
Y=1485617.623 *
Z=5117.72 (NAVD 1988)
G=0.999682230
Mapping Angle=-0°16'22.01"
*U.S. SURVEY FEET

ARIA

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Daniel@ariascinc.com (505) 506-2314



Wooten Engineering
PO Box 15814
Rio Rancho, NM 87174
Phone: (505) 980-3560

Ray's Flooring
Phase 1 Tenant Addition
NM Sol
7401 Los Volcanes Road NW
Albuquerque, NM 87121



Architect/Engineer Seal

mark	date	description
revisions		
issue		100% CDs
project no		2021034
drawn by		
checked by		
date		November 15, 2023

EROSION AND SEDIMENT
CONTROL PLAN

C103