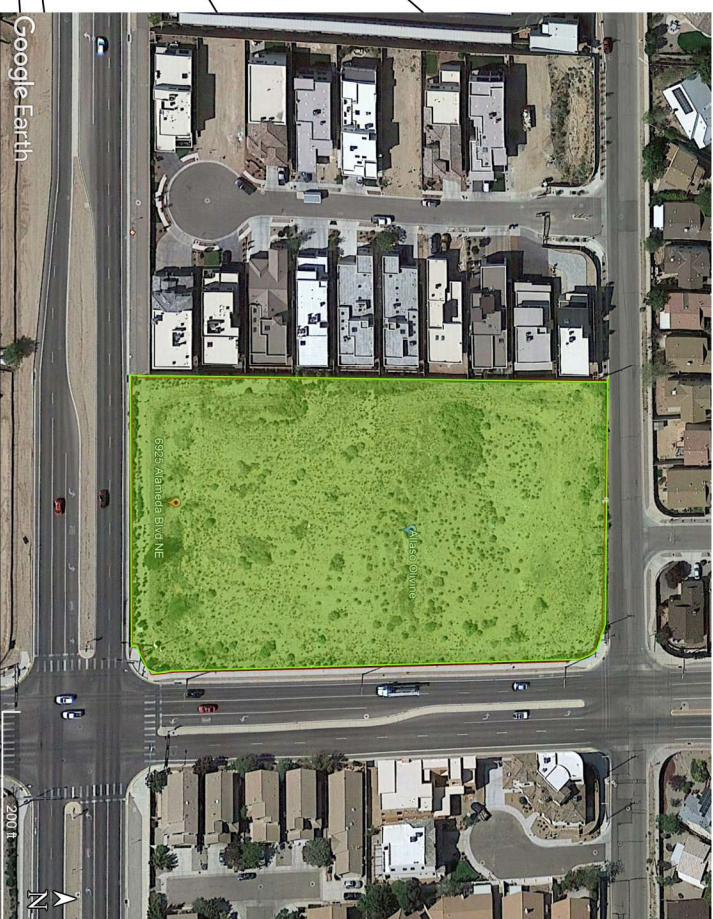
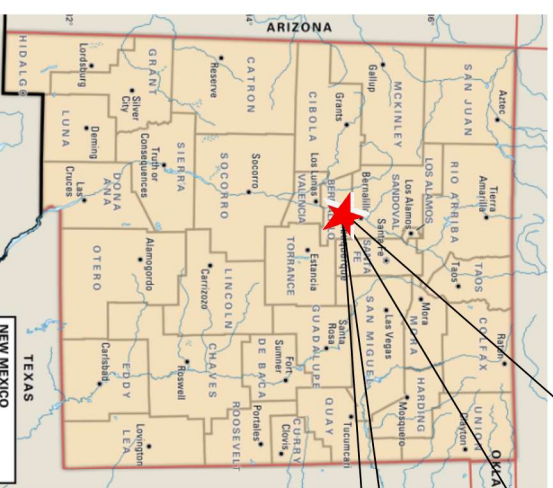


*Allaso Olive*


6925 Alameda Boulevard 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: 35.18505, -106.56952

|  |                                    |  |                     |
|--|------------------------------------|--|---------------------|
| <br>CERTIFIED PROFESSIONAL<br>CPESC®<br>James Shuman<br>No. 10033<br>EROSION AND SEDIMENT CONTROL | Allaso Olive                       |  | PROJECT TITLE       |
|  | ALBUQUERQUE, NM, BERNALILLO COUNTY |  | CITY, COUNTY, STATE |
| 12/01/2022<br>CPESC Stamp  | 12/01/2022<br>DATE                 | B. Henriksen / J. Tolman<br>DRS.WVS.BY | INSPECTIONS<br>PLUS |

## STORMWATER POLLUTION PREVENTION PLAN INFORMATION


**PERMIT NUMBER: NMR10059X**

**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:   | Titan Olivine, LLC                                 |                                   |            |
| OPERATOR POINT OF CONTACT:   | Joshua Rogers                                      |                                   |            |
| NOI PREPARED BY:   | Inspections Plus 2                                 |                                   |            |
| PROJECT/SITE NAME:   | Allaso Olivine                                     |                                   |            |
| PROJECT/SITE ADDRESS:  | 6925 Alameda Boulevard NE                          |                                   |            |
| LATITUDE   | 35.18496.  | LONGITUDE                         | -106.56932 |
| ESTIMATED PROJECT START DATE   | 01/01/2023   | ESTIMATED PROJECT COMPLETION DATE | 10/01/2024 |
| ESTIMATED AREA TO BE DISTURBED   | 2.77 ACRES   |                                   |            |
| TYPE OF CONSTRUCTION   | COMMERCIAL BUILDING                                |                                   |            |
| 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 50 FT?   | NO   |                                   |            |
| RECEIVING WATER?   | Rio Grande   |                                   |            |
| IS RECEIVING WATER IMPAIRED? TIER DESIGNATION  | Y  |                                   |            |
| WHAT ARE THE IMPAIRMENTS, IF ANY?  | Alpha Particles, E. Coli, Mercury, PCBs            |                                   |            |
| SWPPP CONTACT INFORMATION:   | Zach Green, 505-856-0404 zachg@hbcconstruction.com |                                   |            |
| ENDANGERED SPECIES CRITERIA: CRITERION "A": NO CRITICAL HABITATS                                 |  |                                   |            |
| HISTORIC PRESERVATION CRITERIA: CRITERION "A" PREEXISTING DEVELOPMENT                            |  |                                   |            |

### EROSION CONTROL 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 BMP's 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. BMP's 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 BMP's and discontinuation of inspections.

|   |                                    |                     |
|---|------------------------------------|---------------------|
|  | Allaso Olivine                     |                     |
|   | PROJECT TITLE                      |                     |
|   | ALBUQUERQUE, NM, BERNALILLO COUNTY | CITY, COUNTY, STATE |
| 12/01/2022  | DATE                               | INSPECTIONS         |
| B. Henriksen / J. Tolman  | DRAWN BY                           |                     |



SEDIMENT TRACK OUT CONTROL



- BMP Objectives**
- Sediment Control

SILT FENCE



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

MULCH SOCK/STRAW MATTE



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

INLET PROTECTION




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

BERRIS AND SWALES























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

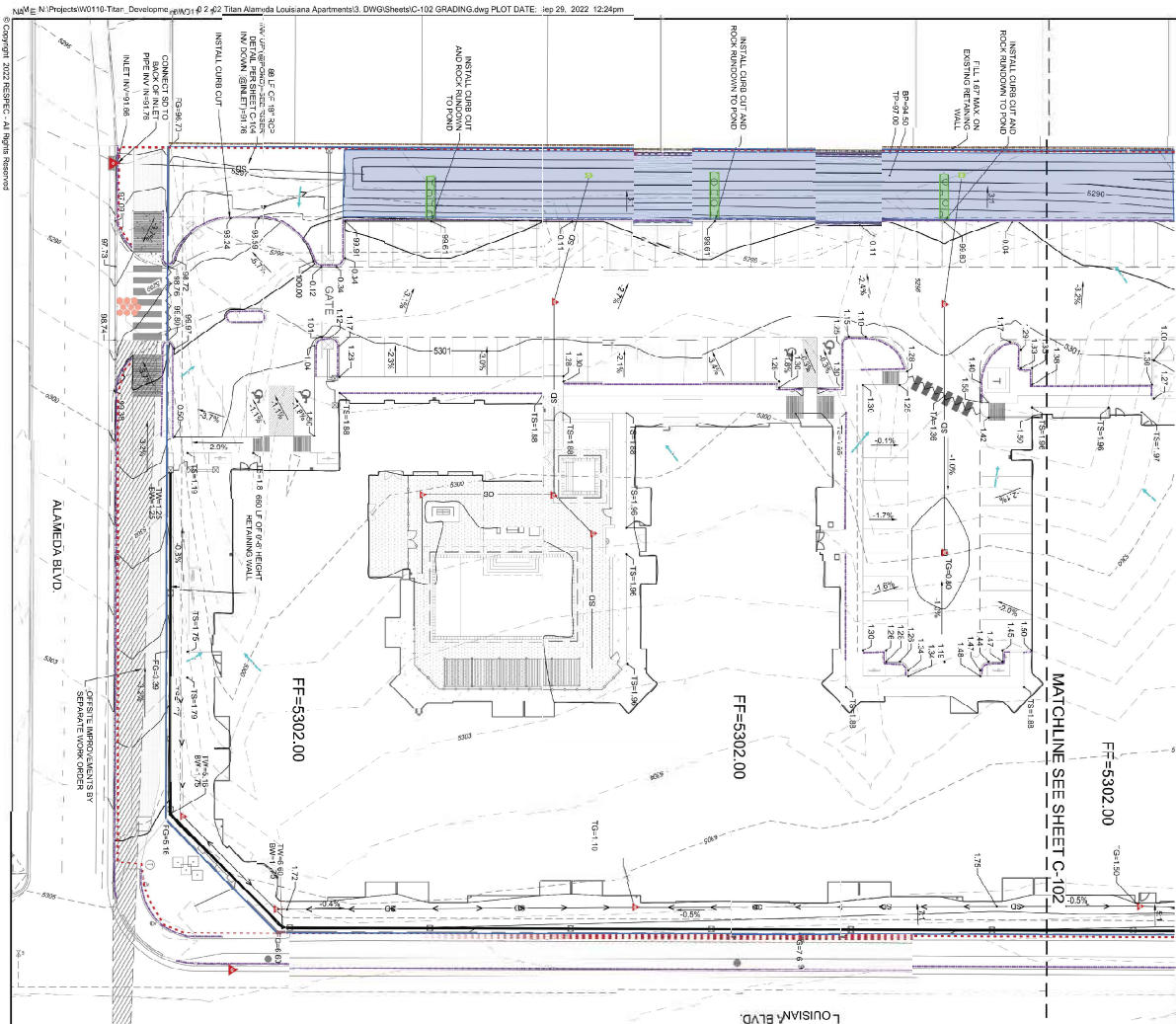
|   |                          |
|---|--------------------------|
|  |                          |
| Allison Olivine   |                          |
| PROJECT TITLE   |                          |
| ALBUQUERQUE, NM, BERNALILLO COUNTY  |                          |
| CITY, COUNTY, STATE   |                          |
| DATE  | 12/01/2022               |
| DRAWN BY  | B. Henriksen / J. Tolman |
| INSPECTIONS PLUS  |                          |
| CPESC Stamp   |                          |





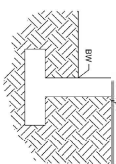
-  Rip Rap (2)
-  Retention Basin (1)
-  Silt Fence (2)
-  Pre & Post Construction Water Flow (8)
-  Property Boundary / Limit of Disturbance (2)
-  Cutback Curb / Sidewalk (15)
-  Retaining Wall (1)
-  Existing Retaining Wall (1)
-  Materials Storage (1)
-  SWPPP Sign (1)
-  ERTEC Inlet Protection (6)
-  Dumpster (1)
-  Spill Kit (1)
-  Water Truck (1)
-  Portable Concrete Washout Bin (1)
-  Stabilized Construction Exit (1)
-  Portable Toilet (1)
-  Street Sweeping (1)
-  Stockpiles (1)

|   |   |   |
|---|---|---|
| <br><br><b>12/01/2022</b><br>CPESC Stamp | <b>Allaso Olivine</b><br><small>PROJECT TITLE</small>                           |   |
|   | <b>ALBUQUERQUE, NM, BERNALILLO COUNTY</b><br><small>CITY, COUNTY, STATE</small> |   |
|   | <b>12/01/2022</b><br><small>DATE</small>  |  <b>INSPECTIONS PLUS</b> |
|   | <b>B. Henriksen / J. Tolman</b><br><small>DRAWN BY</small>                      |   |



### SPOT ELEVATION SYMBOLS

- 66.00 FLOW LINE
- 66.00-60.00 EXISTING GROUND
- TP-66.00 TOP OF POND
- BP-66.00 BOTTOM OF POND
- TS-66.00 TOP OF SIDEWALK
- TA-66.00 TOP OF ASPHALT
- BM-66.00 BOTTOM OF WALL (SEE SCHEDULE BELOW)
- TL-66.00 TOP OF WALL (SEE SCHEDULE BELOW)
- TBC-66.00 TOP BACK OF CURBS
- FGL-66.00 FINISHED GROUND
- TG-66.00 TOP OF GRADE



## RIP RAP SPECIFICATIONS

RIP RAP SHALL BE OVER FILTER MATERIAL AND CONSIST OF  
RIP RAP AND CRUSHED ROCK MEETING THE FOLLOWING  
GRADATION OR ENGINEER-APPROVED EQUAL:

|        |       |
|--------|-------|
| 1 1/2" | 100   |
| 9"     | 50-60 |
| 3"     | 35-45 |
|        | 10    |

FILTER MATERIAL SHALL CONSIST OF CRUSHED ROCK MEETING THE FOLLOWING GRADATION OR EQUIVALENT APPROVED EQUAL:  
 U.S. STANDARD SIEVE SIZE      % PASS BY WT

FILTER MATERIAL SHALL BE PLACED UNDER THE RIP RAP CHANNEL AND COMPACTED INTO SURFACE VOSDS OF THE RIP RAP. THE SILURSTONE SHALL BE PROCESSED TO A 12 IN. DEPTH AND COMPACTED TO 95% N.W. RELATIVE DENSITY PER ASTM 1997. THE FILTER MATERIAL SHALL BE TAMPED AND SHAPED TO FORM A SMOOTH EVEN AND FIRM FOUNDATION FOR THE OVERLAYING RIP RAP. THE CONTRACTORS OPERATIONS AND METHODS OF PLACING SHALL PREVENT SEGREGATION OF THE MATERIALS. THE FILTER MATERIAL SHALL BE PLACED AND TAMPED IN THE VOSDS OF THE RIP RAP.

### GRADING NOTES

- | EXISTING PROPERTY LINE | EXISTING MAJOR CONTROL |
|------------------------|------------------------|
| 5'-20"                 | EDGE AND MINOR CONTROL |
| 5'-23"                 | PROPOSED MAJOR CONTROL |
| 5'-20"                 | PROPOSED MINOR CONTROL |
| 5'-28"                 | PROPOSED MAJOR CONTROL |
| 5'-28"                 | UNITS OF STRUCTURE     |
|                        | PROPOSED WHITE BLOCK   |
|                        | PROPOSED SWALE         |
| 3.65'                  | S. OFT ARROW           |
|                        | PROPOSED REP RAP       |
|                        | PROPOSED REP SETC      |
|                        | PROPOSED RETAIN WALL   |
|                        | PROPOSED STORM DRAIN   |
|                        | PROPOSED STORM DRAIN   |
|                        | PROPOSED STORM DRAIN   |
| 60'                    | CLASHION               |

DESIGNED JM  
DRAWN JM  
CHECKED JL  
DATE 9-26-2022

**RESPEC**  
11 Jefferson Street Suite 1  
Albuquerque, New Mexico 871  
Water and Natural Resource  
respec.com 505.253.9718



THIS DRAWING IS INCOMPLETE AND NOT TO BE USED FOR CONSTRUCTION UNLESS IT IS STAMPED, SIGNED AND DATED.

9/29/2022

PROFESSIONAL ENGINEER  
26341



Know what's below.  
Call before you dig.

## ALLASO LOUISIANA APARTMENTS


## GRADING



C-101

6 of 8

# LEGEND



-  Rip Rap (3)
-  Retention Basin (1)
-  Silt Fence (2)
-  Existing Retaining Wall (1)
-  Cutback Curb / Sidewalk (17)
-  Pre & Post Construction Water Flow (9)
-  Property Boundary / Limit of Disturbance (2)
-  ERTEC Inlet Protection (12)
-  Stabilized Construction Exit (1)
-  Rip Rap (2)

|   |   |   |
|---|---|---|
| <br><br><b>12/01/2022</b><br>CPESC Stamp | <b>Allaso Olivine</b><br><small>PROJECT TITLE</small>                           |   |
|   | <b>ALBUQUERQUE, NM, BERNALILLO COUNTY</b><br><small>CITY, COUNTY, STATE</small> |   |
|   | <b>12/01/2022</b><br><small>DATE</small>  |  <b>INSPECTIONS PLUS</b> |
|   | <b>B. Henriksen / J. Tolman</b><br><small>DRAWN BY</small>                      |   |



## SCHEDULE/SEQUENCING OF CONSTRUCTION

1. POST PERMITS
2. INSTALL REQUIRED BMPs
  - 2.a. PERIMETER CONTROLS (SILT FENCE)
  - 2.b. STABILIZED CONSTRUCTION ENTRANCE
  - 2.c. CONCRETE WASHOUT AREA
3. EARTHWORK AND GRADING
4. UTILITY INSTALLATION
5. PAVEMENT STRUCTURES
6. PAD STRUCTURES
7. LANDSCAPING/ STABILIZATION
8. PUNCHLIST

Operator(s):

HB Construction

Zach Gruen

Project Manager

3010 Mone Vista Boulevard NE

Albuquerque, NM 87113

505-856-0404

zachg@hbconstruction.com

Owner:

Titan Olivine, LLC

Joshua Rogers

Property Owner Contact

505-998-0163

jrogers@titan-development.com



12/01/2022

CPESC Stamp

Allaso Olivine

PROJECT TITLE

ALBUQUERQUE, NM, BERNALILLO COUNTY  
CITY, COUNTY, STATE

12/01/2022

DATE

B. Henriksen / J. Tolman

DRAWN BY

INSPECTIONS  
PLUS