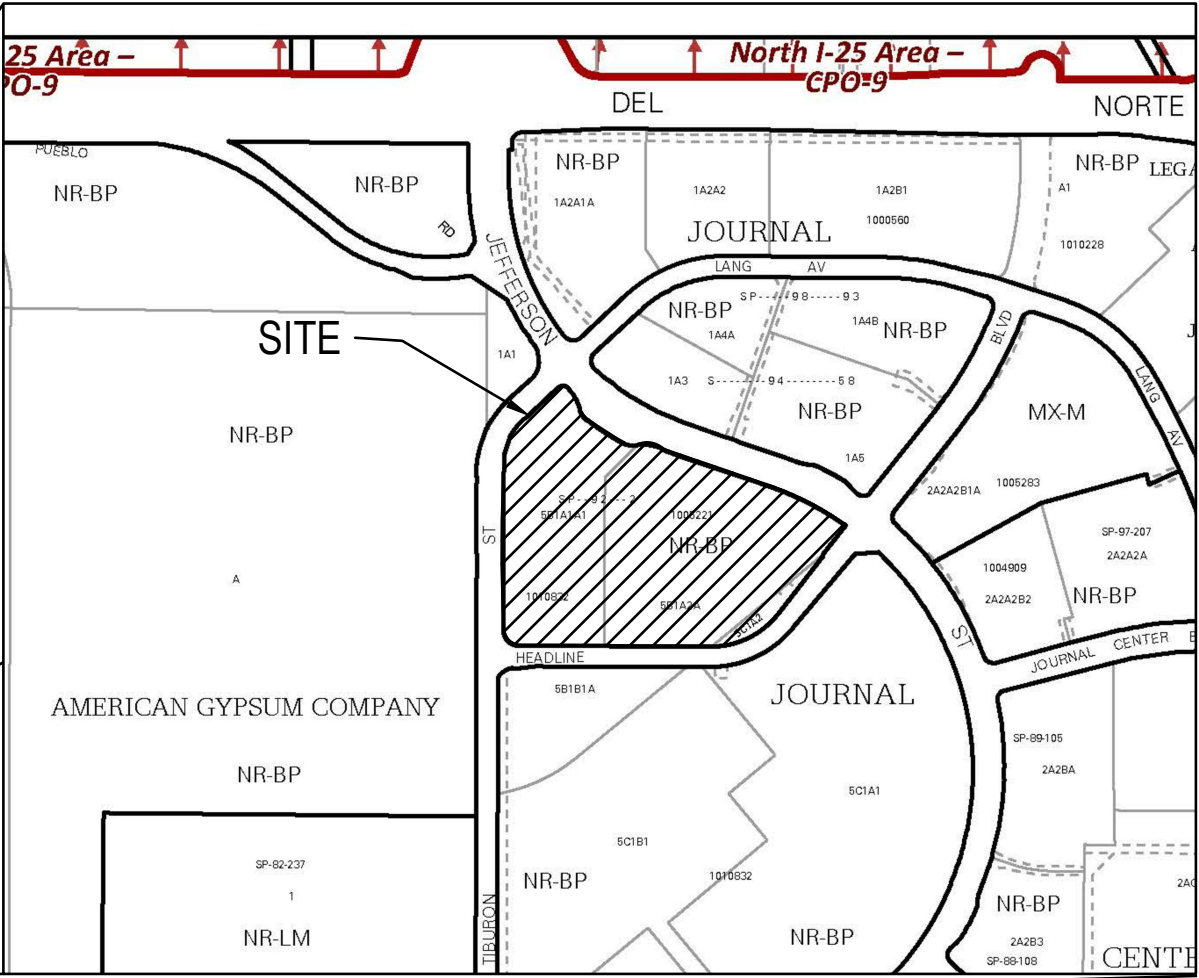
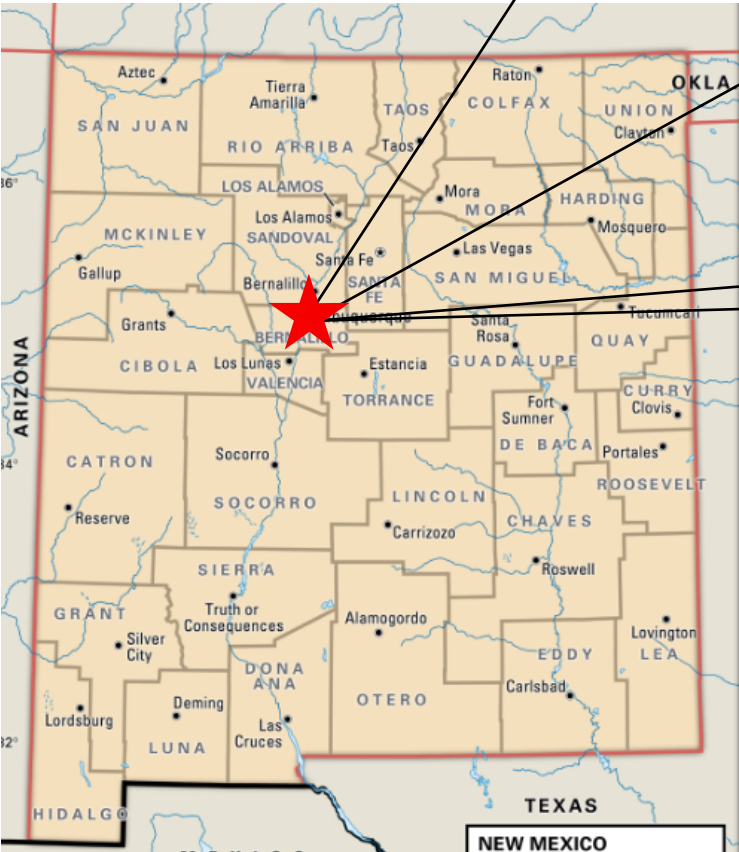


COTTONWOOD CLASSICAL SCHOOL ADDITION



7801 JEFFERSON ST NE
ALBUQUERQUE, NM 87109

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: 35.1705, -106.5921

 01/28/22 CPESC Stamp	COTTONWOOD CLASSICAL SCHOOL PROJECT TITLE	
	ALBUQUERQUE, NM, BERNALILLO COUNTY CITY, COUNTY, STATE	
	01/28/22 DATE	
	C. DURKIN DRAWN BY	

STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR1004DU

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:
COTTONWOOD CLASSICAL FOUNDATION

OPERATOR POINT OF CONTACT:
JOHN BINNERT JOHN.BINNERT@COTTONWOODCLASSICAL.ORG

NOI PREPARED BY:
INSPECTIONS PLUS

PROJECT/SITE NAME:
COTTONWOOD CLASSICAL SCHOOL ADDITION



PROJECT/SITE ADDRESS:
7801 JEFFERSON ST NE ALBUQUERQUE, NM 87109

LATITUDE	35.1705
LONGITUDE	-106.5921
ESTIMATED PROJECT START DATE	02/21/2022
ESTIMATED PROJECT COMPLETION DATE	12/15/2022
ESTIMATED AREA TO BE DISTURBED	2.0
TYPE OF CONSTRUCTION	COMMERCIAL
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?	NO
RECEIVING WATER?	NEW STORMWATER POND
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	NO
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A

SWPPP CONTACT INFORMATION: JOHN BINNERT 505-998-1021
ENDANGERED SPECIES CRITERIA: CRITERION "A"; NO CRITICAL HABITATS
HISTORIC PRESERVATION CRITERIA: CRITERION "A"; PREVIOUS SURVEY/DEVELOPMENT

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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	01/28/22 <small>DATE</small>	
	C. DURKIN <small>DRAWN BY</small>	

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 WITH VIEWBLOCKER FABRICK AND MULCH SOCKS

STAGING AREA

CHEMICAL TOILET

NEW STORMWATER POND

EXISTING BLOCK WALL

FLOW DIRECTION

CONCRETE WASHOUT



POSTING SIGN

SILT FENCE

STABILIZED CONTRUCTION ENTRANCE

OUTFALL

DEBRIS CONTAINMENT

 <p>01/28/22</p> <p>CPESC Stamp</p>	COTTONWOOD CLASSICAL SCHOOL		PROJECT TITLE
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	C. DURKIN	DRAWN BY	

SCHEDULE/SEQUENCING OF CONSTRUCTION

KEYED NOTES:

- | | | | |
|----|--|----|--|
| 1 | PROPOSED BUILDING ADDITION, SEE ARCHITECTURAL DRAWINGS, FF=43.50 ± | 14 | NEW 5' TRANSITION FROM STANDARD CURB AND GUTTER TO MOUNTABLE CURB AND GUTTER. |
| 2 | EXISTING BUILDING TO REMAIN. | 15 | NEW WHEELCHAIR RAMP, SEE ARCHITECTURAL PLANS FOR DETAILS. |
| 3 | APPROXIMATE EXISTING PROPERTY LINE. | 16 | SAW CUT TO A CLEAN STRAIGHT EDGE, REMOVE AND DISPOSE OF EXISTING ASPHALT. |
| 4 | 10' UTILITY EASEMENT. | 17 | REMOVE EXISTING WATER HARVEST AREA, REDIRECT FLOWS TO NEW WATER HARVEST AREA. |
| 5 | NEW HEAVY DUTY ASPHALT PAVING, SEE DETAIL SHEET C-501. | 18 | ADA ACCESSIBLE PATHWAY. |
| 6 | EXISTING PAVING TO REMAIN. | 19 | NEW 10" DIA. STORM DRAIN PIPE, SLOPE @ 2% (MIN). |
| 7 | NEW STANDARD CURB AND GUTTER, SEE DETAIL SHEET C-501. | 20 | NEW DOUBLE CLEANGUT, SEE DETAIL ON SHEET C-502. |
| 8 | NEW MOUNTABLE CURB AND GUTTER, SEE DETAIL SHEET C-501. | 21 | CONNECT ROOF DRAIN TO NEW STORM DRAIN PIPE, SEE ARCHITECTURAL PLANS FOR DETAILS. |
| 9 | NEW SIDEWALK AND CONCRETE FLATWORK, WITH TURN DOWN CONCRETE EDGE AT ALL EXPOSED EDGES SEE ARCHITECTURAL PLANS FOR DETAILS. | 22 | NEW EARTHEN SWALE, SEE DETAILS SHEET C-501. |
| 10 | NEW STANDARD DUTY CONCRETE PAVING WITH TURN DOWN CONCRETE EDGE AT ALL EXPOSED EDGES SEE ARCHITECTURAL PLANS FOR DETAILS. | 23 | NEW CONCRETE ROUNDOWN, SEE DETAIL ON SHEET C-501. |
| 11 | NEW LANDSCAPE AREA, AMEND SOIL FILL PER LANDSCAPE DRAWINGS AND SPECS. SEE LANDSCAPE PLAN. | 24 | NEW WEST WATER HARVEST AREA, SEE DETAIL SHEET C-501. |
| 12 | NEW 2" CURB OUT WITH 24" SIDEWALK CULVERT, SEE DETAIL SHEET C-501 | 25 | NEW 8" STORM DRAIN PIPE @ 1.5% SLOPE (MIN), SEE DETAIL ON SHEET C-502. |
| 13 | NEW PAINTED CROSSWALK, SEE ARCHITECTURAL PLANS FOR DETAILS. | 26 | NEW 5'x5' RIP RAP PAD, SEE DETAIL ON SHEET C-501. |

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

SITE OPERATORS:

COTTONWOOD CLASSICAL FOUNDATION: JOHN BINNERT 505-998-1021

T.A. COLE AND SONS: SKIP COLE 505-898-8698

STORMWATER TEAM

A: REMOVE SEDIMENT FROM ADJACENT STREETS: INSPECTIONS PLUS

B: BMP MAINTENANCE: INSPECTIONS PLUS

C. SITE INSPECTIONS: INSPECTIONS PLUS

HYDROLOGY CALCULATIONS

Precipitation Zone 2 - 100-year Storm		P(360) = 2.33 in				P(1440) = 2.75 in			
Basin	Basin Area (Ac)	Land Treatment Factors				Ew (in)	V(100-B) (af)	V(100-24) (af)	Q(100) (cfs)
		A	B	C	D				
Existing Conditions									
Site	12.310	0.000	0.000	5.960	6.350	1.641	1.683	1.89	48.56
Total	12.310							1.89	48.56
Proposed Conditions									
Site	12.310	0.000	0.000	4.720	7.590	1.74	1.785	2.04	50.49
Total	12.310							2.04	50.49

RETENTION POND RATING CURVE

WEST WATER HARVEST AREA					
Pond Rating Table					
Side Slope	3:1				
Elev.	Area		Volume	Cum Volume	
(ft)	(sq ft)	(ac)	(ac-ft)	(ac-ft)	Cum Volume (CF)
5134	2139	0.049	0	0	
5135	2982	0.068	0.059	0.059	
5136	4045	0.093	0.081	0.139	
5137	5085	0.117	0.105	0.244	10639

FIRST FLUSH CALCULATIONS

$$VFF = (54,014 \text{ SF} \cdot 0.42''/12)$$

$$V_{FF} = 1890 \text{ CF}$$



01/28/22

CPESC Stamp

COTTONWOOD CLASSICAL SCHOOL

PROJECT TITLE

ALBUQUERQUE, NM, BERNALILLO COUNTY

CITY, COUNTY, STATE

01/28/22

DATE _____

C. DURKIN

DRAWN BY

