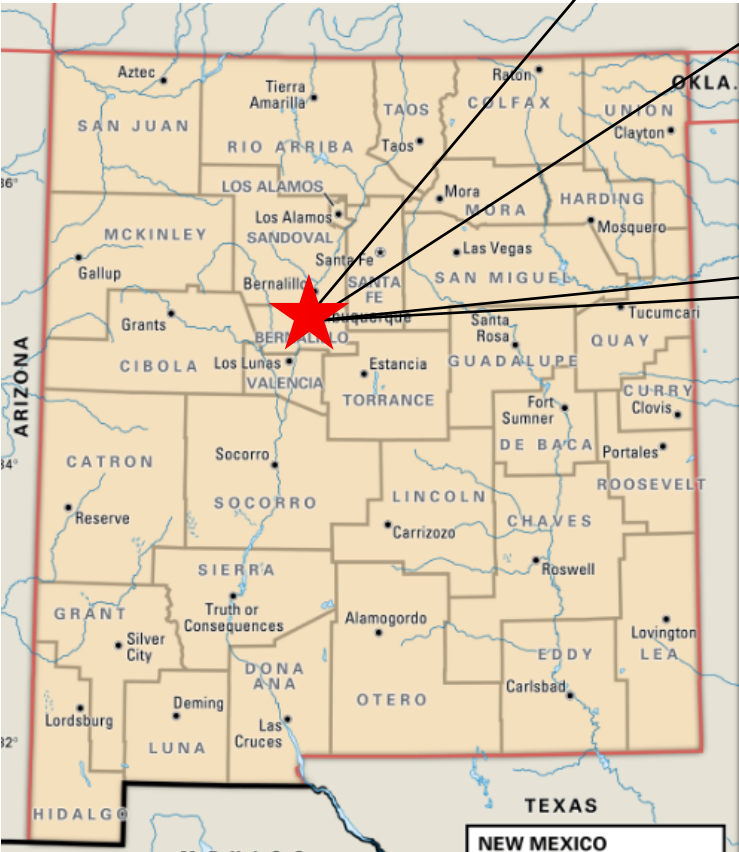


EXPLORE ACADEMY GYM ADDITION AND RENOVATION



6600 GULTON CT 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: 35.1528, -106.6003

 04/29/2022 CPESC Stamp	EXPLORE ACADEMY GYM <small>PROJECT TITLE</small>	
	ALBUQUERQUE, NM, BERNALILLO COUNTY <small>CITY, COUNTY, STATE</small>	
	04/29/2022 <small>DATE</small>	
	C. DURKIN <small>DRAWN BY</small>	

STORMWATER POLLUTION PREVENTION PLAN INFORMATION

PERMIT NUMBER: NMR1004RH

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: Explore Academy Foundation

OPERATOR POINT OF CONTACT: Justin Baiardo 505-306-5283 baiardo@explore.academy

NOI PREPARED BY: INSPECTIONS PLUS

PROJECT/SITE NAME: EXPLORE ACADEMY GYM ADDITION AND RENOVATION

PROJECT/SITE ADDRESS: 6600 GULTON CT NE

LATITUDE	35.1528
LONGITUDE	-106.6003
ESTIMATED PROJECT START DATE	05/26/2022
ESTIMATED PROJECT COMPLETION DATE	06/30/2023
ESTIMATED AREA TO BE DISTURBED	5.0
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
SURFACE WATERS WITHIN 50FT?	NO
RECEIVING WATER?	ONSITE POND
IS RECEIVING WATER IMPAIRED? TIER DESIGNATION	NO
WHAT ARE THE IMPAIRMENTS, IF ANY?	N/A



SWPPP CONTACT INFORMATION: HENRY BAILON 505-319-7999 HENRY@AIC-GC.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 2022 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



MULCH SOCK/STRAW WATTLE



BMP Objectives

- Sediment Control
- Reduce Runoff Velocity
- Inlet Protection

BERMS AND SWALES



BMP Objectives

- Runoff Control
- Run-on Diversion

BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control
- Wind Erosion Control

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

 **TEMPORARY SEDIMENT POND**



04/29/2022

CPESC Stamp

EXPLORE ACADEMY GYM

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CITY, COUNTY, STATE

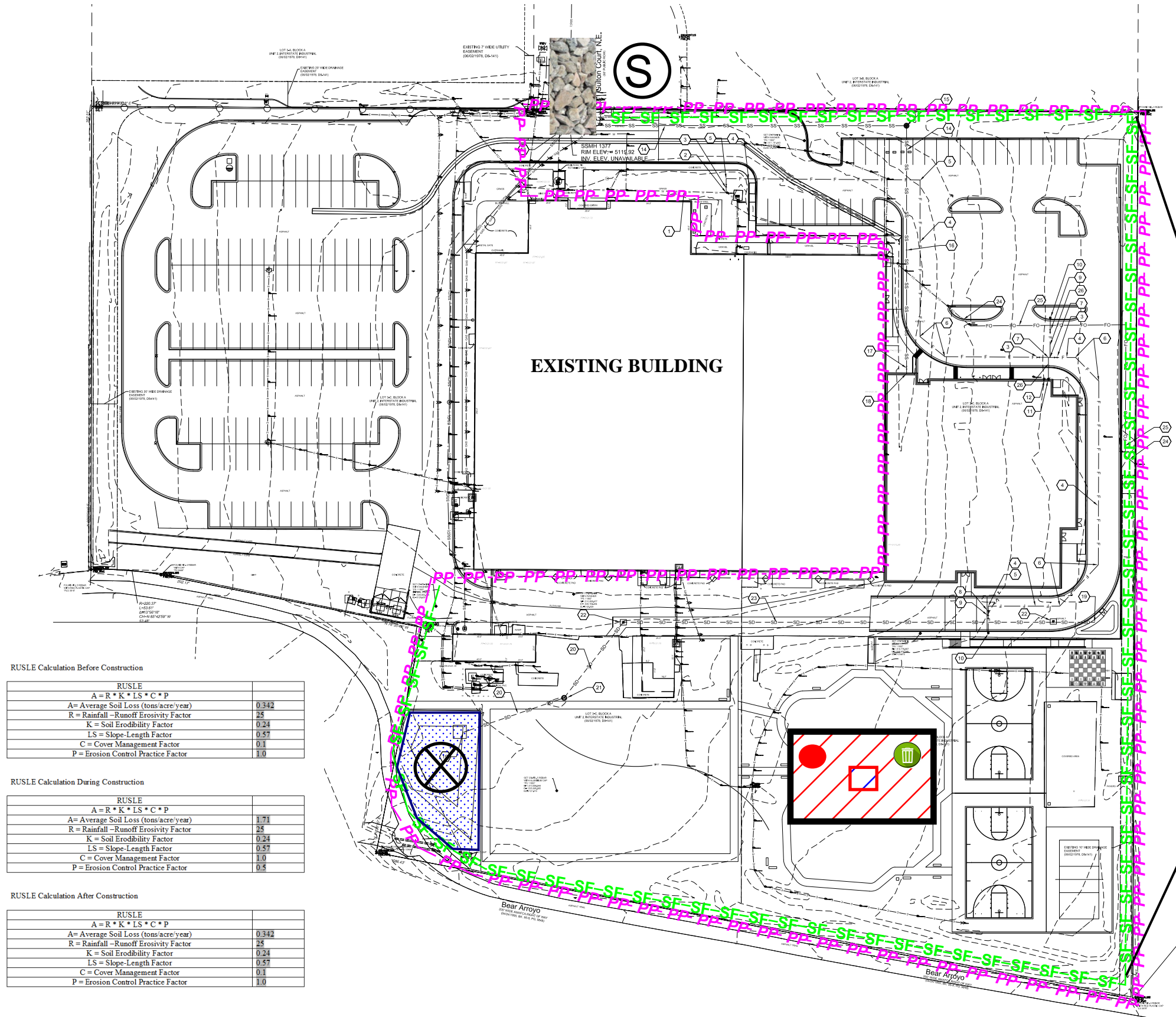
04/29/2022

DATE _____

C. DURKIN

DRAWN BY





RUSLE Calculation Before 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	0.1
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)	1.71
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.24
LS = Slope-Length Factor	0.57
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)	0.342
R = Rainfall -Runoff Erosivity Factor	25
K = Soil Erodibility Factor	0.24
LS = Slope-Length Factor	0.57
C = Cover Management Factor	0.1
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:

EXPLORE ACADEMY FOUNDATION
JUSTIN BAIRARDO 505-306-5283

AIC GENERAL CONTRACTOR
HENRY BAILON 505-319-7999

STORMWATER TEAM

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

SILT FENCE



BMP Objectives

- Sediment Control
- Sheet Flow Runoff Control
- Wind Erosion Control



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