



## Stormwater Quality Plan Information Sheet and Inspection Fee Schedule

**Project Name:** \_\_\_\_\_

**Project Location:** (address or major cross streets/arroyo) \_\_\_\_\_

**Plan Preparer Information:**

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone Number: (O) \_\_\_\_\_ (Cell (optional)) \_\_\_\_\_

e-Mail: \_\_\_\_\_

**Property Owner Information:**

Company: \_\_\_\_\_

Contact: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

e-Mail: \_\_\_\_\_

**I am submitting the ESC Plan (SWPPP map) and NOI to obtain approval for:**

\_\_\_ Grading \_\_\_ Building Permit \_\_\_ Work Order Construction Plans

Note: More than one item can be checked for a submittal

\_\_\_ **I am submitting the SWPPP map and NOT to obtain a Stabilization Determination**

**Stormwater Quality Inspection fee:** (based on development type and disturbed area)

Commercial BP	< 2 acres \$300 <input type="checkbox"/>	2 to 5 acres \$500 <input type="checkbox"/>	>5 acres \$800 <input type="checkbox"/>
Work Order (WO)	< 5 acres \$300 <input type="checkbox"/>	5 to 40 acres \$500 <input type="checkbox"/>	>40 acres \$800 <input type="checkbox"/>
Multi – family BP	< 5 acres \$500 <input type="checkbox"/>	>5 acres \$800 <input type="checkbox"/>	
Single Family Residential BP	<5 acres \$500 <input type="checkbox"/>	5 to 40 acres \$1000 <input type="checkbox"/>	> 40 acres \$1500 <input type="checkbox"/>

Plan Review fee is \$105 for the first submittal ☐ and \$75.00 for a resubmittal ☐

Total due equals the plan review fee plus the Stormwater Quality Inspection fee.

**Total Due \$** \_\_\_\_\_

If you have questions, please contact Doug Hughes, Stormwater Quality 924-3420, [jhughes@cabq.gov](mailto:jhughes@cabq.gov)

Rev June 2023



# TIERRA WEST, LLC

November 15, 2023

Mr. James D. Hughes  
Planning Department- Development and Review Services  
600 2<sup>nd</sup> St. NW  
Albuquerque, NM. 87102

**RE: Golf Course and Westside (Commercial Subdivision) - 10850 Golf Course Rd NW  
Erosion and Sediment Control Plan**

Dear Mr. Hughes:

Per the correspondence dated November 8, 2023, please find the following responses addressing the comments listed below:

1. The ESC Plan can't be approved until the property owner's NOI has been reviewed and approved by City Stormwater Quality per Albuquerque Code 14-5-2-11(a).  
**Response: NOI is attached for review.**
2. Provide calculations for the Sediment Trap designs showing compliance with CGP 2.2.12.c, which required storage for either:
  - a. The calculated volume of runoff from a 2-year, 24-hour storm; or
  - b. 3,600 cubic feet per acre drained.**Response: Calculations for the 2-year, 24-hour storm are shown on sheet SWP-2 and the limits of disturbance were updated to reflect grading plan.**
3. Identify the outlet structures that will be installed at the sediment basins per item #5 of the Construction Sequence and provide construction details that show how the structures will withdraw water from the surface of the sediment basin or similar impoundment per CGP 2.2.12.d.  
**Response: Outlet structures were identified on sheet SWP-1 and the detail is provided on sheet SWP-4 and is also detailed on the grading plan.**
4. Provide details, including specifications for construction, inspection, and maintenance of the erosion controls and velocity dissipation devices to prevent erosion at inlets and outlets of the sediment traps per CGP 2.2.12.e and CGP 9.6.1.c.i.  
**Response: Details are specified on sheet SWP-2, ESC notes sections.**

If you have any questions or need additional information regarding this matter, please do not hesitate to contact me.

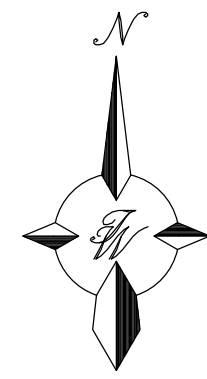
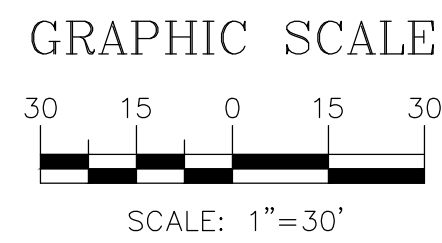
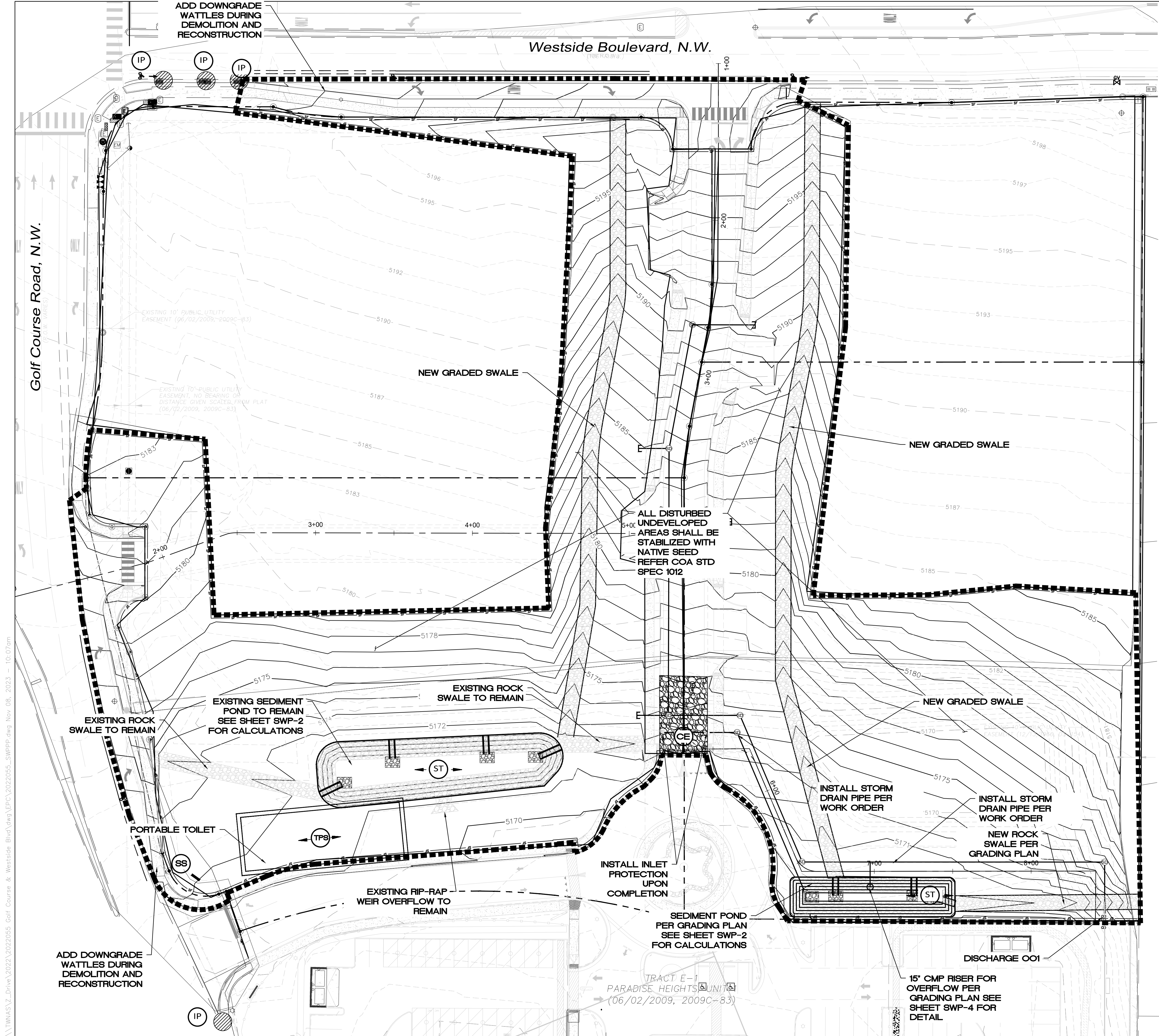
Sincerely,

Ronald R. Bohannon, P.E

JN: 2022055  
RRB/lm/ca

5571 Midway Park Pl. NE  
Albuquerque, NM 87109  
(505) 858-3100 fax (505) 858-1118 1-800-245-3102  
tierrawestllc.com





PROPOSED	
	BOUNDARY LINE
	LIMITS OF DISTURBANCE
	CONTOUR ELEVATIONS
	EXISTING CONTOURS
	PROPOSED CONTOURS

EROSION DETAILS	
	CE TEMPORARY STONE CONSTRUCTION EXIT
	SF TEMPORARY SILT FENCE
	ST SEDIMENT TRAP
	IP INLET PROTECTION
	SS SWPPP SIGN
EROSION NOTES	
	TPS TEMPORARY PARKING AND STORAGE

**OPERATOR:**

OPERATOR 1 NAME: DENNIS & GEORGE LLC  
PHONE: 505-269-1812  
EMAIL: denniscarpenter1@aol.com

OPERATOR 2 NAME: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_

OPERATOR 3 NAME: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_

**STORMWATER TEAM MEMBERS:**

SEDIMENT REMOVAL NAME: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_

BMP MAINTENANCE NAME: \_\_\_\_\_  
PHONE: TBD  
EMAIL: TBD

INSPECTIONS NAME: \_\_\_\_\_  
PHONE: \_\_\_\_\_  
EMAIL: \_\_\_\_\_

**NATURE AND EXTENT OF CONSTRUCTION ACTIVITIES:**

NATURE OF CONSTRUCTION ACTIVITIES: ROUGH/FINE GRADING OF THE SITE, INSTALLATION OF UTILITIES (WATER, SANITARY, & STORM), PAVING OF ONSITE PRIVATE ROAD, CURB, AND SIDEWALKS, AND CONSTRUCTION OF PONDS.

PROPERTY SIZE: 7.67 ACRES

DISTURBED AREA SIZE: 4.67 ACRES

DESCRIPTION OF CONSTRUCTION SUPPORT ACTIVITIES: EQUIPMENT STAGING YARD, MATERIALS STORAGE AREA, EXCAVATED MATERIALS DISPOSAL/STORAGE AREAS.

MAXIMUM DISTURBED AREA SIZE: 4.67 ACRES

**SEQUENCE OF CONSTRUCTION**

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. POST PUBLIC NOTICE PER DETAIL
3. INSTALL DOWN GRADIENT PERIMETER CONTROLS.
4. INSTALL SEDIMENT CONTROLS AT INLETS AND DRAINAGE STRUCTURES.
5. INSTALL SEDIMENT TRAP BASINS INCLUDING EMERGENCY OVERFLOW.
6. NOTIFY SWPPP COMPLIANCE INSPECTOR OF COMPLETION OF THE ABOVE.
7. BEGIN GRUBBING AND SOIL DISTURBING ACTIVITIES.
8. PROVIDE POSITIVE GRADES TOWARDS SEDIMENT PONDS DURING SITE GRADING.
9. INSTALL INTERMEDIATE CONTROLS OF STEEP SLOPES.
10. PROVIDE TEMPORARY STABILIZATION OF DISTURBED AREAS OR STOCKPILES.
11. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
12. FINISH GRADING THE SITE.
13. COMPLETE SITE FINAL STABILIZATION

**GROUND COVER (PRE-CONSTRUCTION):**

THE UNDISTURBED AND PRE-CONSTRUCTION GROUND COVER CONSISTS OF UNCOMPACTED SOIL WITH NATIVE GRASSES, WEEDS, AND SHRUBS WITH MINIMAL DISTURBANCES TO GRADING.

	GOLF COURSE + WESTSIDE ALBUQUERQUE, NM	DRAWN BY RG
	ESC PLAN	DATE 11/03/2023
	TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrowestllc.com	2022055_SWPPP
		SHEET # SWP-1
		JOB # 2022055

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\\TNAS\Z\_Drive\2022\055\_Golf Course & Westside Blvd\dwg\EPIC\2022\055\_SWPPP.dwg Nov 08, 2023 -- 10:07am

ESC PLAN STANDARD NOTES:

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 ¼ 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 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.

GENERAL EROSION NOTES:

- A. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE SWPPP BOOK, THE 2017 GENERAL CONSTRUCTION PERMIT, THIS DRAWING ("TEMPORARY EROSION CONTROL AND SEDIMENTATION PLAN"), STANDARD DETAILS ("TEMPORARY EROSION CONTROL AND SEDIMENTATION DETAILS"), EPA NOTICE OF INTENT PERMIT AND ALL SUBSEQUENT REPORTS, CORRECTIVE ACTIONS AND EROSION CONTROL RELATED DOCUMENTS.
- B. ALL OPERATORS AS DESIGNATED, CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH SITE ACTIVITIES RELATED TO STORM WATER POLLUTION PREVENTION SHALL REVIEW A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE 2017 CONSTRUCTION GENERAL PERMIT, THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), THE CLEAN WATER ACT OF 1972 AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. THE OPERATOR IN CONTROL OF DAILY SITE ACTIVITIES SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS THAT MAY OCCUR AT NO ADDITIONAL COST TO PROJECT OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- D. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO ALL FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. OPERATOR WITH CONTROL OF DAILY SITE ACTIVITIES SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY, LOCAL JURISDICTIONAL AUTHORITY OR SWPPP COMPLIANCE INSPECTOR.
- E. THE TEMPORARY EROSION CONTROL AND SEDIMENTATION PLAN IS A WORKING DOCUMENT AND IS REQUIRED TO BE UPDATED WITHIN 24 HOURS OF ANY CHANGES WHEN BMP'S ARE REPAIRED, RELOCATED OR REMOVED BY NOTING ON THE PLAN THE AREAS AND DATES OF THE REPAIRS, RELOCATIONS OR REMOVALS. AN ACTIVE COPY OF THE PLAN SHALL BE POSTED IN THE JOB SITE TRAILER ONSITE AND MUST BE MAINTAINED CURRENT AT ALL TIMES.
- F. CONTRACTOR SHALL MINIMIZE CLEARING AND EARTH DISTURBANCE TO THE MAXIMUM ACREAGE AS REQUIRED BY THE EPA CONSTRUCTION GENERAL PERMIT.
- G. CONTRACTOR SHALL DENOTE ON THIS PLAN, THE LOCATION OF TEMPORARY PARKING, STORAGE, PORTABLE SANITARY FACILITIES, OFFICE TRAILERS, AND ALL SUPPORT AREAS. RELOCATIONS OF EACH SHALL ALSO BE DOCUMENTED AS THEY OCCUR.
- H. ALL WASH OUT WATER USED FOR CONCRETE, MASONRY, PAINT AND OTHER MATERIALS SHALL HAVE ADEQUATE SIGNAGE WITH PROPER CONTAINMENT AND DISPOSED OF PROPERLY WHEN CAPACITY REACHES 50% OR PER VENDOR RECOMMENDATIONS. VENDORS AND TRADESMEN SHALL BE INFORMED OF THE REQUIREMENTS TO USE THE WASH OUT.
- I. A SPILL KIT SHALL BE READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS. A DISCHARGE OF ANY MATERIAL IN A QUANTITY THAT MAY WITHIN REASONABLE PROBABILITY CAUSE, INJURE OR BE DETRIMENTAL TO HUMAN HEALTH, ANIMAL OR PLANT LIFE, OR PROPERTY, OR INTERFERE WITH THE PUBLIC WELFARE MUST BE REPORTED TO THE NEW MEXICO ENVIRONMENTAL DEPARTMENT HOTLINE AT (505) 827-9329 FOR EMERGENCIES OR FOR NON EMERGENCIES AT (866)-428-6535.
- J. IF UNSURE IF THE SPILL IS OF A SIGNIFICANT QUANTITY, THE SPILL SHOULD BE REPORTED TO THE HOTLINE AND INFORMATION PROVIDED WITH DETAILS OF THE SPILL FOR FURTHER ACTIONS.
- K. DUST DURING CONSTRUCTION OPERATIONS SHALL BE FREQUENTLY CONTROLLED BY WATER SUPPRESSION METHODS ONLY. EARTH DISTURBING OPERATIONS SHALL CEASE IF HIGH WINDS ABOVE 35 MPH ARE PRESENT. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS IS STRICTLY PROHIBITED. OTHER CHEMICALS USED FOR DUST SUPPRESSION MUST BE APPROVED BY THE EPA PRIOR TO THEIR USE.
- L. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED, COVERED, LEAK PROOF CONTAINERS. CONTAINERS SHALL BE DISPOSED OF PROPERLY WHEN CAPACITY IS REACHED. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER.
- M. ALL STORM WATER POLLUTION PREVENTION MEASURES AND CONTROLS PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED PER THE SEQUENCE OF CONSTRUCTION AS NOTED.
- N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS BEEN TEMPORARILY SUSPENDED FOR 14 DAYS, SHALL HAVE TEMPORARILY STABILIZATION IN PLACE NO LATER THAN 14 DAYS FROM THE LAST DATE OF CONSTRUCTION ACTIVITY OCCURRING THESE AREAS.
- O. TEMPORARY COVER AND FINAL STABILIZATION (PART 2.2.12 (a) AND (b) RESPECTIVELY ARE TO BE PER COA STD SPEC 1012 NATIVE SEED WITH HYDROMULCH AND AGGREGATE MULCH (2-4") RESPECTIVELY.
- P. IF THE ACTION OF VEHICLES OR EQUIPMENTS TRAVELING OVER THE CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD FROM LEAVING THE SITE, THEN THE LENGTH OF THE EXIT SHOULD BE EXTENDED TO PROVIDE ADDITIONAL TIRE ROTATIONS, LARGER ROCK MAY BE USED TO CREATE A SUFFICIENT JARRING MOTION OR INSTALL A TIRE WASH OFF WITH A SEDIMENT TRAP BEFORE LEAVING THE SITE.
- Q. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- R. THE OPERATOR IN CHARGE OF THE DAILY SITES ACTIVITIES WILL BE RESPONSIBLE FOR REMOVING SEDIMENT OR SOILS ACCUMULATING MORE THAN 50% OF THE DESIGN CAPACITY IN DETENTION PONDS, SILT FENCING OR OTHER SIMILAR EROSION CONTROLS.
- S. ON-SITE & OFFSITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES, AS REQUIRED PER THE CONSTRUCTION GENERAL PERMIT. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE ESC PLAN AND PERMITTED IN ACCORDANCE WITH LOCAL AUTHORITIES HAVING JURISDICTIONAL CONTROL.
- T. SLOPES SHALL BE LEFT WITH CROSS SLOPE GRADING PATTERN AND IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION RILLS. EXCESSIVE SLOPES MAY REQUIRE ADDITIONAL INDUSTRY STANDARD CONTROLS TO PREVENT EROSION.
- U. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE OPERATOR IN CONTROL OF THE SITE'S DAILY ACTIVITIES SHALL BE RESPONSIBLE FOR ADJUSTING AND MAINTAINING ALL EROSION CONTROL TO PREVENT EROSION.
- V. ALL DISTURBED AREAS SHALL BE SUPPRESSED BY WATER AND ALL CONTROLS LEFT IN GOOD WORKING CONDITION AT THE END OF EACH WORKING DAY, THIS INCLUDES REPLACEMENT OF SILT FENCING AND/OR OTHER SURFACE CONTROLS, TRACK OUT SWEEP CLEAN, BACKFILL OF OPEN TRENCHES AND ANY OTHER EROSION CONTROLS.

SEDIMENT TRAP CALCULATIONS

Construction Conditions																		
Basin Descriptions													2-Year, 24-Hour (DPM Ch 6)			Sediment Trap		
Basin ID	Tract	Area (sf)	Area (acres)	Area (sq miles)	Treatment A		Treatment B		Treatment C		Treatment D		Weighted E (in)	Volume (ac-ft)	Flow cfs	Volume Required (cf)	Pond Volume Provided (cf)	
					%	(acres)	%	(acres)	%	(acres)	%	(acres)						
D1	D-1	170,335	3.91	0.00611	50%	1.955	0%	0.000	43%	1.681	7%	0.274	0.120	0.045	1.27	1,946.07	15,200.00	
D1	D-1	143,557	3.30	0.00515	40%	1.318	0%	0.000	52%	1.714	8%	0.264	0.141	0.044	1.27	1,918.87	7,398.00	
Total		313,892	7.21	0.01126		3.273		0.000		3.395		0.537		0.089	2.536	3864.95	22598.00	

BMP MAINTENANCE

ALL MEASURES STATED IN THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR UNTIL FINAL STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT THE END OF THE WORKDAY BY A QUALIFIED MEMBER OF THE SWPPP COMPLIANCE TEAM. THE OPERATOR WITH CONTROL OF THE SITES DAILY ACTIVITIES IS RESPONSIBLE TO MAINTAIN, CLEAN AND REPAIR EROSION CONTROLS IN ACCORDANCE WITH THE FOLLOWING:



1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED, IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION. SEDIMENT SHALL BE REMOVED TO INSURE PROPER FLOWS. INLET PROTECTION TYPES MAY NEED TO BE MODIFIED DURING THE CONSTRUCTION PROGRESS.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND OF VEGETATION IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
3. SILT FENCES, WADDLES OR OTHER CONTROLS SHALL BE REPLACED OR REPAIRED TO PROPER FUNCTIONING CONDITION, IF DAMAGED. SEDIMENT AND SOIL SHALL BE REMOVED WHEN REACHES ONE-HALF THE HEIGHT OF THE CONTROL.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING, EXTENDING OR OTHER MODIFICATIONS TO THE CONSTRUCTION EXITS AS CONDITIONS DEMAND. SITE TRAFFIC SHOULD BE LIMITED TO THE CONTROLLED EXITS ONLY.
5. SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
6. REFERENCE THE SWPPP BOOK FOR ALL EROSION CONTROL MAINTENANCE PROCEDURES AND FREQUENCIES. CONSULT THE SWPPP PREPARER WITH ANY QUESTIONS REGARDING THIS SWPPP AND ITS REQUIREMENTS.

EROSION CONTROL NOTES:

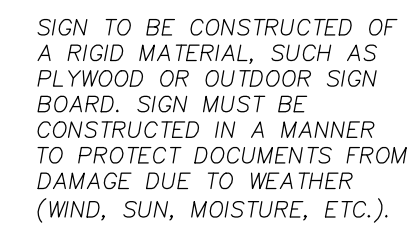
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT FROM THE LOCAL JURISDICTIONAL AUTHORITY PRIOR TO BEGINNING WORK.
2. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS RESPONSIBLE FOR MAINTAINING RUN-OFF and RUN ON OF SITE DURING CONSTRUCTION.
3. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL EXPOSED EARTH SURFACES MUST HAVE APPROPRIATE CONTROLS TO PROTECT FROM WIND AND WATER EROSION DURING ALL PHASES OF THE PROJECT.
5. STOCKPILES INACTIVE FOR 14 DAYS ARE REQUIRED TO HAVE TEMPORARY STABILIZATION OR APPROPRIATE COVER TO CONTROL WIND AND WATER EROSION.
6. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS REQUIRED TO MAINTAIN ALL SITE BMP'S IN GOOD CONDITION FOR THE DURATION OF THE PROJECT UNTIL A NOTICE OF TERMINATION IS ACCEPTED BY THE EPA.
7. IF SITE EARTH DISTURBANCES EXCEED 5 ACRES AT ANY ONE TIME, TEMPORARY AND/OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN 7 DAYS WHEN AREA BECOMES INACTIVE OR EARTH DISTURBING ACTIVITIES ARE COMPLETE. SITE EARTH DISTURBANCES OF LESS THAN 5 ACRES, HAVE 14 DAYS TO PROVIDE TEMPORARY OR PERMANENT STABILIZATION WHEN AREA BECOMES INACTIVE OR EARTH DISTURBING ACTIVITIES ARE COMPLETE.

GENERAL NOTES:

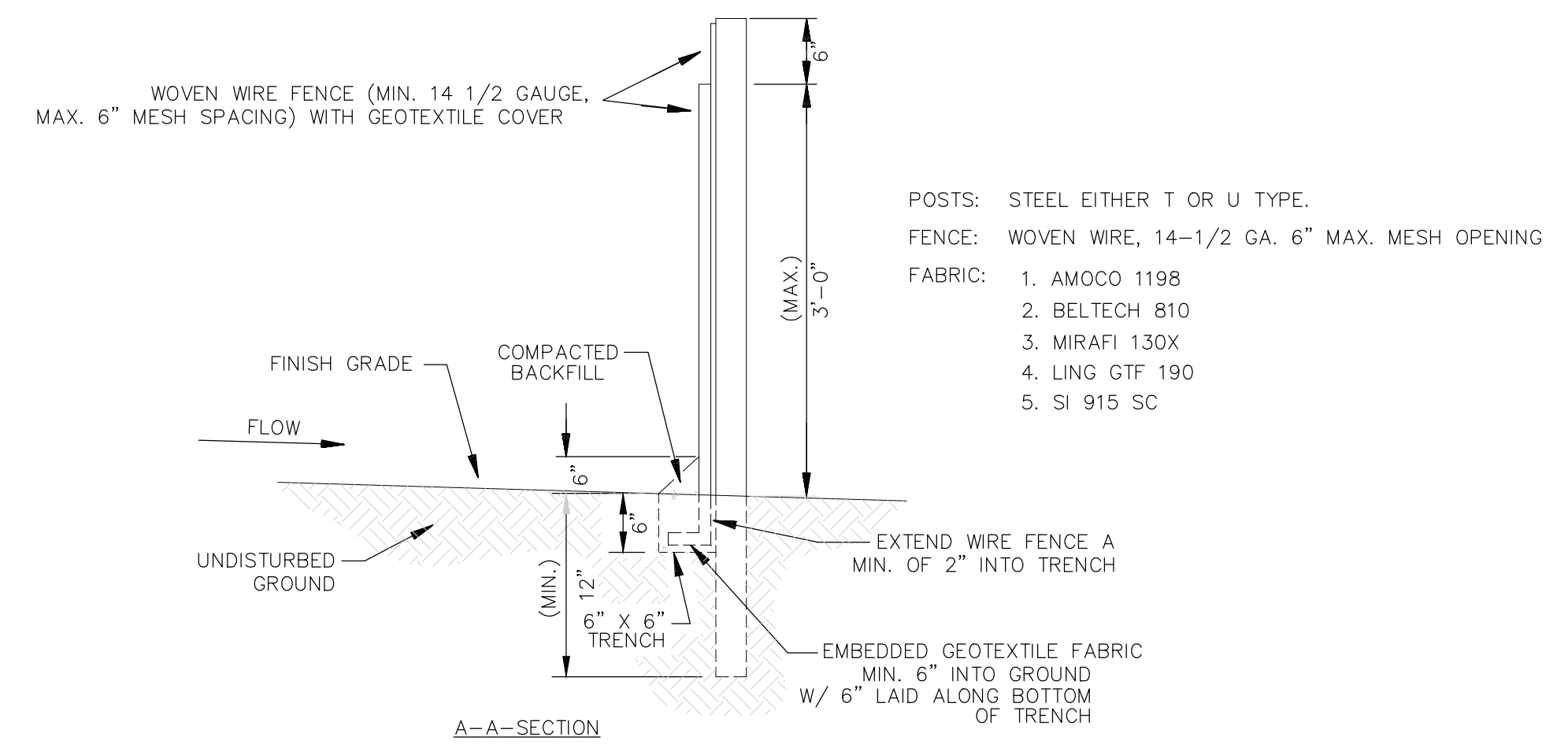
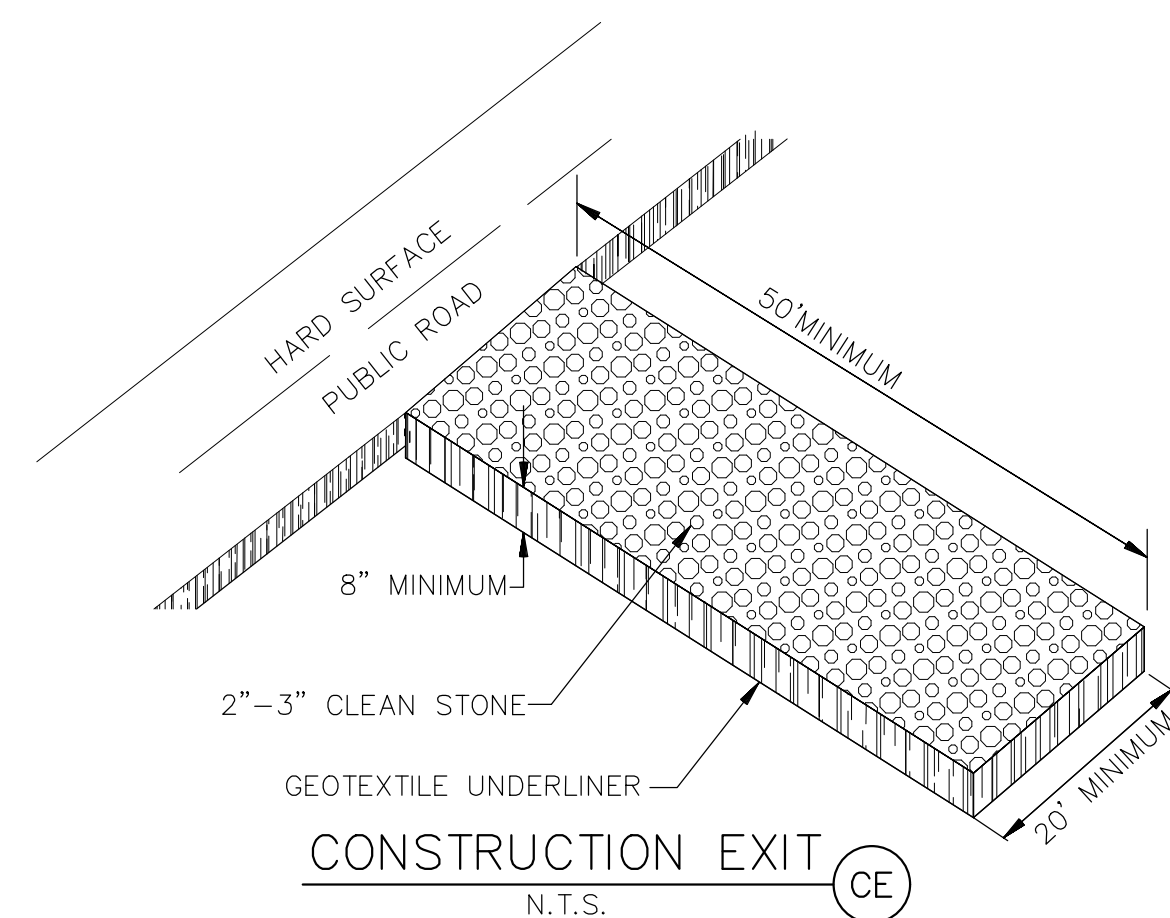
1. PROVIDE POSITIVE DRAINAGE TOWARDS SEDIMENT TRAPS DURING GRADING OPERATIONS.
2. INSTALL WATTLES ALONG LINEAR CONSTRUCTION OF SD
3. PROVIDE POSITIVE DRAINAGE TO TEMPORARY SEDIMENT BASIN DURING ALL GRADING ACTIVITIES
4. OFFSITE GRADING AND ROADWAY IMPROVEMENTS ARE TO BE COMPLETED BY OTHERS. COORDINATION OF OFFSITE BMP'S WITH PROPOSED ONSITE BMP'S SHALL BE REQUIRED BY THE CONTRACTOR(S)

<div>ENGINEER'S SEAL</div> <div></div> <div>11/08/2023</div> <div>VINCENT P. CARRICA P.E. #16212</div>	GOLF COURSE + WESTSIDE ALBUQUERQUE, NM	DRAWN BY RG
	ESC NOTES	DATE 11/03/2023
	<div>TERRA WEST, LLC</div> 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrawestllc.com	2022055_SWPPP
		SHEET # <b>SWP-2</b>
		JOB # 2022055





- 1) THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE CONSTRUCTION EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE AND VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
- 2) ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
- 3) CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL RELATED PERMITS ON THE SIGN AS REQUIRED BY THE GOVERNING AGENCY.
- 4) SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
- 5) CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

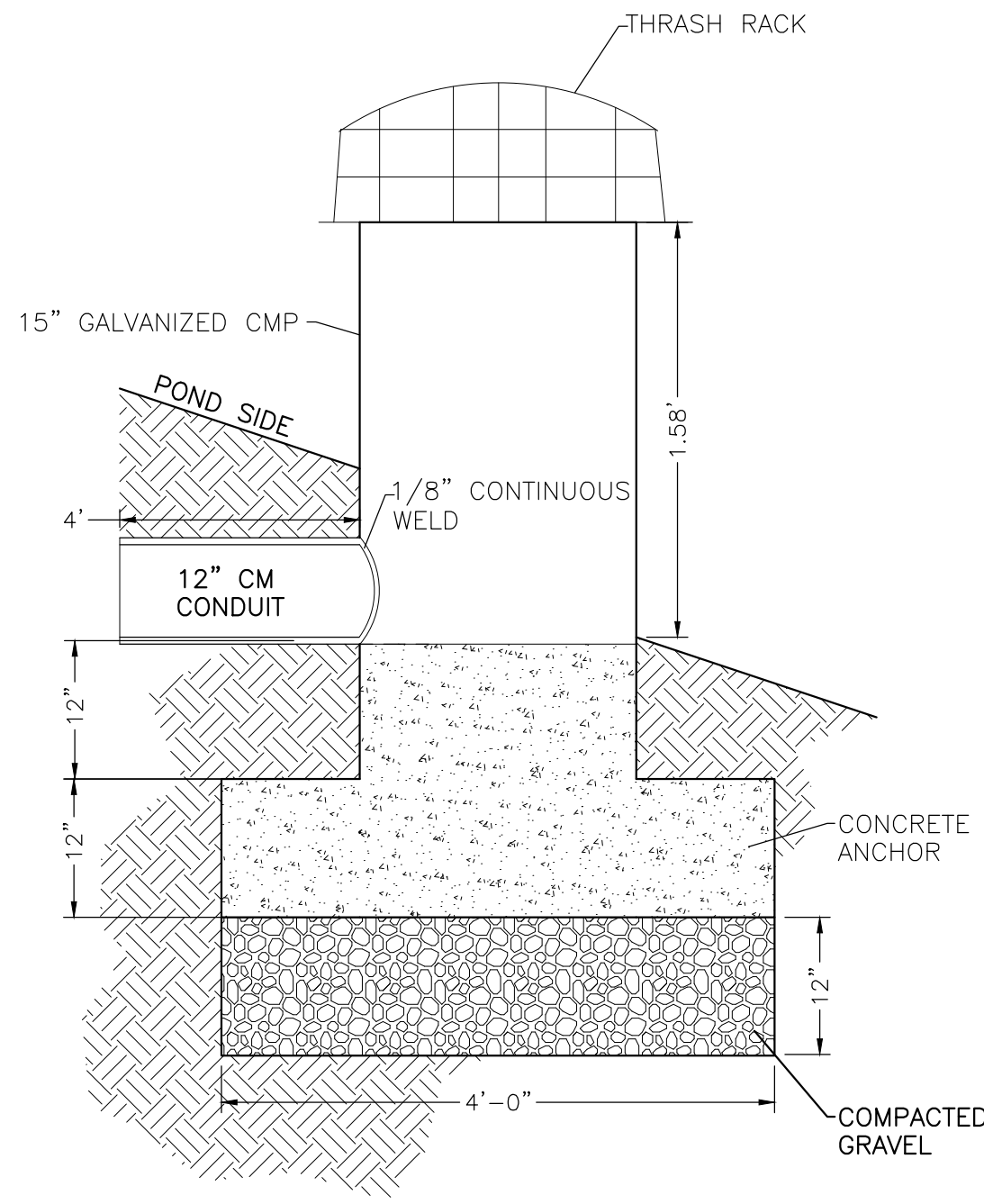


1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES.
2. GEOTEXTILE TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION.
3. WHEN TWO SECTIONS OF GEOTEXTILE ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
4. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE EROSION CONTROL PLAN. COLLECTED MATERIAL SHALL BE REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
5. ALL SILT FENCE SHALL INCLUDE WIRE SUPPORT UNLESS INDICATED OTHERWISE

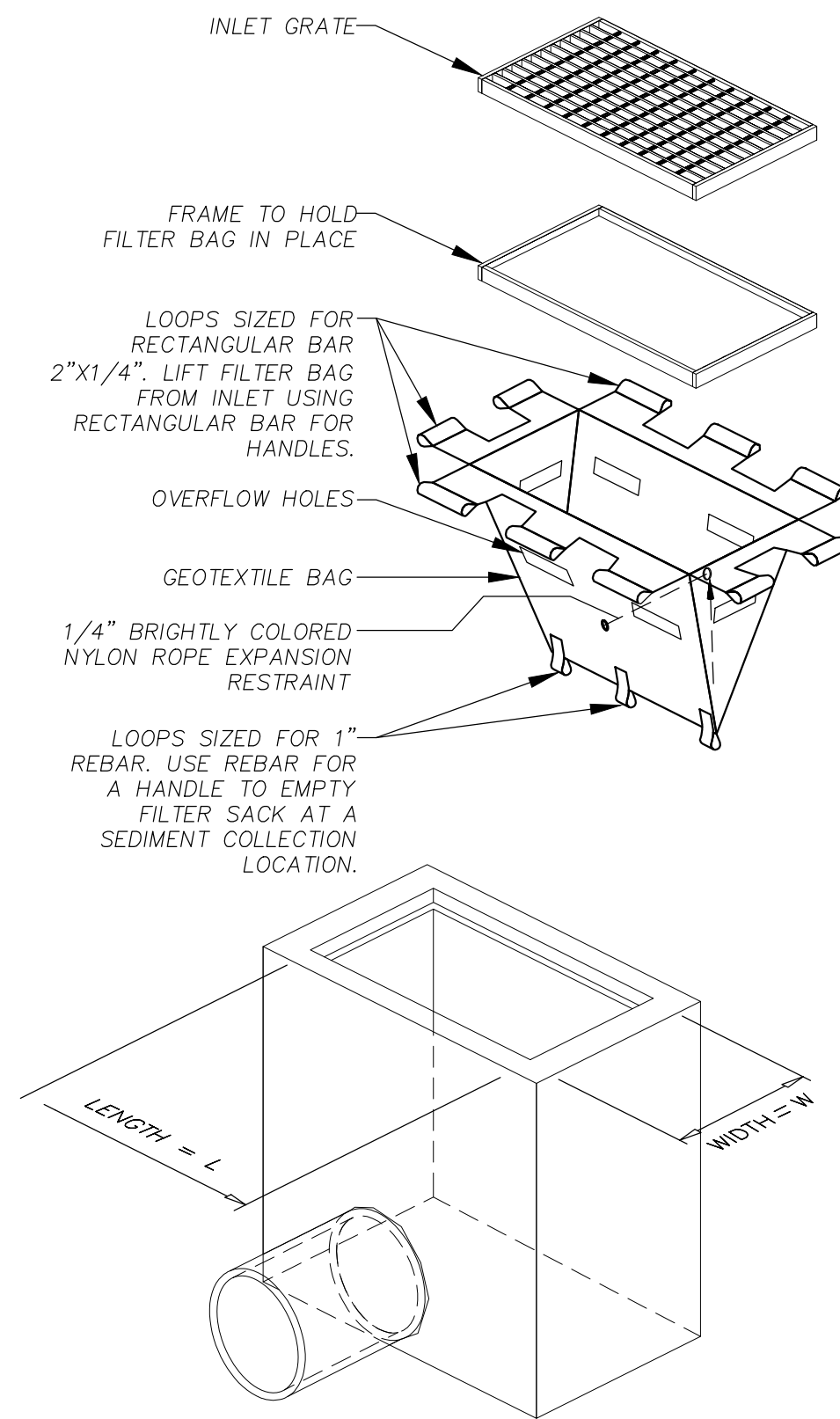
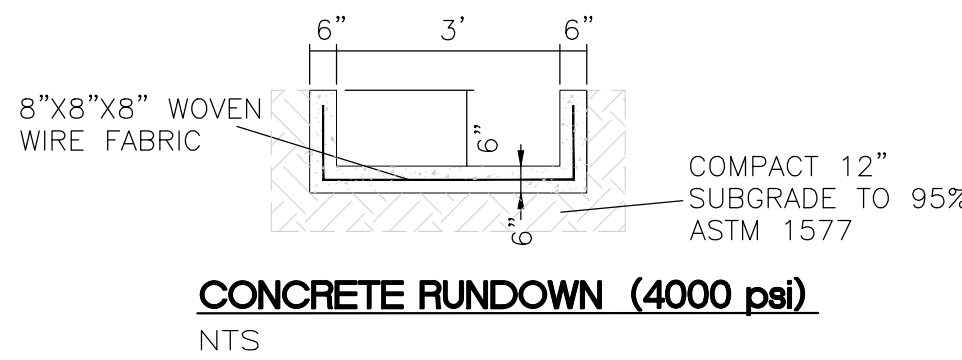


<p>ENGINEER'S SEAL</p>	<p>GOLF COURSE + WESTSIDE ALBUQUERQUE, NM</p>	<p>DRAWN BY RG</p>
	<p>ESC DETAILS</p>	<p>DATE 11/03/2023</p>
<p>11/08/2023</p> <p>VINCENT P. CARRICA P.E. #16212</p>	 <p><i>TERRA WEST, LLC</i></p> <p>5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierrowestllc.com</p>	<p>SHEET # <b>SWP-3</b></p> <p>JOB # 2022055</p>



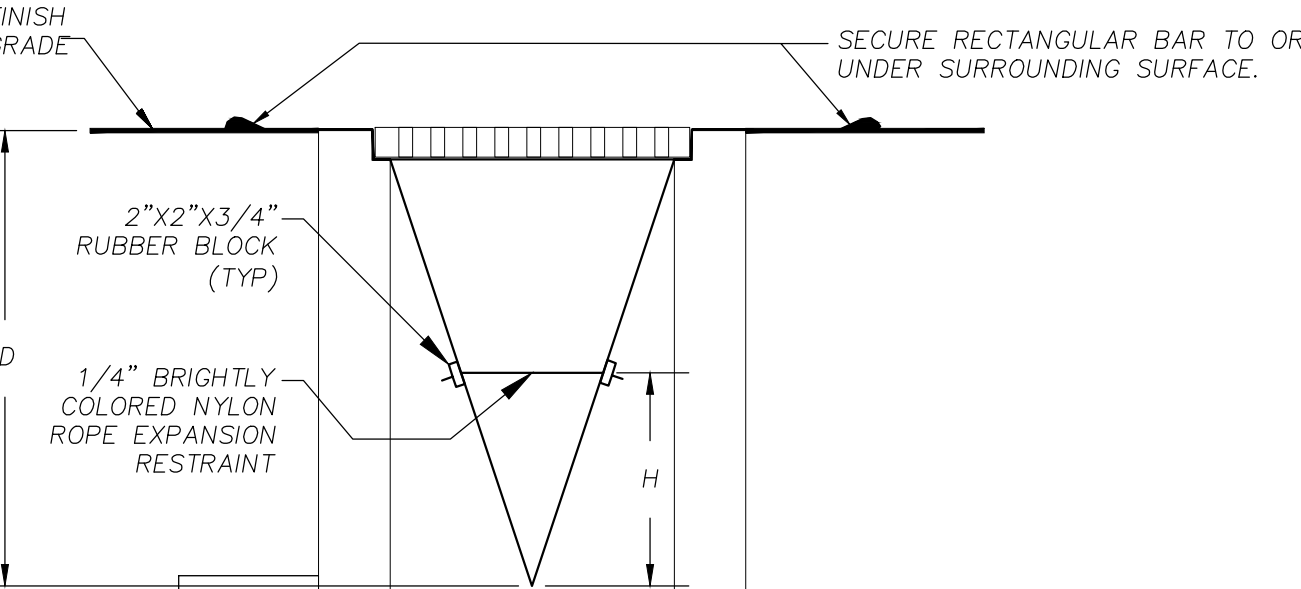


**CMP RISER DETAIL**  
NTS



ISOMETRIC VIEW

LOW TO MODERATE FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	300 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	120 LBS
MULLEN BURST	ASTM D-3786	800 PSI
TRAPEZOID TEAR	ASTM D-4533	120 LBS
UV RESISTANCE	ASTM D-4355	80 %
APPARENT OPENING SIZE	ASTM D-4751	40 US SIEVE
FLOW RATE	ASTM D-4491	40 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1



SECTION VIEW  
(FILTER SACK INSTALLED)

NOTES:

1. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
2. PLACE AN OIL ABSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
3. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET BOX.
4. THE DEPTH, "D", OF THE FILTER SACK SHALL BE BETWEEN 18 INCHES AND 36 INCHES.
5. THE LENGTH, "L", OF THE FILTER SACK SHALL MATCH THE INSIDE LENGTH OF THE GRATED INLET BOX.

MAINTENANCE NOTES:

1. INLET PROTECTION DEVICES MUST BE INSPECTED FOR SEDIMENT ACCUMULATION WITHIN THE CATCH BASIN. REMOVE TRAPPED SEDIMENT WHEN BRIGHTLY COLORED EXPANSION RESTRAINT CAN NO LONGER BE SEEN.
2. REMOVAL OF SEDIMENT ACCUMULATED IN OR ADJACENT TO A STORM DRAIN INLET MUST BEGIN IMMEDIATELY UPON DISCOVERY, WITH COMPLETION OF THE ACTIVITY OCCURRING NO LATER THAN THE END OF THE FOLLOWING BUSINESS DAY.
3. INLET PROTECTION DEVICES SHALL BE INSPECTED FOR UNINTENDED BYPASS OR IMPROPER FLOW-RATES THAT MAY CAUSE DOWNSTREAM FLOODING.
4. CONTACT THE CEC FOR ALTERNATE INLET PROTECTION IF THE DESIGNED PROTECTION MAY IMPACT DOWNSTREAM BMPs, ADJACENT SLOPES, ETC., DUE TO PONDING ISSUES. ENSURE THAT NO UNDERMINING OF INLET PROTECTION DEVICES HAS OCCURRED.
5. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION.

MODERATE TO HIGH FLOW GEOTEXTILE FABRIC SPECIFICATION TABLE		
PROPERTIES	TEST METHOD	UNITS
GRAB TENSILE STRENGTH	ASTM D-4632	265 LBS
GRAB TENSILE ELONGATION	ASTM D-4632	20 %
PUNCTURE	ASTM D-4833	135 LBS
MULLEN BURST	ASTM D-3786	420 PSI
TRAPEZOID TEAR	ASTM D-4533	45 LBS
UV RESISTANCE	ASTM D-4355	90 %
APPARENT OPENING SIZE	ASTM D-4751	20 US SIEVE
FLOW RATE	ASTM D-4491	200 GAL/MIN/SQ FT
PERMITTIVITY	ASTM D-4491	1.5 SEC -1

**IP5 INLET PROTECTION FILTER SACK**  
N.T.S.

FOR USE ONLY IN PAVED AREAS WHERE SEDIMENT LOADS ARE EXPECTED TO BE VERY LOW. FILTER SACK MUST HAVE OVERFLOW HOLES TO PREVENT PONDING.

	ENGINEER'S SEAL	GOLF COURSE + WESTSIDE ALBUQUERQUE, NM ESC DETAILS	DRAWN BY RG
			DATE 11/03/2023
			2022055_SWPPP
	VINCENT P. CARRICA P.E. #16212	 <b>TERRA WEST, LLC</b> 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.terrawestllc.com	SHEET # <b>SWP-4</b> JOB # 2022055

This collection of information is approved by OMB under the Paperwork Reduction Act, 44 U.S.C. 3501 et seq. (OMB Control No. 2040-0305). Responses to this collection of information are mandatory in accordance with this permit and EPA NPDES regulations (40 CFR 122.28(b)(2)). An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number. The public reporting and recordkeeping burden for this collection of information are estimated to average 1.1 to 19.6 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates and any suggested methods for minimizing respondent burden to the Regulatory Support Division Director, U.S. Environmental Protection Agency (2821T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

## Permit Information

NPDES ID: NMR10061IState/Territory to which your project/site is discharging: NMIs your project/site located on federally recognized Indian Country lands? NoAre you requesting coverage under this NOI as a "*Federal Operator*" or a "*Federal Facility*" as defined in Appendix A (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-a-definitions.pdf>)?NoHave stormwater discharges from your current construction site been covered previously under an NPDES permit? NoWill you use polymers, flocculants, or other treatment chemicals at your construction site? NoHas a Stormwater Pollution Prevention Plan (SWPPP) been prepared in advance of filling this NOI, as required? YesAre you able to demonstrate that you meet one of the criteria listed in Appendix D (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-d-endangered-species-protection.pdf>) with respect to protection of threatened or endangered species listed under the Endangered Species Act (ESA) and federally designated critical habitat?YesHave you completed the screening process in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) relating to the protection of historic properties?Yes

Indicating "Yes" below, I confirm that I understand that CGP only authorized the allowable stormwater discharges in Part 1.2.1 and the allowable non-stormwater discharges listed in Part 1.2.2. Any discharges not expressly authorized in this permit cannot become authorized or shielded from liability under CWA section 402(k) by disclosure to EPA, state or local authorities after issuance of this permit via any means, including the Notice of Intent (NOI) to be covered by the permit, the Stormwater Pollution Prevention Plan (SWPPP), during an inspection, etc. If any discharges requiring NPDES permit coverage other than the allowable stormwater and non-stormwater discharges listed in Parts 1.2.1 and 1.2.2 will be discharged, they must be covered under another NPDES permit.

Yes

## Operator Information

## Operator Information

Operator Name: Dennis & George LLC,

Operator Mailing Address:

Address Line 1: 4701 Rio Grande Lane NW

Address Line 2:

City: AlbuquerqueZIP/Postal Code: 87107State: NMCounty or Similar Division: BernalilloCountry: US

## Operator Point of Contact Information

First Name Middle Initial Last Name: Dennis  CarpenterTitle: OwnerPhone: 505-269-1812

Ext.:

Email: denniscarpenter1@aol.com

## NOI Preparer Information

☒ This NOI is being prepared by someone other than the certifier.First Name Middle Initial Last Name: Bradley A FroschOrganization: TIERRA WEST LLCPhone: 505-858-3100

Ext.:

Email: bfrosch@tierrawestllc.com

## Project/Site Information

Project/Site Name: Golf Course Rd and Westside Blvd

Project/Site Address

Address Line 1: 10850 Golf Course Rd NW

Address Line 2:

City: Albuquerque

ZIP/Postal Code: 87114

State: NM

County or Similar Division: Bernalillo

Latitude/Longitude: 35.2171°N, 106.6758°W

Latitude/Longitude Data Source: Google Earth

Horizontal Reference Datum: WGS 84

Project Start Date: 11/29/2023

Project End Date: 12/29/2024

Estimated Area to be Disturbed: 4.75

Types of Construction Sites:

- Commercial

Will there be demolition of any structure built or renovated before January 1, 1980? No

Will you be discharging dewatering water from your site? No

Was the pre-development land use used for agriculture? No

Are there other operators that are covered under this permit for the same project site? No

Have earth-disturbing activities commenced on your project/site? No

Is your project/site located on federally recognized Indian Country lands? No

Is your project/site located on a property of religious or cultural significance to an Indian tribe? No

Discharge Information

Does your project/site discharge stormwater into a Municipal Separate Storm Sewer System (MS4)? Yes

Are there any waters of the U.S. within 50 feet of your project's earth disturbances? No

Are any of the waters of the U.S. to which you discharge designated by the state or tribal authority under its antidegradation policy as a Tier 2 (or Tier 2.5) water (water quality exceeds levels necessary to support propagation of fish, shellfish, and wildlife and recreation in and on the water) or as a Tier 3 water (Outstanding National Resource Water)? See Resources, Tools and Templates (https://www.epa.gov/npdes/construction-general-permit-resources-tools-and-templates)

No

001:

Latitude/Longitude: 35.216616°N, 106.67484°W

Tier Designation: N/A

Is this receiving water impaired (on the CWA 303(d) list)? Yes

Impaired Pollutants:

- E. coli

Has a TMDL been completed for this receiving waterbody? Yes

TMDL ID: 2105 Name: Rio Grande

TMDL Pollutants:

- E. coli

Stormwater Pollution Prevention Plan (SWPPP)

Will all required personnel, including those conducting inspections at your site, meet the training requirements in Part 6 of this permit? Yes

First Name Middle Initial Last Name: Dennis Carpenter

Title: Owner

Phone: 505-269-1812 Ext.:

Email: denniscarpenter1@aol.com

Endangered Species Protection Worksheet: Criterion A

Determine ESA Eligibility Criterion

Are your discharges and discharge-related activities already addressed in another operator's valid certification of eligibility for your "action area" under the current 2022 CGP? No

Has consultation between you, a Federal Agency, and the USFWS and/or the NMFS under section 7 of the Endangered Species Act (ESA) concluded? No



Are your construction activities the subject of a permit under section 10 of the ESA by the USFWS and/or NMFS, and this authorization addresses the effects of your site's discharges and discharge-related activities on ESA-listed species and/or designated critical habitat?

No

You must determine whether species listed as either threatened or endangered, or their critical habitat(s) are located in your site's action area (i.e., all areas to be affected directly or indirectly by the federal action and not merely the immediate area involved in the action, including areas beyond the footprint of the site that are likely to be affected by stormwater discharges, discharge-related activities, and authorized non-stormwater discharges).

## Determine your Action Area

You must consider the following in determining the action area for your site, and **confirm that all the following are true**:

- In determining my "action area", I have considered that discharges of pollutants into downstream areas can expand the action area well beyond the footprint of my site and the discharge point(s). I have taken into account the controls I will be implementing to minimize pollutants and the receiving waterbody characteristics (e.g., perennial, intermittent, ephemeral) in determining the extent of physical, chemical, and/or biotic effects of the discharges. I confirm that all receiving waterbodies that could receive pollutants from my site are included in my action area.

True
- In determining my "action area", I have considered that discharge-related activities must also be accounted for in determining my action area. I understand that discharge-related activities are any activities that cause, contribute to, or result in stormwater and authorized non-stormwater point source discharges, and measures such as the siting, construction timing, and operation of stormwater controls to control, reduce, or prevent pollutants from being discharged. I understand that any new or modified stormwater controls that will have noise or other similar effects, and any disturbances associated with construction of controls, are part of my action area.

True

## Determine if ESA-listed species and/or critical habitat are in your site action area.

ESA-listed species and designated critical habitat are under the purview of the NMFS and the USFWS, and in many cases, you will need to acquire species and critical habitat lists from both federal agencies.

## National Marine Fisheries Service (NMFS)

For NMFS species and designated critical habitat information, use the following webpage:

- https://www.epa.gov/npdes/construction-general-permit-cgp-threatened-and-endangered-species-eligibility (https://www.epa.gov/npdes/construction-general-permit-cgp-threatened-and-endangered-species-eligibility)

I have checked the webpage listed above and confirmed that:

- ☒ There are no NMFS-protected species and/or designated critical habitat in my action area.
- ☐ There are NMFS-protected species and/or designated critical habitat in my action area.

## U.S. Fish and Wildlife Service (USFWS)

For USFWS species and critical habitat information, use the following webpage:

- https://www.epa.gov/npdes/construction-general-permit-cgp-threatened-and-endangered-species-eligibility (https://www.epa.gov/npdes/construction-general-permit-cgp-threatened-and-endangered-species-eligibility)

I have checked the webpage listed above and confirmed that:

- ☒ There are no FWS-protected species and/or designated critical habitat in my action area.
- ☐ There are FWS-protected species and/or designated critical habitat in my action area.

You are eligible under **Criterion A**.

Identify the USFWS information sources used (Note: state resources are not acceptable):

2024-0013201

Identify the NMFS information sources used (Note: state resources are not acceptable):

US Department of the Interior

You must attach: ⓘ

- Aerial image(s) of the site.
- A printout of the species' list(s) showing no ESA-listed species or designated critical habitat in my action area.

Name	Uploaded Date	Size
 Aerial.PNG (attachment/1772622)	11/15/2023	779.15 KB
 Species List_ New Mexico Ecological Services Field Office.pdf (attachment/1772621)	11/15/2023	244.70 KB

Have you attached aerial image(s) of the site? [Yes](#)

Have you attached a printout of the species' list(s) showing no ESA-listed species or designated critical habitat in my action area? [Yes](#)

Have you provided documentation in your SWPPP supporting your eligibility under Criterion A? [Yes](#)



Are you installing any stormwater controls as described in Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>) that require subsurface earth disturbances? (Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>), Step 1)

Yes

- Have prior surveys or evaluations conducted on the site already determined historic properties do not exist, or that prior disturbances have precluded the existence of historic properties? (Appendix E (<https://www.epa.gov/system/files/documents/2022-01/2022-cgp-final-appendix-e-historic-properties.pdf>), Step 2):

Yes

#### Certification Information



I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. Signing an electronic document on behalf of another person is subject to criminal, civil, administrative, or other lawful action.

**Certified By:** Dennis Carpenter

**Certifier Title:** Owner

**Certifier Email:** denniscarpenter1@aol.com

**Certified On:** 11/15/2023 4:53 PM ET