



## Stormwater Quality

### ESC Plan Information Sheet

**Project Name:** Bedrosians Tile & Stone

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

NW Corner of N. Renaissance Blvd./Alexander Blvd. Intersection

**Plan Preparer Information:**

Company: Tierra West, LLC

Contact: Ronald R. Bohannon

Address: 5571 Midway Park Pl. NE Albuquerque, NM 87109

Phone Number: (O) 505-858-3100 (Cell (optional)) \_\_\_\_\_

e-Mail: rrb@tierrawestllc.com

**Owner Information:**

Company: Paragon Industries II, Inc.

Contact: Eddie Bedrosian

Address: 1515 E. Winston Rd. Anaheim, CA 92805

Phone: 714-778-1800

e-Mail: eddie.bedrosian@bedrosians.com

**I am submitting the ESC plan to obtain approval for:**

☒ ESC Permit-Grading

☒ ESC Permit-Building Permit

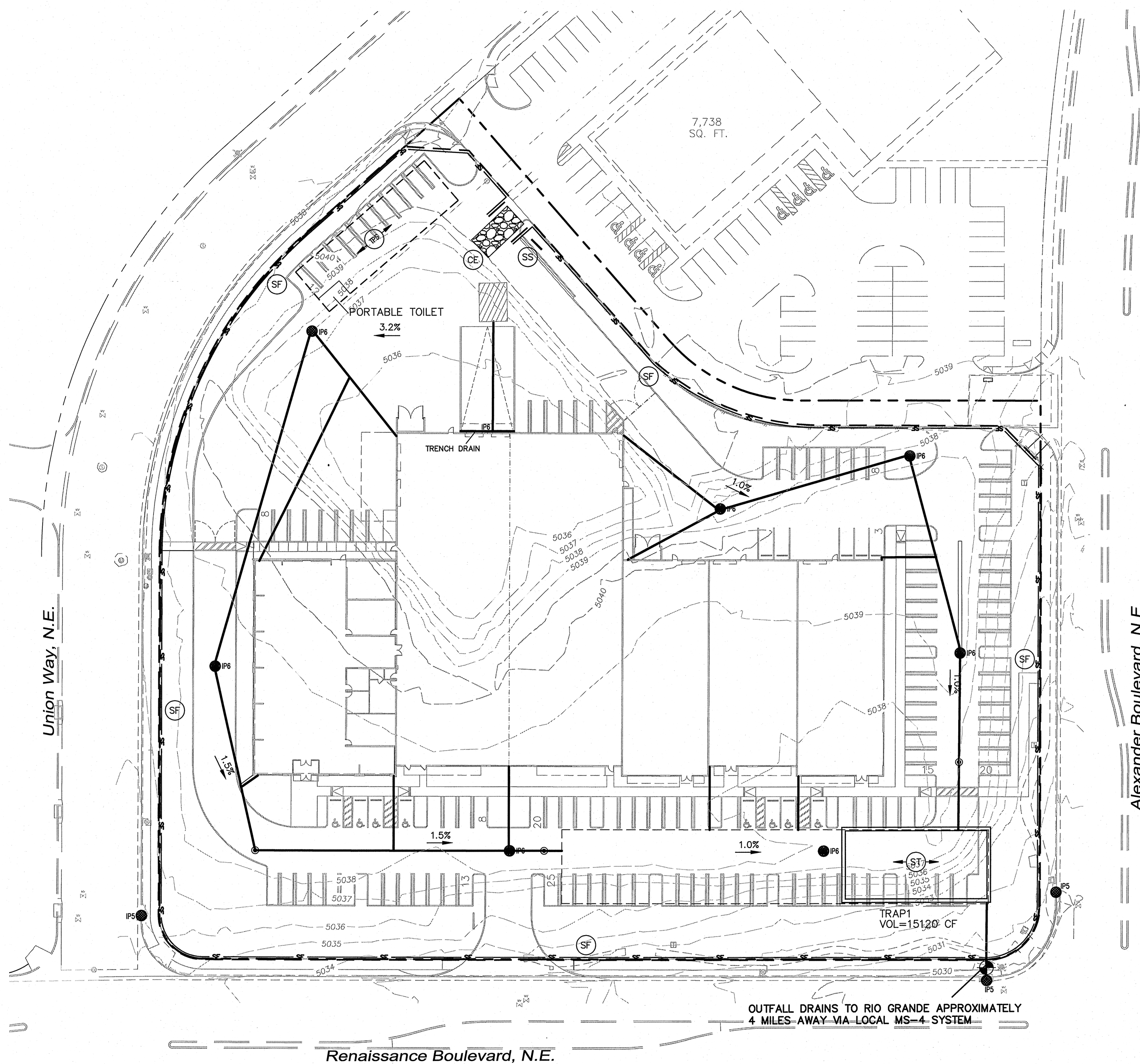
☐ Work Order Construction Plans

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

If you have questions, please contact Curtis Cherne, Stormwater Quality 924-3420, ccherne@cabq.gov

Rev April 2016





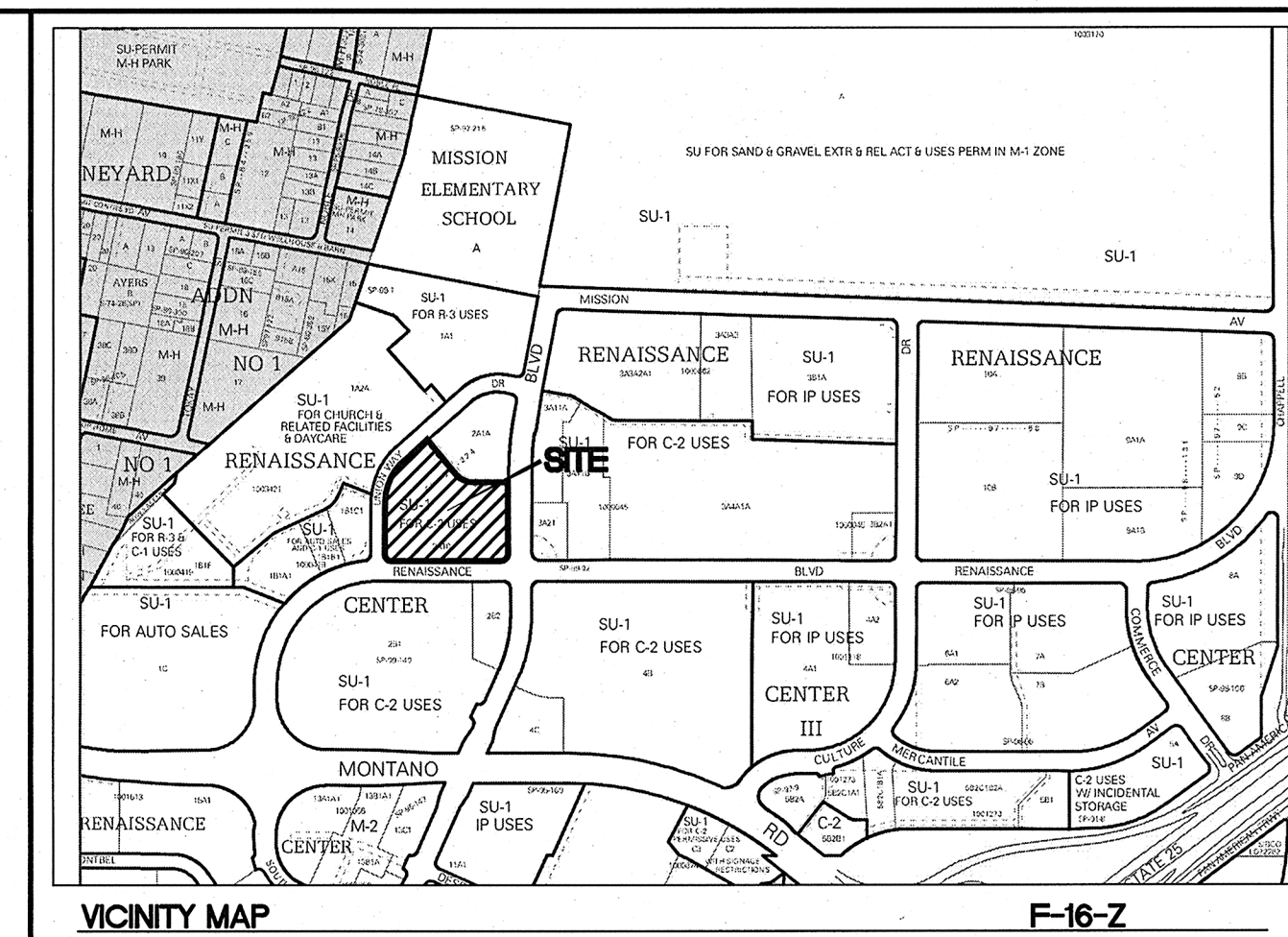
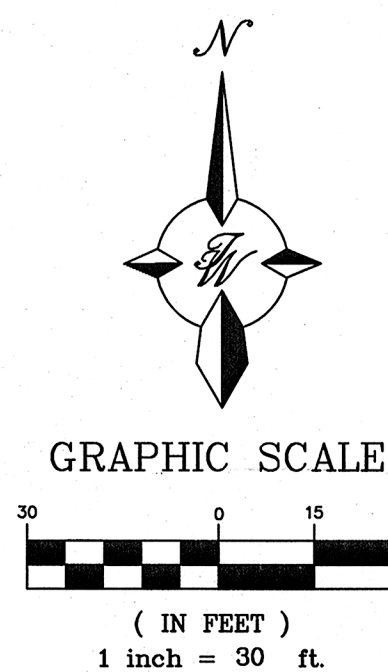
NOTE  
ALL OFFSITE SOIL BORROW AND SOIL DISPOSAL SITES REQUIRE AN  
ACTIVE NOTICE OF INTENT (NOI) TO BE ON FILE WITH THE EPA. A  
COPY OF THE NOI MUST BE INSERTED INTO THE SWPPP BOOK.

#### GENERAL EROSION NOTES

- THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THIS DRAWING ("SITE MAP"), THE STANDARD DETAILS, THE PLAN NARRATIVE, PLUS THE PERMIT AND ALL SUBSEQUENT REPORTS AND RELATED DOCUMENTS.
- ALL CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH STORM WATER POLLUTION PREVENTION SHALL REVIEW A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN AND BECOME FAMILIAR WITH THEI CONTENTS.
- CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS AT NO ADDITIONAL COST TO OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE CONTRACTOR SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY OR OWNER.
- ALL BMP'S ARE REQUIRED TO BE MAINTAINED UNTIL FINAL STABILIZATION IS ACHIEVED.
- CONTRACTOR SHALL MINIMIZE CLEARING TO THE MAXIMUM EXTENT PRACTICAL OR AS REQUIRED BY THE GENERAL PERMIT.
- GENERAL CONTRACTOR SHALL DENOTE ON PLAN THE TEMPORARY PARKING AND STORAGE AREA WHICH SHALL ALSO BE USED AS THE EQUIPMENT MAINTENANCE AND CLEANING AREA, EMPLOYEE PARKING AREA, AND AREA FOR LOCATING PORTABLE FACILITIES, OFFICE TRAILERS, AND TOILET FACILITIES.
- A DEDICATED WASH OUT AREA OR CONTAINER MUST BE PROVIDED FOR CONCRETE, PLASTERING, PAINTING AND ANY OTHER TRADES AS NEEDED.
- SUFFICIENT OIL AND GREASE ABSORBING MATERIALS AND FLotation BOOMS SHALL BE MAINTAINED ON SITE OR READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS.
- DUST ON THE SITE SHALL BE CONTROLLED BY WATER SUPPRESSION THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS FOR DUST SUPPRESSION OPERATIONS IS PROHIBITED.
- RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED CONTAINERS. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER DISCHARGE.
- ALL STORM WATER POLLUTION PREVENTION MEASURES PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED PRIOR TO ANY MAJOR EARTH DISTURBING ACTIVITIES.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS STOPPED FOR AT LEAST 14 DAYS, SHALL BE TEMPORARILY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS FROM THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. PROVIDE ADEQUATE TEMPORARY IRRIGATION FOR GERMINATION.
- DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS PERMANENTLY STOPPED SHALL BE PERMANENTLY SEEDED. THESE AREAS SHALL BE SEEDED NO LATER THAN 14 DAYS AFTER THE LAST CONSTRUCTION ACTIVITY OCCURRING IN THESE AREAS. REFER TO THE GRADING PLAN AND/OR LANDSCAPE PLAN.
- IF THE ACTION OF VEHICLES TRAVELING OVER THE GRAVEL CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD, THEN THE TIRES MUST BE WASHED BEFORE THE VEHICLES ENTER A PUBLIC ROAD. IF WASHING IS USED, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF THE SITE.
- ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- CONTRACTORS OR SUBCONTRACTORS WILL BE RESPONSIBLE FOR REMOVING SEDIMENT IN THE DETENTION POND AND ANY SEDIMENT THAT MAY HAVE COLLECTED IN THE STORM SEWER DRAINAGE SYSTEMS IN CONJUNCTION WITH THE STABILIZATION OF THE SITE.
- 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 SITE MAP AND PERMITTED IN ACCORDANCE WITH GENERAL PERMIT REQUIREMENTS.
- SLOPES SHALL BE LEFT IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION.
- DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING THE ALL EROSION CONTROL MEASURES TO PREVENT EROSION.
- ALL CONSTRUCTION SHALL BE STABILIZED AT THE END OF EACH WORKING DAY, THIS INCLUDES BACKFILLING OF TRENCHES FOR UTILITY CONSTRUCTION AND PLACEMENT OF GRAVEL OR BITUMINOUS PAVING FOR ROAD CONSTRUCTION.

#### SEQUENCE OF CONSTRUCTION

- INSTALL STABILIZED CONSTRUCTION ENTRANCES.
- CONSTRUCT THE SILT FENCES ON THE SITE.
- PREPARE TEMPORARY PARKING AND STORAGE AREA.
- CONSTRUCT THE SEDIMENTATION AND SEDIMENT TRAP BASINS.
- UNDERCUT GRADE AS REQUIRED.
- START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
- FINISH GRADING THE SITE. RAISE GRADES TO INDUCE DRAINAGE TOWARD TEMPORARY SEDIMENT BASINS.
- STABILIZE AREAS AS GRADING IS COMPLETED.
- PROVIDE FINAL STABILIZATION OF ALL DISTURBED AREAS



#### EROSION NOTES

- TPS TEMPORARY PARKING AND STORAGE
- LIMITS OF DISTURBANCE

#### EROSION DETAILS

- CE TEMPORARY STONE CONSTRUCTION EXIT
- SF TEMPORARY SILT FENCE
- ST TEMPORARY SEDIMENT TRAP
- SS SWPPP SIGN
- IP INLET PROTECTION
- DISCHARGE POINT

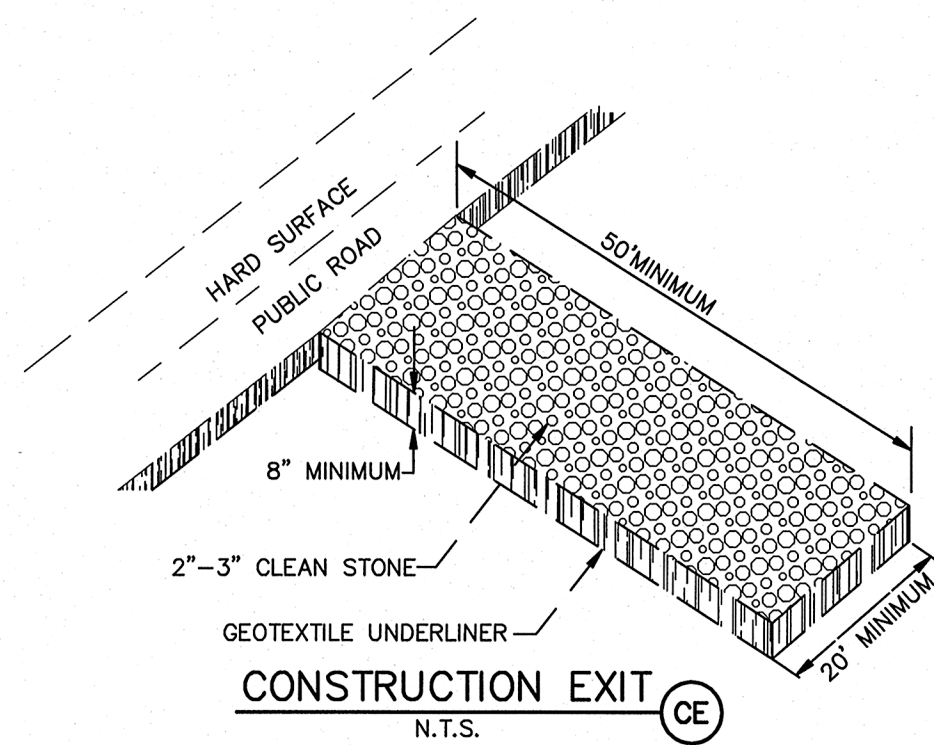
#### MAINTENANCE

ALL MEASURES STATED ON 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 FINAL STABILIZATION OF THE SITE. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AND A REPORT GENERATED BY A QUALIFIED PERSON AT LEAST ONCE EVERY FOURTEEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A 0.25" RAINFALL EVENT.

- INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED IF THEY SHOW SIGNS OF UNDERMINING, OR DETERIORATION.
- ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RESEEDED AS NEEDED.
- SILT FENCES SHALL BE REPAIRED TO THEIR ORIGINAL CONDITIONS IF DAMAGED. SEDIMENT SHALL BE REMOVED FROM THE SILT FENCES WHEN IT REACHES ONE-HALF THE HEIGHT OF THE SILT FENCE.
- THE CONSTRUCTION ENTRANCES SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE CONSTRUCTION ENTRANCES AS CONDITIONS DEMAND.
- ANY TEMPORARY PARKING AND STORAGE AREAS SHALL BE KEPT IN GOOD CONDITION (SUITABLE FOR PARKING AND STORAGE). THIS MAY REQUIRE PERIODIC TOP DRESSING OF THE TEMPORARY PARKING AS CONDITIONS DEMAND. ONCE IDENTIFIED, NOTE ON THE SWPPP PLAN.
- OUTLET STRUCTURES IN THE 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%.
- ALL BMP INSTALLATION, REPAIR, RELOCATION OR REMOVAL DATES WITH LOCATIONS MUST BE NOTED ON THIS PLANS AS THEY OCCUR.

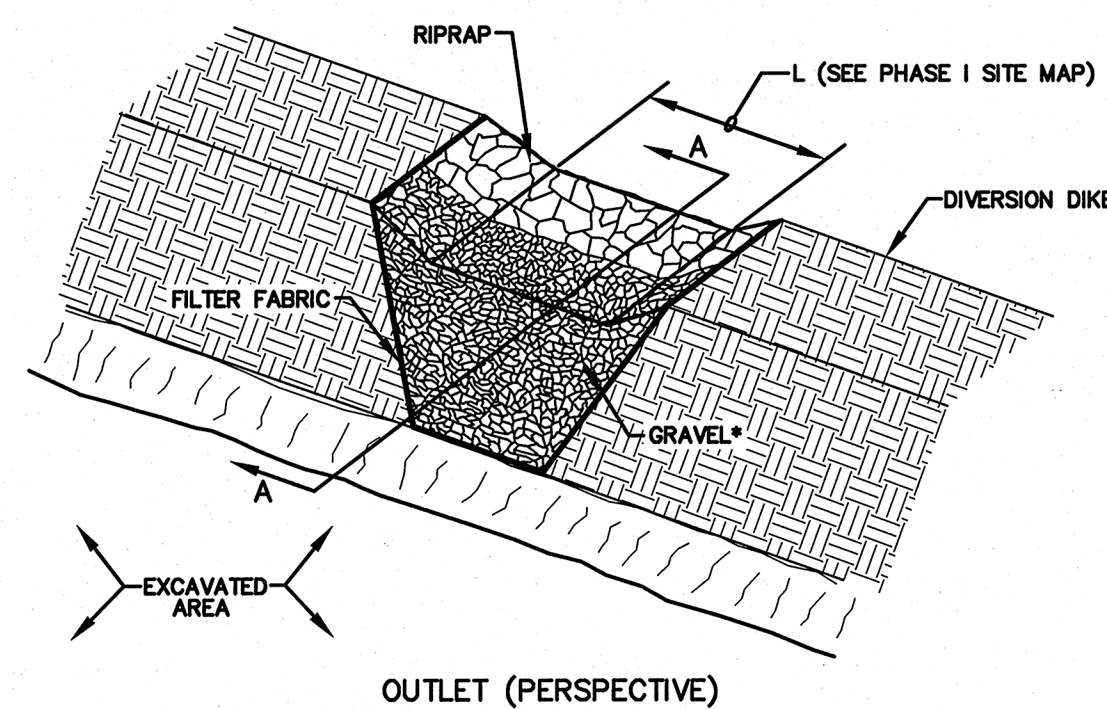
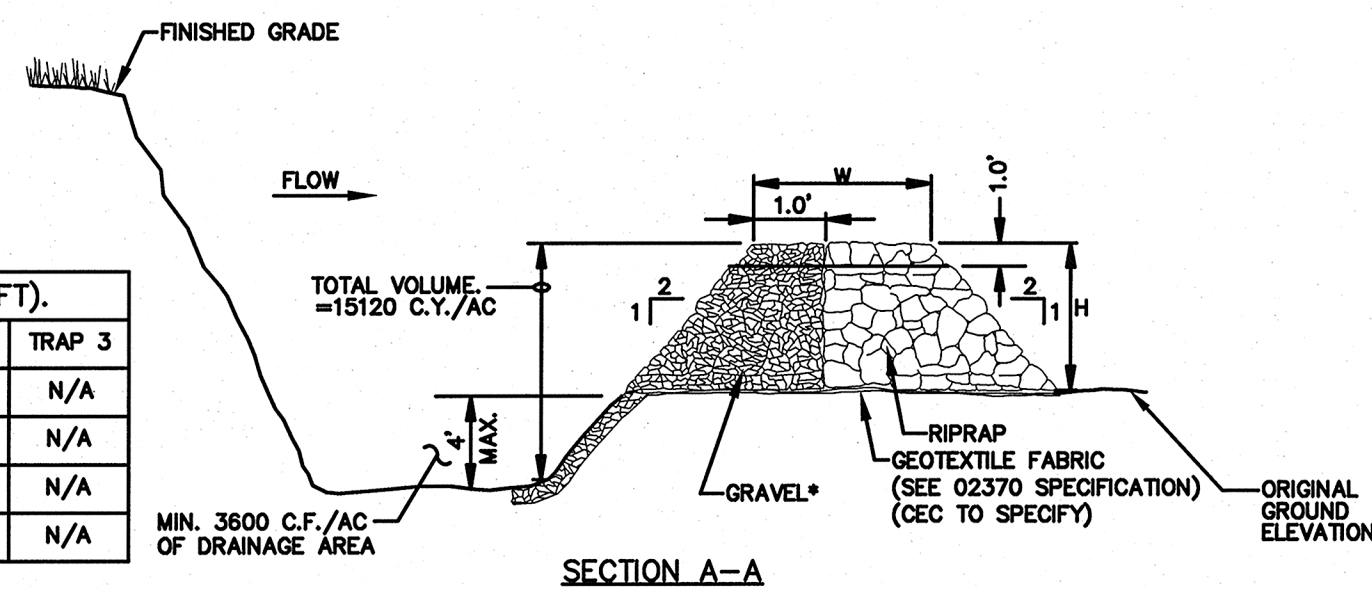
<div>ENGINEER'S SEAL</div> <div></div> <div>RONALD R. BOHANNAN P.E. #7868</div>	<div>TRACT A</div> <div>REINASSANCE CENTER</div> <div>TEMPORARY EROSION CONTROL PLAN</div> <div></div> <div>5571 MIDWAY PARK PL. NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com</div>	DRAWN BY pm
		DATE 5-16-16
		SHEET # SW-1
		JOB # 2014084



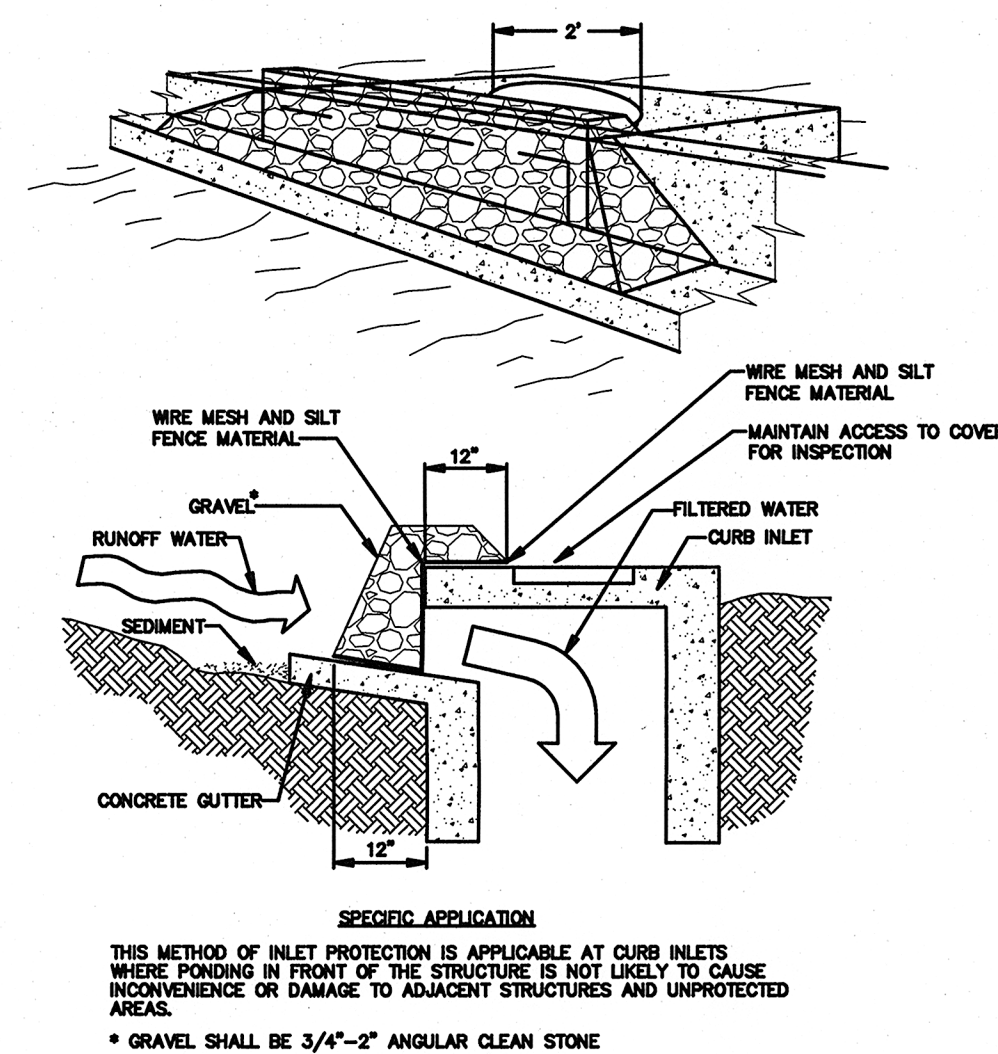
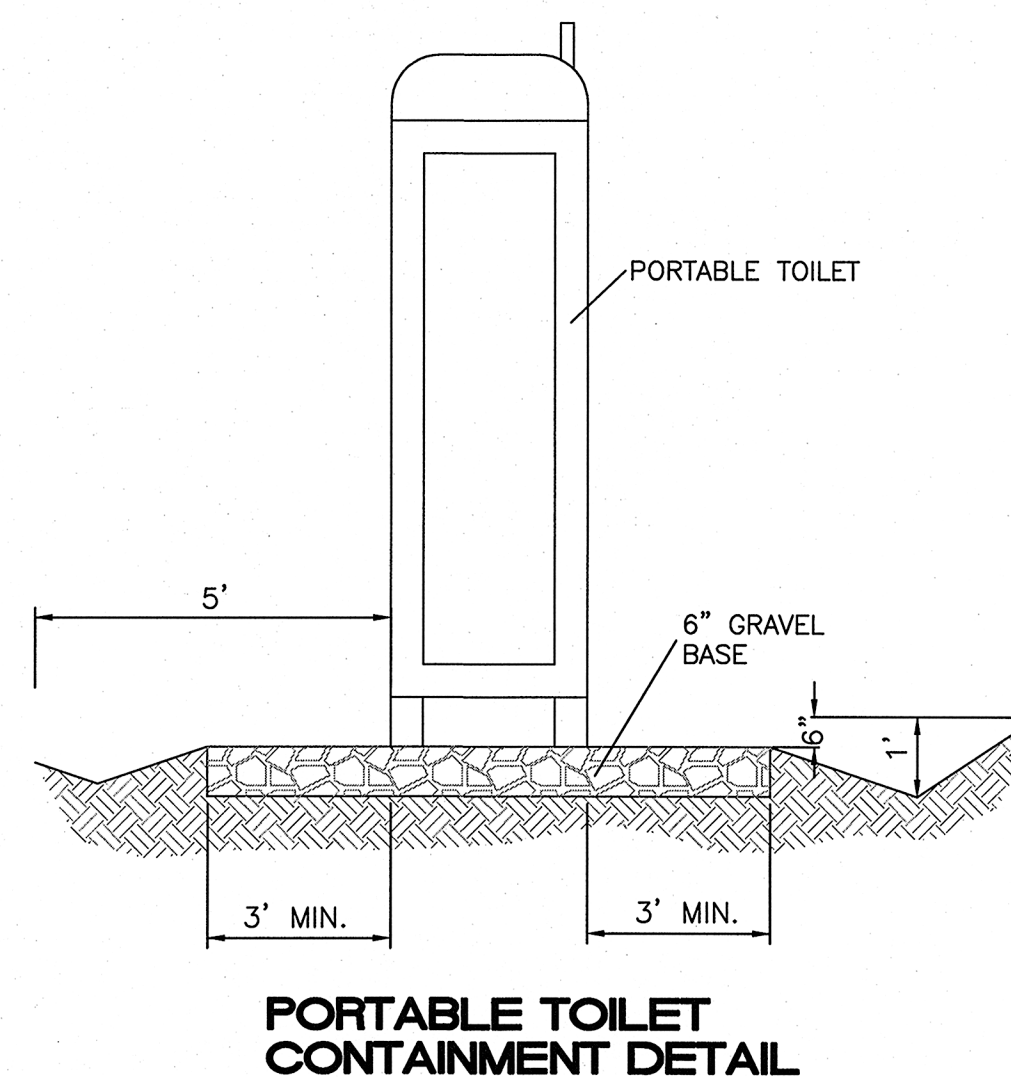


OUTLET DIM (FT).			
TRAP 1	TRAP 2	TRAP 3	
L 5'	N/A	N/A	
H 2'	N/A	N/A	
W 2'	N/A	N/A	
V 15120 CF	N/A	N/A	

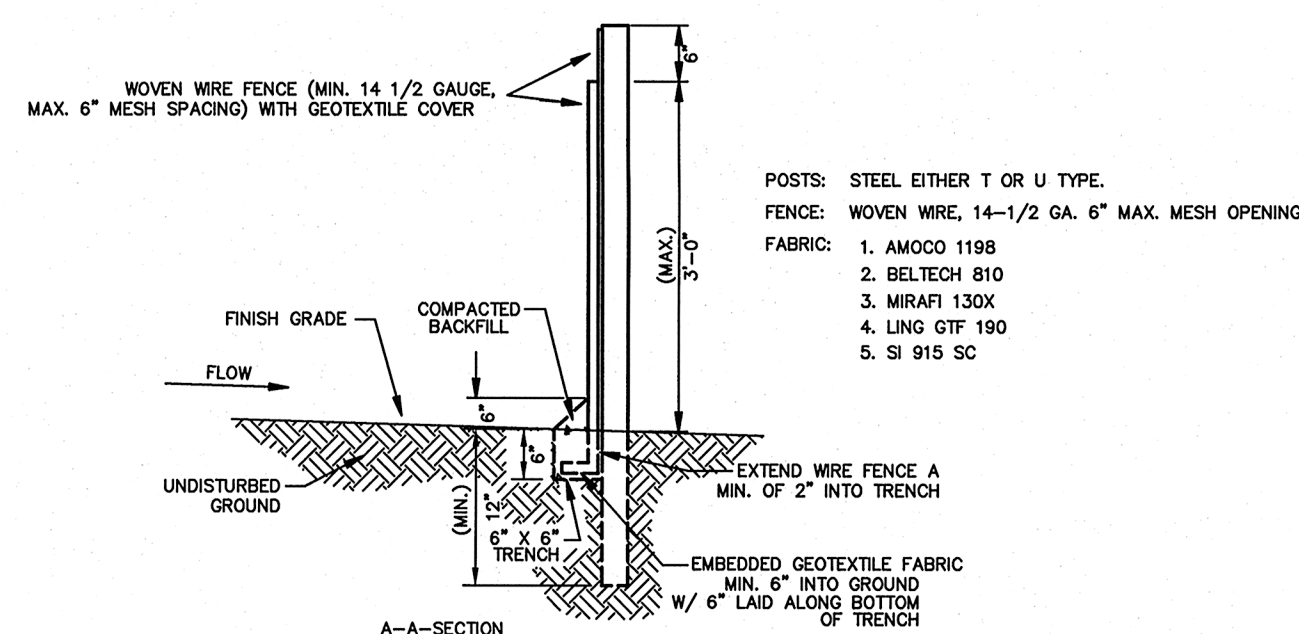
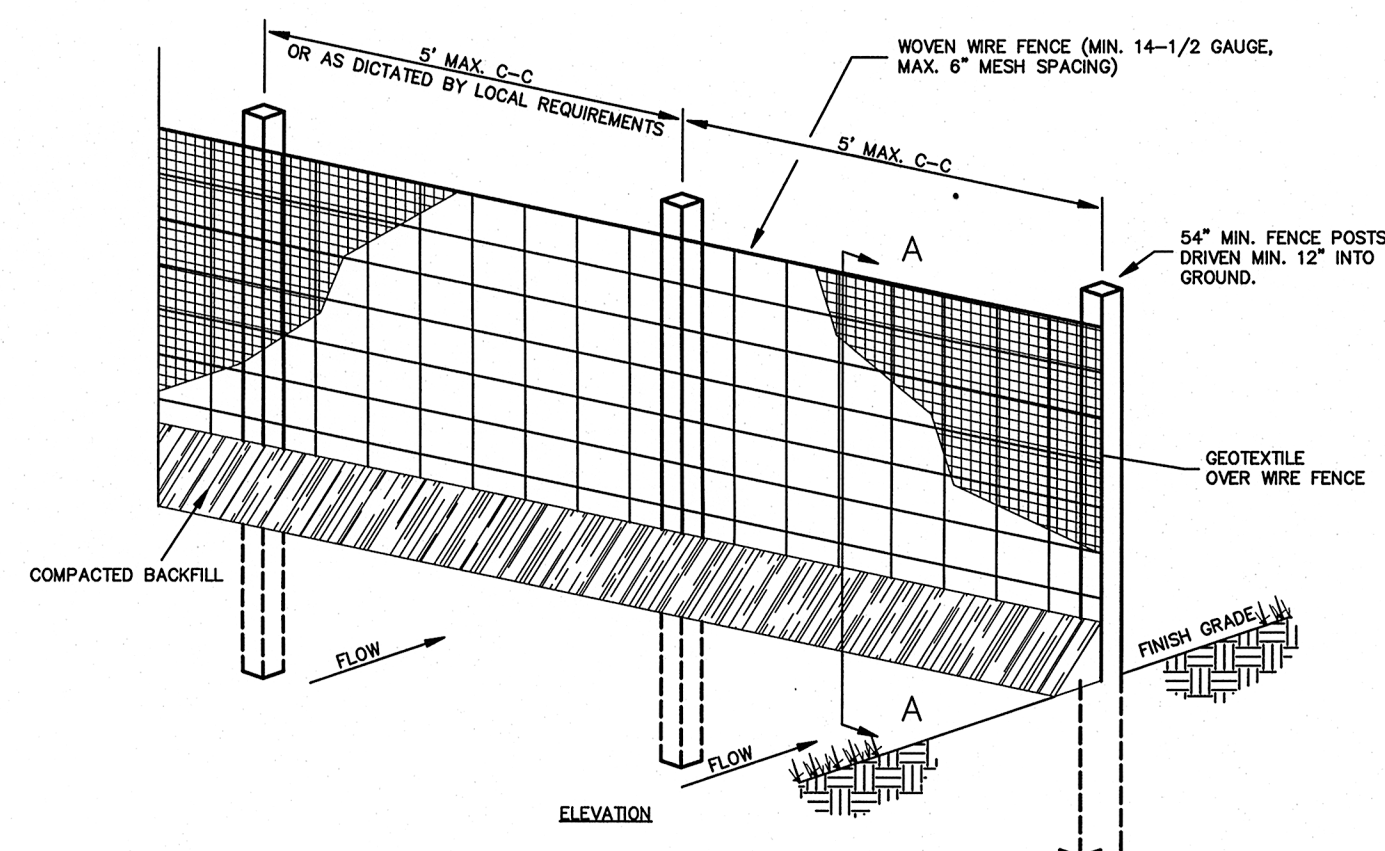
NOTE:  
PROVIDE DIMENSIONS AND VOLUME  
FOR AND LABEL EACH SEDIMENT  
TRAP LOCATED ON THE PLANS.  
(SEE SITE MAPS)



TEMPORARY SEDIMENT TRAP (ST)  
N.T.S.



GRAVEL CURB INLET  
SEDIMENT FILTER (P5)  
N.T.S.



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.

SEDIMENTATION/SILT FENCE WITH WIRE SUPPORT (SF)  
N.T.S.

"SWPPP INFORMATION" MUST BE  
DISPLAYED PROMINENTLY  
ACROSS THE TOP OF THE SIGN,  
AS SHOWN IN THE DETAIL.

SIGN TO BE CONSTRUCTED OF A  
RIGID MATERIAL, SUCH AS  
PLYWOOD OR OUTDOOR SIGN  
BOARD. SIGN MUST BE  
CONSTRUCTED IN A MANNER TO  
PROTECT DOCUMENTS FROM  
DAMAGE DUE TO WEATHER (WIND,  
SUN, MOISTURE, ETC.).

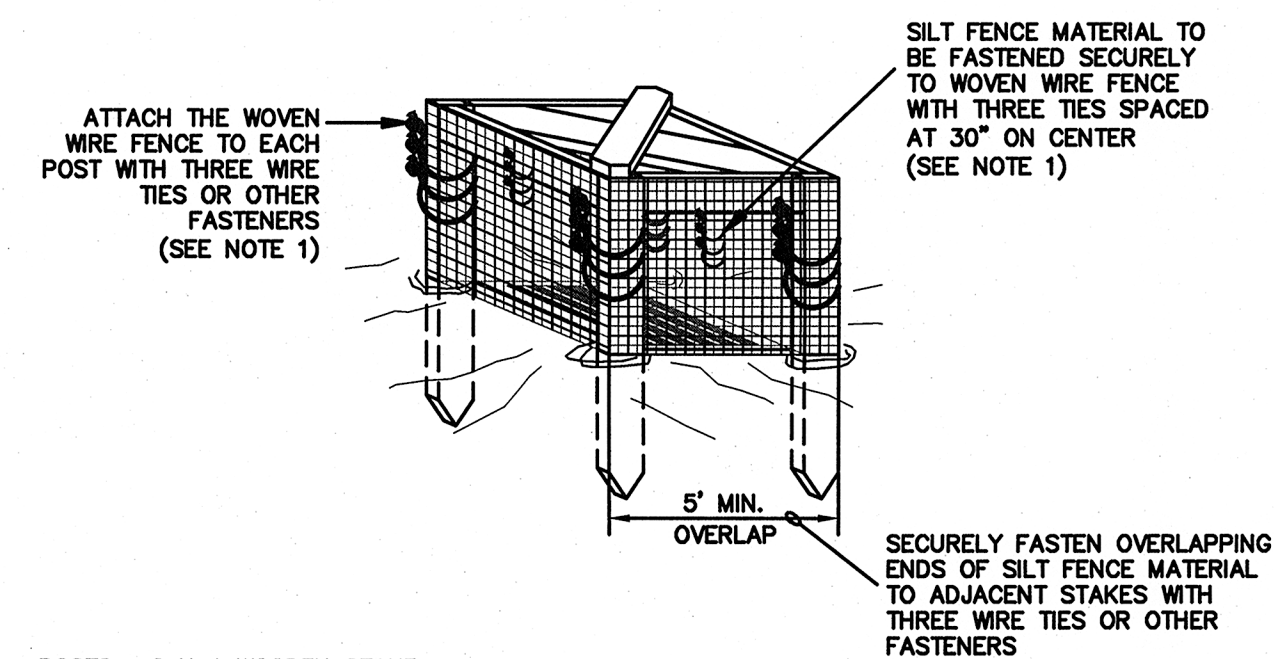
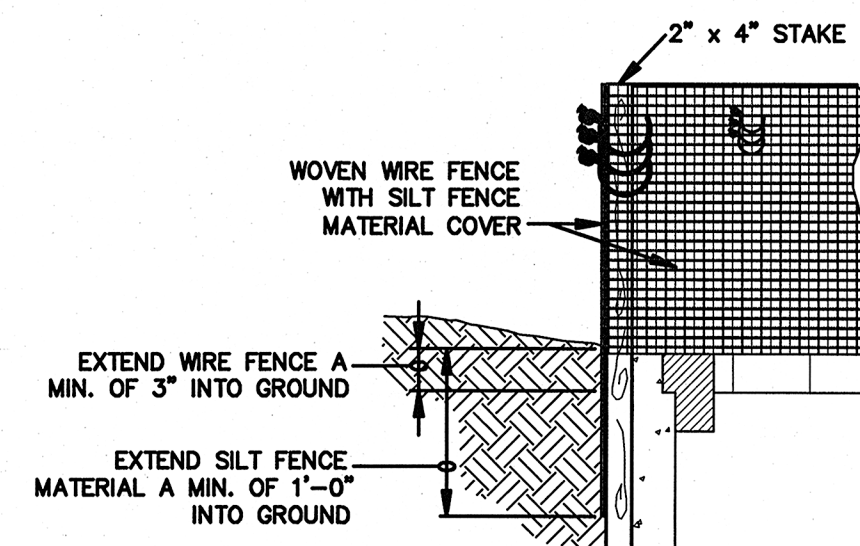
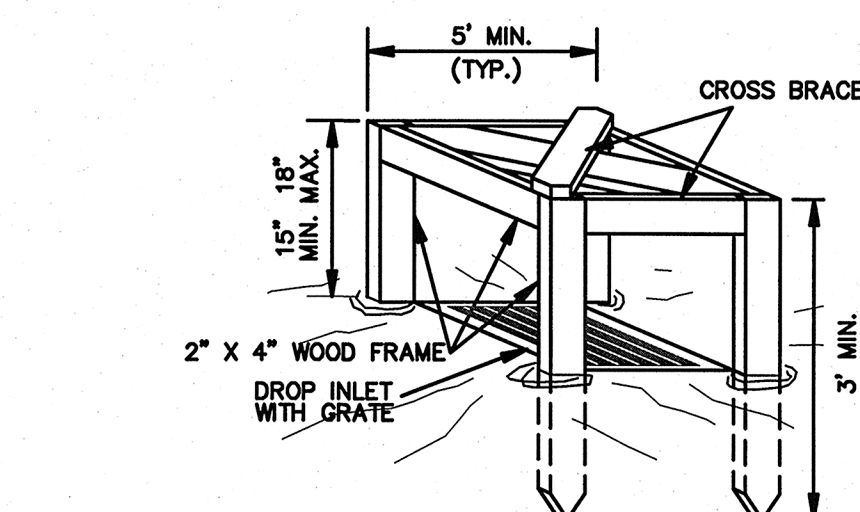
### SWPPP INFORMATION

NPDES TRACKING #  
SWPPP CONTACT  
NAME:  
PHONE:

### NOTES:

- 1) SWPPP PUBLIC INFORMATION SIGN MUST BE POSTED CONSPICUOUSLY AT A SAFE, PUBLICLY ACCESSIBLE LOCATION AT THE PRIMARY ENTRANCE TO THE PROJECT SITE.
- 2) THE PUBLIC INFORMATION SIGN MUST INCLUDE THE TITLE SWPPP INFORMATION, THE NMR TRACKING NUMBER, SITE CONTACT NAME AND PHONE NUMBER.
- 3) THE NOTICE MUST BE LOCATED SO THAT IT IS VISIBLE FROM THE PUBLIC ROAD AND LARGE ENOUGH TO BE READILY VIEWED FROM THE PUBLIC RIGHT-OF-WAY.
- 4) THE NOTICE MUST BE MAINTAINED THROUGHOUT THE CONSTRUCTION DURATION UNTIL A NOT IS FILED.

SWPPP INFORMATION SIGN (SS)  
N.T.S.



POSTS: 2 X 4 WOODEN STAKE  
FENCE: WOVEN WIRE, 14-1/2 GA., 6" MAX. MESH OPENING  
FABRIC: IN ACCORDANCE WITH ASTM D 6461 LATEST EDITION.

1. ATTACH THE WOVEN WIRE FENCE TO EACH POST AND THE GEOTEXTILE TO THE WOVEN WIRE FENCE (SPACED EVERY 30") WITH THREE WIRE TIES OR OTHER FASTENERS, ALL SPACED WITHIN THE TOP 8" OF THE FABRIC. ATTACH EACH TIE DIAGONALLY 45 DEGREES THROUGH THE FABRIC, WITH EACH PUNCTURE AT LEAST 1" VERTICALLY APART.
2. WHEN TWO SECTIONS OF SILT FENCE MATERIAL ADJOIN EACH OTHER, THEY SHALL BE OVERLAPPED ACROSS TWO POSTS.
3. MAINTENANCE SHALL BE PERFORMED AS NOTED IN THE SWPPP. DEPTH OF ACCUMULATED SEDIMENTS MAY NOT EXCEED ONE-HALF THE HEIGHT OF THE FABRIC. MAINTENANCE CLEANOUT MUST BE CONDUCTED REGULARLY TO PREVENT ACCUMULATED SEDIMENTS FROM REACHING ONE-HALF THE HEIGHT OF THE SILT FENCE MATERIAL ABOVE GRADE.
4. ALL SILT FENCE INLETS SHALL INCLUDE WIRE SUPPORT.

SILT FENCE INLET  
PROTECTION (IP6)  
N.T.S.

	TRACT A REINASSANCE CENTER	DRAWN BY pm
	TEMPORARY EROSION CONTROL DETAILS	DATE 5-16-16
	TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	SHEET # SW-2
		JOB # 2014084