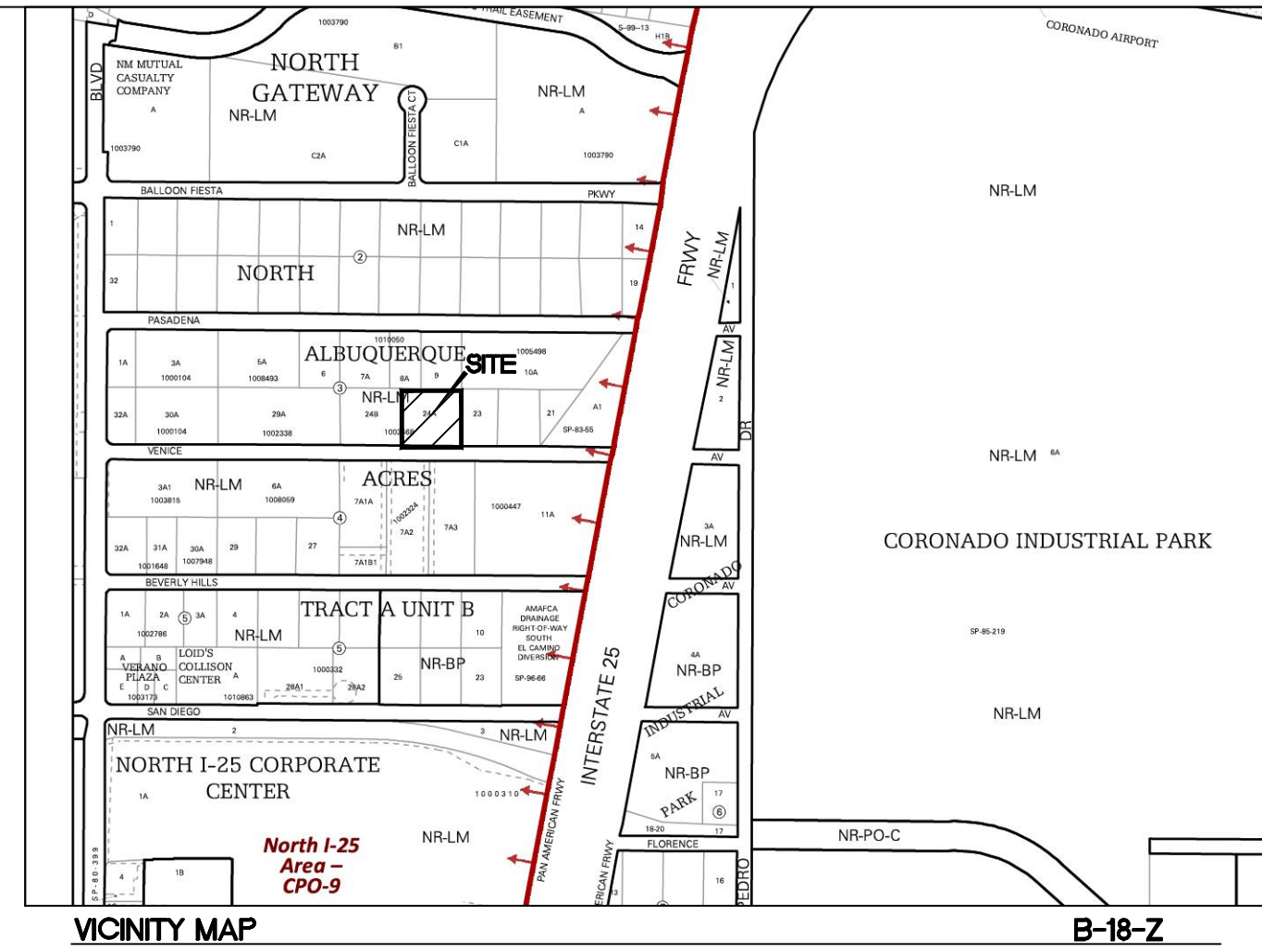


- EROSION NOTES
- (IPS)→ IPS TEMPORARY PARKING AND STORAGE
- LIMITS OF DISTURBANCE
- (SB)→ SB TEMPORARY SEDIMENT BASIN
- EROSION DETAILS
- CE TEMPORARY STONE CONSTRUCTION EXIT
- SF TEMPORARY SILT FENCE
- SS SWPPP SIGN
- SF SILT FENCE
- CE CONSTRUCTION EXIT
- IP INLET PROTECTION

- LEGEND
- CONCRETE (TYP.)
- 3/4" ROCK MULCH (TYP.)
- BERM (TYP.)



- SEQUENCE OF CONSTRUCTION:
1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
  2. POST PUBLIC NOTICE PER DETAILS.
  3. INSTALL DOWN GRADIENT PERIMETER CONTROLS.
  4. THE ENTIRE SITE WILL BE GRADED TO DRAIN TO THE PROPOSED PONDS AT ALL TIMES DURING CONSTRUCTION. INSTALL SEDIMENT BASINS PRIOR TO CLEARING REST OF THE SITE. RUNOFF FROM UPLAND BASINS TO THE EAST SHALL BE DIVERTED TO VENICE AVE.
  5. NOTIFY SWPPP COMPLIANCE INSPECTOR OF COMPLETION OF ABOVE.
  6. BEGIN SOIL DISTURBING ACTIVITIES.
  7. PROVIDE TEMPORARY STABILIZATION OF DISTURBED AREAS OR STOCKPILES.
  8. INSTALL UNDERGROUND UTILITIES.
  9. START CONSTRUCTION OF COMMERCIAL BUILDING.
  10. FINISH GRADING THE SITE.
  11. PAVE COMMON ACCESS DRIVE AISLES AND SIDEWALKS AND PORTION OF ROADWAY.
  12. INSTALL LANDSCAPING ON SITE.

GROUND COVER (PRE-CONSTRUCTION):

THE UNDISTURBED AND PRE-CONSTRUCTION GROUND COVER CONSISTS OF UNCOMPACTED SOIL WITH NATIVE GRASSES, WEEDS, AND SHRUBS WITH MINIMAL TO NO DISTURBANCES TO GRADING.

STORMWATER TEAM MEMBERS:

BMP INSTALLATION, MAINTENANCE AND CORRECTIVE ACTIONS

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

INSPECTIONS NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

LIST OF OPERATORS:

OPERATOR 1 NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

OPERATOR 2 NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

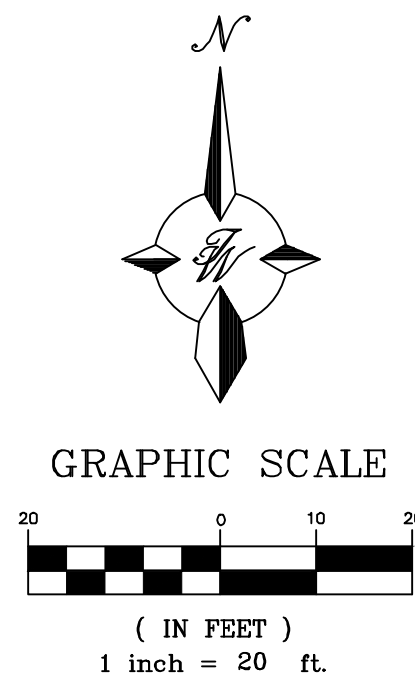
OPERATOR 3 NAME: \_\_\_\_\_

PHONE: \_\_\_\_\_

EMAIL: \_\_\_\_\_

SWPPP PURPOSE:

THE PURPOSE OF THIS SWPPP IS TO APPLY SWPPP CONTROLS THAT ARE REQUIRED DURING DEVELOPMENT OF SITE AND PUBLIC RIGHT OF WAYS.



TERRA WEST, LLC	
5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrowestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: GLASS RITE ON VENICE AVENUE EROSION CONTROL PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO. 720983	ZONE MAP NO. B-18-Z
SHEET 10	OF 12

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORK	DATE
STAKED BY	DATE
ACCEPTANCE BY	DATE
FIELD	DATE
DRAWINGS	DATE
CORRECTED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	
SEE PLANS	DATE
NO.	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE

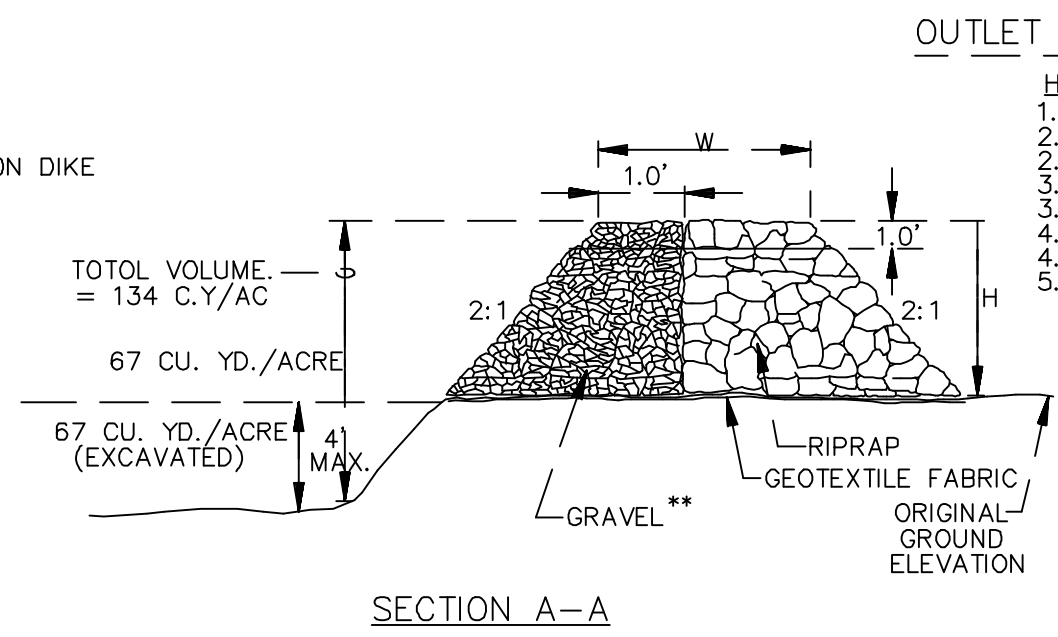
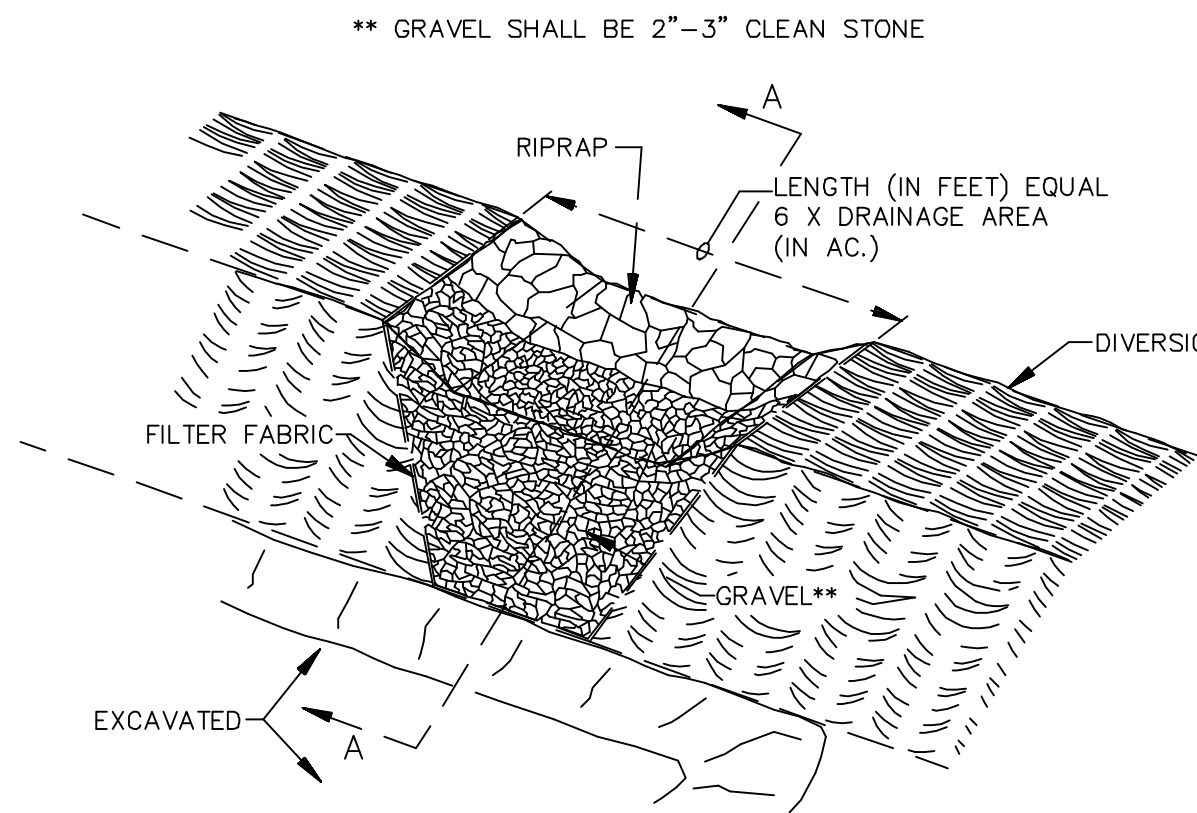
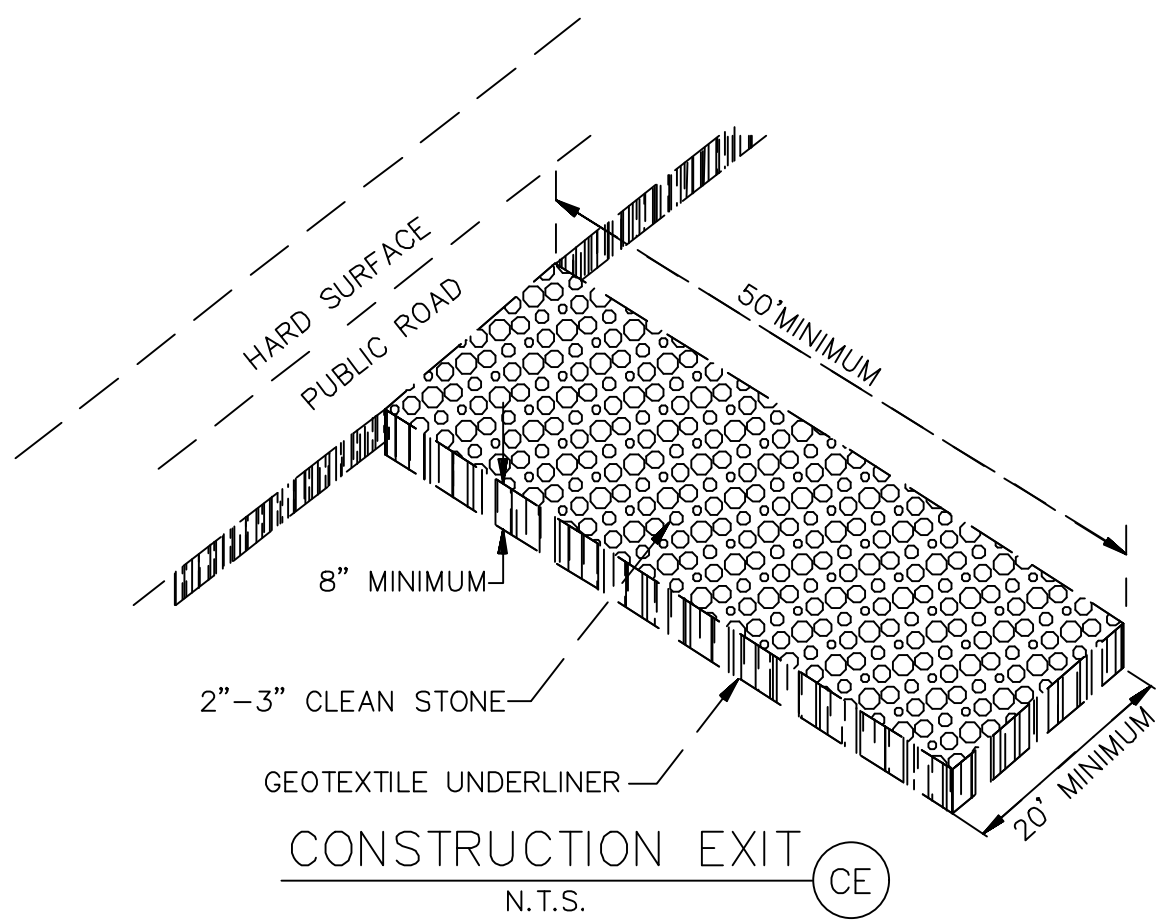
ENGINEER'S SEAL	
VINCENT P. CARRICO NEW MEXICO LICENSED PROFESSIONAL ENGINEER 6212	
5/31/2023	

REMARKS	
REVISIONS	
DESIGN	
NO.	DATE
BY	DATE
DESIGNED BY: VC	DATE: APRIL 24, 2023
DRAWN BY: JL	DATE: APRIL 24, 2023
DRAWN NAME:	JOB NO.: 2022092
CHECKED BY: RRB	DATE: APRIL 24, 2023

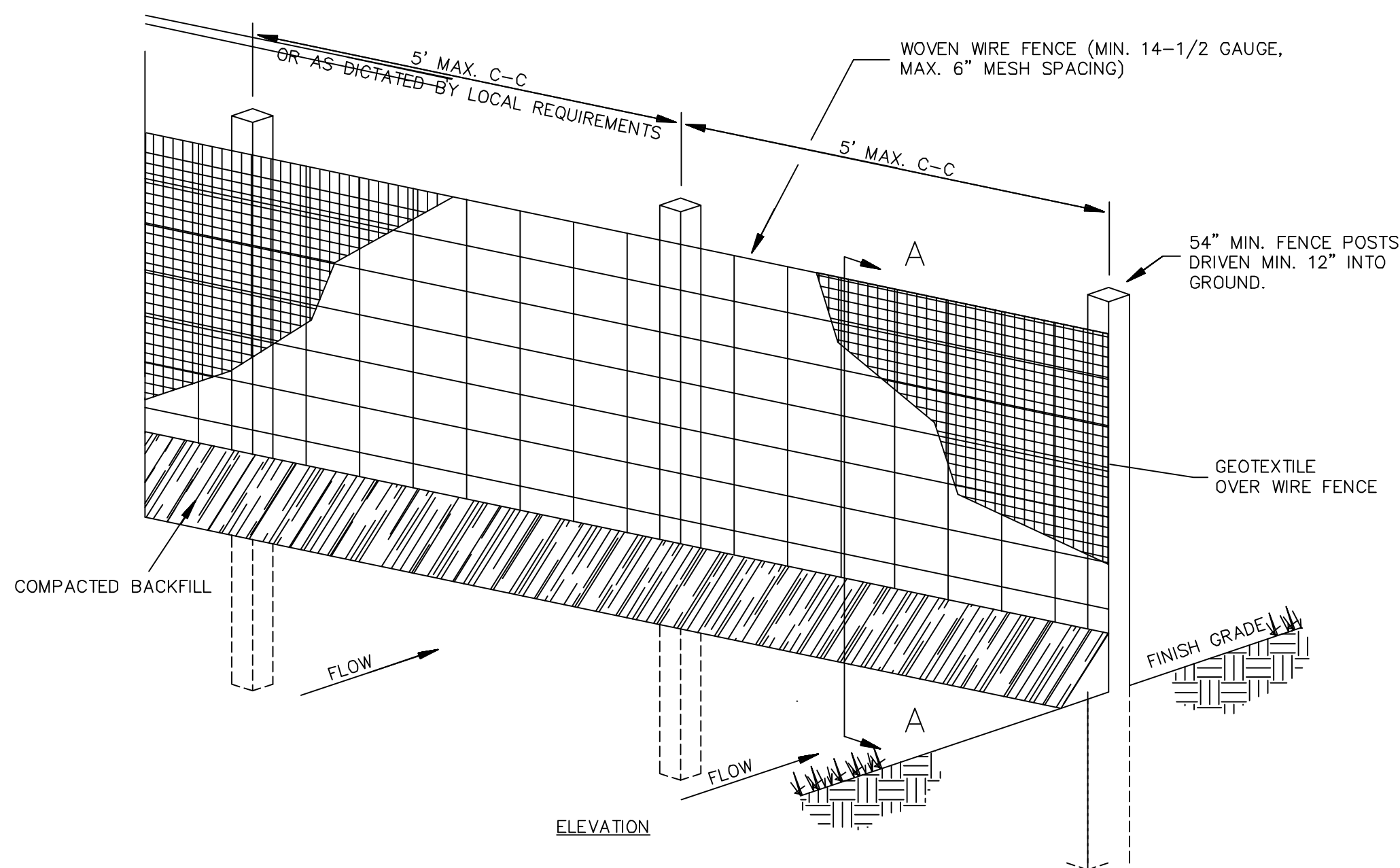




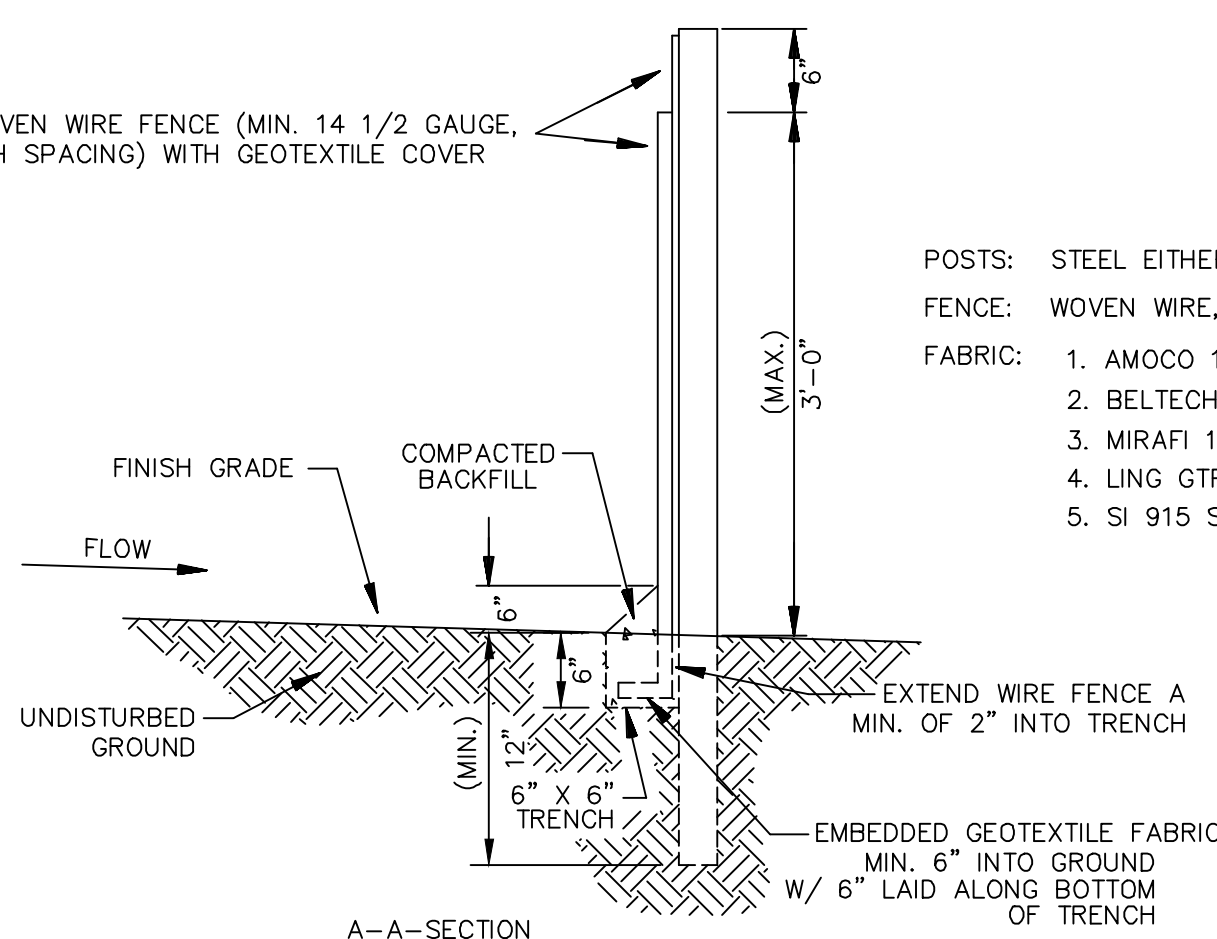




OUTLET (PERSPECTIVE)  
TEMPORARY SEDIMENT TRAP (ST)  
N.T.S.



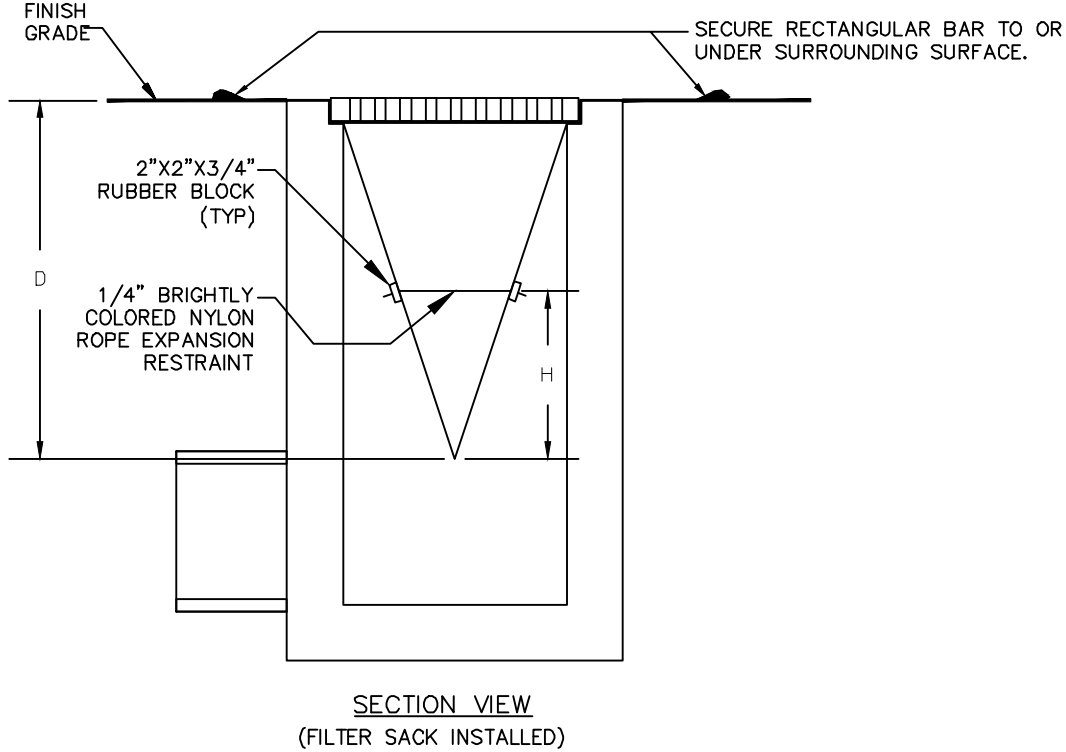
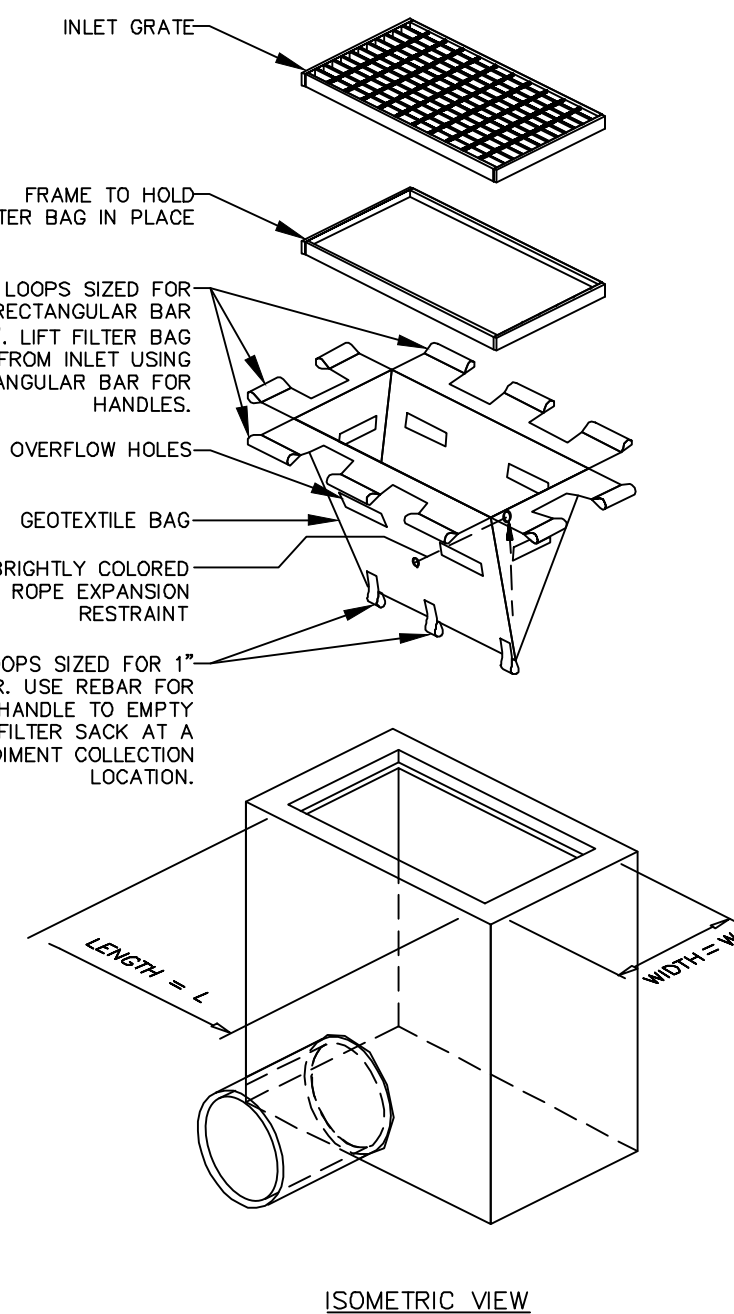
WOVEN WIRE FENCE (MIN. 14-1/2 GAUGE, MAX. 6" MESH SPACING) WITH GEOTEXTILE COVER



- POSTS: STEEL EITHER T OR U TYPE.  
FENCE: WOVEN WIRE, 14-1/2 GA. 6" MAX. MESH OPENING  
FABRIC:
1. AMOCO 1198
  2. BELTECH 810
  3. MIRAFI 130X
  4. LING GTF 190
  5. SI 915 SC

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.



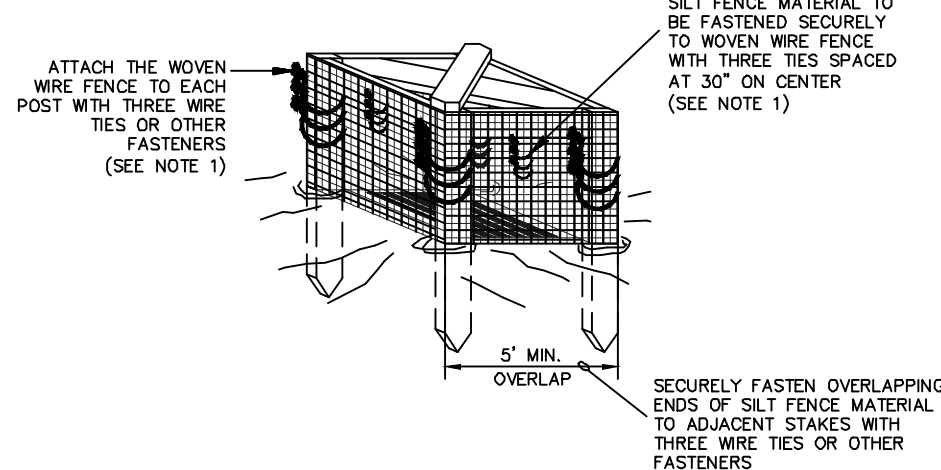
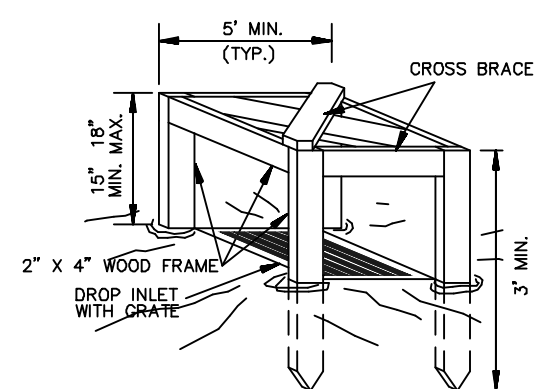
- NOTES:
1. GEOTEXTILE SHALL BE A WOVEN POLYPROPYLENE FABRIC THAT MEETS OR EXCEEDS REQUIREMENTS IN THE SPECIFICATIONS TABLE.
  2. PLACE AN OIL ABSORBENT PAD OR PILLOW OVER INLET GRATE WHEN OIL SPILLS ARE A CONCERN.
  3. THE WIDTH, "W", OF THE FILTER SACK SHALL MATCH THE INSIDE WIDTH OF THE GRATED INLET 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 GEC 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.

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-4633	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/50 FT
PERMITTIVITY	ASTM D-4491	0.55 SEC -1

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-4633	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/50 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.

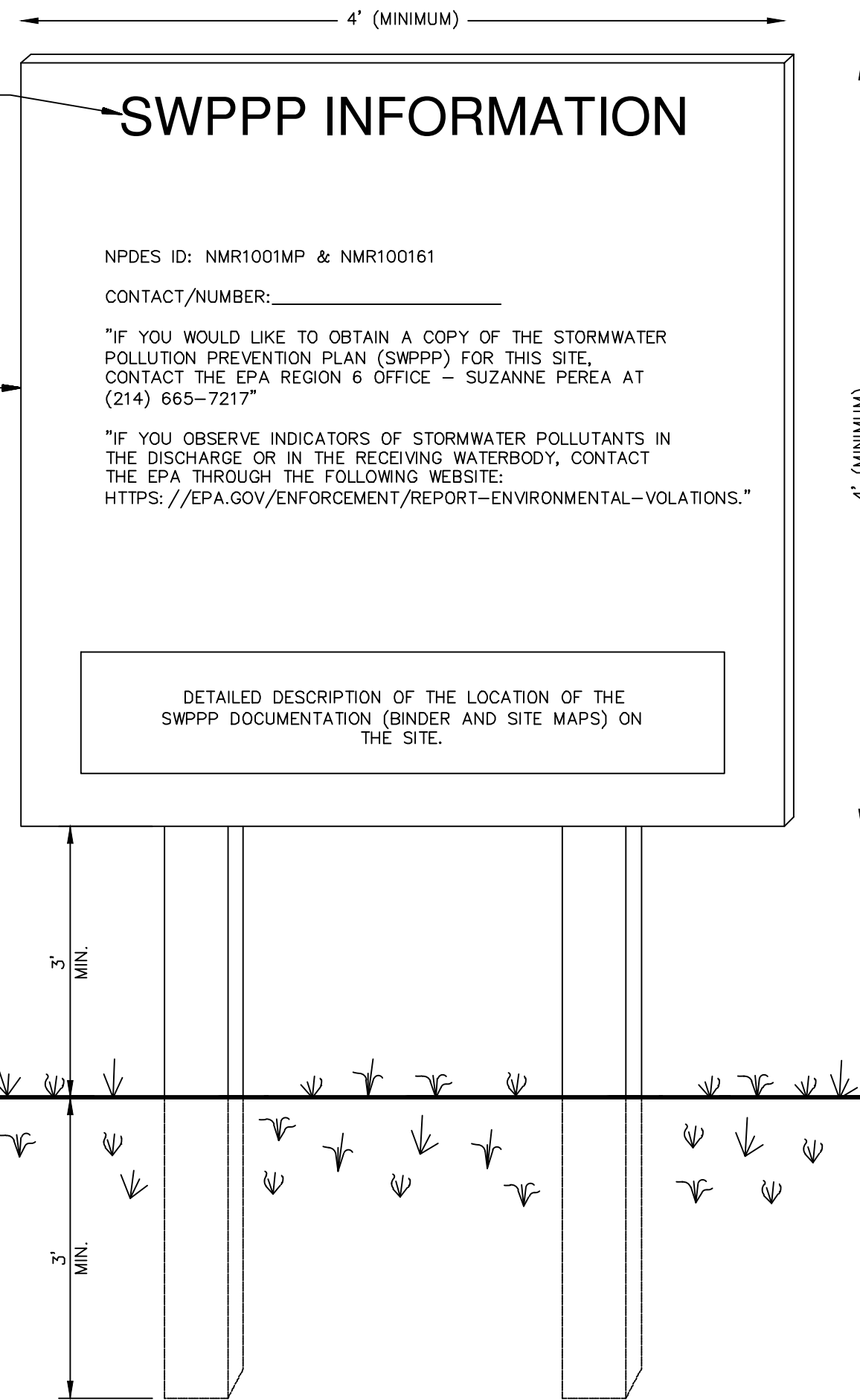


- POSTS: 2 x 4 WOODEN STAKE  
FENCE: WOVEN WIRE, 14-1/2 GA., 6" MAX. MESH OPENING  
FABRIC: IN ACCORDANCE WITH ASTM D 6461 LATEST EDITION.
1. ATTACH THE WOVEN WIRE FENCE TO EACH POST AND THE GEOTEXTILE TO THE WOVEN WIRE FENCE (SPACED EVERY 24") WITH THREE WIRE TIES OR OTHER FASTENERS, ALL SPACED WITHIN THE 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.

"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.).



- NOTES:
- 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.

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

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www.tierrawestllc.com

CITY OF ALBUQUERQUE  
PUBLIC WORKS DEPARTMENT  
ENGINEERING GROUP

TITLE:		GLASS RITE ON VENICE AVENUE EROSION CONTROL DETAILS	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO. 720983		ZONE MAP NO. B-18-Z	
SHEET 12 OF 12		DESIGNED BY: VC DRAWN BY: JL CHECKED BY: RRB	
DATE: APRIL 24, 2023		DATE: APRIL 24, 2023	
JOB NO.: 2022092		DATE: APRIL 24, 2023	