

CONSTRUCTION NOTES:

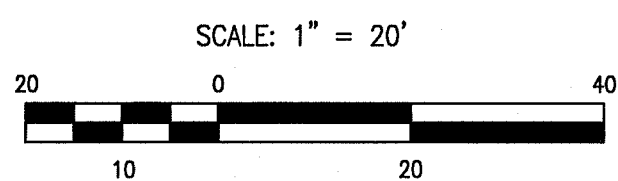
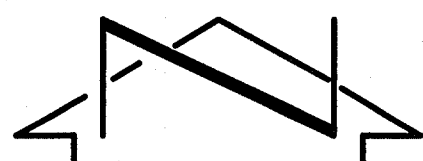
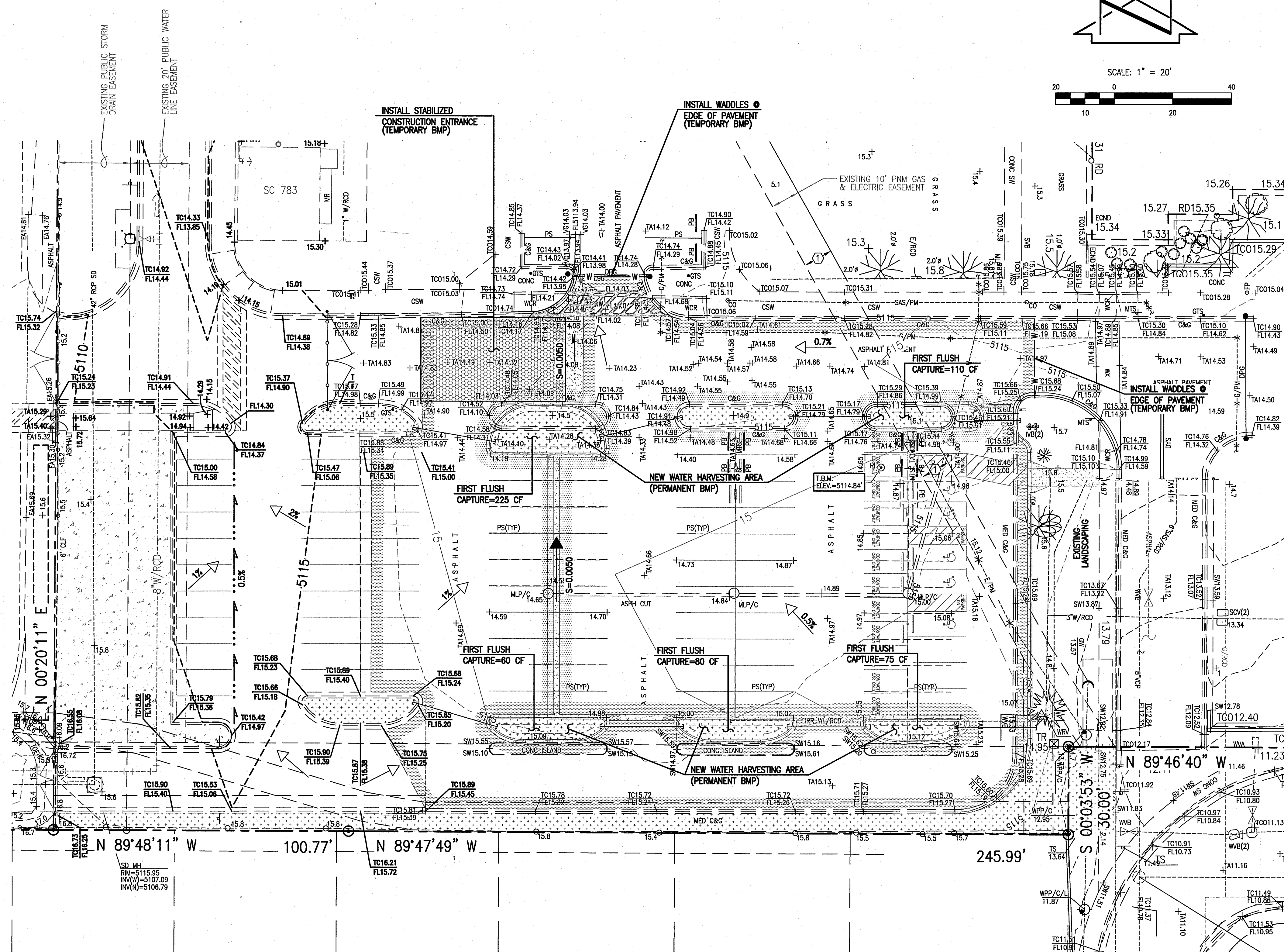
1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM, 811, FOR DESIGNATION (LINE-SPOTTING) OF EXISTING PUBLIC UTILITIES AND EXISTING UTILITIES OWNED AND OPERATED BY ALBUQUERQUE PUBLIC SCHOOLS.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN WRITING SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL INTERPRETATIONS IT MAKES WITHOUT FIRST CONTACTING THE ENGINEER AS REQUIRED ABOVE.
3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION AND SEDIMENT CONTROL MEASURES:

1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY.
2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
3. NO SPOILS FROM THE PROJECT SHALL BE DEPOSITED IN THE STREET.
4. SPOILS SHALL BE STAGED ON THE UPHILL SIDE OF TRENCHES WHEN TRENCHING IS REQUIRED.
5. THE CONTRACTOR SHALL CLEAN AND REMOVE ALL FUGITIVE DUST, SOIL AND DEBRIS RESULTING FROM THIS PROJECT FROM THE STREET AT THE END OF EACH DAY.
6. CONTRACTOR SHALL LEAVE THE AREA IMMEDIATELY BEHIND THE CURB DEPRESSED TO CONTAIN NUISANCE FLOWS AND SEDIMENT.
7. CONCRETE TRUCKS SHALL BE SENT BACK TO THE PLANT FOR WASHING; THE WASHING OF CONCRETE TRUCKS SHALL NOT BE PERMITTED WITHIN THE PUBLIC RIGHT-OF-WAY.
8. WHEN APPLICABLE, CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" FROM THE CITY AND/OR FILE A NOTICE OF INTENT (N.O.I.) WITH THE EPA PRIOR TO BEGINNING CONSTRUCTION.
9. REFER TO LANDSCAPE AND IRRIGATION PLAN (SHEET 10) FOR PERMANENT GROUND COVER CONDITIONS (STABILIZATION).

EROSION CONTROL LEGEND:

	EXISTING FENCE
	CHAIN LINK FENCE WITH SILT FENCE ATTACHED
	WADDLES
	SILT FENCE
	PROPOSED DRAINAGE
	EXISTING DRAINAGE
	EXISTING FLOWLINE
	PROPOSED FLOWLINE
	PROPOSED CONSTRUCTION ENTRANCE
	PROPOSED SILT FENCE INLET PROTECTION
	PROPOSED GRAVEL MULCH
	PROPOSED CRUSHER FINES



NOTE:

THIS IS NOT A BOUNDARY SURVEY; DATA IS SHOWN FOR ORIENTATION ONLY. BOUNDARY INFORMATION DEPICTED BY THIS PLAN IS BASED UPON A BOUNDARY SURVEY PREPARED BY HIGH MESA CONSULTING GROUP (NMPS 11184) DATED 04/29/2010 (2008.187.5). THIS IS NOT A TOPOGRAPHIC SURVEY. EXISTING INFORMATION DEPICTED HEREON IS BASED UPON RECORD DRAWINGS BY HIGH MESA CONSULTING GROUP, NMPE 8547, DATED 10/09/2015 (2009.004.8) AND SUPPLEMENTED BY A PARTIAL TOPOGRAPHIC SURVEY PREPARED BY HIGH MESA CONSULTING GROUP (NMPS 11184) DATED 01/05/2016 (2015.181.9).

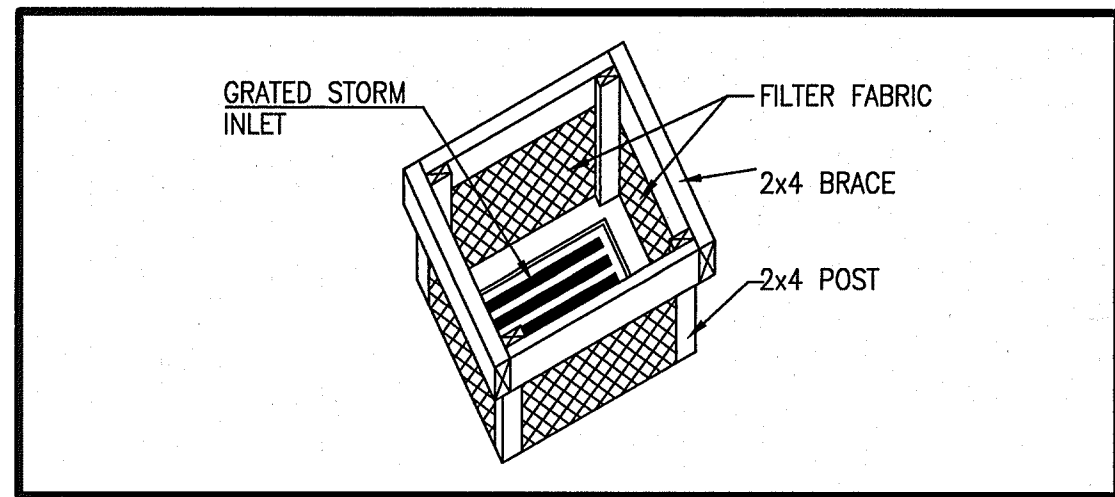
HIGH MESA Consulting Group

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PHONE: 505.345.4250 • FAX: 505.345.4254 • www.highmesacg.com

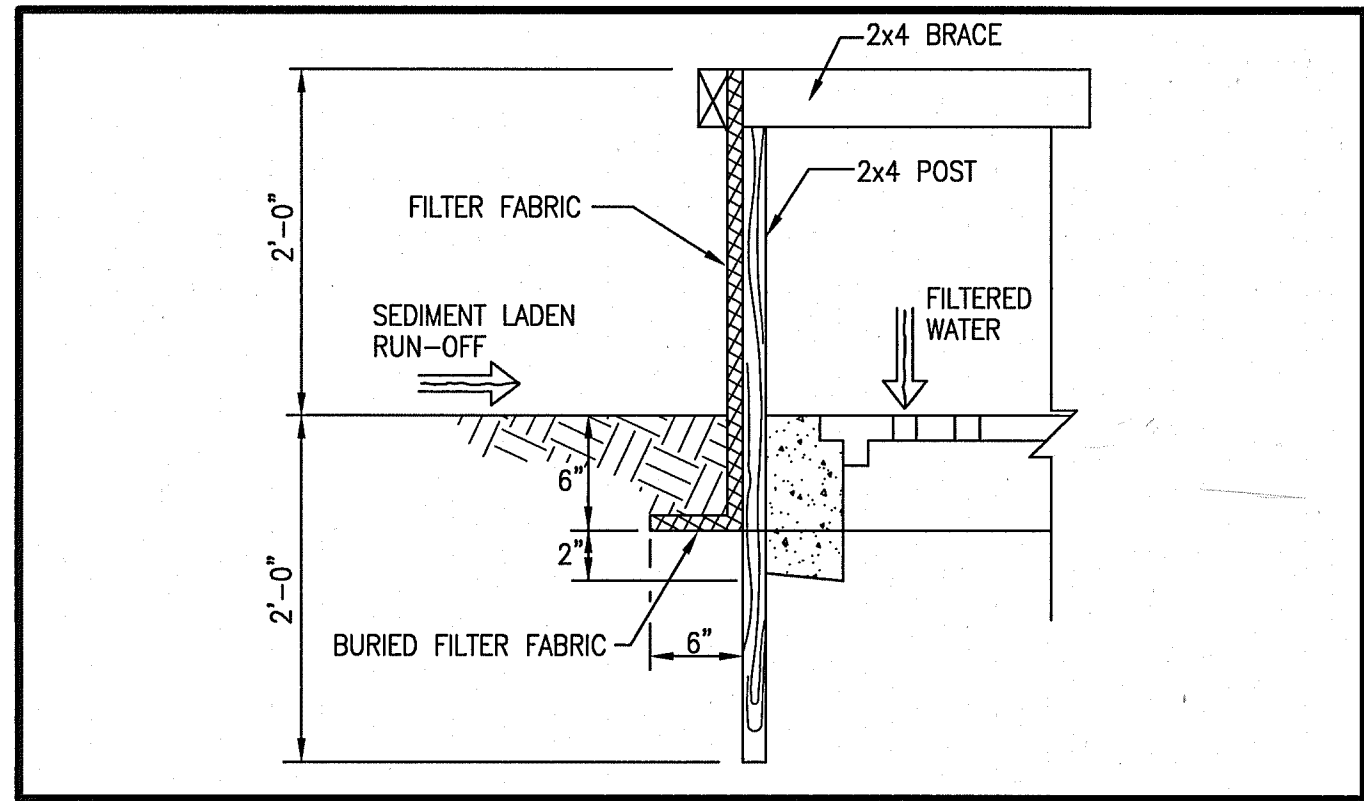
EROSION AND SEDIMENT CONTROL PLAN MAIN PARKING LOT RECONSTRUCTION CHAPARRAL ELEMENTARY SCHOOL

DESIGNED BY	J.G.M.	NO.	DATE	BY	REVISIONS	JOB NO.	2015.182.1
DRAWN BY	S.C.C.					DATE	03-2016
APPROVED BY	G.M.					SHEET	8 OF 10

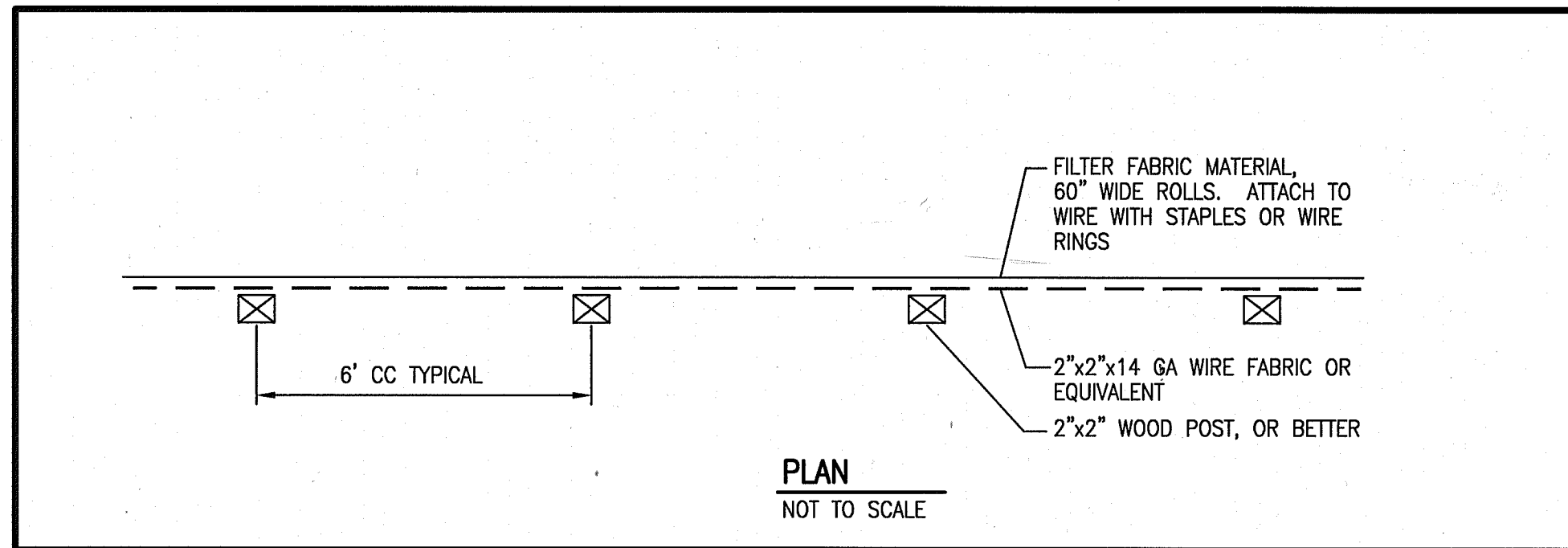
Professional Engineer
J. GRAEME MEANS
13676
03/30/16



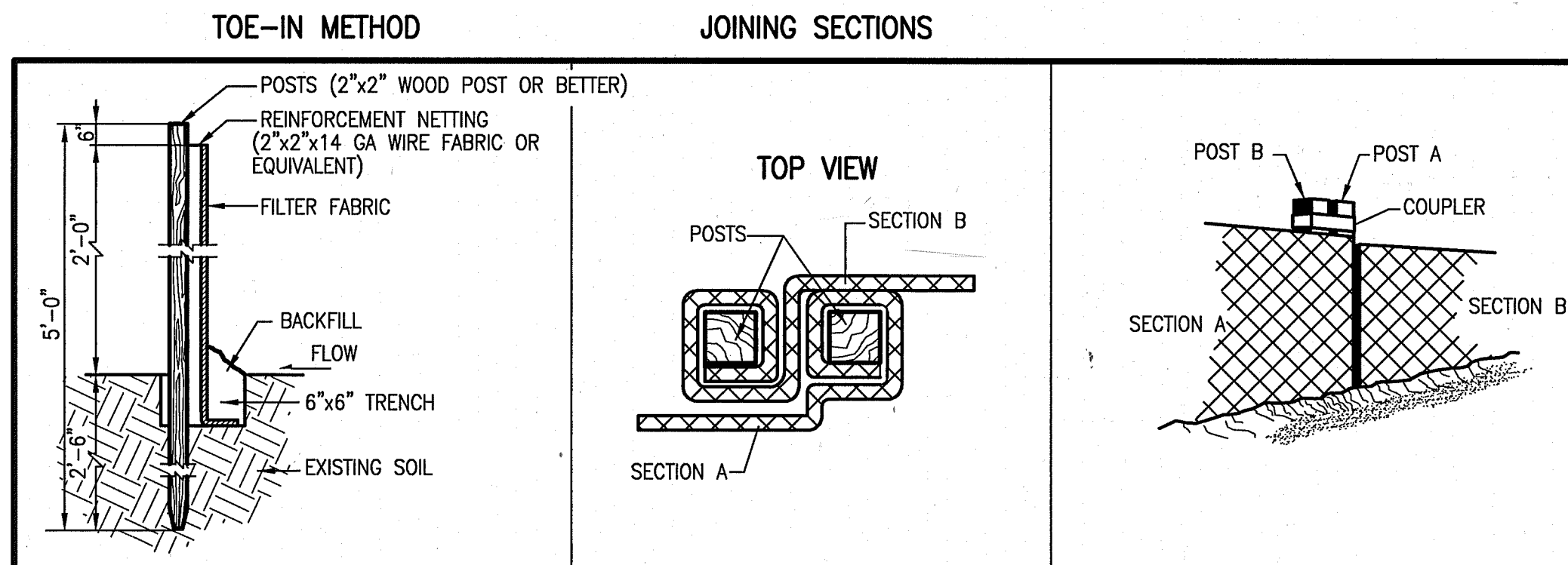
SILT FENCE INLET PROTECTION
NOT TO SCALE
(OPTIONAL BMP)



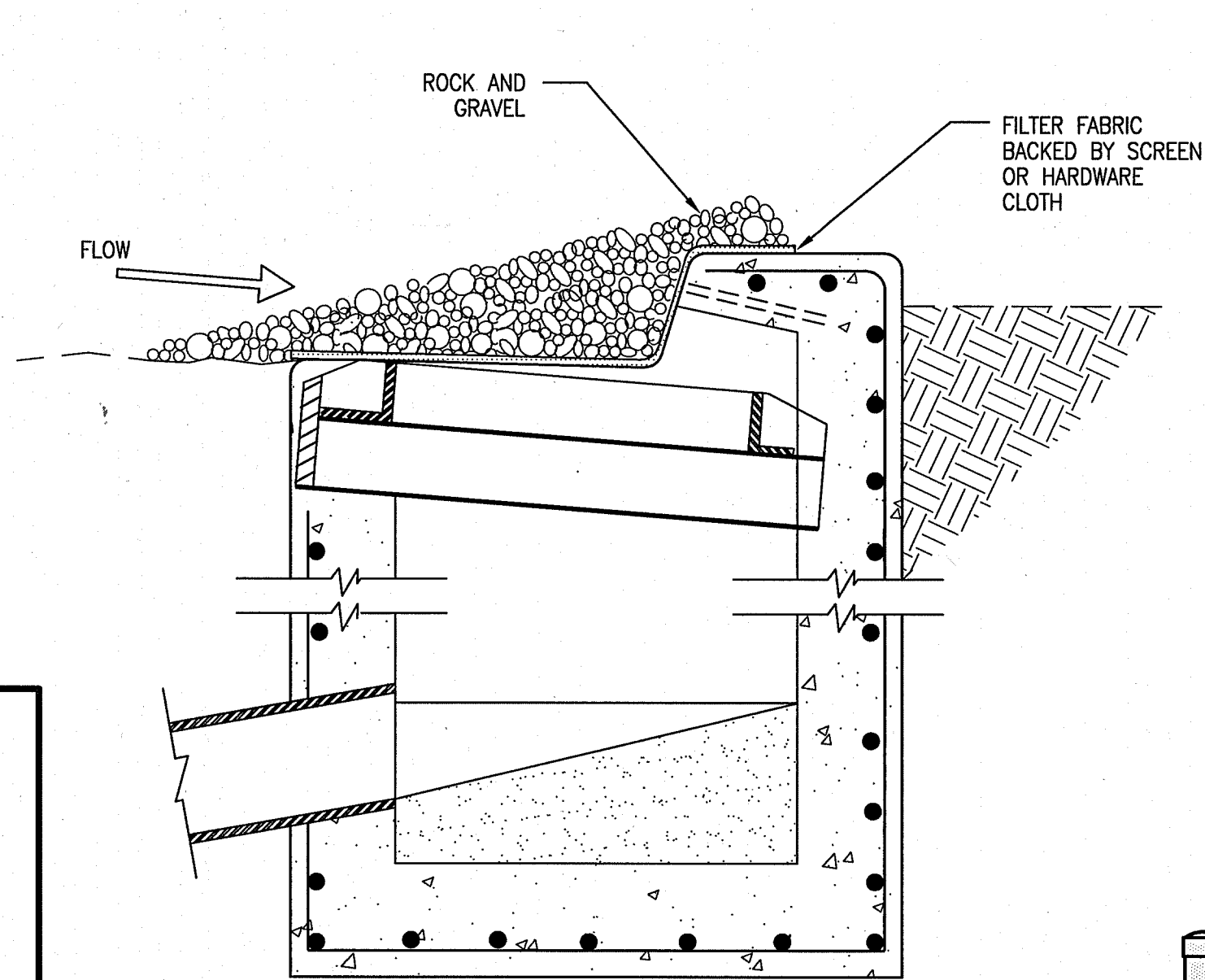
SILT FENCE INLET PROTECTION SECTION
NOT TO SCALE
(OPTIONAL BMP)



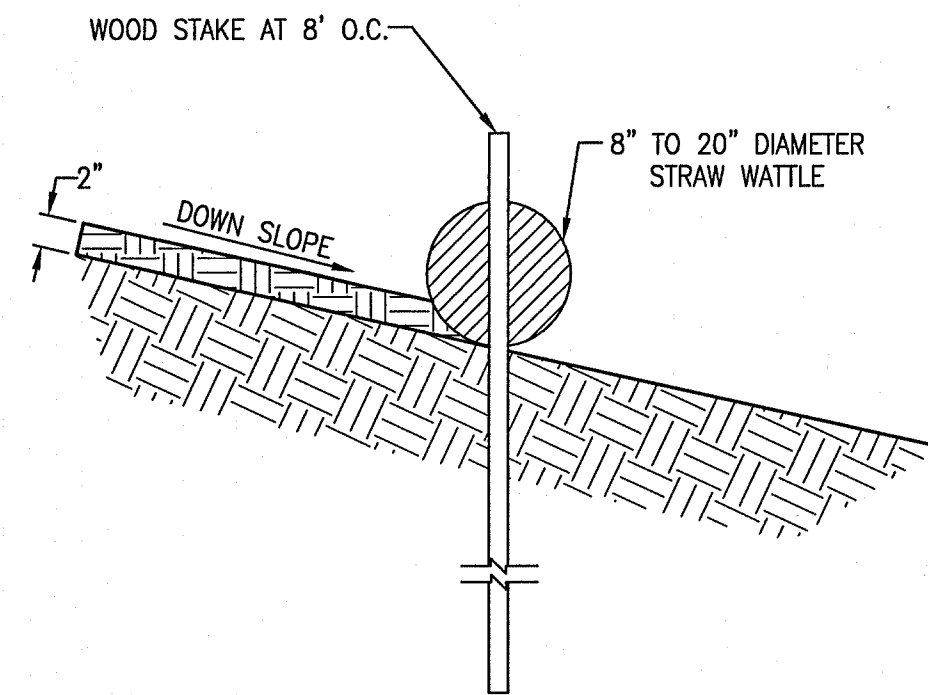
PLAN
NOT TO SCALE



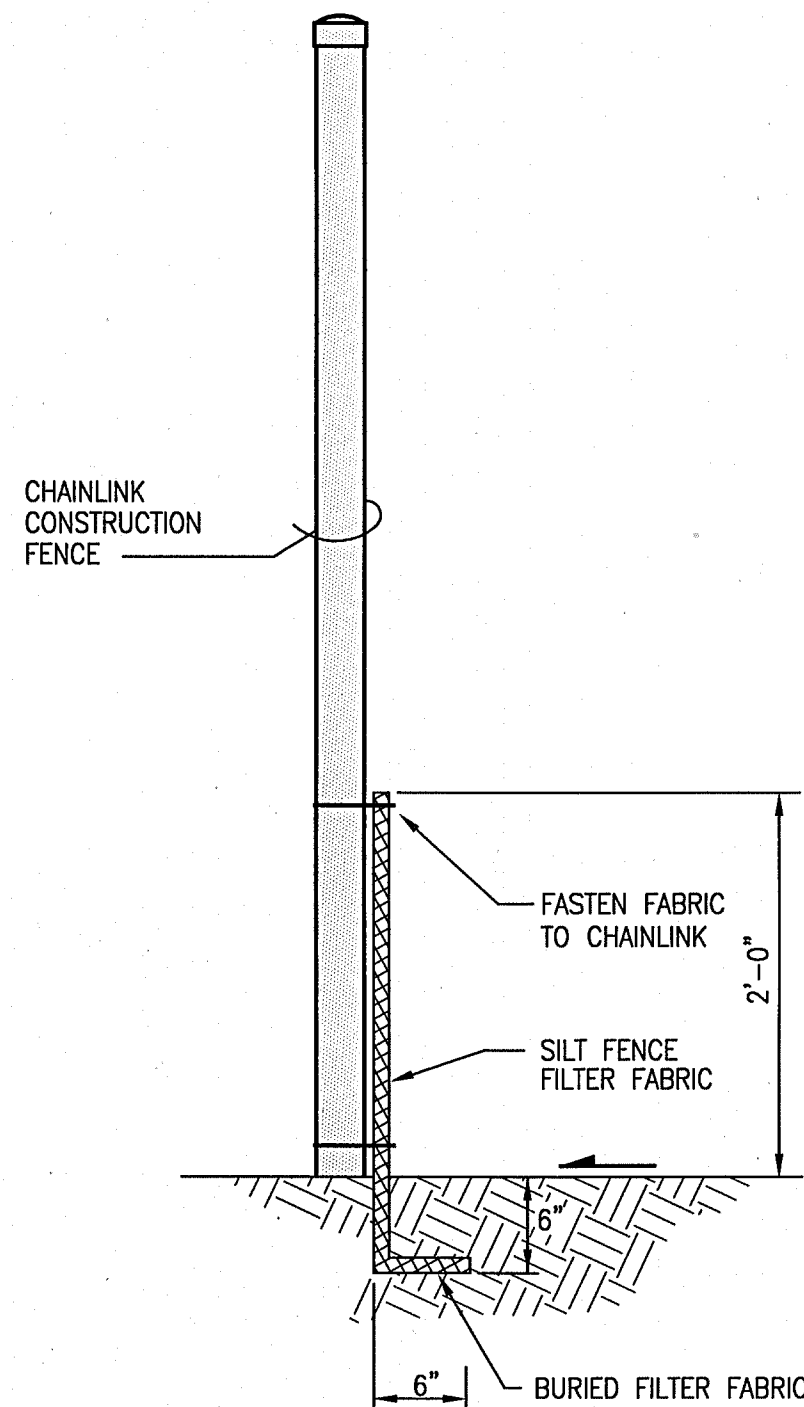
PREFABRICATED SILT FENCE DETAILS
NOT TO SCALE
(OPTIONAL BMP)



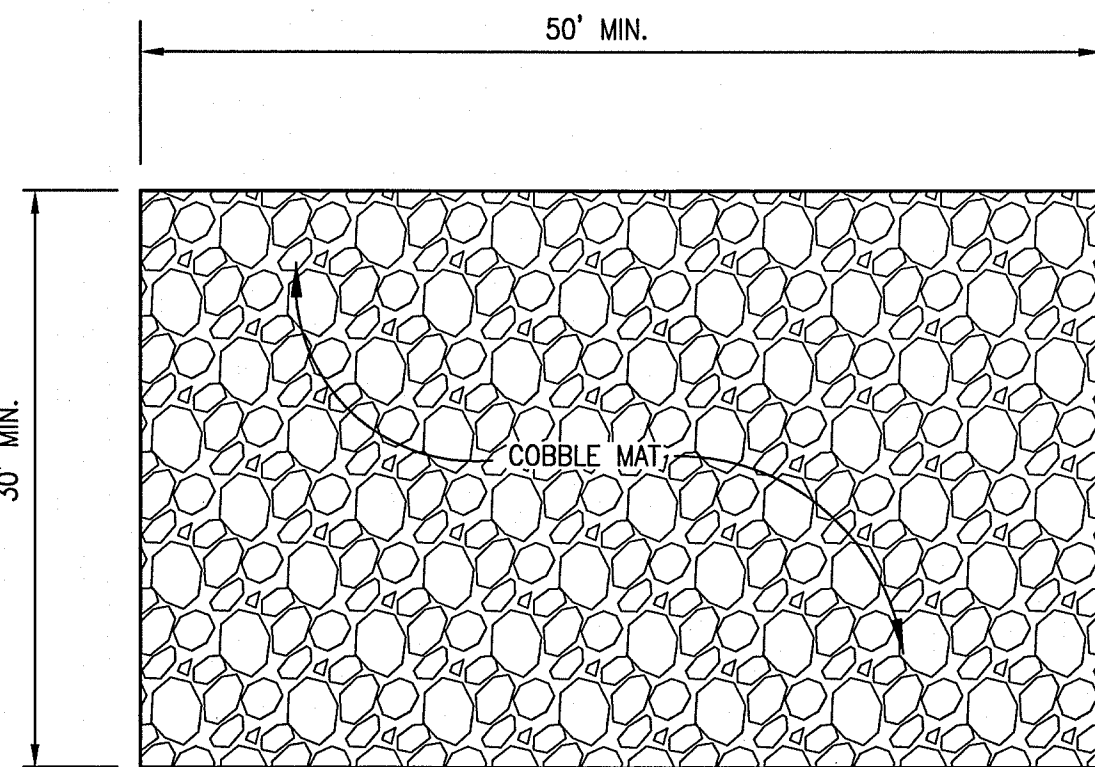
TYPICAL STORM INLET PROTECTION
SCALE: 1" = 1'-0"
(OPTIONAL BMP)



TYPICAL STRAW WATTLE INSTALLATION SECTION
SCALE: 1" = 1'-0"



CONSTRUCTION FENCE/SILT FENCE SECTION
SCALE: 1" = 2'-0"
(OPTIONAL BMP)



PLAN

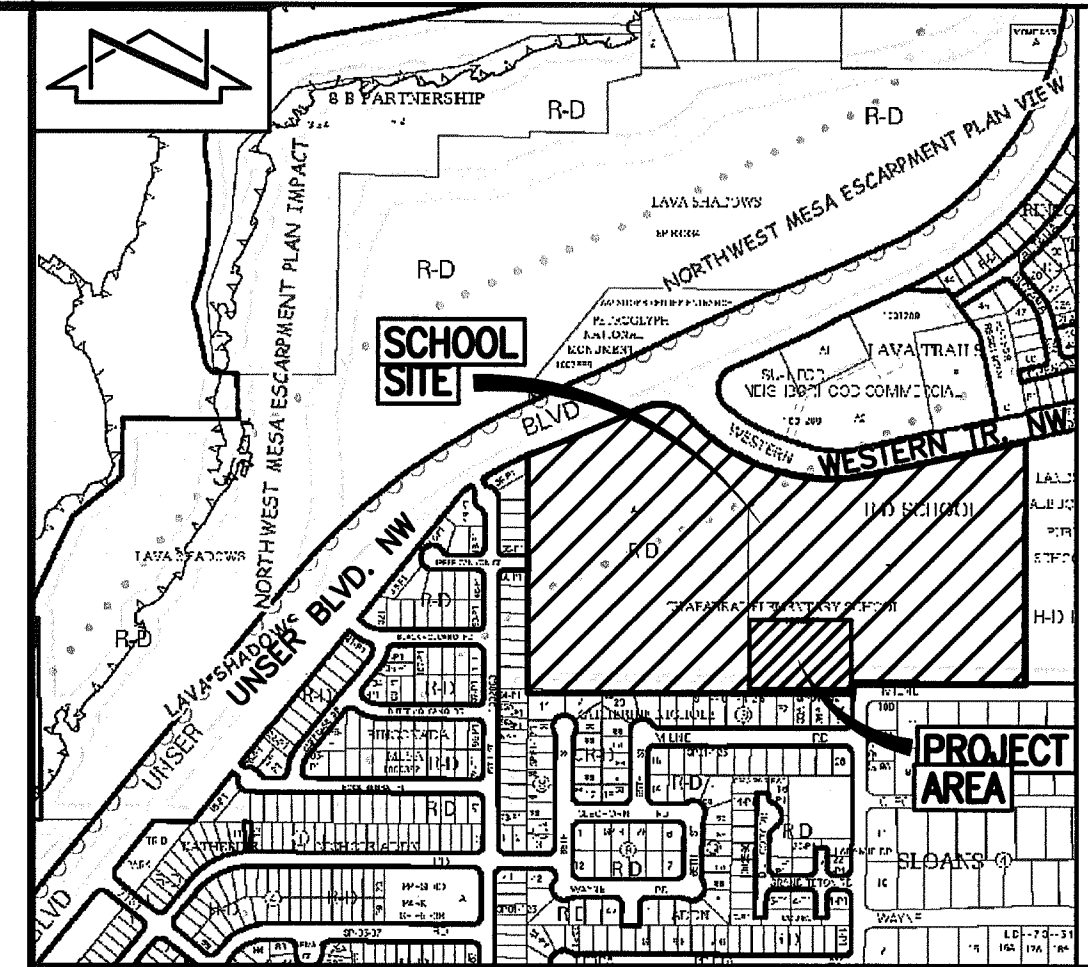
CONSTRUCTION ENTRANCE STABILIZATION
SCALE: 1" = 10'-0" HORIZ.
1" = 2'-0" VERT.

SEED MIX FOR SANDY SOILS

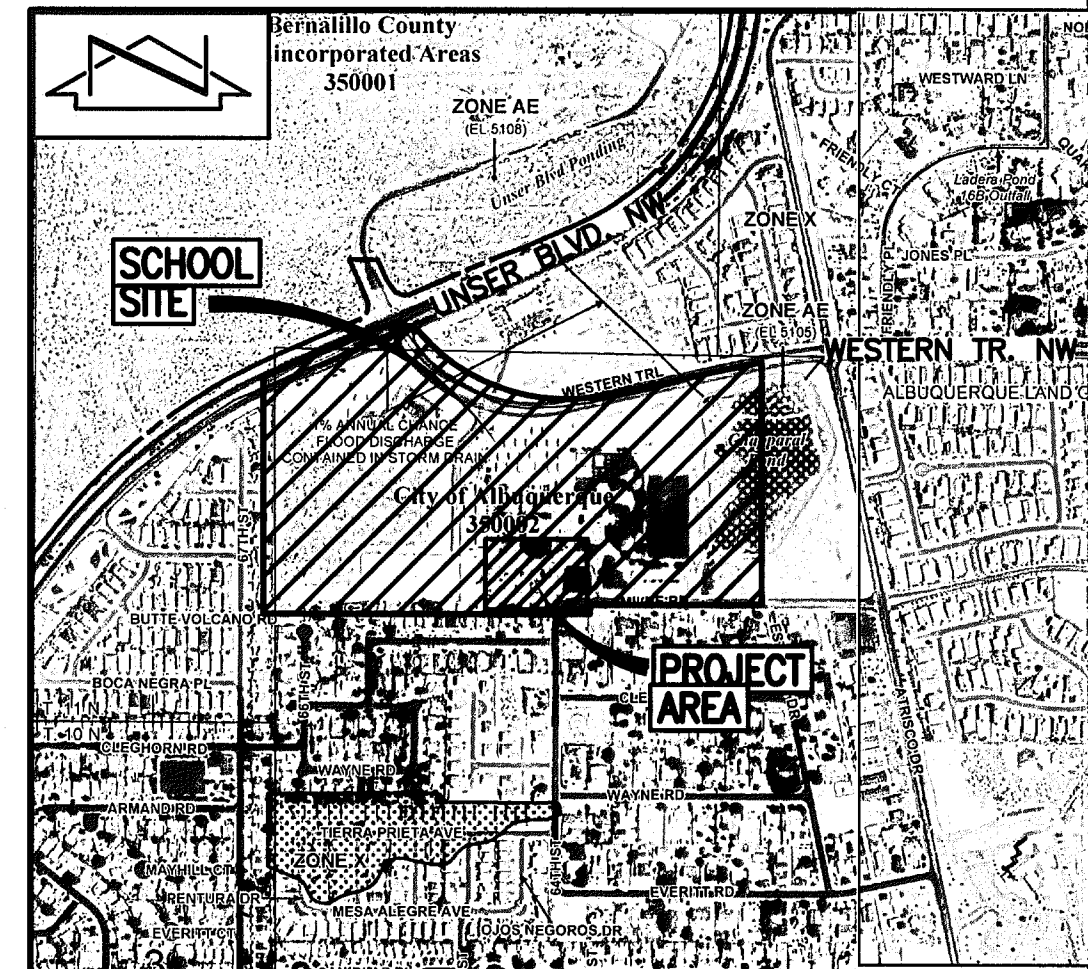
VARIETY/COMMON NAME	GENUS/SPECIES	PLS/ACRE
"PALOMA" INDIAN RICE GRASS	ORYZOPSIS HYMENOIDES	5.0
"VIVA" GALLETIA GRASS	HILARIA JAMESII	1.0
"NINER" SIDE OATS GRAMA	BOUTELOUA CURTIPENDULA	3.0
"HATCHITA" BLUE GRAMA	BOUTELOUA GRACILIS	1.0
SAND DROPSEED (NM REGION)	SPOROBOLUS CRYPTANDRUS	1.0
FOUR-WING SALTBUCH (NM REGION)	ATRIPLEX CANESCENS (DE-WINGED)	1.0
TOTAL RATE:		12.0 LBS/ACRE

EROSION AND SEDIMENT CONTROL PLAN NOTES:

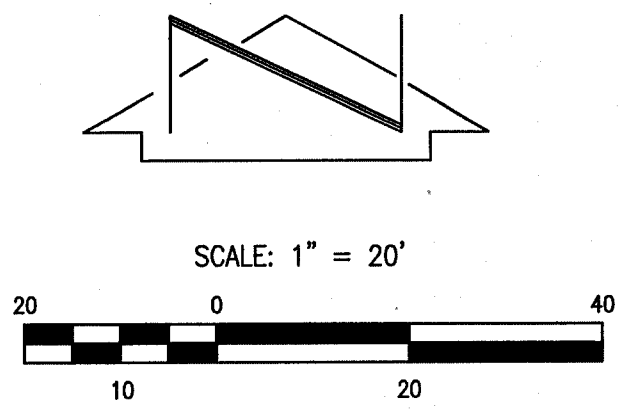
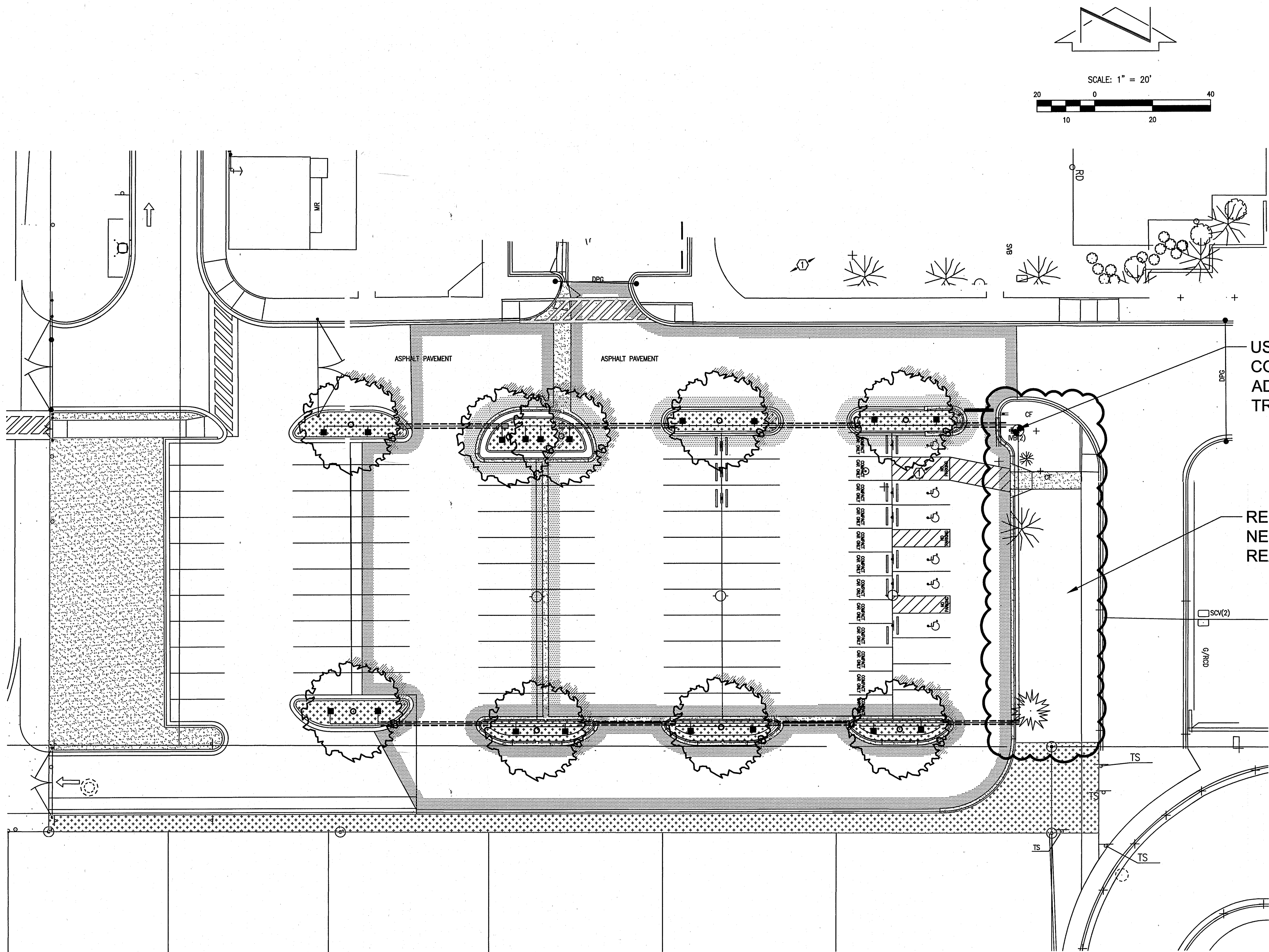
- THIS PLAN ADDRESSES GENERAL AND SPECIFIC MEASURES FOR CONSTRUCTION PHASE EROSION, SEDIMENT AND DUST CONTROL. IT IS INTENDED TO COMPLEMENT THE PROJECT SPECIFIC STORM WATER POLLUTION AND PREVENTION PLAN (SWPPP) PREPARED FOR THIS PROJECT.
- THE CONTRACTOR SHALL SECURE ALL REQUIRED PERMITS BEFORE BEGINNING CONSTRUCTION.
- THE CONTRACTOR SHALL INSTALL ALL PERIMETER BMPs BEFORE BEGINNING CONSTRUCTION.
- REFER TO THE SWPPP PREPARED BY HIGH MESA CONSULTING GROUP (HMC), DATED 04-11-2012 WITH SUBSEQUENT AMENDMENTS FOR PROJECT SPECIFIC PHASING AND INFORMATION. THIS PROJECT SHALL BE IMPLEMENTED IN PHASES TO MINIMIZE THE EXTENT AND DURATION OF SURFACE DISTURBANCE.
- REFER TO THE GRADING AND DRAINAGE PLAN PREPARED BY HMC, DATED 03-30-2016.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR PRIVATE PROPERTY.
- THE CONTRACTOR SHALL PROMPTLY CLEAN-UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- THE CONTRACTOR SHALL IMPLEMENT AND MAINTAIN ALL GOOD HOUSEKEEPING MEASURES OUTLINED IN THE SWPPP INCLUDING, BUT NOT LIMITED TO, DAILY PICKING UP TRASH, LITTER AND CONSTRUCTION DEBRIS.
- THE CONTRACTOR SHALL PROMPTLY REMOVE SEDIMENT ACCUMULATION FROM SILT FENCES AND OTHER STRUCTURAL BMPs WITHIN 48 HOURS OF A RAINFALL EVENT.
- THE CONTRACTOR SHALL IMPLEMENT ONSITE STRUCTURAL EROSION CONTROL MEASURES AS REQUIRED TO COMPLY WITH THE EROSION AND SEDIMENT CONTROL PLAN AND SWPPP. THESE MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO SILT FENCES, EARTHEN DIKES, DRAINAGE DIVERSIONS, SEDIMENT TRAPS, CHECK DAMS, SUBSURFACE DRAINS, PIPE SLOPE DRAINS, LEVEL SPREADERS, STORM WATER RETENTION SYSTEMS, GABIONS AND TEMPORARY OR PERMANENT SEDIMENT DETENTION BASINS. THE FOLLOWING MEASURES ARE PROPOSED FOR THIS PROJECT:
 - PERIMETER SILT FENCE (OPTIONAL)
 - WATTLES
 - STABILIZED CONSTRUCTION ENTRANCE
- THE CONTRACTOR SHALL MINIMIZE OFFSITE VEHICLE TRACKING OF SEDIMENT AND DUST GENERATION.
- CONCRETE TRUCKS SHALL BE SENT BACK TO THE PLANT FOR WASHING; THE WASHING OF CONCRETE TRUCKS SHALL NOT BE PERMITTED ON THIS SITE UNLESS OTHERWISE PROVIDED FOR BY THIS PLAN. IF PROVIDED FOR BY THIS PLAN, CONCRETE TRUCKS MAY ONLY WASH OUT IN A DESIGNATED AND LINED WASHOUT FACILITY.
- OFFSITE MATERIAL STORAGE AREAS USED BY THIS PROJECT ARE CONSIDERED PART OF THE PROJECT AND THEREFORE SUBJECT TO THE REQUIREMENTS OF THE EROSION AND SEDIMENT CONTROL PLAN AND SWPPP.
- UPON COMPLETION OF MASS GRADING, ALL DISTURBED AREAS SHALL BE STABILIZED WITH PERMANENT CONSTRUCTION, LANDSCAPING, VEGETATION AND/OR GRAVEL MULCH. SILT FENCING CAN BE REMOVED UPON SUCCESSFUL ESTABLISHMENT OF VEGETATION.
- THROUGHOUT THE DURATION OF THIS PROJECT, CONTRACTOR SHALL IMPLEMENT, MAINTAIN AND INSPECT ALL BMPs, KEEPING RECORDS OF EACH INSPECTION IN ACCORDANCE WITH THE SWPPP, AND KEEP RECORDS OF THE INSTALLATION MAINTENANCE, AND REMOVAL OF EACH BMP SPECIFIED BY THIS PLAN OR OTHERWISE PROVIDED FOR THROUGHOUT THE LIFE OF THE PROJECT.
- THOSE PORTIONS OF THE COMPLETED PROJECT NOT STABILIZED WITH PERMANENT CONSTRUCTION OR FORMAL LANDSCAPING SHALL BE REVEGETATED WITH NATIVE GRASS SEEDING FOR SANDY SOILS PER THE SEED MIX SPECIFIED HEREON AND SPECIFICATIONS CONTAINED WITHIN THE SWPPP.
- FINAL STABILIZATION OF THE PROJECT SITE WILL CONSIST OF THE FOLLOWING MEASURES:
 - PERMANENT PAVING
 - FORMAL LANDSCAPING
 - GRAVEL MULCH
- TOTAL SITE AREA = 29.80 AC. (BASED ON SWPPP)
- TOTAL DISTURBED AREA = 37,500 SF
- EPA PERMIT NO. NMR12A198



VICINITY MAP
SCALE: 1" = 750'



FIRM MAP
SCALE: 1" = 750'



USE EXISTING 2" REMOTE CONTROL VALVE FOR ADDITIONAL PARKING LOT TREE PLANTINGS

REPAIR LANDSCAPE AREA AS NEEDED DUE TO CURB REALIGNMENT

PLANT LEGEND

SYMBOL	DESCRIPTION
	FRONTIER ELM 2 1/2" CAL.
	7/8" PUEBLO ROSE GRAVEL OVER WEED BARRIER MAT
	PUEBLO ROSE CRUSHER FINES OVER WEED BARRIER MAT

IRRIGATION LEGEND

SYMBOL	DESCRIPTION
	REMOTE CONTROL VALVE ASSEMBLY
	CLASS 200 PVC MAINLINE AND LATERAL SLEEVING
	SCHEDULE 40 PVC LATERAL LINE
	PRESSURE COMPENSATING BUBBLER ASSEMBLY RAINBIRD 1400 SERIES AS FOLLOWS:
	MODEL# GPM PSI
	1402 .50 30

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**LANDSCAPE AND IRRIGATION PLAN
MAIN PARKING LOT RECONSTRUCTION
CHAPARRAL ELEMENTARY SCHOOL**

DESIGNED BY	WLCI	NO.	DATE	BY	REVISIONS	JOB NO.
DRAWN BY	WLCI					2015.182.1
APPROVED BY	WLCI					DATE
						03-2016
						SHEET
						10 OF 10