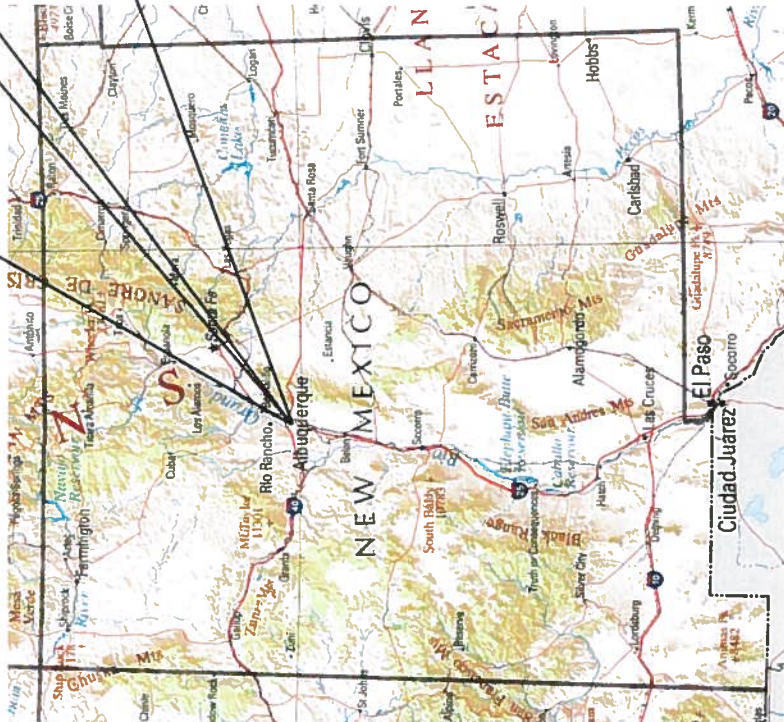
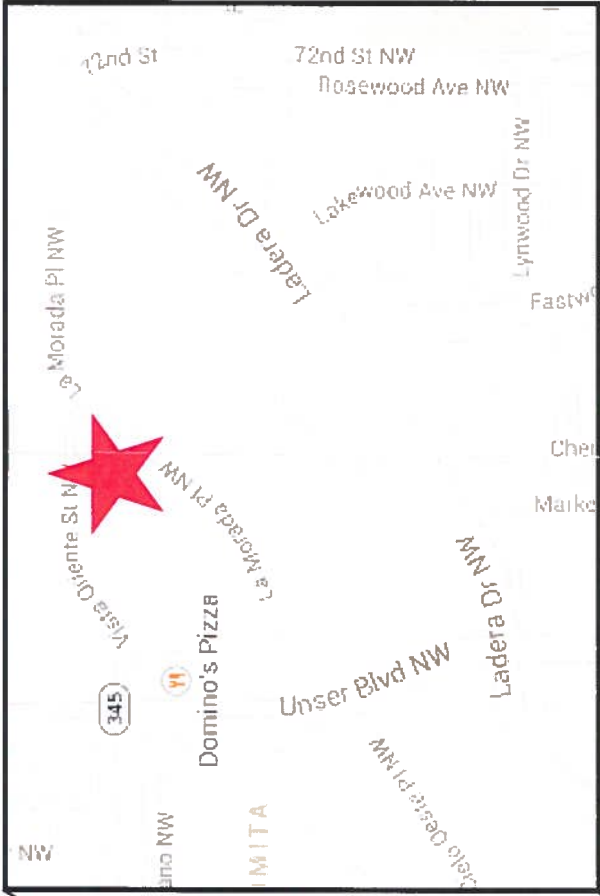


LA MORADA SUBSTATION TEMPORARY SEDIMENT AND EROSION CONTROL DRAWINGS ALBUQUERQUE, BERNALILLO COUNTY, NM

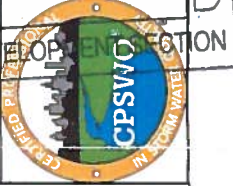
DRAWING INDEX

- 1 COVER SHEET
- 2 BEST MANAGEMENT PRACTICES
- 3 BEST MANAGEMENT PRACTICES
- 4 STORM WATER POLLUTION PREVENTION PLAN

PNMR SERVICES COMPANY
LA MORADA
ALBUQUERQUE, NM
SWPPP



INTEGRATED
ENVIRONMENTAL
CONSTRUCTION
ENGINEERING
E2RC
Design | Comply | Restore

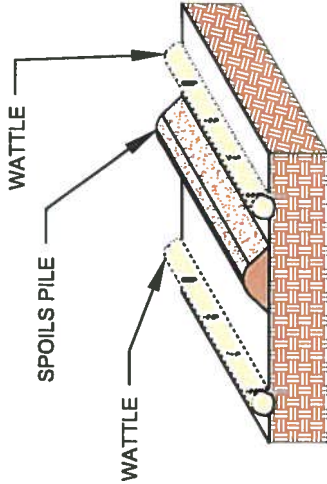


No	Revision	Item	Date
INTEGRATED ENVIRONMENTAL CONSTRUCTION ENGINEERING E2RC Design Comply Restore			
LA MORADA SUBSTATION ALBUQUERQUE, BERNALILLO COUNTY, NM			
COVER SHEET			
DRAWN BY: K. CHAVEZ		REVISION NO: 1	
DATE: 8/14/14			

PLACE WATTLES CONTINUOUSLY ALONG EXTENT OF THE UTILITY TRENCH AND FUTURE LOCATION OF THE SPOILS STOCKPILE, PRIOR TO EXCAVATION OF THE UTILITY.

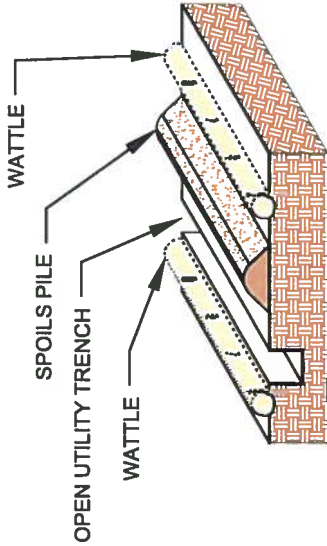
WATTLES ARE TO REMAIN IN PLACE UNTIL UTILITY TRENCH IS BACKFILLED

ONCE TRENCH IS BACKFILLED, WATTLES MAY BE REMOVED AND REUSED IN THE NEXT SECTION OF EXCAVATION PROVIDED THEY ARE IN GOOD CONDITION AND CAPABLE OF STOPPING SEDIMENT.



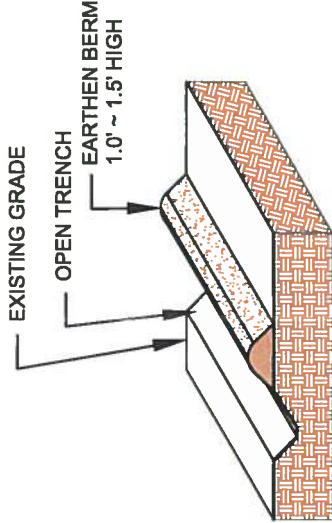
SPOILS PILE PROTECTION

NTS



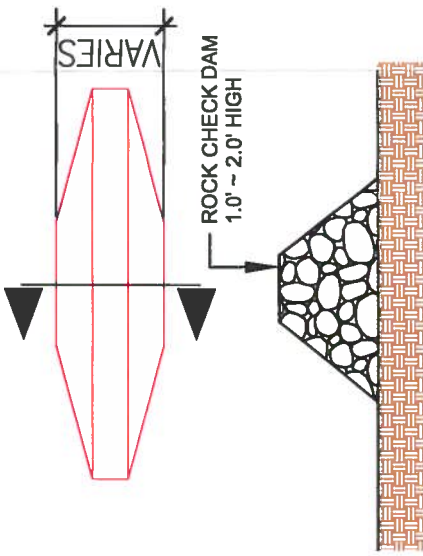
OPEN TRENCH SPOILS PILE PROTECTION

NTS



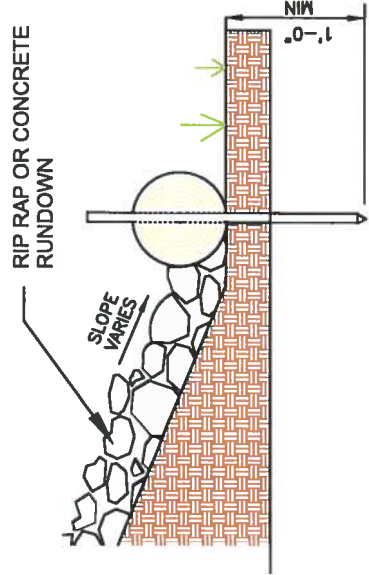
EARTHEN BERM

NTS



ROCK CHECK DAM

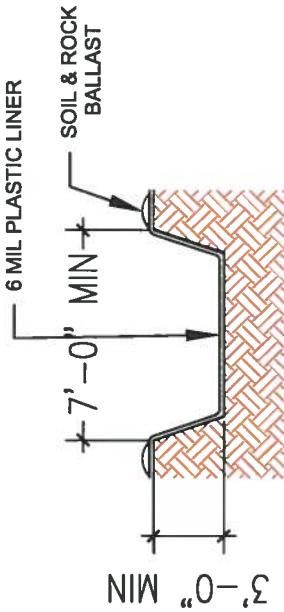
NTS



RUNDOWN DETAIL

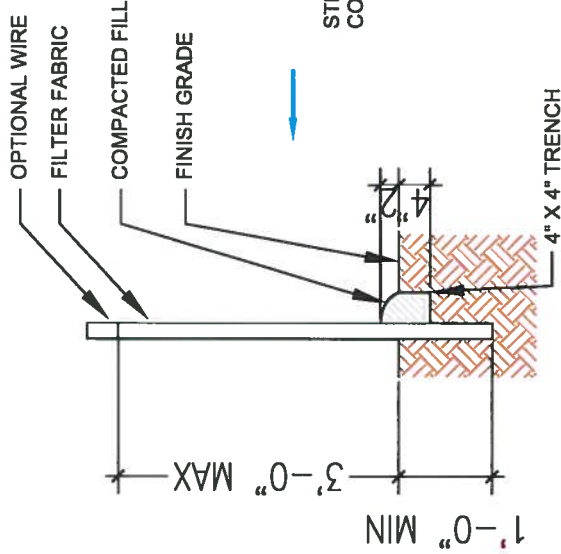
NTS

8' MAX SPACING BETWEEN STAKES



CONCRETE WASHOUT

NTS



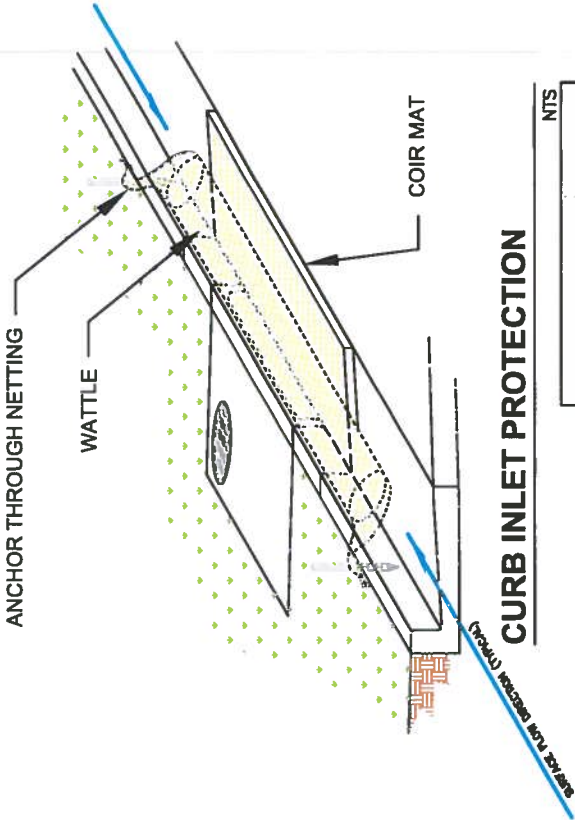
WHEN 2 SECTIONS OF SILT FENCE ADJOIN, OVERLAP 12" MIN AND FOLD BACK.

REGULAR MAINTENANCE SHALL BE PERFORMED IN ACCORDANCE WITH THE SWPPP.

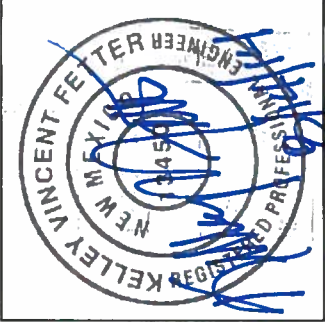
SOILS COLLECTED AT THE SILT FENCE SHALL BE REMOVED WHEN THE SILT FENCE BEGINS TO BULGE.

SILT FENCE

NTS



NTS



No	Revision	Item	Date



Design Comply Restore	
LA MORADA SUBSTATION	
ALBUQUERQUE, BERNALILLO COUNTY, NM	
BEST MANAGEMENT PRACTICES	
K. CHAVEZ	2
10/14/14	

CRUSHED AGGREGATE GREATER THAN 75 MM (3 IN.) BUT SMALLER THAN 150 MM (6 IN.)

SECTION B-B
NOTE: CONSTRUCT SEDIMENT BARRIER AND CHANNELIZE RUNOFF TO SEDIMENT TRAPPING DEVICE

OR FOUR TIMES THE CIRCUMFERENCE OF THE LARGEST CONSTRUCTION VEHICLE TIRE, WHICHEVER IS GREATER.



STABILIZED CONSTRUCTION ENTRANCE

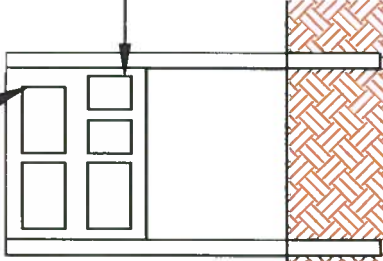
NTS

NPDES POSTING BOARD

NTS

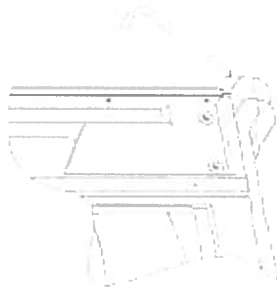
TEMPORARY EROSION AND SEDIMENT CONTROL DRAWINGS

SWPPP NOI



PORTABLE TOILET STAKING

NTS



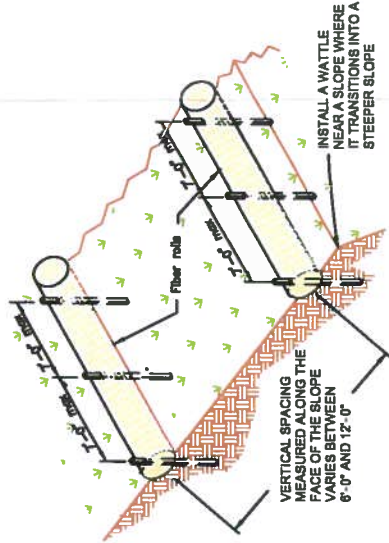
WATTLE INSTALLATION

7' FOR DRAWING ONLY. 8' MAX SPACING BETWEEN STAKES

WATTLE INSTALLATION

8' MAX SPACING BETWEEN STAKES

NOTE: INSTALL WATTLE ALONG A LEVEL CONTOUR



THE NPDES COMPLIANCE SWPPP DRAWING AND ASSOCIATED DOCUMENTATION IS AND SHALL BE CONSIDERED A LIVING DOCUMENT ALLOWING FOR MODIFICATIONS AS SITE CONDITIONS CHANGE OR DICTATE.

ALL SITE FEATURES (EXISTING/ PROPOSED GRADES, EXISTING CONSTRUCTION, FUTURE CONSTRUCTION, ETC.) SHOWN IS PER INFORMATION FROM OTHERS.

THE SWPPP AND MAINTENANCE/INSPECTION REPORTS SHALL BE SIGNED BY A QUALIFIED INSPECTOR AS DESIGNATED BY THE OWNER.

MINIMUM REQUIREMENTS TO FURTHER DEVELOP OR MODIFY THIS STORM WATER POLLUTION PREVENTION PLAN (SWPPP) DRAWING SHALL BE BASED ON THE CURRENT EDITION OF THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (NMSHTD), NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM MANUAL (TEMPORARY EROSION AND SEDIMENT CONTROL PLAN), SECTION 603 OF THE NMSHTD STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (CURRENT SPECIFICATIONS). REFER TO THESE SPECIFICATIONS FOR MATERIAL AND CONSTRUCTION DEFINITIONS.

A NOTICE OF INTENT (NOI) SHALL BE SUBMITTED, POSTED ON THE EPA WEB SITE FOR (14) DAYS AND ACTIVE PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITY. AN ACTIVE NOI SHALL BE POSTED AT THE PROJECT SITE PRIOR TO CONSTRUCTION.

LOCATE TEMPORARY CONCRETE WASHOUT, ANCHORED TOILETS, CONSTRUCTION ENTRANCE, AND PARKING, STAGING, REFUELING, TRASH CONTAINMENT AREA TO MINIMIZE SITE DISTURBANCE DURING CONSTRUCTION ACTIVITY AND MODIFY AS REQUIRED AS PER SITE REQUIREMENTS.

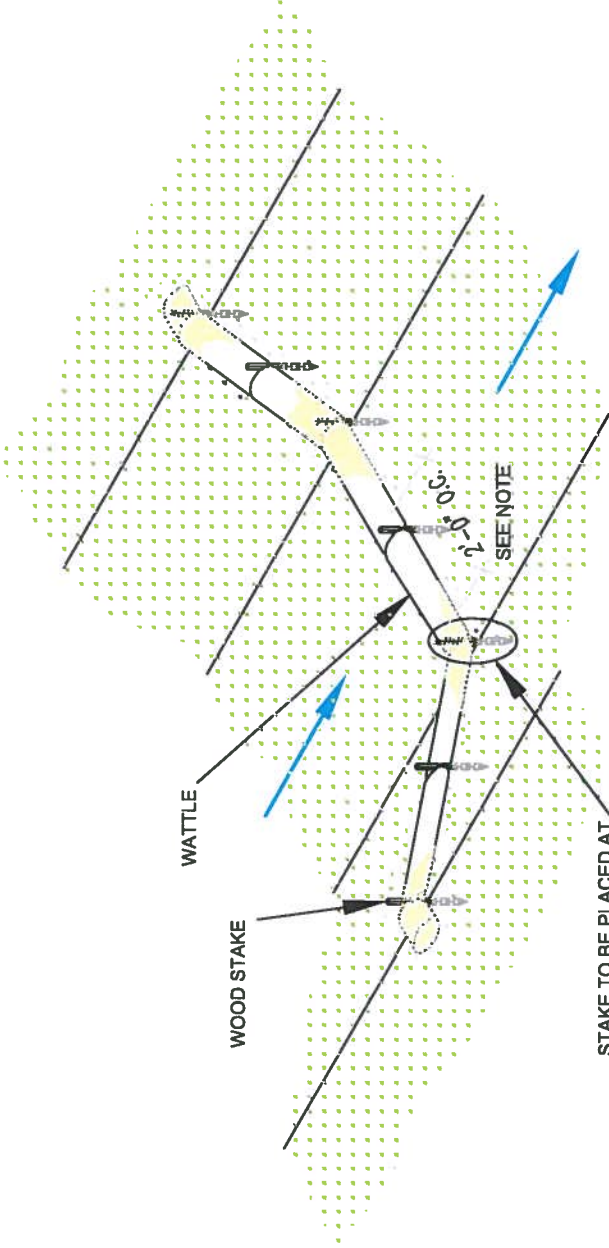
BMP INSTALLATION REQUIRES UPON INSTALLATION, FIELD VERIFICATION OF SAID INSTALLATION AND LOCATION TO BEST APPLY THE INTENT OF THE BMP.

DISTURBED AREAS REMAINING NOT COVERED BY PERMANENT STRUCTURES OR BMPs SHALL BE STABILIZED BY SEEDING OR HYDRO-MULCH CLASS C AND IN ACCORDANCE WITH NEW MEXICO SEED LAY CHAPTER 76, ARTICLE 10, SECTION 11-22 NMSA 1978 PRIOR TO THE NOT FILING.

THE SWPPP DOCUMENTATION AND INSPECTION REPORTS SHALL BE READILY AVAILABLE TO AN EPA REPRESENTATIVE AT ALL TIMES DURING CONSTRUCTION.

PROJECT IS REQUIRED TO MAINTAIN A REGIMENT OF STREET SWEEPING AND CLEAN UP MEASURES IN THE EVENT OF TRACK OUT TO MINIMIZE AND PREVENT OFF SITE CONVEYANCES, DURING CONSTRUCTION PROJECT IS ACCESSIBLE THROUGH MULTIPLE LOCATIONS; THEREFORE MULTIPLE CONSTRUCTION ENTRANCES WITH TRACK OUT MITIGATION MAY BE REQUIRED.

PERMANENT STABILIZATION:
GROUND PREP (DISCING) IF NECESSARY
DRILL SEED
EITHER CRIMPED STRAW (CLA) OR HYDROSEEDING (CLC)



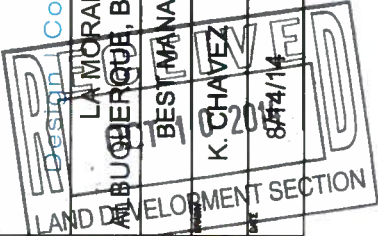
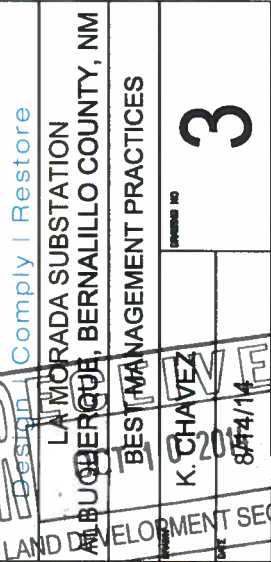
WATTLE WITHOUT BLANKET

NTS

2' FOR DRAWING ONLY. 8' MAX SPACING BETWEEN STAKES

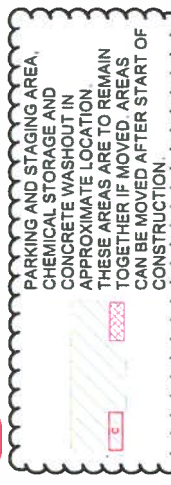
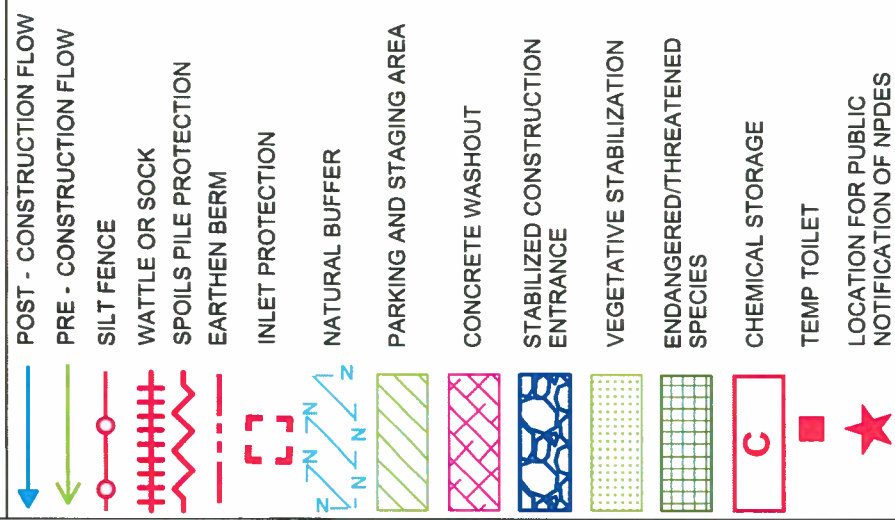
- 1 SPOILS PILE PROTECTION MEASURES ARE APPLIED AS NEEDED AND ONLY IF A SPOILS PILE EXISTS.
- 2 PARKING AND STAGING AREAS ARE LOCATED OFF SITE IF NOT INDICATED ON THIS DRAWING SET.
- 3 ITEMS SHOWN IN THE LEGEND ARE INCLUDED SO THAT ALTERNATIVE BMP'S MAY BE INCORPORATED INTO THE PROJECT AFTER THE INITIAL SET UP, SOME BMP'S SHOWN ARE AVAILABLE BUT NOT NECESSARILY UTILIZED AT THE ONSET OF CONSTRUCTION.
- 4 NATURAL BUFFER WILL BE USED AS THE INITIAL BMP.
- 5 WATTLES AND/OR SILT FENCE ARE ONLY REQUIRED IF THERE IS NO 50 FOOT SECTION OF UNDISTURBED VEGETATION.

No	Revision	Item	Date



3

DATE

[illegible]

Vertrag

LA MORADA SUBSTATION
ALBUQUERQUE, BERNALILLO COUNTY, NM

STORMWATER POLLUTION PREVENTION PLAN

K. CHAVEZ



- 1 SPOILS PILE PROTECTION MEASURES ARE APPLIED AS NEEDED AND ONLY IF A SPOILS PILE EXISTS.
- 2 PARKING AND STAGING AREAS ARE LOCATED OFF SITE IF NOT INDICATED ON THIS DRAWING SET.
- 3 ITEMS SHOWN IN THE LEGEND ARE INCLUDED SO THAT ALTERNATIVE BMP'S MAY BE INCORPORATED INTO THE PROJECT AFTER THE INITIAL SET UP. SOME BMP'S SHOWN ARE AVAILABLE BUT NOT NECESSARILY UTILIZED AT THE ONSET OF CONSTRUCTION.
- 4 NATURAL BUFFER WILL BE USED AS THE INITIAL BMP.
- 5 WATTLES AND/OR SILT FENCE ARE ONLY REQUIRED IF THERE IS NO 50 FOOT SECTION OF UNDISTURBED VEGETATION.