

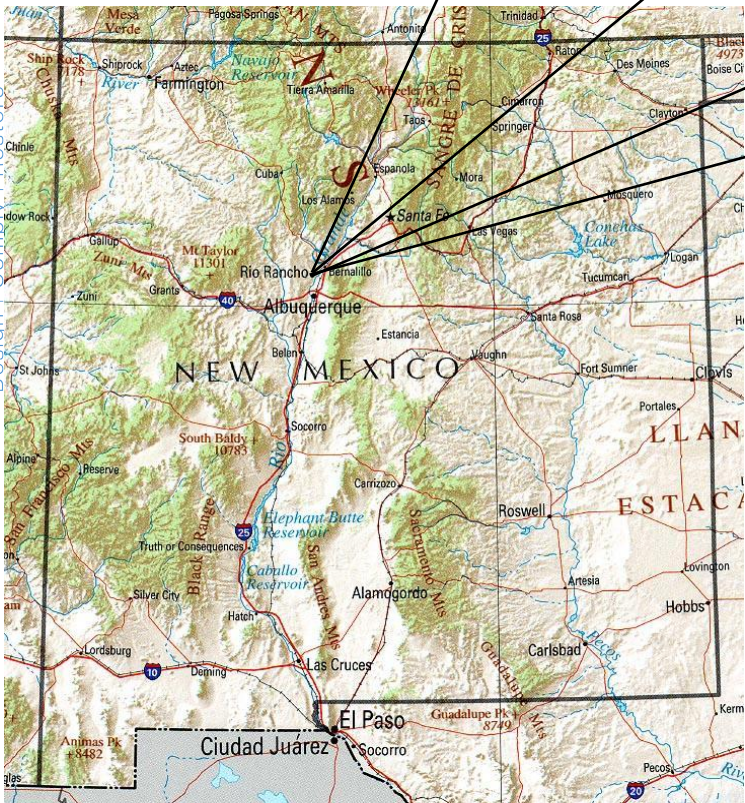
ASCENSION SUBDIVISION

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
- 5 STABILIZATION PLAN



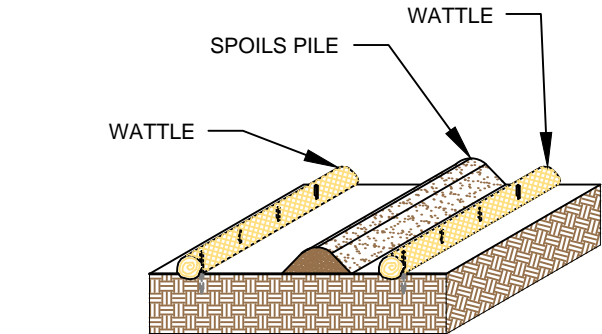
1-27-20

No	Revision	Item	Date
<div><div>E2RC</div><div>INTEGRATED ENVIRONMENTAL CONSTRUCTION ENGINEERING</div><div>Design Comply Restore</div></div>			
ASCENSION SUBDIVISION ALBUQUERQUE, BERNALILLO COUNTY, NM COVER SHEET			
DRAWN C. FETTER PINNEY		DRAWING NO 1	
DATE JANUARY 27, 2020			

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

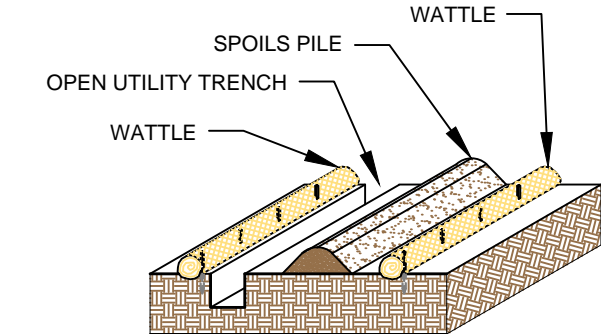
WATTLES ARE TO REMAIN IN PLACE UNTIL UTILITY TRENCH IS BACKFILLED

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.



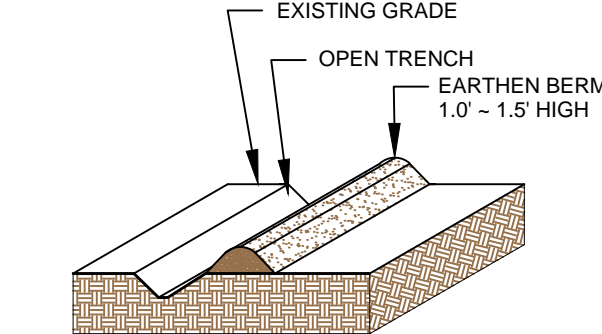
SPOILS PILE PROTECTION

NTS



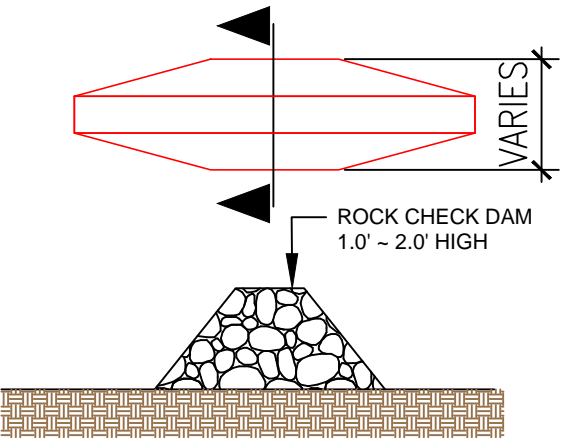
OPEN TRENCH SPOILS PILE PROTECTION

NTS



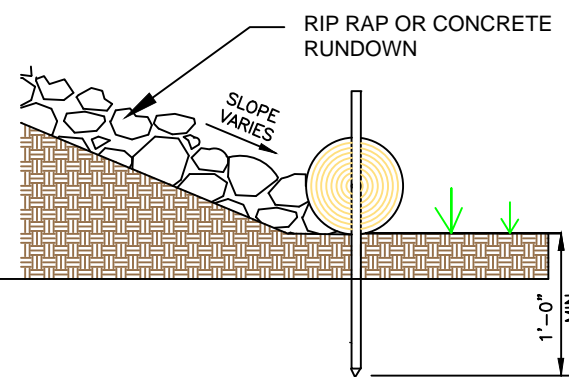
EARTHEN BERM

NTS



ROCK CHECK DAM

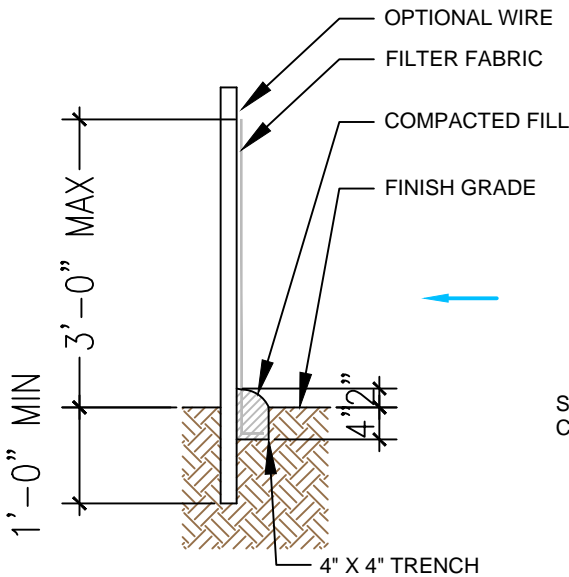
NTS



RUNDOWN DETAIL

NTS

8' MAX SPACING BETWEEN STAKES



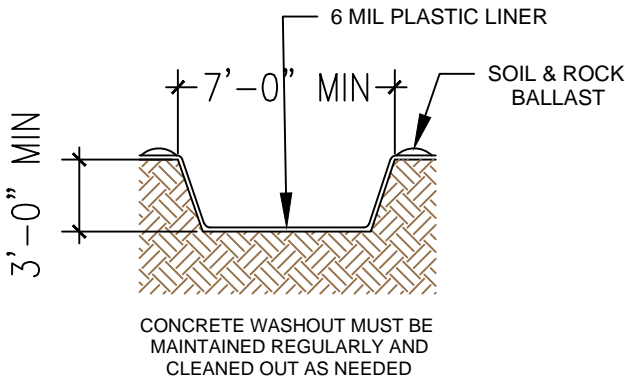
UP TO 10' MAXIMUM POST SPACING
POST MAY BE WOOD OR STEEL ('T' OR 'U' TYPE ACCEPTED)
WHEN 2 SECTIONS OF SILT FENCE ADJOIN, OVERLAP 12" MIN AND FOLD BACK.

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.

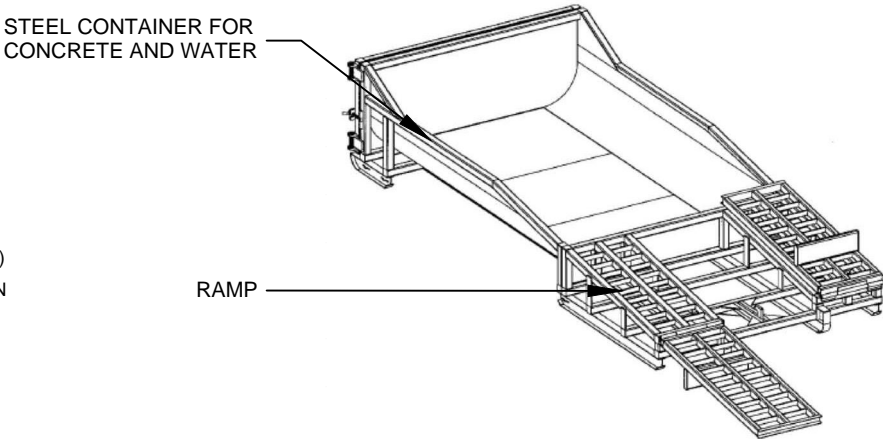
SILT FENCE

NTS



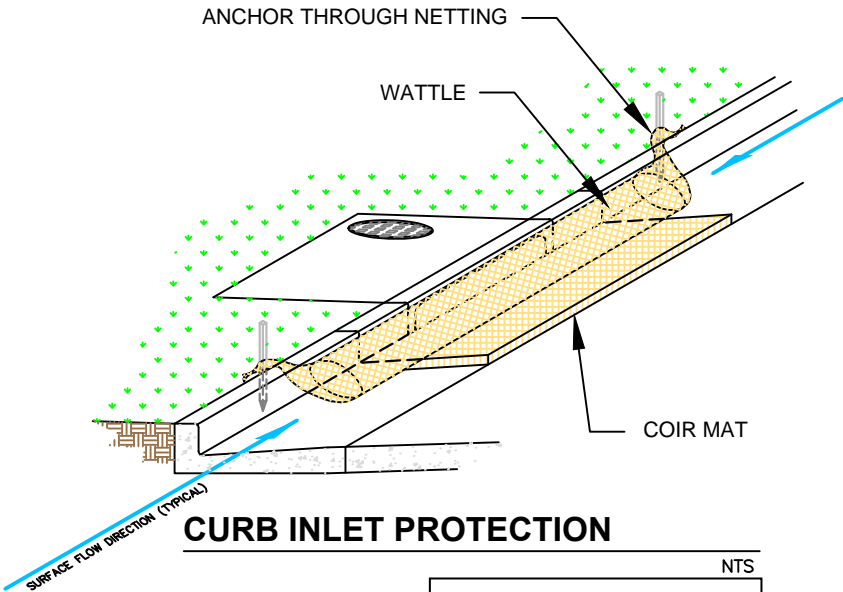
CONCRETE WASHOUT

NTS



MODULAR CONCRETE WASHOUT

NTS



CURB INLET PROTECTION

NTS



1. SPOIL PILE PROTECTION MEASURES ARE APPLIED AS NEEDED AND ONLY IF A SPOILE PILE EXISTS.
2. PARKING AND STAGING AREAS ARE LOCATED OFF SITE IF NOT INDICATED ON THIS DRAWING SET. BMP'S WILL BE PLACED IF AREAS ARE DISTURBED.
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 WHEN APPROPRIATE.
5. WATTLES AND/OR SILT FENCE ARE ONLY REQUIRED IF THERE IS NO 50 FOOT SECTION OF UNDISTURBED VEGETATION.

No	Revision	Item	Date

E2RC INTEGRATED ENVIRONMENTAL CONSTRUCTION ENGINEERING

Design | Comply | Restore

ASCENSION SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

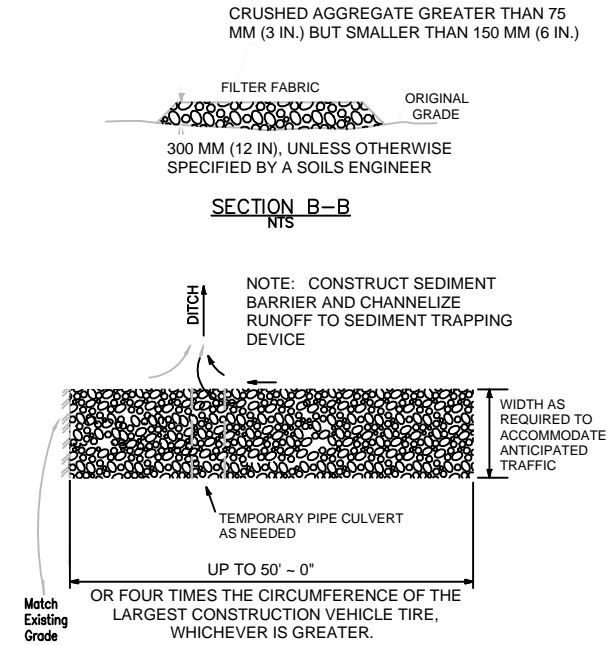
BEST MANAGEMENT PRACTICES

DRAWN
C. FETTER PINNEY
DATE
JANUARY 27, 2020

DRAWING NO

2

1-27-20



STABILIZED CONSTRUCTION ENTRANCE

NTS



NPDES POSTING BOARD

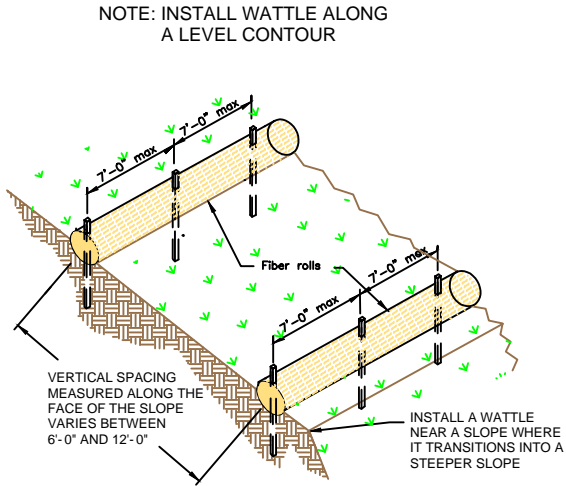
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NPDES Permit must be positioned at the most active part of the project where it can be viewed by the public (e.g. project entrance).



PORTABLE TOILET STAKING

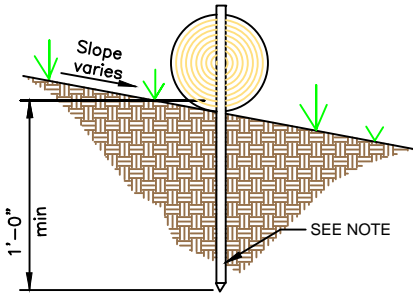
NTS



WATTLE INSTALLATION

NTS

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



WATTLE INSTALLATION

NTS

8' MAX SPACING BETWEEN STAKES

THE NPDES COMPLIANCE SWPPP DRAIING AND ASSOCITAED 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.

MINIMUM REQUIREMENTS TO FURTHER DEVELOP OR MODIFY THIS STORMWATER POLLUTION PREVENTION PLAN (SWPPP) DRAWING SHALL BE BASED ON THE CURRENT EDITION OF THE NEW MEXICO STATE HIGHWAY AND TRANSPORTATION DEPARTMENT (NMSHTD), NPDES LAW AND CITY OF ALBUQUERQUE ORDINANCE § 14-5-2-11.

ALL OPERATORS SHALL SUBMIT A NOTICE OF INTENT (NOI). THE NOI SHALL BE ACTIVE AND POSTED ON THE EPA'S WEBSITE PRIOR TO COMMENCING EARTH DISTURBING ACTIVITIES.

LOCATE TEMPORARY WASHOUT, ANCHORED TOILETS, CONSTRUCTION ENTRANCE AND PARKING, STAGING, REFUELING, TRASH CONTAINMENT AREA TO MINIMIZE SITE DISTURBANCE DURING CONSTRUCTION ACTIVITY.

THE OPERATOR IS REQUIRED TO REGULARLY PERFORM STREET SWEEPING AND CLEAN - UP MEASURES IN THE EVENT OF SEDIMENT TRACK - OUT.

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:

THE CITY ORDINANCE § 14-5-2-11, THE ESC ORDINANCE;
THE EPA'S 2017 CONSTRUCTION GENERAL PERMIT (CGP);

ALL TEMPORARY SEDIMENT AND EROSION CONTROL MEASURES MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMPS 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 BMPS AND PRIOR TO BEGINNING CONSTRUCTION.

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 EVEN OF 1/4 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY OF ALBUQUERQUE. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE. INSPECTION REPORTS SHALL BE KEPT ELECTRONICALLY OR HARD COPY.

BMPS SHALL BE INSPECTED AND MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED. UNLESS OTHERWISE SPECIFIED, NATIVE GRASS SEEDING AND MULCH PER COA STD 1012 IS REQUIRED FOR FINAL STABILIZATION PRIOR TO REMOVAL OF BMPS AND DISCONTINUATION OF INSPECTIONS.

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5. WATTLES AND/OR SILT FENCE ARE ONLY REQUIRED IF THERE IS NO 50 FOOT SECTION OF UNDISTURBED VEGETATION.

No	Revision	Item	Date

E2RC INTEGRATED ENVIRONMENTAL CONSTRUCTION ENGINEERING

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ASCENSION SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

BEST MANAGEMENT PRACTICES

DRAWN
C. FETTER PINNEY

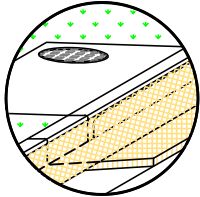
DATE
JANUARY 27, 2020

DRAWING NO

3

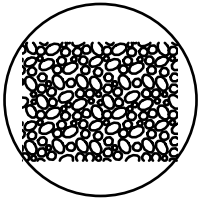


IMPLEMENTATION	
BMP INSTALL	BMP REMOVE
FINAL STABILIZATION	



INLET PROTECTION

IMPLEMENTATION	
BMP INSTALL	BMP REMOVE
FINAL STABILIZATION	



STABILIZED CONSTRUCTION ENTRANCE

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6. RECEIVING WATER = INTERMITTENT STREAMBED/RIVERINE' 0 MILES FROM THE SITE, NORHT DIVERSION CHANNEL; 0.02 MILES FROM THE SITE
7. GPS COORDINATES = 35.189731, -106.01514
8. DISTURBED AREA = 7.75 ACRES
9. ENDANGERED SPECIES = YELLOW-BILLED CUCKOO; 1.19 AND RIO GRANDE SILVERY MINNOW; 1.66

LEGEND

- POST - CONSTRUCTION FLOW
- PRE - CONSTRUCTION FLOW
- SILT FENCE
- WATTLE OR SOCK
- SPOILS PILE PROTECTION
- EARTHEN BERM
- INLET PROTECTION
- NATURAL BUFFER
- PARKING AND STAGING AREA
- CONCRETE WASHOUT
- STABILIZED CONSTRUCTION ENTRANCE
- VEGETATIVE STABILIZATION
- ENDANGERED/THREATENED SPECIES
- C
- TEMP TOILET
- LOCATION FOR PUBLIC NOTIFICATION OF NPDES
- PROJECT BOUNDARY
- DISTURBED AREA
- B-B-B-
- PROJECT AND DISTURBED BOUNDARY
- CHECK DAM

PARKING AND STAGING AREA, CHEMICAL STORAGE AND CONCRETE WASHOUT IN APPROXIMATE LOCATION. THESE AREAS ARE TO REMAIN TOGETHER IF MOVED. AREAS CAN BE MOVED AFTER START OF CONSTRUCTION.

No	Revision	Item	Date

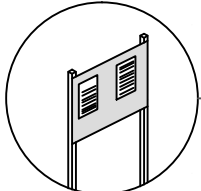


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ASCENSION SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

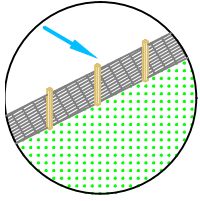
STORMWATER POLLUTION PREVENTION PLAN

DRAWN C. FETTER PINNEY	DRAWING NO 4
DATE JANUARY 27, 2020	



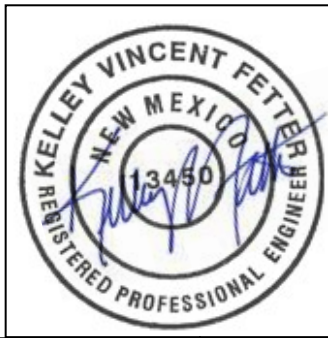
NPDES PERMITTING

IMPLEMENTATION	
BMP INSTALL	BMP REMOVE
FINAL STABILIZATION	



SILT FENCE

IMPLEMENTATION	
BMP INSTALL	BMP REMOVE
FINAL STABILIZATION	




1-27-20

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INTEGRATED
ENVIRONMENTAL
CONSTRUCTION
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ASCENSION SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

STABILIZATION PLAN

DRAWN C. FETTER PINNEY	DRAWING NO 5
DATE JANUARY 27, 2020	

MASS GRADING STABILIZATION
IS SOIL STABILIZER WITH
VERTICAL CONSTRUCTION TO
FOLLOW.

PAVED ROADWAY



1-27-20