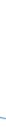


VIRGIL GIL CONSTRUCTION
VILLA SENDEROS SUBDIVISION
ALBUQUERQUE, NM
SWPPP




E2RC
INTEGRATED
ENVIRONMENTAL
CONSTRUCTION
ENGINEERING

-



No	Revision	Item	Date



E2RC

INTEGRATED
ENVIRONMENTAL
CONSTRUCTION
ENGINEERING

Design | Comply | Restore

VILLA SENDEROS SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

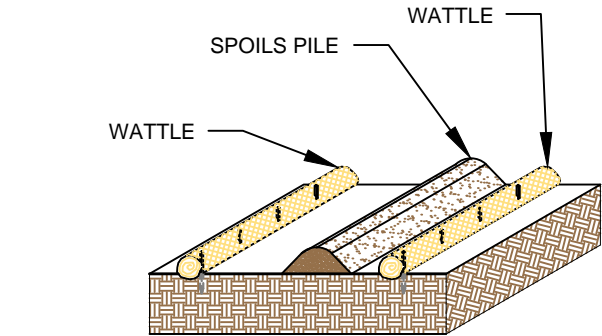
COVER SHEET

DRAWN <div style="text-align: center; font-size: 1.2em; font-weight: bold;">C. FETTER PINNEY</div>	DRAWING NO <div style="text-align: center; font-size: 3em; font-weight: bold;">1</div>
DATE <div style="text-align: center; font-size: 1.2em; font-weight: bold;">SEPTEMBER 16, 2019</div>	

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

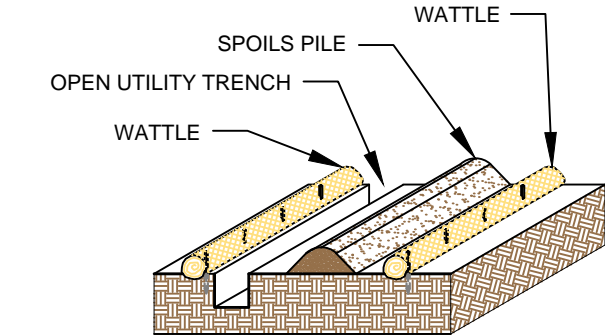
WATTLES ARE TO REMAIN IN PLACE UNTIL UTILITY TRENCH IS BACKFILLED

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.



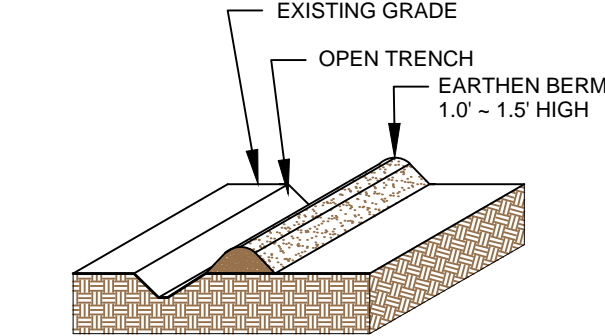
SPOILS PILE PROTECTION

NTS



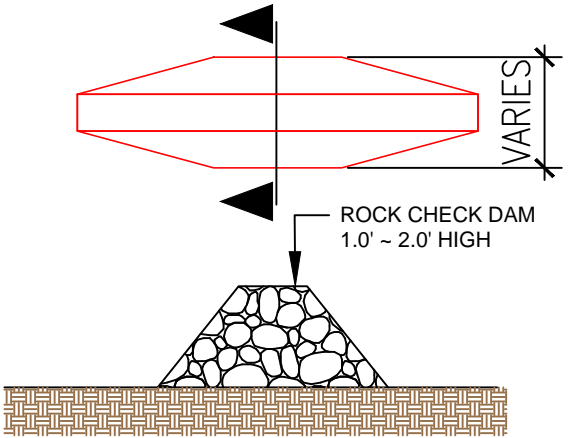
OPEN TRENCH SPOILS PILE PROTECTION

NTS



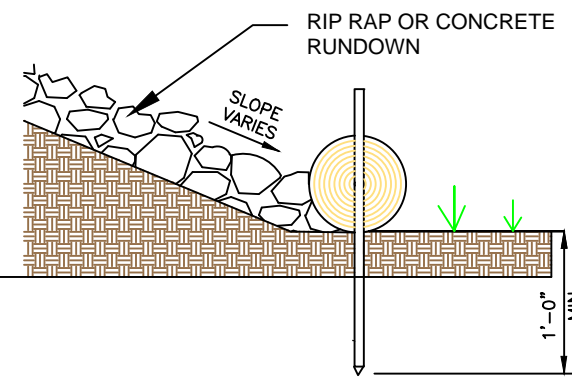
EARTHEN BERM

NTS



ROCK CHECK DAM

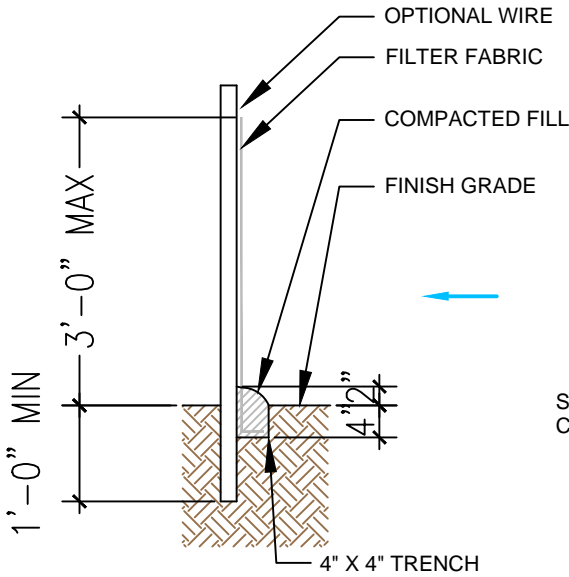
NTS



RUNDOWN DETAIL

NTS

8' MAX SPACING BETWEEN STAKES



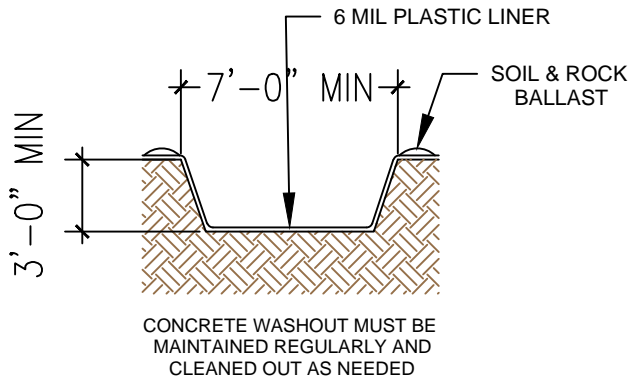
UP TO 10' MAXIMUM POST SPACING
POST MAY BE WOOD OR STEEL ('T' OR 'U' TYPE ACCEPTED)
WHEN 2 SECTIONS OF SILT FENCE ADJOIN, OVERLAP 12" MIN AND FOLD BACK.

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.

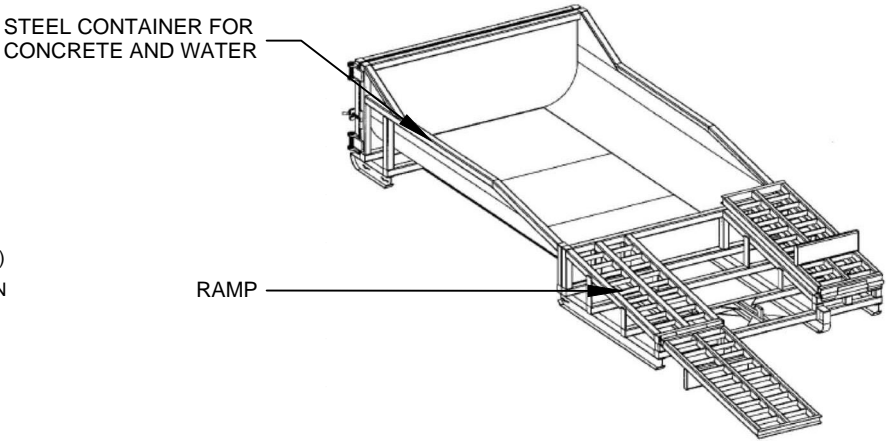
SILT FENCE

NTS



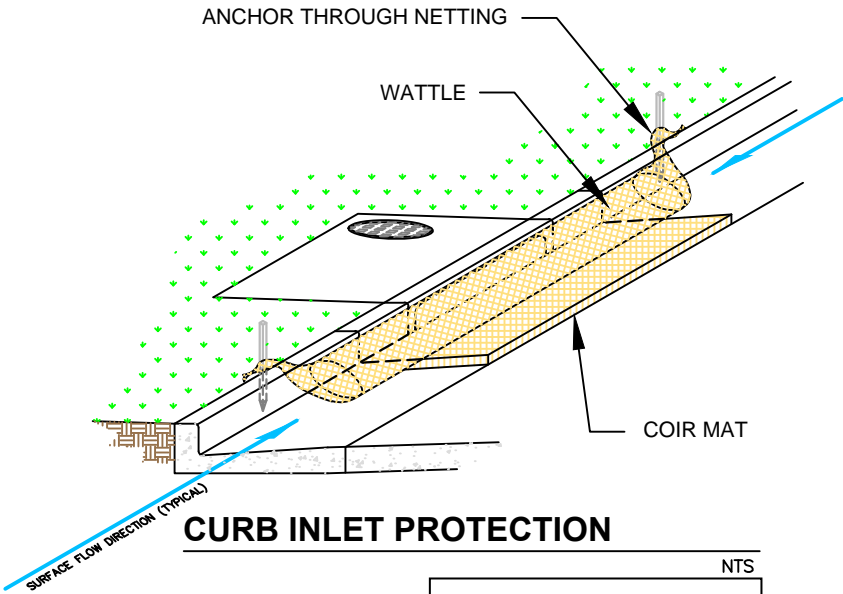
CONCRETE WASHOUT

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

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VILLA SENDEROS SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

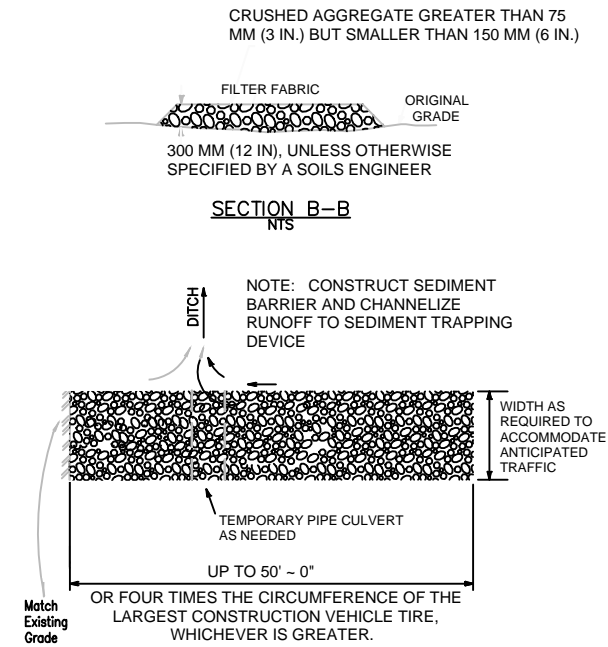
BEST MANAGEMENT PRACTICES

DRAWN C. FETTER PINNEY

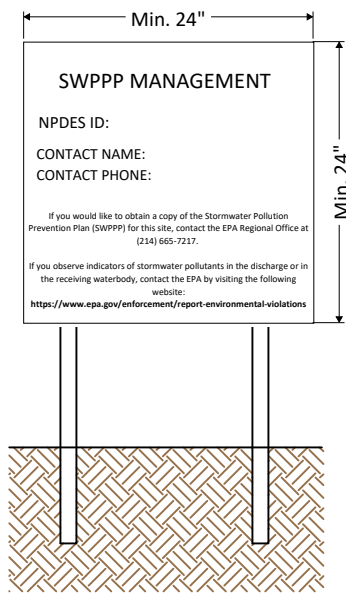
DATE SEPTEMBER 16, 2019

DRAWING NO

2

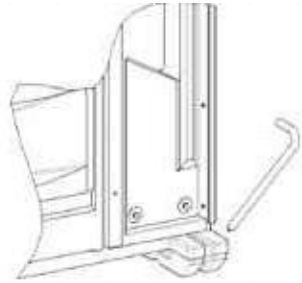


STABILIZED CONSTRUCTION ENTRANCE
NTS

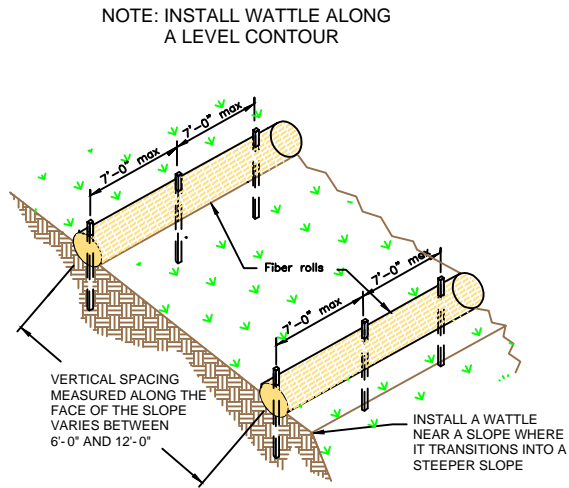


NPDES POSTING BOARD
NTS

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).

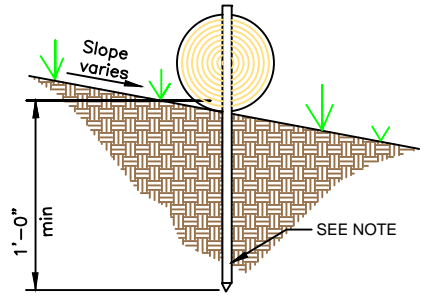


PORTABLE TOILET STAKING
NTS



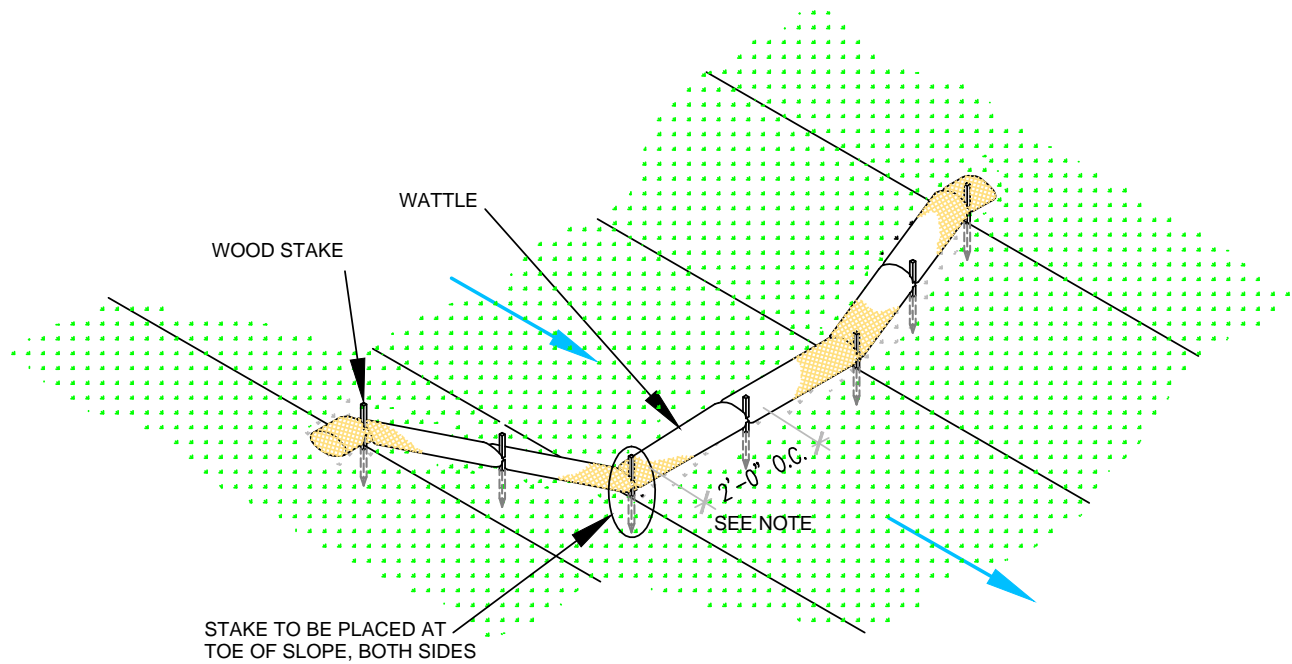
WATTLE INSTALLATION
NTS

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



WATTLE INSTALLATION
NTS

8' MAX SPACING BETWEEN STAKES



WATTLE WITHOUT BLANKET
NTS

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

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)

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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

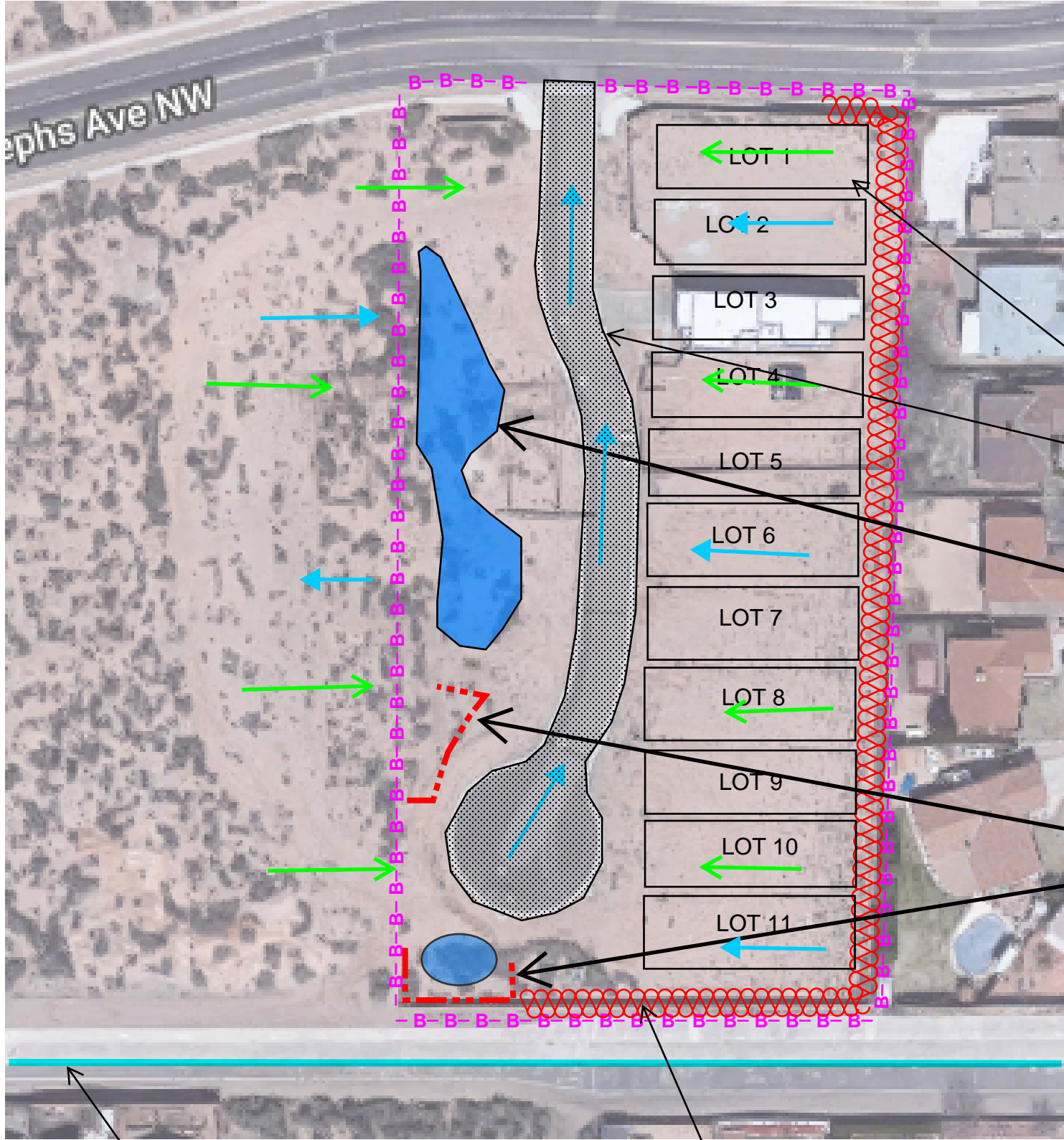
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VILLA SENDEROS SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

BEST MANAGEMENT PRACTICES

DRAWN C. FETTER PINNEY DATE SEPTEMBER 16, 2019	DRAWING NO 3
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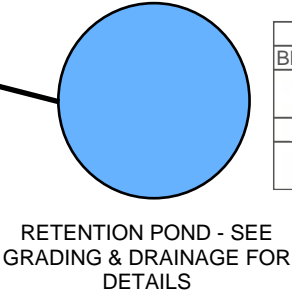




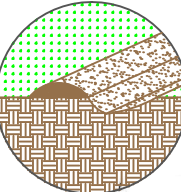
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5. WATTLES AND/OR SILT FENCE ARE ONLY REQUIRED IF THERE IS NO 50 FOOT SECTION OF UNDISTURBED VEGETATION.
6. RECEIVING WATER = DRAINAGE CANAL THENCE RETENTION POND
7. GPS COORDINATES = 35.126031, -106.721044
8. DISTURBED AREA = 2.7 AC
9. ENDANGERED SPECIES = RIO GRANDE SILVER MINNOW, YB CUCKOO
10. NPDES ID = NMR1002GC

LOTS 1 - 11; FUTURE HOME PAD SITES

PAVED ROAD



RETENTION POND - SEE GRADING & DRAINAGE FOR DETAILS



EARTHEN BERM

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
- CHEMICAL STORAGE
- TEMP TOILET
- LOCATION FOR PUBLIC NOTIFICATION OF NPDES
- PROJECT BOUNDARY
- DISTURBED AREA
- 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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VILLA SENDEROS SUBDIVISION
ALBUQUERQUE, BERNALILLO COUNTY, NM

FINAL STABILIZATION PLAN

DRAWN C. FETTER PINNEY	DRAWING NO 5
DATE SEPTEMBER 16, 2019	

