

C-20/2044

CONSTRUCTION PLANS FOR MODIFICATION OF LA CUEVA CHANNEL BERM NORTH OF ALAMEDA BLVD.

FOR LOMR APPLICATION
CITY OF ALBUQUERQUE AND AMAFCA
NOVEMBER 2010

INDEX OF SHEETS

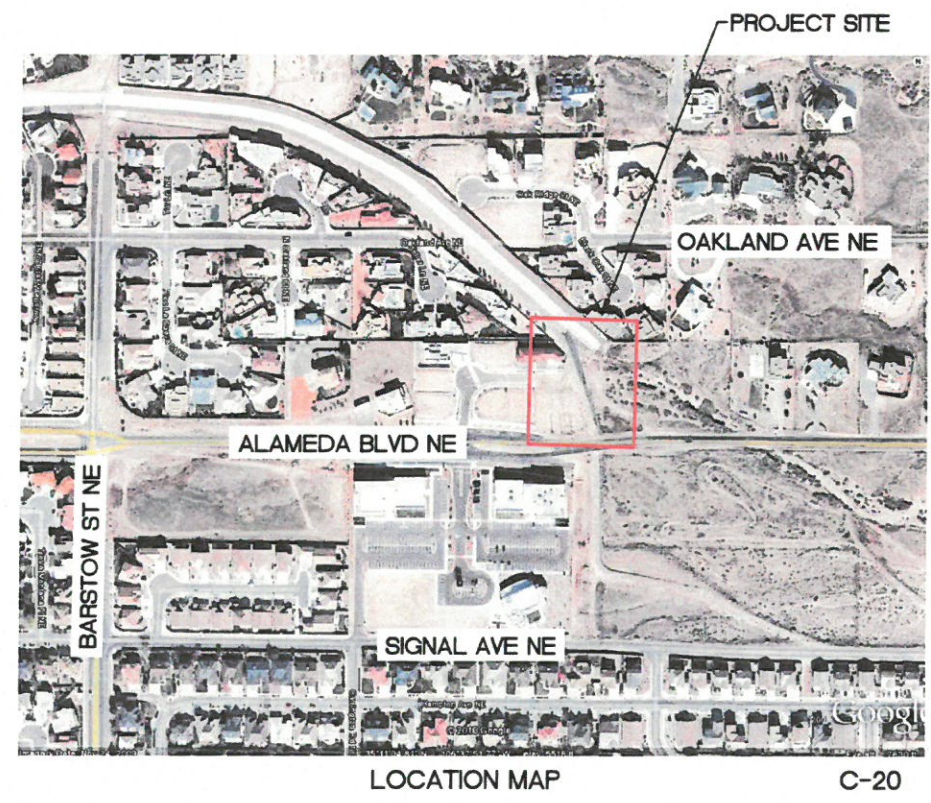
- 1 COVER
- 2 BERM MODIFICATION PLAN AND PROFILE
- 3 BERM MODIFICATION DETAILS AND ENLARGED VIEW

REFERENCES

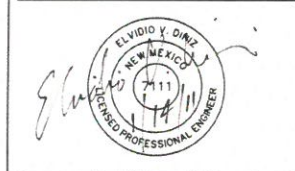
- 1 CONSTRUCTION PLANS FOR LA CUEVA ARROYO CHANNEL IMPROVEMENTS AS-BUILT RECORD DRAWING SET, SHEETS 1-11, RIO GRANDE ENGINEERING, CITY PROJECT NO. 757781, DATE: JULY 2007
- 2 ALAMEDA BOULEVARD N.E. STA 19+00 TO STA 24+50 PAVING IMPROVEMENTS PLAN AND PROFILE RICH COURT / HOPE PLAZA, SHEET 7B OF 15, AS-BUILT RECORD DRAWING, HIGH MESA CONSULTING GROUP, CITY PROJECT NO. 751983, DATE: JANUARY 30, 2009
- 3 SPECIFICATIONS FOR LA CUEVA ARROYO PERMANENT CHANNEL IMPROVEMENTS FROM BARSTOW TO ALAMEDA, AUGUST 2006, JEFF MORTENSEN AND ASSOCIATES, INC. DATE: AUGUST 12, 2006
- 4 LA CUEVA ARROYO BERM RETAINING WALL, PLATES SKS-2 AND SKS-3, AS-BUILT DRAWINGS, CHAVES-GRIEVES CONSULTING ENGINEERS, INC. DATE: FEBRUARY 26, 2009.

CONSTRUCTION NOTES for WORK IN AMAFCA R/W

1. AMAFCA Field Engineer shall be notified 48 hours prior to any work within the AMAFCA R/W at 884-2215.
2. All subgrade, backfill and embankment shall be compacted to 95% (modified proctor) within the AMAFCA R/W. Testing reports shall be provided to AMAFCA Field Engineer.
3. AMAFCA Field Engineer will be notified 48 hours prior to final inspection of any facilities within the AMAFCA R/W.
4. All disturbed ground areas shall be revegetated in accordance with City of Albuquerque Standard Specifications for Public Works Construction, Section 1012 Native Grass Seeding, as currently updated.
5. Any existing survey control monuments that are moved or destroyed as a result of the construction shall be replaced by a registered surveyor at the owner's expense.
6. Owner's contractor shall provide liability insurance naming AMAFCA as additional insured in the amount of \$2,000,000.00. Proof of insurance shall be provided to AMAFCA prior to construction.



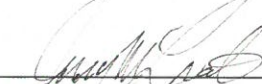
WESTON SOLUTIONS, INC.
3840 COMMONS AVE. NE
ALBUQUERQUE, NM 87109



REVISIONS		
NO.	KEY	DATE DESCRIPTION
DESIGNED BY:	EVD	
DRAWN BY:	CP	
REVIEWED BY:	EVD	
DATE:	NOVEMBER 2010	

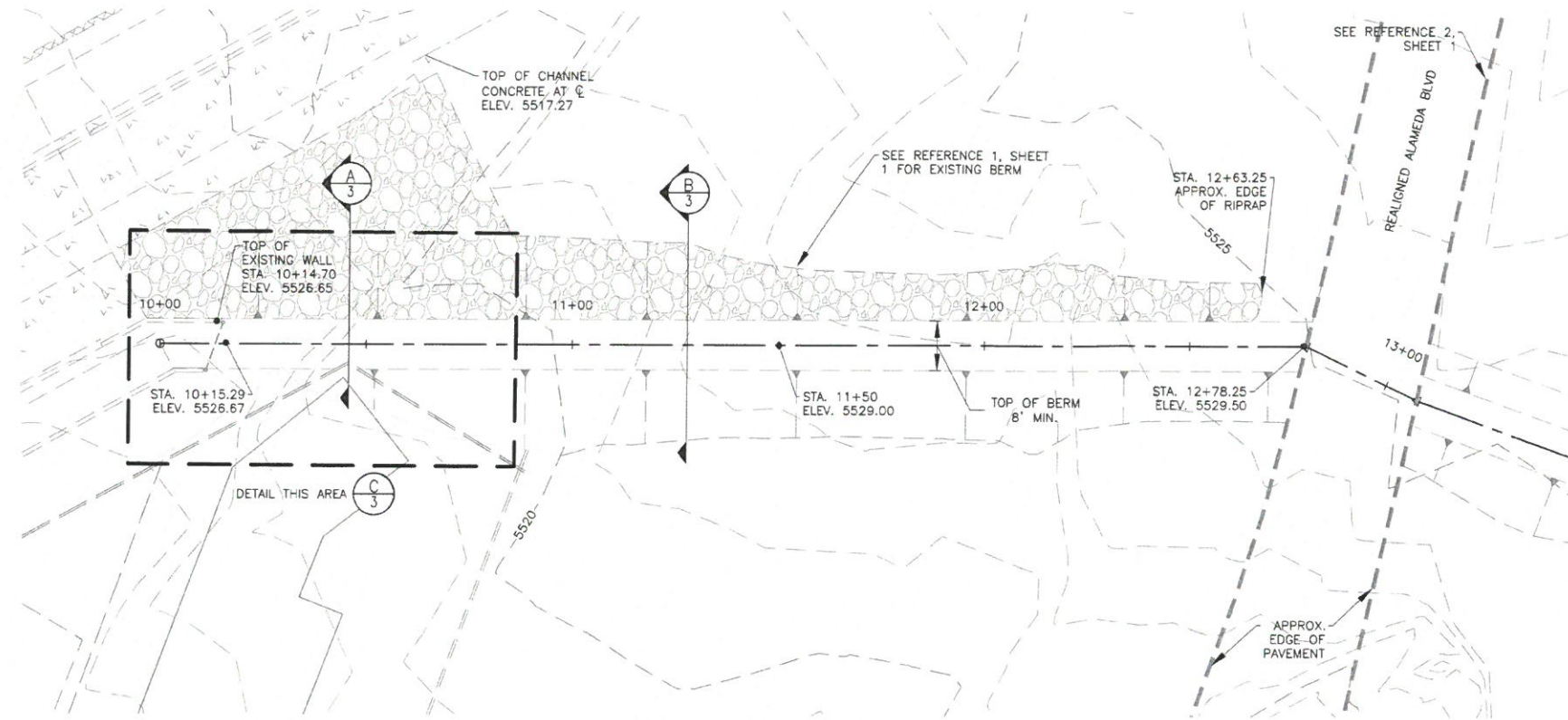
APPROVALS		DATE

APPROVED FOR CONSTRUCTION WITHIN AMAFCA ROW


EXECUTIVE ENGINEER
DATE 1/10/2010

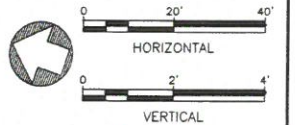
ZONE MAP NO.	C-20
LA CUEVA CHANNEL LOMR	
PROJECT NO.	WESTON 14580.001.002
SHEET	1 TOTAL 3

**BERM MODIFICATION
PLAN AND PROFILE**



GENERAL NOTES

1. FOR DESIGN SPECIFICATIONS AND GENERAL NOTES, SEE DRAWINGS AND SPECIFICATIONS REFERENCED ON SHEET 1.



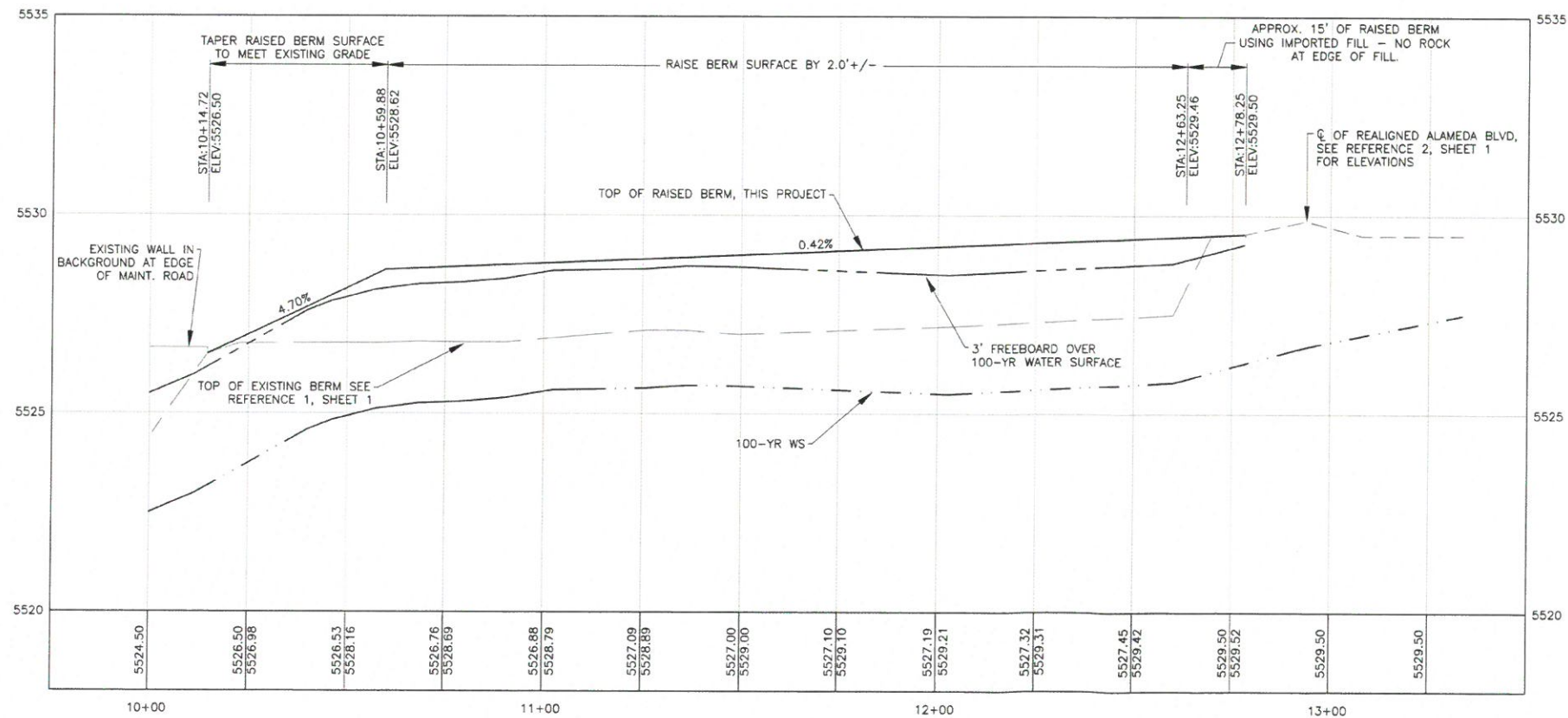
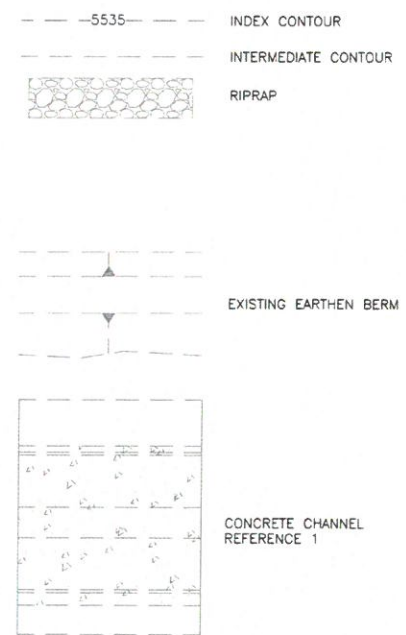
REVISIONS

NO.	KEY	DATE	DESCRIPTION

DESIGNED BY: EVD
DRAWN BY: CP
REVIEWED BY: EVD
DATE: NOVEMBER 2010

BENCH MARK

LEGEND



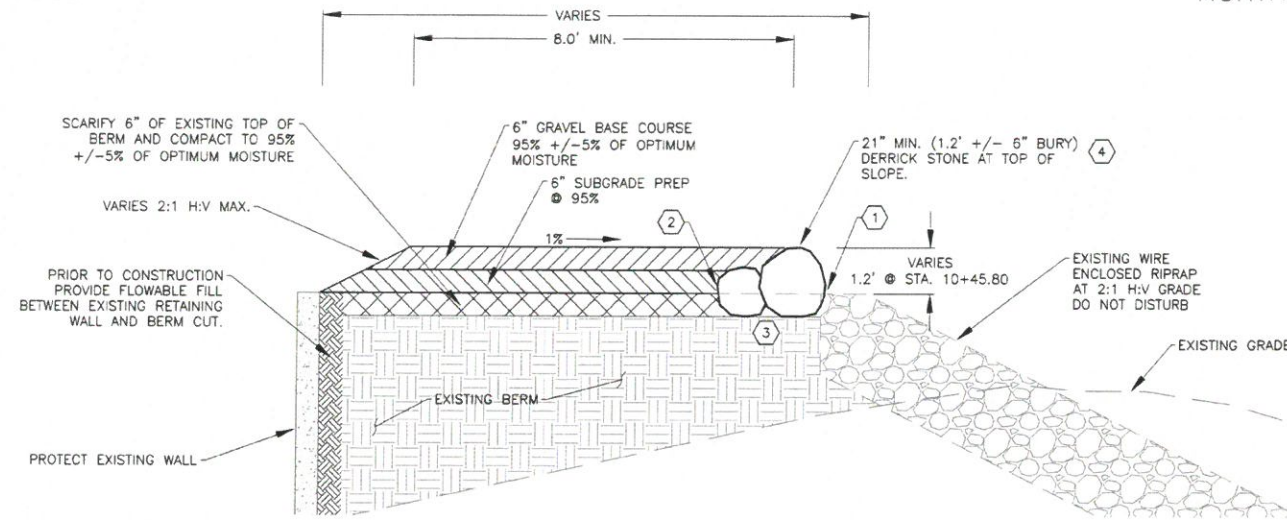
ZONE MAP NO. C-20

LA CUEVA CHANNEL
LOMR

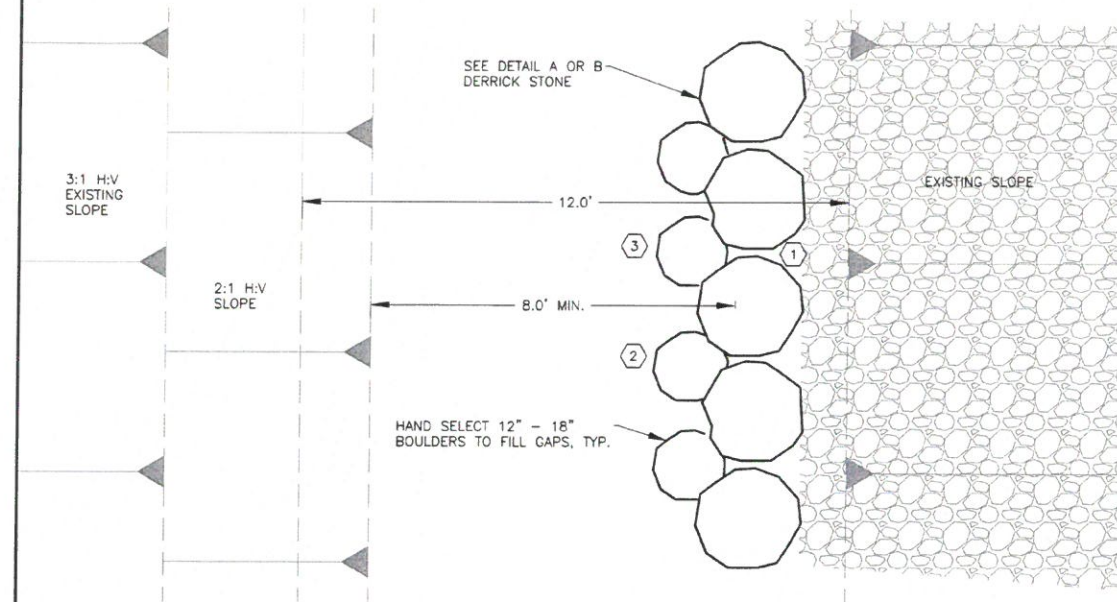
PROJECT NO. WESTON 14580.001.002
SHEET 2 TOTAL 3

SOUTH

NORTH



(A) TYPICAL BERM SECTION STA. 10+14.72 TO 10+60
NTS



TYPICAL BERM PLAN
NTS

KEYED NOTES

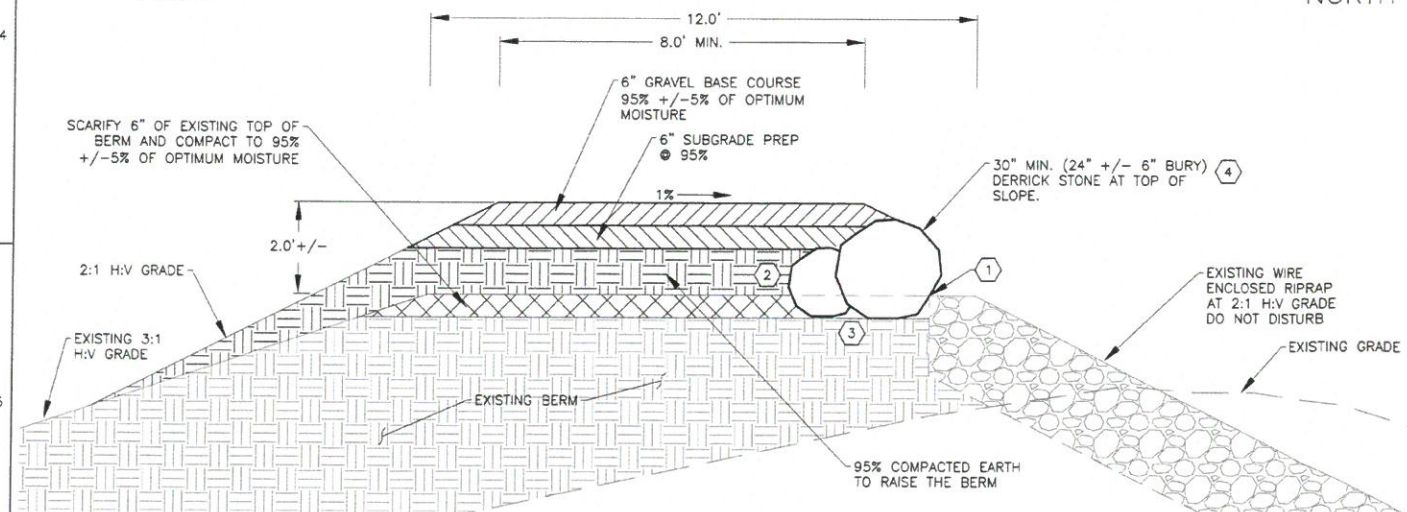
- 1 KEY DERRICK STONE INTO EXISTING EMBANKMENT.
- 2 USE FILTER FABRIC BETWEEN ALL BOULDERS AND EMBANKMENT FILL.
- 3 HAND CHINK ALL VOID AREAS AND NEW BOULDERS WITH $D < 12"$ ROCK.
- 4 MINIMUM BOULDER SIZE $12"$ AT STA 10+14.72. INCREASE SIZE AS NEEDED TO PROVIDE MINIMUM LINEAR INCREASE IN HEIGHT TO $21"$ AT STA 10+60.

GENERAL NOTES

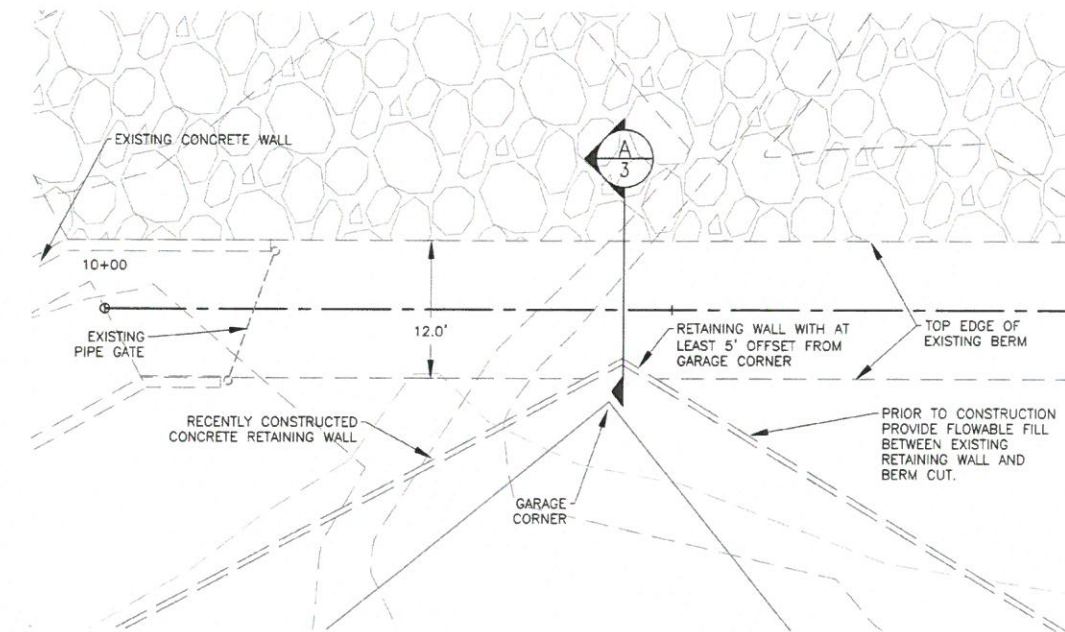
- 1 FOR DESIGN SPECIFICATIONS AND GENERAL NOTES, SEE DRAWINGS AND SPECIFICATIONS REFERENCED ON SHEET 1.
- 2 COMPACTION BETWEEN AND AROUND BOULDERS WILL BE ACCOMPLISHED BY HAND COMPACTION EQUIPMENT.
- 3 TESTING PER ASTM D-1557.

SOUTH

NORTH



(B) TYPICAL BERM SECTION STA. 10+60 TO 12+64 +/-
NTS



(C) ENLARGED VIEW
1" = 8'



BERM MODIFICATION DETAILS AND ENLARGED VIEW



REVISIONS

NO.	KEY	DATE	DESCRIPTION

DESIGNED BY: EVD
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 REVIEWED BY: EVD
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BENCH MARK

ZONE MAP NO. C-20

LA CUEVA CHANNEL
LOMR

PROJECT NO. WESTON 14580.001.002
 SHEET 3 TOTAL 3