



**Southern Sandoval
County
Arroyo Flood Control
Authority**

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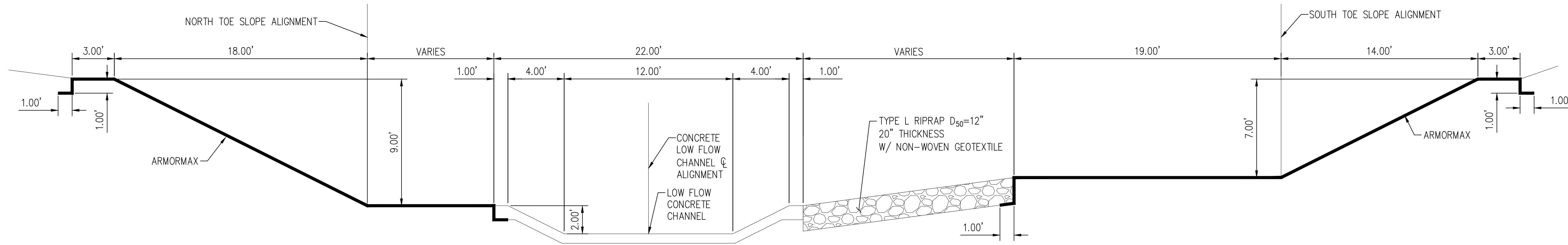
LOWER MONTOYAS ARROYO BANK
STABILIZATION PROJECT

LOW FLOW CONCRETE CHANNEL
DETAILS

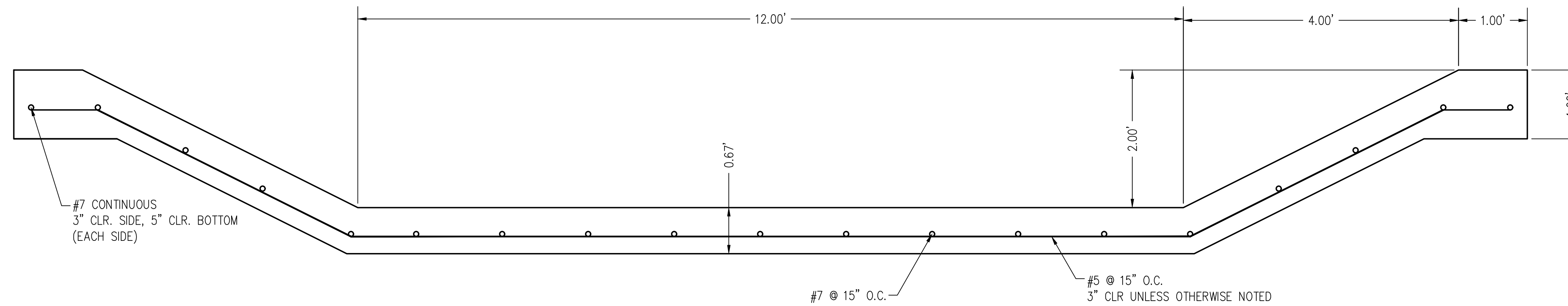
THIS CONTRACT ALLOWS THE OWNER TO MAKE PAYMENT WITHIN 45 DAYS AFTER
SUBMISSION OF AN UNDISPUTED REQUEST FOR PAYMENT.

REVISIONS & CHANGE NOTICES		
MARK	DESCRIPTION	DATE
1	REMOVAL OF ADD.	
	ALTERNATIVE #1	1/24/22
2	ADDED NOTES	1/26/22

PROJECT NO: MO_P0029-01
DESIGNED BY: AES
DRAWN BY: ###
CHECKED BY: JN
DATE: 1/6/2022



**TYPICAL COMPOSITE CHANNEL SECTION -
TO DEMONSTRATE COMPOSITE CHANNEL CONCEPT**



CONCRETE LOW FLOW CHANNEL SECTION
BASE BID = NO CONCRETE COLOR

CONCRETE LOW FLOW CHANNEL NOTES:

- CAST-IN-PLACE CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH $f'_c=3000$ PSI MINIMUM.
- ALL EXPOSED FORMED EDGES SHALL HAVE $\frac{3}{4}$ " CHANFER UNLESS OTHERWISE NOTED.
- CHANNEL SUBGRADE PREPARATION TO A DEPTH OF 12", MUST ACHIEVE MAX. DRY DENSITY OF 95% PER ASTM D-1557
- REINFORCING STEEL SHALL CONFORM TO ASTM A615, GRADE 60. MINIMUM LAP LENGTHS FOR #5 AND #7 REBAR SHALL BE 30" AND 43", RESPECTIVELY.
- EXPOSED CHANNEL CONCRETE SHALL HAVE A TINED FINISH, TINING SHALL BE APPLIED TRANSVERSE TO FLOW.
- BASE BID = NO CONCRETE COLOR.
- CONTROL JOINTS ARE REQUIRED AT A SPACING NOT TO EXCEED 18-FT. ALL CONTROL JOINTS SHALL BE SEALED WITH SONOLASTIC NP-1 OR APPROVED EQUAL.
- CONSTRUCTION JOINTS SHALL BE IN ACCORDANCE WITH AMAFCA STANDARD DRAWING 102, SEE BID AND CONTRACT DOCUMENTS - VOLUME 2 - SPECIFICATIONS.

2 NOTES ADDED

1 REMOVAL OF ADDITIVE ALTERNATIVE #1

Friday, January 7, 2022 8:26:56 AM - Kathy Frazier \\192.168.1.9\public\DATA\SSCA\CA_A\Project\Fire\Montoya_VAO_P0029-01\Misc\Production Drawings\Plan_Sch\VAO_P0029-01_14-00.dwg