BERNALILLO COUNTY, NEW MEXICO

RIO GRANDE FLOODWAY

RECOMMENDED PLAN FOR

2018 ISLETA WEST UNIT LEVEE I 100YR WS100 + 4'

SOLICITATION NO.: XXXX

DATED: December 2019



Albuquerque District



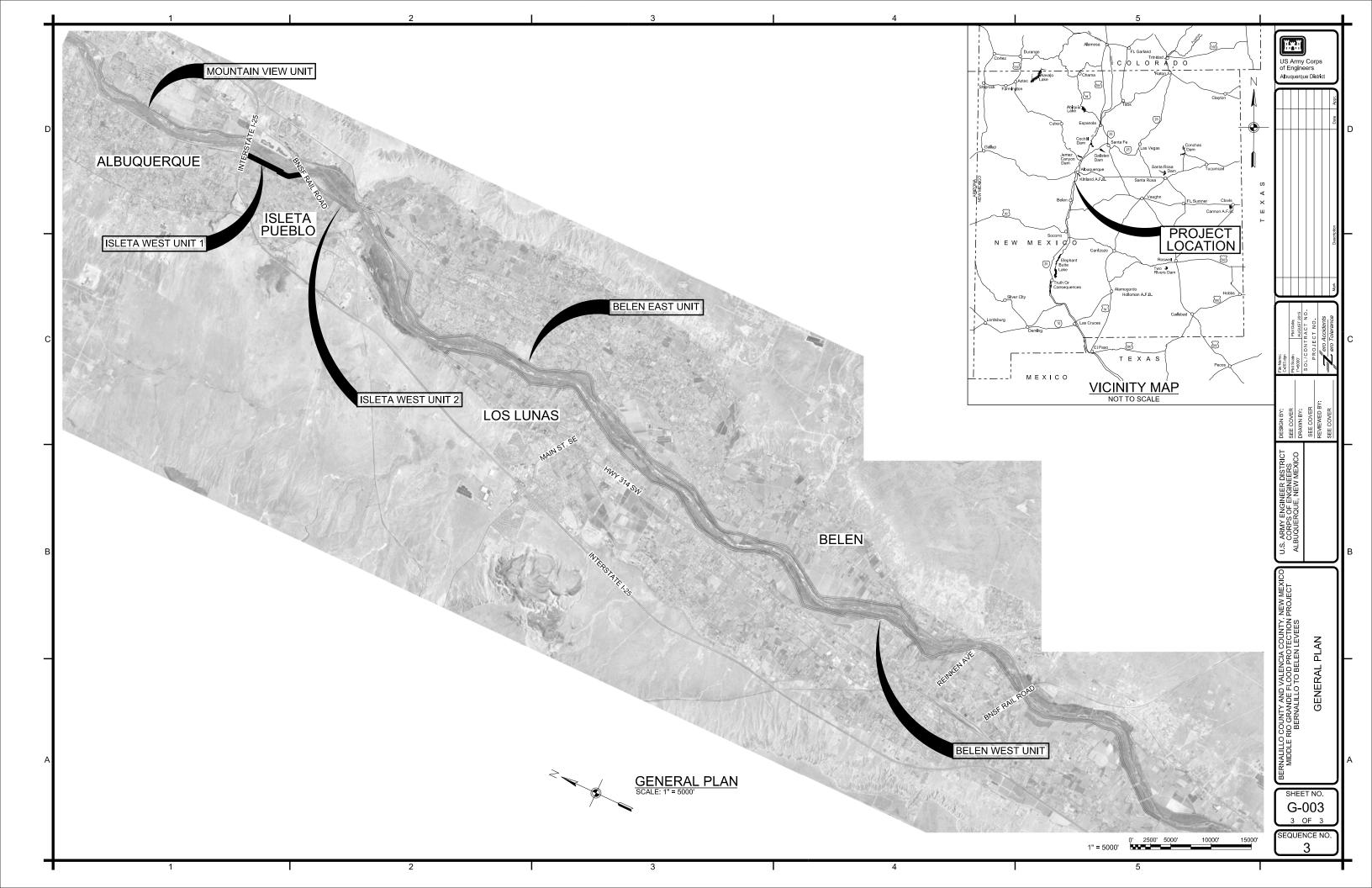
SET OF DRAWINGS WERE ASSEMBLED AND REVIEWED BY THE FOLLOWING ALBUQUERQUE DISTRICT DESIGN TEAM. THIS DOCUMENT MEETS OUR HIGH STANDARDS OF QUALITY AND PROFESSIONALISM.

TEAM MEMBER	SIGNATURE	FUNCTION		
CIVIL				
CHRIS VELASQUEZ, P.E.		CHIEF, GEN ENG SECTION		
DEBBIE SMITH		CIVIL ENGINEER		
RONNIE CASAUS		CIVIL ENGINEER TECH		
GEOTECH RICHARD HALL, P.E.		CHIEF, GEOTECHNICAL		
MATTHEW BONNER, P.E.		SECTION		
		CIVIL ENGINEER-GEOTECH		
ENVIRONMENTAL RESOURCE	ES			
GEORGE MACDONELL		CHIEF, ENVIRONMENTAL RESOURCES SECTION		
JEREMY DECKER		ARCHAEOLOGIST		
MICHAEL PORTER		BIOLOGIST		
H & H				
STEPHEN SCISSONS, P.E.		CHIEF, HYDROLOGY AND HYDRAULIC SECTION		
STEVE BOBERG, P.E.		HYDRAULIC ENGINEER		
JONATHAN AUBUCHON. P.E.		HYDRAULIC ENGINEER		
STRUCTURAL RICHARD ZARAGOSA, P.E.		STRUCTURAL ENGINEER		
COST ENGINEERING MICHAEL R. PRUDHOMME, P.E.		CHIEF, COST ENGINEERING SECTION		
TIMOTHY TETRICK		ESTIMATOR		
PLAN FORMULATION MARK DOLES		CHIEF, PLAN FORULATION SECTION		
STACY SAMUELSON		WATER PLANNER RESOURCES		
PROJECT MANAGEMENT CORINNE O'HARE, P.L.A.		PROJECT MANAGER		
SIGNATURES AFFIXED BELOW INDICATE OFFICIAL RECOMMENDATION AND				

APPROVAL OF ALL DRAWINGS IN THIS SET AS INDEXED. SUBMITTED:

THIS PROJECT WAS DESIGNED BY THE U.S. ARMY CORPS OF ENGINEERS ALBUQUERQUE DISTRICT. THE INITIALS OR SIGNATURES AND REGISTRATION DESIGNATIONS OF GOVERNMENT INDIVIDUALS APPEAR ON THESE PROJECT DOCUMENTS WITHIN THE SCOPE OF THEIR EMPLOYMENT AS REQUIRED

MRG BERNALILLO TO BELEN LEVEE FEASABILITY STUDY Albuquerque District INDEX OF DRAWINGS SEQ SHT TITLE SEQ SHT TITLE SHT TITLE **GENERAL** COVER SHEET G-001 G-002 INDEX OF DRAWINGS G-003 GENERAL PLAN 2018 ISLETA WEST UNIT LEVEE I 100YR WS+4' ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' HORIZONTAL CONTROL C-101 ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' KEY PLAN C-102 ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' PLAN AND PROFILE STA. 0+00 TO 28+00 C-103 ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' PLAN AND PROFILE STA. 28+00 TO 56+00 C-104 ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' PLAN AND PROFILE STA. 56+00 TO 82+00 ISLETA WEST UNIT LEVEE LEVEE I 100YR WS100 + 4' TYPICAL LEVEE SECTION AND DETAILS C-303 G-002



ISLETA WEST UNIT LEVEE 1 HORIZONTAL CONTROL

POB	N=1437072.33	E=1509952.43	STA. 0+00
PI-1	N=1437100.69	E=1510135.13	STA. 1+84.88
DELTA = DEGREE = RADIUS = TANGENT = LENGTH =	100°27'11"R 95°29'35" 60.00 72.08 105.19	PC-1 = PI-1 = PT-1 =	STA. 1+12.80 STA. 1+84.88 STA. 2+18.00
PI-2	N=1435003.80	E=1510075.43	STA. 22+43.65
PI-3	N=1432906.91	E=1510015.73	STA. 43+41.39
PI-4	N=1432277.42	E=1509990.93	STA. 49+71.38
DELTA = DEGREE = RADIUS = TANGENT = LENGTH =	89°59'18"R 95°29'35" 60.00 59.99 94.24	PC-4 = PI-4 = PT-4 =	STA. 49+11.39 STA. 49+71.38 STA. 50+05.62
PI-5	N=1432282.56	E=1509859.59	STA. 50+77.08
DELTA = DEGREE = RADIUS = TANGENT = LENGTH =	90°49'14"L 95°29'35" 60.00 60.87 95.11	PC-5 = PI-5 = PT-5 =	STA. 50+16.21 STA. 50+77.08 STA. 51+11.32
PI-6	N=1431114.18	E=1509830.55	STA. 62+19.19
DELTA = DEGREE = RADIUS = TANGENT = LENGTH =	36°01'51"L 09°32'57" 600.00 195.13 377.31	PC-6 = PI-6 = PT-6 =	STA. 60+24.06 STA. 62+19.19 STA. 64+01.38
PI-7	N=1430172.35	E=1510480.46	STA. 73+50.55
PI-8	N=1429608.90	E=1510926.74	STA. 80+69.33
DELTA = DEGREE = RADIUS = TANGENT = LENGTH =	72°51'09"R 114°35'30" 50.00 36.90 63.58	PC-8 = PI-8 = PT-8 =	STA. 80+32.44 STA. 80+69.33 STA. 80+96.01
POF	N=1/2028/ Q7	E=1510704 35	STA 84+52 04

COORDINATES ARE NEW MEXICO STATE PLANE COORDINATES, CENTRAL ZONE, NAD83. ELEVATIONS REFERENCE NAVD88.

SHEET NO.
C-100

