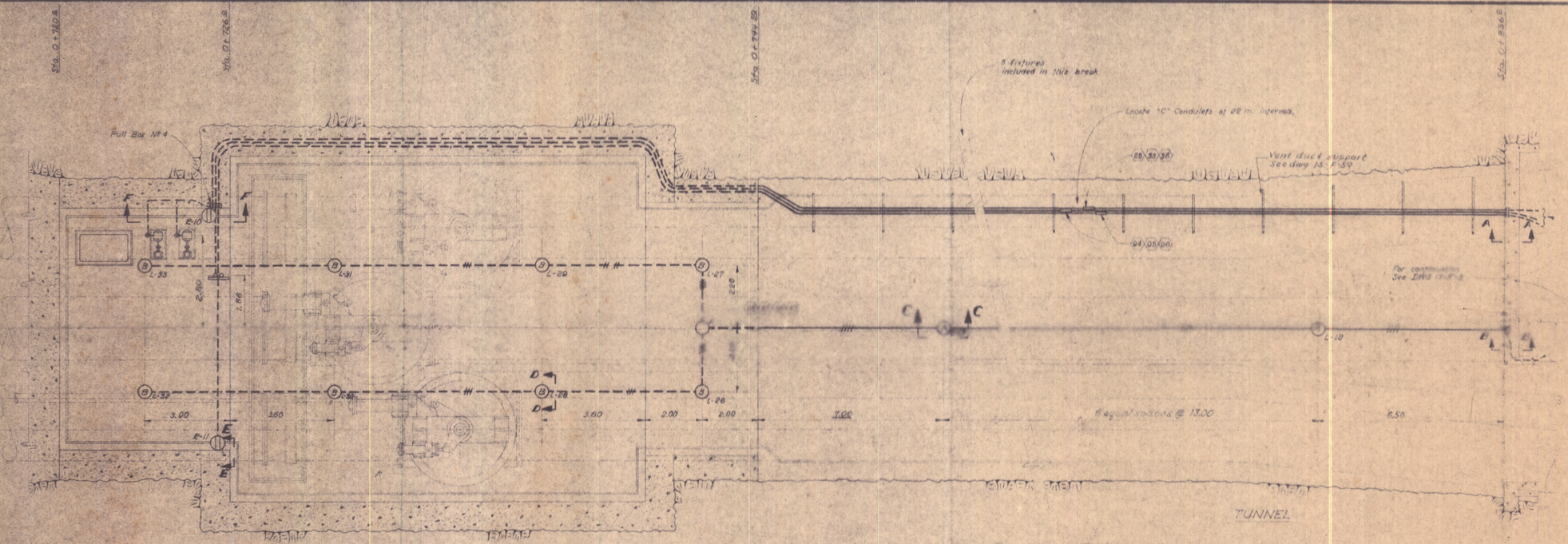

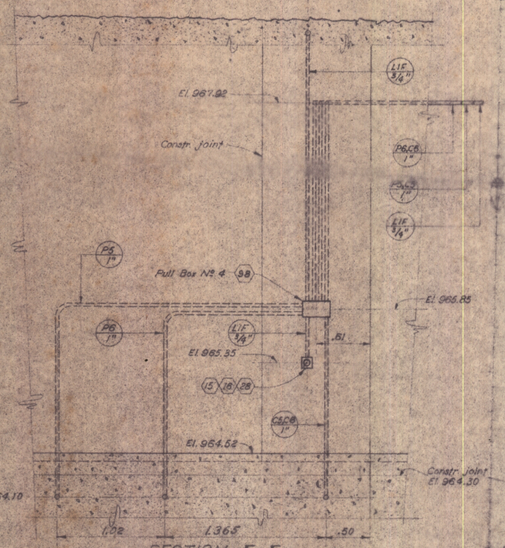

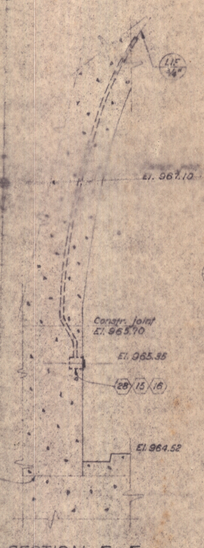

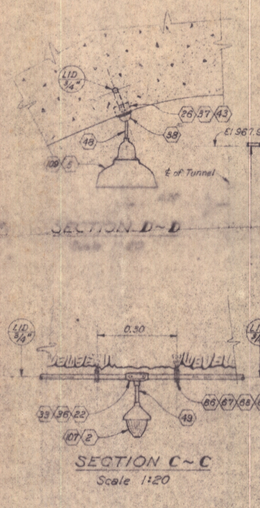

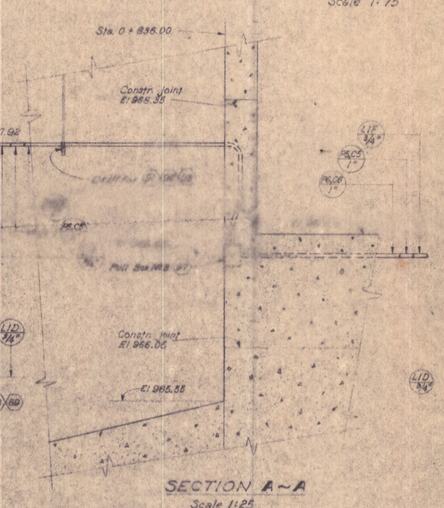

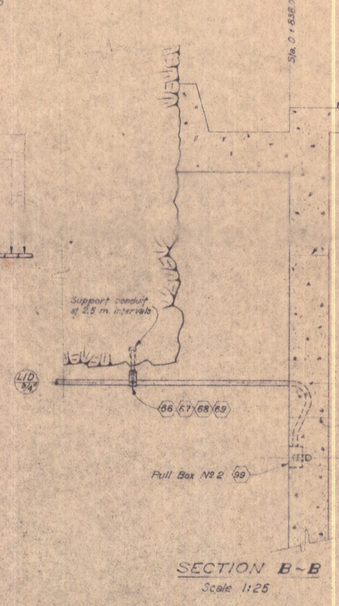

LEGEND

- Embedded conduit
- Exposed conduit
- Conduit bend down
- Conduit bend up

BILL OF MATERIAL

SYMBOL	ITEM N°	QUAN. REQ'D	QUAN. REQ'D	DESCRIPTION	P.O. N°
(A)	2	10	7	Holophane, Wide-Spread Reflector, Cat. N° 832	5071
(B)	5	19	8	Heavy-duty, vapor-tight Lighting Fixture, Type VD-500-MV Westinghouse, Style N° 943577	
(D)	15	12	2	Type GS Plug Receptacle, with threaded cap & gasket, 15A., 250 V., 2-wire, 2-pole, Crouse-Hinds, Cat. N° DPR2	
	16	12	2	Type WP Plug, Vapor-tight and weather-proof, 15A., 250 V., 2-wire, 2-pole, Crouse-Hinds Cat. N° WP731	
	22	10	7	Type "T" Conduilet, Crouse-Hinds Cat. N° T27	
	25	5	4	Type "C" Conduilet, Crouse-Hinds Cat. N° C27	
	26	10	9	Type "GBFX" Conduilet, Crouse-Hinds Cat. N° GBFX2G	
	28	9	8	Type "FD" Conduilet, Crouse-Hinds Cat. N° FD2	
	33	35	11	Cast Ferralay Blank Cover, Crouse-Hinds Cat. N° 2707	
	35	2	1	Blank Cover, for GBF series conduilet, Crouse-Hinds Cat. N° GBF58	
	36	35	11	Gasket, Vellumoid, solid type, Crouse-Hinds Cat. N° GASK77E	
	37	18	9	Gasket, Rubber, for GBF Conduilet, Crouse-Hinds Cat. N° GASK62B	
	38	9	6	Fixture hanger, vapor-tight, Flexible, cushion, Crouse-Hinds Cat. N° CB1041	
				galvanized	
	49	25	17	Conduit Nipple, [illegible] long, galvanized	
				[illegible] ring rings, type F,	5088
	57	50	40	Hanger Rod, ⅜", Size D, Kindorf N° 150	
	68	100	80	Hanger Rod Nut, ⅜", Heavy hex head, galvanized, Kindorf N° 114	
	89	50	40	Conduit Hanger, adjustable, for 1" conduit, Kindorf N° 150	
	91	50	40	One-hole Pipe Strap, for ¾" conduit	
	92	50	80	One-hole Pipe Strap, For 1" conduit	
	93	144	120	Machine Screw, ¼"-20 X ⅝", cadmium plated with hex nuts	
	94	10	8	Type "A" Conduilet, Crouse-Hinds Cat. N° C37	
	95	10	8	Gasket, Vellumoid, solid type, Crouse-Hinds Cat. N° GASK 77B	
	96	10	8	Cast Ferralay Blank Cover, Crouse-Hinds Cat. N° 3707	
	97	1	1	Pull Box, 12"x 6"x 4", cast iron, flush mounting, for conduit entry see sketch, D2 Cat. N° YU100604	5088
	98	1	1	Pull Box, 12"x 8"x 4", cast iron, flush mounting, for conduit entry see sketch, D2 Cat. N° YU120804	
	99	1	1	Pull Box, 8"x 4"x 4", cast iron, flush mounting, for conduit entry see sketch, D2 Cat. N° YU080404	
	43	25	20	Pipe plug, ¾ inch	5071
	45	25	10	"Erickson" Coupling, ¾ inch, G.E. Cat. N° SP676	
	46	25	15	"Erickson" Coupling, 1-inch, G.E. Cat. N° SP677	
	63	3400'	880'	Rigid Conduit, ¾-inch, galvanized	
	64	1000'	835'	Rigid Conduit, 1-inch, galvanized	
	107	36	7	Lamp, 200 watt, 230 volt, PS-30 bulb, type C, Medium Base	5088
	109	24	8	Lamp, 500 watt, 230 volt, PS-40 bulb, type C, Mogul Base	5088

Reference drawings:

15-F-35 Concrete Outline Elaborate Chamber
15-F-36 [illegible]
15-F-3 Powerhouse Power & Lighting, Plan
17-F-4 Valvehouse Power & Lighting, Section
17-F-8 [illegible]

Notes:

1. All control wires to be #12 type TW.
2. All power circuit wire sizes are given on Dwg 17-F-8.
3. All lighting circuits to be #12 TW wire in ¾" conduit.

* Wire bought on P.O. 11.5072.

Scale as shown

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

IRRIGATION TUNNEL VALVE CHAMBER AND TUNNEL POWER AND LIGHTING

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED W.E.G.	CHKD. C.H.L.	SUBMITTED	
DRAWN W.E.G.	INSP. F.C.Y.	RECOMMENDED	
		APPROVED	

17-F-2 SAN FRANCISCO, CAL. DATE AUGUST 27, 1952