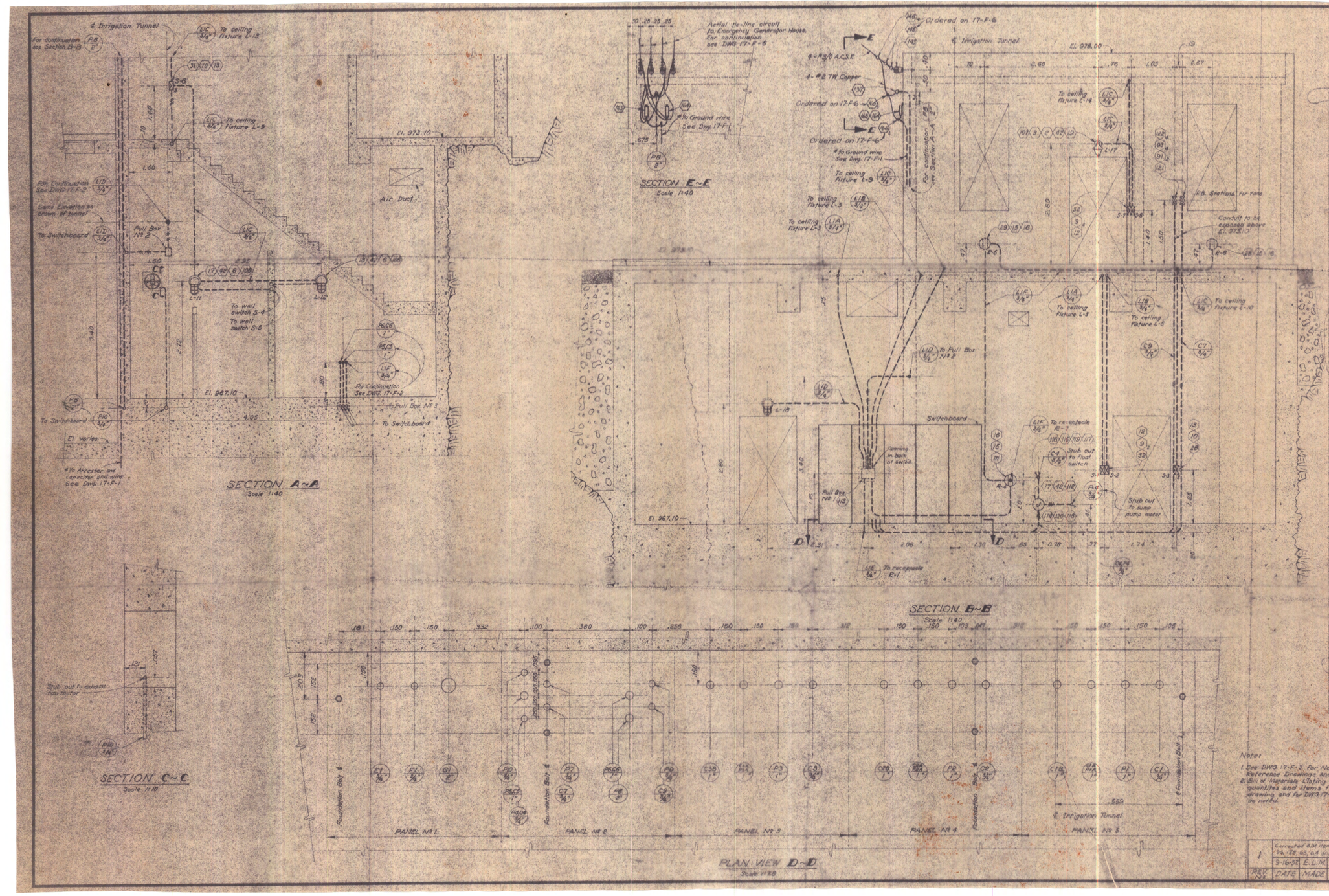


## BILL OF MATERIAL

| SYMBOL | ITEM No | QUANTITY REQ'D | QUANTITY ORDERED | DESCRIPTION | REQ. No. |
|---|---|---|---|---|---|
| (HA) | 2 | 1 | 10 | Wide-Spread Reflector, Holophane Cat. No. 636 | 5021 |
| | 3 | 1 | 2 | Mounting Bracket for Item 2(E), Holophane Cat. No. 0853 | |
| (G) | 4 | 4 | 5 | Heavy Duty Vapor-tight Lighting Fixture, Geedrich Cat. No. 765715-18 | |
| (R) | 5 | 10 | 19 | Heavy Duty Vapor-tight Lighting Fixture, Geedrich Cat. No. 765719-18 | |
| (HE) | 6 | 3 | 3 | Vapor-tight Broker Type Lighting Fixture, Killark Cat. No. VOBL-1070 | 5021 |
| (S2) | 9 | 1 | 10 | Tumbler Switch, 20 Amp., 250 Volt, Single Pole, Bryant Cat. No. 5421 | 5091 |
| (S3) | 10 | 2 | 4 | Tumbler Switch, 20 Amp., 250 Volt, Three Way, Bryant Cat. No. 5423-1 | |
| | 12 | 2 | 3 | Two-Gang Vapor-tight Toggle Switch Cover Plate, Killark Cat. No. 2K57 | |
| | 13 | 5 | 5 | Single-Gang Vapor-tight Toggle Switch Cover Plate, Killark Cat. No. K77 | |
| (U) | 15 | 9 | 12 | Receptacle with Threaded Cap & Gasket, 10A, 250V, 2-Wire, 3-Pole, C-H Cat. No. 5562 | |
| | 16 | 9 | 12 | Vapor-Tight Plug, 10A, 250V, 2-Wire, 3-Pole, C-H Cat. No. VP 751 | |
| | 17 | 6 | 6 | Type SKT Conduilet, C-H Cat. No. SKT28 | |
| | 18 | 3 | 3 | Type SKL Conduilet, C-H Cat. No. SKL28 | |
| | 19 | 7 | 7 | Type SK Conduilet, C-H, Cat. No. SK28 | |
| | 20 | 1 | 3 | Type SKC Conduilet, C-H Cat. No. SKC28 | |
| | 21 | 2 | 2 | Type SKX Conduilet, C-H Cat. No. GKX28 | |
| | 27 | 1 | 2 | Type FDX Conduilet, Killark Cat. No. FDX2 | |
| | 28 | 8 | 9 | Type FD Conduilet, Killark Cat. No. FD2 | |
| | 29 | 6 | 4 | Type FID Conduilet, Killark Cat. No. FDS2 | |
| | 31 | | 2 | Type FDCT Conduilet, Killark Cat. No. FDCT2 | |
| | 32 | | 3 | Type FSC Conduilet, Killark Cat. No. FDS2 | |
| | 44 | | 2 | 1" Hub Cover for SK Series Conduilet, C-H Cat. No. SK82 | |
| | 45 | 18 | 28 | Gasket for SK Series Conduilet, C-H Cat. No. GASK2S | |
| | 46 | 14 | 23 | Long Conduit Nipple, ¾" x 6", galvanized | |
| | 91 | 4 | 50 | One-Hole Pipe Strap For ¾" Conduit | 5094 |
| | 93 | 5 | 144 | Machine Screw ⅜"-20 X ½", Cadmium Plated | |
| | 95 | 6 | 20 | Gasket, Vellumoid, Solid Type, C-H Cat. No. GASK 778 | |
| | 96 | 6 ½ | 20 | Cast Feralay Blank Cover, C-H Cat. No. 370F | |
| | 63 | 1110' | 3400' | Rigid conduit, ¾" galvanized | 5071 |
| | 64 | 675' | 1000' | Rigid conduit, 1", galvanized | 5071 |
| | 106 | 3 | 6 | 100 Watt, A-23 Bulb, Type C, Medium Base, 230 Volts | 5088 |
| | 107 | 5 | 56 | 200 Watt, PS-30 Bulb, Type C, Medium Base, 230 Volts | |
| | 108 | 10 | 48 | 300 Watt, PS-35 Bulb, Type C, Mogul Base, 230 Volts | |
| | 110 | 1 | 2 | Type FDLA Conduilet, C-H Cat. No. FDLA2 | 5094 |
| | 111 | 1 | 2 | Type FDCA Conduilet, C-H Cat. No. FDCA2 | |
| | 112 | 1 | 2 | Cast Feralay Blank Cover, C-H Cat. No. SK903 | |
| | 113 | 1 | 1 | Pull Box, 18"x8"x6", Screw Cover, Galvanized, See Sketch for K.O. | |
| | 114 | 5 | 5 | 90° Angle Connector for ¾" Flexible Conduit, T&B Cat. No. 325 | |
| | 115 | 1 | 5 | Straight Connector for ¾" Flexible Conduit, T&B Cat. No. 305 | |
| | 116 | 6 | 10 | Male Enlarger, ¾" to ¾" Rigid Conduit, T&B Cat. No. 1695 | |
| | 117 | 6 | 10 | Combination Coupling, ¾" Flexible to Rigid Conduit, T&B Cat. No. 440 | |
| | 118 | 5 | 10 | Combination Coupling, ¾" Flexible to Rigid Conduit, T&B Cat. No. 440 | |
| | 119 | 12ft | 25ft | ½" Flexible Steel Conduit, Galvanized Inside and Out | |
| | 120 | 10ft | 25ft | ¾" Flexible Steel Conduit, Galvanized Inside and Out | |
| | 121 | 2 | 2 | Heavy Duty Push Button Station, with Yellow Sing E Cresswood | |
| | 122 | 8 | 50 | Ackerman-Johnson Screw Anchor For ¼" - 20 Machine Screw | |
| | 123 | 5 | 10 | 90° Angle Connector for ½" Flexible Conduit, T&B Cat. No. 325 | |
| | 124 | 2 | 5 | Straight Connector for ½" Flexible Conduit, T&B Cat. No. 304 | |
| | 125 | 1 | 5 | Combination Coupling, 2" Flexible to Rigid Conduit, T&B Cat. No. 445 | |
| | | | | 1" Flexible Conduit, Galvanized Inside and Out | |
| | | | | 1" Rigid | |
| | | | | Type [illegible] C-H Cat. No. LB 537 | |
| | 130 | 6ft | 10ft | 1" Flexible Steel Conduit, Galvanized Inside and Out | |
| | 148 | 3 | 10 | Straight Connector for 1" Flexible Conduit, T&B Cat. No. 306 | |
| | 149 | 9 | 16 | Insulated Fork-Bolt, Hubbard Cat. No. 8141 | |
| | 65 | 90' | 250' | Rigid conduit, 2", galvanized | 5071 |
| | 163 | 1 | 2 | Lightning Arrester, 3-pole, 6-650 Volt, outdoor type. | 5094 |
| | 164 | 1 | 2 | Capacitor, three phase, outdoor type. | 5094 |
| | 137 | 1 | 2 | 2" Entrance Fitting, Appleton Cat. No. EF-2300 | 5095 |
| | | 2 | 2 | Cylinder type padlocks with keys for Item 121 | 5097 |

Notes:
1. See DWG 17-F-3 for Notes, Reference Drawings and Legend
2. Bill of Materials Listing includes quantities and items for this drawing and for DWG 17-F-3, except as noted.

| REV. No. | DATE | MADE | CH'KD | APP. |
|---|---|---|---|---|
| 1 | 9-16-52 | E.L.M. | C.M. | [illegible] |

Corrected Bill Items 4, 6.5, 9, 93, 94, 118, 63, 64 and added Item 65.

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

# VALVE HOUSE POWER AND LIGHTING SECTIONS AND DETAILS

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED BY: ... CHKD. C.M. ... SUBMITTED: C.M. Mayfield
DRAWN BY: ... INSP. A.M. ... RECOMMENDED: A.W. Buckland
APPROVED: F. Crawford

17-F-4R1

SAN FRANCISCO, CAL.

DATE AUGUST 27, 1952