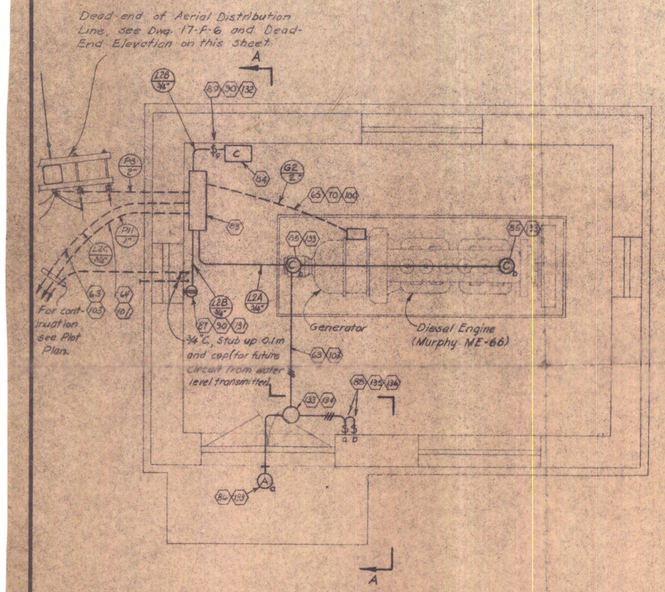
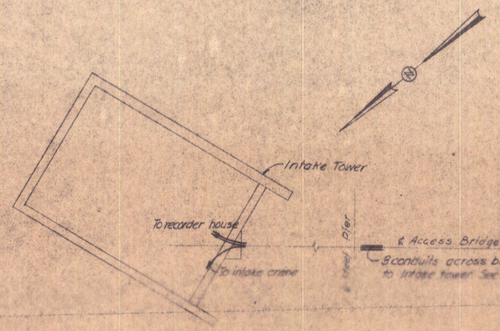
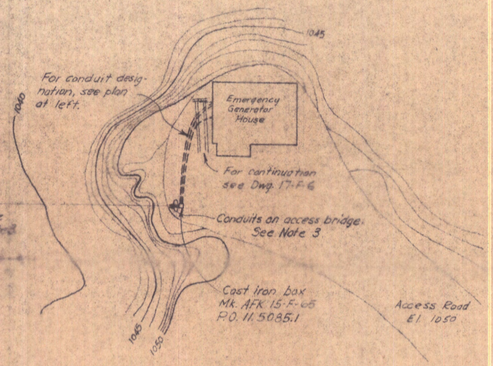
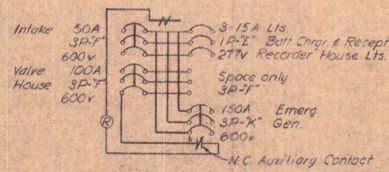


PLAN
Scale 1:33⅓

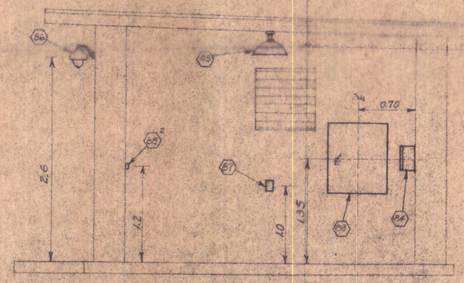




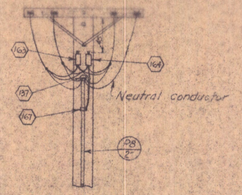
PLOT PLAN
Scale 1:200



(B3) PANEL BUS DIAGRAM



SECTION A-A
Scale 1:33⅓



ELEVATION
DEAD-END POLE
Scale 1:33⅓

REFERENCE DRAWINGS

1. 17-F-6 — Aerial Distribution Line
2. 17-F-8 — Single Line Diagram
3. 15-F-17 — Intake Tower Access Bridge - Assembly and Truss.
4. 15-F-65 — Intake Tower Access Bridge - Bent and Girder.
5. 13-F-26 — Intake Tower - Recorder House.
6. 13-F-28 — Intake Tower - Concrete Outline Sheet 2

GENERAL NOTES

1. All lighting circuits to be ¾" conduit and No. 12 type TW wire.
2. Field to supply 2 conductor flexible cable from battery charger to starting battery on diesel engine.
3. Electrical material shown on reference drawings 3, 4 & 6 is billed on this drawing.

BILL OF MATERIAL

SYMBOL	ITEM No.	QUAN. ORDD.	QUAN. REQ'D.	DESCRIPTION	P.O. No.	Remarks
	51	3	2	¾" conduit expansion fitting, OZ "EXE 75.	5071	
	52	3	2	Bonding jumper, OZ "EJE 75		for 51.
	53	2	1	1" conduit expansion fitting, OZ "EXE 100.		
	54	2	1	Bonding jumper, OZ "EJE 100.		for 52
	55	10	4	¾" conduit unions, Killark UF-2		
	56	5	2	1" conduit unions, Killark UF-3		
	57	2	1	1" conduit entrance fitting, T&B 1522.		
	58	5	3	Wire connector, OZ "YTP 8104		
	59	65	60	¾" ft. angle, Kearns conduit support		
	60	35	30	1" " " " " "		
	61	1	1	Pull box, OZ "YH 080804.		
	62	1	1	Pull box, OZ "YH 121204.		
	63	3400'	600'	Rigid conduit, ¾" galvanized.		
	64	1750'	330'	Rigid conduit, 1" galvanized.	5071 5094	
	65	200'	80'	Rigid conduit, 2" galvanized.	5071	
	70	3	3	Elbows, rigid conduit, 2" galvanized.	5092	
	78	1045'20 613'40	50	Wire, stranded copper, 1/0 & 2/0.	5072	
	83	1	1	Power and lighting distribution panel.	5092	
	84	1	1	Battery charger, copper oxide.		
	85	3	2	Lighting fixtures, R.L.M. frame, 200 w.		
	86			[illegible]		
	87	6	1	Receptacle, Hubbell 7250G with 2 7275G caps.		
	88			[illegible]		
	89			[illegible]		
	90	3	2	Outlet boxes, handy, Appleton OB-2-3 ¾		
	100	600'	60'	Wire, #3/0 stranded copper, type TW.	5072	
	101	1500'	1000'	Wire, #6 stranded copper, type TW.		
	103	1750' 750'	700'	Wire, #12 solid copper, type TW.	5094 5092	
	104	400'	200'	Wire, #2 stranded copper, type TW.	5092	
	106	6	1	Lamps, 230 volt 100 watt.	5088	
	107	36	3	Lamps, 230 volt 200 watt medium.	5088	
	131	2	1	Box cover for receptacle, Appleton OB-2510.	5092	
	132	2	1	Box cover, switch and cover, Appleton OB-2639.		
	133	5	4	Boxes, 4" octagonal, Appleton OB-40 ¾.		
	134	2	1	Box cover, Appleton OB-2403.		
	135	2	1	Box, 4" square, Appleton OB-43 ¾.		
	136	2	1	Box cover for 2 switches, Appleton OB-5366.		
	137	2	1	Entrance fitting, 2" conduit, Appleton EF-F200.		
	16	2	1	Connector, grounding, 2" conduit to #3, Burndy 601826	5094	
	139	6	3	Connector, grounding, #1/0 to Flat, Burndy GK-266	5092	
	140	3	2	" " #1/0 to ¾" pipe, Burndy GD-1426		
	141	3	2	" " #1/0 to 1" pipe, Burndy GD-1526		
	163	2	1	Lightning Arrester, 3 pole, 0-650 V. Outdoor type	5094	
	164	2	1	Capacitor, three phase, outdoor type.	5094	

REV. No.	DATE	MADE	CH'KD.	APR.	
1	9-16-52	E.L.M.	C.M.L.		Corrected B/M Items 64, 78, 106, 103, 104 and 167.

Scale: As Shown

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

EMERGENCY GENERATOR HOUSE POWER AND LIGHTING

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED E.L.M. DRAWN E.L.M. CHK'D C.M.L. INSP. E.H.D. SUBMITTED C.M.L. RECOMMENDED C.M.L. APPROVED

17-F-7 R1

SAN FRANCISCO, CAL.

DATE AUG. 27, 1952