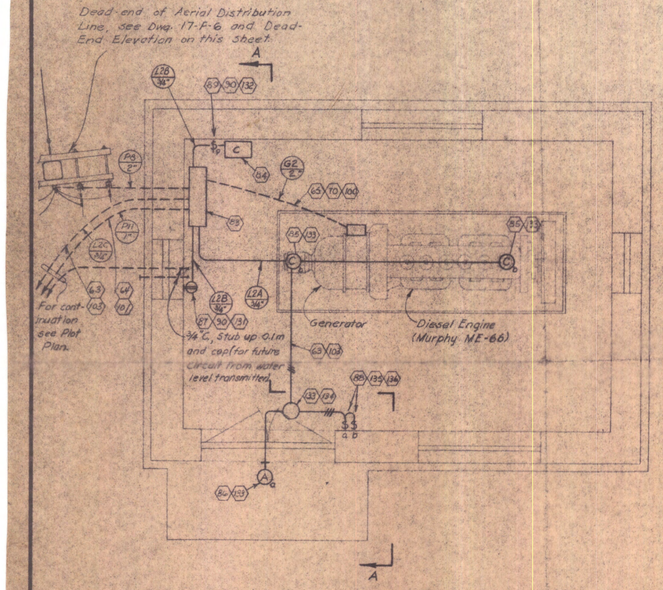
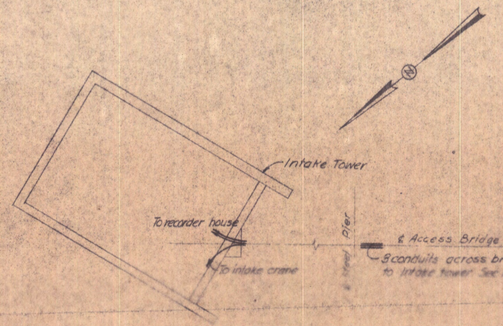
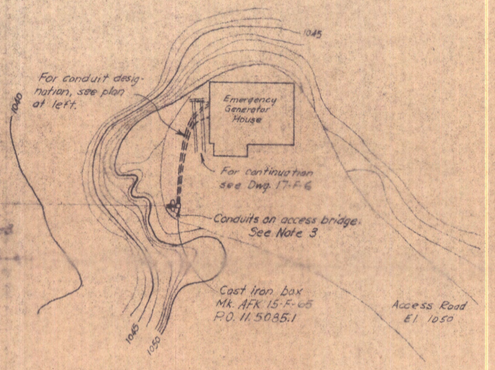
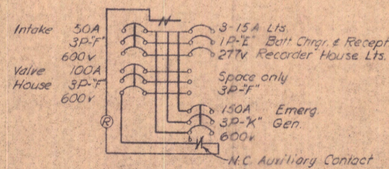


PLAN
Scale 1:33⅓

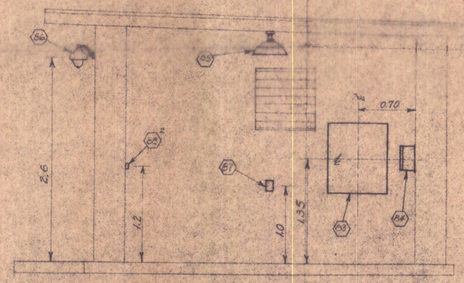




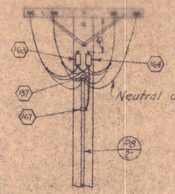
PLOT PLAN
Scale 1: 200



(83) 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. ORD'D.	QUAN. REC'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-3		
	56	3	2	1" conduit unions, Killark UF-3		
	57	2	1	1" conduit entrance fitting, T&B 1522.		
	58	5	3	Wire connector, OZ "STP 8104		
	59	65	60	¾" H. angle Kanis conduit support		
	60	35	30	1" " " " " "		
	61	1	1	Pull box, OZ "YH 4860604.		
	62	1	1	Pull box, OZ "YH 121204.		
	63	3400'	600'	Rigid conduit, ¾" galvanized.		
	64	1750'	330'	Rigid conduit, 1" galvanized.	5094	
	65	200'	80'	Rigid conduit, 2" galvanized.	5071	
	70	1	3	Elbows, rigid conduit, 2" galvanized.	5092	
	76	1045'@6 618'@10	50	Wire, stranded copper, 1/0 & 2/0.	5072	
	93	1	1	Power and lighting distribution panel	5092	
	94	1	1	Battery charger, copper oxide.		
	95	3	2	Lighting fixtures, R.L.M. name, 200 w		
	96					
	97	2	1	Receptacle, Hubbell 1-15UG with 2 7-1426 caps.		
	98					
	99	3	2	Outlet boxes, handy, Appleton OB-2-3 ½		
	100	600'	60'	Wire, #10 stranded copper, type TW.	5072	
	101	1500'	1000'	Wire, #6 stranded copper type TW.		
	103	1550' @ 700'	700'	Wire, #12 solid copper, type TW.	5094 5092	
	104	400'	200'	Wire, #2 stranded copper, type TW.	5072	
	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 ½.		
	134	2	1	Box cover, Appleton OB-2403.		
	135	2	1	Box, 4" square, Appleton OB-43 ½.		
	136	2	1	Box cover for 2 switches, Appleton OB-5366.		
	137	2	1	Entrance fitting, 2" conduit, Appleton EF-1200.		
	138	2	1	Connector, grounding, 2" conduit to ¾" Burndy GD1826.	5094	
	139	6	5	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		
	160	2	1	Lightning Arrester, 3 pole, 0-450 V. Outdoor type	5094	
	164	2	1	Capacitor, three phase, outdoor type.	5094	

REV. No.	DATE	MADE	CH'KD.	APP.	
1	9-16-52	E.L.M.	C.M.L.	[illegible]	Corrected B/M Items 64, 76, 106, 103, 104 and 107.

Scale: As Shown

MORRISON - KNUDSEN AFGHANISTAN, INC.

KAJAKAI DAM

EMERGENCY GENERATOR HOUSE POWER AND LIGHTING

INTERNATIONAL ENGINEERING CO., INC.

DESIGNED E.L.M. CHK'D C.M.L. SUBMITTED [illegible]
DRAWN E.L.M. INSP'D E.M.L. RECOMMENDED [illegible]
APPROVED [illegible]

17-F-7 R1

SAN FRANCISCO, CAL.

DATE AUG. 27, 1952