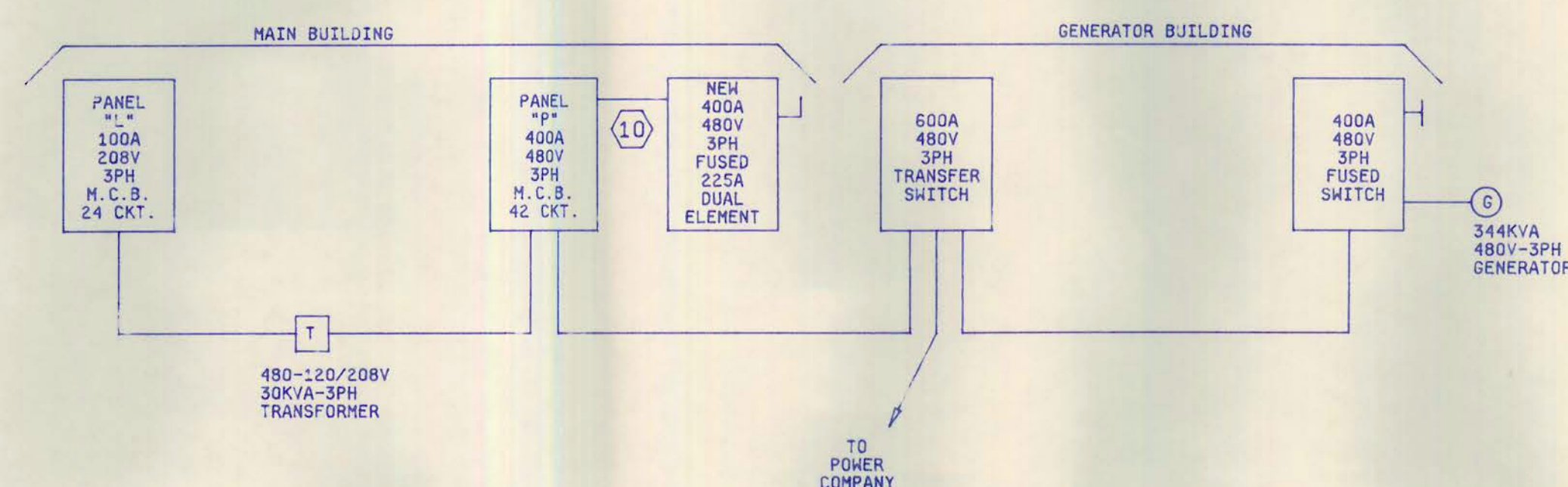
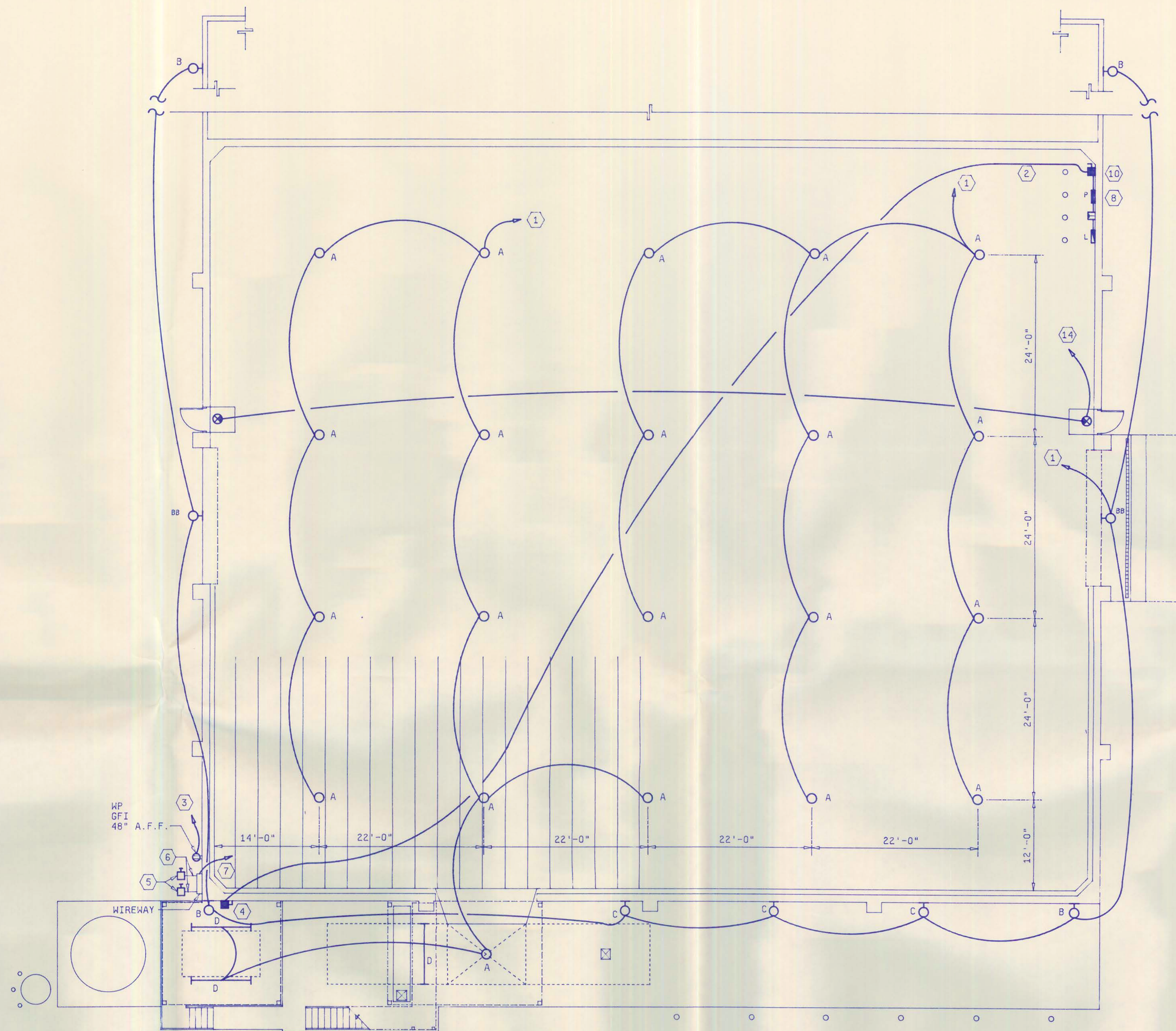




EXISTING ELECTRICAL SYSTEM RISER

N.T.S.

LEGEND:

- H.I.D. LIGHT FIXTURE SEE SCHEDULE
- FLUORESCENT LIGHT FIXTURE SEE SCHEDULE
- ⊗ EXIT LIGHT WITH BATTERY BACKUP
- DUPLEX RECEPTACLE 20A, 120V
- WP - WEATHER PROOF
- GFI - GROUND FAULT INTERRUPTER
- 277/480V PANELBOARD
- 120/208 PANELBOARD
- TRANSFORMER
- 480V DISCONNECT
- 208V DISCONNECT

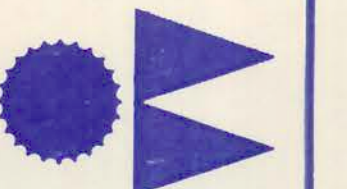
NOTES:

- 1 TO PANEL "P" - NEW 277V LIGHTING CIRCUIT
INSTALL 30A-1P BREAKER IN PANEL "P"
NEW CIRCUIT WIRING 3/4" CONDUIT WITH
2 #8, 1 #10 GRD. - TOTAL CIRCUIT LENGTH
- 2 1 1/2" CONDUIT WITH 3 #4/0, 1 #4 GRD.
- 3 TO PANEL "L" - NEW 120V POWER CIRCUIT
INSTALL 20A-1P BREAKER IN PANEL "L".
NEW CIRCUIT WIRING 1/2" CONDUIT WITH
2 #12, 1 #12 GRD.
- 4 200A-3P-480V NEMA 3R DISCONNECT
- 5 SUMP PUMP
30A-2P-208V NEMA 3R, FUSED DISCONNECT
FUSE PER MFR. RECOMMENDATION.
- 6 1/2"C. WITH 2-#12 AND 1 #12 GRD.
- 7 TO PANEL "L"
3/4"C. WITH 2#10 AND 1#12 GRD.
INSTALL NEW 30A-2P-208V BREAKER IN PANEL "L".
- 8 INSTALL NEW 20A-1P BREAKER IN PANEL "P" FOR
SITE LIGHTING CIRCUIT.
NEW CIRCUIT: 1" CONDUIT WITH 2 #8,
1 #10 GRD. - TOTAL CIRCUIT LENGTH
SEE SHT. C-2 FOR LOCATION OF 3 SITE POLE LIGHTS
PROVIDE 7 DAY TIME CLOCK
- 9 ALL WIRE - COPPER - THW
- 10 400A-3P-480V NEMA 3R, FUSED DISCONNECT
FUSE WITH DUAL ELEMENT 225A FUSES.
CONNECT TO SUPPLY SIDE OF PANEL "P".
2 1/2" CONDUIT WITH 3 #4/0, 1 #4 GRD.
- 11 REMOVE ALL INCINERATOR WIRING FROM PANEL "P"
AND PANEL "L"
- 12 REMOVE EXISTING LIGHTING CIRCUITS FOR MAIN
BUILDING FROM PANEL "L".
- 13 ELECTRICAL CONTRACTOR TO VERIFY THAT EXISTING
GENERATOR AND TRANSFER SWITCH IS IN GOOD
WORKING ORDER
- 14 TO PANEL "P" - NEW 277V LIGHTING CIRCUIT
INSTALL NEW 20A-1P-277V BREAKER WITH LOCKOFF
HANDLE - FOR EXIT LIGHTS

LIGHTING FIXTURE SCHEDULE:					
TYPE	MFG.	SYLVANIA LAMPS	VOLTS	MOUNTED	REMARKS
A	LITHONIA TE400ME17M-SF-CRT- XL-MG	MS400/BU-ONLY	277	SUSPENDED BOTTOM OF FIXT. 24" AFF OR AS HIGH AS POSSIBLE	REPLACES EXISTING LIGHTING SYSTEM
B	LITHONIA TFH400M-RM2-SF-DBL	MS400/HOR	277	SURFACE SAME LOCATION	REPLACES EXISTING LIGHT FIXTURES
BB	LITHONIA TF1000M-TA3-SF-DBL	MS1000/BU-ONLY	277	SURFACE SAME LOCATION	REPLACES EXISTING LIGHT FIXTURES
C	LITHONIA TFH400M-RM2-SF-DBL	MS400/HOR	277	SURFACE SAME HEIGHT AS "B"	
D	LITHONIA TDMA240-ES	4-F40 CW	277	SURFACE	
EXIT	LITHONIA-QUANTUM SERIES	INCLUDED	277V	SURFACE 14" A.F.F.	WITH BATTERY BACKUP
P1	LITHONIA KAS2-400S-R4-SF-DBL	MS400/HOR	277	40' CONC. POLE BURIED 6' IN 3" DIAMETER CONC. BASE	SEE SHT. C-2 FOR LOCATION 1 UNIT
P2	LITHONIA KAS3-400S-R5S-SF-DBL	MS400/HOR	277	40' CONC. POLE BURIED 6' IN 3" DIAMETER CONC. BASE	SEE SHT. C-2 FOR LOCATION 2 UNITS



WEDDING & ASSOCIATES
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LONG KEY TRANSFER STATION
FOR
WASTE MANAGEMENT INC.
MONROE COUNTY, FLORIDA

REVISIONS



POWER AND
LIGHTING PLAN

SHEET NO.

E2.1

08.15/90
90090.00