L:\2009-JOBS\209102-CHEMICAL MONITORING STATION\CAD-MEP\DWGS\209102_E001.DWG 3.8.2010 - 9:19:05 AM hewett, carl
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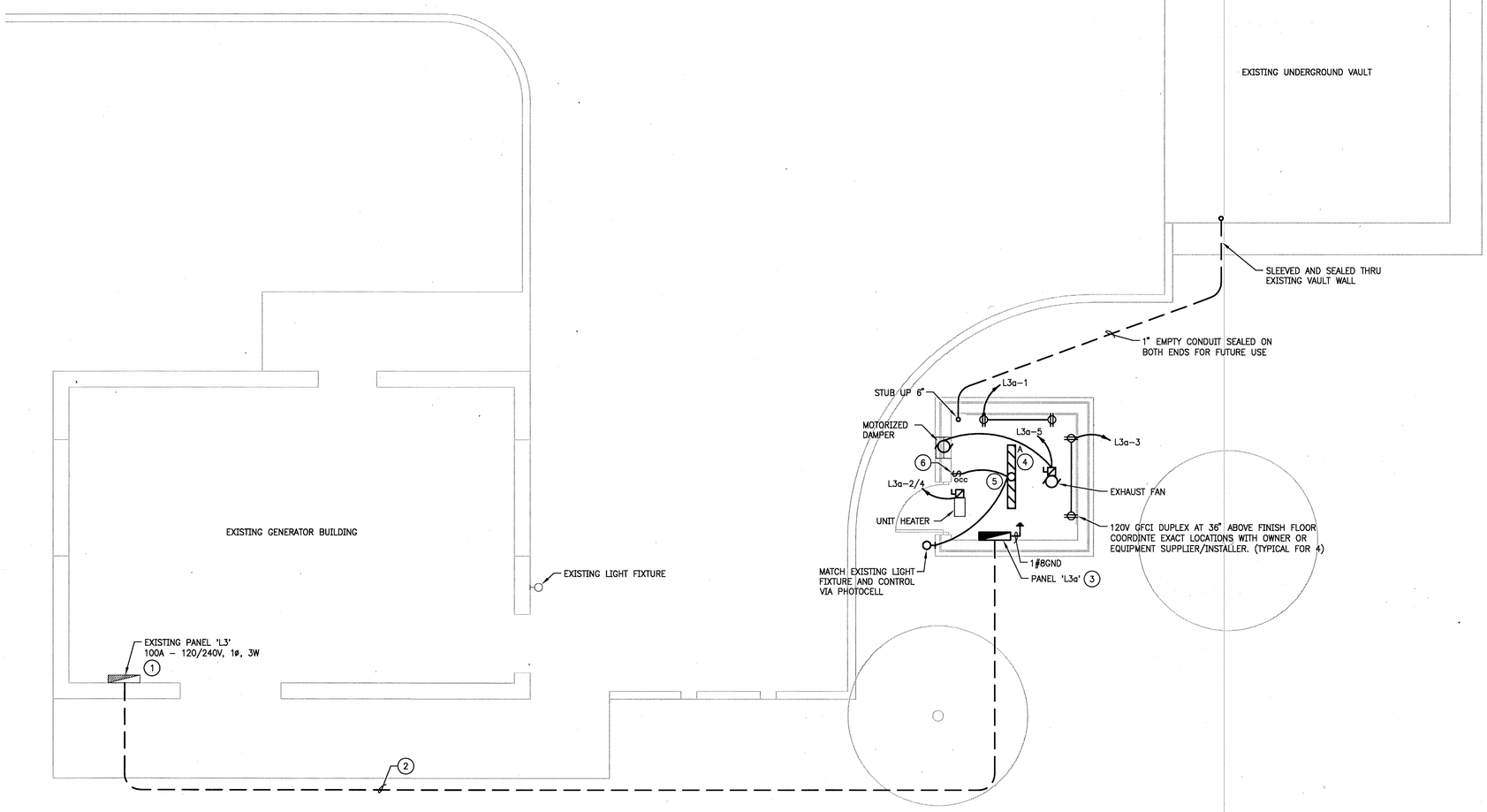
PANELBOARD SCHEDULE

PANEL DESIGNATION: L3a (SECTION 1) SERVICE: 120/240 VOLT, 1 PHASE, 3 WIRE MAINS: 30A MCB
POLES: 6
AIC (RMS SYM): 10,000 LOCATION: REMOTE BUILDING MOUNTING: SURFACE

SERVES	AMPS / POLES	LOAD (VOLT-AMPS) LTG	PWR	RCPT	CKT NO.			LOAD (VOLT-AMPS) LTG	PWR	RCPT	AMPS / POLES	SERVES
RECEPTACLES	20/1			360	1	A	2		1500		20/2	UNIT HEATER
RECEPTACLES	20/1			360	3	B	4		1500			(2)#12, 1#12G. - 3/4"C.
LIGHTS AND EXHAUST FAN	20/1	100	100		5	A	6				20/1	SPARE
		100	100	720				0	3000	0		

NOTES:

	CONNECT KVA		DESIGN KVA	AMPS
LIGHTING.....	0	x1.25=	0	
POWER.....	3	x1.0=	3	
RECEPTACLES.....	1	NEC 220-13	1	
TOTAL KVA / AMPS.....	4		4	16



01 FLOOR PLAN/SITE PLAN – ELECTRICAL

SCALE: 1/4"=1'-0"

GENERAL NOTES

1. REFER TO SHEET E0.02 FOR ELECTRICAL SYMBOL LEGEND AND SPECIFICATIONS.

NOTES BY SYMBOL

1. PROVIDE AND INSTALL (1) 30A/2P CIRCUIT BREAKER TO SERVE NEW SUB FEED PANEL 'L3a'. MATCH EXISTING PANELBOARD RATING.
2. ROUTE UNDERGROUND 1" RIGID GALVANIZED METALLIC CONDUIT FROM EXISTING PANEL 'L3' TO NEW SUB FEED PANEL 'L3a' WITH 3#8 THWN-CU, 1#10 GND.
3. NEW SUB FEED PANEL 'L3a' 120/240, 1P, 3W.
4. LIGHT FIXTURE TYPE 'A'. PROVIDE WITH EMERGENCY BATTERY BACK UP. LITHONIA MODEL NUMBER UNS-232-120-GEB10IS-EL.
5. CONNECT EMERGENCY BATTERY BACK UP AHEAD OF OCCUPANCY SENSOR LIGHT SWITCH.
6. WALL MOUNTED OCCUPANCY SENSOR LIGHT SWITCH. LEVITON MODEL NUMBER ODS15-1DW MOUNTED AT 48" ABOVE FINISH FLOOR.

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ISSUE FOR BID AND CONSTRUCTION

drawn:
checked:
project #: 2009-070
date: 08MAR10
scale: 1/4" = 1'-0"

FLOOR PLAN/SITE PLAN
ELECTRICAL

E0.01