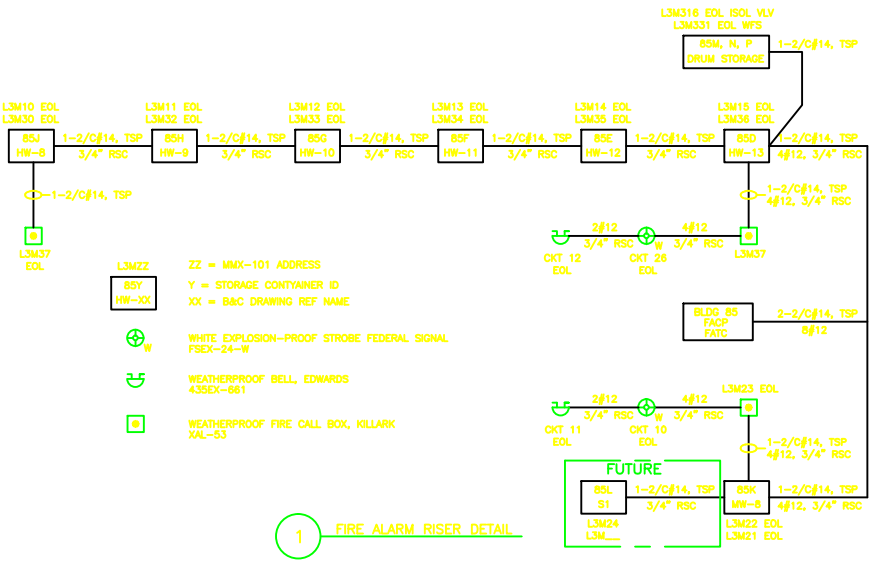

Diversity Code C = Continuous R = Receptacle	Panel No.: E358A Bldg. No.: 85 Location : Rm 1-02	Meters (Y): N Bus Amps: 400 KAIC: 22	3	Panel Volts: 208Y Main Brkr : 400 Amps Wire	#	4	Mounting Type: (S)urface or (F)lush: S Enclosure Type: NEMA: 1 Service Entrance Rated (Y): N	Diversity Code C = Continuous R = Receptacle
Diversity Code	Used for: / Room #	Triple frame	Ckt #	#	Ckt #	Triple frame	Used for: / Room #	Diversity Code
1,000	GP-003	BLH 20	1	A	2	BLH 20	Battery Charger Generator	500
1,000 •				B	4	BLH 20	Water Heater Generator •	500
7,200 •	Fire Alarm Panel E358A5A	BLH 60	5	C	6	BLH 20	Funnel Hood Damper Room 120 •	
1,000 •	Receptacle HW-14	BLH 20	7	A	8	BLH 20	Receptacle HW-14 •	1,000
1,000 •	Generator Leak Detector Water Pit Monitor	BLH 20	9	B	10	BLH 20	Out Bldg. Feeder 85H(HW-9) •	500
500 •	Out Bldg. Feeder 85E(HW-12) & 85D(HW-13)	BLH 20	11	C	12	BLH 20	Out Bldg. Feeder 85K(MN-8) •	1,000
1,000 •	Out Bldg. Feeder 85G(HW-10) & 85F(HW-11)	BLH 20	13	A		BLH 20	Out Bldg. Feeder 85J(HW-8)	1,000
1,000 •	Spare	BLH 20	15	B	16	BLH 20	•	1,000
1,000 •	HEF Sidd Solenoids On Substation Pad	BLH 20	17	C	18	BLH 20	HEF Pump #1 & 2 •	1,000
500 •	Solid Hood #1 Damper	BLH 20	19	A	20	BLH 20	Solid Hood #2 Damper •	500
1,000 •	FPU-002	BLH 20	21	B	22	BLH 20	FPU-004 •	1,000
1,000 •	FPU-003	BLH 20	23	C	24	BLH 20	FPU-005 •	500
500 •	FPU-001A	BLH 20	25	A	26	BLH 20	FPU-001B •	500
500 •	Spare	BLH 20	27	B	28	BLH 20	Upper Gate Operator •	
•	Spare		29	C	30	BLH 20	Lower Gate Operator •	
12,735				A				10,035
13,610	Panel E358A33A Rm 1-02	EDH 125	33	B	34	QJH2 150	Panel E358A34A Rm 2-10	9,150
12,610				C				10,250
•	HEF Sidd @ Substation Pad Pump Heaters	BLH 20	37	A	38	BLH 20	Spare •	
1,584 •	SL-01-85H 85H(HW-9)	BLH 20	39	B	40	BLH 20	Spare •	
1,584 •		BLH 20		C	42	BLH 20	Spare •	
60,323	WA							38,435 WA

30.3	A ø kWA	Reference Totals
31.8	B ø kWA	98.8 ABC ø kVA
36.6	C ø kWA	0.0 Cont. kVA
0.0	Plus 25% of Continuous Loads kVA	0.0 Recpt kVA
0.0	Minus 50% of Receptacle Loads Over 10 kVA	
98.8	Panel Demand kVA	
274.1	Panel Demand Amps	Based on: 208 V

SEE CURRENT PANEL SCHEDULE FOR LATEST CHANGES

REVISION NUMBER	DRAWN BY	CHECKED BY	APPV'D BY	DATE	REMARKS
C	ROB	MCG	MCG	03/17/98	AS-BUILT
B	ROB	MCG	MCG	2/24/98	ADD 85M, N, P WF SWITCH
A	ROB	MCG	MCG	6/6/97	AS-BUILT

85
STORAGE CONTAINERS
PANEL SCHEDULE & F.A. RISER

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY
FACILITIES DEPARTMENT

DRAWN BY	ROB	DATE 04/15/97
CHECKED BY	MCG	04/15/97
APPROVED BY	MCG	04/15/97
CAD FILE PATH	00010532	
SCALE	As Noted	
DRAWING NO.	4B85E010C	SHEET E2 1 OF 1
PROJECT NO.	FX9026	