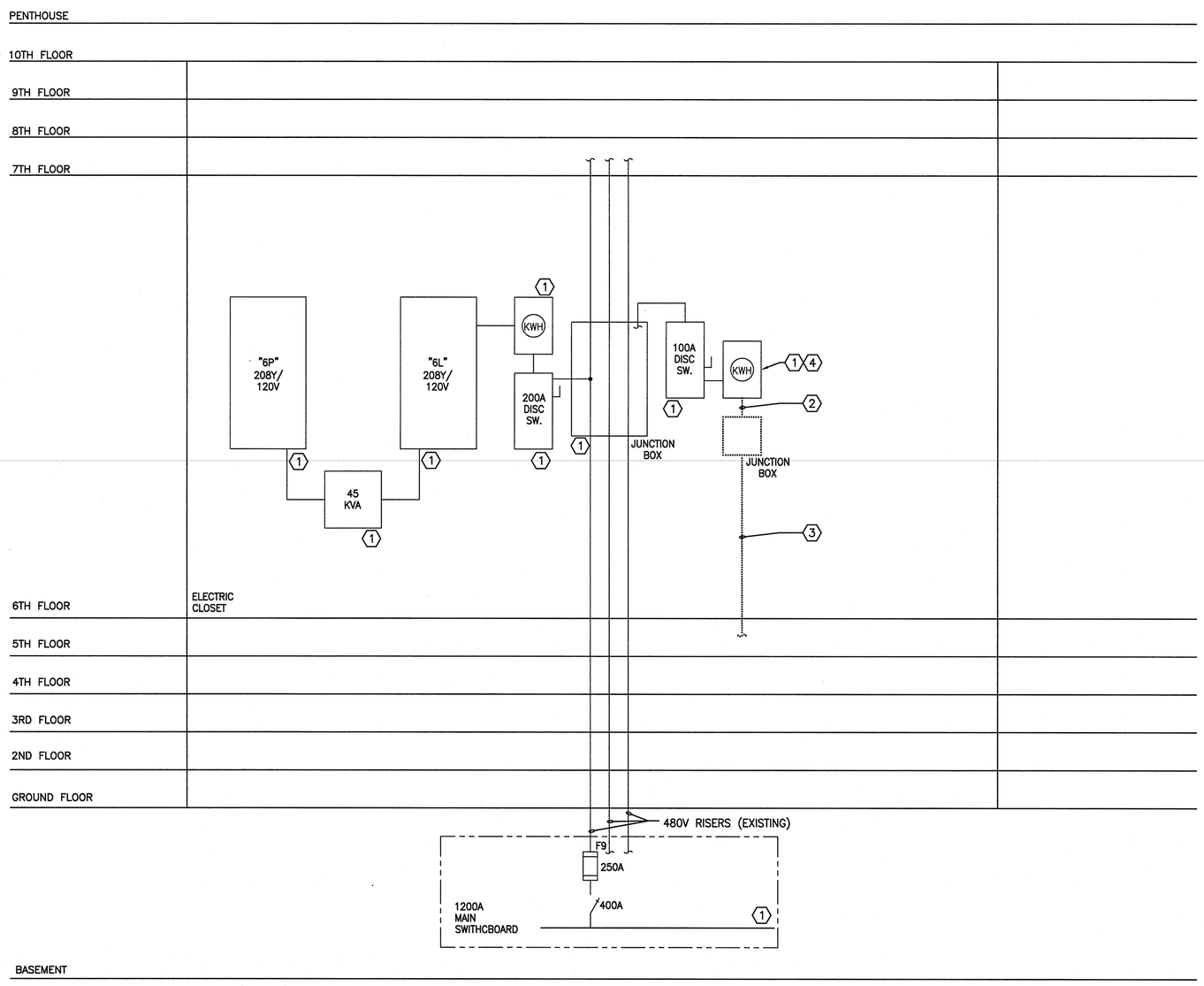
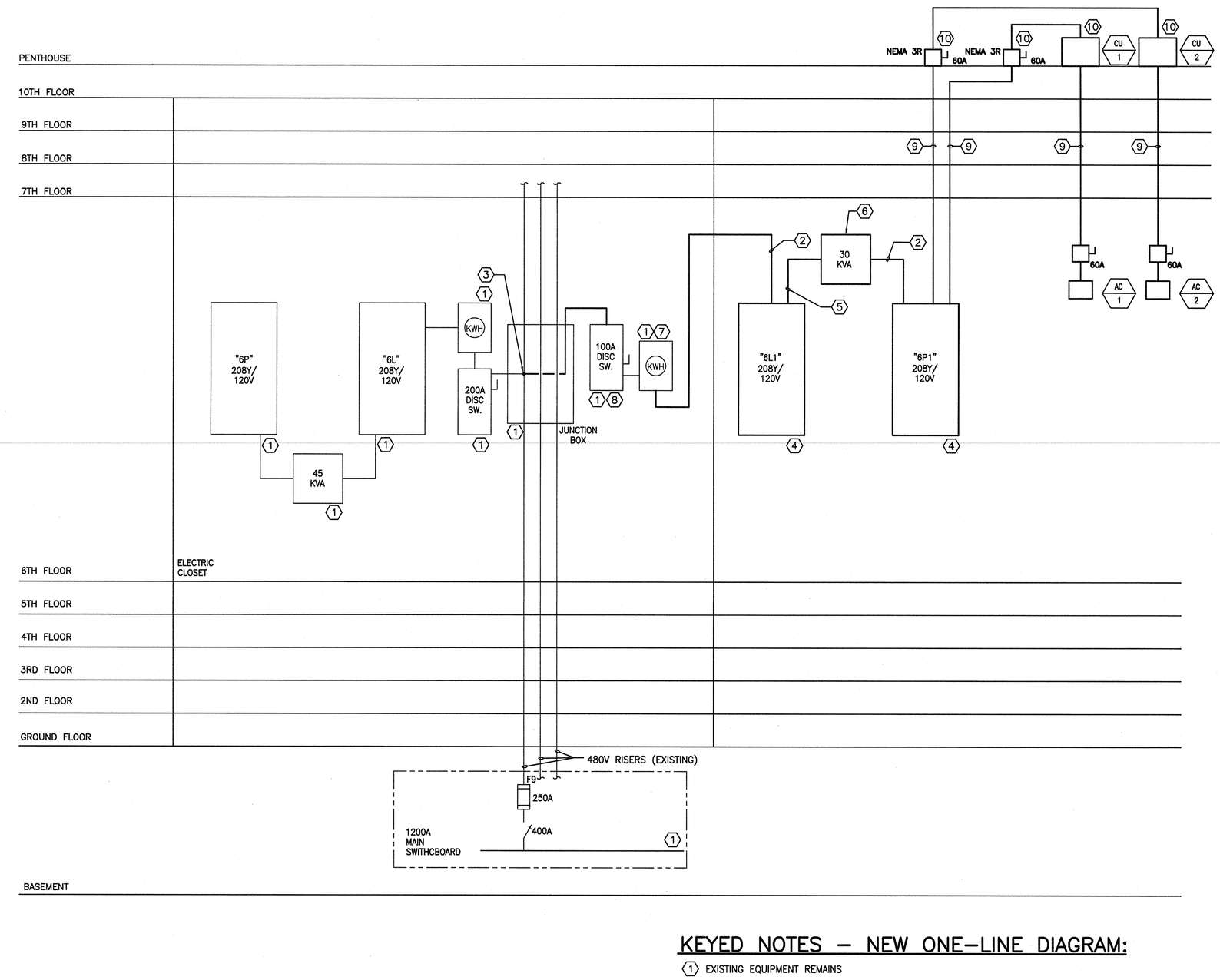


KEYED NOTES – DEMOLITION ONE-LINE DIAGRAM:

1. EXISTING EQUIPMENT REMAINS
2. REMOVE CONDUIT AND CONDUCTORS BETWEEN METER SOCKET AND JUNCTION BOX.
3. MAKE CONDUCTORS SAFE AND ABANDON CONDUIT AND CONDUCTORS IN PLACE.
4. VERIFY METER SOCKET MEETS C.M.P. REQUIREMENTS. REPLACE IF NECESSARY.

1 DEMOLITION ONE-LINE DIAGRAM NONE



KEYED NOTES – NEW ONE-LINE DIAGRAM:

1. EXISTING EQUIPMENT REMAINS
2. PROVIDE 4#2 & #8 GND, 1 1/2"C
3. CONFIRM ALL 6TH FLOOR FEEDERS ARE TAPPED FROM THE SAME RISER.
4. PROVIDE PANELS AS NOTED IN PANEL SCHEDULES.
5. PROVIDE 3#8 & #10 GND, 1"C
6. PROVIDE 30KVA, 480V DELTA, 208Y/120V DRY TYPE TRANSFORMER.
7. COORDINATE WITH C.M.P. TO PROVIDE NEW METER.
8. PROVIDE 100A FUSES.
9. PROVIDE 2#8 & #10 GND, 3/4"C. FOLLOW REFRIGERANT PIPE ROUTE BETWEEN FLOOR. COORDINATE WITH MECHANICAL CONTRACTOR.
10. EQUIPMENT LOCATED OUTSIDE, ON ROOF. SEE DRAWING M1.17 FOR LOCATIONS.

2 NEW ONE-LINE DIAGRAM NONE

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
RECEPTS RMS: 602, 603	0.9			1	20		20	2	1.5			RECEPTS RMS: 608, 609
RECEPTS RMS: 604, 605		1.1		3	20		20	4		1.5		RECEPTS RMS: 610, 611
RECEPTS RMS: 606, 607			1.5	5	20		20	6			1.5	RECEPTS RMS: 612, 613
RECEPTS RMS: 614, 615	1.5			7	20		20	8	0.9			RECEPTS RMS: 618
RECEPTS RMS:616		1.2		9	20		20	10		1.2		RECEPTS RMS: 619
RECEPTS RMS: 601, 620			1.4	11	20		20	12			0.7	RECEPTS RMS: 623
RECEPTS RMS: 623	1.4			13	20		20	14	0.5			RECEPTS RMS: RECEPTION
RECEPTS RMS: 623		0.6		15	20		20	16		0.6		BEVERAGE COOLER RECEPTION
MICROWAVE RM 623			1.2	17	20		20	18			1.0	AV EQUIPMENT CONFERENCE
ICEMAKER RM 623	0.9			19	20		20	20	0.6			BEVERAGE COOLER CONFERENCE
GARBAGE DISPOSAL RM 623		1.0		21	20		20	22		1.0		AV EQUIPMENT CONFERENCE
DISHWASHER RM 623			1.4	23	20		20	24			1.8	VAV-1, VAV-3
COPIER RM 620	1.5			25	20		20	26	1.8			VAV-2, VAV-13
COPIER RM 620		1.5		27	20		20	28		1.8		VAV-4, VAV-5
RECEPTS RMS: 620			0.4	29	20		20	30			1.8	VAV-11, VAV-12
CU-1/AC-1	2.6			31	40		20	32	1.8			VAV-6
		2.6		33			20	34		1.8		VAV-7, VAV-8
CU-2/AC-2			2.6	35	40		20	36			1.8	VAV-9, VAV-10
	2.6			37			20	38				SPARE
SPARE				39	20		20	40				SPARE
SPARE				41	20		20	42				SPARE
SUB-TOTAL	11.4	10.6	8.5			NEUTRAL BUS / GROUND BUS	7.1	7.9	8.6			SUB-TOTAL

VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	18.5	PANEL NO. 6P1
MAIN BREAKER: 100A 100 AMP TRIP	TOTAL kVA B	18.5	
MOUNTING: RECESSED	TOTAL kVA C	17.1	LOCATION OFFICE SERVICES 620
SC RATING: 10KAIC	TOTAL kVA	54.1	
NOTES:			

DIRECTORY	kVA LOAD A	kVA LOAD B	kVA LOAD C	CKT NO.	BKR AMPS	A B C	BKR AMPS	CKT NO.	kVA LOAD A	kVA LOAD B	kVA LOAD C	DIRECTORY
LTG RECEPTION & CONFERENCE AREAS	2.0			1	20		20	2				SPARE
LTG WEST OFFICE AREAS		2.2		3	20		20	4				SPARE
LTG EAST OFFICE & CORRIDOR AREAS			3.1	5	20		20	6				SPARE
SPACE				7				8				SPACE
SPACE				9				10				SPACE
SPACE				11				12				SPACE
SPACE				13				14				SPACE
SPACE				15				16				SPACE
SPACE				17				18				SPACE
SPACE				19				20				SPACE
SPACE				21				22				SPACE
SPACE				23				24				SPACE
	15.9			25				26				SPACE
TRANSFORMER 6T1		15.9		27	45			28				SPACE
			14.3	29				30				SPACE
SUB-TOTAL	17.9	18.1	17.4			NEUTRAL BUS / GROUND BUS	0.0	0.0	0.0			SUB-TOTAL

VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 100 AMP BUS	TOTAL kVA A	17.9	PANEL NO. 6L1
MAIN LUGS ONLY 100 AMP LUGS	TOTAL kVA B	18.1	
MOUNTING: RECESSED	TOTAL kVA C	17.4	LOCATION OFFICE SERVICES 620
SC RATING: 22KAIC	TOTAL kVA	53.4	
NOTES:			

NOTE:

1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

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FISHER & PHILLIPS, LLP.
PORTLAND, MAINE

ONE MONUMENT SQUARE
6TH FLOOR

PROJECT ADDRESS
PORTLAND, MAINE

STATE OF MAINE WILLIAM R. HEIL No. 7880 LICENSED PROFESSIONAL ENGINEER
5/7/12

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Associated Space Design, Inc. 2011

NO:	DATE:	REMARKS:
0	05/09/2012	FOR LANDLORD REVIEW, BID, PERMIT AND CONSTRUCTION

REVISIONS:

DRAWING TITLE: ONE-LINE DIAGRAMS

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