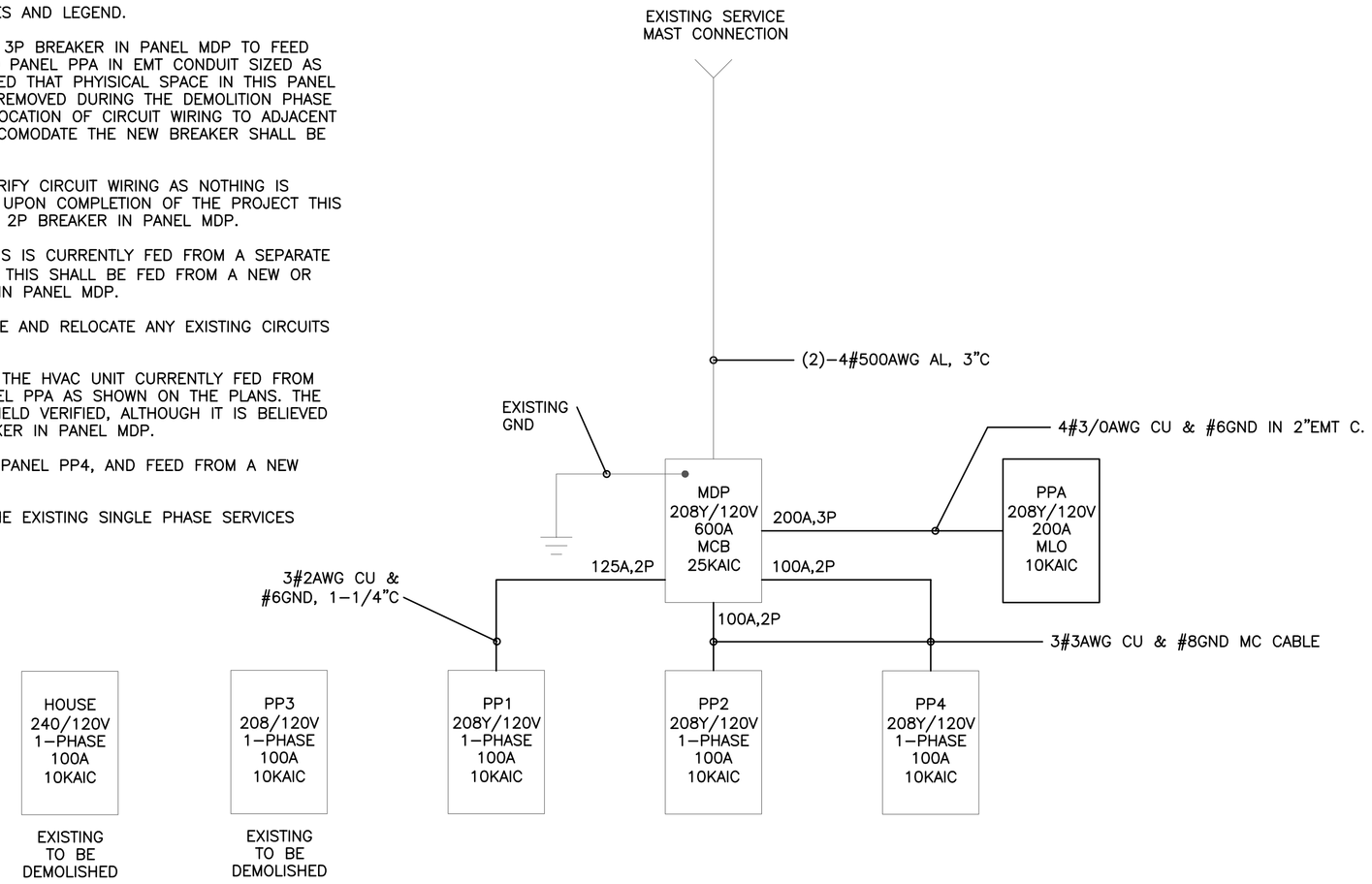
NOTES:

1. SEE DRAWING E0 FOR GENERAL NOTES AND LEGEND.
2. INTENT IS TO FURNISH A NEW 200A, 3P BREAKER IN PANEL MDP TO FEED NEW PANEL PPA. INSTALL FEEDER TO PANEL PPA IN EMT CONDUIT SIZED AS SHOWN ON DRAWING. IT IS ANTICIPATED THAT PHYSICAL SPACE IN THIS PANEL WILL BE CREATED AS CIRCUITS ARE REMOVED DURING THE DEMOLITION PHASE OF THIS PROJECT. ANY AND ALL RELOCATION OF CIRCUIT WIRING TO ADJACENT BREAKERS WITHIN THIS PANEL TO ACCOMODATE THE NEW BREAKER SHALL BE INCLUDED IN THIS SCOPE OF WORK.
3. INTENT IS TO RETAIN PANEL PP1. VERIFY CIRCUIT WIRING AS NOTHING IS CURRENTLY LABELED IN PANEL MDP. UPON COMPLETION OF THE PROJECT THIS SHOULD BE FED FROM A NEW 125A, 2P BREAKER IN PANEL MDP.
4. INTENT IS TO RETAIN PANEL PP2. THIS IS CURRENTLY FED FROM A SEPARATE 120/240V SERVICE TO THE BUILDING THIS SHALL BE FED FROM A NEW OR EXISTING SPARE 100A, 2P BREAKER IN PANEL MDP.
5. INTENT IS TO DEMOLISH PANEL HOUSE AND RELOCATE ANY EXISTING CIRCUITS INTO PANEL PP2.
6. INTENT IS TO DEMOLISH PANEL PP3. THE HVAC UNIT CURRENTLY FED FROM THIS PANEL WILL BE FED FROM PANEL PPA AS SHOWN ON THE PLANS. THE SOURCE OF THIS PANEL SHALL BE FIELD VERIFIED, ALTHOUGH IT IS BELIEVED TO BE FED FROM A 100A, 2P BREAKER IN PANEL MDP.
7. INTENT IS TO RETAIN AND RELOCATE PANEL PP4, AND FEED FROM A NEW 100A, 2P BREAKER IN PANEL MDP.
8. UPON COMPLETION OF THIS WORK THE EXISTING SINGLE PHASE SERVICES SHALL BE DEACTIVATED.



1 ELECTRICAL ONE-LINE DIAGRAM
SCALE: N.T.S.

LIGHTING SCHEDULE

TYPE	DESCRIPTION	MANFACTURER	LAMPS	MOUNTING	NOTES
A	2' X 4' ENERGY EFFICIENT 12 CELL PARABOLIC 120V	COLUMBIA LIGHTING	(2) – 32W SUPER T8	CEILING GRID	CAT #: EMX24-232G-MS26-S
A2	2' X 2' ENERGY EFFICIENT 6 CELL PARABOLIC 120V	COLUMBIA LIGHTING	(2) – 17W T8	CEILING GRID	CAT #: EMX22-217G-MS23-S
B	20" DIAMETER CLOSE TO CEILING FIXTURE WITH WHITE FINISH AND OPAL WHITE ACRYLIC LENS (ADA LISTED) 120V	AMERICAN SCIENTIFIC LIGHTING	(2) – 32W TRIPLE TUBE CF	CEILING SURFACE	CAT #: HRO-FSN-FW
C	4' X 11" FLOURESCENT WRAPAROUND VANDAL RESISTANT FIXTURE WITH SUPER T8 LAMP/BALLAST 120V	COLUMBIA LIGHTING	(2) – 32W SUPER T8	WALL MOUNT 8'-0" AFF	CAT #: VRM4-232
D	2' X 4' ACRYLIC TROFFER SPECIFICATION GRADE 120V	COLUMBIA LIGHTING	(2) – 32W SUPER T8	CEILING GRID	CAT #: 4PS24-232G-FSA12
E	24" VANITY FIXTURE, WHITE FINISH, SATIN WHITE ACRYLIC LENS (ADA LISTED) 120V	AMERICAN SCIENTIFIC LIGHTING	(2) – 17W T8	WALL SURFACE	CAT #: DRBV-FW-SWA
F	10" SQUARE SURFACE MOUNT FIXTURE, WHITE FINISH, WHITE POLYCARBONATE LENS (WET LOCATION AND ADA LISTED) 120V	AMERICAN SCIENTIFIC LIGHTING	(1) – 32W TRIPLE TUBE CF	CEILING SURFACE	CAT #: DSB-FW-WP
G	24" UNDERCABINET LIGHT 120V	AMERICAN SCIENTIFIC LIGHTING	(1) – 17W T8	UNDER CABINET	CAT #: GUS
	LED EXIT/EMERGENCY LIGHT COMBINATION RED LETTERING, WHITE FINISH, REMOTE CAPACITY 120V	DUALLITE CVT SERIES	(2)-5.4W SBT	WALL SURFACE	CAT #: CVT3RW3
	EMERGENCY BATTERY UNIT 120V	DUALLITE CV SERIES	(2)-5.4W SBT	WALL SURFACE	CAT #: CV3

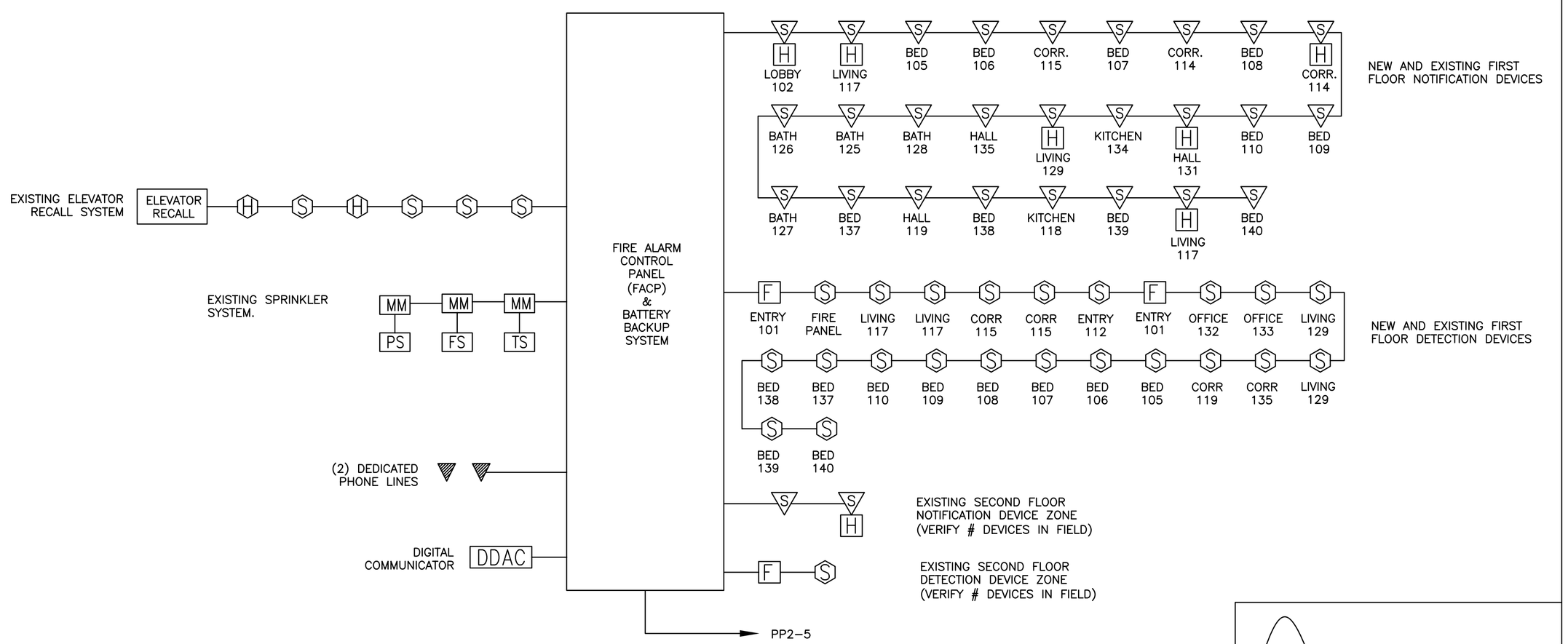
3 FIXTURE SCHEDULE
SCALE: N.T.S.

DIRECTORY	KVA LOAD A	KVA LOAD B	KVA LOAD C	CKT #	BKR AMPS	PHASE	BKR AMPS	CKT #	KVA LOAD A	KVA LOAD B	KVA LOAD C	DIRECTORY
BEDROOM LIGHTS	0.7			1	20	A	20	2	1.5			BEDROOM 105/106 RCPTS
LIVING 117/KITCHEN 118 LTS		1.3		3	20	B	20	4		1.5		BEDROOM 107/108 RCPTS
LIVING 129/KITCHEN 134 LTS			1.2	5	20	C	20	6			1.5	BEDROOM 109/110 RCPTS
BATHROOM LTS & FANS	0.7			7	20	A	20	8	1.3			LVG 117/SENSORY 116 RCPTS
OFFICE LIGHTS		0.5		9	20	B	20	10		0.7		RELOCATED GAS HVAC
SPARE			*	11	20	C	20	12			1.1	DESK 117 & HALL RECPTS
SPARE	*			13	20	A	20	14	1.5			BEDROOM 139/140 RCPTS
SPARE		*		15	20	B	20	16		1.5		BEDROOM 137/138 RCPTS
SPARE			*	17	20	C	20	18			1.3	LIVING 129 RCPTS
GAS HVAC UNIT – LIFE 123	0.7			19	20	A	20	20	0.6			FREEZER KITCHEN 118
GAS HVAC UNIT – LIFE 123		0.7		21	20	B	20	22		1.5		KITCHEN RCPTS 118
OFFICE 132/133 RCPTS			1.1	23	20	C	20	24			1.1	DISHWASHER KITCHEN 118
DESK/SENSORY 130 RCPTS	1.1			25	20	A	20	26	1.5			KITCHEN RCPTS 118
OVEN KITCHEN 134		1.7		27	30	B	40	28		2.8		COOKTOP KITCHEN 118
			1.7	29		C		30			2.8	
COOKTOP KITCHEN 134	2.8			31	40	A	30	32	1.7			OVEN KITCHEN 118
		2.8		33		B		34		1.7		
KITCHEN RCPTS 134			1.5	35	20	C	20	36			1.1	WASHER
DISHWASHER KITCHEN 134	1.1			37	20	A	20	38	0.8			GAS DRYER
KITCHEN RCPTS 134		1.5		39	20	B	20	40		0.8		GAS DRYER LAUNDRY 136
WASHER LAUNDRY 136			1.1	41	20	C	20	42			0.6	FREEZER 136
SUBTOTAL	7.1	8.5	6.6						8.9	10.5	9.5	SUBTOTAL

VOLTAGE: 208Y/120V	PHASE: 3	POLES: 4	TOTAL KVA A-PHASE	16.0	PANEL / PPA
MAIN LUGS ONLY		BUS AMPS: 200A	TOTAL KVA B-PHASE	19.0	
MOUNTING: SURFACE			TOTAL KVA C-PHASE	16.1	LOCATION / ELECTRICAL ROOM
SHORT CIRCUIT RATING: 25KAIC			TOTAL KVA	51.1	

NOTES: NEW PANELBOARD SHALL BE OF DOOR-IN-DOOR CONSTRUCTION WITH KEYLOCKABLE DOORS WITH FLUSH HANDLES.

2 ELECTRICAL PANEL SCHEDULES
SCALE: N.T.S.



4 FIRE ALARM RISER DIAGRAM
SCALE: N.T.S.

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Title
ELECTRICAL PANEL SCHEDULES AND ELECTRICAL RISER DIAGRAM

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

Date: 2/6/09

Revisions

Sheet
E4