



Office of General Services

**DESIGN & CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242**

ADDENDUM NO. 5 TO PROJECT NO. 45382

**HAZARDOUS, CONSTRUCTION, HVAC, PLUMBING, AND ELECTRICAL WORK
RENOVATE BUILDING 8, 8TH & 9TH FLOOR
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE.
ALBANY, NY**

November 1, 2024

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual.
Acknowledge receipt of this Addendum in the space provided on the Bid Form.

HVAC WORK DRAWINGS

1. Drawing No. M-107: Add General Note 4. to read: "4. THE REMOVAL OF EXISTING ASBESTOS-CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACT PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL."
2. Drawing No. M-108: Add General Note 4. to read: "4. THE REMOVAL OF EXISTING ASBESTOS-CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACT PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL."
3. Drawing No. M-109: Add General Note 5. to read: "5. THE REMOVAL OF EXISTING ASBESTOS CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS THRU THE 9TH FLOOR SLAB AND DECKING IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL."

4. Drawing No. M-207: Add General Note 4. to read: “4. THE REMOVAL OF EXISTING ASBESTOS-CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACT PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL.”
5. Drawing No. M-208: Add General Note 3. to read: “3. THE REMOVAL OF EXISTING ASBESTOS-CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACT PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL.”
6. Drawing No. M-209: Add General Note 3. to read: “3. THE REMOVAL OF EXISTING ASBESTOS CONTAMINATED CONCRETE AND METAL DECK FOR DUCT AND PIPE OPENINGS AND CORE DRILLS THRU THE 9TH FLOOR SLAB AND DECKING IS REQUIRED TO BE PERFORMED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR PROVIDED BY THE H-CONTRACT IN ACCORDANCE WITH THE APPROVED SITE-SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL.”
7. Revised Drawings:
 - a. Drawing No. M-800 noted “REVISED DRAWING 11/1/24” accompanies this Addendum and supersedes the same numbered originally issued drawing.

ELECTRICAL WORK DRAWINGS

8. Drawing No. ED-601:
 - a. Delete Coded Removal Note 1. and replace with the following: “1. DE-ENERGZIE, DISCONNECT AND REMOVE FEEDER FROM SUBSTATION TO POWER PANELS 8-5-C-HV, 8-6-C-HV, 8-7-C-HV, 8-8-C-HV, 8-9-C-HV AND REPLACE. FEEDER SIZE SHALL MATCH EXISTING. PANELS ARE LOCATED BETWEEN COLUMNS 6F AND STAKED ON RESPECTIVE FLOORS WITHIN IDENTICAL CLOSET. WORK SHALL BE COMPLETED ON WEEKENDS WITH PANELS ON THE 5TH AND 6TH FLOORS NEEDING TO BE OPERATIONAL BY 6 AM THE NEXT WORKING DAY.
 - b. Delete Coded Removal Note 9. and replace with the following: “9. EXISTING GE INTELLIGUARD BREAKER CURRENTLY LABELED AS GTB-2, HOWEVER THE BREAKER IS NOT BEING USED. CHANGE OVERCURRENT PLUG FROM 100A TO 800A AND USE BREAKER TO FEED 800A BUS DUCT TO PANEL PH-HV-3 IN PENTHOUSE.
 - c. Delete Coded Removal Note 10. and replace with the following: “10. DISCONNECT AND REMOVE EXISTING 200’ OF 3” CONDUIT WITH 3 SETS OF (3) 350 KCMIL AND (1) #2G.”

- c. Delete Coded Removal Note 11. and replace with the following: “11. EXISTING OPEN SWITCH VERIFY FRAME SIZE AND TRIP RATING. REPLACE WITH GE INTELLIGUARD TYPE BREAKER WITH 1600AMP FRAME AND 800A AND USE BREAKER TO POWER FIRE PUMP CONTROLLER.
9. Revised Drawings:
- a. Drawing No. E-101A, E-110, E-602, E-607, noted “REVISED DRAWING 11/1/24” accompanies this Addendum and supersedes the same numbered originally issued drawing.

END OF ADDENDUM

Brady Sherlock, P.E.
Director, Division of Design
Design & Construction

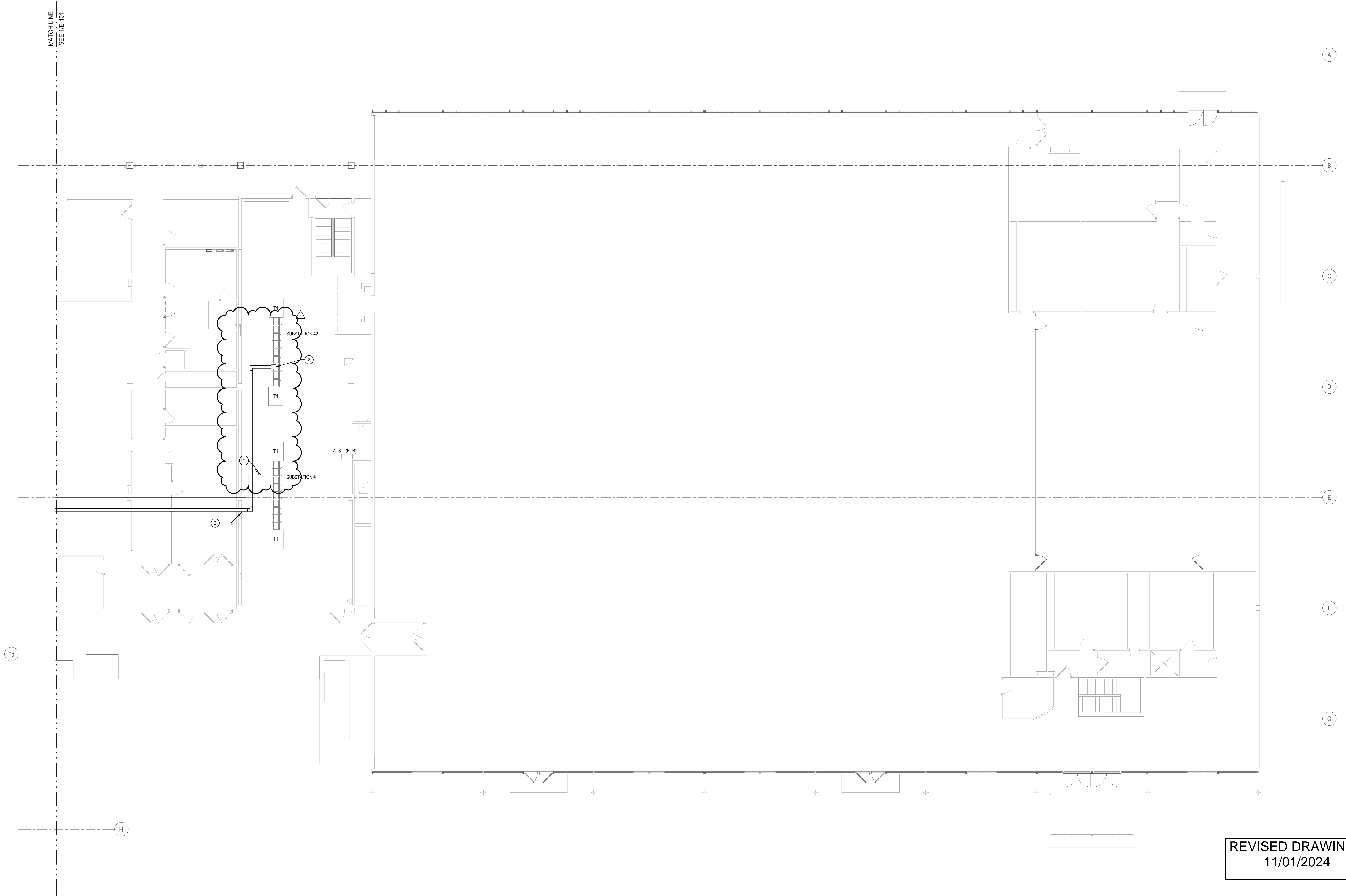


GENERAL ASBESTOS ABATEMENT NOTES:

- EXISTING CONCRETE FLOORS, METAL CEILING DECKS, PLASTER AND CMU WALLS ARE CONTAMINATED WITH ASBESTOS. ALL ELECTRICAL WORK IMPACTING THESE SURFACES SHALL BE COMPLETED BY A LICENSED ASBESTOS ABATEMENT CONTRACTOR IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS, AS WELL AS SECTION 00310 AND THE APPROVED SITE SPECIFIC VARIANCE FILE NO. 23-1078. WORK INCLUDES: PULLING NEW WIRES IN EXISTING RACEWAYS, FEEDERS, ETC., MOUNTING BACKERBOARDS TO EXISTING CMU WALLS, INSTALLING HANGERS TO METAL DECK ON THE 7TH AND 8TH FLOORS ONLY, AND INSTALLING CORES IN THE 7TH AND 8TH FLOOR CEILING/FLOOR DECKS, AND INSTALLING CORES THROUGH EXISTING PLASTER/CMU WALLS.
- REFER TO SPECIFICATION SECTION 003106 FOR EXISTING HAZARDOUS MATERIALS INFORMATION AND THE PRE-RENOVATION HAZARDOUS MATERIALS SURVEY REPORT APPENDED TO THE PROJECT MANUAL.
- ALL FLOOR PENETRATIONS PRESENT AT THE BEGINNING OF WORK OR EXPOSED DURING WORK SHALL BE SEALED WATER-TIGHT AND REMAIN SO THROUGHOUT THE ASBESTOS ABATEMENT ACTIVITIES. IT IS CRITICAL THAT THE CONTAINMENT AREAS REMAIN WATER-TIGHT THROUGHOUT THE DURATION OF THE WORK AND THAT NO LEAKS REACH THE OCCUPIED FLOORS BELOW. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE SEAMS ON THE FLOORS OF CONTAINMENT ENCLOSURES.

CODED NOTES:

- PROVIDE (2) #20 AWG (4) CONDUCTOR 2 HOUR FIRE RATED MC CABLE FROM BREAKER IN SUBSTATION TO FIRE PUMP CONTROLLER. SEE DRAWING E-100 FOR CONTINUATION.
- PROVIDE TRANSITION BOX TO COVER BUS/DUCT TO CABLES TO ATTACH TO BREAKER IN SUBSTATION.
- 4.5" X 7.4" 30A BUS/DUCT FROM SUBSTATION #2 TO PANEL PH4V3 ON PENTHOUSE LEVEL.



UNIFORM CODE STATEMENT:
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 ENERGY CODE.

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT OR ARCHITECT-ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'M' MISDEMEANOR.



CONTRACT:	ELECTRICAL
TITLE:	RENOVATE BUILDING 8, 8TH & 9TH FLOORS
LOCATION:	STATE OFFICE BUILDING CAMPUS 1220 WASHINGTON AVENUE ALBANY, NY
CLIENT:	NEW YORK STATE OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
5	11/01/2024	ADDENDUM 5
2	10/18/2024	ADDENDUM 2
1	10/07/2024	ADDENDUM 1
A	09/09/2024	FINAL SD DOCUMENTS

PROJECT NUMBER:	45382 - E
DESIGNED BY:	PMR
DRAWN BY:	TJD
FIELD CHECK BY:	
APPROVED BY:	

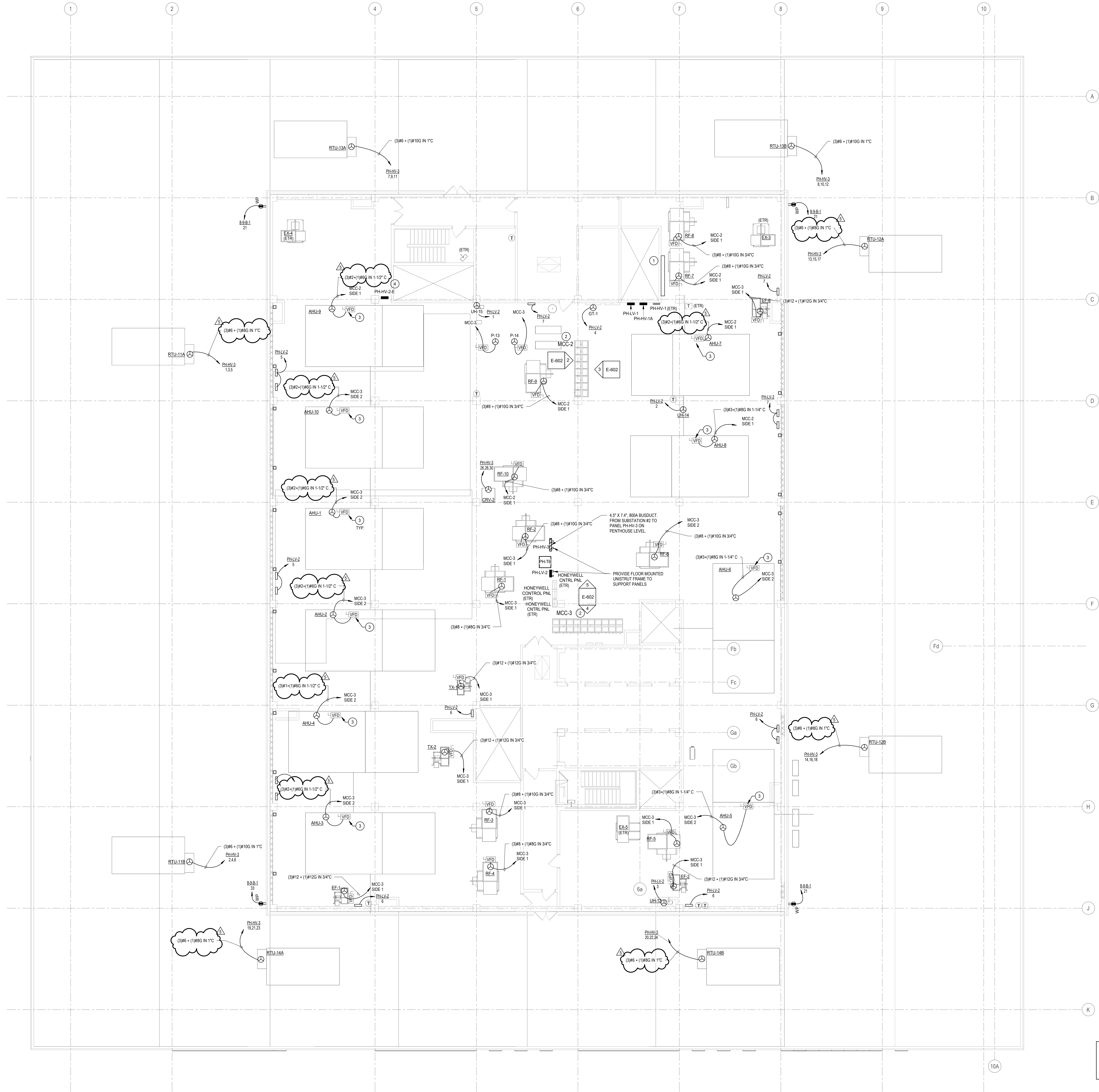
SHEET TITLE:
BUILDING 8A - GROUND FLOOR POWER PLAN

DRAWING NUMBER:
E-101A

SHEET 12 OF 48

REVISED DRAWINGS
11/01/2024

1 BUILDING 8A - GROUND FLOOR POWER PLAN
1/8" = 1'-0"



- GENERAL NOTES:**
- REFER TO SPECIFICATION SECTION 02813 FOR REMOVAL AND DISPOSAL OF ASBESTOS-CONTAINING MATERIALS RELATED TO THE ELECTRICAL SCOPE OF WORK. THESE TASKS INCLUDE BUT ARE NOT LIMITED TO: PULLING NEW WIRES IN EXISTING RACEWAYS, FEEDERS, ETC. MOUNTING BACKSPLASHES TO EXISTING CMU WALLS, INSTALLING HANGERS INTO METAL DECK ON THE 7TH AND 8TH FLOORS (ONLY), AND INSTALLING CORES IN THE 7TH AND 8TH FLOOR CEILING/FLOOR DECKS.
 - REFER TO THE APPROVED SITE SPECIFIC VARIANCE PROVIDED WITHIN THE PROJECT MANUAL FOR WORK PRACTICES RELATED TO THE ABOVE-MENTIONED SCOPE ITEMS.
 - REFER TO SPECIFICATION SECTION 03012 FOR EXISTING HAZARDOUS MATERIALS INFORMATION AND THE PRE-RENOVATION HAZARDOUS MATERIALS SURVEY REPORT APPENDED TO THE PROJECT MANUAL.
 - ALL FLOOR PENETRATIONS PRESENT AT THE BEGINNING OF WORK OR EXPOSED DURING WORK SHALL BE SEALED WATER/TIGHT AND REMAIN SO THROUGHOUT THE ASBESTOS ABATEMENT ACTIVITIES. IT IS CRITICAL THAT THE CONTAMINANT AREAS REMAIN WATER/TIGHT THROUGHOUT THE DURATION OF THE WORK AND THAT NO LEAKS REACH THE OCCUPIED FLOORS BELOW. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO MINIMIZE SEAMS ON THE FLOORS OF CONTAMINANT ENCLOSURES.
 - ELECTRICAL CONTRACTOR SHALL TEMPORARILY SUPPORT LIGHTING THAT IS CURRENTLY SUPPORTED FROM DUCTWORK. ONCE DUCTWORK HAS BEEN REMOVED AND REPAIRED, ELECTRICAL CONTRACTOR SHALL RE-SUPPORT LIGHTING TO DECK ABOVE AND NOT SUPPORT LIGHTING FROM DUCTWORK.

- CODED NOTES:**
- EXISTING PIPE CHASE SHALL REMAIN.
 - FOR ELEVATION VIEWS OF THE MCCS, SEE DRAWING E-602.
 - UNIT MOUNTED VFD FURNISHED BY H CONTRACT AND INSTALLED BY ELECTRICAL CONTRACT.
 - EXISTING EMERGENCY POWER PANEL PH-HV-0-2 TO REMAIN. RE-USE EXISTING BREAKER TO FEED EMERGENCY LIGHTING ON 8TH AND 9TH FLOORS.

UNIFORM CODE STATEMENT:
 TO THE BEST OF THE REGISTERED DESIGN PROFESSIONAL'S KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2020 UNIFORM CODE.

ENERGY CODE WRITTEN STATEMENT:
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CONTRACT: ELECTRICAL
TITLE: RENOVATE BUILDING 8, 8TH & 9TH FLOORS
LOCATION: STATE OFFICE BUILDING CAMPUS
 1220 WASHINGTON AVENUE
 ALBANY, NY
CLIENT: NEW YORK STATE OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
5	11/01/2024	ADDENDUM 5
2	10/18/2024	ADDENDUM 2
1	10/07/2024	ADDENDUM 1
A	09/09/2024	FINAL BID DOCUMENTS

PROJECT NUMBER: 45382 - E

DESIGNED BY: PMR

DRAWN BY: TJD

FIELD CHECK BY:

APPROVED BY:

SHEET TITLE: LOWER PENTHOUSE POWER PLAN

DRAWING NUMBER: E-110

SHEET 18 OF 48

1 LOWER PENTHOUSE POWER PLAN
 1/8" = 1'-0"

REVISED DRAWINGS
 11/01/2024



PANEL SCHEDULE											
DESIGNATION: PH-HV-1				MAINS TYPE: 1A-CB				OCPD RATING: 1500 A			
LOCATION: FED FROM: VOLTAGE: 208/120V				BUS RATING: 1500 A				PANEL MOUNTING: SURFACE			
PHASE WIRES: 3PH 4W				MIN. BUS BRACING							
CKT NO.	LOAD DESCRIPTION	AMPS	POLES	CONN. LOAD PHASE A (KVA)	CONN. LOAD PHASE B (KVA)	CONN. LOAD PHASE C (KVA)	POLES	AMPS	LOAD DESCRIPTION	CKT NO.	
1				0.0	0.0					2	
3	PANELS 8-7-C-1, 8-8-C-1, 8-9-C-1	100 A	3					100 A	17 CLOSET PANELS FLOORS 7, 8 & 9	4	
5				0.0	0.0					6	
7				0.0	0.0					8	
9	PANELS 8-7-A-1, 8-8-A-1, 8-9-A-1	250 A	3					300 A	PANELS 8-6-D-1, 8-7-D-1, 8-8-D-1, 8-9-D-1	10	
11				0.0	0.0					12	
13				0.0	0.0					14	
15	PANELS 8-7-B-1, 8-8-B-1, 8-9-B-1	400 A	3					400 A	PNL PH-LV-1	16	
17				0.0	0.0					18	
19	SPACE	--	1	--	--	--		1	SPACE	20	
21	SPACE	--	1	--	--	--		1	SPACE	22	
23	SPACE	--	1	--	--	--		1	SPACE	24	
TOTAL LOAD PER PHASE (KVA):				0.0 KVA	0.0 KVA	0.0 KVA					
TOTAL 3-PHASE LOAD (KVA):				0.0 KVA							
LOAD CLASSIFICATION				CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	PANEL TOTALS				
							TOTAL CONNECTED LOAD (A): 0 A				
							DEMAND LOAD (A): 0 A				
							SPARE CAPACITY (25%): 0 A				
							TOTAL EST. DEMAND LOAD (A): 0 A				

*NOTES:

PANEL SCHEDULE											
DESIGNATION: 8-9-C-HV				MAINS TYPE: MCB				OCPD RATING: 100 A			
LOCATION: ELEC CLO 946				BUS RATING: 100 A				PANEL MOUNTING: SURFACE			
FED FROM: 480/277				VOLTAGE: 480/277				MIN. BUS BRACING: 10 KAC			
PHASE WIRES: 3PH 4W											
CKT NO.	LOAD DESCRIPTION	AMPS	POLES	CONN. LOAD PHASE A (KVA)	CONN. LOAD PHASE B (KVA)	CONN. LOAD PHASE C (KVA)	POLES	AMPS	LOAD DESCRIPTION	CKT NO.	
1	LGT: 9TH FLOOR OPEN OFFICE NORTH	20 A	1	1.9	2.0		1	20 A	LGT: 9TH FLOOR OPEN OFFICE NORTH	2	
3	LGT: 9TH FLOOR OPEN OFFICE EAST	20 A	1		2.0	1.9	1	20 A	LGT: 9TH FLOOR OPEN OFFICE EAST	4	
5	LGT: 9TH FLOOR OPEN OFFICE SOUTHWEST	20 A	1			2.4	2.6	1	20 A	LGT: 9TH FLOOR OPEN OFFICE SOUTHWEST	6
7	LGT: 9TH FLOOR CORRIDOR	20 A	1	1.7	1.2		1	20 A	LGT: 9TH FLOOR CENTRAL	8	
9	LGT: BATHROOM	20 A	1		1.2	0.0	1	20 A	LGT: MOTHERS ROOM, BATHROOM, VEST.	10	
11	SPARE	20 A	1		0.0	0.0	1	20 A	SPARE	12	
13	SPARE	20 A	1	0.0	0.0		1	20 A	SPARE	14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
31										32	
33										34	
35										36	
37										38	
39										40	
41										42	
TOTAL LOAD PER PHASE (KVA):				6.8 KVA	5.2 KVA	5.0 KVA					
TOTAL 3-PHASE LOAD (KVA):				17.0 KVA							
LOAD CLASSIFICATION				CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	PANEL TOTALS				
Lighting				10590 VA	100.00%	10590 VA	TOTAL CONNECTED LOAD (A): 20 A				
Motor				0 VA	0.00%	0 VA	DEMAND LOAD (A): 20 A				
Other				3 VA	100.00%	3 VA	SPARE CAPACITY (25%): 0 A				
							TOTAL EST. DEMAND LOAD (A): 26 A				

*NOTES:

PANEL SCHEDULE											
DESIGNATION: PH-HV-3				MAINS TYPE: 1A-CB				OCPD RATING: 800 A			
LOCATION: PENTHOUSE COLUMN E6				BUS RATING: 800 A				PANEL MOUNTING: SURFACE			
FED FROM: SUBSTATION #2				VOLTAGE: 480/277				MIN. BUS BRACING			
PHASE WIRES: 3PH 4W											
CKT NO.	LOAD DESCRIPTION	AMPS	POLES	CONN. LOAD PHASE A (KVA)	CONN. LOAD PHASE B (KVA)	CONN. LOAD PHASE C (KVA)	POLES	AMPS	LOAD DESCRIPTION	CKT NO.	
1				11.6	10.8					2	
3	RTU-11A	60 A	3		11.6	10.8		50 A	RTU-11B	4	
5				11.1	11.1					6	
7						11.1				8	
9	RTU-13A	50 A	3		11.1	11.1		50 A	RTU-13B	10	
11						11.1				12	
13				13.3	13.9					14	
15	RTU-12A	60 A	3		13.3	13.9		70 A	RTU-12B	16	
17						13.3				18	
19				14.1	14.1					20	
21	RTU-14A	70 A	3		14.1	14.1		70 A	RTU-14B	22	
23						14.1				24	
25				0.4	0.4					26	
27	TB	20 A	3		0.2	0.2		20 A	CRV-2	28	
29										30	
31				0.0	0.0					32	
33	SPARE	20 A	3		0.0	0.0		50 A	SPARE	34	
35						0.0				36	
37	LIGHTING	20 A	1	3.6						38	
39										40	
41										42	
TOTAL LOAD PER PHASE (KVA):				104.3 KVA	100.5 KVA	101.3 KVA					
TOTAL 3-PHASE LOAD (KVA):				306.2 KVA							
LOAD CLASSIFICATION				CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	PANEL TOTALS				
Lighting				3570 VA	100.00%	3570 VA	TOTAL CONNECTED LOAD (A): 368 A				
Motor				30110 VA	103.52%	31171 VA	DEMAND LOAD (A): 381 A				
RECEPTACLE				1500 VA	100.00%	1500 VA	SPARE CAPACITY (25%): 0 A				
							TOTAL EST. DEMAND LOAD (A): 476 A				

*NOTES:

PANEL SCHEDULE											
DESIGNATION: PH-MCC-2				MAINS TYPE: MCB				OCPD RATING: 100 A			
LOCATION: PENTHOUSE COLUMN D6				BUS RATING: 100 A				PANEL MOUNTING: SURFACE			
FED FROM: MCC #2				VOLTAGE: 208/120V				MIN. BUS BRACING			
PHASE WIRES: 3PH 4W											
CKT NO.	LOAD DESCRIPTION	AMPS	POLES	CONN. LOAD PHASE A (KVA)	CONN. LOAD PHASE B (KVA)	CONN. LOAD PHASE C (KVA)	POLES	AMPS	LOAD DESCRIPTION	CKT NO.	
1	FILTER FANHOUSE S-5 & S-6 *	20 A	1	0.0	0.0		1	20 A	UNIT HEATER S-5 & S-6	2	
3	UNIT HEATERS S-12 & S-13	20 A	1		0.0	0.0	1	20 A	FILTER FANHOUSE S-7, S-8 & S-10 *	4	
5	UNIT HEATERS S-7 & S-8	20 A	1			0.0	1	20 A	FILTER FANHOUSE S-3 & S-4	6	
7	UNIT HEATERS S-3 & S-4	20 A	1	0.0	0.0		1	20 A	UNIT HEATER S-11	8	
9	UNIT HEATER 1 & 6 FANHOUSE S1 & S2	20 A	1		0.0	0.0	1	20 A	FILTER FANHOUSE S-1, S-2 & S-11 *	10	
11	UNIT HEATERS SOUTH STAIRS ELEV. MACH. RM	20 A	1			0.0	1	20 A	UNIT HEATER 15	12	
13	UNIT HEATERS S-9 & S-10	20 A	1	0.0	0.0		1	20 A	FILTER FANHOUSE S-9 & S-10 *	14	
15	FILTER FANHOUSE S-13 & S-14 *	20 A	1		0.0	0.0	1	20 A	UNIT HEATER 16	16	
17	UNIT HEATERS #21 NORTH STAIRS #22 ELEV	20 A	1			0.0	1	20 A	REC: NW COLUMN CORNERS	18	
19	REC: CENTER COLUMNS	20 A	1	0.0	0.0		1	20 A	REC: SW	20	
21	REC: CENTER COLUMNS	20 A	1		0.0	0.0	1	20 A	REC: SE & GEN ROOM	22	
23	REC: NE CORNER	20 A	1			0.0	1	20 A	DOCP	24	
25	SMOKE DETECTORS	20 A	1	0.0	0.0		1	20 A	LTO: UNDER ELEV. MACH. RM	26	
27	LTO: ELEV 7 & 18	20 A	1		0.0	0.0	1	20 A	LTO: ELEV 6 & 17 *	28	
29	LTO: ELEV 8 & 19 *	20 A	1		0.0	0.0	1	20 A	LTO: ELEV 9 & 20 *	30	
31	SPARE	20 A	1	0.0	0.0		1	20 A	REC: PENTHOUSE 8, BELOW ELEV RM	32	
33	LTO: FANHOUSE S-13 & S-14	20 A	1		0.0	0.0	1	20 A	LTO: FANHOUSE S-7, S-8 & S-12	34	
35	LTO: FANHOUSE S-5 & S-6	20 A	1			0.0	1	20 A	LTO: FANHOUSE S-9, S-10 & S-11	36	
37	LTO: FANHOUSE S-1, S-2, S-3 & S-4	20 A	1	0.0	0.0		1	20 A	ELEC HOIST	38	
39	ELEV #5 & #6 (LTO) *	20 A	1		0.0	0.0	1	20 A	LTO: UNDER ELEV. MACH. RM #25 *	40	
41	ELEV #10 & #21 (LTO) *	20 A	1		0.0	0.0	1	20 A	SPARE	42	
TOTAL LOAD PER PHASE (KVA):				0.0 KVA	0.0 KVA	0.0 KVA					
TOTAL 3-PHASE LOAD (KVA):				0.0 KVA							
LOAD CLASSIFICATION				CONN. LOAD	DEMAND FACTOR	DEMAND LOAD	PANEL TOTALS				
							TOTAL CONNECTED LOAD (A): 0 A				
							DEMAND LOAD (A): 0 A				
							SPARE CAPACITY (25%): 0 A				
							TOTAL EST. DEMAND LOAD (A): 0 A				

*NOTES:

* - TURNED OFF

PANEL SCHEDULE											
DESIGNATION: PH-LV-2				MAINS TYPE: 400A MCB				OCPD RATING: 225 A			
LOCATION: PH-15				BUS RATING: 100 A				PANEL MOUNTING: SURFACE			
FED FROM: PH-15				VOLTAGE: 208/120V				MIN. BUS BRACING			
PHASE WIRES: 3PH 4W											
CKT NO.	LOAD DESCRIPTION	AMPS	POLES	CONN. LOAD PHASE A (KVA)	CONN. LOAD PHASE B (KVA)	CONN. LOAD PHASE C (KVA)	POLES	AMPS	LOAD DESCRIPTION	CKT NO.	
1	UH-15	20 A	1	0.1	0.1			20 A	UH-14	2	
3	UH-12	20 A	1		0.1	0.2		1	20 A	GT-1	
5	BMS PANEL	20 A	1			0.6	0.5	1	20 A	BMS PANEL	
7	BMS PANEL	20 A	1	0.4	0.0			1	20 A	SPARE	
9										10	
11										12	
13										14	
15										16	
17										18	
19										20	
21										22	
23										24	
25										26	
27										28	
29										30	
31										32	
33										34	
35										36	
37										38	
39										40	
41										42	
TOTAL LOAD PER PHASE (KVA):				0.9 KVA	0.3 KVA						