

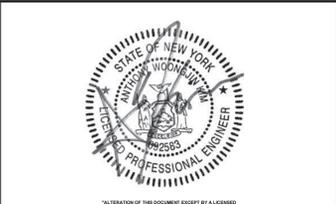






CONSULTANTS:

MARK	DATE	DESCRIPTION



DESIGNED BY: SMP/CMP	DRAWN BY: SMP/CMP	CHECKED BY:	REVIEWED BY:
PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT

**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS

**REGULATORY REVIEW**

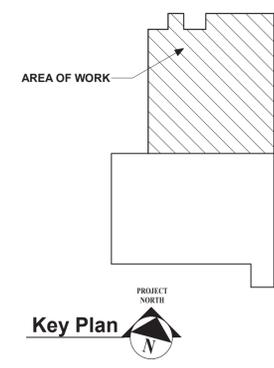
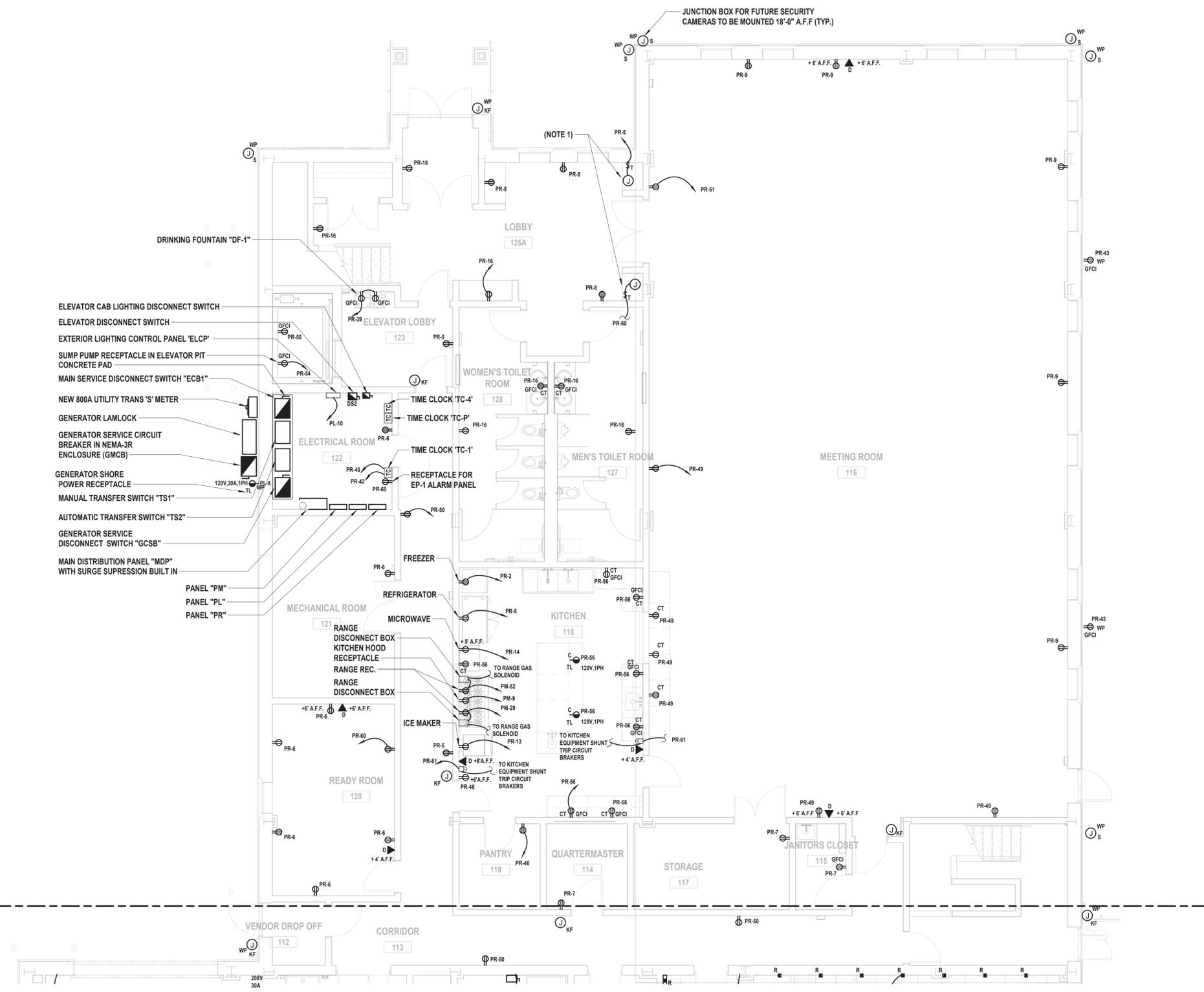
SHEET TITLE

**PARTIAL FIRST FLOOR ELECTRICAL  
POWER PLAN  
NEW FIRE STATION PHASE 2  
PHASE 2**

DRAWING No.

**E2 101B.00**

- NOTES:**
- POWER AT DISPLAY CASES TO BE COORDINATED WITH DISPLAY CASE LIGHTING REQUIREMENTS FROM DISPLAY CASE MANUFACTURER

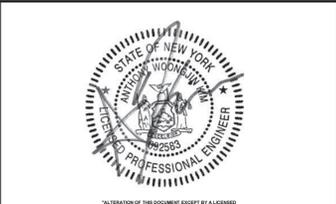


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**1 Electrical Partial First Floor Power Plan**  
SCALE: 3/16" = 1'-0"

CONSULTANTS:

MARK	DATE	DESCRIPTION



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PROJECT No:	DATE:	SCALE:	
VGFD2001	JULY 2022	AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)



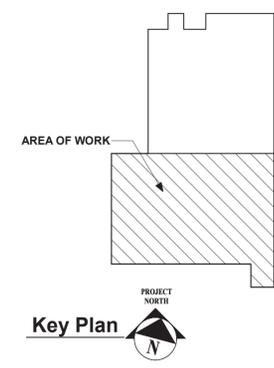
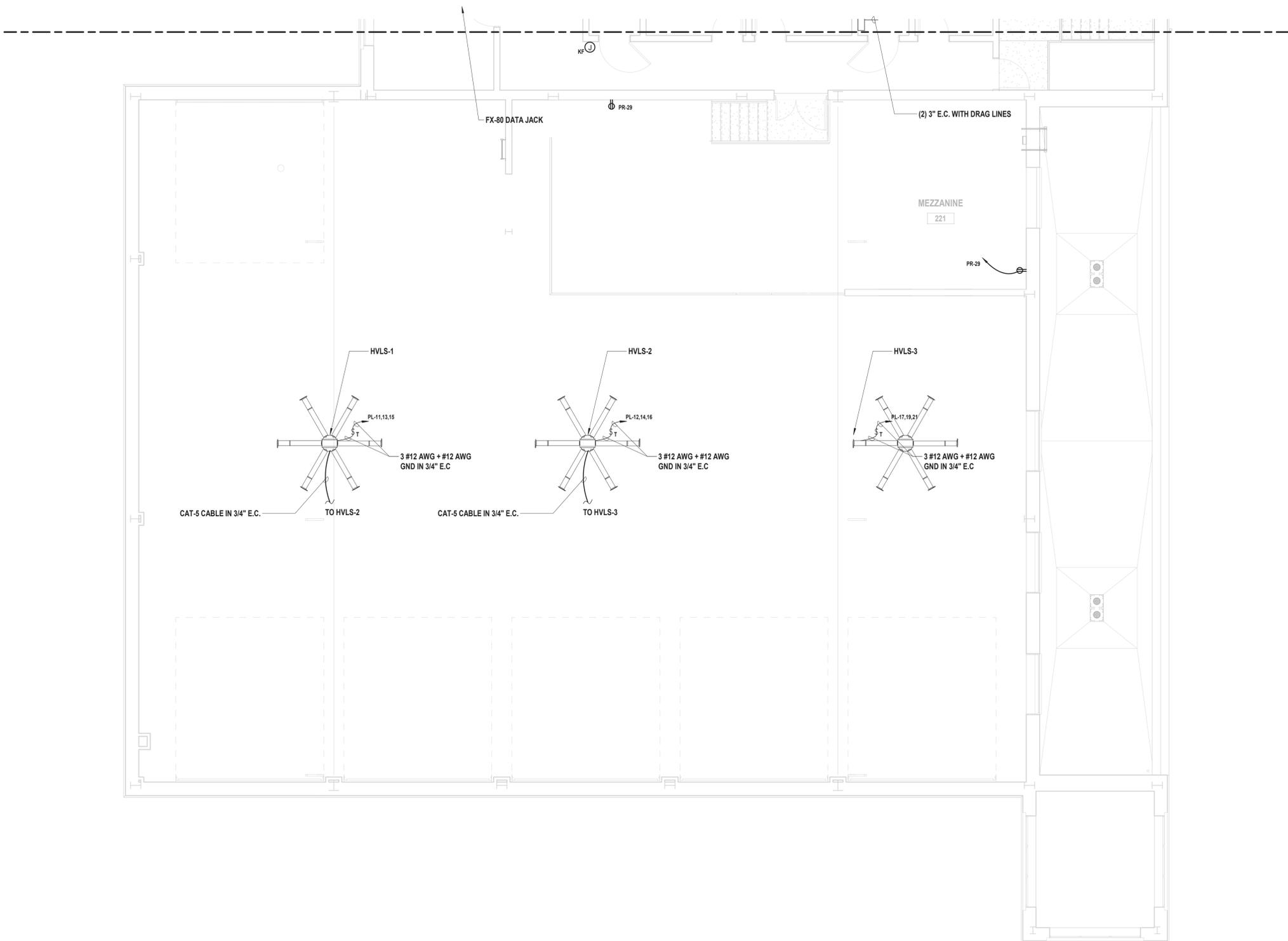
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL SECOND / MEZZANINE FLOOR ELECTRICAL POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 102A.00**

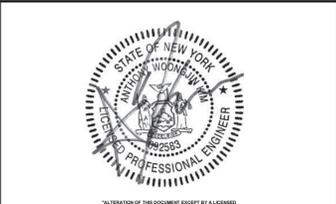


**1 Electrical Partial Second / Mezzanine Floor Power Plan**  
SCALE: 3/16" = 1'-0"



CONSULTANTS:

MARK	DATE	DESCRIPTION



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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

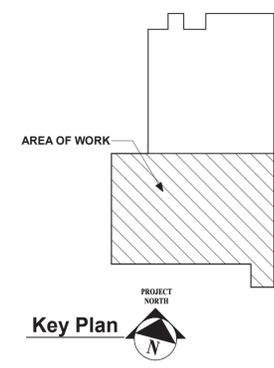
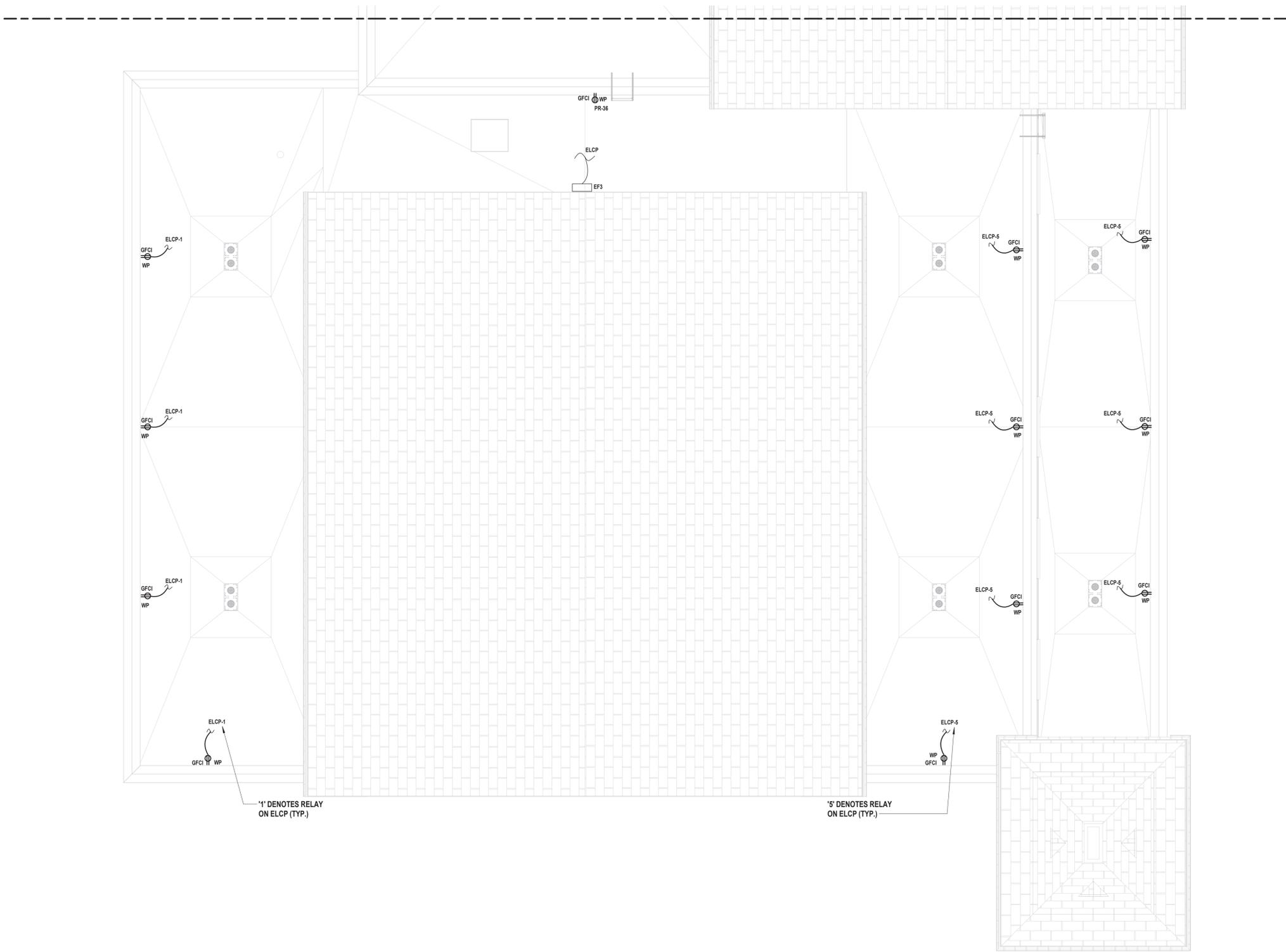
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL ROOF ELECTRICAL POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 103A.00**



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CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)



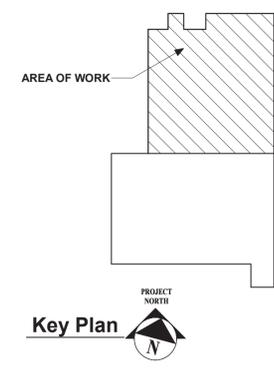
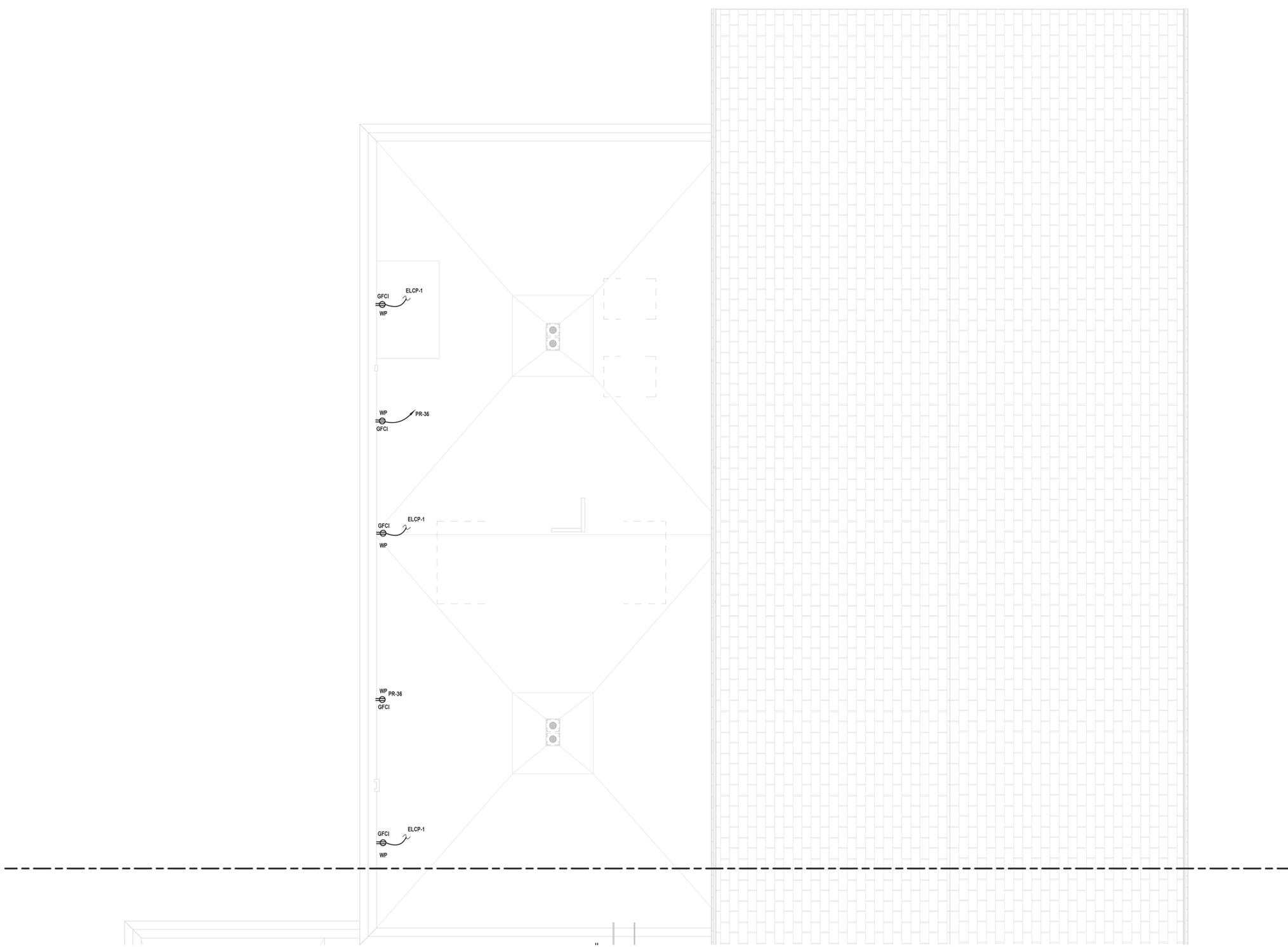
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL ROOF ELECTRICAL POWER  
PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 103B.00**



**1 Partial Roof Electrical Power Plan**  
SCALE: 3/16" = 1'-0"

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CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**CLIENT**

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)



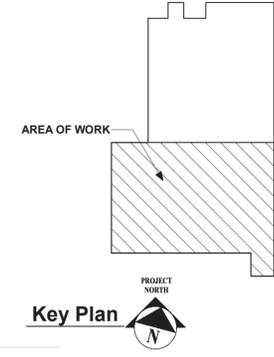
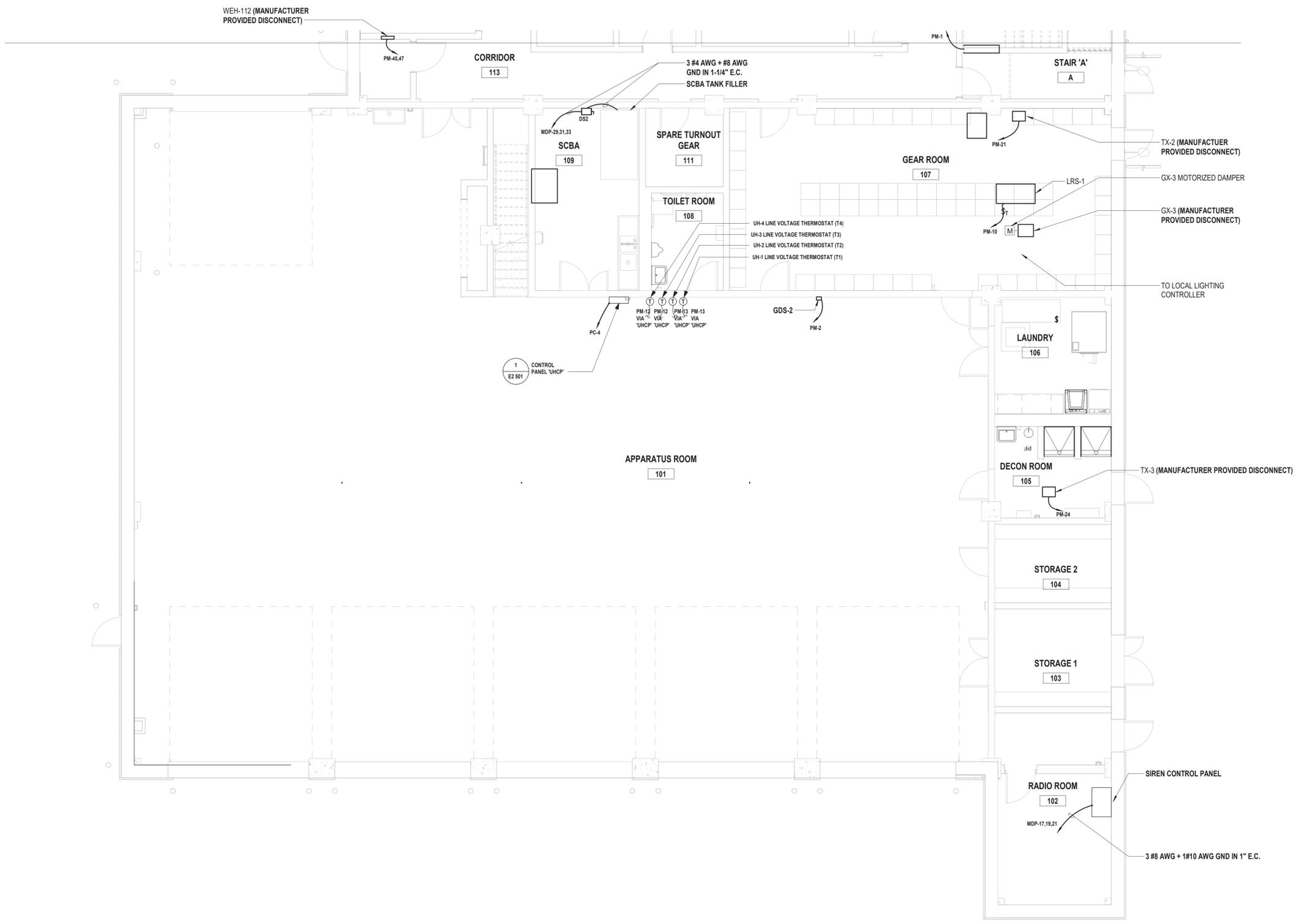
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL FIRST FLOOR HVAC POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 111A.00**

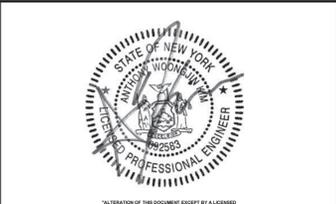


**2 Partial First Floor HVAC Power Plan**  
SCALE: 3/16" = 1'-0"

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CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE:	AS SHOWN

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

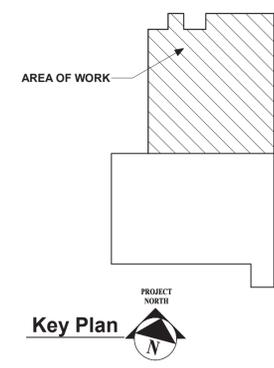
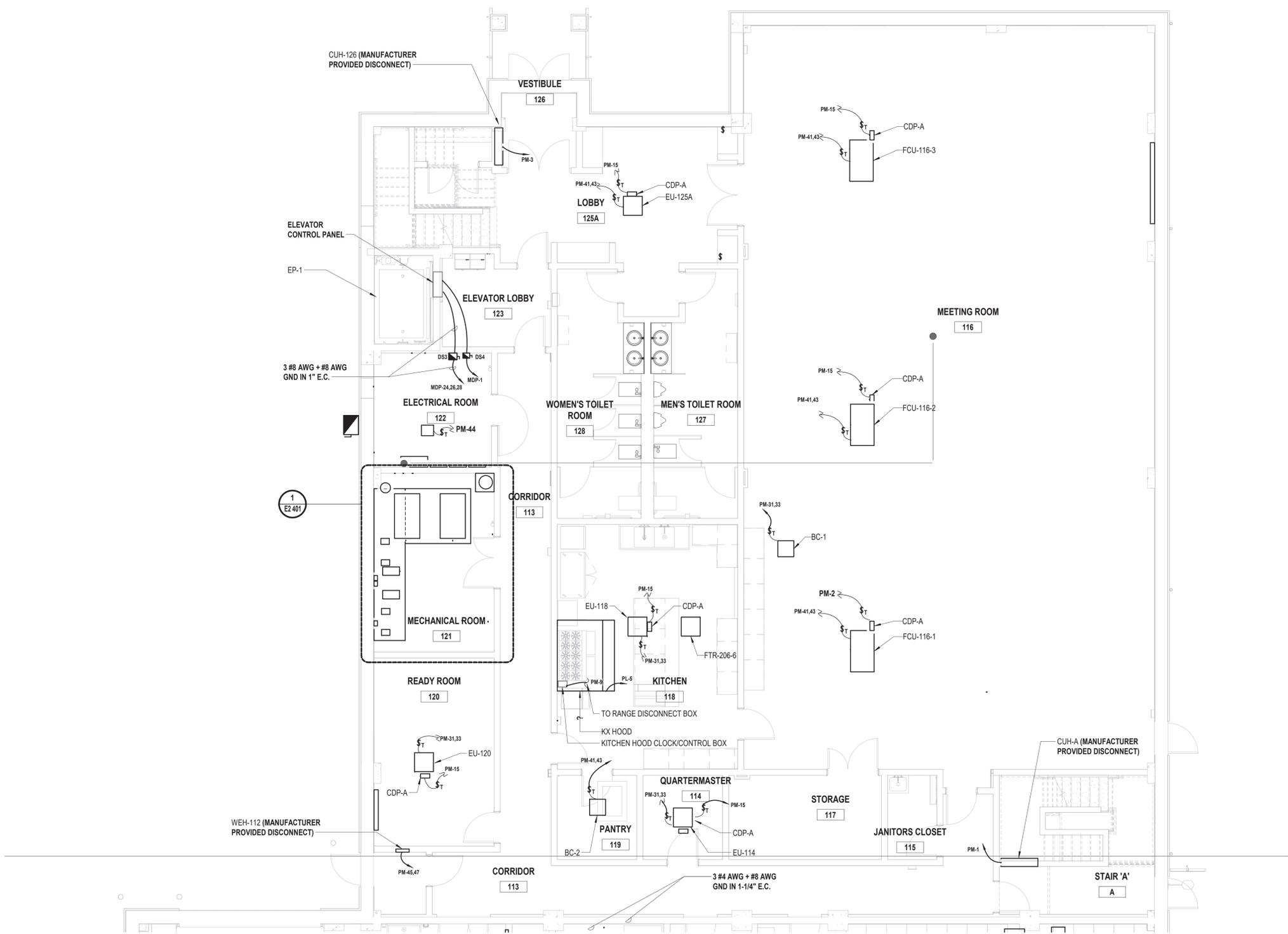
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL FIRST FLOOR HVAC POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 111B.00**

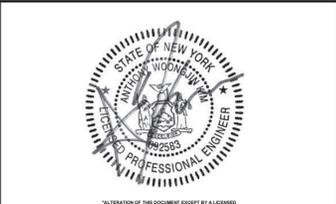


**1 Electrical Partial First Floor HVAC Power Plan**  
SCALE: 3/16" = 1'-0"

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CONSULTANTS:

MARK	DATE	DESCRIPTION



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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)



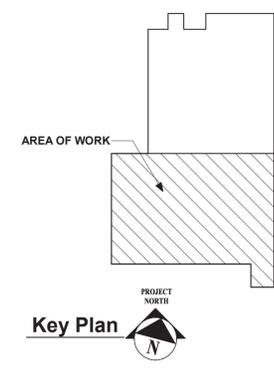
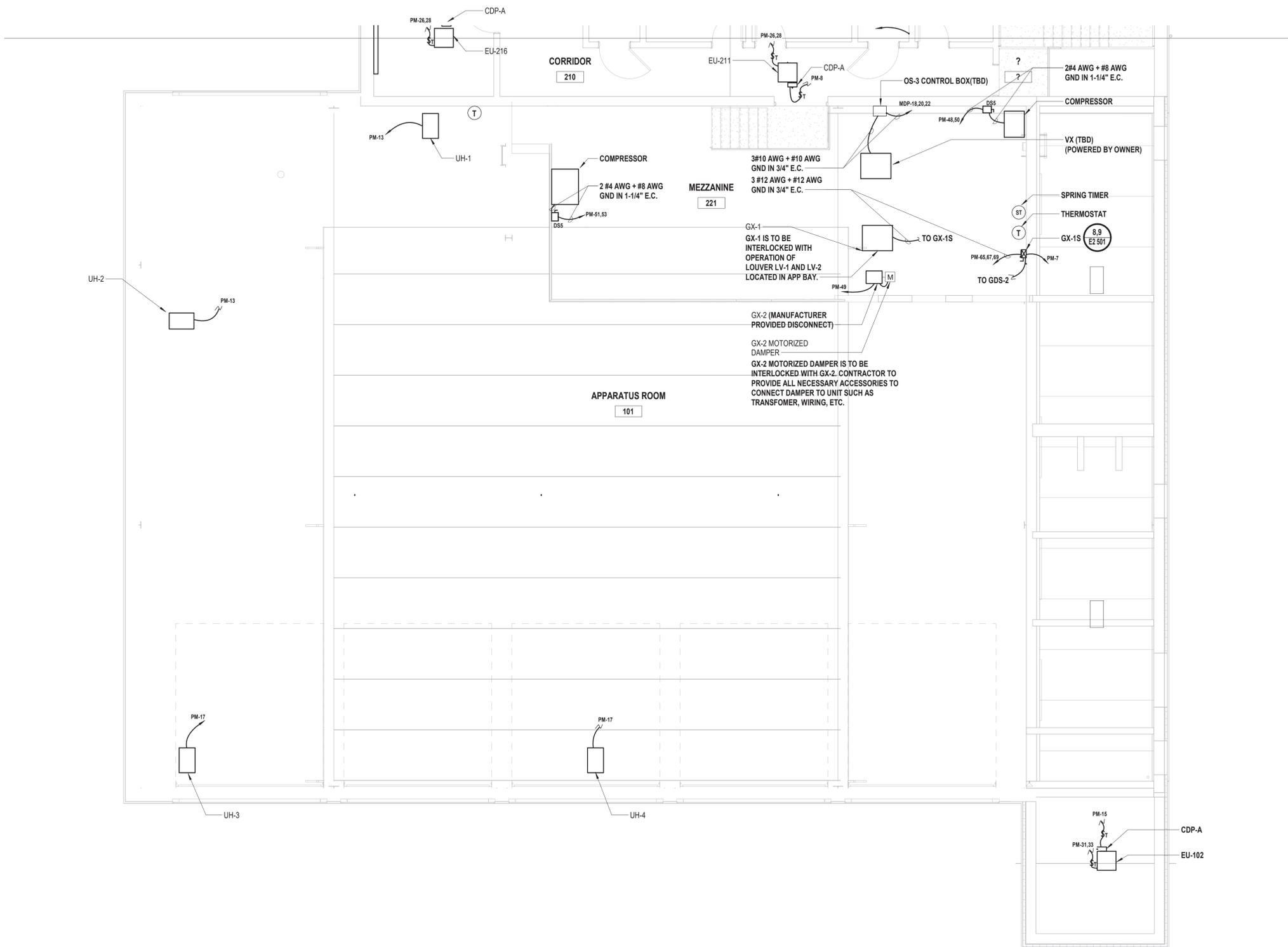
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**PARTIAL SECOND / MEZZANINE FLOOR HVAC POWER PLAN  
NEW FIRE STATION  
PHASE 2**

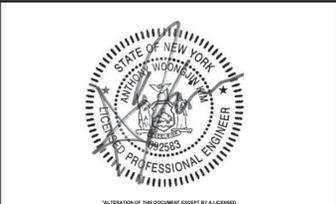
DRAWING No.  
**E2 112A.00**



**1 Electrical Partial Second / Mezzanine Floor HVAC Power Plan**  
SCALE: 3/16" = 1'-0"

CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

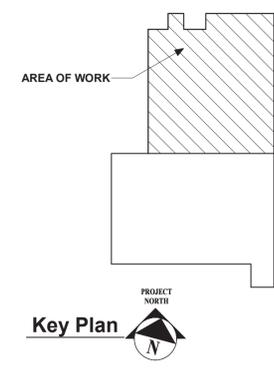
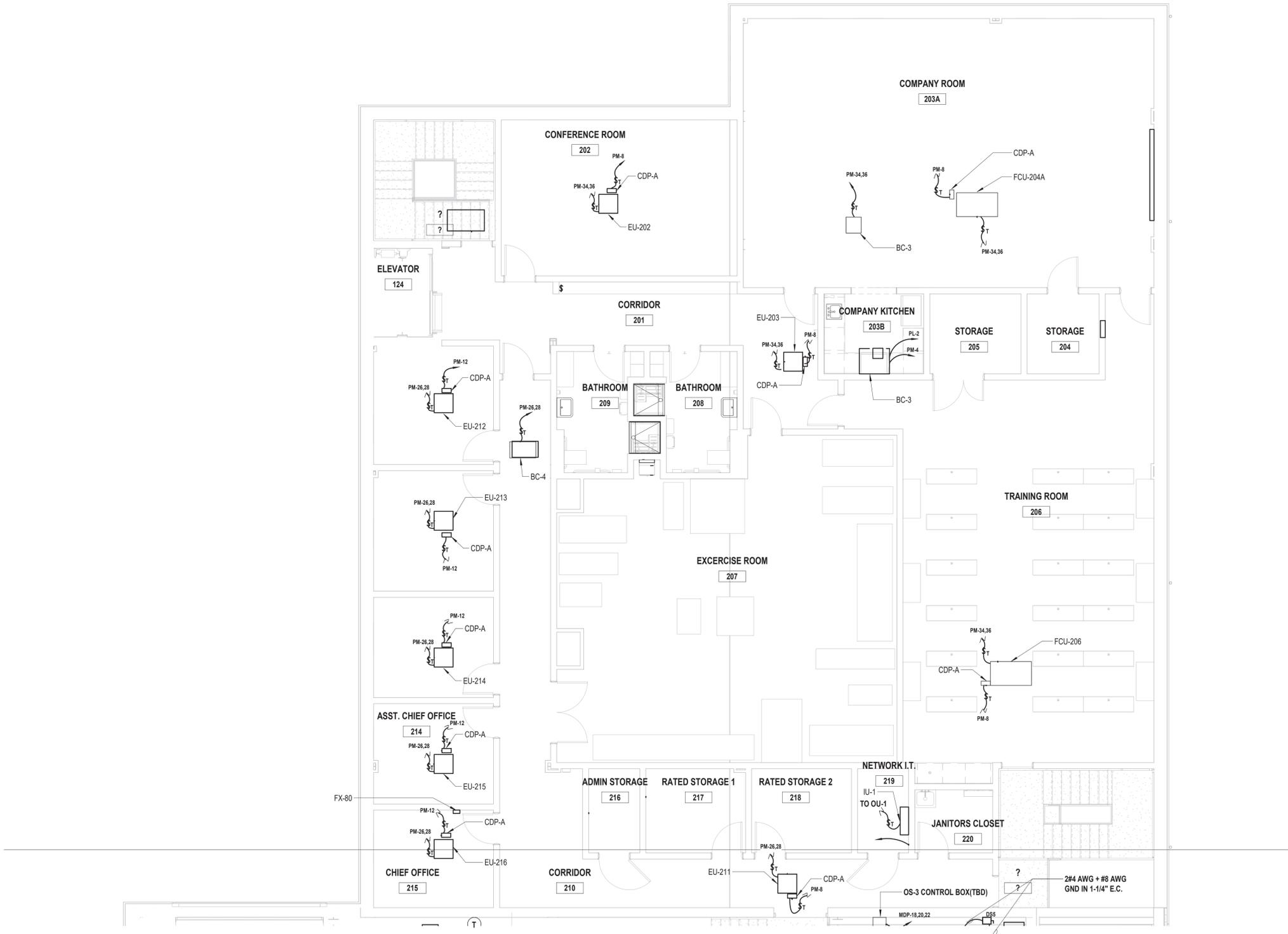
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
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GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

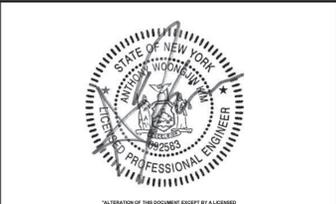
SHEET TITLE  
**PARTIAL SECOND FLOOR HVAC  
POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 112B.00**



CONSULTANTS:

MARK	DATE	DESCRIPTION



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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE:	AS SHOWN

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

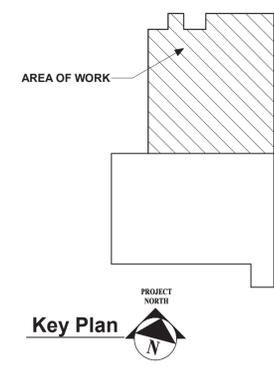
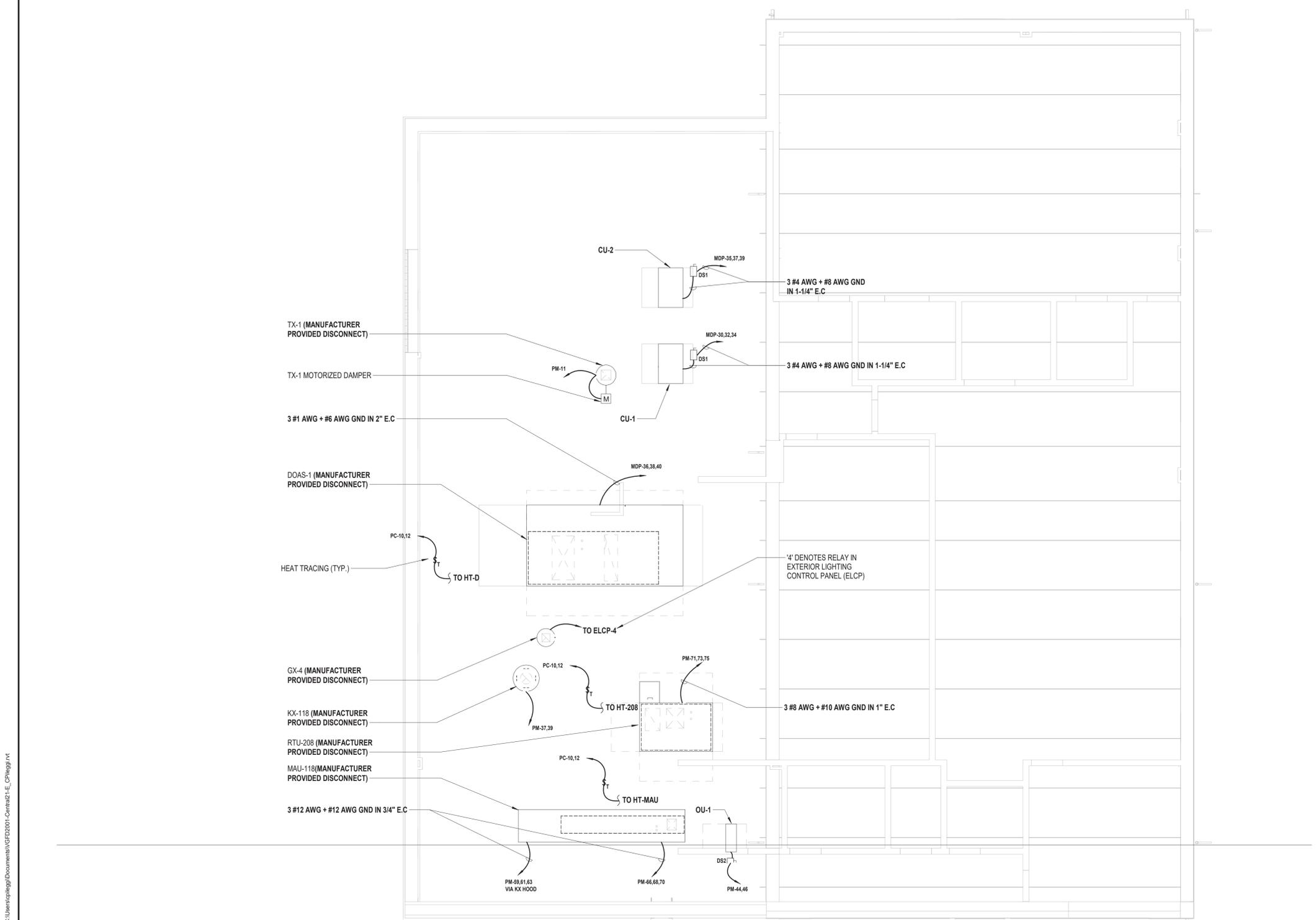
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**ROOF HVAC POWER PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 114B.00**



**2 Roof HVAC Power Plan**  
SCALE: 3/16" = 1'-0"

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CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE: AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)



872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

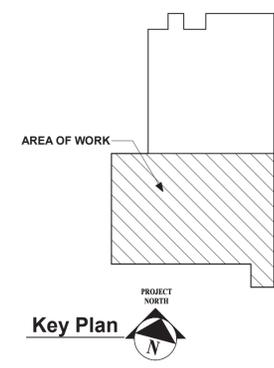
SHEET TITLE  
**PARTIAL FIRST FLOOR ELECTRICAL  
LIGHTING PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 121A.00**

**LIGHTING GENERAL NOTES:**

- G1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES, CONTROLLERS AND/OR OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
- G2. CONTRACTORS SHALL LOCATE AND INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND APPARATUS ROOMS TO PROVIDE CLEARANCE FROM ALL MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING FIXTURES, SWITCHES, CONDUIT, AND WIRING.
- G3. FIXTURES INDICATED WITH CIRCUIT DESIGNATIONS SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.
- G4. FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY/VACANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
- G5. PROVIDE AND INSTALL A DEDICATED NEUTRAL FOR EACH CIRCUIT. CONTRACTOR IS NOT PERMITTED TO USE COMMON NEUTRALS.
- G6. PROVIDE BOX AND ACCESSORIES AS PER MANUFACTURER'S RECOMMENDATION FOR ALL SWITCHES, SENSORS, AND/OR POWER PACKS.
- G7. ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FED FROM.
- G8. WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.
- G9. CONTRACTOR SHALL USE SILICONE WATER PROOF SEALANT TO SEAL TOP, LEFT, AND RIGHT EDGES OF LIGHT FIXTURES TO WALL TO PREVENT MOISTURE FROM ACCUMULATING BEHIND FIXTURE. BOTTOM EDGE SHALL BE LEFT UNSEALED FOR DRAINAGE. COLOR OF SILICONE SHALL MATCH EITHER WALL COLOR OR FIXTURE COLOR. (TYP. OF ALL EXTERIOR WALL MOUNTED FIXTURES).

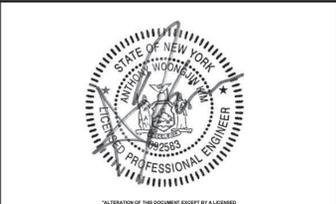
LIGHTING KEY NOTES:  
1. REFER TO EXTERIOR LIGHTING CONTROL PANEL RELAY SCHEDULE ON DRAWINGS E2 600



**1 Electrical Partial First Floor Lighting Plan**  
SCALE: 3/16" = 1'-0"

CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE:	AS SHOWN

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

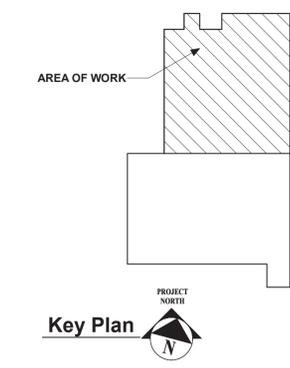
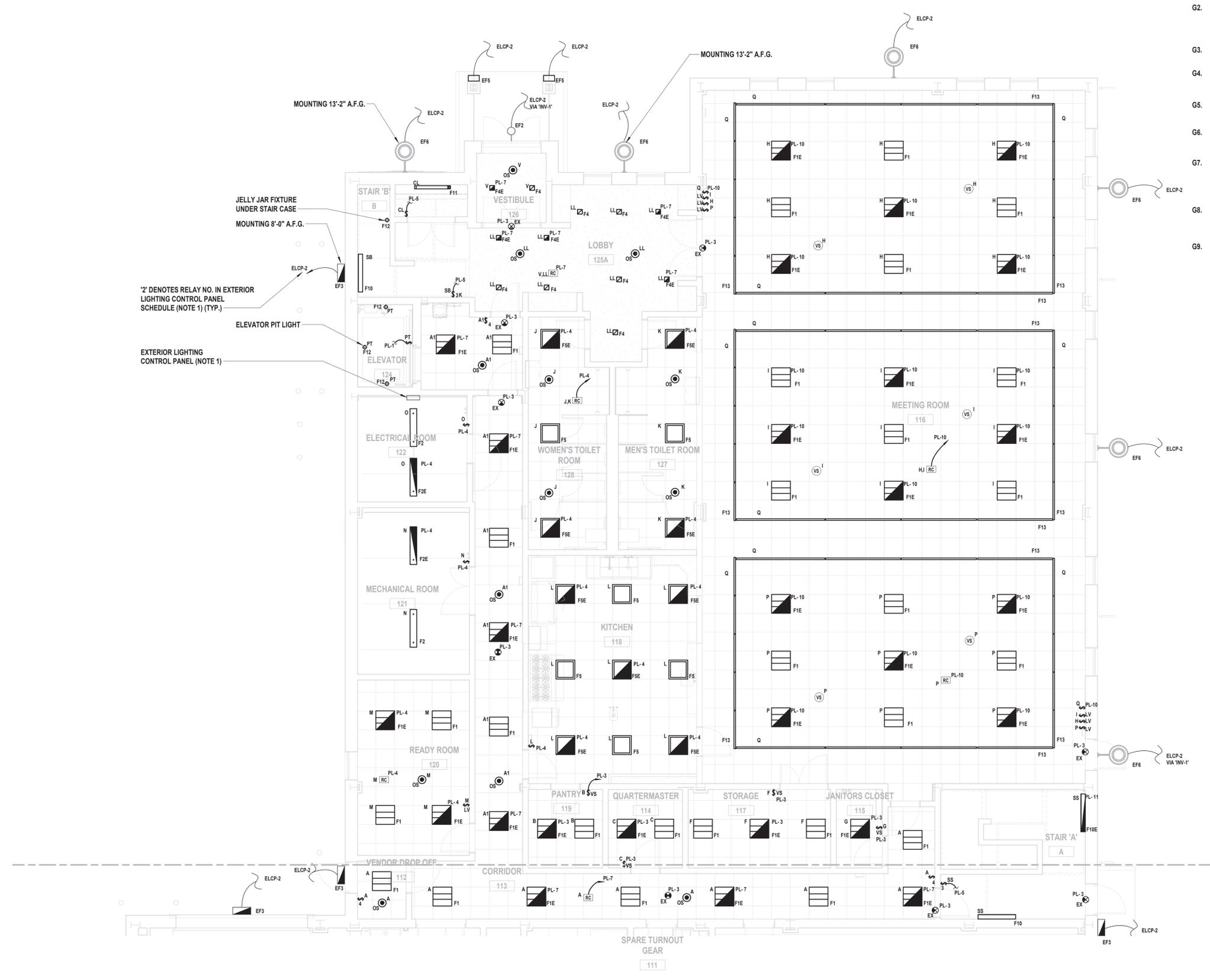
SHEET TITLE  
**PARTIAL FIRST FLOOR ELECTRICAL  
LIGHTING PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 121B.00**

**LIGHTING GENERAL NOTES:**

- G1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES, CONTROLLERS AND/OR OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
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LIGHTING KEY NOTES:  
1. REFER TO EXTERIOR LIGHTING CONTROL PANEL RELAY SCHEDULE ON DRAWINGS E2 600



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CONSULTANTS:

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PROJECT No: VGFD2001	DATE: JULY 2022	SCALE:	AS SHOWN

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G  
GENERAL CONSTRUCTION**

STATUS  
**REGULATORY REVIEW**

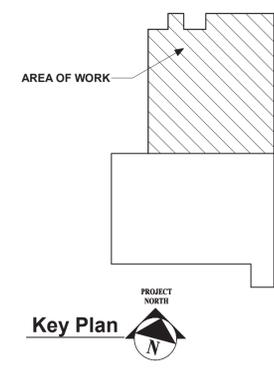
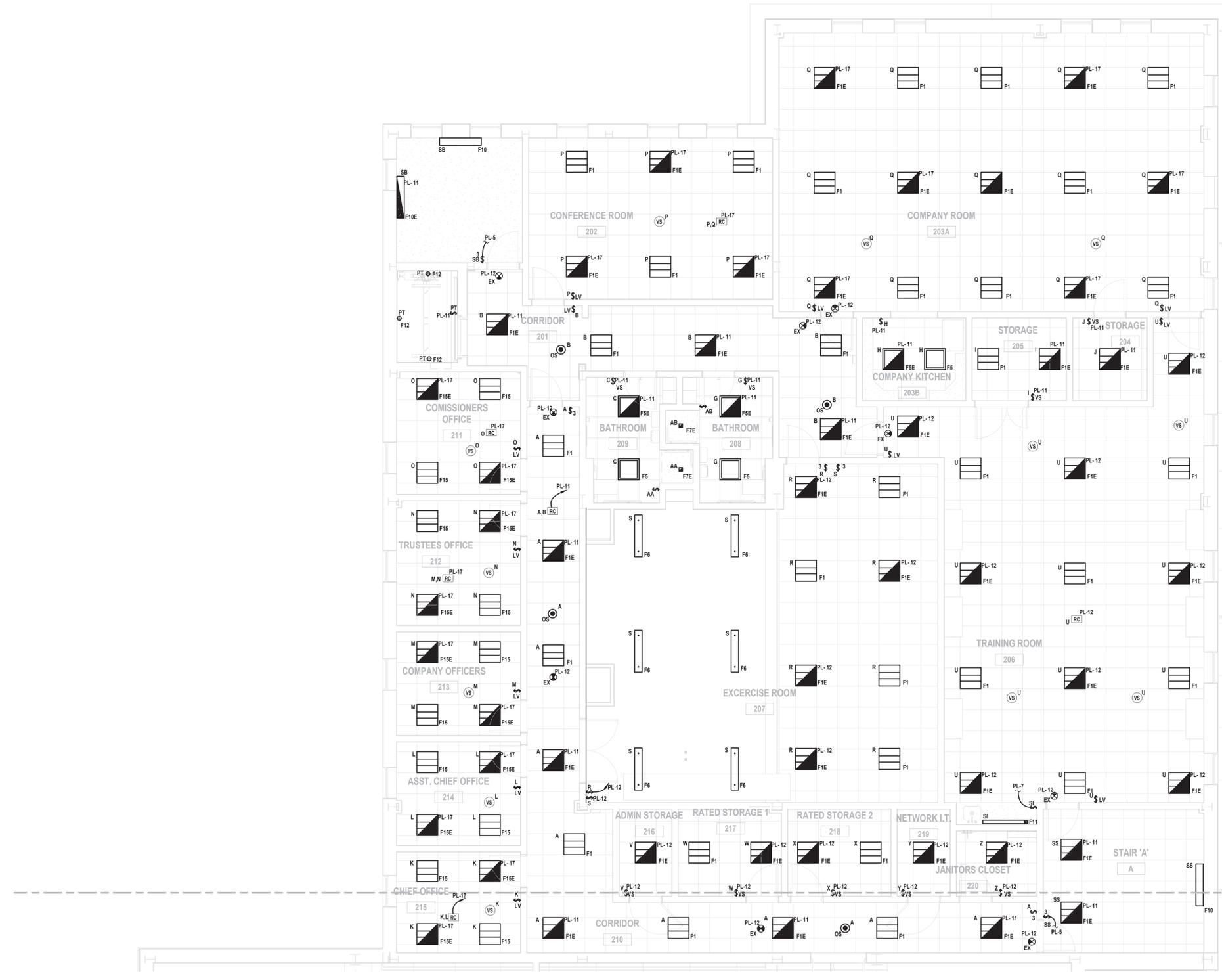
SHEET TITLE  
**PARTIAL SECOND FLOOR  
ELECTRICAL LIGHTING PLAN  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 122B.00**

**LIGHTING GENERAL NOTES:**

- G1. PROVIDE ALL REQUIRED WIRING NECESSARY BETWEEN SWITCHES, CONTROLLERS AND/OR OCCUPANCY SENSORS FOR COMPLETE LIGHTING CONTROL. WHERE 3 OR 4 WAY SWITCHES ARE USED, PROVIDE ALL REQUIRED WIRING BETWEEN SWITCHES. WIRE SIZE SHALL EQUAL POWER FEED SIZE.
- G2. CONTRACTORS SHALL LOCATE AND INSTALL ALL LIGHT FIXTURES IN MECHANICAL ROOMS, ELECTRICAL ROOMS, AND APPARATUS ROOMS TO PROVIDE CLEARANCE FROM ALL MECHANICAL EQUIPMENT. COORDINATE WITH MECHANICAL CONTRACTOR PRIOR TO INSTALLING FIXTURES, SWITCHES, CONDUIT, AND WIRING.
- G3. FIXTURES INDICATED WITH CIRCUIT DESIGNATIONS SHALL BE CONNECTED TO LINE SIDE OF CIRCUIT.
- G4. FIXTURES INDICATED WITH LETTER DESIGNATIONS SHALL BE CONNECTED TO THE SWITCH, OCCUPANCY/VACANCY SENSOR AND/OR POWER PACK WITH CORRESPONDING LETTER DESIGNATION.
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- G7. ALL CEILING MOUNTED FIXTURES WITH EMERGENCY DRIVERS SHALL BE LABELED. THESE LABELS SHALL BE EASILY READ FROM THE FLOOR LEVEL AND STATE THAT THE FIXTURE IS AN EMERGENCY FIXTURE AND CONTAIN THE PANEL NAME AND CIRCUIT NUMBER THAT IT IS FED FROM.
- G8. WIRING FOR EMERGENCY DRIVER IS NOT SHOWN ON PLANS. FIXTURES WITH EMERGENCY DRIVERS SHALL BE PROVIDED WITH AN UNSWITCHED POWER FEED FROM CIRCUIT FEEDING LIGHT FIXTURE.
- G9. CONTRACTOR SHALL USE SILICONE WATER PROOF SEALANT TO SEAL TOP, LEFT, AND RIGHT EDGES OF LIGHT FIXTURES TO WALL TO PREVENT MOISTURE FROM ACCUMULATING BEHIND FIXTURE. BOTTOM EDGE SHALL BE LEFT UNSEALED FOR DRAINAGE. COLOR OF SILICONE SHALL MATCH EITHER WALL COLOR OR FIXTURE COLOR. (TYP. OF ALL EXTERIOR WALL MOUNTED FIXTURES).

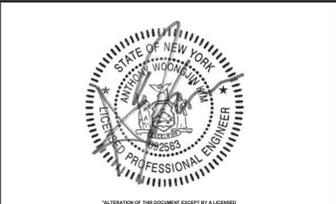
LIGHTING KEY NOTES:  
1. REFER TO EXTERIOR LIGHTING CONTROL PANEL RELAY SCHEDULE ON DRAWINGS E2 600



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CONSULTANTS:

MARK	DATE	DESCRIPTION



DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
PROJECT No:	DATE:	SCALE:	
VGFD2001	JULY 2022	AS SHOWN	

**VAILS GATE FIRE DISTRICT**

New Storage Building (Phase I)  
New Fire Station (Phase II)

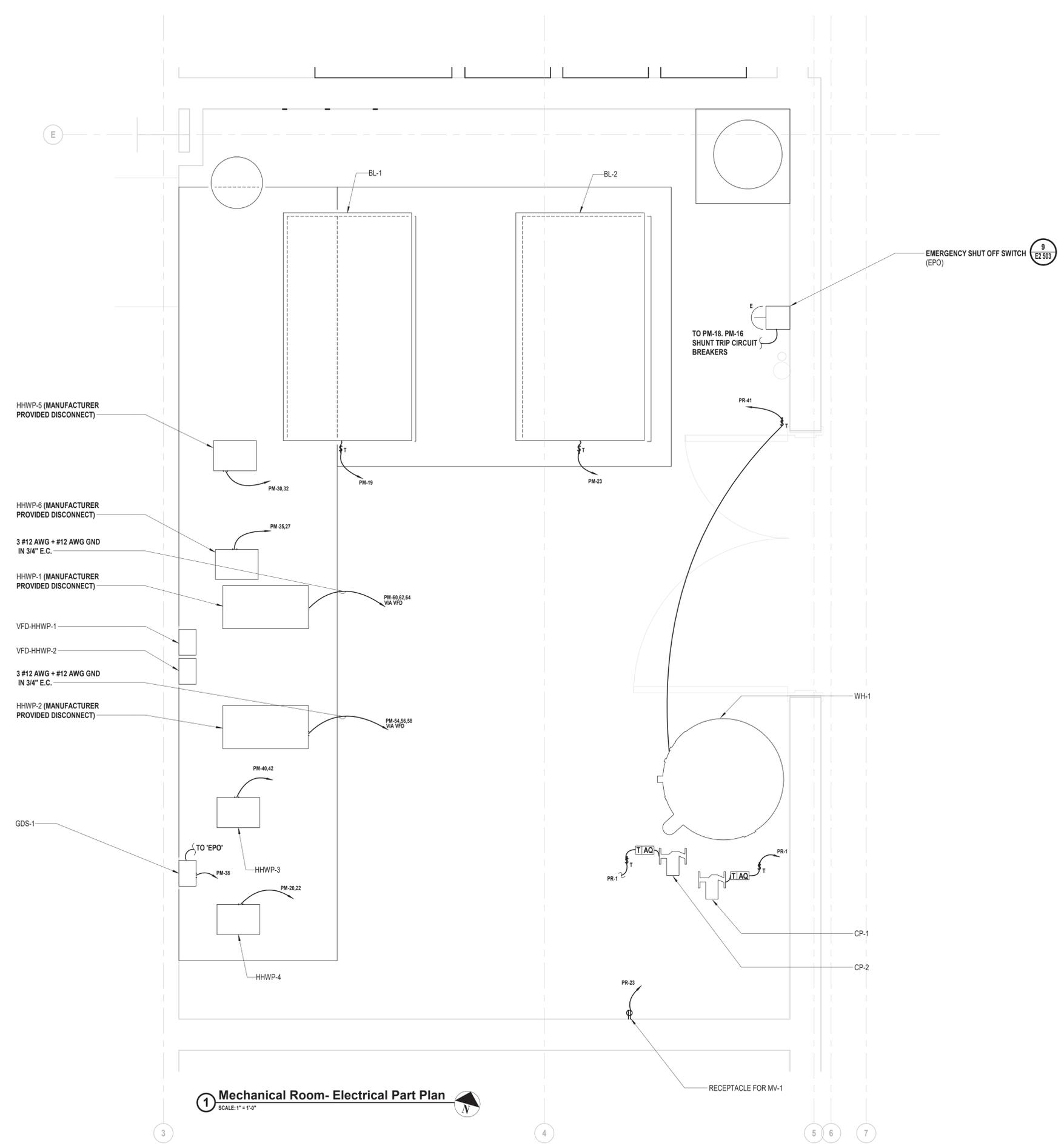
872 Blooming Grove Turnpike  
New Windsor, NY 12553

CONTRACT  
**CONTRACT G**  
GENERAL CONSTRUCTION

STATUS  
**REGULATORY REVIEW**

SHEET TITLE  
**ELECTRICAL ENLARGE PLANS  
NEW FIRE STATION  
PHASE 2**

DRAWING No.  
**E2 401.00**



**1 Mechanical Room- Electrical Part Plan**  
SCALE: 1" = 1'-0"











Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
303B HOOD		20 A	1	1	288 VA			1500 VA			2	1	20 A		207 ELLIPTICAL
207 EXERCISE BIKE		20 A	1	3	360 VA			500 VA			4	1	20 A		PANEL 'UHC'
206 FLOOR REC.		20 A	1	5	1440 VA			1440 VA			6	1	20 A		206 FLOOR REC.
203B RANGE	GFCI/ST	20 A	1	7	1800 VA			1080 VA			8	1	20 A		STORAGE 204,205 REC.
203B REFRIGERATOR	GFCI	20 A	1	9	1800 VA			750 VA			10	2	30 A	GFEP	HEAT TRACER HT-D, HT-MAU, HT-208
TRAINING ROOM 206 REC.		20 A	1	11	1440 VA			1500 VA			12	2	30 A		207 STAIR MILL
206 FLOOR REC.		20 A	1	13	1440 VA			1440 VA			14	1	20 A		COMPANY ROOM 203A REC.
TRAINING ROOM 206 REC.		20 A	1	15	1080 VA			1440 VA			16	1	20 A		207 TREADMILL
CONFERENCE ROOM 202 REC.		20 A	1	17	0 VA			0 VA			18	1	20 A		SPARE
SPARE		20 A	1	19	0 VA			0 VA			20	1	20 A		SPARE
207 TREADMILL		20 A	1	21	1500 VA			0 VA			22	1	20 A		SPARE
SPARE		20 A	1	23	0 VA			0 VA			24	1	20 A		SPARE
SPARE		20 A	1	25	0 VA			0 VA			26	1	20 A		SPARE
SPARE		20 A	1	27	0 VA			0 VA			28	1	20 A		SPARE
SPARE		20 A	1	29	0 VA			0 VA			30	1	20 A		SPARE
SPARE		20 A	1	31	0 VA			0 VA			32	1	20 A		SPARE
SPARE		20 A	1	33	0 VA			0 VA			34	1	20 A		SPARE
SPARE		20 A	1	35	0 VA			0 VA			36	1	20 A		SPARE
SPARE		20 A	1	37	0 VA			0 VA			38	1	20 A		SPARE
SPARE		20 A	1	39	0 VA			0 VA			40	1	20 A		SPARE
SPARE		20 A	1	41	0 VA			0 VA			42	1	20 A		SPARE

Connected Totals: A 7.6 kVA  
 B 7.4 kVA  
 C 7.7 kVA  
 Total: 22.7 kVA  
 Amps 63 A

**Breaker Option**  
 AS - Powerlink AS Breaker  
 LO - Handle Lock-off Device  
 ST - Shunt Trip Type  
 AUX - Auxiliary Contacts  
 PA - Handle Padlock Attachment  
 GFCI - Ground Fault Circuit Interrupter  
 HACR - Heating, A/C & Refrigeration  
 SF - Subfeed  
 TC - Time Clock Control

(All Phases to be balanced to within 7% Actual Load Totals)

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
Other		20 A	1	1	0 VA			240 VA			2	1	20 A		Other
ROOMS 119,114,117,115		20 A	1	3	259 VA			710 VA			4	1	20 A		ROOMS 120,121,122,127,128,118
KX HOOD	ST	20 A	1	5	659 VA			1000 VA			6	1	20 A		ROOMS 102,3,4,5,6,7,8,11
FIRST FLOOR CORRIDOR		20 A	1	7	945 VA			1398 VA			8	1	30 A		GEN. SHORE POWER
ECLP-2		20 A	1	9	1002 VA			1003 VA			10	1	20 A		MEETING ROOM 116
210,201,209,208,203B,204,205		20 A	1	11	1541 VA			2496 VA			12	1	20 A		206,207,216,217,218,219,220
APP. BAY/MEZZANINE		20 A	1	13	15			2496 VA			14	2	30 A		POWER WASHER
2ND FLR. OFFICES/ COMP. ROOMS		20 A	1	17				1069 VA			16	1	20 A		APP. BAY/MEZZANINE
		20 A	1	19				1200 VA			20	2	30 A		HVLS-1
ECLP-3		20 A	2	23	115 VA			1200 VA			22	3	20 A		HVLS-1
		20 A	2	25	1200 VA			1200 VA			24	2	30 A		HVLS-1
HVLS-2		20 A	3	27	1200 VA			1200 VA			26	3	20 A		HVLS-3
		20 A	3	29	1200 VA			1200 VA			28	3	20 A		HVLS-3
		20 A	3	31	2880 VA			0 VA			30	3	20 A		SPARE
LAUNDRY ROOM DRYER	GFCI	30 A	3	33	2880 VA			0 VA			32	1	20 A		SPARE
		20 A	1	35	2880 VA			0 VA			34	1	20 A		SPARE
SPARE		20 A	1	37	0 VA			0 VA			36	1	20 A		SPARE
SPARE		20 A	1	39	0 VA			0 VA			38	1	20 A		SPARE
SPARE		20 A	1	41	0 VA			0 VA			40	1	20 A		SPARE

Connected Totals: A 12.4 kVA  
 B 12.4 kVA  
 C 12.3 kVA  
 Total: 37.1 kVA  
 Amps 103 A

**Breaker Option**  
 AS - Powerlink AS Breaker  
 LO - Handle Lock-off Device  
 ST - Shunt Trip Type  
 AUX - Auxiliary Contacts  
 PA - Handle Padlock Attachment  
 GFCI - Ground Fault Circuit Interrupter  
 HACR - Heating, A/C & Refrigeration  
 SF - Subfeed  
 TC - Time Clock Control

(All Phases to be balanced to within 7% Actual Load Totals)

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
ELAVATOR CONTROL PANEL		20 A	1	1	200 VA						2				
		20 A	1	3							4				
		20 A	1	5							6				
PANEL PC		225 A	3	7	7430 VA			12403 VA			8	3	225 A		PANEL PL
		20 A	1	9	7650 VA			12315 VA			10				
		20 A	1	11	15540 VA			23238 VA			12				
PANEL PR		225 A	3	13	15540 VA			23238 VA			14	3	225 A		PANEL PM
		20 A	1	15	15520 VA			23284 VA			16				
		20 A	1	17	0 VA			2004 VA			18				
SIREN CONTROL PANEL		40 A	3	19	0 VA			2004 VA			20	3	30 A		VX
		20 A	1	21	0 VA			2004 VA			22				
		20 A	1	23	2880 VA			3360 VA			24				
SURGE SUPPRESSION		30 A	3	25	2880 VA			3360 VA			26	3	30 A	ST	ELEVATOR
		20 A	1	27	2880 VA			3360 VA			28				
		20 A	1	29	5544 VA			6432 VA			30				
SCBA TANK FILLER		80 A	3	31	5544 VA			6432 VA			32	3	70 A	HACR	CU-1
		20 A	1	33	5544 VA			6432 VA			34				
		20 A	1	35	6432 VA			13140 VA			36				
CU-2	HACR	70 A	3	37	6432 VA			13140 VA			38	3	125 A	HACR	DOAS-1
		20 A	1	39	6432 VA			13140 VA			40				
SPARE		20 A	1	41	0 VA			0 VA			42	1	20 A		SPARE

Connected Totals: A 98.6 kVA  
 B 98.6 kVA  
 C 98.6 kVA  
 Total: 295.8 kVA  
 Amps 821 A

**Breaker Option**  
 AS - Powerlink AS Breaker  
 LO - Handle Lock-off Device  
 ST - Shunt Trip Type  
 AUX - Auxiliary Contacts  
 PA - Handle Padlock Attachment  
 GFCI - Ground Fault Circuit Interrupter  
 HACR - Heating, A/C & Refrigeration  
 SF - Subfeed  
 TC - Time Clock Control

(All Phases to be balanced to within 7% Actual Load Totals)

Load Description	Breaker Option	Trip	Poles	Circ No.	A	B	C	A	B	C	Circ No.	Poles	Trip	Breaker Option	Load Description
CUH-A	HACR	20 A	1	1	84 VA			200 VA			2	1	20 A		GDS-2
CUH-126/ERXF-122	HACR	20 A	1	3	134 VA			240 VA			4	1	20 A		MAU-1 (CONTROL PANEL)
CUH-B	HACR	15 A	1	5	300 VA			84 VA			6	1	15 A		GX-4
GX-1S STARTER CIRCUIT		20 A	1	7	300 VA			900 VA			8	1	20 A		SEC. FLOOR CDP-A
KITCHEN HOOD	ST	20 A	1	9	780 VA			960 VA			10	1	20 A		LRS-1
TX-1		15 A	1	11				480 VA			12	1	20 A		SEC. FLOOR OFFICES CDP-A
UH-1, UH-2	HACR	20 A	1	13	1104 VA			1500 VA			14	1	20 A		BATTERY CHARGER
CDP-A		20 A	1	15	1440 VA			1800 VA			16	1	20 A		GEAR DRYER
UH-3, UH-4	HACR	20 A	1	17				1104 VA			18	1	20 A		GEN. RECEPT./ANTI-COND. HTR
BL-1	ST	20 A	1	19	1920 VA			0 VA			20	2	20 A	HACR	HHWP-4 (STAND-BY)
TK-2		20 A	1	21	120 VA			0 VA			22	2	20 A		TX-3
BL-2	ST	20 A	1	23	120 VA			1920 VA			24	1	20 A		TX-3
		20 A	2	25	0 VA			184 VA			26	2	15 A	HACR	BC-4, EU-211,212,213,214,215,216
HHWP-6 (STAND-BY)	HACR	20 A	2	27	0 VA			184 VA			28	2	15 A	HACR	BC-4, EU-211,212,213,214,215,216
KITCHEN 118 RANGE REC.	ST	20 A	1	29	292 VA			408 VA			30	2	20 A	HACR	HHWP-5
		15 A	2	31	292 VA			624 VA			32	2	20 A	HACR	HHWP-5
BC-1, EU114,118,120,FCU-102	HACR	15 A	2	33	292 VA			694 VA			34	2	15 A	HACR	BC-3, EU-202,203, FCU-204A,206
		20 A	1	35	676 VA			120 VA			36	1	20 A		GDS-1
		20 A	1	37	676 VA			120 VA			38	1	20 A		SPARE
KX-118	HACR	15 A	2	39	676 VA			948 VA			40	2	20 A	HACR	HHWP-3
		20 A	2	41	948 VA			1040 VA			42	2	15 A	HACR	HHWP-3
BC-2,FCU-116-1,2,3,EU-125A	HACR	15 A	2	43	948 VA			1040 VA			44	2	15 A	HACR	OU-1
		20 A	2	45	750 VA			1040 VA			46	2	15 A	HACR	OU-1
WEH-12	HACR	20 A	2	47	750 VA			2288 VA			48	2	70 A		MEZZANINE COMPRESSOR
GX-2	HACR	20 A	1	49	408 VA			2288 VA			50	2	70 A		MEZZANINE COMPRESSOR
MEZZANINE COMPRESSOR		70 A	2	51	2288 VA			408 VA			52	1	20 A	ST	KITCHEN 118 RANGE REC.
		20 A	1	53	2496 VA			2288 VA			54	3	20 A	HACR	HHWP-2 (STAND-BY)
BLOCK HEATER	HACR	30 A	2	55	2496 VA			468 VA			56	3	20 A	HACR	HHWP-2 (STAND-BY)
		20 A	1	57	2496 VA			468 VA			58	3	20 A	HACR	HHWP-2 (STAND-BY)
MAU-1 (FAN MOTOR)	HACR	15 A	3	61	468 VA			1272 VA			60	3	20 A	HACR	HHWP-1
		20 A	1	63	468 VA			1272 VA			62	3	20 A	HACR	HHWP-1
		20 A	1	65	1320 VA			1320 VA			64	3	20 A	HACR	MAU-1 (CONDENSER)
GX-1	HACR	20 A	3	67	1320 VA			1740 VA			66	3	20 A	HACR	MAU-1 (CONDENSER)
		20 A	1	69	1320 VA			1740 VA			68	3	20 A	HACR	MAU-1 (CONDENSER)
		20 A	1	71	1320 VA			1740 VA			70	3	20 A	HACR	MAU-1 (CONDENSER)
RTU-208	HACR	35 A	3	73	3408 VA			3408 VA			72	1	20 A	--	SPARE
		20 A	1	75	3408 VA			0 VA			74	1	20 A	--	SPARE
		20 A	1	76	3408 VA			0 VA			76	1	20 A	--	SPARE
SPARE		20 A	1	77	0 VA			0 VA			78	1	20 A	--	SPARE

Connected Totals: A 23.3 kVA  
 B 23.2 kVA  
 C 23.3 kVA

