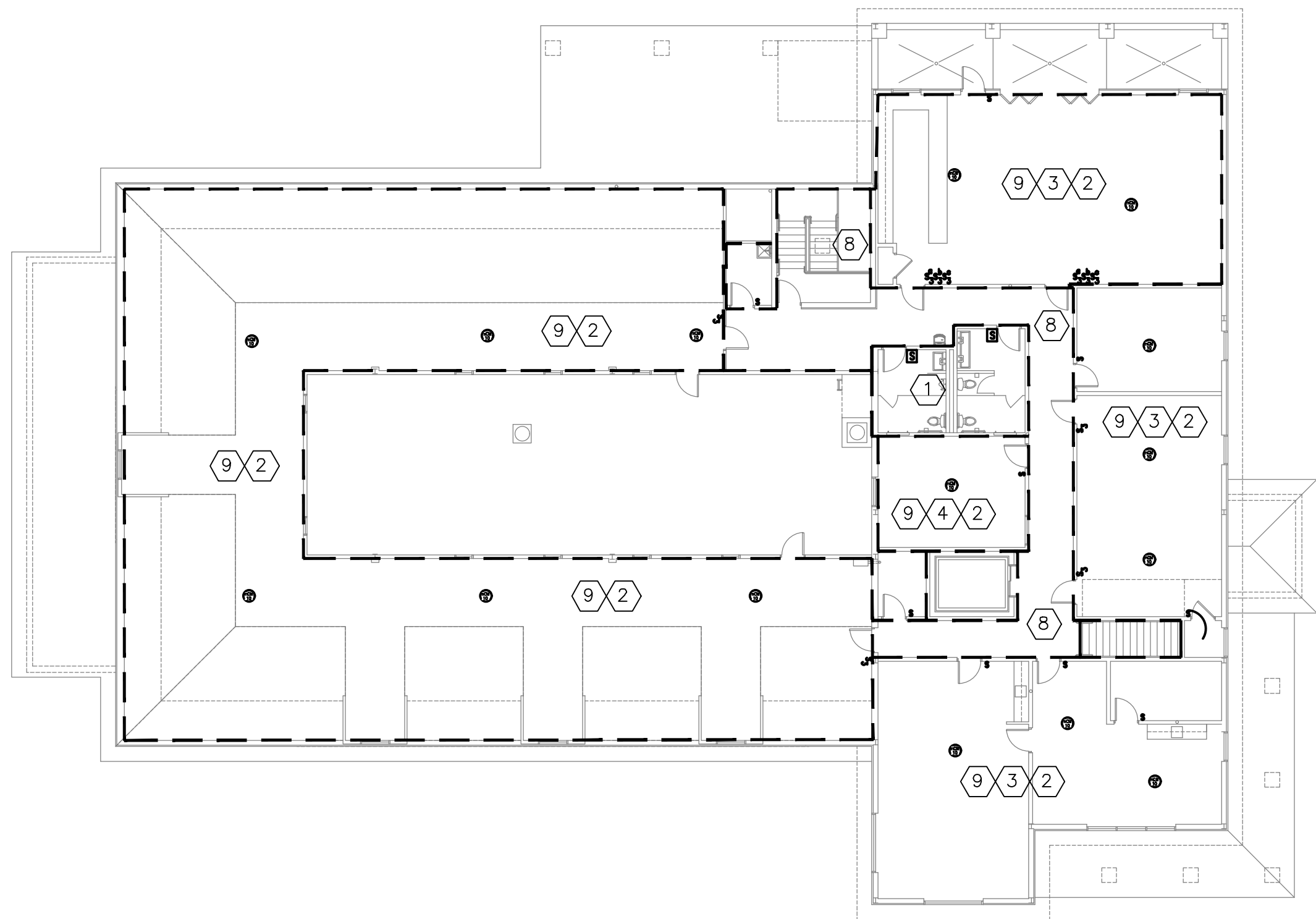


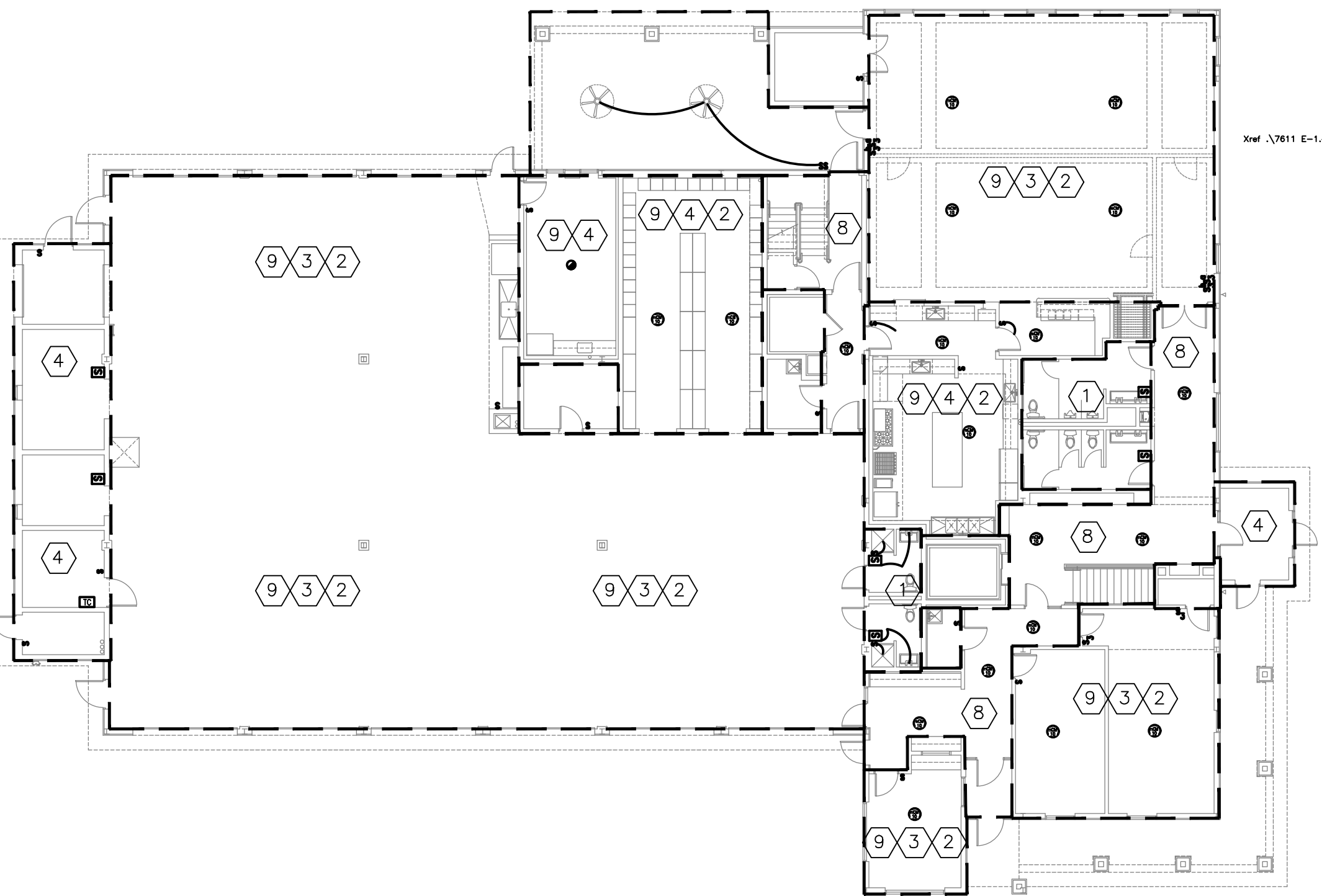
X INTERIOR LIGHTING KEY NOTES

1. VACANCY SENSOR (AUTO OFF, MANUAL ON/OVERRIDE WITH DIMMING AND MANUAL OFF)(C405.2.1 AND C405.2.1.1). EXCEPT PUBLIC CORRIDORS, STAIRWAYS, RESTROOMS, PRIMARY BUILDING ENTRANCE AREAS AND LOBBIES, MANUAL FULL AUTOMATIC ON IS PERMITTED.
2. TIME CONTROL ON/OFF WITH MANUAL OVERRIDE (C405.2.2) WITHOUT 50% LIGHT REDUCTION (IN A REASONABLE UNIFORM PATTERN) WITH MANUAL CONTROL (C405.2.2.1 EXCEPTION #2).
3. AUTOMATIC DAYLIGHT CONTROL ZONE WITH CONTINUOUS DIMMING (C405.2.3).
4. DAYLIGHT RESPONSIVE CONTROLS NOT REQUIRED IN THIS AREA IS NOT MORE THAN 150W OF GENERAL LIGHTING WITHIN DAYLIGHT ZONE (C405.2.3.1) AND/OR IN HEALTHCARE FACILITY WHERE PATIENT CARE IS DIRECTLY PROVIDED (C405.2.5.3 EXCEPTION 1) OR SLEEPING UNIT(S) (C405.2.5.3 EXCEPTION 2) OR IN SIDELIGHT DAYLIGHT ZONES ON THE FIRST FLOOR ABOVE GRADE IN GROUP A-2 OCCUPANCY. (C405.2.5.3 EXCEPTION 4) OR THE AREA OF THE FENESTRATION IS LESS THAN 24 SQUARE FEET.
5. EMERGENCY LIGHTING TO BE PROVIDED FROM (FIXTURES WITH INTEGRAL BATTERY PACKS WITHIN FIXTURES) OR (WALL PACK UNITS NORMALLY OFF (C405.2 EXCEPTION #3).
8. LIGHTING CONTROLS ARE NOT REQUIRED FOR INTERIOR EXIT STAIRWAYS, INTERIOR EXIT RAMPS AND INTERIOR EXIT PASSAGEWAYS (C405.2 EXCEPTION#2.)
9. OCCUPANCY SENSOR SET FOR 30 MINUTES TO OVERRIDE TIME CLOCK FOR AFTER HOURS AND BE DEACTIVATED DURING NORMAL BUSINESS HOURS. (NOT APPLICABLE).



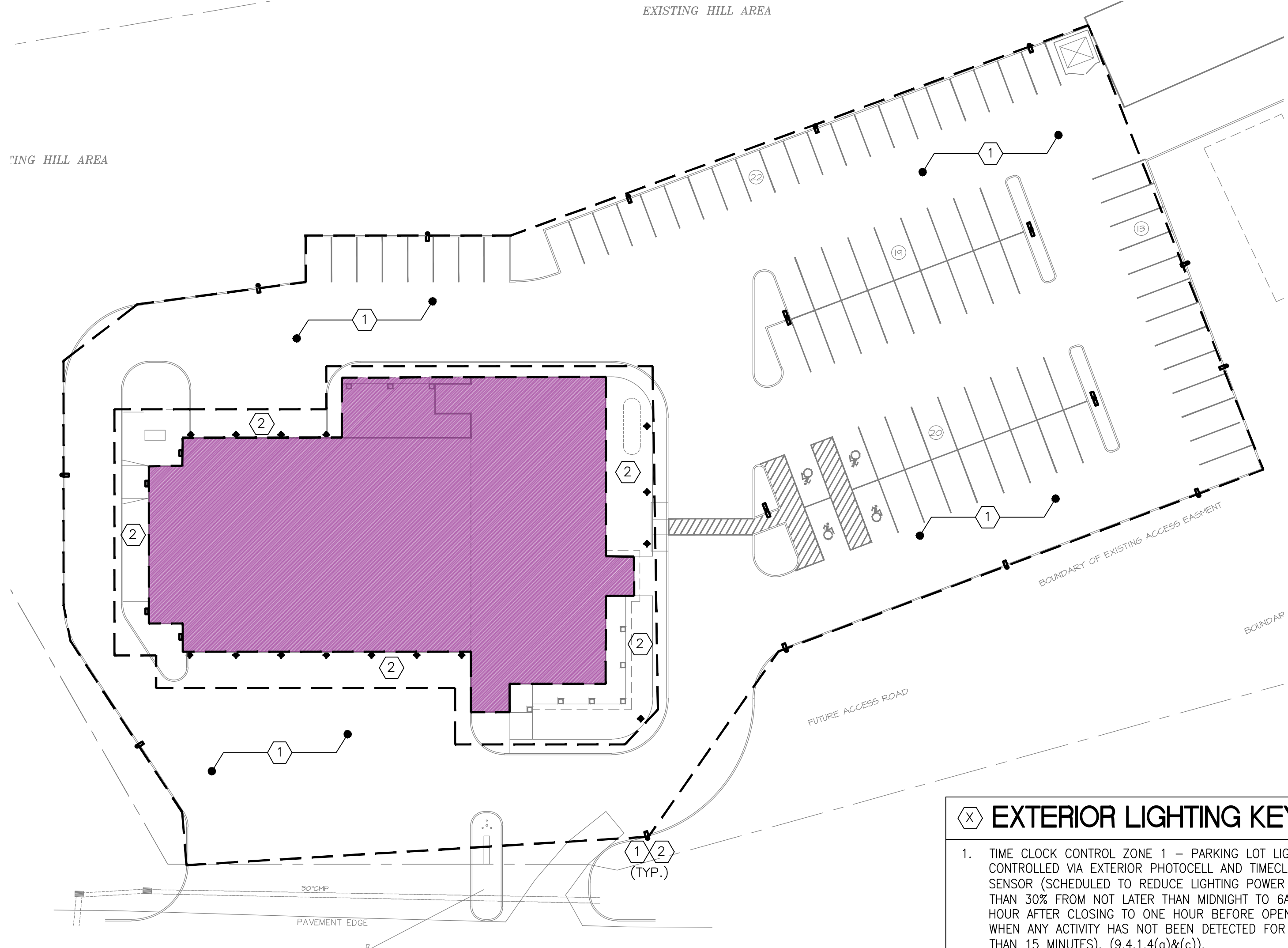
SECOND FLOOR LIGHTING PLAN

SCALE: 1/16" = 1'-0"



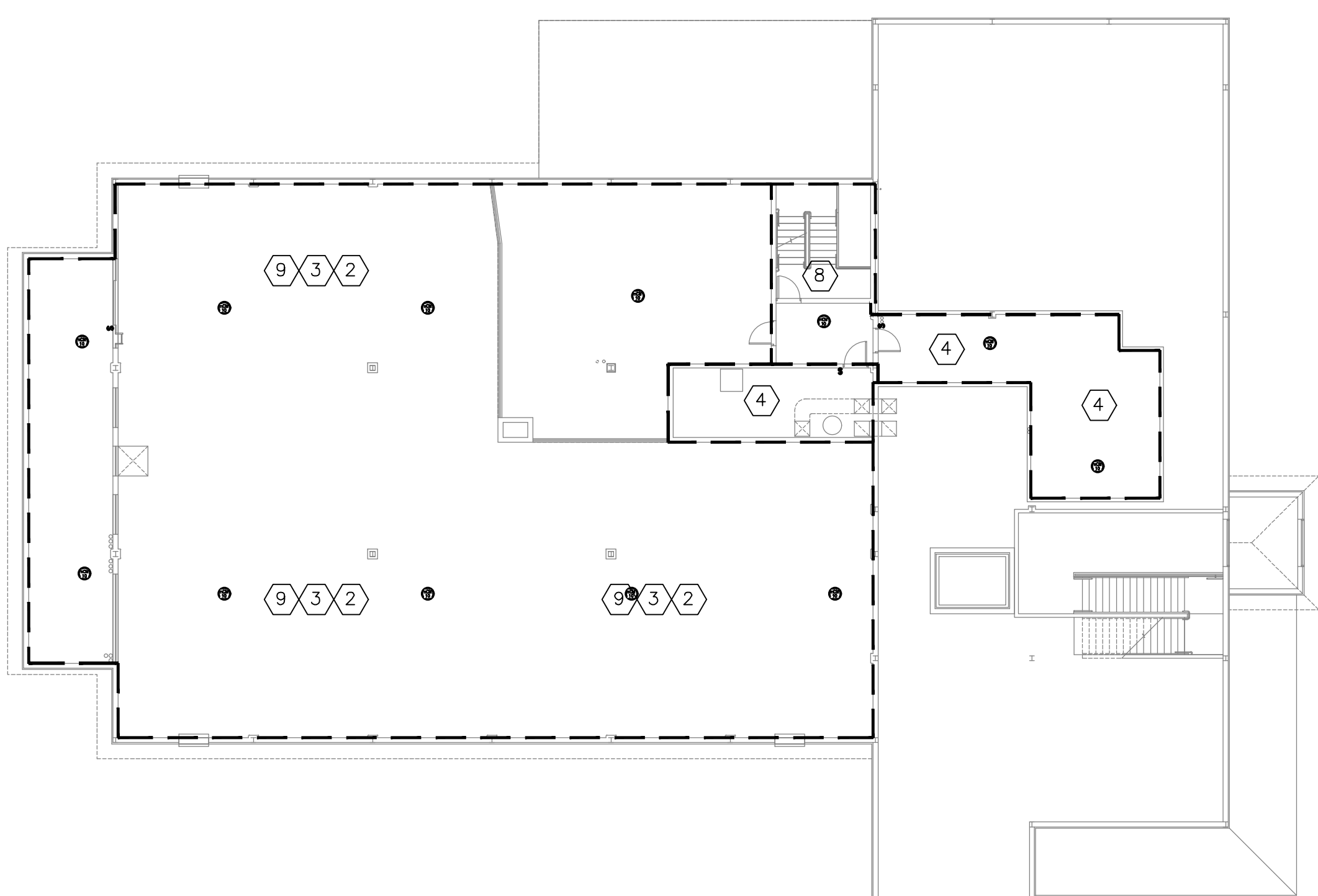
FIRST FLOOR LIGHTING PLAN

SCALE: 1/16" = 1'-0"



SITE PLAN LIGHTING

SCALE: 1/32" = 1'-0"



MEZZAINE LIGHTING PLAN

SCALE: 1/16" = 1'-0"

X EXTERIOR LIGHTING KEY NOTES

1. TIME CLOCK CONTROL ZONE 1 – PARKING LOT LIGHTS LIGHTS TO BE CONTROLLED VIA EXTERIOR PHOTOCELL AND TIMECLOCK OR MOTION SENSOR (SCHEDULED TO REDUCE LIGHTING POWER BY NOT LESS THAN 30% FROM NOT LATER THAN MIDNIGHT TO 6AM, FROM ONE HOUR AFTER CLOSING TO ONE HOUR BEFORE OPENING OR DURING WHEN ANY ACTIVITY HAS NOT BEEN DETECTED FOR A TIME LONGER THAN 15 MINUTES). (9.4.1.4(a)&(c)).
2. TIME CLOCK CONTROL ZONE 2 – EXTERIOR BUILDING FACADE OR LANDSCAPE LIGHTING TO BE CONTROLLED VIA EXTERIOR PHOTOCELL AND TIME CLOCK (SCHEDULED TO BE TURNED BETWEEN MIDNIGHT OR BUSINESS CLOSING, WHICHEVER IS LATER AND 6AM OR BUSINESS OPENING, WHICHEVER COMES FIRST) (9.4.1.4(a)&(b)).

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PERSONAL JUDGMENT;

THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH SECTIONS C403, C404, C405, C406.3 AND C408.3 OF CHAPTER 4 [CE] "COMMERCIAL PROVISIONS " OF THE 2025 NYSBC.

THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSBC, 1ST PRINTING.

I THE HEREBY UNDERSIGNED NY STATE REGISTERED DESIGN PROFESSIONAL STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSECCC.

DRAWING NO.

EN-0.1
EN-0.2
EN-0.3
EN-0.4
EN-0.5

TITLE

ENERGY CODE COMPLIANCE SHEET 1
ENERGY CODE COMPLIANCE SHEET 2
ENERGY CODE COMPLIANCE SHEET 3
ENERGY CODE COMPLIANCE SHEET 4
ENERGY CODE COMPLIANCE SHEET 5

"It is a violation of the State Education Law for any person, unless he or she is acting under the direction of a licensed professional engineer to alter an item in anyway, on this drawing and/or in this specification in anyway. If any such item is altered, the altering engineer shall affix to the item his or her seal and the notation "altered by" followed by his or her signature and the date of such alteration, and a specific description of the alteration."
This plan is approved only for the work indicated on the application specification sheet, all other matters are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

DATE ISSUED

08-22-2026 ISSUED FOR 100%DD/50%CD REVIEW
07-20-2026 ISSUED FOR 90%CD REVIEW
08-17-2026 ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



SENDLEWSKI ARCHITECTS, P.C.

ARCHITECTS - PLANNERS

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PROPOSED NEW FACILITY

ELLENVILLE FIRE DISTRICT

203 S. MAIN ST. NYS ROUTE 209

ELLENVILLE, NY 12428

ENERGY CODE COMPLIANCE SHEET 1

PROJECT No. 2501 EMTEC-7611

CHECKED BY: JE/ARS

DRAWING:

EN-0.1

EMTEC PROJECT NO. 7611 DRAWN BY: JE CHECKED BY: ARS



Interior Lighting Compliance Certificate

Project Information

Energy Code: 2025 Energy Conservation Construction Code of New York State
Project Title: 7611 - Ellenville Fire House
Location: Ellenville, New York
Climate Zone: 6a
Project Type: New Construction

Construction Site: Owner/Agent: Designer/Contractor:

Allowed Interior Lighting Power

A	B	C	D
Area Category	Floor Area (ft2)	Allowed Watts / ft2	Allowed Watts
1-Mechanical Room (Common Space Types:Electrical/mechanical room)	590	0.39	230
2-STAIR B (Common Space Types:Stairwell)	378	0.47	178
3-MEZZANINE (Common Space Types:Corridor >=8 ft wide)	102	0.44	45
4-KITCHEN EXHAUST (Common Space Types:Electrical/mechanical room)	121	0.39	47
5-ELECTRICAL SERVICE (Common Space Types:Electrical/mechanical room)	113	0.39	44
6-WATER SERVICE (Common Space Types:Electrical/mechanical room)	65	0.39	25
7-SCBA (Common Space Types:Workshop)	106	1.09	116
8-WORK ROOM (Common Space Types:Workshop)	178	1.09	194
9-DELIVERY (Common Space Types:Storage room >=50 - <=1000 sq ft.)	110	0.35	38
10-STORAGE (Common Space Types:Storage room >=50 - <=1000 sq ft.)	112	0.35	39
11-READY ROOM (Common Space Types:Locker room)	293	0.43	122
12-GEAR AREA (Common Space Types:Locker room)	638	0.43	274
13-GEAR WASH AND DECON AREA (Common Space Types:Laundry/washing area)	126	0.51	64
14-CORRIDOR FIRST FLOOR (Common Space Types:Corridor >=8 ft wide)	466	0.44	205
15-KITCHEN AND KITCHEN SERVICE AREA (Common Space Types:Food preparation area)	561	0.82	516
16-MEN'S RESTROOM FIRST FLR (Common Space Types:Restrooms)	137	0.74	101
17-WOMEN'S RESTROOM FIRST FLR (Common Space Types:Restrooms)	138	0.74	102
18-RADIO ROOM (Common Space Types:Computer room, data center)	187	0.75	148
19-CHIEF'S OFFICE (Common Space Types:Office - enclosed)	284	0.73	203
20-FITNESS ROOM (Gymnasium/Fitness Center Exercise area in a gymnasium/fitness center)	406	0.5	203
21-BATHROOM AND SHOWER (Common Space Types:Restrooms)	116	0.74	86
22-INFO MAIL ROOM (Common Space Types:Storage room >=50 - <=1000 sq ft.)	110	0.35	38
23-COMMUNITY SHELTER ROOM (Common Space Types:Dining area)	1784	0.42	749

Report Title: 7611 - Ellenville Fire House

Report Date: Sep 16, 2026, 08:32 AM (PDT)

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A	B	C	D
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	# of Fixture	Fixture Watt.	(B X C)
38-JANITOR CLOSET (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F4: F4: LED:	1	40	40
F2H: F2H: LED:	1	41	41
39-ENCLOSED STORAGE MEZZANINE (Common Space Types:Storage room >=1000 sq ft.)			
F1: F1: LED:	6	37.8	228.8
40-APPARATUS BAYS (Parking Garage/Parking area, interior)			
F1: F1: LED:	33	37.8	1247.4
41-CORRIDOR SECOND FLOOR (Common Space Types:Corridor >=8 ft wide)			
F2: F2: LED:	9	34	306
F7: F7: LED:	6	10	60
E1: E1: LED:	2	2	4
42-TRAINING CLASSROOM AND SERVICE COUNTER (Common Space Types:Classroom/lecture hall/training room)			
F2: F2: LED:	18	34	612
F7: F7: LED:	15	10	150
E1: E1: LED:	2	2	4

Proposed Interior Lighting Controls

Fixture	Lighting Control
1-Mechanical Room (Common Space Types:Electrical/mechanical room)	
F4: F4: LED:	Manual Control
2-STAIR B (Common Space Types:Stairwell)	
FEM: FEM: LED:	Manual Control
E1: E1: LED:	
3-MEZZANINE (Common Space Types:Corridor >=8 ft wide)	
F2: F2: LED:	Manual Control
4-KITCHEN EXHAUST (Common Space Types:Electrical/mechanical room)	
F2: F2: LED:	Manual Control
5-ELECTRICAL SERVICE (Common Space Types:Electrical/mechanical room)	
F3H: F3H: LED:	Manual Control
6-WATER SERVICE (Common Space Types:Electrical/mechanical room)	
F3H: F3H: LED:	Manual Control
7-SCBA (Common Space Types:Workshop)	
F3H: F3H: LED:	Manual Control
8-WORK ROOM (Common Space Types:Workshop)	
F3H: F3H: LED:	Manual Control
9-DELIVERY (Common Space Types:Storage room >=50 - <=1000 sq ft.)	
F3H: F3H: LED:	Manual Control
E1: E1: LED:	Manual Control
10-STORAGE (Common Space Types:Storage room >=50 - <=1000 sq ft.)	
F3H: F3H: LED:	Manual Control
11-READY ROOM (Common Space Types:Locker room)	
F2H: F2H: LED:	Manual Control

Report Title: 7611 - Ellenville Fire House

Report Date: Sep 16, 2026, 08:32 AM (PDT)

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A	B	C	D
Area Category	Floor Area (ft2)	Allowed Watts / ft2	Allowed Watts
24-TABLE AND CHAIR STORAGE (Common Space Types:Storage room >=50 - <=1000 sq ft.)	109	0.35	38
25-LOBBY (Common Space Types:Lobby)	298	0.8	238
26-VESTIBULE FIRST FLOOR (Common Space Types:Lobby)	185	0.8	148
27-ATTIC (Common Space Types:Storage room >=1000 sq ft.)	3979	0.35	1393
28-CAPTAIN'S OFFICE SECOND FLR (Common Space Types:Office - enclosed)	301	0.73	220
29-CONFERENCE ROOM (Common Space Types:Conference/meeting/multipurpose room)	582	0.88	512
30-COMMISSIONERS OFFICE (Common Space Types:Office - enclosed)	648	0.73	473
31-FILE ROOM (Common Space Types:Storage room >=50 - <=1000 sq ft.)	120	0.35	42
32-SECRETARY AND TREASURER OFFICE (Common Space Types:Office - enclosed)	430	0.73	314
33-CIVIL OFFICERS OFFICE (Common Space Types:Office - enclosed)	273	0.73	199
34-IT ROOM (Common Space Types:Computer room, data center)	58	0.75	43
35-WOMEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)	96	0.74	71
36-MEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)	94	0.74	70
37-TRAINING MEZZANINE (Common Space Types:Classroom/lecture hall/training room)	614	0.72	442
38-JANITOR CLOSET (Common Space Types:Storage room >=50 - <=1000 sq ft.)	98	0.35	34
39-ENCLOSED STORAGE MEZZANINE (Common Space Types:Storage room >=1000 sq ft.)	1273	0.35	446
40-APPARATUS BAYS (Parking Garage/Parking area, interior)	5787	0.11	637
41-CORRIDOR SECOND FLOOR (Common Space Types:Corridor >=8 ft wide)	700	0.44	308
42-TRAINING CLASSROOM AND SERVICE COUNTER (Common Space Types:Classroom/lecture hall/training room)	1069	0.72	770

Proposed Interior Lighting Power

A	B	C	D
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	# of Fixture	Fixture Watt.	(B X C)
1-Mechanical Room (Common Space Types:Electrical/mechanical room)			
F4: F4: LED:	4	40	160
2-STAIR B (Common Space Types:Stairwell)			
FEM: FEM: LED:	6	37.8	226.8
E1: E1: LED:	1	2	2
3-MEZZANINE (Common Space Types:Corridor >=8 ft wide)			
F2: F2: LED:	2	34	68
4-KITCHEN EXHAUST (Common Space Types:Electrical/mechanical room)			
F2: F2: LED:	2	34	68
5-ELECTRICAL SERVICE (Common Space Types:Electrical/mechanical room)			
F3H: F3H: LED:	1	49	49

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A	B	C	D
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	# of Fixture	Fixture Watt.	(B X C)
6-WATER SERVICE (Common Space Types:Electrical/mechanical room)			
F3H: F3H: LED:	1	49	49
7-SCBA (Common Space Types:Workshop)			
F3H: F3H: LED:	1	49	49
8-WORK ROOM (Common Space Types:Workshop)			
F3H: F3H: LED:	2	49	98
9-DELIVERY (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F3H: F3H: LED:	1	49	49
E1: E1: LED:	1	2	2
10-STORAGE (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F3H: F3H: LED:	2	41	82
E1: E1: LED:			
11-READY ROOM (Common Space Types:Locker room)			
F2H: F2H: LED:	6	41	246
E1: E1: LED:	1	2	2
12-GEAR AREA (Common Space Types:Locker room)			
F4: F4: LED:	10	40	400
13-GEAR WASH AND DECON AREA (Common Space Types:Laundry/washing area)			
F7: F7: LED:	4	10	40
E1: E1: LED:	1	2	2
14-CORRIDOR FIRST FLOOR (Common Space Types:Corridor >=8 ft wide)			
F2H: F2H: LED:	6	41	246
F7: F7: LED:	3	10	30
E1: E1: LED:	4	2	8
15-KITCHEN AND KITCHEN SERVICE AREA (Common Space Types:Food preparation area)			
F2H: F2H: LED:	9	41	369
F7: F7: LED:	3	10	30
E1: E1: LED:	1	2	2
16-MEN'S RESTROOM FIRST FLR (Common Space Types:Restrooms)			
F2H: F2H: LED:	3	41	123
17-WOMEN'S RESTROOM FIRST FLR (Common Space Types:Restrooms)			
F2H: F2H: LED:	3	41	123
F7: F7: LED:	8	10	80
18-CHIEF'S OFFICE (Common Space Types:Office - enclosed)			
F2H: F2H: LED:	6	41	246
20-FITNESS ROOM (Gymnasium/Fitness Center Exercise area in a gymnasium/fitness center)			
F2H: F2H: LED:	6	41	246
F7: F7: LED:	3	10	30
21-BATHROOM AND SHOWER (Common Space Types:Restrooms)			
F2H: F2H: LED:	2	41	82
F6: F6: LED:	2	20	40

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A	B	C	D
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	# of Fixture	Fixture Watt.	(B X C)
22-INFO MAIL ROOM (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F2H: F2H: LED:	3	41	123
E1: E1: LED:	1	2	2
23-COMMUNITY SHELTER ROOM (Common Space Types:Dining area)			
F2H: F2H: LED:	42	41	1722
E1: E1: LED:	2	2	4
24-TABLE AND CHAIR STORAGE (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F4: F4: LED:	1	40	40
25-LOBBY (Common Space Types:Lobby)			
F2H: F2H: LED:	4	41	164
E1: E1: LED:	1	2	2
26-VESTIBULE FIRST FLOOR (Common Space Types:Lobby)			
F2H: F2H: LED:	1	41	41
F7: F7: LED:	2	10	20
E1: E1: LED:	2	2	4
27-ATTIC (Common Space Types:Storage room >=1000 sq ft.)			
F4: F4: LED:	30	40	1200
E1: E1: LED:	2	2	4
28-CAPTAIN'S OFFICE SECOND FLR (Common Space Types:Office - enclosed)			
F2: F2: LED:	6	34	204
29-CONFERENCE ROOM (Common Space Types:Conference/meeting/multipurpose room)			
F2H: F2H: LED:	12	34	408
E1: E1: LED:	2	2	4
30-COMMISSIONERS OFFICE (Common Space Types:Office - enclosed)			
F2: F2: LED:	15	34	510
31-FILE ROOM (Common Space Types:Storage room >=50 - <=1000 sq ft.)			
F2: F2: LED:	2	34	68
32-SECRETARY AND TREASURER OFFICE (Common Space Types:Office - enclosed)			
F2: F2: LED:	7	34	238
33-CIVIL OFFICERS OFFICE (Common Space Types:Office - enclosed)			
F2: F2: LED:	6	34	204
34-IT ROOM (Common Space Types:Computer room, data center)			
F2: F2: LED:	1	34	34
35-WOMEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)			
F2: F2: LED:	2	34	68
36-MEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)			
F2: F2: LED:	2	34	68
37-TRAINING MEZZANINE (Common Space Types:Classroom/lecture hall/training room)			
F3: F3: LED:	5	40	200

Report Title: 7611 - Ellenville Fire House

Report Date: Sep 16, 2026, 08:32 AM (PDT)

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Fixture	Lighting Control
F2: F2: LED:	Manual Control
E1: E1: LED:	Manual Control
30-COMMISSIONERS OFFICE (Common Space Types:Office - enclosed)	
F2: F2: LED:	Manual Control
31-FILE ROOM (Common Space Types:Storage room >=50 - <=1000 sq ft.)	
F2: F2: LED:	
32-SECRETARY AND TREASURER OFFICE (Common Space Types:Office - enclosed)	
F2: F2: LED:	Manual Control
33-CIVIL OFFICERS OFFICE (Common Space Types:Office - enclosed)	
F2: F2: LED:	Manual Control
34-IT ROOM (Common Space Types:Computer room, data center)	
F2: F2: LED:	Manual Control
35-WOMEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)	
F2: F2: LED:	Manual Control
36-MEN'S RESTROOM SECOND FLR (Common Space Types:Restrooms)	
F2: F2: LED:	Manual Control
37-TRAINING MEZZANINE (Common Space Types:Classroom/lecture hall/training room)	
F3: F3: LED:	Manual Control
38-JANITOR CLOSET (Common Space Types:Storage room >=50 - <=1000 sq ft.)	
F4: F4: LED:	Manual Control
F2H: F2H: LED:	Manual Control
39-ENCLOSED STORAGE MEZZANINE (Common Space Types:Storage room >=1000 sq ft.)	
F1: F1: LED:	
40-APPARATUS BAYS (Parking Garage/Parking area, interior)	
F1: F1: LED:	
41-CORRIDOR SECOND FLOOR (Common Space Types:Corridor >=8 ft wide)	
F2: F2: LED:	
F7: F7: LED:	
E1: E1: LED:	
42-TRAINING CLASSROOM AND SERVICE COUNTER (Common Space Types:Classroom/lecture hall/training room)	
F2: F2: LED:	
F7: F7: LED:	
E1: E1: LED:	

Interior Lighting PASSES: Design 23% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2025 Energy Conservation Construction Code of New York State requirements in COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Andrew R. Solano, P.E.

Name - Title

Signature

Date



Report Title: 7611 - Ellenville Fire House

Report Date: Sep 16, 2026, 08:32 AM (PDT)

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MECHANICAL COMMISSIONING NOTE

COMMISSIONING IS REQUIRED FOR "MECHANICAL SYSTEMS AND SERVICE WATER-HEATING SYSTEMS" IN ACCORDANCE WITH SECTION C408.2.

REFER TO M-002 FOR COMMISSIONING NOTES

THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSBC, 1ST PRINTING.

I, THE HEREBY UNDERSIGNED NY STATE REGISTERED DESIGN PROFESSIONAL, STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSECC.

"It is a violation of the State Education Law for any person, unless he or she is acting under the direction of a licensed professional engineer to alter an item in anyway, on this drawing and/or in this specification in anyway. If any such item is altered, the altering engineer shall affix to the item his or her seal and the notation "altered by" followed by his or her signature and the date of such alteration, and a specific description of the alteration." This plan is approved only for the work indicated on the application specification sheet, all other matters are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

DATE

ISSUED

06-22-2026 ISSUED FOR 100%DD/50%CD REVIEW
07-20-2026 ISSUED FOR 90%CD REVIEW
08-17-2026 ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



SENDLEWSKI ARCHITECTS, P.C.
ARCHITECTS - PLANNERS

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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT

203 S. MAIN ST. NYS ROUTE 209

ELLENVILLE, NY 12428

ENERGY CODE COMPLIANCE SHEET 2

PROJECT No. 2501

EMTEC-7611

CHECKED BY: JE/ARS

DRAWING:

EN-0.2

EMTEC PROJECT NO. 7611 DRAWN BY: JE CHECKED BY: ARS

Plumbing Rough-In Inspection

Section # & Req ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL17]	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☒ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series
C404.6.1, C404.6.1.1 [PL27]	Demand recirculation water systems have controls that start the pump upon receiving a signal from the action of a user or a failure of appliance and limits the temperature of the water entering the cold-water piping to 104 °F.	☒ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series
C404.6.1, C404.6.2 [PL3]	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	☒ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series
C404.6.3 [PL4]	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C404.7 [PL5]	Drain water heat recovery (DWHR) units comply with CSA B55.2 with pressure loss < 10 psi at maximum flow. Group R occupancies have DWHR efficiencies in accordance with CSA B55.1.	☒ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Mechanical Rough-In Inspection

Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.3 [ME17]	HVAC equipment efficiency verified.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	<i>See the Mechanical Systems list for values</i>
C403.12.3, C403.12.3.1, C403.12.3.2 [ME137]	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Section C403.12.3.1 and refrigeration compressor systems that comply with C403.12.3.2.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.14.1 [ME147]	Systems that heat outside the building envelope are radiant heat systems controlled by an occupancy sensing device or time switch.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.13.1, C403.13.2 [ME137]	HVAC ducts and plenums insulated in accordance with C403.13.1 and constructed in accordance with C403.13.3, verification may need to occur during foundation inspection.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.13.3 [ME137]	HVAC piping insulation insulated in accordance with Table C403.13.3. Insulation exposed to weather is protected from damage and is provided with shading from solar radiation.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.2.2 [ME147]	Natural or mechanical ventilation is provided in accordance with International Mechanical Code Chapter 4. Mechanical ventilation has capability to reduce outdoor air supply to minimum per IMC Chapter 4.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.3.3 [ME137]	Hot gas bypass limited to: <=240 kBtu/h = 50% <=400 kBtu/h = 25%.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1.3 [ME247]	Where thermostatic control setpoints are adjustable by occupants or HVAC operations, the adjustments are independent for heating and cooling setpoint.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1.5 [ME247]	Heating for vestibules and air curtains with integral heating include automatic controls that limit the heating system when outdoor air temperatures > 40°F. Vestibule heating and cooling systems controlled by a thermostat that includes heating support <= 60°F and cooling support >= 60°F.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.9 [ME37]	Large diameter fans where installed shall be listed and labeled in accordance with AMCA 205 and meet efficiency requirements of Table C403.9.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.6 [ME57]	Electric heating and cooling systems are provided with sensors and safety controls as required in Section C403.4.6.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series

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Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.7 [ME37]	Doors or operable openings from conditioned space to outdoors > 40 sq ft contain automatic controls interlocked with the heating and cooling system.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Entrance doors as part of vestibule.
C403.4.8.1 [ME37]	Dehumidification controls do not use mechanical cooling to reduce humidity < 60% or a dew point < 55°F.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.8.2 [ME37]	Humidity controls do not use fossil fuel or electricity for a humidity > 30% in warmest zone.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.8.3 [ME37]	Zones served by systems with both humidification and dehumidification prevent simultaneous operation.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.5, C403.5.1, C403.5.2 [ME37]	Air economizers provided where required, meet the requirements for design capacity, control signal, ventilation controls, high limit shut-off, integrated economizer control, and provide a means to relieve excess outside air during operation.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.5.2 [ME407]	Economizer operation will not increase heating energy use during normal operation.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C404.2 [ME47]	Service water heating equipment meets efficiency requirements.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.5.3.3 [ME417]	Air economizers automatically reduce outdoor air quantity when outdoor air intake will not reduce energy usage. See Table C403.5.3.3 for applicable device types and climate zones.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.5.3.4 [ME427]	System capable of relieving excess outdoor air during air economizer operation to prevent over pressurizing the building. The relief air outlet located to avoid recirculation into the building.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.5.3.5 [ME427]	Return, exhaust/relief and outdoor air controls used in accordance with Table C403.5.3.5 for applicable device types and climate zones.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.5.5 [ME437]	Fault detection and diagnostics installed with air-cooled unitary DX units or VRF units having economizers.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series

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Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.7.1 [ME367]	Demand control ventilation provided for spaces >250 sq ft and >15 people/1000 sq ft. Demand control ventilation systems with air side economizer, auto modulating outside air damper control, or design airflow >3.00 cfm.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.7.2 [ME377]	Enclosed parking garage ventilation has separate ventilation systems for each section, can reduce airflow <0.05 cfm/sq ft of floor area and >50% of design capacity.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.7.4 [ME397]	Exhaust air energy recovery on systems meets Table C403.7.4(1) and C403.7.4(2).	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.7.5 [ME397]	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and minimum exhaust rate criteria. Type I exhaust hoods contain demand control kitchen ventilation with > 50% reduction in exhaust.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.7.6 [ME317]	HVAC systems serving guestrooms in Group R-1 buildings with > 50 guestrooms. Each guestroom is provided with controls that automatically manage temperature setpoint and ventilation rate based on C403.7.6.1 and C403.7.6.2.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.7.8, C403.7.8.1 [ME337]	Classrooms, training rooms, conference and multipurpose rooms, lounges, enclosed offices, open office areas and corridors contain occupied standby ventilation controls.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.8.4 [ME377]	Motors for fans that are not less than 1/2 hp and less than 1 hp are electronically commutated motors or have a minimum motor efficiency of 70 percent. These motors have the means to adjust motor speed.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.8.6 [ME367]	Each DX cooling system > 65 kBTu and other water responsive cooling system with fans > 1/4 hp are designed to vary the motor fan airflow as a function of load and comply with detailed requirements of this section.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.15 [ME397]	Dehumidification systems for plant growth and maintenance are tested in accordance with DOE 10 CFR 430, has on-site heat recovery > 70% of dehumidification energy or has a solid or liquid desiccant.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.16 [ME377]	Service water pressure boost systems, other than those used for pump control, do not have a pressure control device that booster pumps do not operate when there is no service water flow.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C403.17 [ME717]	Clean water pumps achieve a pump energy index (PEI) <= 1.0.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.

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Section # & Req ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C404.2.1 [ME727]	Gas-fired water-heating equipment installed in new buildings, where a single piece of water-heating equipment <= 1,000 Btu/h serves the entire building, thermal efficiency >= 80.5. Where multiple pieces of water-heating equipment serve the building with combined rating >= 1,000 Btu/h, the combined input-capacity-weighted average thermal efficiency >= 80.5. Exclude input rating of equipment in individual dwelling units and equipment <= 100 kBtu/h.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C408.2.2.1 [ME737]	Air outlets and zone terminal devices have means for air balancing.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Rough-In Electrical Inspection

Section # & Req ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1, C405.2.1.1 [EL17]	Occupancy sensors installed in classrooms/meeting/multipurpose rooms, computer rooms/data centers, conference/meeting/multipurpose rooms, computer rooms, lounges/breakrooms, dining rooms, medical supply rooms, enclosed storage areas, restrooms, corridors, warehouse storage areas, and other spaces > 300 sq ft that are enclosed by floor-to-ceiling height partitions.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.8, C405.2.8.1 [EL167]	Interior lighting in Group B, E, M and S buildings have demand responsive lighting controls capable of reducing lighting load to <=70% of full load upon receipt of a demand response signal.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.2.9 [EL177]	Interior parking area lighting controlled by occupancy sensors or time switch control.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.0
C405.2.1.5 [EL187]	Occupancy sensor control function for egress lighting is controlled by a combination of listed emergency relay and occupancy sensors or by signal from another building control system to reduce lighting power by 50% when occupied over 15 minutes.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Luminaires function as normal and egress lighting. Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.7 [EL37]	Low-voltage dry-type distribution electric transformers meet the minimum efficiency requirements of Table C405.7.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.8 [EL47]	Electric motors meet the minimum efficiency requirements of Tables C405.7(1) through C405.7(4). Efficiency verified through certification under an approved certification program or the equipment efficiency ratings shall be provided by motor manufacturer (where certification programs do not exist).	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-2.1.2, E-2.4
C405.8.1 [EL197]	New traction elevators with a rated > 75 lb have a power conversion system complying with Section C405.8.1.1 through C405.8.1.3.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.11 [EL177]	Total voltage drop across the combination of feeders and branch circuits <= 5%.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.10.2 [EL37]	Escalators and moving walks comply with ASME A17.1/CSA B44 and have automatic controls configured to reduce speed to the minimum permitted speed in accordance with ASME A17.1/CSA B44 or applicable local code when not conveying passengers.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.13 [EL37]	Buildings with gross conditioned floor area > 10,000 sq ft will be equipped with a energy monitoring system in conformance with C405.13.1 through C405.13.1.1.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4

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Section # & Req ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.12, C405.12.1 [EL47]	50% of 1500 amp receptacles installed in enclosed offices, conference rooms, study rooms, break rooms, classrooms and workstations and > 25% of branch circuit receptacles in all other areas will have automatic receptacle control in accordance with C405.11.1.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.1.2 [EL87]	Occupancy sensors control function in warehouses: in warehouses, the lighting in aisles and open areas is controlled with occupancy sensors that automatically reduce lighting power by 50% or more within 20 minutes of when the area is unoccupied. The occupancy sensors control lighting in each aisleway independently and do not control lighting beyond the aisleway being controlled by the sensor. Lighting not turned off by occupancy sensor is done so by time switch.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.2.1.3 [EL127]	Occupant sensor control function in open plan office areas: Occupant sensor controls in open office spaces >= 300 sq ft have controls: 1) configured so that general lighting can be controlled separately if control zones with floor areas <= 600 sq ft, within the space, 2) general lighting in each zone permitted to turn on upon occupancy of control zone, 3) automatically turn off general lighting in all control zones within 20 minutes after all occupants have left the space, 4) one configured so that general lighting power in each control zone is reduced by >= 50% of the full zone general lighting power within 20 minutes of all occupants leaving that control zone.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.2.1.6, C405.2.10.1, C405.2.10.2 [EL107]	Sleeping or dwelling units provided with lighting controls.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.2, C405.2.2.1 [EL117]	Each area not served by occupancy sensors (per C405.2.1.1) have time-switch controls and functions detailed in sections C405.2.2.1.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.3.1 [EL127]	Spaces required to have dimming controls have a manual control that allows the occupant to reduce the connected lighting load to 10% of full power.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Exception: Requirement does not apply.
C405.2.4, C405.2.4.1, C405.2.4.2 [EL127]	Daylight zones provided with individual controls that control light independent of general area lighting. See code section C405.2.3.3 Daylight-responsive controls for applicable spaces, C405.2.3.1 Daylight responsive control function and section C405.2.3.2 Sidelight zone.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.5 [EL147]	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C405.2.7 [EL157]	Automatic lighting controls for exterior lighting installed. Controls will be daylight controlled, dusk-to-dawn and/or time-of-day, or reduce connected lighting > 30%.	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4

Additional Comments/Assumptions:

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THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSBC, 1ST PRINTING.

I, THE HEREBY UNDERSIGNED NY STATE REGISTERED DESIGN PROFESSIONAL, STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSECC.

DATE ISSUED

06-22-2026 ISSUED FOR 100%DD/50%CD REVIEW
07-20-2026 ISSUED FOR 90%CD REVIEW
08-17-2026 ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



SENDLEWSKI ARCHITECTS, P.C. ARCHITECTS - PLANNERS



216 FORDHAM AVENUE, NEW BRIDGE, NY 11901 (609) 727-5382

entec CONSULTING ENGINEERS, P.C. 3555 Veterans Memorial Highway, Suite 100, Ronkonkoma, NY 11779 P: 815.391.3900 | F: 815.391.3971 | www.entec-engineers.com

PROPOSED NEW FACILITY ELLENVILLE FIRE DISTRICT 203 S. MAIN ST. NYS ROUTE 209 ELLENVILLE, NY 12428

ENERGY CODE COMPLIANCE SHEET 4

PROJECT No. 2501 EMTec 7611

CHECKED BY: JE/ARS

DRAWING:

EN-0.4

"It is a violation of the State Education Law for any person, unless he or she is acting under the direction of a licensed professional engineer to alter on item in anyway, on this drawing and/or in this specification in anyway. If any such item is altered, the altering engineer shall affix to the item his or her seal and the notation "altered by" followed by his or her signature and the date of such alteration, and a specific description of the alteration." This plan is approved only for the work indicated on the application specification sheet, all other matters are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

EMTEC PROJECT NO. 7611 DRAWN BY: JE CHECKED BY: ARS

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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Final Inspection

Section # & ReqID	Final Inspection	Complies?	Comments/Assumptions
C403.1.1 [F112]	HVAC systems and equipment design loads calculated in accordance with ANSI/ASHRAE/ACCA Standard 183 or by an approved equivalent computational procedure	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-6 series
C403.3.1 [F113]	HVAC systems and equipment capacity does not exceed calculated loads	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1 [F114]	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1.1 [F115]	Heat pump controls prevent supplemental electric resistance, fuel gas or liquid fuel heating systems from coming on when not needed	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1.2 [F116]	Thermostatic controls have a 5 °F deadband	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.1.4 [F117]	Temperature controls have setpoint overlap restrictions	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.2 [F118]	Each zone equipped with setback controls using automatic time clock or programmable control system	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.2.1, C403.4.2.2 [F119]	Automatic Controls: Setback to 55°F (heat) and 65°F (cool), 7-day clock, 2-hour occupant override, 10-hour backup	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C403.4.2.3 [F120]	Systems include optimum start controls	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C404 [F121]	Heat traps installed on supply and discharge piping of non-circulating systems	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5 series
C404.4 [F122]	All service water heating piping meets the thickness requirements of Table C404.4.1	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series

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Compliance Certificate

Project Information

Energy Code: 2025 Energy Conservation Construction Code of New York State
Project Title: 7611 - Ellenville Fire House
Location: Ellenville, New York
Climate Zone: 6a
Project Type: New Construction
Project No: 141164
Project Sub Type: New Building/Complete
All Electric: false
Is Renewable: false
Has Battery: false
Has Charger: false
Has Heat Pump: true

Construction Site: Owner/Agent: Designer/Contractor:

Notes:

Energy Credits

Description	Credit
P01 Energy monitoring	3.0
W03 Efficient fossil fuel water heater	16.0
L03 Increase occupancy sensor	3.0
L06 Reduced lighting power	16.0
H02 More efficient HVAC equipment heating performance	72.0

Credits: 96.0 Required 110.0 Proposed

Renewable energy

Number of Floors: 1
Area of Three Largest Floors: 29111
Proposed Capacity: 22000
Required Capacity: 21633
Proposed Off-site Energy: 0
Required Off-site Energy: 0
Exception: None

On-Site Renewable Energy

System	Capacity	Units
Solar PV	22000	Watts

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Section # & ReqID	Final Inspection	Complies?	Comments/Assumptions
C406.6.1 [F121]	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank. System return pipe is a dedicated return pipe or a cold water supply pipe	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series
C405.15.1, C405.15.2 [F125]	Buildings comply with the on-site and/or off-site renewable energy requirements of Section C405.15	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to PV system - Proposed 22kW system
C405.5.1 [F126]	Exterior lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	See the Exterior Lighting fixture schedule for values
C406.2.4 [F141]	Energy credit measure P01 has been selected for energy credit - energy monitoring system installed that complies with C405.13.1 through C405.13.5	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: e-2.1,2,3
C406.2.5.3 [F143]	Lighting energy credit measure L03 has been selected for energy credit - increased occupancy sensor control in accordance with C406.2.5.3.1 through C406.2.5.3.3	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to Electrical Plans
C406.1.1 [F138]	Building operations and maintenance documents will be provided to the owner. Documents will cover manufacturers' information, specifications, programming procedures and means of illustrating to owner how building equipment and systems are intended to be installed, maintained, and operated	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
C406.2.1 [F139]	Commissioning plan developed by registered design professional or approved agency	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series
C406.2.3.1 [F160]	HVAC equipment, systems and system-to-system relationships have been tested to ensure proper operation	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series
C406.2.3.2 [F174]	HVAC and service water heating control systems have been tested to ensure proper operation, calibration and adjustment of controls	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0, M-6, and M-7 series
C406.2.3.3 [F175]	Economizers have been tested to ensure proper operation	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series
C406.2.4 [F161]	Preliminary commissioning report completed and certified by registered design professional or approved agency	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series

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Section # & ReqID	Final Inspection	Complies?	Comments/Assumptions
C406.2.5 [F173]	Furnished HVAC as-built drawings submitted within 90 days of system acceptance	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to P-5, P-6 and P-7 series
C406.2.5 [F176]	Furnished as-built drawings for electric power systems within 90 days of system acceptance	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
C406.2.5.1 [F162]	An air and/or hydronic system balancing report is provided for HVAC systems	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series
C406.2.5.2 [F176]	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: Refer to M-0 and M-7 series
C406.3 [F141]	Lighting systems and receptacle controls have been tested to ensure proper calibration, adjustment, programming and operation in accordance with C406.3.1 through C406.3.1.6	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	Location on plans/spec: E-1.1, E-1.2, E-1.3, E-1.4
C406.3.2.2 [F177]	Furnished O&M instructions for systems and equipment to the building owner or designated representative	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	
C406.3.2.2 [F163]	Furnished O&M manuals for HVAC systems within 90 days of system acceptance	☐ Complies ☐ Does Not Comply ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1	High Impact (Tier 1)	2	Medium Impact (Tier 2)	3	Low Impact (Tier 3)
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THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSBC, 1ST PRINTING.

I, THE HEREBY UNDERSIGNED NY STATE REGISTERED DESIGN PROFESSIONAL STATE THAT TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND/OR SPECIFICATIONS ARE IN COMPLIANCE WITH THE 2025 NYSECC.

"It is a violation of the State Education Law for any person, unless he or she is acting under the direction of a licensed professional engineer to alter on item in anyway, on this drawing and/or in this specification in anyway. If any such item is altered, the altering engineer shall affix to the item his or her seal and the notation "altered by" followed by his or her signature and the date of such alteration, and a specific description of the alteration."
This plan is approved only for the work indicated on the application specification sheet, all other matters are not to be relied upon, or to be considered as either being approved or in accordance with applicable codes.

DATE ISSUED

06-22-2026 ISSUED FOR 100%DD/50%CD REVIEW
07-20-2026 ISSUED FOR 90%CD REVIEW
08-17-2026 ISSUED FOR GENERAL CONSTRUCTION BID AS SINGLE PRIME CONTRACT INCLUDING ALL TRADES

SEAL



SENDLEWSKI ARCHITECTS, P.C.

ARCHITECTS - PLANNERS

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PROPOSED NEW FACILITY
ELLENVILLE FIRE DISTRICT
203 S. MAIN ST. NYS ROUTE 209
ELLENVILLE, NY 12428

ENERGY CODE COMPLIANCE SHEET 5

PROJECT No. 2501
EMTEC-7611

CHECKED BY: JE/ARS

DRAWING:

EN-0.5

EMTEC PROJECT NO. 7611 DRAWN BY: JE CHECKED BY: ARS