

Project: Santa Maria Office Building
Addendum Issue Date: March 2, 2026
Bid Date: March 5, 2026 at 5:00 pm
Architect of Record: ATA Architects

Drawing Attachments:

- P100
- P101
- P201
- E002
- E101
- E300

Questions and Answers:

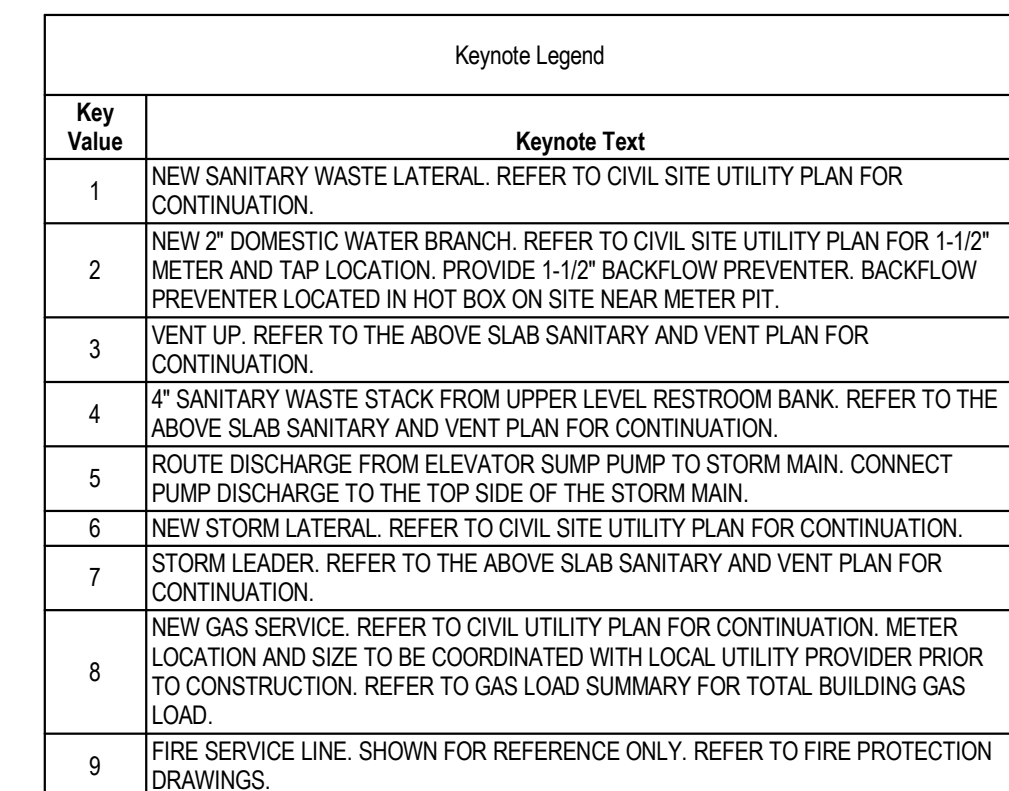
1. Will there be a site electrical drawing? The drawings do not include site lighting, secondary service, or power to the hot box.
 - a. Answer – **BP 26 Electric** shall include the secondary service, conduit and wire, from the transformer location to the CT cabinet. **BP 26 Electric** shall exclude site lighting and power to the hot box, for now. This will be addressed post bid.
2. At Mech/Electrical Room 117, the water service and electric equipment will need to be coordinated. The water services are currently coming in the building at the same location as Panels H1A and LCP.
 - a. Answer – See revised drawings in this addendum.
3. After visiting the site, we noticed the civil drawings appear to show work that has already been completed. (i.e. site clearing, detention pond). Is the phase 2 site work currently out for bid? If so, can we get updated drawings showing what has already been completed?
 - a. Answer – We are still waiting on updated civil drawings, therefore the site work bids will be extended. All other bids are still do on March 5th. A new site work bid date will be established once revised drawings are received.
4. The table of contents lists divisions for MEP specs, but we don't see any. Please advise.
 - a. Answer – All MEP specs are on the individual drawing sheets. The table of contents incorrectly called out the MEP sections.
5. Do you know which windows and/or doors are supposed to receive roller shades?
 - a. Answer – All glass to receive shades, with the exception of the curtainwall glazing/door at Stair No. 2, the Front Entrance and rear door #149B.
6. There is an exterior logo shown on the elevation sheet A202. I can't find any specs on this material, size, and if it's illuminated or not. Please advise.
 - a. Answer – This exterior signage is future, not in scope. **BP 26 Electric** shall provide circuit to junction box on wall elevation at entrance. Final location TBD.

7. Sheet A602 has a sign schedule, but only includes the restrooms, max occupancy, and exit signs. The specs indicate other signs that are not on the sign schedule. Do they need signs for the rest of the rooms in the building or only the code required signage per the schedule?
 - a. Answer – Provide signs per the schedule on the drawings.
8. We can't find the undercounter refrigerators on the drawings that are included in the specs. Do they go in each Lactation room (137, 247)?
 - a. Answer – Yes, provide one (1) undercounter refrigerator at both #137 and #145.
9. The Reception Desk has no details regarding the decorative P-lam panels and 1" spaces shown on the face. What are they? Also, there's no information on the wall construction or wire chase, etc.
 - a. Answer – The 1" spaces are reveals between the panels. Add Grommets (location TBD during shop dwg. submittal).
10. In Specification 102239 Paragraph 1.02/A states a minimum of 50 STC. In Paragraph 2.01/A/1 it calls for Acousti-Seal 930 series, this should be 900. Item 2.01/C/2 calls for ½" gypsum skin, which describes the Premier Model. On Drawing A101 First Floor Plan note 4 calls for Acousti-Seal Encore 56STC. Which is correct?
 - a. Answer – Provide operable partition per the drawings.
11. In Specification 102239 Paragraph 2.01/H it indicates marker boards on the operable partition. Do they want any marker boards? If so, how many and are these to be 4' tall or full height and on what panels. Paragraph 2.01/D calls for Vinyl Wallcovering Finish?
 - a. Answer – Provide marker board material on each side of (3) panels, vinyl on the remaining panels. Color TBD from Mfr. standard colors.
12. On drawing S201 they show the top of steel for the support beam to be 114'-8" making the bottom at 113'-2". Can the top of steel be lowered to a minimum of 113'-2" to a maximum of 114'-2" to avoid having to laterally brace the track?
 - a. Answer – No, include bracing as required.
13. Does the owner have a preferred controls contractor? It doesn't call anything out specifically, but it sounds like they are alluding to it.
 - a. Answer – The owner does NOT have a preferred controls contractor.
14. We were looking at this project and saw that Hunter XCI Ply was spec'd – we represent Atlas and little known fact is Atlas Polyiso often is the supplier of Hunter's plywood via Atlas's lumber plants. As such, we are able to provide the same panel type and meet performance at a lesser cost. Would you be opposed to allowing Atlas Ply to compete on Santa Maria?
 - a. Answer – Yes, the Atlas product is acceptable assuming it is an equal product.

15. Detail sheet A501 indicates both lap siding and V-groove siding profiles. However, the Exterior Finish Legend only identifies “fiber cement siding” without distinguishing which siding profile is to be installed at specific elevations or areas. The contract documents do not clearly indicate where each siding type is intended. Please clarify where lap siding and V-groove siding are to be installed.
 - a. Answer – Provide V-Groove for all fiber cement siding.
16. Please confirm if the YKK storefront system is an acceptable option for the storefront on this project, as it is not listed in the specifications.
 - a. Answer – Yes, YKK is acceptable.
17. I am emailing you to request approval of Duro-Last Duro-Tech 60 mil TPO for the membrane spec (075000, 2.01 and 2.02) and Exceptional Metals LokSeam panel for the metal roofing spec (076100, 2.01, 2.03). Data sheets are attached.
 - a. Answer – Both Duro-Last and Exceptional Metals are acceptable.
18. Please see the attachment for our formal request for product substitution consideration on the Santa Maria Community Services Office Building Project. We are submitting the HYDRALASTIC 836 SYSTEM for your consideration.
 - a. Answer –Hydralastic 836 is acceptable.
19. Section 102239 – Folding Panel Partition: Is Moderco as acceptable manufacturer for the folding partition between rooms 150 and 151?
 - a. Answer – Yes, Moderco is acceptable.
20. Section 102239, Paragraph 2.01.F calls for a steel track. We would like to quote heavy duty aluminum track as it is stronger, quieter and provides truer alignment at the butt joints. Is aluminum acceptable?
 - a. Answer – We are not opposed to aluminum. This would have to be approved by the operable partition manufacturer and aluminum would have to be separated from any steel.
21. The door schedule calls the doors out to be wood and clear finish but doesn't say on the drawings or specifications as to what species. What species should the doors be?
 - a. Answer – Birch
22. The drawings only call for light duty asphalt paving. Will there be any heavy-duty asphalt at the main drive?
 - a. Answer – Light duty asphalt will be used in parking spaces, all other asphalt will be heavy duty. Heavy duty profile shall be 6” of gravel, 4” of base course and 1.5” of surface course.

23. Detail 4/A501 shows rigid foam insulation under the light gauge trusses. This will be difficult to install and cut in around the truss clips. As an alternative, would spray foam be acceptable in lieu of the rigid foam?
- a. Answer – Bid as specified.
24. When will the Landscape drawings be released for bidding?
- a. Answer – Landscaping will be bidding at a later date.
25. What is the desired thickness & R-Value of the roof insulation? Also, can you confirm the roof structure will be structurally slope so the only tapered insulation required is shown on the roof plan?
- a. Answer – Meet R-23.6 (4" polyiso). Yes, roof structure is sloped for drainage.
26. The specs call out a fully adhered TPO roofing system. Would a mechanically attached system be acceptable?
- a. Answer – Acceptable
27. What is the desired coping type at the roof deck (detail 6/A501)? It's shown as cast stone coping in the detail but called out as metal coping (keynote #7) on the roof plan.
- a. Answer – Cast stone detail per 6/A501.
28. At the roof deck, are they wanting concrete pavers per the specs or rubber tiles per the drawings on the lower roof?
- a. Answer – Rubber tiles – see attached updated spec.
29. Are there any fire protection specs? We cannot find anything on the drawing or specs. We assume fire protection is design-build, but will there be any design criteria (i.e. what type of heads)?
- a. Answer – Sprinkler heads shall be concealed pendent heads at finished ceilings.
30. The ceiling plans are missing several callouts for bulkheads (keynote 5). Please clarify on the drawings where all bulkheads are located.
- a. Answer – Bulkheads have been located on Ceiling Plans, which are reissued / attached.
31. Can you provide the finish for the mullion mates? They come in paintable, clear anodized, or powder coated.
- a. Answer – Provide clear anodized or dark bronze anodized - TBD
32. The soap dispensers are not called out on the drawings or specs. Are they provided by owner?
- a. Answer – Yes

33. Please see the comments below from the Cold Formed Metal Framing Engineer:
- a. Slip Clips will not work; rigid clips with each one welded would be necessary due to the height and size of the windows. OK
 - b. The knee wall under the 1st floor windows would require Simpson wall anchors because of the extent of the span of those windows. OK
 - c. The kickers as drawn will not work. They show every 36" which does not line up with studs.
 - d. Box headers will not work at the large windows due to the size. Ancillary steel will need to be added.
 - i. Answer – There are a couple ways they can make the kickers work. A 36" spacing can be used and then a piece is run across the studs to frame the kickers into, or they can change the spacing to 32" and run an angle across the bottom chord of the joists to frame the kicker into. Either is acceptable. The stud wall is expected to be supported by the level above the window to support the wall weight. At the 2nd floor level, the CFMF would be attached to the edge of the floor slab and at the roof level, the CFMF would be attached to an angle ran across the bottom chord extension. The kickers are to support the lateral resistance at the top of the window
34. What size is the water main that the new service is tying in to?
- a. Answer – The existing water main is 10".
35. Which interior walls receive sound batt insulation? Wall types 3A, 3B, 6A and 6B on A601 state to provide sound batt in walls per the schedule. Keynote 1 on the room finish schedule calls to provide sound batts, but keynote 1 does not show up anywhere in the room finish schedule.
- a. Answer – The Room Finish Schedule sheet A601, is being reissued to indicate which rooms get sound attenuation in the walls AND on top of the ceiling finish. The Room Finish Schedule has also been updated to indicate the Janitor's Closets to get FRP on the walls of the mop sinks. (Key Note #2).
36. Please confirm the specifications for the inverter shown on the drawings. We were unable to locate complete information needed for pricing. We'll need the Manufacturer / model; kVA / kW rating; Input / output voltage; Battery runtime requirements
- a. Answer – Inverter to be Acuity Brands Iota IIIS-3000-277IN-277OUT-FT- " " - 6-1P277-20AMP-ON, or approved equivalent. 3kW rating, 277 in and out, 90 minute runtime.
37. The specifications call for spec-grade devices. Can you confirm if commercial-grade devices are acceptable for this project?
- a. Answer – Commercial grade is acceptable.
38. Several rooms on the Room Finish Schedule have multiple carpets listed, but we cannot find a pattern or what percentages of each carpet to include. Please advise.
- a. Answer – Bidders shall include a 33%:33%:33% split. A pattern will be provided at a later date.



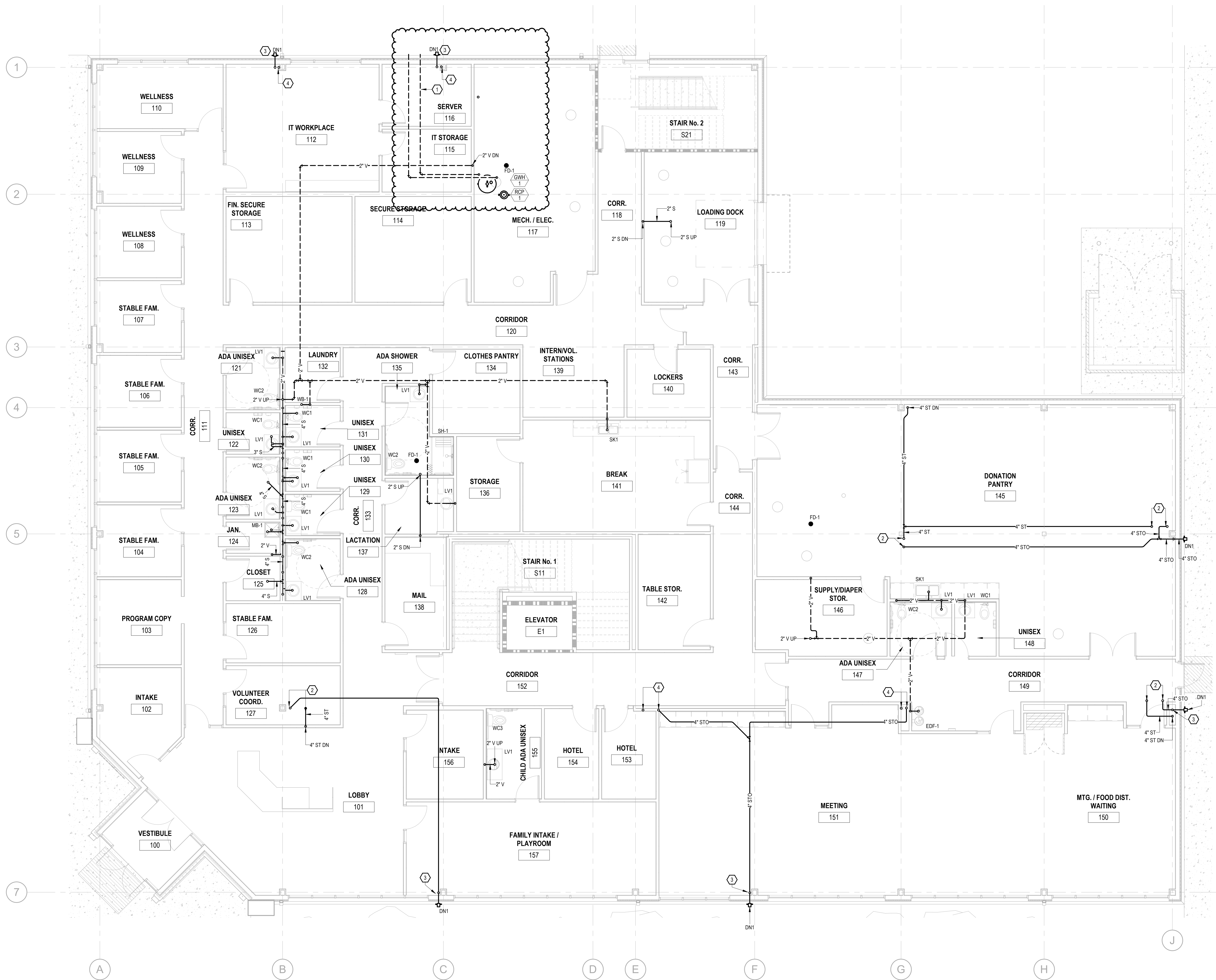
1048 CONSIDINE AVE.
CINCINNATI, OHIO 45205



#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS S
2	01/30/2026	PERMIT ISSUE
3	02/20/26	ADDENDUM No. 1

P100





Keynote Legend	
Key Value	Keynote Text
1	WATER HEATER 3" PVC INTAKE AND FLUE. TERMINATE INTAKE AND FLUE PER MANUFACTURERS REQUIREMENTS.
2	PRIMARY AND SECONDARY STORM LEADER DOWN FROM LEVEL ABOVE.
3	SECONDARY STORM OVERFLOW DRAIN DOWN TO EXTERIOR NOZZLE. OVERFLOW DISCHARGE NOZZLE IS TO BE MOUNTED AT 18" AFF. TO THE CENTER OF THE NOZZLE.
4	PRIMARY AND SECONDARY STORM LEADER DOWN FROM ABOVE. CONTINUE PRIMARY STORM DOWN TO BELOW SLAB. REFER TO THE BELOW SLAB PLANS FOR PRIMARY STORM CONTINUATION.



#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS SET
2	01/30/2026	PERMIT ISSUE
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SANTA MARIA COMMUNITY
SERVICES
1048 CONSIDINE AVE.
CINCINNATI, OHIO 45205

CERTIFICATION



REVISIONS

#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS SET
2	01/30/2026	PERMIT ISSUE
3	02/20/26	ADDENDUM No. 1

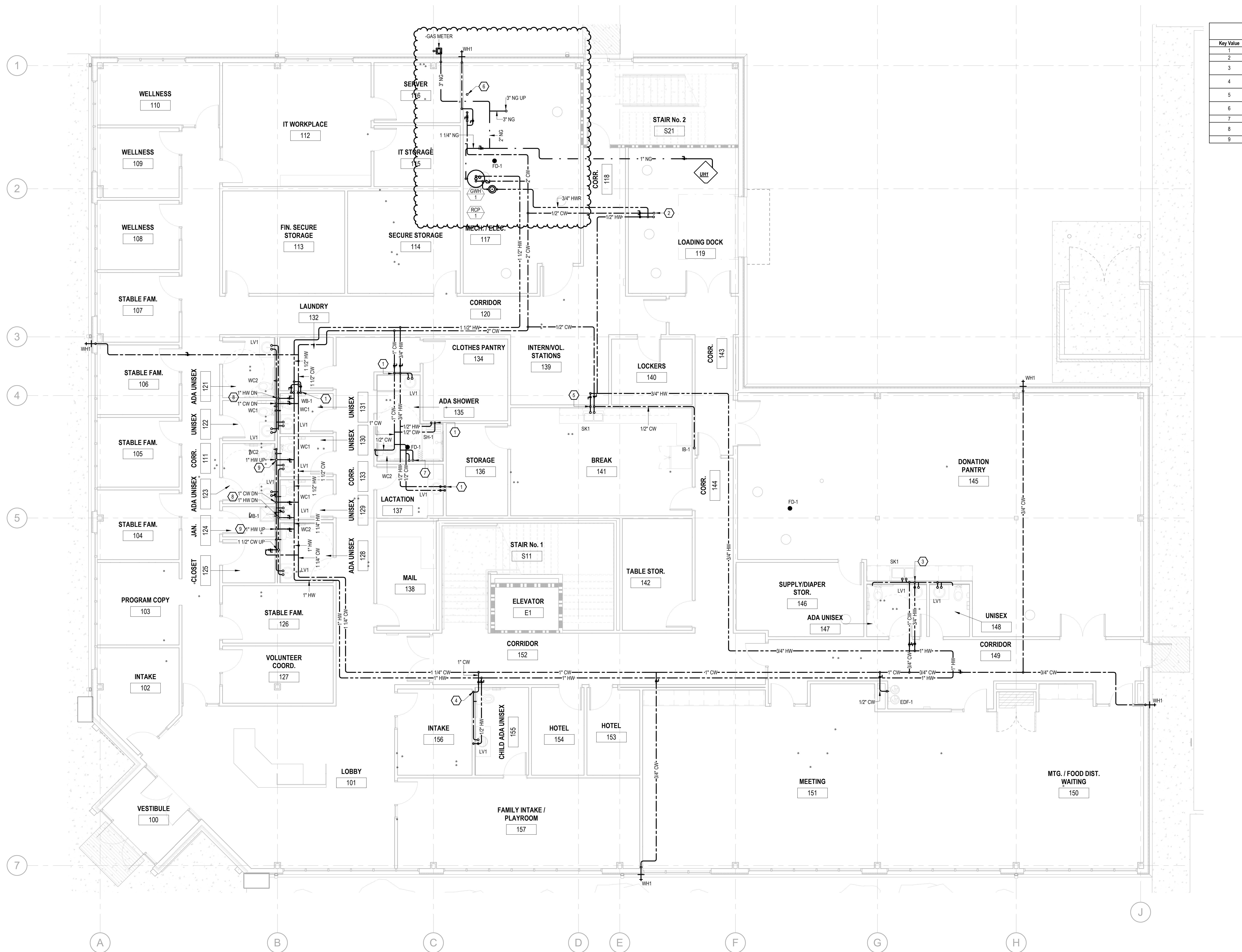
PROJECT #: 6568

DRAWN: JWG CHECKED: KAS

DOMESTIC
WATER - FIRST
FLOOR

P201

Keynote Legend	
Key Value	Keynote Text
1	1/2" COLD AND HOT WATER DOWN TO FIXTURE
2	1/2" COLD AND HOT WATER UP TO FIXTURE LOCATED ABOVE
3	3/4" HOT WATER DOWN. PROVIDE 1/2" HOT WATER TO LAVATORY AND SINK. PROVIDE 1/2" COLD WATER TO WATER CLOSET.
4	1" COLD WATER DOWN. PROVIDE 1/2" COLD WATER TO LAVATORY AND 1" COLD WATER TO FLUSH VALVE.
5	1/2" COLD AND HOT WATER DOWN. PROVIDE 1/2" COLD AND HOT WATER TO SINK. CONTINUE 1/2" COLD WATER SUPPLY TO ICE MAKER SUPPLY BOX.
6	FIRE SERVICE LINE. SHOWN FOR REFERENCE ONLY. REFER TO FIRE PROTECTION DRAWINGS.
7	3/4" COLD WATER AND 1/2" HOT WATER UP TO LEVEL ABOVE.
8	1" COLD AND HOT WATER DOWN. PROVIDE 1/2" COLD AND HOT WATER TO EACH LAVATORY. PROVIDE 1/2" COLD WATER TO EACH WATER CLOSET.
9	1" HOT WATER UP TO LEVEL ABOVE. REFER TO LEVEL ABOVE FOR CONTINUATION.



Branch Panel: L2A

Location: ELEC. 260

Supply From: T-L2A

Mounting: Surface

Enclosure: Type I

Volts: 120/208 Vlye

Phases: 3

Wires: 4

A.I.C. Rating: TCB

Maine Type: MB

Bus Amps: 125 A

MCB Rating: 125 A

CB Info	OKT	Circuit Description	Amps	Trips	Poles	A	B	C	Poles	Trips	Amps	Circuit Description	OKT	CB Info			
1		BREAK RCPT	9 A	20 A	1	1080 VA	180 VA		1	20 A	2 A	PRINTER	2				
3		BREAK COUNT RCPT	6 A	20 A	1		720 VA	180 VA		1	20 A	2 A	PRINTER	2			
5		CORR/EARLY CHILD RCPT	12 A	20 A	1			1440 VA	1260 VA	1	20 A	11 A	CORRESTOR RCPT	6			
7		MEETING RCPT	11 A	20 A	1	1260 VA	180 VA			1	20 A	2 A	BREAK DW	8			
9		MEETING RCPT	14 A	20 A	1		1620 VA	180 VA		1	20 A	2 A	BREAK REF	10			
11		EARLY CHILD RCPT	12 A	20 A	1				1440 VA	1144 VA	2	20 A	11 A	CU-1	12		
13		EARLY CHILD RCPT	5 A	20 A	1	540 VA	1144 VA							14			
15		EARLY CHILD RCPT	12 A	20 A	1			1440 VA	720 VA		1	20 A	6 A	DECK RCPT	16		
17		YOUTH EQUIV RCPT	12 A	20 A	1				1440 VA	2600 VA	2	40 A	25 A	HP-2	18		
19		YOUTH EQUIV RCPT	14 A	20 A	1	1620 VA	2600 VA							20			
21		YOUTH EQUIV RCPT	14 A	20 A	1		1620 VA	1080 VA		1	20 A	9 A	ROOF RCPT	22			
23		YOUTH EQUIV RCPT	14 A	20 A	1			1620 VA	1080 VA	1	20 A	9 A	FINANCE RCPT	24			
25		YOUTH EQUIV/INTG RCPT	15 A	20 A	1	1800 VA	720 VA				1	20 A	6 A	CPO RCPT	26		
27		STORAGE/HOTEL RCPT	12 A	20 A	1		1440 VA	720 VA		1	20 A	6 A	CPO RCPT	28			
29		HOTELLAC RCPT	11 A	20 A	1			1260 VA	720 VA	1	20 A	6 A	CDO RCPT	30			
31		RESTROOM/LAB RCPT	11 A	20 A	1	1260 VA	1620 VA				1	20 A	14 A	COMP LAB RCPT	32		
33		STOR/COPY/COOR RCPT	8 A	20 A	1		900 VA	1080 VA		1	20 A	9 A	GED COMP LAB RCPT	34			
35		PRINTER	2 A	20 A	1				180 VA	720 VA	1	20 A	6 A	CDO RCPT	36		
37		PRINTER	2 A	20 A	1	180 VA	1620 VA				1	20 A	14 A	DEV TEAM RCPT	38		
39		GED CLASS RCPT	12 A	20 A	1		1440 VA	1440 VA		1	20 A	12 A	HR/FINANCE RCPT	40			
41		GED CLASS RCPT	12 A	20 A	1				1440 VA	0 VA	1	20 A	--	SPARE	42		
43		SPARE	--	20 A	1	0 VA	0 VA				1	20 A	--	SPARE	44		
45		SPARE	--	20 A	1		0 VA	0 VA			1	20 A	--	SPARE	46		
47		SPARE	--	--	1	--	--	--	0 VA	--	1	--	--	SPARE	48		
49		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	50		
51		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	52		
53		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	54		
55		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	56		
57		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	58		
59		SPARE	--	--	1	--	--	--	--	--	1	--	--	SPARE	60		
						Total Load:	1590 VA	14580 VA	16334 VA								
						Total Amps:	135 A	122 A	138 A								

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING

S = SHUNT TRIP

L = LOCK OUT

A = ARC FAULT INTERRUPTER

ABBREVIATIONS:

MCB = MAIN CIRCUIT BREAKER

CB = CIRCUIT BREAKER

OKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	5200 VA	100.00%	5200 VA	Total Conn. Load: 46728 VA Total Est. Demand: 32680 VA Total Conn.: 130 A Total Est. Demand: 91 A
R	39240 VA	62.74%	24620 VA	
M	2288 VA	125.00%	2860 VA	
</				

Branch Panel: H1A

Location: MECH / ELEC. 117

Supply From: MSB

Mounting: Surface

Enclosure: Type 1

Volts: 480/277 Vye

Phases: 3

Wires: 4

A.I.C. Rating: TBD

Main's Type: M.O

Bus Amps: 125 A

CB Info	CKT	Circuit Description	Amps	Trip	Poles	A	B	C	Poles	Tripp	Amps	Circuit Description	CKT	CB Info	
	1	LVL 1 LTG	6 A	20 A	1	1500 VA	1529 VA			20 A	6 A	LVL 1 LTG	2		
	3	INV	6 A	20 A	1		1773 VA	627 VA			20 A	LVL 1 LTG	4		
	5	LVL 1 LTG	2 A	20 A	1			531 VA	4000 VA			LVL 1 LTG	6		
	7	VAV 1A-2	14 A	20 A	1	3889 VA	4000 VA			3	20 A	14 A	VAV 1A-4	8	
	9	VAV 1A-3	5 A	20 A	1		1500 VA	4000 VA						10	
	11	VAV 1A-5	18 A	30 A	1			3000 VA	3000 VA	1	30 A	11 A	VAV 1B-2	12	
	13	VAV 1B-1	7 A	20 A	1	2000 VA	5000 VA				30 A	18 A	VAV 1B-3	14	
	15	VAV 1B-5	14 A	20 A	1		4000 VA	5000 VA		1	30 A	18 A	VAV 1B-4	16	
	17	L STAIR NO. 1 S11	6 A	20 A	1			1642 VA	500 VA	1	20 A	2 A	SITE LTG	18	
	21	VAV 1A-1	12 A	20 A	3	3333 VA	500 VA			1	1	2 A	SITE LTG	20	
	23					3333 VA	--			1	--	SPACE	22		
	25	EXTERIOR LTG	4 A	20 A	1	1176 VA	--			1	--	SPACE	24		
	27	FUTURE SIGNAGE	2 A	20 A	1		500 VA	--		1	--	SPACE	26		
	29	ELEV PIT LTG	0 A	20 A	1			42 VA	--	1	--	SPACE	28		
	31	SPARE	--	20 A	1	0 VA	--			1	--	SPACE	30		
	33	SPARE	--	20 A	1		0 VA	--		1	--	SPACE	32		
	35	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	34		
	37	SPARE	--	20 A	1	0 VA	--			1	--	SPACE	36		
	39	SPARE	--	20 A	1		0 VA	--		1	--	SPACE	38		
	41	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	40		
Total Load:						23028 VA	20733 VA	17974 VA							
Total Amps:						85 A	76 A	65 A							
CIRCUIT BREAKER INFORMATION LEGEND:									ABBREVIATIONS:						
G = GROUND FAULT SENSING									M.O = MAIN LUGS ONLY						
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L = ARC FAULT INTERRUPTER															
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals							
L		10251 VA		125.00%		12813 VA				Total Conn. Load:		61729 VA			
E		51489 VA		100.00%		51489 VA				Total Est. Demand:		64290 VA			
										Total Conn.:		74 A			
										Total Est. Demand:		77 A			

Branch Panel: H2A

Location: ELEC 260

Supply From: MSB

Mounting: Surface

Enclosure: Type 1

Volts: 480/277 Vyle

Phases: 3

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A.I.C. Rating: TBO

Maine Type: MLO

Bus Amps: 125 A

CB Info	CKT	Circuit Description	Amps	Trips	Poles	A	B	C	Poles	Trips	Amps	Circuit Description	CKT	CB Info	
	1	LVL 2 L1TG	5 A	20 A	1	1460 VA	2058 VA		1	20 A	7 A	LVL 2 L1TG	2		
	3	CKT L2 L1TG	1 A	20 A	1		352 VA	5000 VA		1	30 A	18 A	VAV 2B-1	4	
	5	LVL 2 L1TG	1 A	20 A	1			140 VA	5000 VA	1	30 A	18 A	VAV 2B-2	6	
	7	VAV 2A-1	18 A	30 A	1	5000 VA	3000 VA		1	20 A	11 A	VAV 2B-3	8		
	9	VAV 2A-2	11 A	20 A	1		3000 VA	3000 VA	1	20 A	11 A	VAV 2B-4	10		
	11	VAV 2A-3	18 A	30 A	1			5000 VA	2000 VA	1	20 A	7 A	VAV 2B-5	12	
	13	VAV 2A-4	11 A	20 A	1	3000 VA	2000 VA		1	20 A	7 A	VAV 2B-6	14		
	15	VAV 2A-5	18 A	30 A	1		5000 VA	1500 VA	1	20 A	5 A	VAV 2B-7	16		
	17	VAV 2A-6	11 A	20 A	1			4000 VA	5000 VA	1	30 A	18 A	VAV 2B-8	18	
	19	VAV 2A-7	11 A	20 A	1	3000 VA	0 VA				20 A	SPARE	20		
	21	SPARE	--	20 A	1		0 VA	0 VA	1	20 A	--	SPARE	22		
	23	SPARE	--	20 A	1			0 VA	--	1	--	SPACE	24		
	25	SPARE	--	--	1				--	1	--	SPACE	26		
	27	SPACE	--	--	1		--	--		1	--	SPACE	28		
	29	SPACE	--	--	1			--	--	1	--	SPACE	30		
	31	SPACE	--	--	1		--	--		1	--	SPACE	32		
	33	SPACE	--	--	1			--	--	1	--	SPACE	34		
	35	SPACE	--	--	1			--	--	1	--	SPACE	36		
	37	SPACE	--	--	1		--	--		1	--	SPACE	38		
	39	SPACE	--	--	1			--	--	1	--	SPACE	40		
	41	SPACE	--	--	1			--	--	1	--	SPACE	42		
			Total Load:			19519 VA	17852 VA	21140 VA							
			Total Amps:			71 A	65 A	77 A							

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ABBREVIATIONS:

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CKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
L	4050 VA	125.00%	5062 VA	
E	54500 VA	100.00%	54500 VA	Total Conn. Load: 58550 VA
				Total Est. Demand: 59562 VA
				Total Conn.: 70 A
				Total Est. Demand: 72 A

Notes:

Branch Panel: L1A

Location: MECH / ELEC 117

Supply From: T-1A

Mounting: Surface

Enclosure: Type 1

Volts: 120/208 Vlys

Phases: 3

Wires: 4

A.I.C. Rating: TBD

Main: Type: MCB

Bus Amps: 225 A

MCR Rating: 225 A

CB Info	CKT	Circuit Description	Amps	Trips	Poles	A	B	C	Poles	Trips	Amps	Circuit Description	CKT	CB Info	
	1	ELEV PIT RCPT	2.0	2.0	A	180	1620	VA	1	2.0	14 A	STABLE FAN RCPT	2		
	3	MTGFOOD DIST RCPT	15.0	2.0	A		1800	1620	VA	1	2.0	14 A	STABLE FAN RCPT	4	
	5	MTGFOOD DIST RCPT	11.0	2.0	A			1260	1080	VA	1	2.0	9 A	CORRULOSIST RCPT	6
	7	EWIC	8.0	2.0	A	1	1000	1620	VA	1	2.0	14 A	WELLNESS/STORAGE RCPT	8	
	9	CORR DONATION RCPT	9.0	2.0	A	1	1080	1440	VA	1	2.0	12 A	IT WORKPLACE RCPT	10	
	11	DONATION RCPT	5.0	2.0	A	1		540	1000	VA	1	2.0	6 A	IT RCPT	12
	13	DONATION FRIDGE	13.0	2.0	A	1	1500	1620	VA	1	2.0	14 A	RESTROOM RCPT	14	
	15	DONATION FRIDGE	13.0	2.0	A	1	1500	180	VA	1	2.0	2 A	WASHER	16	
	17	DONATION FREEZER	13.0	2.0	A	1		1500	2496	VA	2	3.0	24 A	DRYER	18
	19	CORR/BREAK RCPT	9.0	2.0	A	1	1080	2496	VA	1	2.0	24 A	DRYER	20	
	21	BREAK RCPT	8.0	2.0	A	1	900	1440	VA	1	2.0	12 A	CORNELEC RCPT	22	
	23	BREAK MW	2.0	2.0	A	1		180	1920	VA	1	2.0	16 A	LOADING DOCK DOOR	24
	25	BREAK MW	2.0	2.0	A	1	180	1600	VA						
	27	BREAK DW	2.0	2.0	A	1	180	1600	VA	3	2.0	13 A	EDH-2	28	
	29	HOTEL/INTAKE RCPT	15.0	2.0	A	1		1800	1600	VA	1	2.0	4 A	ELEVATOR CAB	30
	31	FAMILY INTAKE RCPT	14.0	2.0	A	1	1620	500	VA	1	2.0	4 A	GWH-1	32	
	33	MAIL/STABLE FAN/VOL RCPT	15.0	2.0	A	1	1800	500	VA	1	2.0	4 A	RCPT	34	
	35	INTAKE/COPY RCPT	11.0	2.0	A	1		1260	500	VA	1	2.0	4 A	RCPT	36
	37	LOBBY DESK	2.0	2.0	A	1	180	1920	VA	1	2.0	16 A	EXTERIOR HOT BOX	38	
	39	CORPER	13.0	2.0	A	1	1500	1920	VA	1	2.0	16 A	EXTERIOR HOT BOX	40	
	41	COOPER	13.0	2.0	A	1		1500	540	VA	1	2.0	5 A	EXT RCPT	42
	43	EDH-1	7.0	2.0	A	2	750	180	VA	1	2.0	2 A	EXT RCPT	44	
	45	IT RCPT	8.0	2.0	A	1	750	180	VA	1	2.0	2 A	BREAK REF	46	
	47	INTAKE RCPT	5.0	2.0	A	1		1000	180	VA	1	2.0	2 A	FACP	48
	49	LACTATION RCPT	5.0	2.0	A	1	540	540	VA	1	2.0	5 A	EXT RCPT	50	
	51	SPARE	--	2.0	A	1	0	750	VA	1	2.0	6 A	INTERVINVOL RCPT	52	
	53	SPARE	--	2.0	A	1		0	0	VA	1	2.0	--	SPARE	54
	55	SPARE	--	2.0	A	1					1	2.0	--	SPARE	56
	57	SPACE	--	--	A	1	--	0	VA	--	1	--	--	SPARE	58
	59	SPACE	--	--	A	1	--	--	--	--	1	--	--	SPACE	60
Total Load:						19125 VA		19110 VA		16356 VA					
Total Amps:						160 A		160 A		153 A					

CIRCUIT BREAKER INFORMATION LEGEND:

G = GROUND FAULT SENSING

S = SHUNT TRIP

L = LOCK OUT

A = ARC FAULT INTERRUPTER

ABBREVIATIONS:

MCB = MAIN CIRCUIT BREAKER

CB = CIRCUIT BREAKER

OKT = CIRCUIT

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
R	3650 VA	63.70%	23250 VA	
A	360 VA	100.00%	360 VA	Total Conn. Load: 56592 VA
E	16652 VA	100.00%	16652 VA	Total Est. Demand: 43822 VA
M	3100 VA	115.48%	3580 VA	Total Conn.: 157 A
				Total Est. Demand: 122 A

Notes:

[illegible]

Switchboard: INV

Location: MECH./ELEC. 117

Supply From: H1A

Mounting: SURFACE

Enclosure: NEMA 1

Volts: 277 Single

Phases: 1

Wires: 2

A.I.C. Rating: TBD

Mains Type: MLO

Mains Rating: 20 A

Disc. Rating: 20 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	LVL 1 EM LTG	1	20 A	20 A	618 VA	
2	LVL 2 EM LTG	1	20 A	20 A	595 VA	
3	LVL 1 EM LTG	1	20 A	20 A	335 VA	
4	LVL 2 EM LTG	1	20 A	20 A	235 VA	
5	SPARE	1	20 A	20 A	0 VA	
6	SPARE	1	20 A	20 A	0 VA	
Total Conn. Load:					1773 VA	
Total Amps:					6 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
L	1773 VA	125.00%	2216 VA		
				Total Conn. Load: 1773 VA	
				Total Est. Demand: 2216 VA	
				Total Conn.: 6 A	
				Total Est. Demand: 8 A	

Notes:

INVERTER TO BE ACUTY BRANDS IOTA IIS-3000-277IN-277OUT-FT--"- 6-1P27-20AMP-ON, OR APPROVED EQUIVALENT.

ATA

ARCHITECTS

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SANTA MARIA

COMMUNITY SERVICES

modelgroup

JS|HELD

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CINCINNATI, OHIO 45205

CERTIFICATION

STATE OF OHIO

PAUL R. SPRONG

PE 74471

REGISTERED PROFESSIONAL ENGINEER

REVISIONS

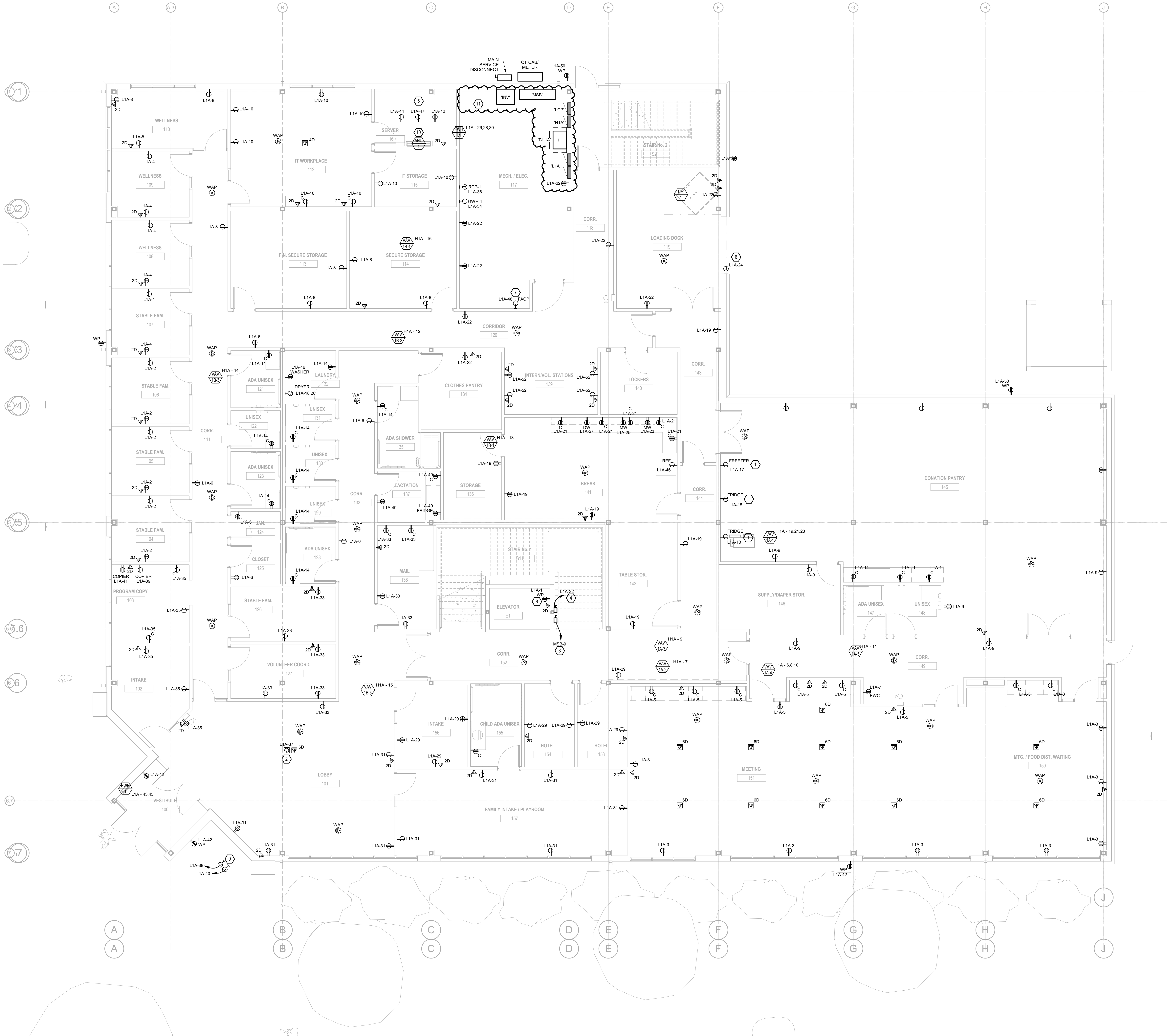
#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS SET
2	01/30/2026	PERMIT ISSUE
3	02/20/26	ADDENDUM No. 1

PROJECT #: 6568

DRAWN: Author CHECKED: Checker

ELECTRICAL
PANEL
SCHEDULES

E002



1 FIRST FLOOR - POWER NEW
E101 3/16" = 1'-0"

GENERAL NOTES - POWER

- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL CONDUIT/CABLE ROUTING. COORDINATE ROUTING WITH ALL OTHER TRADES AND BUILDING CONDITIONS.
- SEE SINGLE LINE DIAGRAM FOR FEEDER WIRE AND CONDUIT SIZE. ALL CIRCUITS NOT SIZED ON DRAWING SHALL BE INSTALLED TO MEET MINIMUM SIZE REQUIRED BY NEC.
- PROVIDE MOTOR STARTERS FOR EQUIPMENT AS INDICATED ON DRAWINGS. COORDINATE ANY INTERLOCKING WIRING WITH HVAC CONTRACTOR AND PROVIDE WIRING, COILS, AND AUXILIARY CONTACTS AS NECESSARY. SIZE ALL CIRCUITS FOR ACTUAL EQUIPMENT TO BE CONNECTED.
- ALL PANELS AND DISCONNECTS LOCATED OUTDOORS SHALL BE LABELED NEMA 3R.
- ROOF MOUNTED AND OUTDOOR EQUIPMENT SHALL HAVE 120V RECEPTACLE MOUNTED WITHIN 20' OF EACH PIECE. RECEPTACLES SHALL BE IN WEATHER PROOF BOX AND HAVE GFCI PROTECTION.
- FOR ITEMS FURNISHED BY OTHER TRADES, ELECTRICAL CONTRACTOR TO FULLY COORDINATE BREAKER AND WIRE SIZES WITH ACTUAL EQUIPMENT BEING CONNECTED PRIOR TO ROUGH-IN OR INSTALLATION. THE SIZES ON PANEL SCHEDULES REFER TO BASIS OF DESIGN SELECTIONS, AND ACTUAL ITEMS MAY VARY FROM BASIS OF DESIGN. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO CONFIRM REQUIRED WIRE AND BREAKER SIZES WITH THE CONTRACTOR FURNISHING THE EQUIPMENT.
- REFER TO ARCHITECT'S PLANS AND ELEVATIONS FOR ALL DEVICE MOUNTING HEIGHTS.
- CONTRACTOR TO PROVIDE GROUNDING AND BONDING AS REQUIRED FOR ELECTRICAL SYSTEMS. GROUNDING AND BONDING IS CONSIDERED MEANS AND METHODS OF CONSTRUCTION, AND SHOULD BE COMPLETED BY THE ELECTRICAL CONTRACTOR IN ACCORDANCE WITH NEC 250. GAS PIPING SYSTEMS MUST BE BONDED PER UTILITY PROVIDER'S INSTALLATION GUIDELINES WHERE REQUIRED.
- GFCI DEVICES MUST BE INSTALLED IN ACCESSIBLE LOCATIONS AND NOT PLACED BEHIND EQUIPMENT.

FIRE ALARM - DELEGATED DESIGN

- COMPLY WITH PERFORMANCE REQUIREMENTS AND DESIGN CRITERIA CONTAINED ON DRAWINGS. RESPONSIBILITY FOR PROVIDING A COMPLIANT, OPERATIONAL FIRE ALARM SYSTEM LIES WITH THIS CONTRACTOR. REFER TO ARCHITECT'S CODE SHEET FOR USE GROUP AND OCCUPANT INFORMATION WHEN PROVIDING THE FIRE ALARM DESIGN. VERIFY REQUIREMENTS SPECIFIC TO PROJECT LOCALITY AND INCLUDE IN SCOPE.
- INSTALLING CONTRACTOR SHALL FURNISH ALL REQUIRED DRAWINGS AND CALCULATIONS REQUIRED FOR FIRE ALARM PERMIT. DRAWINGS AND CALCULATIONS SHALL BE PREPARED BY AN INDIVIDUAL CARRYING ALL CERTIFICATIONS REQUIRED BY THE AGENCY RESPONSIBLE FOR REVIEW AND APPROVAL.
- REQUIRED COMPONENTS THAT ARE NOT SHOWN ON DRAWINGS, SUCH AS, RELAY MODULES, MONITOR MODULES, BOOSTER PANELS, ANNUNCIATORS, ETC. ARE THE RESPONSIBILITY OF THIS CONTRACTOR AND ARE INCLUDED IN THIS SCOPE OF WORK.

Keynote Legend	
Key Value	Keynote Text
1	COORDINATE EQUIPMENT LOCATIONS WITH FFAE DRAWINGS PRIOR TO ROUGH-IN.
2	PROVIDE ELECTRICAL CONNECTION TO ELECTRIFIED FURNITURE IN THIS AREA. COORDINATE EXACT LOCATION, ELECTRICAL CONNECTION REQUIREMENTS, AND INSTALLATION REQUIREMENTS WITH ARCHITECT AND OWNER PRIOR TO ROUGH-IN.
3	PROVIDE 480V/3P 40A DISCONNECT FOR ELEVATOR. COORDINATE EXACT ELEVATOR ELECTRICAL REQUIREMENTS WITH APPROVED SUBMITTAL/SHOP DRAWINGS PRIOR TO ROUGH-IN. COORDINATE DISCONNECT LOCATION AND CLEARANCES WITH ELEVATOR MANUFACTURER AND APPROVED SUBMITTAL/SHOP DRAWINGS PRIOR TO ROUGH-IN.
4	PROVIDE 120V/1P 20A DISCONNECT FOR ELEVATOR CAB LIGHTING/POWER. COORDINATE EXACT ELECTRICAL REQUIREMENTS AND DISCONNECT LOCATION WITH APPROVED ELEVATOR SUBMITTAL/SHOP DRAWINGS PRIOR TO ROUGH-IN.
5	PROVIDE (3) DEDICATED CIRCUITS FOR IT SERVER ROOM. FIELD LOCATE RECEPTACLES/POWER CONNECTION LOCATIONS.
6	PROVIDE DEDICATED, 120V/1P, 20A CIRCUIT FOR LOADING DOCK MOTORIZED DOOR. COORDINATE EXACT LOCATION, CONTROLS, AND INSTALLATION REQUIREMENTS WITH APPROVED SUBMITTAL/SHOP DRAWING PRIOR TO ROUGH-IN.
7	PROVIDE DEDICATED, 120V/1P, 20A CIRCUIT FOR FIRE ALARM CONTROL PANEL. COORDINATE EXACT LOCATION AND ELECTRICAL REQUIREMENTS WITH DELEGATED DESIGN DRAWINGS PRIOR TO ROUGH-IN.
8	COORDINATE EXACT LOCATION OF ELEVATOR PIT RECEPTACLE WITH APPROVED ELEVATOR SUBMITTAL/SHOP DRAWINGS AND IN FIELD.
9	PROVIDE (2) DEDICATED 120V, 20A CIRCUITS FOR SPRINKLER PUMP HOT BOX. COORDINATE EXACT ROUTING, LOCATION, AND ELECTRICAL REQUIREMENTS WITH ARCHITECT, OWNER, AND CIVIL DRAWINGS PRIOR TO ROUGH-IN.
10	INDOOR MECHANICAL UNIT POWERED BY OUTDOOR UNIT. REFER TO MECHANICAL SCHEDULES.
11	COORDINATE ELECTRICAL EQUIPMENT PLACEMENT IN THIS AREA WITH WATER SERVICE ENTRY EQUIPMENT. CONFIRM ALL CLEARANCES ARE MAINTAINED PRIOR TO ROUGH-IN.



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REVISIONS

#	DATE	DESCRIPTION
1	01/09/2026	80% PROGRESS SET
2	01/30/2026	PERMIT ISSUE
3	02/20/26	ADDENDUM No. 1

PROJECT #: 6568
DRAWN: Author CHECKED: Checker

FIRST FLOOR - POWER

E101

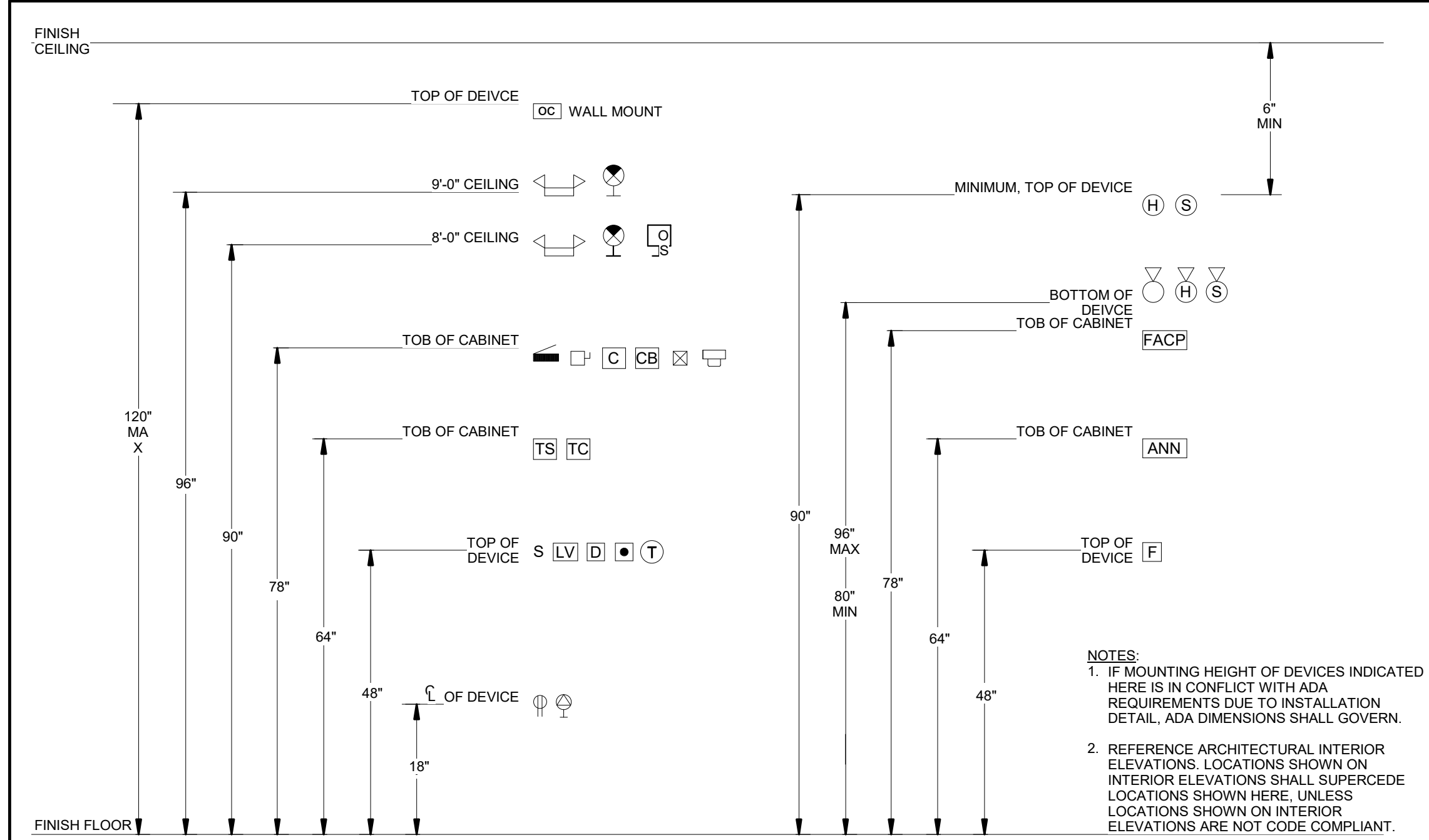


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ELECTRICAL SPECIFICATIONS

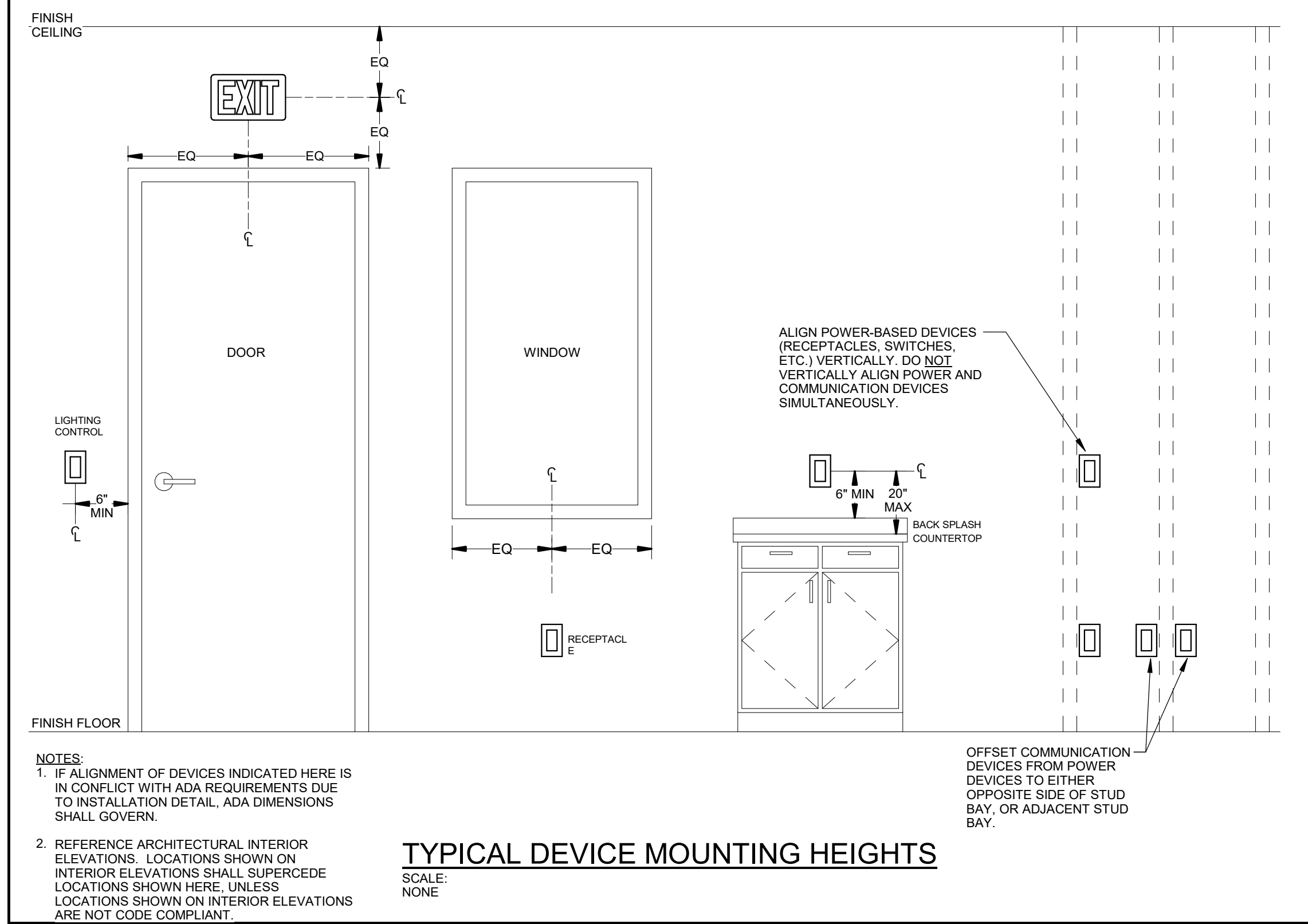
1. General Demolition
 - a. Refer to architectural drawings, general notes, instructions to bidders, general conditions, supplementary general conditions, base building specifications and drawings, shop drawing manuals and as-built plans to inspect as noted herein, which apply in all respects to this section. The contractor shall visit the site and familiarize himself with all existing conditions prior to bidding the work.
2. Use of Drawings And Specifications
 - a. EBS drawings and specifications are intended to convey design intent only. All means and methods sequences, techniques, and procedures of construction as well as any associated safety precautions and programs, and all incidental and temporary devices required to construct the project, and to provide a complete and fully operational electrical system are the responsibility of the electrical contractor.
3. Standards
 - a. Materials equipment and materials shall conform with appropriate provisions of NEC, ASTM, UL, ETL, NEMA, ANSI, as applicable to each individual unit or assembly.
4. Codes
 - a. All work shall be performed in strict accordance with all applicable state and local codes and ordinances. In case of conflict between the drawings/specifications and the codes and ordinances, the highest standard shall apply. The electrical contractor shall satisfy code requirements as a minimum standard without any extra cost to owner.
5. Permits and Fees
 - a. The electrical contractor shall procure and pay for all permits, fees and inspections necessary to complete the electrical work.
6. Warranty
 - a. The electrical contractor shall unconditionally warrant all work to be free of defects in material and workmanship for a period of one (1) year from the date of final acceptance, and will repair or replace any defective work promptly and without charge and restore any other existing work damaged in the course of repairing defective materials and workmanship.
7. Site Examination
 - a. The electrical contractor shall thoroughly examine all areas of work where equipment will be installed and shall report any condition that, in his opinion, prevents the proper installation of the electrical work prior to bid. He shall also examine the drawings and specifications of other branches of work making reference to them for details of new or existing building conditions. All work shall be done at times convenient to the owner and only during normal working hours, unless specified otherwise.
 - b. Electrical contractor shall take his own measurements and be responsible for them.
 - c. Access panels are not shown on drawings. During site examination, contractor shall identify all areas where access panels are required, and report to general contractor. Designation of who furnishes and who installs access panels must be coordinated with general contractor prior to starting work.
8. Contractor Coordination
 - a. Coordination drawings showing system and component installation layout, routing, details, etc. shall be produced by the electrical contractor and under the supervision of the general contractor/construction manager or appropriate party as applicable.
 - b. All systems installed by each sub-contractor shall be coordinated with one another and approved by general contractor/construction manager, etc. prior to installation and/or fabrication. Where the electrical contractor is making a connection to equipment/component that are furnished by others, electrical contractor to verify all connection requirements with actual equipment being connected, including but not limited to OCP size, means of disconnect, special connection requirements, or other items indicated on shop drawings, or manufacturer's installation instructions and/or installation diagrams, and furnish all labor and materials required for the installation and operation of the equipment. No allowances will be made for failure to coordinate, after electrical connections have been installed.
 - c. If questions concerning design intent arise during coordination, EBS can assist where appropriate.
 - d. The architectural drawings shall take precedence over all other drawings. Do not scale distances off the electrical drawings; use actual building dimensions.
 - e. Coordination drawings showing system and component installation layout, routing, details, etc. shall be produced by the electrical contractor & general contractor prior to submitting to the architect for their review & approval.
 - f. Coordination drawings shall be coordinated with one another and approved by general contractor/construction manager, etc. prior to installation and/or fabrication. If questions concerning design intent arise during coordination, EBS can assist where appropriate.
9. Utility Coordination
 - a. Electrical contractor to verify installation of metering and utility demarcation equipment with utility provider prior to start of work and furnish and install required items per utility company's installation requirements and/or manuals.
10. Submittals
 - a. Products installed by the electrical contractor and provided by others must be submitted for review prior to purchasing. Products shall not be selected based on permit drawings without express permission - products shall be selected based on construction drawings.
11. Record Drawings
 - a. The electrical contractor shall be responsible for creating record drawings where required. Drawings shall be produced in Autocad 2004 format or later.
12. Shop Drawings
 - a. Submit to the architect pdf file copies of complete & certified shop drawings, descriptive data, performance data & ratings, diagrams and specifications on all specified equipment, including accessories, and materials for review.
 - b. The make, model number, type, finish & accessories of all equipment and materials shall be reviewed & approved by the electrical contractor & general contractor prior to submitting to the architect for their review & approval.
 - c. Review of shop drawings does not relieve the electrical contractor/vendor from compliance with the requirements of the contract drawings, specifications & applicable codes.
13. Testing
 - a. All electrical systems shall be tested for proper operation. Balance all branch circuit loads between the phases of the system to within 10% of the highest phase load in each panelboard.
14. Temporary Power
 - a. The electrical contractor shall provide temporary electrical wiring for construction. The temporary service shall be a minimum of 60 amps, single phase, three wires, 120/208 volts fused at main disconnect. All receptacles on this temporary service shall be protected by a GFI breaker.
15. Mechanical Equipment
 - a. All final connections to mechanical equipment shall be done by the electrical contractor.
16. Demolition
 - a. The electrical contractor shall be responsible for deenergizing circuits in demolition areas to insure a safe condition. Electrical devices and associated wiring located within the demolition area that will no longer be used shall be removed and properly disposed of at contractor's expense unless otherwise noted.
17. Power Outages
 - a. The electrical contractor shall schedule all electrical system(s) outages with the general contractor and owner at least 24 hours in advance. Unless approved otherwise all outages shall occur between 11:00pm and 5:00am.
18. Grounding and Bonding
 - a. Contractor to provide grounding and bonding as required for electrical systems. Grounding and bonding is considered means and methods of construction, and should be completed by the electrical contractor in accordance with NEC 250.
 - b. Any gas piping systems must be bonded per utility provider's installation guidelines where required.
19. Materials
 - a. Provide all new material and equipment unless noted otherwise. All equipment shall be UL approved and labeled, or other approved testing organization which has acceptance by the local jurisdiction, for the purpose for which they are used, in addition to meeting all requirements of the current applicable codes and regulations. No substitution to materials specified will be allowed unless approved by the owner.
 - b. Electrical contractor shall not order or purchase any materials or equipment until permit drawings have been approved. No allowances will be made for any changes that occur if permit drawings have not been approved prior to ordering.
20. Cutting and Fitting
 - a. Perform cutting, coring, fitting, repairing and finishing of the work necessary for the installation of the equipment of this section. However, no cutting of the work of other trades or of any structural member shall be done without the consent of the owner. Properly fill, seal, fireproof, and waterproof all openings, sleeves, and holes in slabs, walls, and casework.
21. Wiring Methods
 - a. Provide code approved wiring methods for branch circuiting indoors, such as NM cable (only where permitted by NEC 334), EMT conduit, or MC cable for mechanical equipment, lighting, and power.
 - b. Conduit runs on exterior of building shall be rigid steel conduit with weather tight, corrosion-resistant fittings. Schedule 40 PVC is acceptable where permitted by code and/or underground runs or concrete encasement where not exposed to physical damage.
 - c. The minimum size of conduit shall be 3/4" unless otherwise noted. Conduit connectors shall be double locknut type, UL listed and labeled, with compression or set screw fittings.
 - d. Where raceways are installed for others to use, or for future use, provide nylon pull string.
 - e. Penetrations through fire rated construction shall be sealed using 3M fire barrier caulk, Nelson Electric Flammesal or T&B Flammesal or other approved method.
22. Conductors and Terminations
 - a. Branch conductors shall be copper, feeders as indicated on riser diagram. Conductors shall be insulated for 600v number 12 AWG minimum. Provide wires and cables as indicated listed and suitable for temperature, conditions, and location where installed.
23. Motors and Other Wiring
 - a. The electrical contractor shall provide all required conduit, wiring, and safety switches for all motors, and other electrical equipment, even though the motors and electrical equipment may be supplied by others. The electrical contractor shall include all work and connections required to make the system complete and operational. Provide magnetic starters for equipment as indicated on the drawings.
 - b. The electrical equipment may include but not be limited to such items as grille motors and interlocks, exterior and interior signage, starting devices, motor controllers, float switches, alarm devices or systems, push buttons, exhaust fans, data systems, intercoms and stereo systems. The electrical contractor shall verify equipment location and sizes with the trade supplying the equipment before installing the conduit or outlets.
24. Elevator(s)
 - a. Furnish and install all required electrical components and connections for elevator operation. Refer to elevator shop drawings for complete information. Provide start/stop operation for elevator circuit where required. Include connections for shaft, sump pump, pit light, receptacle, cab light, etc. Basis of design hp and circuit characteristics shown on drawings must be verified with elevator supplier prior to rough-in or installation.
25. Devices
 - a. Hubbell, Leviton, or approved equal with matching coverplates.
 - b. Provide commercial grade wiring devices, in types, characteristics, grades, colors, and electrical ratings as indicated, which are UL-listed and which comply with NEMA WD1 and other applicable UL and NEMA standards. Verify color selections with architect. Provide device plates to match devices.
 - c. Provide GFCI protection for all kitchen 15 and 20-amp receptacles. Where the receptacle is rendered inaccessible by equipment provide GFCI protection at the circuit breaker.
26. Service entrance and distribution equipment
 - a. Electrical contractor must submit drawings for permit and receive approval prior to ordering equipment. No allowances will be made for equipment changes that occur prior to receipt of approved plans.
27. Transformers
 - a. Dry type transformers - 15kva to 500 kVA - 600 volts or less, single and three-phase. Concrete pads for transformers, properly sleeved for transformer tap compartments.
 - b. All applicable material shall conform to NEMA standards. All applicable material shall bear UL labels.
 - c. Transformers shall be ventilated type, single and/or three-phase, 60 hertz, dry type, air cooled, two winding, insulated, high efficiency, low sound level, as listed on the drawings. Provide transformers of same manufacturer as switchboards and panelboards.
 - d. Coils shall utilize an underwriters' laboratory approved 220 °C (insulation system and the average temperature rise shall not exceed 115 °C above a 40 °C maximum ambient. All units shall have NEMA standard taps: 2-2 1/2% AN and 4-2 1/2% BN.
 - e. Cores shall be manufactured with a high grade, non-aging silicon steel stacked without gaps and firmly clamped. The core and coil assembly shall be mounted on vibration pads and bolted to the enclosure. The enclosure for separately mounted transformers shall be provided with lifting eyes or brackets nema 3R outdoor, to prevent access to live parts. Top of case temperatures shall not exceed UL acceptable levels.
 - f. Transformers shall be installed on minimum 3-1/2" concrete pads, plumb and level in accordance with the manufacturer's instructions and applicable codes.
 - g. Terminate primary and secondary conductor with compression connectors. Grounding to be per NEC.
 - h. Verify incoming voltage to transformer and set taps at the voltage level.
 - i. Provide lockable breakers for feeders supplying transformers that are not located within site of the over-current protection. Transformers shall be field marked with the location of the over-current protection device.

28. Disconnects and Fused Switches
 - a. Heavy duty type, horsepower rated with interlocking cover. NEMA 1 typical. Outdoor and wet location switches shall be raintight type NEMA 3R. All switches shall be lockable. Fuses in circuits rated at 600 amperes or less shall be UL class RK1 dual-element, time-delay, current limiting fuses. Fuses in circuits rated at 601 amperes or larger shall be UL class 1 time-delay, current limiting fuses.
29. Nameplates
 - a. Provide permanent nameplate labeling on all disconnects. Include load served, voltage, phase, horsepower, fuse size, and type.
30. Mounting
 - a. Mount independent of the mechanical unit housing unless specifically accepted by the local code authority. Provide Unistrut support channels mounted in coordination with roof penetration and gaffing work. Coordinate with general contractor.
31. Grounding and bonding for electrical systems and equipment
 - a. Provide grounding and bonding for electrical service in accordance with NEC article 250.
 - b. All major parts not carrying current, including but not limited to, secondary feeder circuit, equipment and panelboard enclosures, pull and junction boxes, shall be properly grounded. Metallic raceways shall utilize double locknuts and other fittings as required to provide ground continuity.
32. Lighting Contactor
 - a. Provide lighting contactors as indicated on drawings. 30A, 12-pole lighting contactor in NEMA 1 enclosure.
33. Switchboards
 - a. Switchboards shall be of the same manufacturer as the panelboards. The assembly shall be rated to withstand mechanical forces exerted during short circuit conditions when connected directly to a power source.
 - b. Provide NEMA 1 enclosure where located indoors in dry locations. Provide NEMA 3R enclosures where located outdoors. All exterior and interior steel surfaces of the switchboard shall be properly cleaned and provided with a rust-inhibiting phosphatized coating. Color shall be ANSI B1 light gray. Provide 1.5" housekeeping pad for all switchboards.
34. Panelboards
 - a. Provide branch circuit panelboard(s) as shown on the drawings and as specified herein. Panelboards shall have bolted, thermal and magnetic breakers with main lugs only or main breakers as required. Panelboards shall be Eaton, Square D, GE by ABB, or equal, and be enclosed in NEMA 1 type housing unless noted otherwise. Enclosure(s) shall be complete with a hinged door, cylinder lock, and a neatly typed directory under plastic cover in each panel door. All multiple pole breakers shall have a common trip handle. All panels and breakers shall be rated to withstand available fault current.
35. Lighting
 - a. Provide a new lighting system complete and fully operational and in conformance with code and UL listing requirements. Clean all fixtures at time of job completion utilizing manufacturers approved or recommended cleaning solutions. All fixtures and lamps are provided by this contractor as scheduled unless noted otherwise. Contractor shall furnish all boxes, mounting kits, transformers, controllers, and other components necessary for a complete and fully functional installation. Where dimmers and/or dimming systems are required, contractor to furnish dimmers that are compatible with future source and rated for the wattage of the dimming zone. Provide additional dimmers as required to meet zone load requirements.
36. Telephone System
 - a. Telephone wiring and system provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Electrical contractor shall provide plaster ring and pull string from each device location to above accessible ceiling.
37. Data/Pose/A/V System Notes
 - a. Data, PCS and/or A-V wiring and systems provided by owner. Verify system requirements and rough-in locations with owner prior to start of construction. Electrical contractor shall provide plaster ring and pull string from each device location to above accessible ceiling.
38. Fire Alarm System
 - a. Fire alarm system to be design-build by contractor. Contractor shall provide all required drawings and submit to authorities. Refer to architect's code sheet for relevant design criteria. Submit drawings to Owner/Architect for review prior to submitting to authorities. Provide required items including but not limited to relay modules, monitor modules, return-air detectors, elevator recall, etc. Provide remote annunciator panel(s) at location(s) approved by Architect and authorities.



TYPICAL DEVICE MOUNTING HEIGHTS

SCALE: NONE



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SCALE: NONE

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modelgroup

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CERTIFICATION

STATE OF OHIO
PAUL R. SPRONG
PE 74471
REGISTERED PROFESSIONAL ENGINEER

REVISIONS

#	DATE	DESCRIPTION
2	01/30/2026	PERMIT ISSUE
3	02/20/26	ADDENDUM No. 1

PROJECT #: 6568

DRAWN: Author CHECKED: Checker

ELECTRICAL
SPECIFICATIONS

E300

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