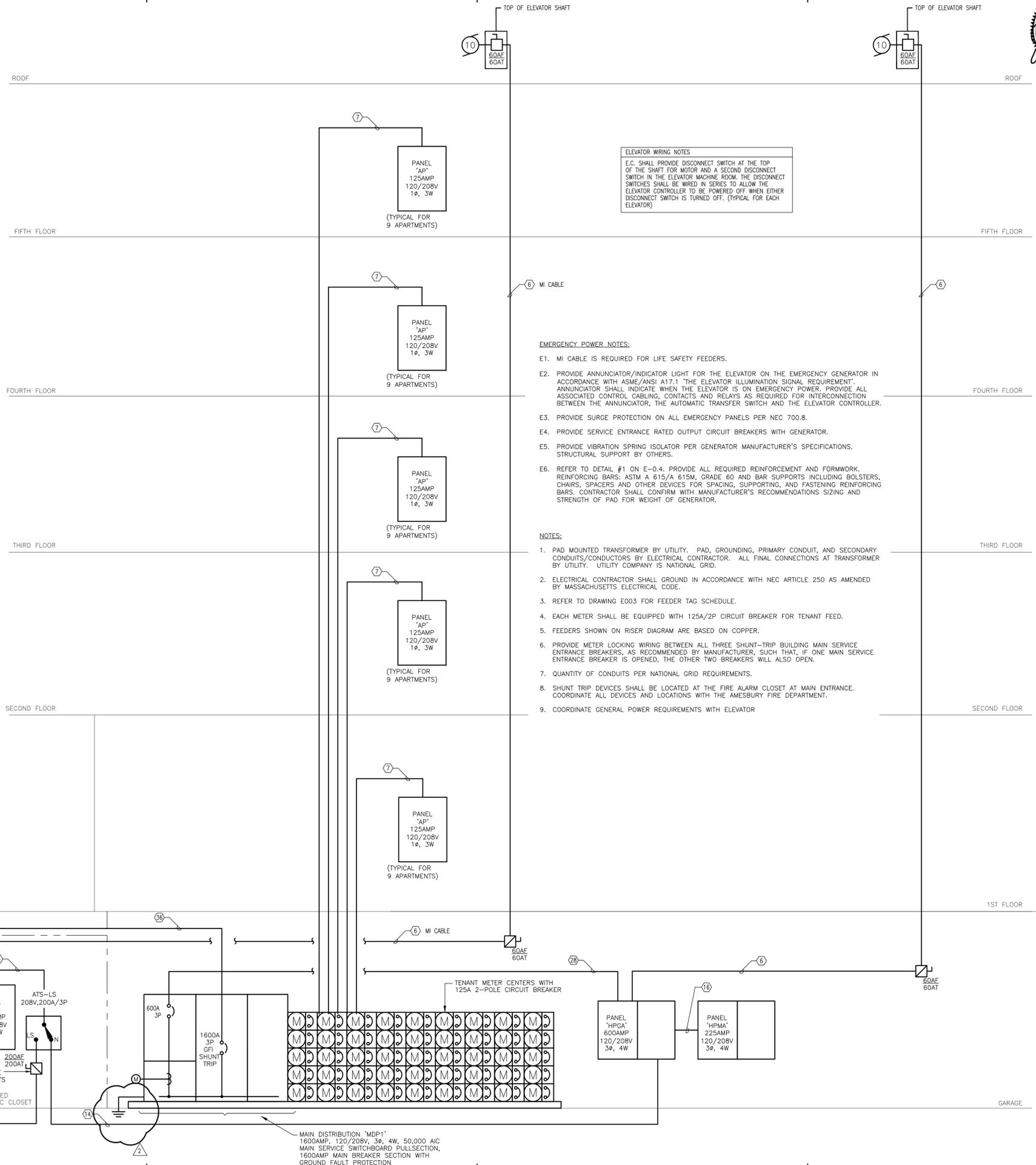


LEGEND OF FEEDER SIZES-COPPER CONDUCTORS

FEEDER SYMBOL	CONDUCTORS (3ø, 3W) WITH GROUND	RACEWAY SIZE	CONDUCTORS (3ø, 4W) WITH GROUND	RACEWAY SIZE	NOMINAL AMPERE RATING
1	3#6 & 1#10 GND	3/4" C			60
2					
3	3#4 & 1#8 GND	1" C	4#6 & 1#10 GND	1" C	70
4					
5	3#1 & 1#8 GND	1 1/4" C	4#4 & 1#8 GND	1 1/4" C	100
6					
7	3#1 & 1#6 GND	1 1/4" C	4#1 & 1#6 GND	1 1/4" C	125
8					
9	3#1/0 & 1#6 GND	1 1/2" C	4#1 & 1#6 GND	1 1/2" C	150
10					
11	3#2/0 & 1#6 GND	2" C	4#2/0 & 1#6 GND	2" C	175
12					
13	3#3/0 & 1#6 GND	2" C	4#3/0 & 1#6 GND	2" C	200
14					
15	3#4/0 & 1#4 GND	2" C	4#4/0 & 1#4 GND	2 1/2" C	225
16					
17	3-250KCMIL & 1#4 GND	2 1/2" C	4-250KCMIL & 1#4 GND	3" C	250
18					
19	3-350KCMIL & 1#4 GND	3" C	4-350KCMIL & 1#4 GND	3" C	300
20					
21	3-500KCMIL & 1#3 GND	3" C	4-500KCMIL & 1#3 GND	3" C	350
22					
23	3-500KCMIL & 1#3 GND	3" C	4-500KCMIL & 1#3 GND	4" C	400
24					
25	6-250KCMIL & 2#2 GND	(2) 2 1/2" C	8-250KCMIL & 2#2 GND	(2) 3" C	500
26					
27	6-350KCMIL & 2#1 GND	(2) 3" C	8-350KCMIL & 2#1 GND	(2) 3" C	600
28					
29	6-500KCMIL & 2#1/0 GND	(2) 3 1/2" C	8-500KCMIL & 2#1/0 GND	(2) 4" C	800
30					
31	9-400KCMIL & 3#2/0 GND	(3) 3" C	12-400KCMIL & 3#2/0 GND	(3) 3" C	1000
32					
33	9-600KCMIL & 3#3/0 GND	(3) 3 1/2" C	12-600KCMIL & 3#3/0 GND	(3) 4" C	1200
34					
35	12-600KCMIL & 4#4/0 GND	(4) 3 1/2" C	16-600KCMIL & 4#4/0 GND	(4) 4" C	1600
36					
37	15-600KCMIL & 5-250KCMIL GND	(5) 3 1/2" C	20-600KCMIL & 5-250KCMIL GND	(5) 4" C	2000
38					
39	18-600KCMIL & 6-350KCMIL GND	(6) 3 1/2" C	24-600KCMIL & 6-350KCMIL GND	(6) 4" C	2500
40					
41	24-600KCMIL & 8-400KCMIL GND	(8) 3 1/2" C	32-600KCMIL & 8-400KCMIL GND	(8) 4" C	3000
42					
43	24-600KCMIL & 8-500KCMIL GND	(8) 3 1/2" C	32-600KCMIL & 8-500KCMIL GND	(8) 4" C	3200
44					
45	27-600KCMIL & 9-500KCMIL GND	(9) 3 1/2" C	36-600KCMIL & 9-500KCMIL GND	(9) 4" C	3500
46					
47	30-600KCMIL & 10-500KCMIL GND	(10) 3 1/2" C	40-600KCMIL & 10-500KCMIL GND	(10) 4" C	4000
48					



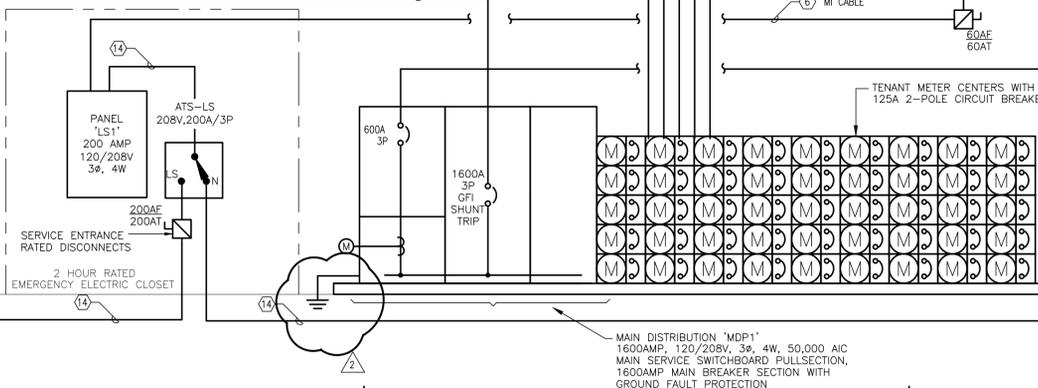
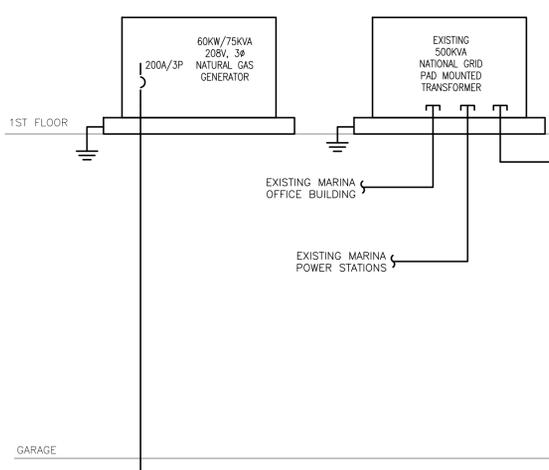
ELEVATOR WIRING NOTES
 E.C. SHALL PROVIDE DISCONNECT SWITCH AT THE TOP OF THE SHAFT FOR MOTOR AND A SECOND DISCONNECT SWITCH IN THE ELEVATOR MACHINE ROOM. THE DISCONNECT SWITCHES SHALL BE WIRED IN SERIES TO ALLOW THE ELEVATOR CONTROLLER TO BE POWERED OFF WHEN EITHER DISCONNECT SWITCH IS TURNED OFF. (TYPICAL FOR EACH ELEVATOR)

EMERGENCY POWER NOTES:

- E1. MI CABLE IS REQUIRED FOR LIFE SAFETY FEEDERS.
- E2. PROVIDE ANNUNCIATOR/INDICATOR LIGHT FOR THE ELEVATOR ON THE EMERGENCY GENERATOR IN ACCORDANCE WITH ASME/ANSI A17.1 "THE ELEVATOR ILLUMINATION SIGNAL REQUIREMENT". ANNUNCIATOR SHALL INDICATE WHEN THE ELEVATOR IS ON EMERGENCY POWER. PROVIDE ALL ASSOCIATED CONTROL CABLING, CONTACTS AND RELAYS AS REQUIRED FOR INTERCONNECTION BETWEEN THE ANNUNCIATOR, THE AUTOMATIC TRANSFER SWITCH AND THE ELEVATOR CONTROLLER.
- E3. PROVIDE SURGE PROTECTION ON ALL EMERGENCY PANELS PER NEC 700.8.
- E4. PROVIDE SERVICE ENTRANCE RATED OUTPUT CIRCUIT BREAKERS WITH GENERATOR.
- E5. PROVIDE VIBRATION SPRING ISOLATOR PER GENERATOR MANUFACTURER'S SPECIFICATIONS. STRUCTURAL SUPPORT BY OTHERS.
- E6. REFER TO DETAIL #1 ON E-0.4. PROVIDE ALL REQUIRED REINFORCEMENT AND FORMWORK. REINFORCING BARS: ASTM A 615/A 615M, GRADE 60 AND BAR SUPPORTS INCLUDING BOLSTERS, CHAIRS, SPACERS AND OTHER DEVICES FOR SPACING, SUPPORTING, AND FASTENING REINFORCING BARS. CONTRACTOR SHALL CONFIRM WITH MANUFACTURER'S RECOMMENDATIONS SIZING AND STRENGTH OF PAD FOR WEIGHT OF GENERATOR.

NOTES:

1. PAD MOUNTED TRANSFORMER BY UTILITY. PAD, GROUNDING, PRIMARY CONDUIT, AND SECONDARY CONDUITS/CONDUCTORS BY ELECTRICAL CONTRACTOR. ALL FINAL CONNECTIONS AT TRANSFORMER BY UTILITY. UTILITY COMPANY IS NATIONAL GRID.
2. ELECTRICAL CONTRACTOR SHALL GROUND IN ACCORDANCE WITH NEC ARTICLE 250 AS AMENDED BY MASSACHUSETTS ELECTRICAL CODE.
3. REFER TO DRAWING E003 FOR FEEDER TAG SCHEDULE.
4. EACH METER SHALL BE EQUIPPED WITH 125A/2P CIRCUIT BREAKER FOR TENANT FEED.
5. FEEDERS SHOWN ON RISER DIAGRAM ARE BASED ON COPPER.
6. PROVIDE METER LOCKING WIRING BETWEEN ALL THREE SHUNT-TRIP BUILDING MAIN SERVICE ENTRANCE BREAKERS, AS RECOMMENDED BY MANUFACTURER, SUCH THAT, IF ONE MAIN SERVICE ENTRANCE BREAKER IS OPENED, THE OTHER TWO BREAKERS WILL ALSO OPEN.
7. QUANTITY OF CONDUITS PER NATIONAL GRID REQUIREMENTS.
8. SHUNT TRIP DEVICES SHALL BE LOCATED AT THE FIRE ALARM CLOSET AT MAIN ENTRANCE. COORDINATE ALL DEVICES AND LOCATIONS WITH THE AMESBURY FIRE DEPARTMENT.
9. COORDINATE GENERAL POWER REQUIREMENTS WITH ELEVATOR



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 AMESBURY, MA

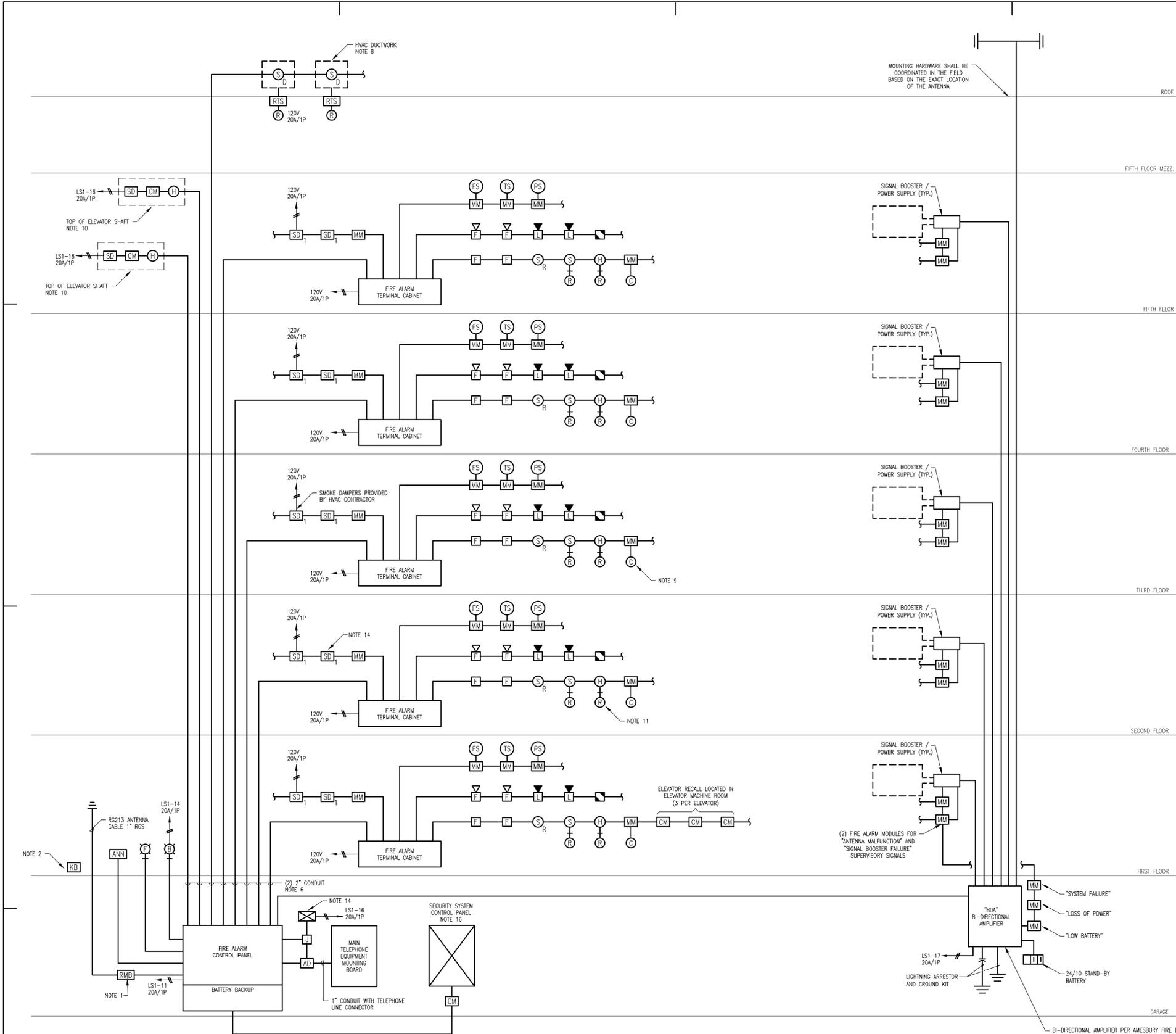
Prepared for: **HATTERS POINT CAPITAL LLC.**
 Location: **PO BOX 1044 SUDBURY, MA 01776**
 Title: **ELECTRICAL RISER DIAGRAM**

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Mark	Date
-	Revision #5 - 01.15.16
2	ICC Review Comments
-	Permit Set
-	CD Piling Set
-	Construction Docs Progress
-	Design Development Set

Revisions
 Date: 11.15.2015
 Scale: AS NOTED
 Job No.: 2394
 Sheet No.:

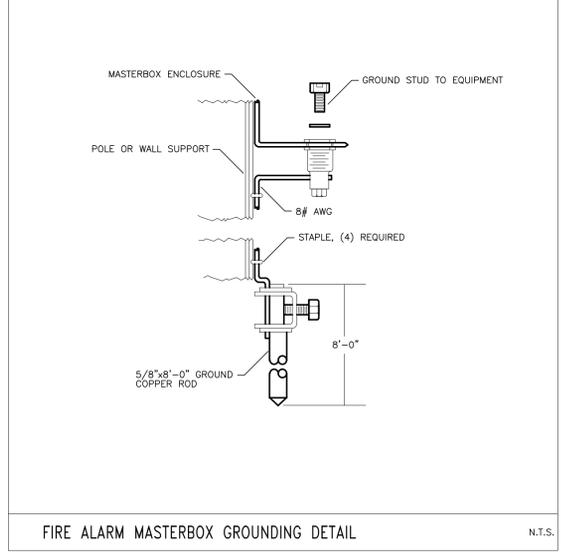
E0.02



FIRE ALARM SYSTEM OPERATION SCHEDULE

SYSTEM OUTPUTS	CONTROL UNIT ANNUNCIATION																NOTIFICATION	REQUIRE LIFE SAFETY CONTROL	
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q		
1. MANUAL FIRE ALARM BOXES	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
2. SMOKE DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
3. ELEVATOR LOBBY SMOKE DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
4. DUCT SMOKE DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
5. HEAT DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
6. WATERFLOW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
7. SPRINKLER CONTROL VALVE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
8. GENERATOR RUNNING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
9. FIRE ALARM AC POWER FAILURE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
10. FIRE ALARM SYSTEM LOW BATTERY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
11. OPEN CIRCUIT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
12. GROUND FAULT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
13. NOTIFICATION APPLIANCE CIRCUIT SHORT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
14. SUPERVISORY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
15. TROUBLE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

- NOTES:**
- ALL EVENTS SHALL BE RECORDED AT THE FIRE ALARM CONTROL PANEL AND SHALL INDICATE TIME AND DATE OF OCCURRENCE AND LIST DEVICE INITIATED.
 - TROUBLE AND SUPERVISORY SIGNALS SHALL BE MONITORED IN ACCORDANCE WITH 780 CMR 903.4.1.
- NOTES:**
- PROVIDE RADIO-CONTROLLED MASTERBOX. (IF RADIO - SIGNAL/COMMUNICATIONS 16 ZONE RADIO CONTROLLED MASTERBOX (RMT-A-16 SERIES) SHALL MEET THE REQUIREMENTS OF AMESBURY FIRE DEPARTMENT. ANTENNA LOCATION SHALL BE COORDINATED WITH ARCHITECT PRIOR TO INSTALLATION. ANTENNA CABLE SHALL BE LESS THAN 100' LONG.) REFER TO FLOOR PLAN AND/OR SITE PLAN FOR LOCATION. SEE MASTERBOX GROUNDING DETAIL, THIS DRAWING.
 - PROVIDE RECESSED KEY BOX. ELECTRICAL CONTRACTOR SHALL PURCHASE THROUGH LOCAL FIRE DEPARTMENT.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE CIRCUIT BREAKER HANDLE-LOCK ON POWER CIRCUITS. HANDLE LOCK SHALL ALLOW THE CIRCUIT BREAKER TO TRIP, BUT PREVENT SWITCHING OF THE CIRCUIT BREAKER TO THE "OFF" POSITION.
 - PROVIDE SMOKE DETECTOR IN VICINITY OF FIRE ALARM CONTROL PANEL, REMOTE ANNUNCIATOR, AND ALL FIRE ALARM TERMINAL BOXES. SMOKE DETECTORS IN ELEVATOR LOBBY SHALL BE PROGRAMMED AND/OR PROVIDED WITH ELEVATOR RECALL CAPABILITY.
 - MINIMUM SIZE CONDUIT SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - ALL SYSTEM WIRING SHALL BE INSTALLED IN CONDUIT OR (FIRE ALARM RATED FPLR FLEXIBLE METALLIC CABLE TYPE MC CABLE WHERE CONCEALED) AND IN ACCORDANCE WITH EQUIPMENT SUPPLIER'S APPROVED SHOP DRAWINGS AND WIRING DIAGRAMS.
 - RISER DIAGRAM DOES NOT SHOW ENTIRE SYSTEM. REFER TO FLOOR PLANS FOR EXACT QUANTITIES AND LOCATIONS OF ALL SYSTEM DEVICES.
 - TO AUXILIARY CONTACTS IN RESPECTIVE AIR-HANDLING UNIT STARTER FOR UNIT SHUTDOWN ON ALARM.
 - PROVIDE SURFACE 24 VOLT DC CARBON MONOXIDE ALARM DETECTOR.
 - PROVIDE 120VOLT POWER AND CONTROL MODULE FOR CONTROL OF SMOKE DAMPER AT TOP OF ELEVATOR SHAFT. DAMPER SHALL BE PROGRAMMED TO OPEN UPON ACTIVATION OF SMOKE DETECTOR AT ELEVATOR MACHINE ROOM, OR AS DIRECTED PROVIDE CONTROL WIRING FROM DAMPER MOTOR TO FAIB.
 - PROVIDE REMOTE ALARM INDICATOR OVER DOOR OF EACH LOCKED ROOM THAT CONTAINS A SMOKE OR HEAT DETECTOR WHETHER OR NOT SHOWN ON THE FLOOR PLANS; SUCH AS, ELEVATOR MACHINE ROOMS, ELECTRIC ROOMS, MECHANICAL ROOMS, IT ROOMS, ETC.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUCTORS FOR THE FOLLOWING FIRE ALARM CONTROL PANEL CONTACTS: PUMP RUNNING, PHASE REVERSAL, PHASE FAILURE, ALARM SIGNAL AND TROUBLE SIGNAL.
 - ELECTRICAL CONTRACTOR SHALL PROVIDE 120VOLT POWER AND CONTROL WIRING TO ALL SMOKE/FIRE DAMPERS. REFER TO ELECTRICAL DRAWINGS FOR POWER WIRING REQUIREMENTS. "1" NEXT TO SMOKE/FIRE DAMPER INDICATES SMOKE ZONE. PROVIDE A MONITOR MODULE, CONTROL MODULE AND RELAY MODULE FOR EACH GROUP OF SMOKE/FIRE DAMPERS. FACP SHALL BE PROVIDED WITH FIRE DEPARTMENT CONTROLS TO ACTIVATE SMOKE DAMPERS BY ZONE. REFER TO ELECTRICAL DRAWINGS FOR QUANTITY OF SMOKE DAMPERS, AND SMOKE ZONES.
 - PROVIDE A 20AMP, 120VOLT, 1 PHASE SURGE PROTECTOR EQUAL TO MCC SURGE PROTECTION MODEL NO. 415. SURGE PROTECTOR SHALL BE INSTALLED BETWEEN THE CIRCUIT BREAKER IN THE PANEL AND THE FIRE ALARM PANEL, AND IN ACCORDANCE WITH MANUFACTURER'S WIRING RECOMMENDATIONS.
 - SECURITY/DOOR ENTRY SYSTEM SHALL BE CONNECTED TO FIRE ALARM SYSTEM VIA A CONTROL MODULE/RELAY. ELECTRIC DOOR STRIKE SHALL UNLOCK/RELEASE UPON ACTIVATION OF FIRE ALARM SYSTEM ALARM.



FIRE ALARM MASTERBOX GROUNDING DETAIL N.T.S.

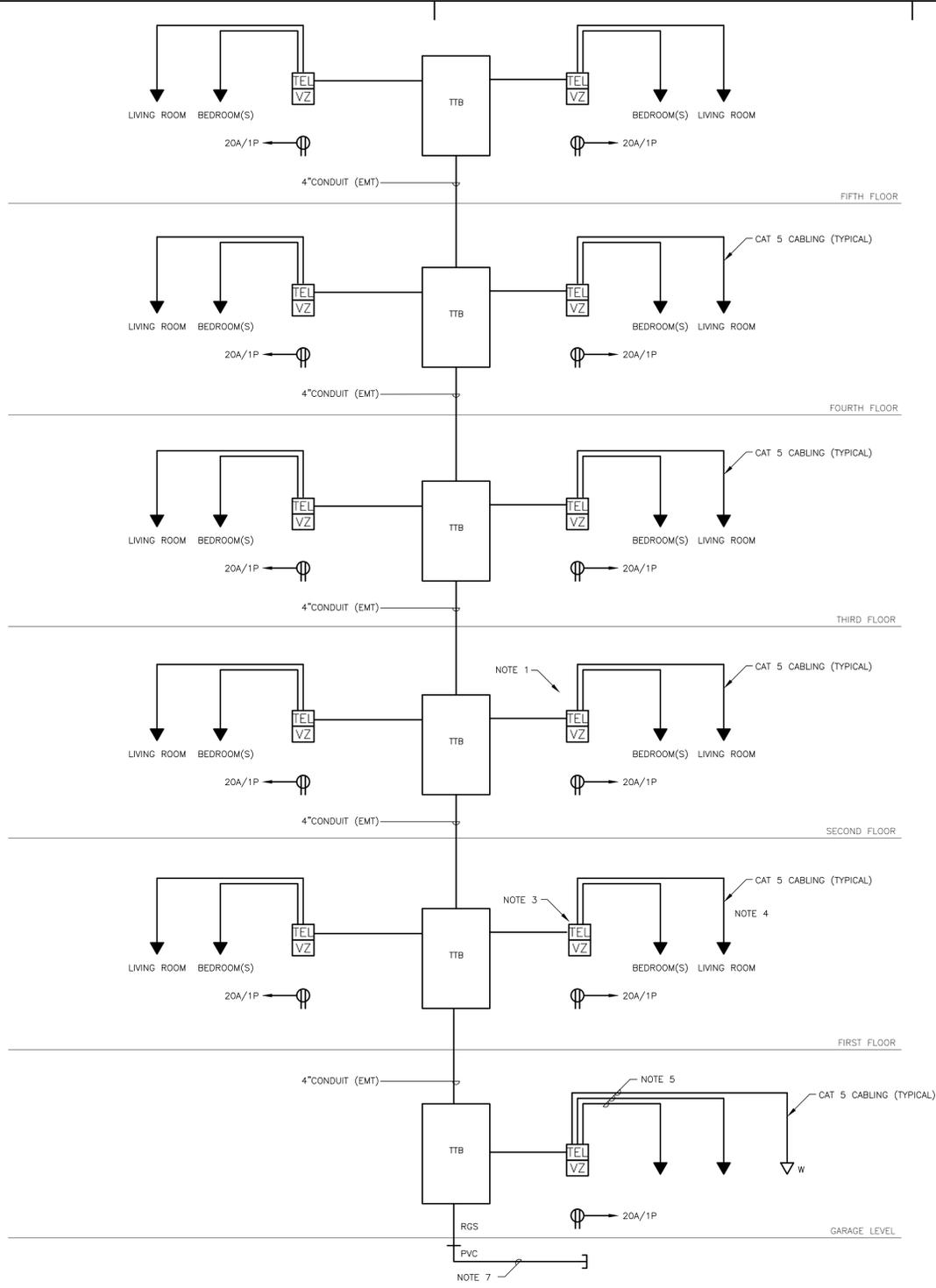
FIRE ALARM RISER DIAGRAM N.T.S.



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Mark	Date
1	Revision #5 - 01.15.16
2	IOC Review Comments
	Permit Set
	CD Piling Set
	Construction Docs Progress
	Design Development Set

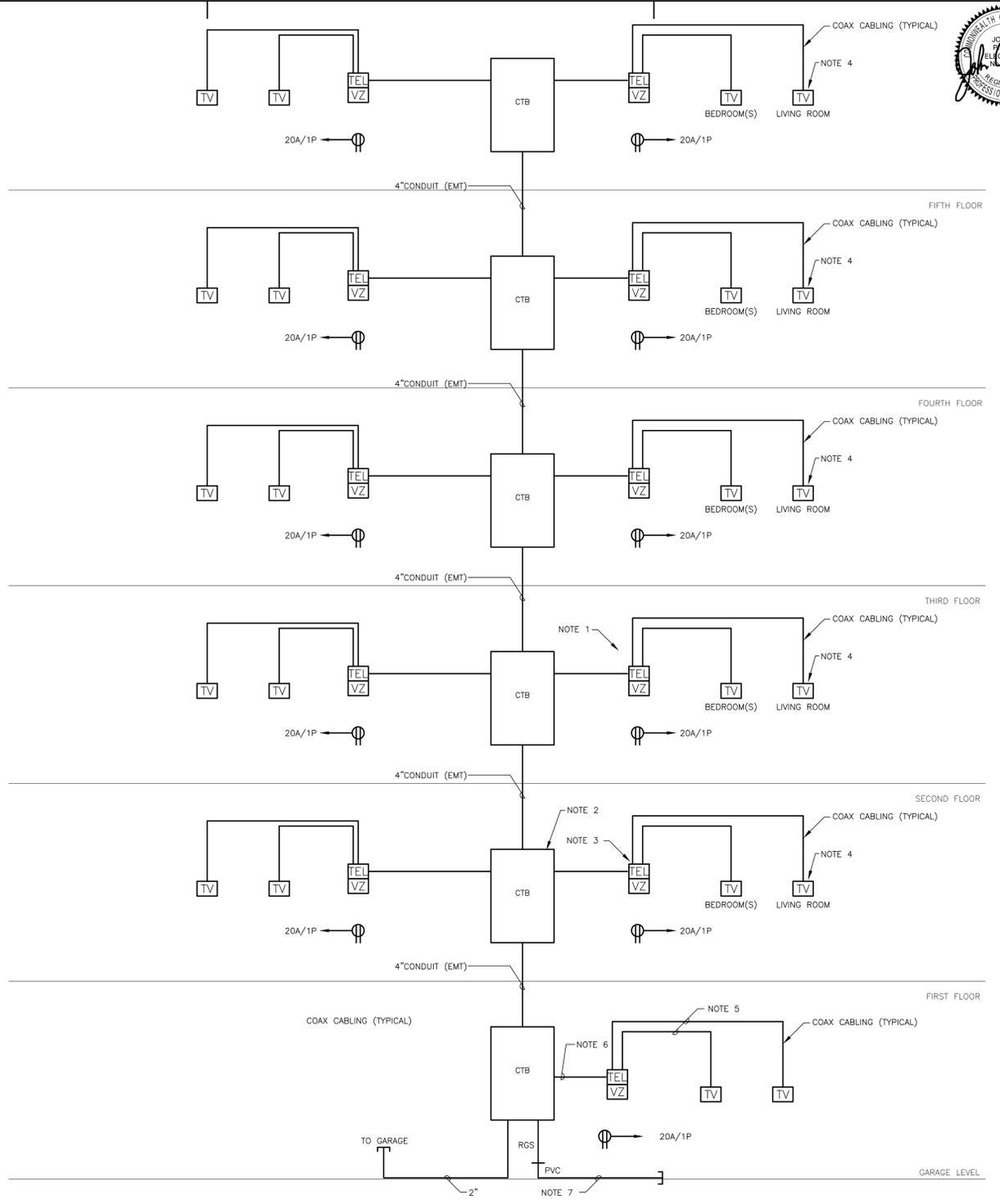
Date: **11.15.2015**
Scale: **AS NOTED**
Job No.: **2394**
Sheet No.:



TELEPHONE SYSTEM RISER DIAGRAM
N.T.S.

- NOTES:
- 8" x 8" JUNCTION BOX FOR BOTH TELEPHONE AND CATV JUNCTION/SPLITTER BOX (TYPICAL).
 - 24"W x 24"H x 8"D NON-METALLIC NEMA 1 ENCLOSURE, FOR COMMON TERMINAL BLOCKS ACCESSIBLE TO ANY TELEPHONE UTILITY COMPANY, ENCLOSURE PROVIDED BY CONTRACTOR (TYPICAL).
 - CENTRAL TELEPHONE JUNCTION/SPLITTER BOX, LOCATED IN APARTMENT UNIT ENTRY CLOSET, TYPICAL OF ALL APARTMENTS.
 - TELEPHONE JACK AND COVER PLATE, SEE FLOOR PLANS FOR EXACT QUANTITY AND LOCATION (TYPICAL).
 - HOMERUN WIRING FROM EACH TELEPHONE OUTLET TO THE CENTRAL TELEPHONE JUNCTION/TERMINATION BOX (TYPICAL) TERMINATE AT BOTH ENDS WITH PUNCH DOWN AND CONNECTOR AS REQUIRED.
 - 4-PAIR #22AWG SOLID COPPER CONDUCTORS CATEGORY 5 TELEPHONE WIRE, TYPICAL TO EACH CENTRAL TELEPHONE JUNCTION/TERMINATION BOX AT EACH UNIT. QUANTITY AS REQUIRED PER PLANS.
 - (1) EMPTY 4"CONDUIT (PVC) WITH PULLSTRING TO PROPERTY LINE FOR USE BY LOCAL TELEPHONE COMPANY. REFER TO SITE PLAN FOR LOCATION AND PULLBOX/MANHOLE REQUIREMENTS.
 - E.C. TO PROVIDE CABLING AND EQUIPMENT AS SHOWN AND COORDINATE WITH OWNER/ARCHITECT WITH REGARDS TO SERVICE PROVIDER NEGOTIATIONS.

DEDUCT ALTERNATE:
1. ELECTRICAL CONTRACTOR TO PROVIDE CABLING (CAT 5 AND COAX), INSTALL WITHIN UNITS, TERMINATE AND PULL BACK TO TEL/DATA CLOSETS ON EACH FLOOR.



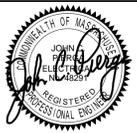
CABLE TELEVISION RISER DIAGRAM
N.T.S.

- NOTES:
- 8" x 8" JUNCTION BOX FOR BOTH TELEPHONE AND CATV JUNCTION/SPLITTER BOX (TYPICAL).
 - 24"W x 24"H x 8"D NON-METALLIC NEMA 1 ENCLOSURE FOR CABLE COMPANY, ENCLOSURE PROVIDED BY CONTRACTOR (TYPICAL).
 - CENTRAL CATV JUNCTION/SPLITTER BOX, LOCATED IN APARTMENT UNIT ENTRY CLOSET, TYPICAL OF ALL APARTMENTS.
 - CATV OUTLET PROVIDED BY CABLE COMPANY. CONTRACTOR SHALL PROVIDE A LOW VOLTAGE MOUNTING BRACKET "MUD-RING" FOR EACH OUTLET. FINAL CONNECTION BY CABLE COMPANY. SEE FLOOR PLANS FOR EXACT QUANTITY AND LOCATION (TYPICAL).
 - RG59/U 75 OHM COAXIAL CABLE FURNISHED BY THE CABLE COMPANY, INSTALLED BY THE CONTRACTOR (TYPICAL).
 - RG59/U 75 OHM COAXIAL CABLE FURNISHED BY CABLE COMPANY, INSTALLED BY CONTRACTOR (TYPICAL TO EACH CENTRAL CATV JUNCTION/SPLITTER BOX AT EACH UNIT, QUANTITY AS REQUIRED PER PLANS).
 - EMPTY (1)4"CONDUIT (PVC) WITH PULLSTRING TO PROPERTY LINE FOR USE BY LOCAL CABLE COMPANY. REFER TO SITE PLAN FOR LOCATION AND PULLBOX/MANHOLE REQUIREMENTS.
 - CTB'S SHALL BE LOCATED IN TEL/DATA ROOMS ON EACH FLOOR.
 - E.C. TO PROVIDE CABLING AND EQUIPMENT AS SHOWN AND COORDINATE WITH OWNER/ARCHITECT WITH REGARDS TO SERVICE PROVIDER NEGOTIATIONS.



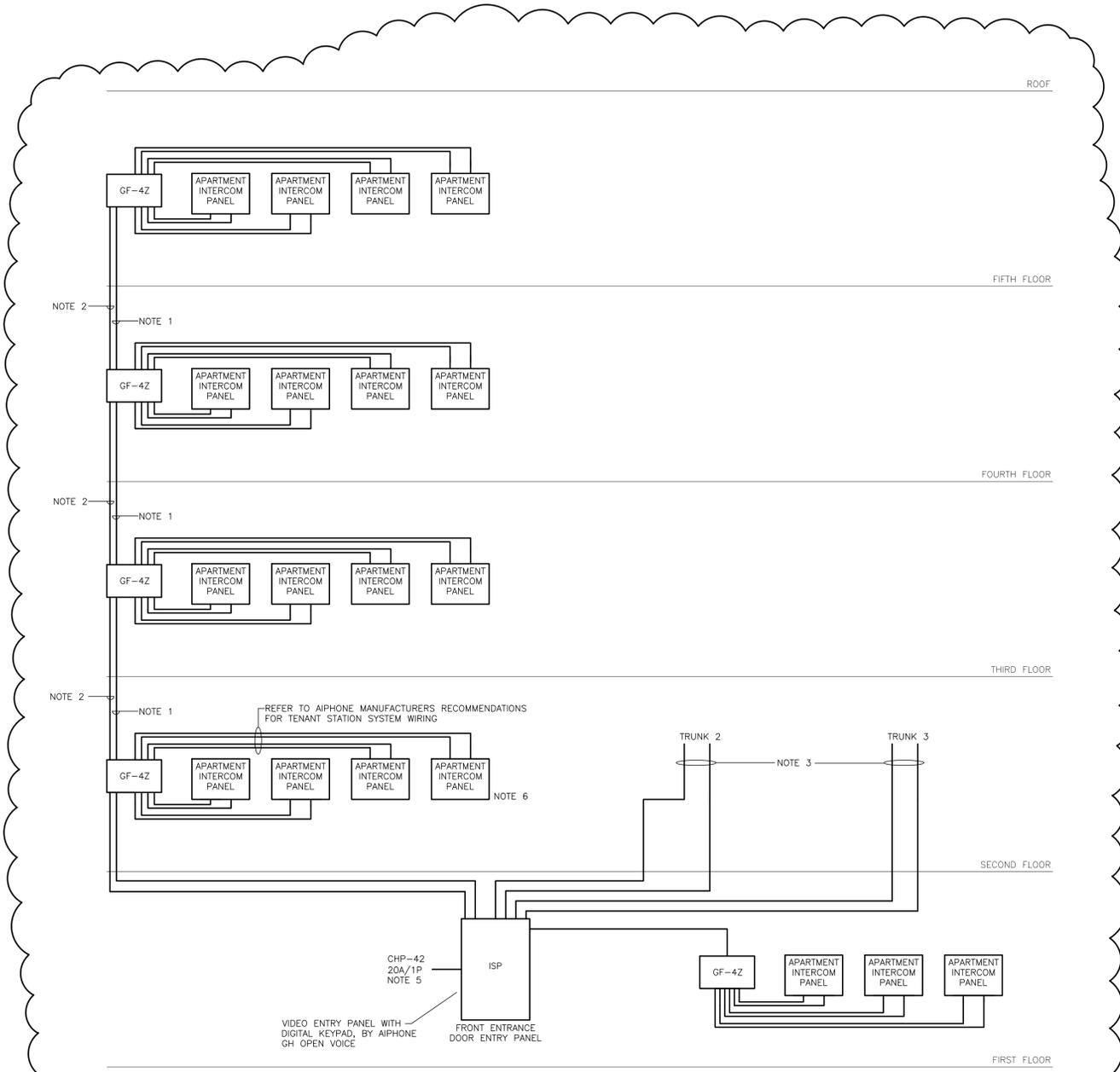
PANEL 'LS1', 200 AMP, 120/208 VOLT, 3 PHASE, 4 WIRE AND GROUND
 INTERRUPTING CAPACITY: 10,000 AMPS RMS SYM MAIN: 200A MCB MOUNTING: SURFACE

LOAD DESCRIPTION	KVA LOAD			CB/ PHASE	CIRC NO.	PH	CIRC NO.	CB/ PHASE	KVA LOAD			LOAD DESCRIPTION
	A	B	C						A	B	C	
1ST FLOOR LIGHTING	1.20			20	1	A	2	20	1.20			GARAGE LIGHTING
2ND FLOOR LIGHTING		1.20		20	3	B	4	20		0.50		STAIR 'B' LIGHTING
3RD FLOOR LIGHTING			1.20	20	5	C	6	20			0.50	STAIR 'B' LIGHTING
4TH FLOOR LIGHTING	1.20			20	7	A	8	20	1.20			GARAGE LIGHTING
5TH FLOOR LIGHTING		1.20		20	9	B	10	20		0.50		STAIR 'A' LIGHTING
FIRE ALARM CONTROL PANEL		0.50		20	11	C	12	20		0.50		STAIR 'A' LIGHTING
ELEVATOR FAN	0.50			20	13	A	14	20	0.20			LOW WATER PRESSURE BELL
ELEVATOR LIGHT		0.50		20	15	B	16	20		0.20		ELEVATOR SMOKE DAMPER
BIDIRECTIONAL AMPLIFIER			0.50	20	17	C	18	20			0.20	ELEVATOR SMOKE DAMPER
				20	19	A	20	20				SPARE
				21	B	22	20					SPARE
				22	C	23	20					
				23	A	24						
				24	B	25	26					
				25	A	26						
				26	B	27	28					
				27	A	28						
				28	B	29	30					
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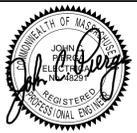
LIGHTING FIXTURE SCHEDULE						
FIXTURE TYPE	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER	LAMPS			VOLTAGE
			No.	WATTAGE	TYPE	
A	1' X 4' LED SURFACE MOUNTED FIXTURE GARAGE AREA / BACK OF HOUSE	WILLIAMS LIGHTING: HES-1-4-LEDPH38/840-A-ED*PH-120	-	42.9	LED	120
B	6" LED RECESSED FIXTURE GRAND LOBBY / CORRIDORS	JUNO LIGHTING: L6-13-35-U-G2L600P-CL-W-HB-TL	-	15	LED	120
C	6" LENSES LED EXTERIOR RECESSED FIXTURE, DAMP LOCATION LOBBY ENTRANCE	JUNO LIGHTING: L6-23-XX-U-G2L600P-CL-WET-HB-TL	-	29	LED	120
D	WALL SCONCE LED FIXTURE GRAND LOBBY / CORRIDORS FIXTURE FINISHES TO BE COORDINATED W/ARCHITECT	HUBBARDTON FORGE: 207690 CANDELABRA SOCKET	2	60	CANDELABRA LED	120
E	PENDANT MOUNTED LED FIXTURE GRAND LOBBY	EUREKA LIGHTING: 4424D-42-JDJ-9-LED-4.30-120-AC-BLK-WH	-	24	LED	120
F	4' LINEAR LED EXTERIOR STRIP FIXTURE, DAMP LOCATION LOBBY ENTRY	INSIGHT LIGHTING: MEDLEY VIEW II	-	-	LED	120
G	1' X 4' WALL MOUNTED LED FIXTURE STAIRCASE	MERCURY LIGHTING: L4554-4500-40K-HTA20-SXX-UNI-EM12	-	47.7	LED	120
H	6" RECESSED WALL WASHER LED FIXTURE COMMUNITY ROOM	JUNO LIGHTING: L6-23-35-UNV-G2-L600-WS-C-L-HB-TL	-	29	LED	120
I	2' X 4' RECESSED LED FIXTURE COMMUNITY ROOM	WILLIAMS LIGHTING: HET-G-S-2-4-LED*PH40/835-A-ED*PH-UNV	-	40	LED	120
J	2' X 2' RECESSED LED FIXTURE COMMUNITY ROOM	WILLIAMS LIGHTING: HET-G-S-2-2-LED*PH40/835-A-ED*PH-UNV-E12	-	40	LED	120
K	EXTERIOR WALL MOUNTED LED UPLIGHT FIXTURE WET LOCATION. COORDINATE W/ARCH FOR FINISH COLOR	ACCULITE: COU-A026-4K-UN-E12	-	35	LED	120
L	EXTERIOR WALL MOUNTED WALL WASHER DOWN LIGHT LED FIXTURE WET LOCATION. COORDINATE W/ARCH FOR FINISH COLOR	RAB LIGHTING: SLIM12Y	-	12	LED	120
M	2' X 2' RECESSED LED FIXTURE GARAGE AREA / CORRIDOR	WILLIAMS LIGHTING: HET-G-S-2-2-LED-PPH33/835-A-ED*PH-120	-	38	LED	120
N	-	-	-	-	-	-
P	ELEVATOR PIT, ROOFTOP HVAC EQUIPMENT LIGHT	PHILIPS STONCO: VWXL26HFL1	1	26	4 PIN BASE GX240-3	120
Q	EXTERIOR WALL SCONCE, WET LOCATION LOCATED ON THE ROOF, COORDINATE COLOR WITH ARCH. PRIOR TO ORDER	LINDSLEY LIGHTING: LLWS-S-CB-04-30-WT	-	5	LED	120
R	EXTERIOR WALL SCONCE W/ PHOTOSENSOR, WET LOCATION, GROUND FLOOR EXTERIOR DOOR LOCATIONS, COORDINATE COLOR WITH ARCH. PRIOR TO ORDER	LITHONIA: WSR-LED-1-10A700/40K-SR4-120-PE-DBLXD	-	24	LED	120
S1	SITE LIGHTING TO MATCH EXISTING SITE LIGHTING FIXTURE. PROVIDE FIXTURE WITH DARK SKY REFLECTOR. NEW POLE TO MATCH EXISTING SITE POLE STYLE, VERIFY HEIGHT AND STYLE PRIOR TO ORDERING. EC TO VERIFY COLOR W/ARCH PRIOR TO ORDERING	PHILIPS: VL72-40-3-E-N-A SPECIAL LITE: DARK SKY REFLECTOR #DSR-360-MED	-	40	LED	120
S2	SITE BOLLARD TO MATCH EXISTING SITE BOLLARD FIXTURE	PHILIPS: BL31-A0-42F-E-N	1	42	CFL	120
S3	FLAG POLE AND SITE SIGN UP-LIGHT FIXTURE	PHILIPS: STKLPF1K-B UPC#786034956925	1	18	LED FLOODLIGHT 4000K	120
X1	UNIVERSAL EDGE-LIT SINGLE FACE EXIT SIGN, PROVIDE W/ DIRECTIONAL CHEVRONS AS INDICATED ON PLAN	PHILIPS CHLORIDE 44RLU1R	-	1.5	LED	120
X2	UNIVERSAL EDGE-LIT DOUBLE FACE EXIT SIGN, PROVIDE W/ DIRECTIONAL CHEVRONS AS INDICATED ON PLAN	PHILIPS CHLORIDE 44RLU2R	-	1.5	LED	120
X3	UNIVERSAL THERMOPLASTIC SINGLE FACE EXIT SIGN, PROVIDE W/ DIRECTIONAL CHEVRONS AS INDICATED ON PLAN	PHILIPS CHLORIDE VXL3RW	-	1.5	LED	120
X4	UNIVERSAL THERMOPLASTIC DOUBLE FACE EXIT SIGN, PROVIDE W/ DIRECTIONAL CHEVRONS AS INDICATED ON PLAN	PHILIPS CHLORIDE VXL3RW	-	1.5	LED	120

UNIT LIGHTING FIXTURE SCHEDULE						
FIXTURE TYPE	DESCRIPTION	MANUFACTURER AND CATALOG NUMBER	LAMPS			VOLTAGE
			No.	WATTAGE	TYPE	
U1	RECESSED LED DOWNLIGHT FIXTURE CORRIDOR AND LIVING ROOM	TO BE DETERMINED	-	-	LED	120
U2	6" X 2' CLOSET STRIP FIXTURE MECHANICAL CLOSET	TO BE DETERMINED	1	-	T8	120
U3	NOT USED	TO BE DETERMINED	-	-	-	-
U4	2' VANTY FIXTURE BATHROOM	TO BE DETERMINED	-	-	120	120
U5	2' UNDER CABINET FIXTURE KITCHEN	TO BE DETERMINED	-	-	LED	120
U6	PENDANT MOUNTED FIXTURE KITCHEN ISLAND	TO BE DETERMINED	-	-	LED	120
U7	RECESSED FIXTURE BATHROOM	TO BE DETERMINED	-	-	LED	120
U8	PENDANT MOUNTED CHANDLER DINING	TO BE DETERMINED	-	-	LED	120
U9	RECESSED LED DOWNLIGHT WITH LENS, WET LISTED SHOWER	TO BE DETERMINED	-	-	LED	120
U10	SURFACE MOUNTED FIXTURE CLOSET	TO BE DETERMINED	-	-	LED	120
U11	DECORATIVE PENDANT MOUNTED FIXTURE ENTRY	TO BE DETERMINED	-	-	LED	120
U12	EXTERIOR FIXTURE BALCONY	PROGRESS LIGHTING: P5721-14	-	60	A10 LED	120

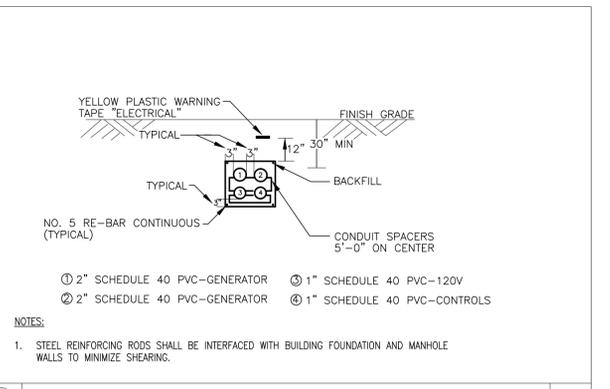
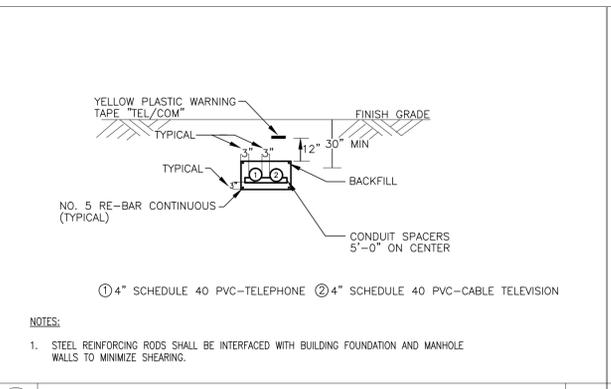
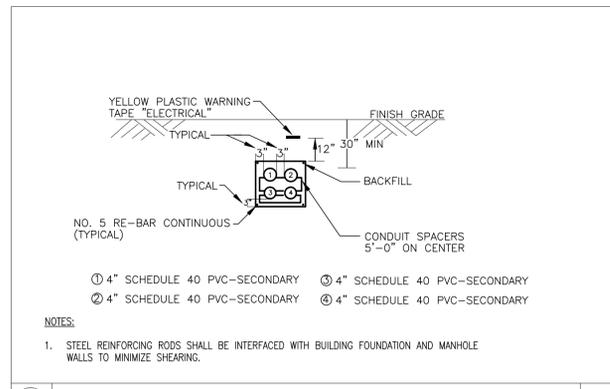
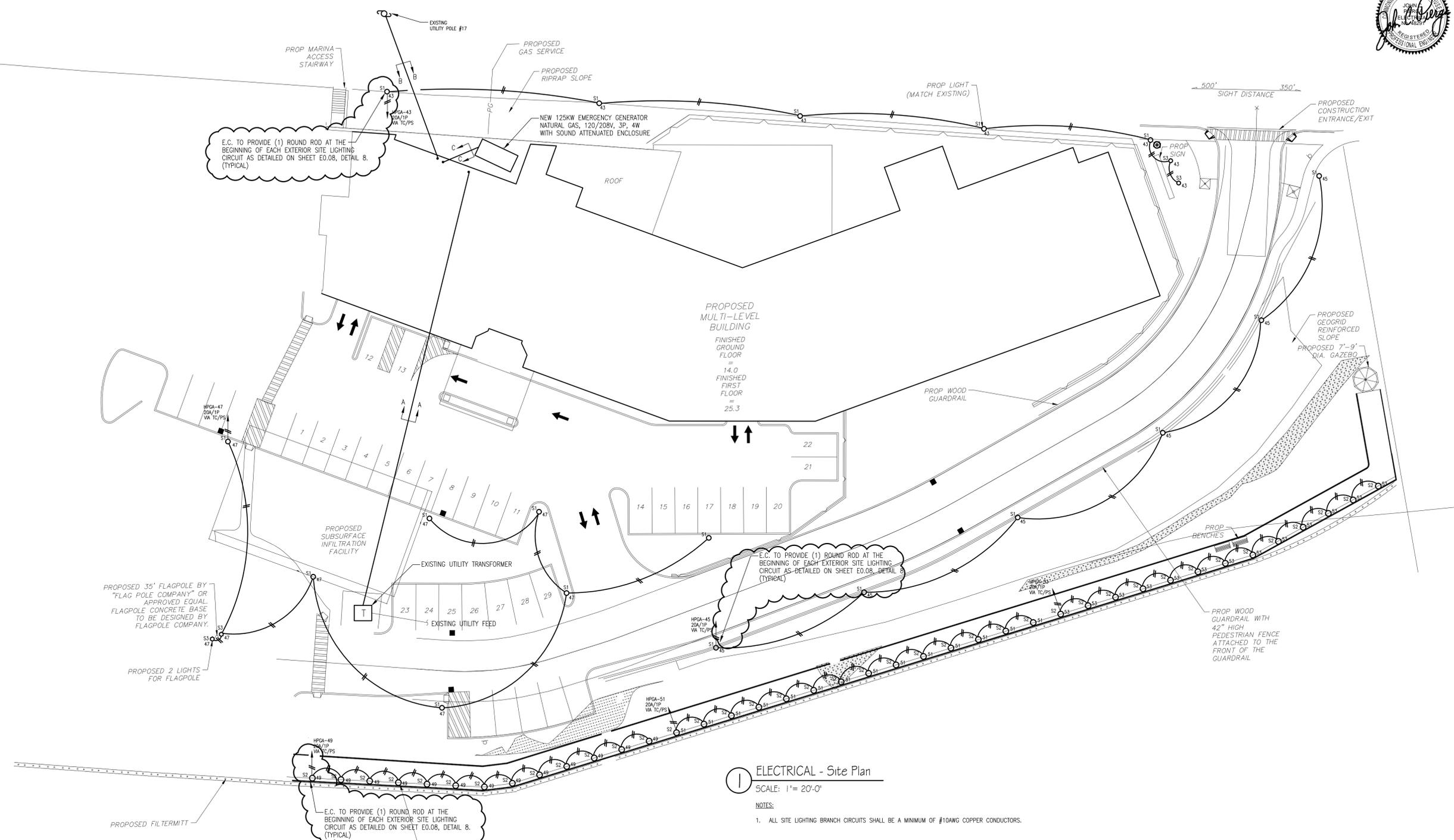


DOOR ENTRY/INTERCOM SYSTEM RISER DIAGRAM
N.T.S.

- NOTES:**
1. PROVIDE R1/R2 (AUDIO TRUNK) AIPHONE WIRE #872002. MAXIMUM CUMULATIVE DISTANCE = 8000 FEET. MAXIMUM OF 25 UNITS PER TRUNK.
 2. PROVIDE A1/A2, B1/B2 (VIDEO TRUNK) AIPHONE WIRE #871802. MAXIMUM WIRE DISTANCE FROM TENANT TO GH-VBC = 500 FEET.
 3. SUB TRUNKS SUPPORT 262 TENANT STATIONS.
 4. RISER DOES NOT SHOW ALL NECESSARY COMPONENTS. PROVIDE ALL INTEGRAL COMPONENTS FOR A COMPLETE AND FUNCTIONAL SYSTEM. REFER TO AIPHONE MANUFACTURER'S SPECIFICATIONS AND WIRING DIAGRAMS FOR INSTALLATION OF COMPONENTS.
 5. E.C. SHALL PROVIDE ALL REQUIRED MODULES, COMPONENTS, BOOSTERS AND CABLING FOR A COMPLETE OPERATIONAL INTERCOM SYSTEM WITH VIDEO.
 6. REFER TO FLOOR PLANS FOR QUANTITY OF APARTMENTS PER FLOOR. TYPICAL FOR EACH FLOOR
- APARTMENT INTERCOM PANEL
COLOR VIDEO OPEN VOICE TENANT STATION, BY AIPHONE GH-1KD.



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1 DUCTBANK SECTION "A-A" N.T.S.

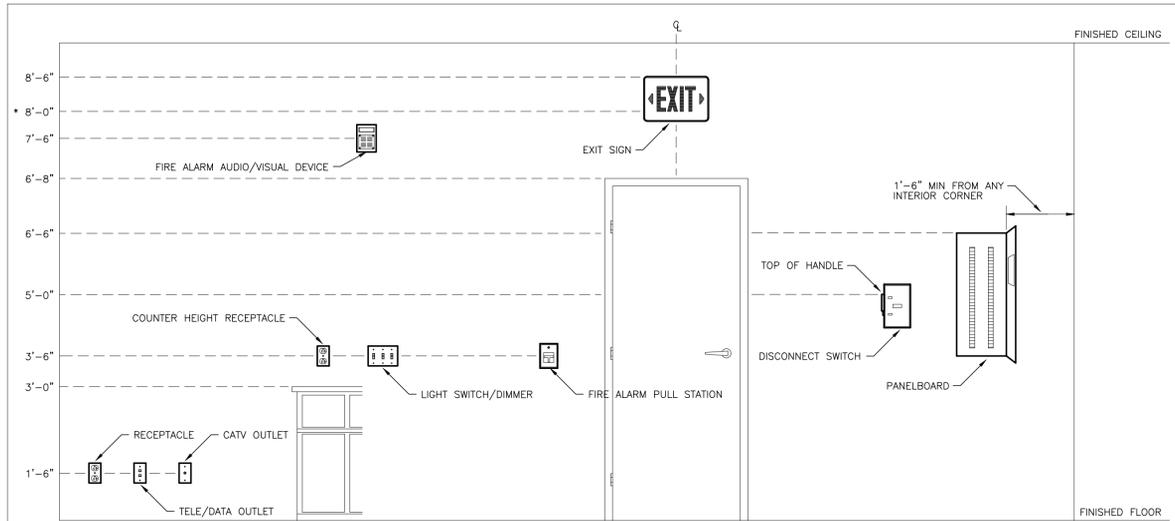
2 DUCTBANK SECTION "B-B" N.T.S.

3 DUCTBANK SECTION "C-C" N.T.S.

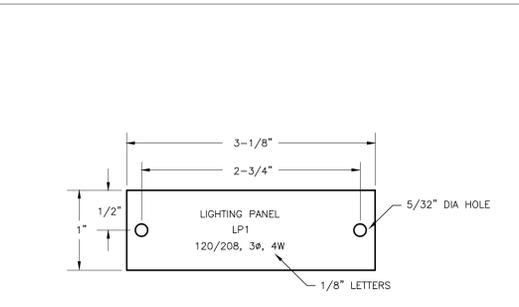


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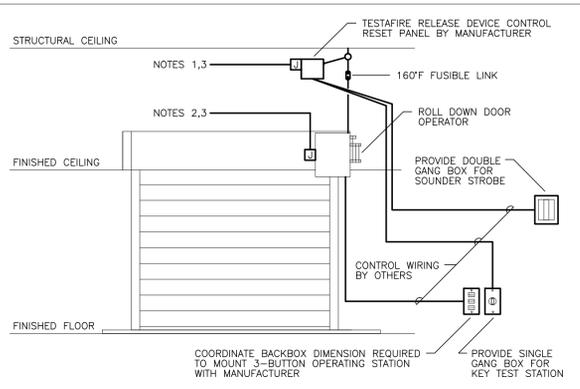


1 DEVICE MOUNTING HEIGHT DETAIL



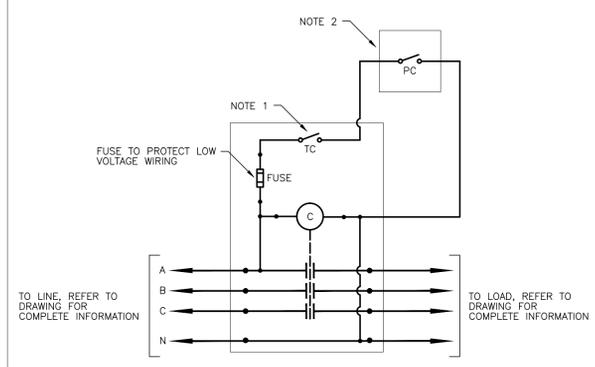
- NOTES:
1. NAMEPLATE TO BE CONSTRUCTED OF 1/16" THICK WHITE SURFACE WITH LETTER ENGRAVED INTO BLACK LAMINATIONS.
 2. ALL NAMEPLATES SHALL BE SECURED BY MACHINE SCREWS.
 3. NO NAMEPLATES SHALL BE PASTED ON.
 4. PANELBOARDS WITHIN UNITS SHALL BE PROFESSIONALLY PAINTED USING ELECTROSTATICALLY APPLIED PAINT FOR A SMOOTH GLOSS FINISH. COLOR BY ARCHITECT.
 5. APARTMENT LOAD CENTERS SHALL HAVE FACTORY INSTALLED LOCKS. PANELBOARDS WILL NOT BE ALLOWED TO BE RETROFITTED WITH LOCKS IN THE FIELD.

2 TYPICAL NAMEPLATE DETAIL



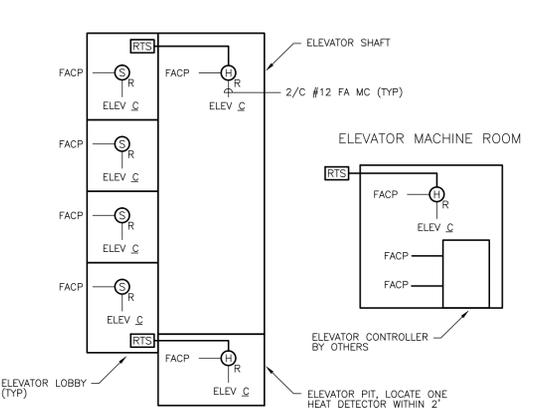
- NOTES:
1. POWER CONNECTION FOR "TESTAFIRE CONTROL RESET BOX" 120V, 1ø.
 2. POWER CONNECTION FOR AUTOMATIC ROLL DOWN DOOR.
 3. REFER TO FLOOR PLANS FOR PANEL NAME AND CIRCUIT NUMBER.
 4. ROLL DOWN DOORS SHALL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS.
 5. ALL FINAL LOCATIONS SHALL BE COORDINATED WITH THE GENERAL CONTRACTOR.

3 SECURITY ROLLDOWN DOOR POWER CONNECTION DETAIL



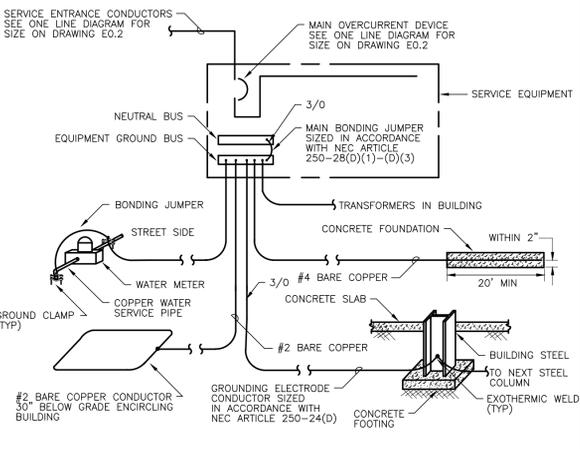
- NOTES:
1. INTERMATIC DIGITAL, SINGLE THROW, SEVEN DAY TIME SWITCH WITH RESERVE POWER FEATURE. NEMA 1 ENCLOSURE AND DIGITAL CLOCK MOTOR OF VOLTAGE COMPATIBLE WITH CONTROL CIRCUIT. 120/208/240/277 VOLT, SINGLE CIRCUIT MODEL No. ET70115C, TWO CIRCUIT MODEL No. ET70215C.
 2. ROOF MOUNTED PHOTO-ELECTRIC CONTROL UNIT WITH OUTLET BOX AND FACE PLATE. TORK No. 2101 FOR 120 VOLT CONTROL CIRCUITS OR TORK No. 2104 FOR 208/277 VOLT CONTROL CIRCUITS. FACE UNIT TO NORTH.

4 TIME SWITCH PHOTOCELL CONTROLLED CONTACTOR DETAIL



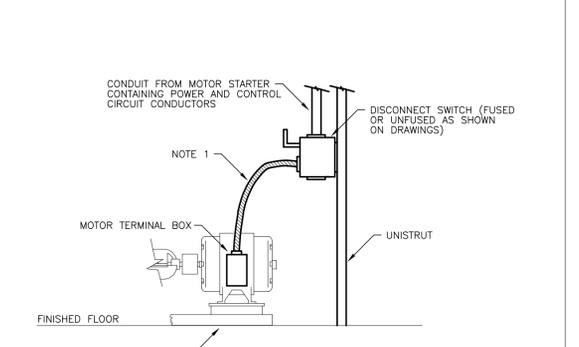
- NOTES:
1. SEND ELEVATOR RECALL SIGNAL TO ELEVATOR CONTROL PANEL WHEN SMOKE DETECTORS IN ELEVATOR LOBBY OR ELEVATOR SHAFT GO INTO ALARM.
 2. SEND A UNIQUE ELEVATOR RECALL SIGNAL TO ELEVATOR CONTROL PANEL WHEN SMOKE DETECTOR(S) IN PIT GO INTO ALARM TO SEND THE ELEVATOR AWAY FROM THE PIT.
 3. ELEVATOR CONTROLLER SHALL INITIATE ELEVATOR RECALL.

5 ELEVATOR RECALL WIRING DETAIL



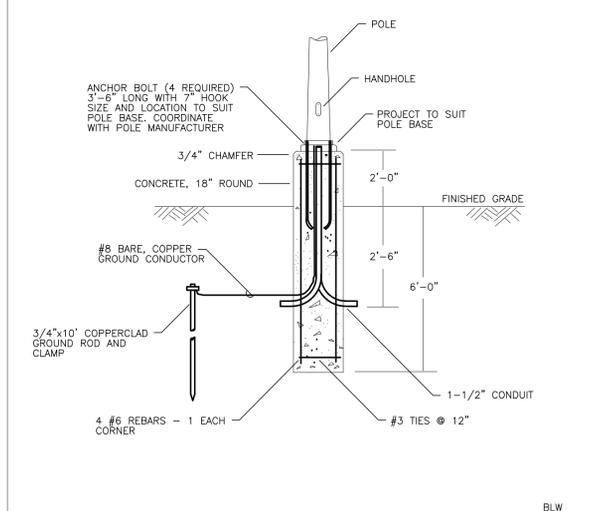
- NOTES:
1. THE GROUNDING ELECTRODE SYSTEM SHALL COMPLY WITH SECTION III OF ARTICLE 250 OF THE NEC.

6 SERVICE GROUNDING DETAIL

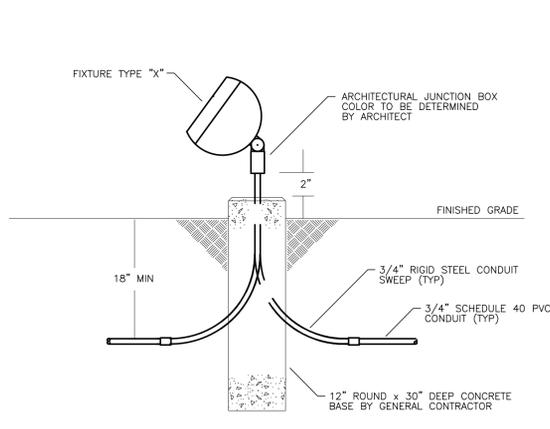


- NOTES:
1. FLEXIBLE LIQUIDTIGHT CONDUIT CONNECTION CONTAINING POWER CIRCUIT CONDUCTORS (MAXIMUM LENGTH SHALL BE 36").

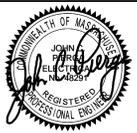
7 MOTOR DISCONNECT SWITCH MOUNTING DETAIL



8 LIGHTING POLE BASE DETAIL

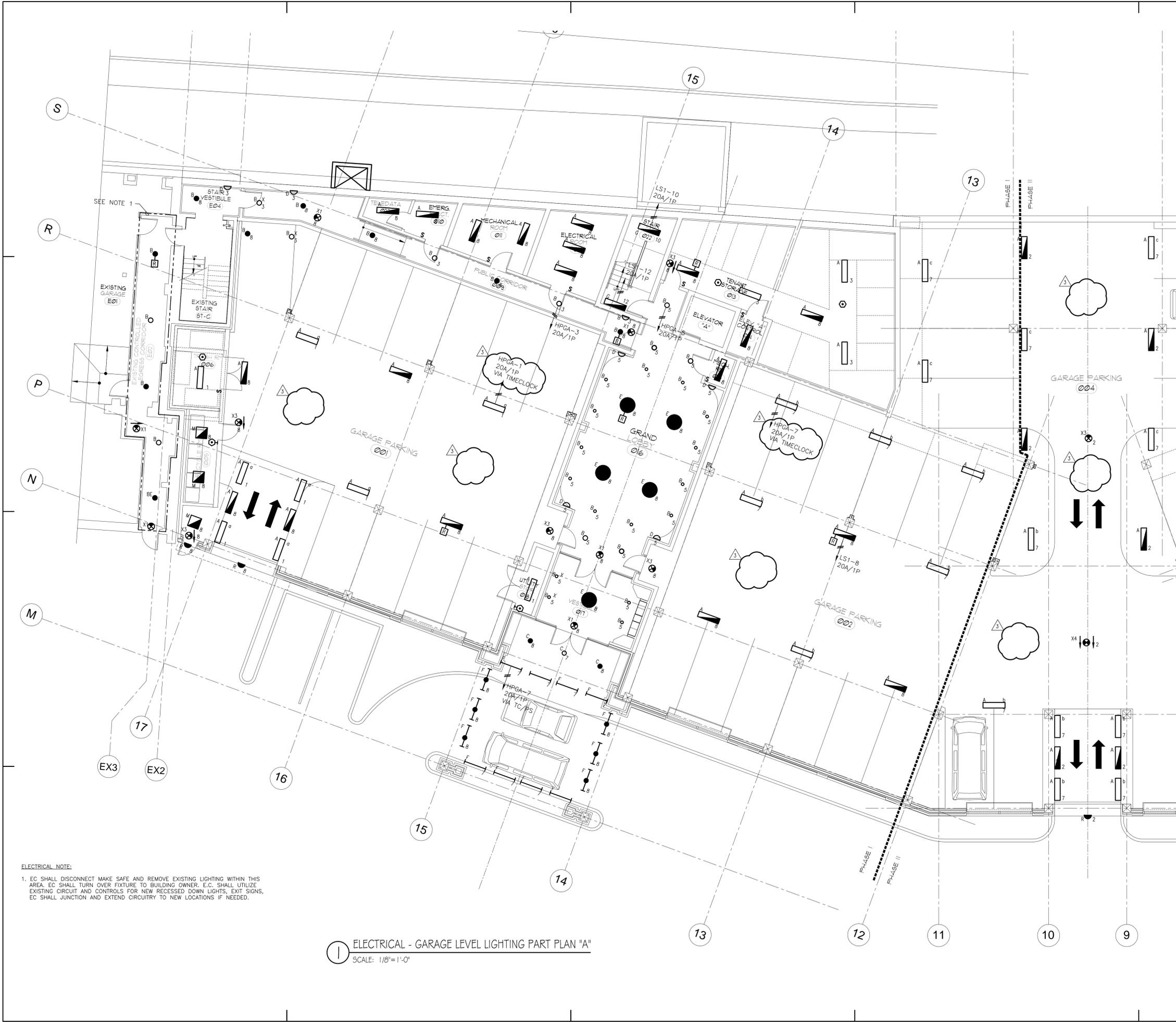


9 GROUND - ACCENT FIXTURE BASE DETAIL



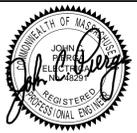
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ELECTRICAL NOTE:
 1. EC SHALL DISCONNECT MAKE SAFE AND REMOVE EXISTING LIGHTING WITHIN THIS AREA. EC SHALL TURN OVER FIXTURE TO BUILDING OWNER. E.C. SHALL UTILIZE EXISTING CIRCUIT AND CONTROLS FOR NEW RECESSED DOWN LIGHTS, EXIT SIGNS, EC SHALL JUNCTION AND EXTEND CIRCUITRY TO NEW LOCATIONS IF NEEDED.

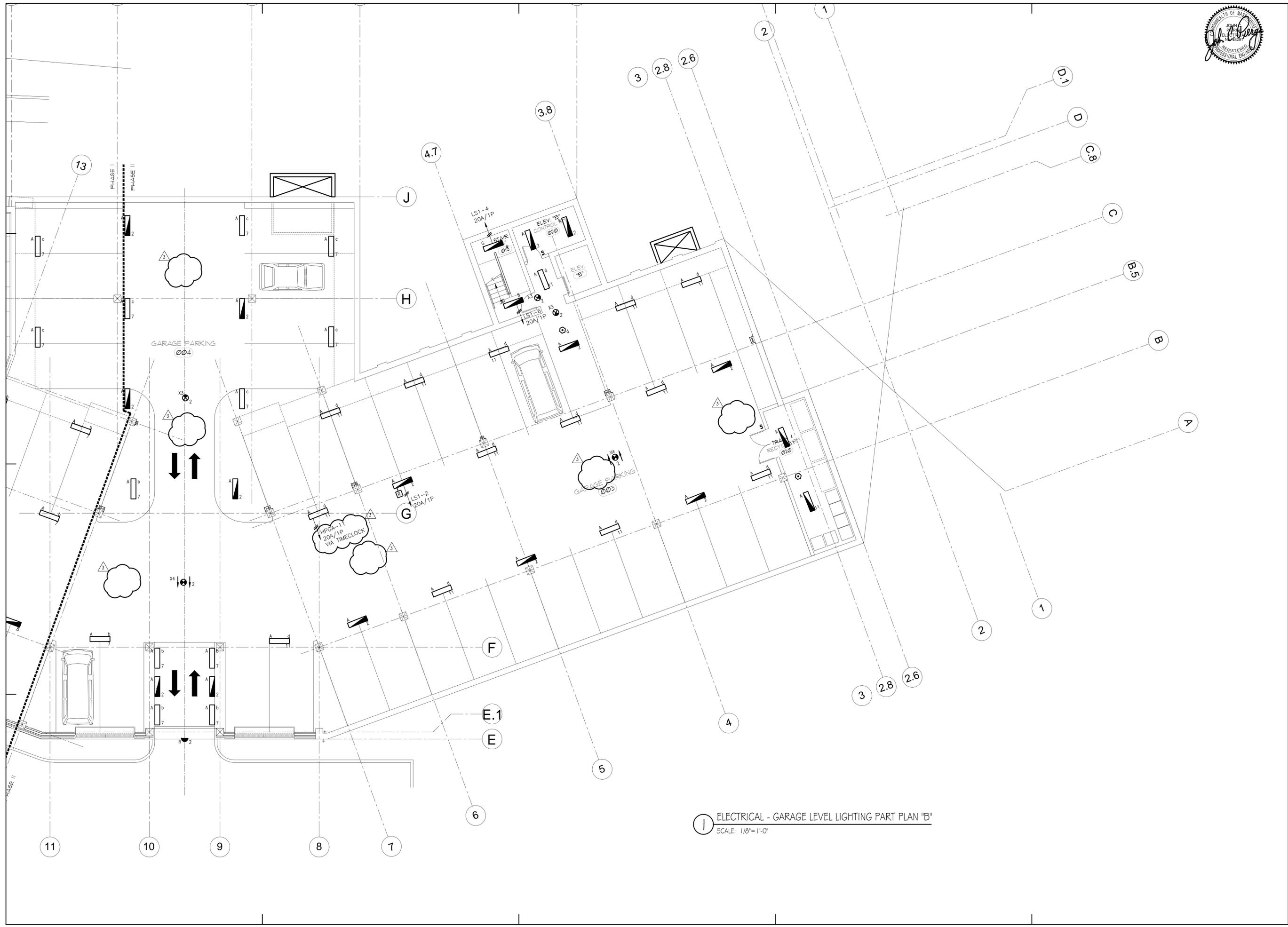
ELECTRICAL - GARAGE LEVEL LIGHTING PART PLAN "A"
 SCALE: 1/8"=1'-0"



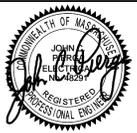
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1 ELECTRICAL - GARAGE LEVEL LIGHTING PART PLAN "B"
 SCALE: 1/8"=1'-0"



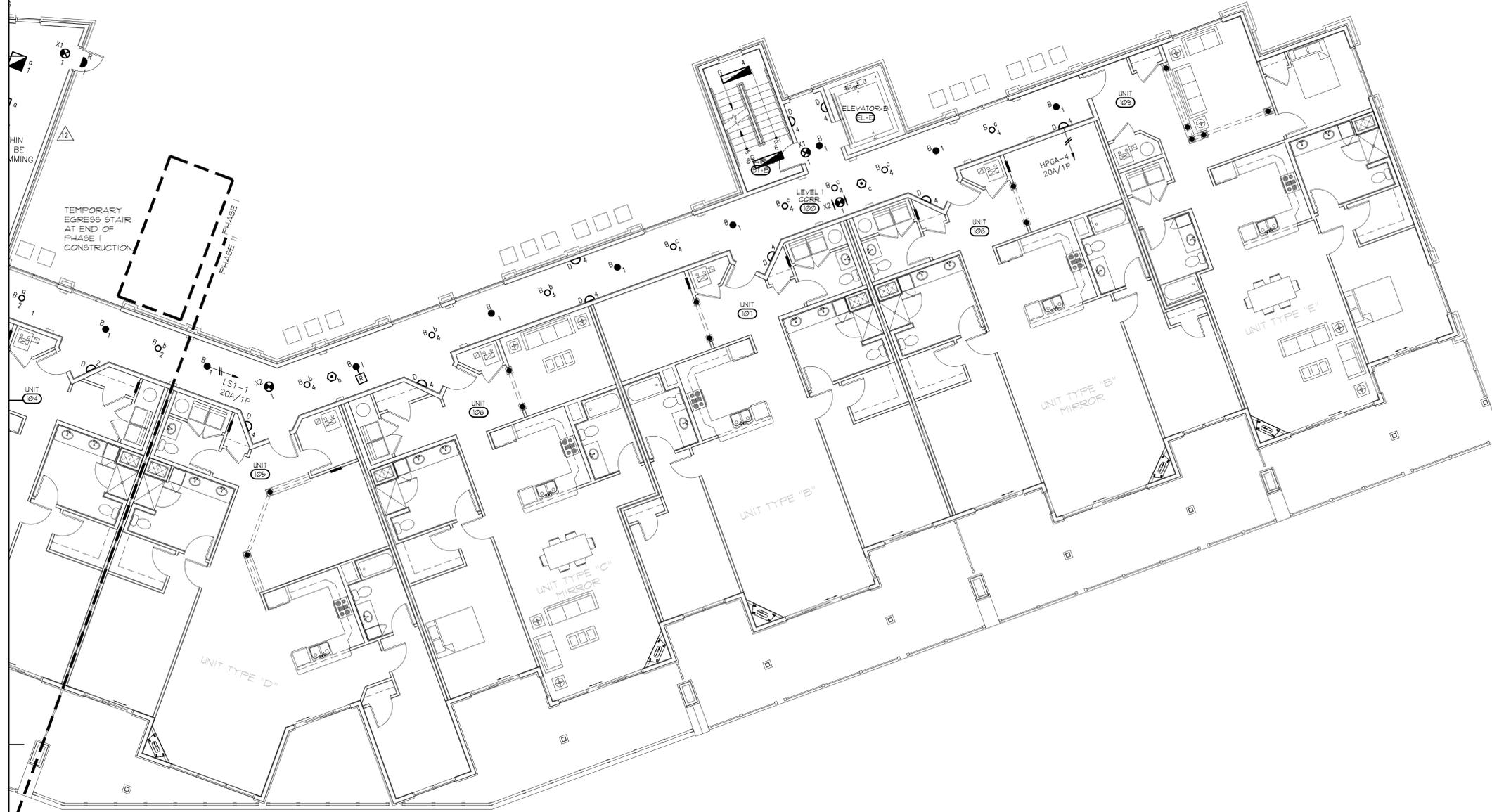
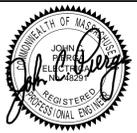
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1 ELECTRICAL - LEVEL 1 LIGHTING PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 1 LIGHTING PART PLAN "B"
SCALE: 1/8"=1'-0"

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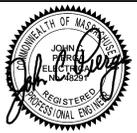
AMESBURY, MA

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Location: PO BOX 1044 SUDBURY, MA 01776
Title: ELECTRICAL
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E1.1B



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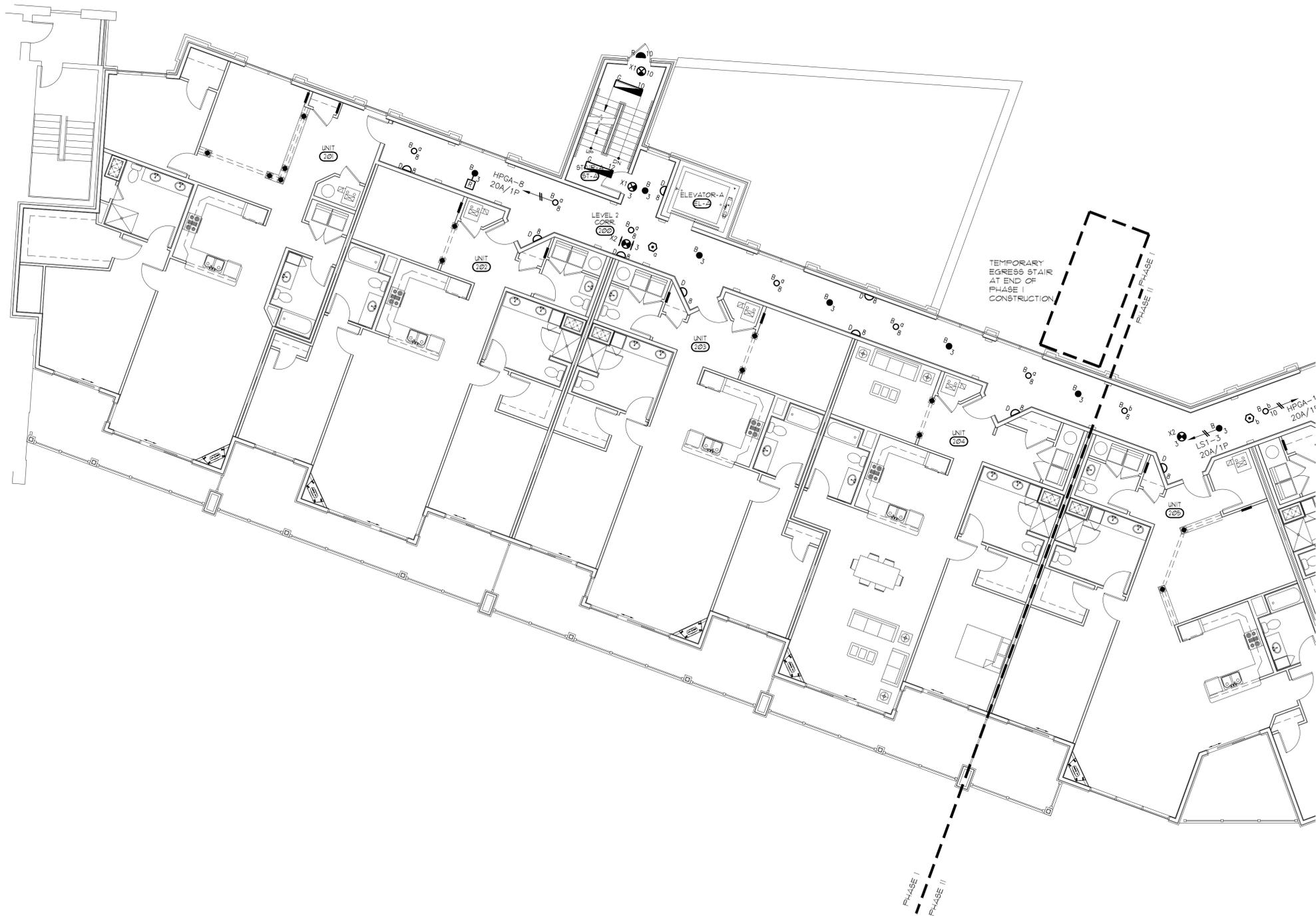
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 LEVEL-2, PART-PLAN "A"**

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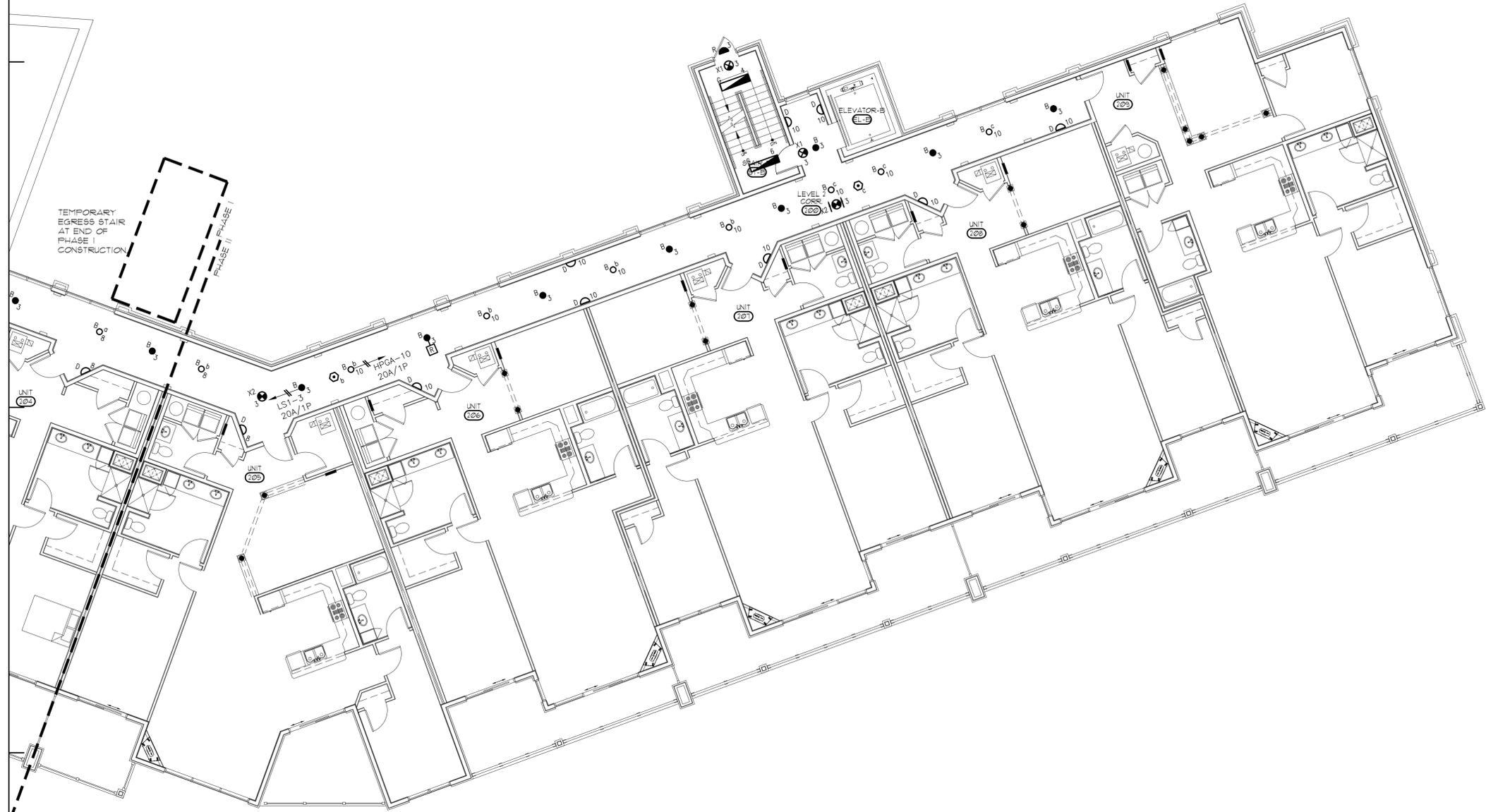
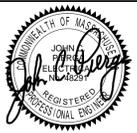
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E1.2A



1 ELECTRICAL - LEVEL 2 LIGHTING PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 2 LIGHTING PART PLAN "B"
SCALE: 1/8"=1'-0"

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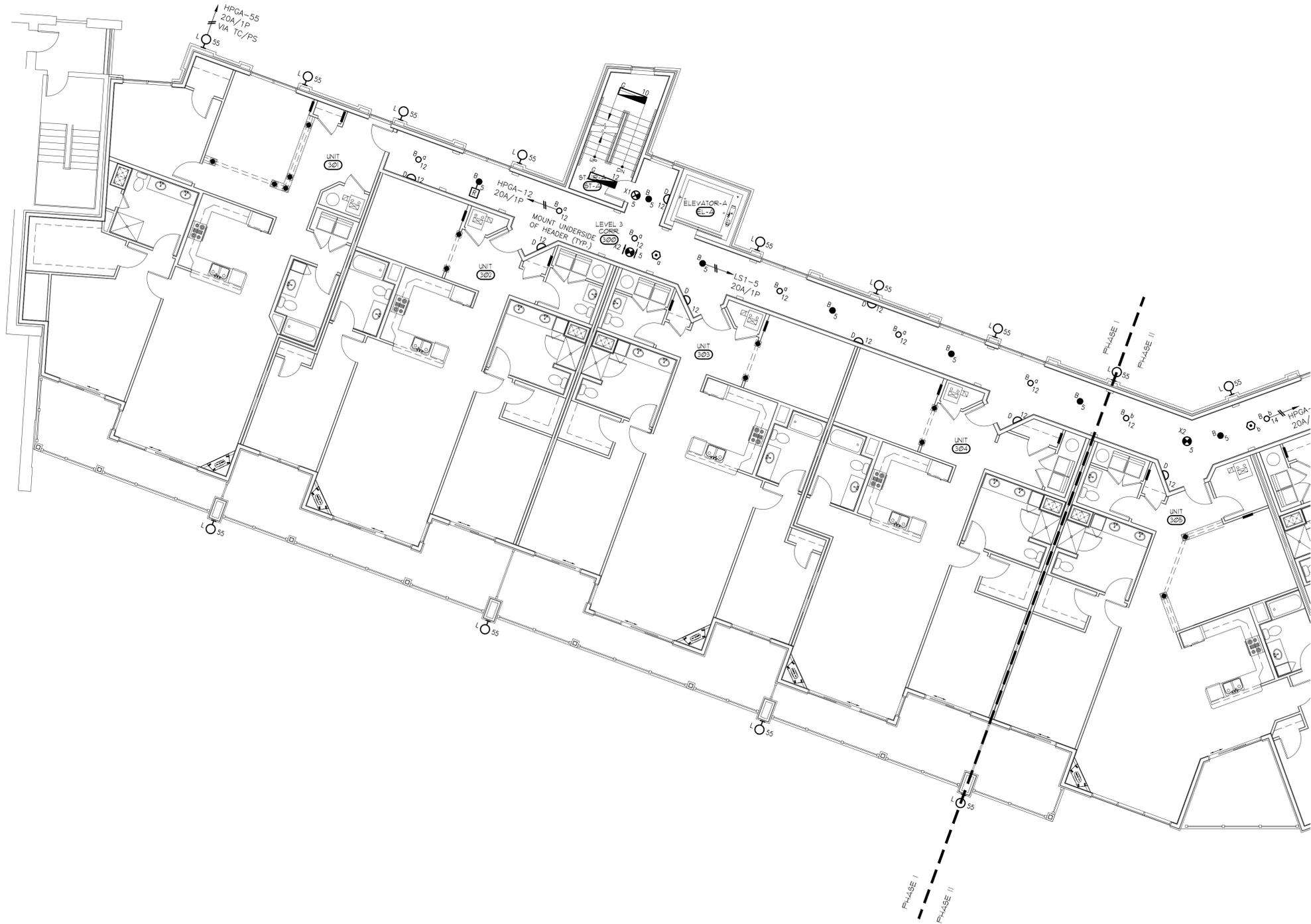
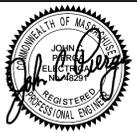
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E1.2B



1 ELECTRICAL - LEVEL 3 LIGHTING PART PLAN "A"
SCALE: 1/8"=1'-0"

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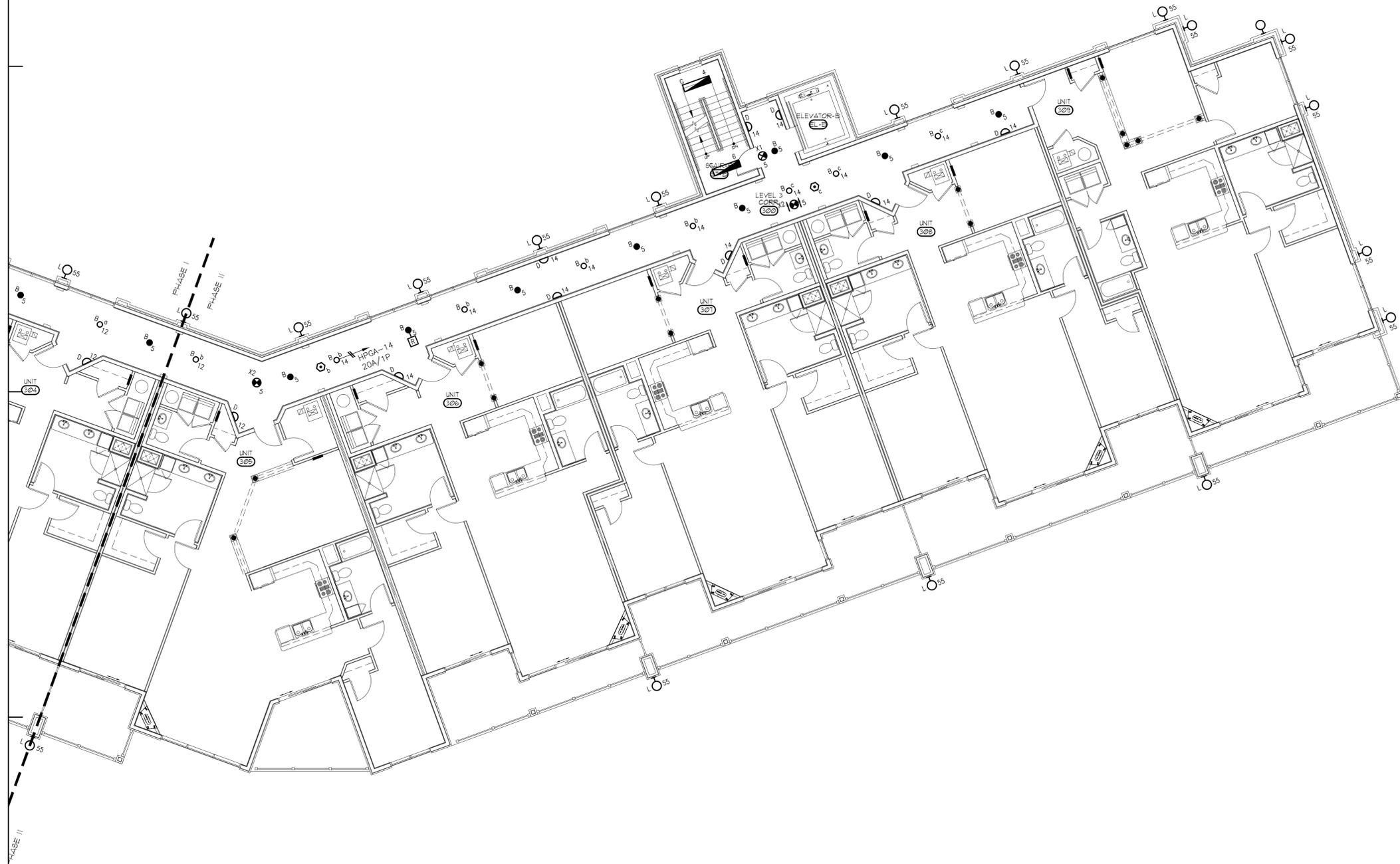
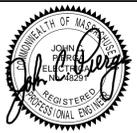
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E1.3A



1 ELECTRICAL - LEVEL 3 LIGHTING PART PLAN "A"
SCALE: 1/8"=1'-0"

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HATTERS POINT ELECTRICAL LEVEL-3, PART-PLAN "B"

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E1.3B



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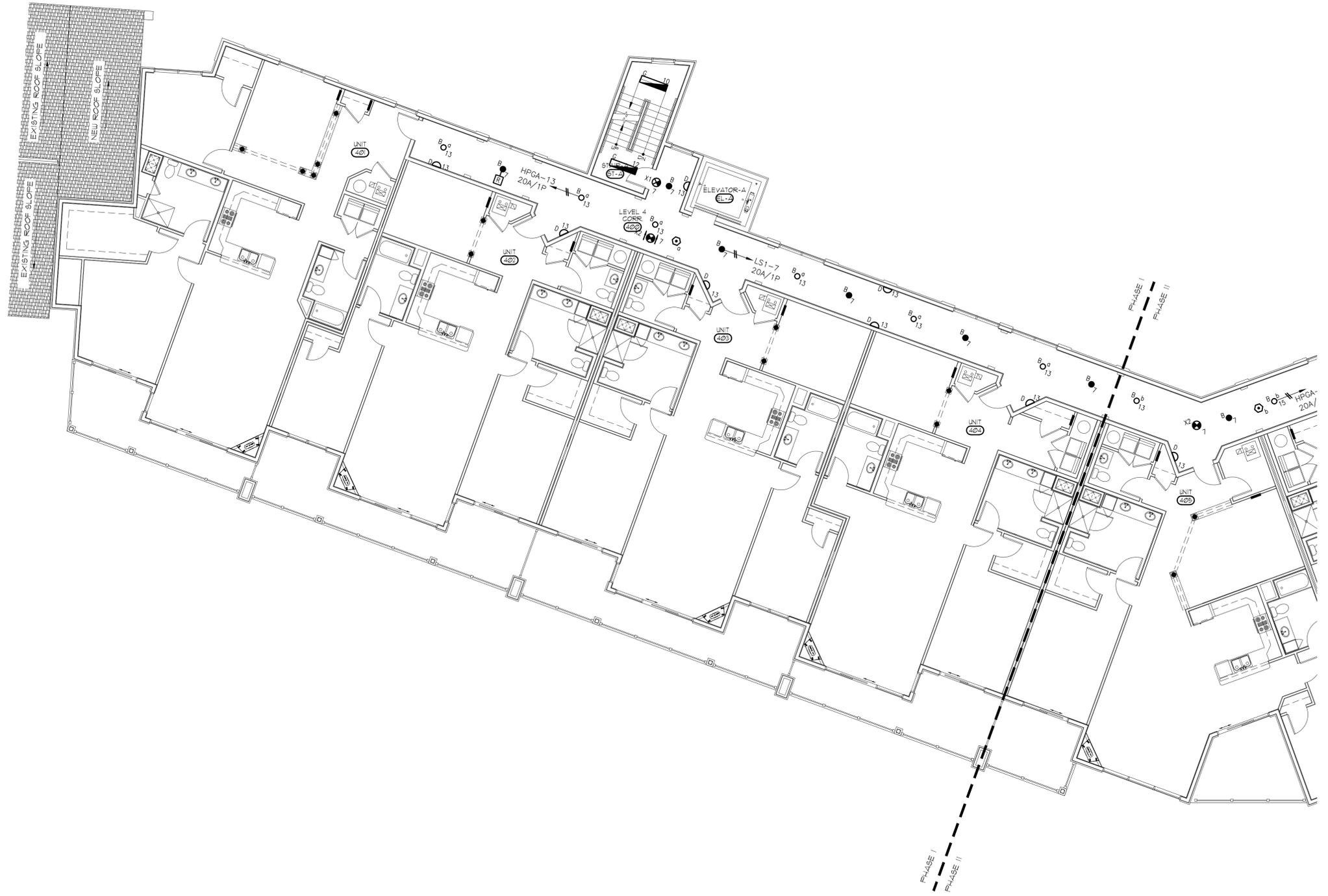
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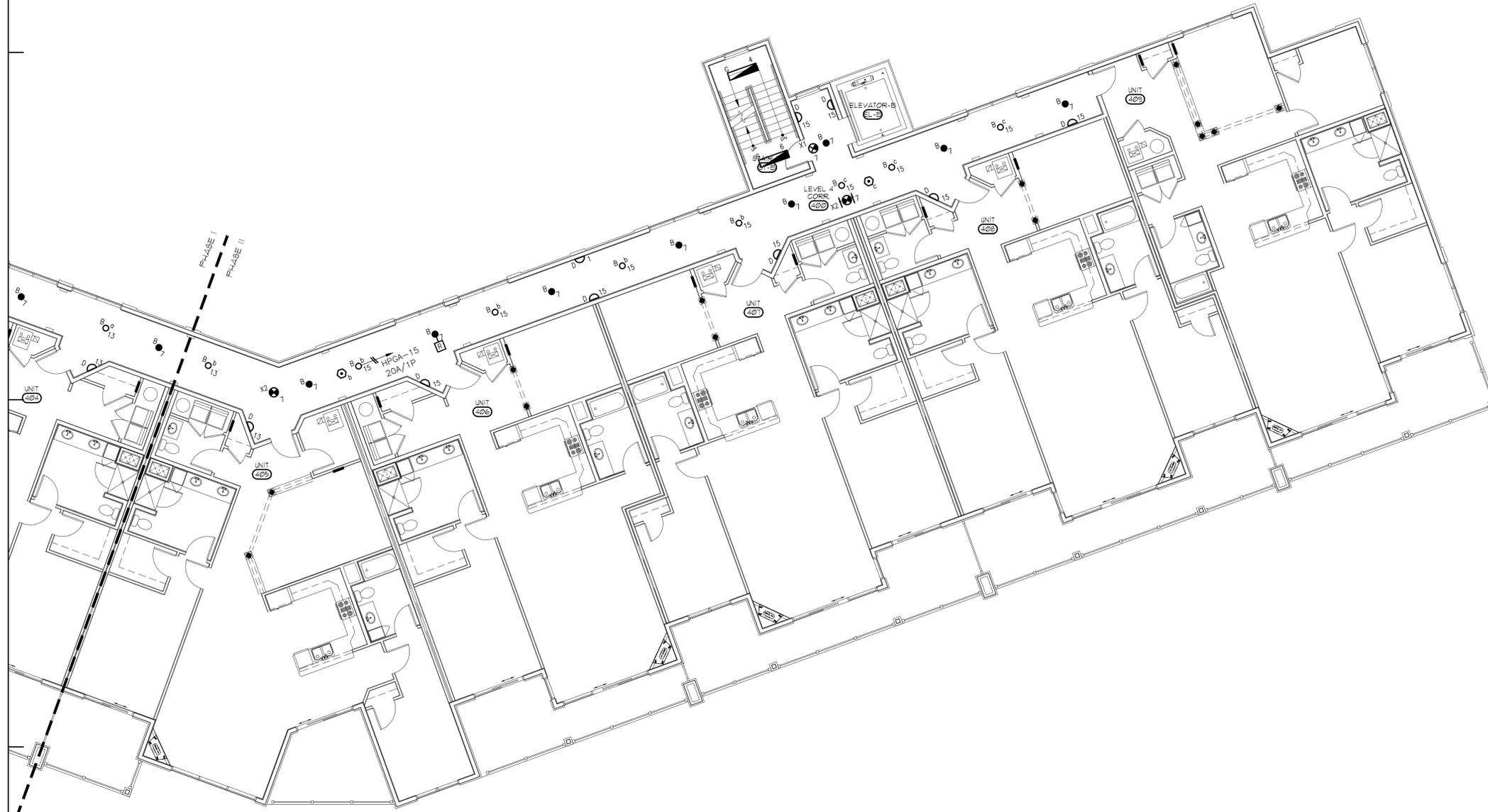
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 title:
**ELECTRICAL
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ELECTRICAL - LEVEL 4 LIGHTING PART PLAN "B"
 SCALE: 1/8" = 1'-0"



1 ELECTRICAL - LEVEL 4 LIGHTING PART PLAN "B"
SCALE: 1/8"=1'-0"

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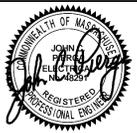
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E1.4B



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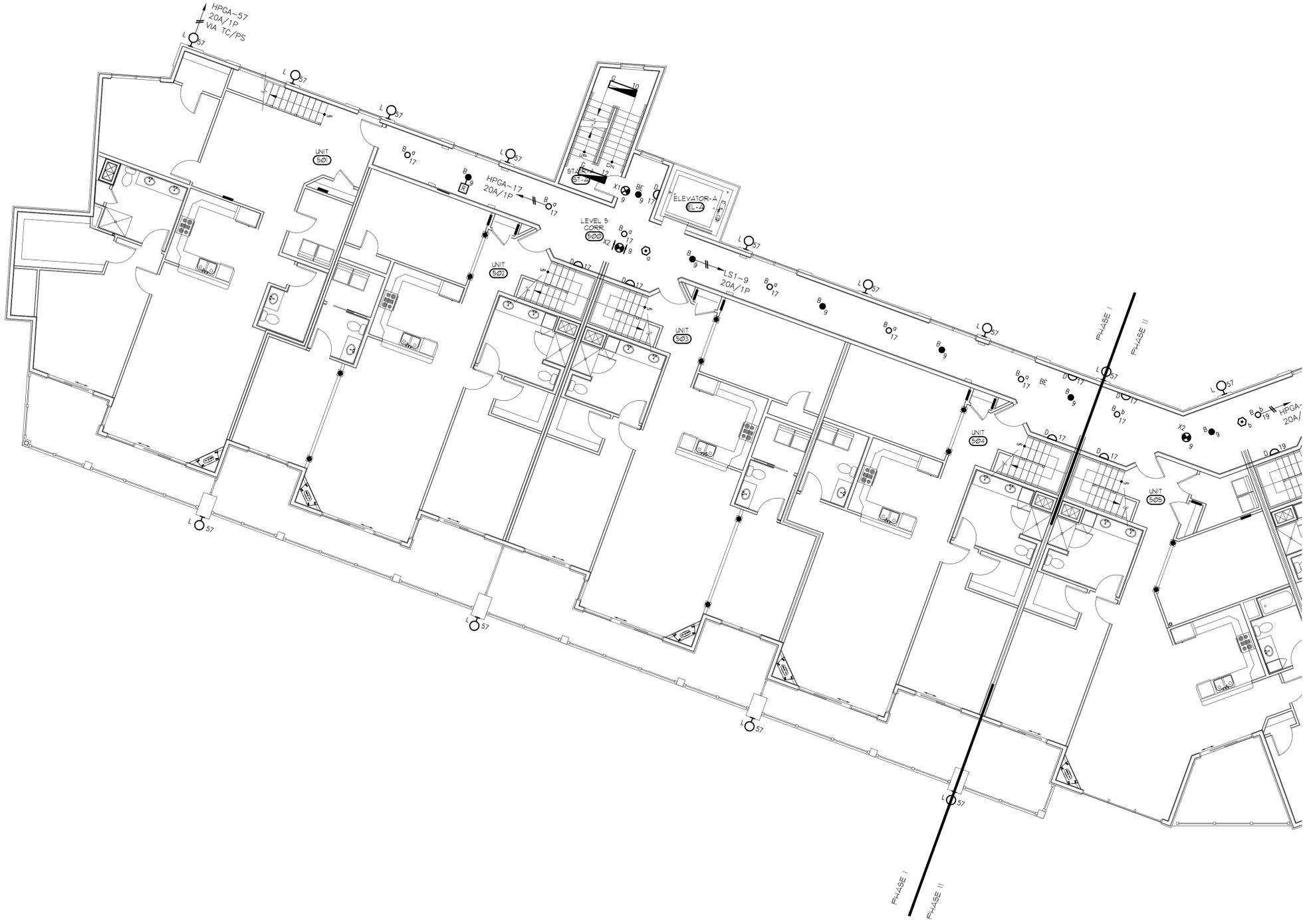
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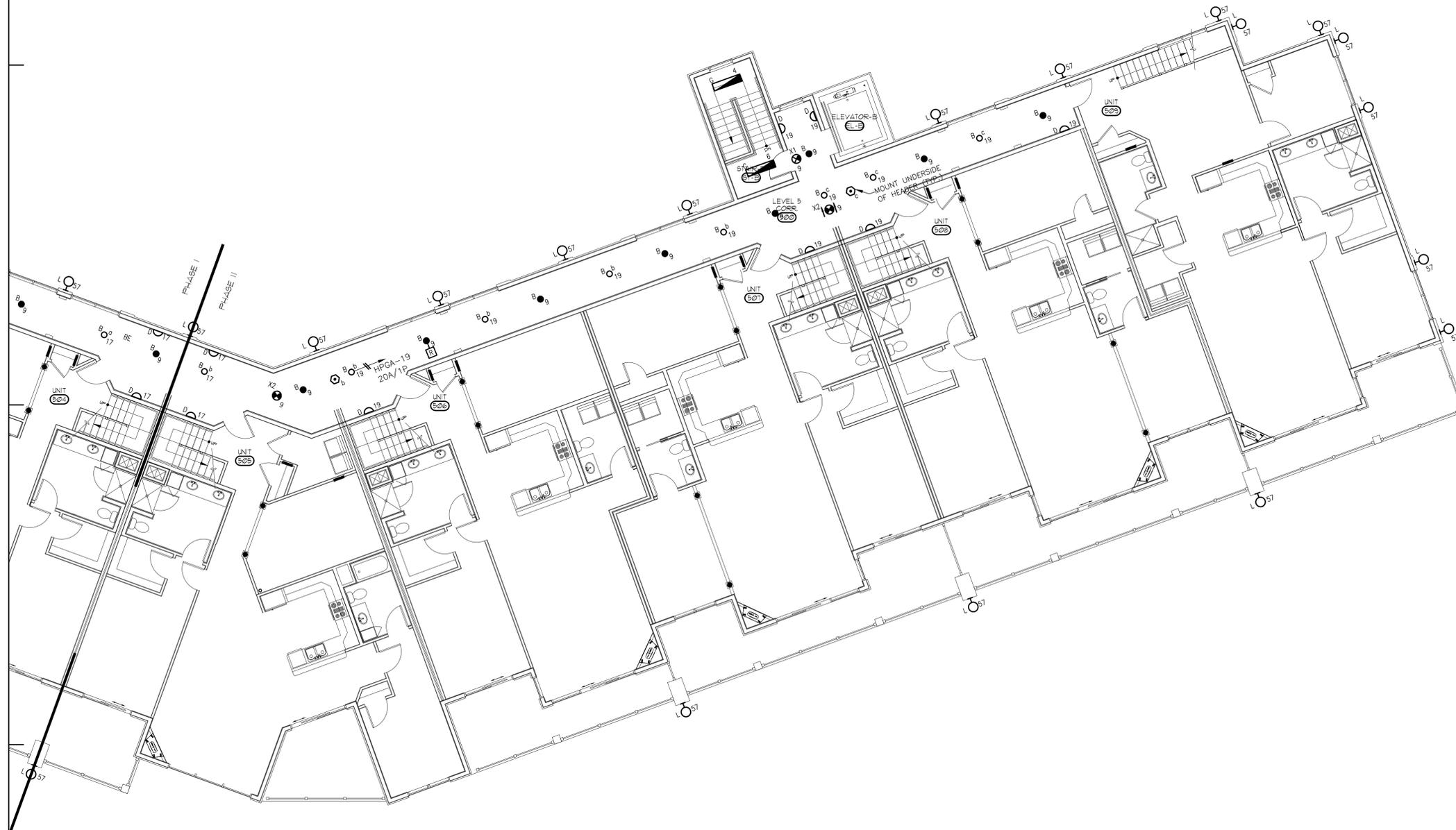
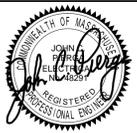
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E1.5A



ELECTRICAL - LEVEL 5 LIGHTING PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 5 LIGHTING PART PLAN "B"
SCALE: 1/8" = 1'-0"

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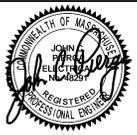
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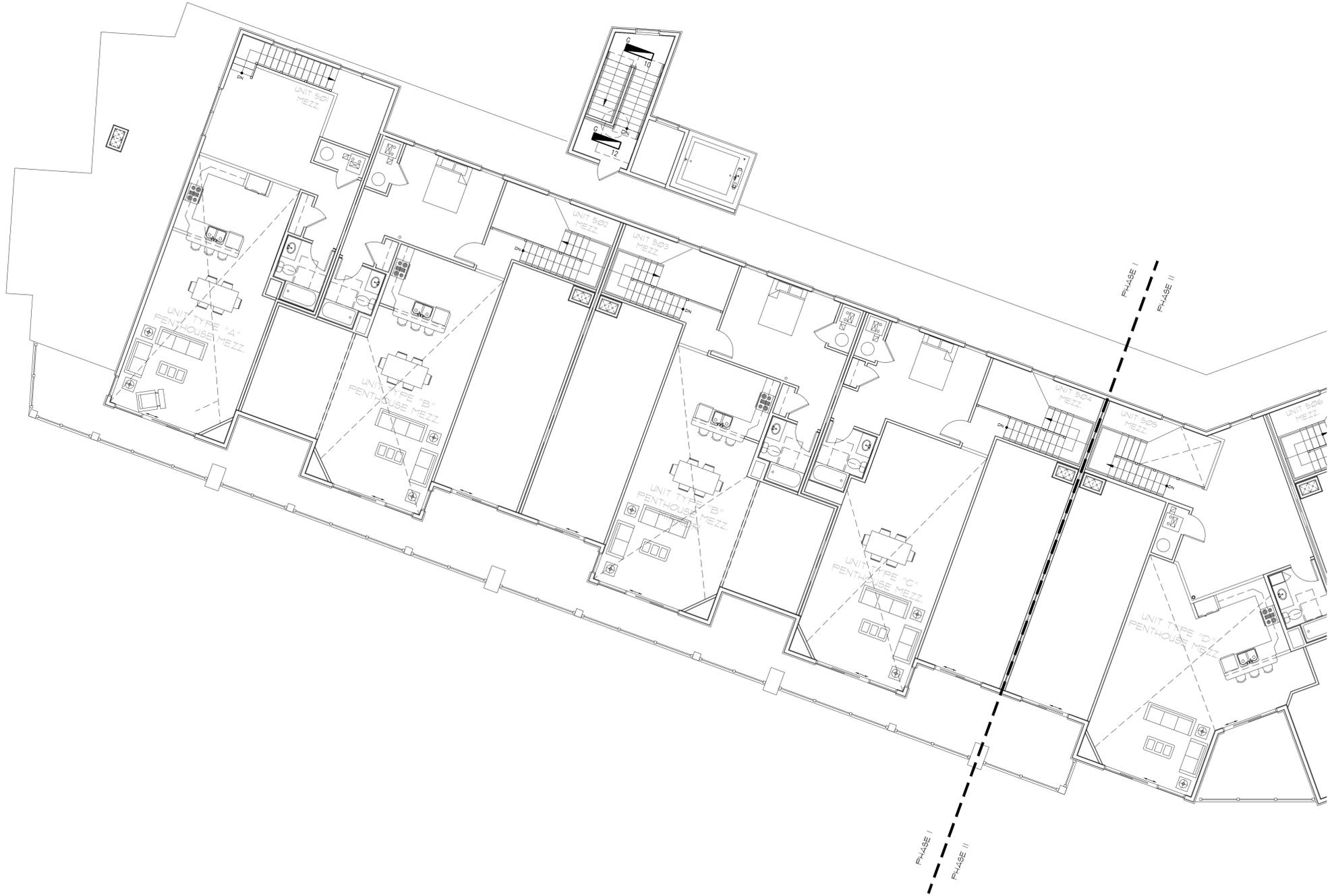
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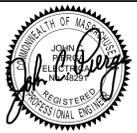
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E1.5M



1 ELECTRICAL - LEVEL 5M LIGHTING PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 5M LIGHTING PART PLAN "A"
SCALE: 1/8"=1'-0"

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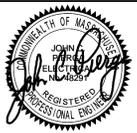
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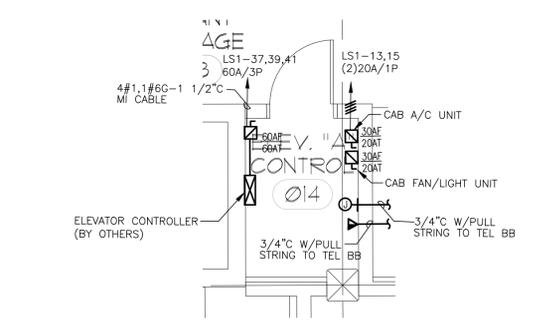
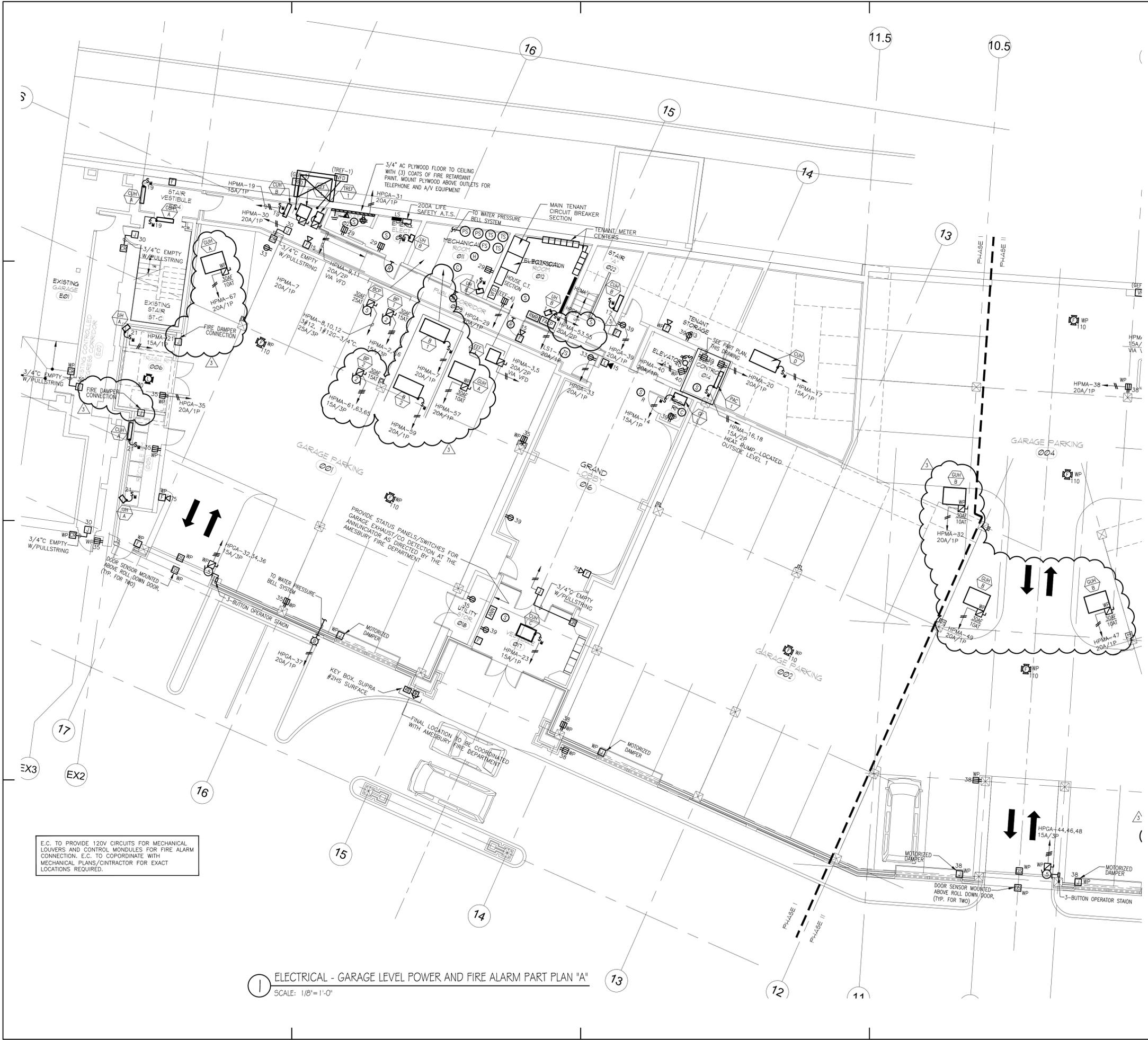


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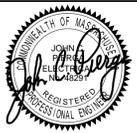
E2.0A



2 ELECTRICAL - ELEVATOR CONTROL ROOM PART PLAN
 SCALE: 1/4"=1'-0"

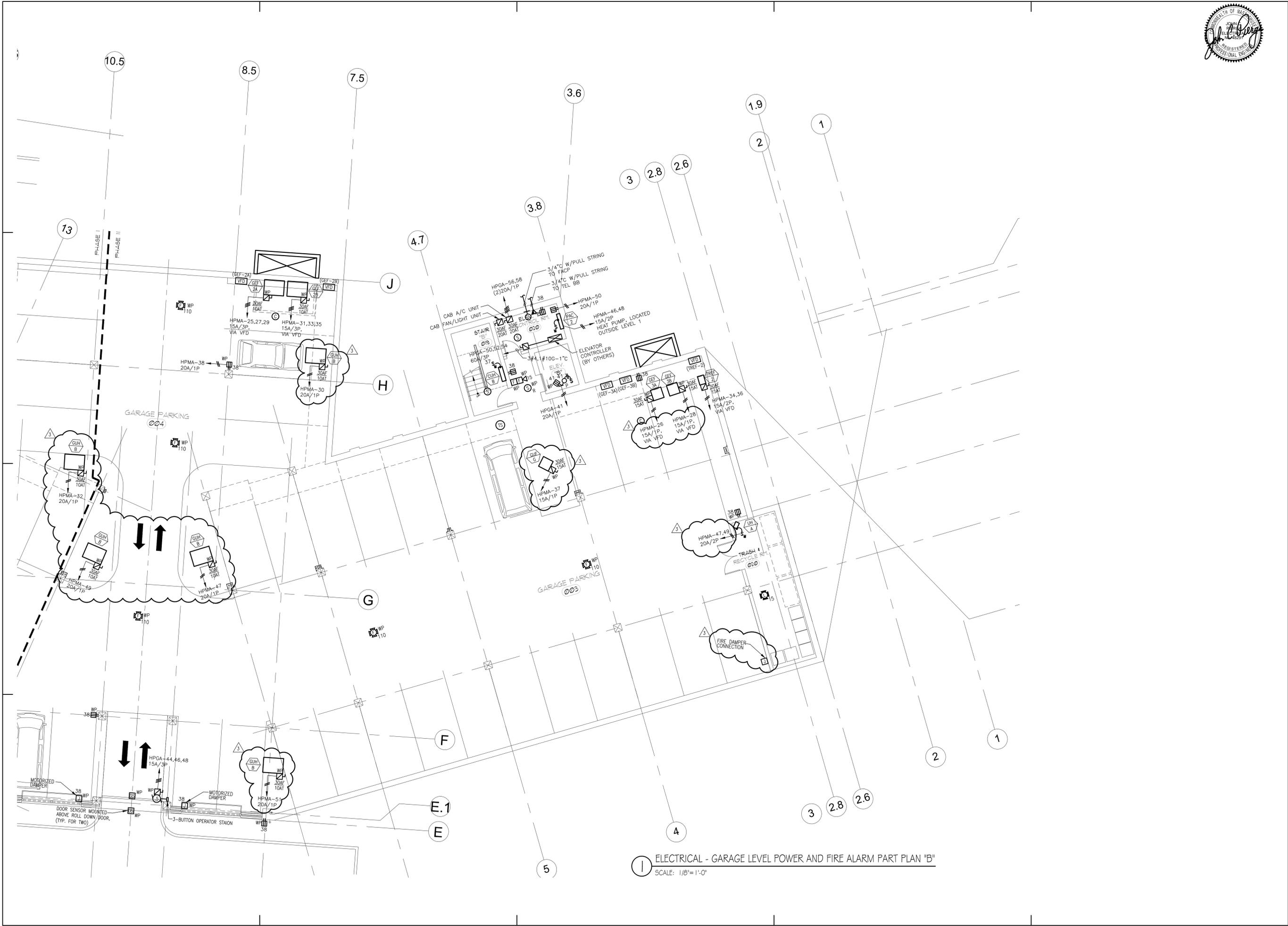
E.C. TO PROVIDE 120V CIRCUITS FOR MECHANICAL LOUVERS AND CONTROL MODULES FOR FIRE ALARM CONNECTION. E.C. TO COORDINATE WITH MECHANICAL PLANS/CONTRACTOR FOR EXACT LOCATIONS REQUIRED.

1 ELECTRICAL - GARAGE LEVEL POWER AND FIRE ALARM PART PLAN "A"
 SCALE: 1/8"=1'-0"

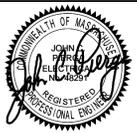


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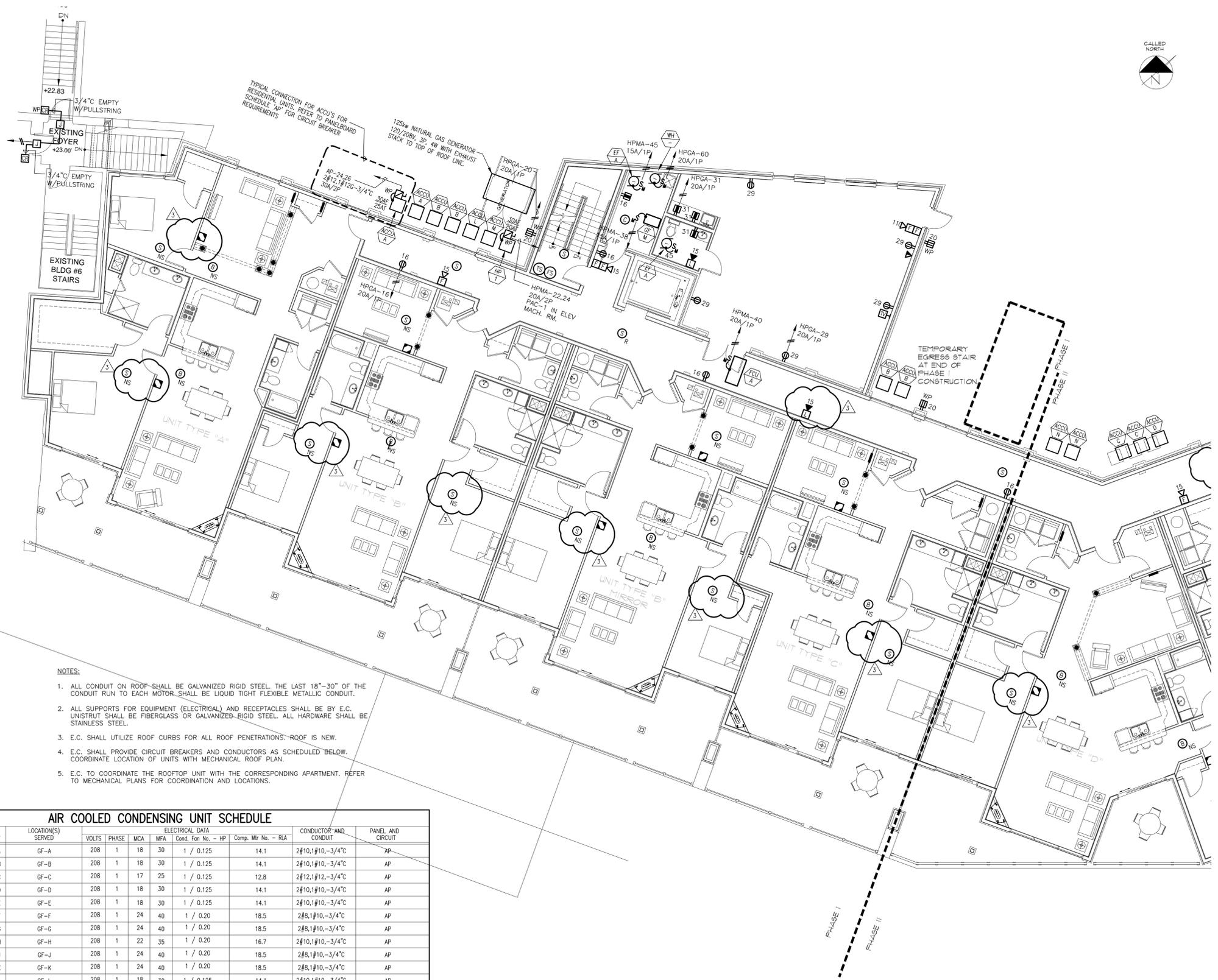
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 SCALE: 1/8" = 1'-0"



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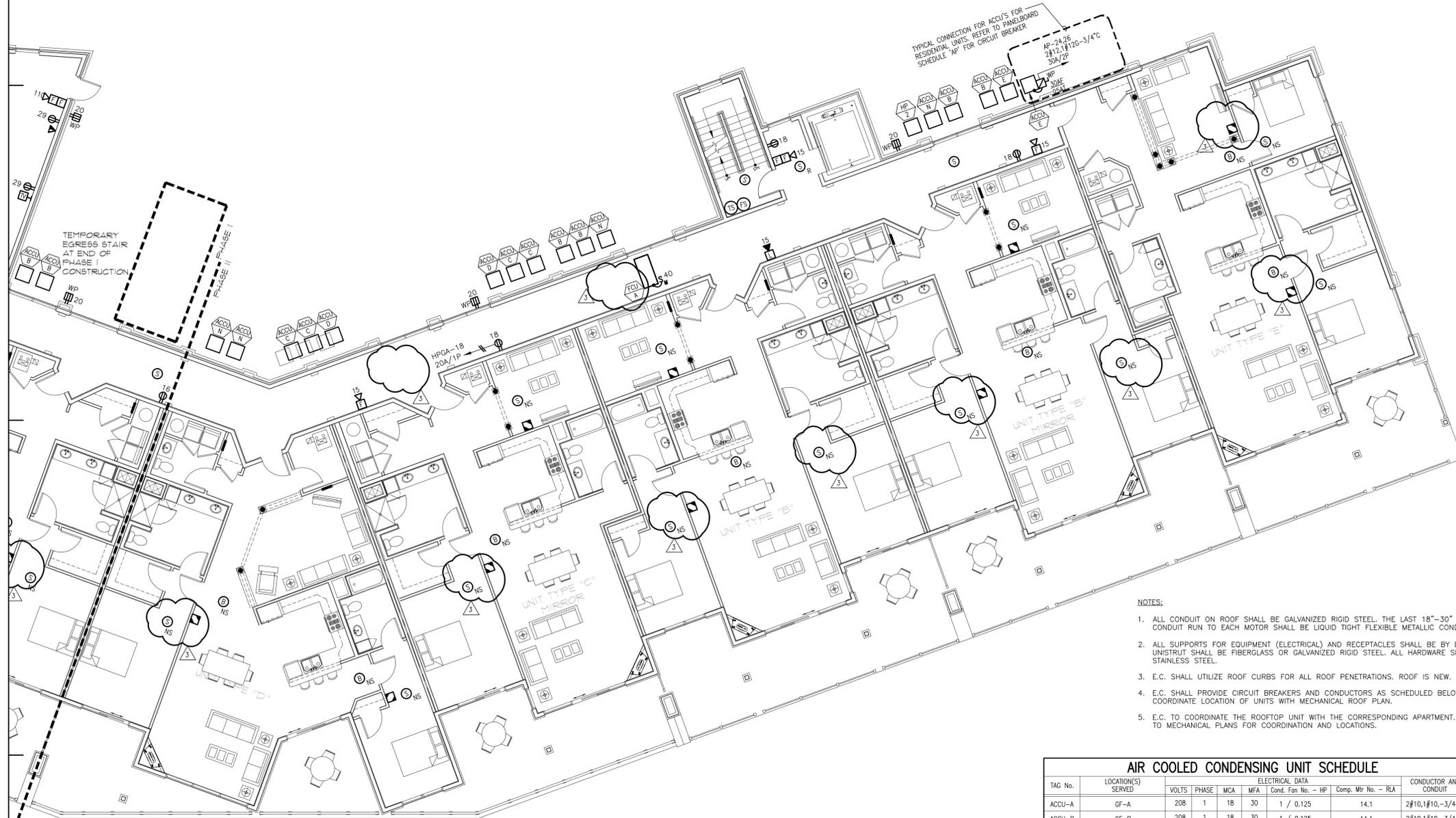
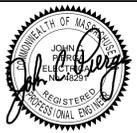
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- NOTES:**
- ALL CONDUIT ON ROOF SHALL BE GALVANIZED RIGID STEEL. THE LAST 18"-30" OF THE CONDUIT RUN TO EACH MOTOR SHALL BE LIQUID TIGHT FLEXIBLE METALLIC CONDUIT.
 - ALL SUPPORTS FOR EQUIPMENT (ELECTRICAL) AND RECEPTACLES SHALL BE BY E.C. UNISTRUT SHALL BE FIBERGLASS OR GALVANIZED-RIGID STEEL. ALL HARDWARE SHALL BE STAINLESS STEEL.
 - E.C. SHALL UTILIZE ROOF CURBS FOR ALL ROOF PENETRATIONS. ROOF IS NEW.
 - E.C. SHALL PROVIDE CIRCUIT BREAKERS AND CONDUCTORS AS SCHEDULED BELOW. COORDINATE LOCATION OF UNITS WITH MECHANICAL ROOF PLAN.
 - E.C. TO COORDINATE THE ROOFTOP UNIT WITH THE CORRESPONDING APARTMENT. REFER TO MECHANICAL PLANS FOR COORDINATION AND LOCATIONS.

TAG No.	LOCATION(S) SERVED	VOLTS	PHASE	MCA	ELECTRICAL DATA			CONDUCTOR AND CONDUIT	PANEL AND CIRCUIT
					MFA	Cond. Fan No. - HP	Comp. Mfr No. - RLA		
ACCU-A	GF-A	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-B	GF-B	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-C	GF-C	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4°C	AP
ACCU-D	GF-D	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-E	GF-E	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-F	GF-F	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-G	GF-G	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-H	GF-H	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4°C	AP
ACCU-J	GF-J	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-K	GF-K	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-L	GF-L	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-M	GF-M	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4°C	AP
ACCU-N	FCU-A	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4°C	AP

ELECTRICAL - LEVEL I POWER AND FIRE ALARM PART PLAN "A"
 SCALE: 1/8"=1'-0"



- NOTES:
1. ALL CONDUIT ON ROOF SHALL BE GALVANIZED RIGID STEEL. THE LAST 18"-30" OF THE CONDUIT RUN TO EACH MOTOR SHALL BE LIQUID TIGHT FLEXIBLE METALLIC CONDUIT.
 2. ALL SUPPORTS FOR EQUIPMENT (ELECTRICAL) AND RECEPTACLES SHALL BE BY E.C. UNISTRUT SHALL BE FIBERGLASS OR GALVANIZED RIGID STEEL. ALL HARDWARE SHALL BE STAINLESS STEEL.
 3. E.C. SHALL UTILIZE ROOF CURBS FOR ALL ROOF PENETRATIONS. ROOF IS NEW.
 4. E.C. SHALL PROVIDE CIRCUIT BREAKERS AND CONDUCTORS AS SCHEDULED BELOW. COORDINATE LOCATION OF UNITS WITH MECHANICAL ROOF PLAN.
 5. E.C. TO COORDINATE THE ROOFTOP UNIT WITH THE CORRESPONDING APARTMENT. REFER TO MECHANICAL PLANS FOR COORDINATION AND LOCATIONS.

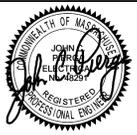
AIR COOLED CONDENSING UNIT SCHEDULE										
TAG No.	LOCATION(S) SERVED	VOLTS	PHASE	MCA	ELECTRICAL DATA				CONDUCTOR AND CONDUIT	PANEL AND CIRCUIT
					MFA	Cond. Fan No. - HP	Comp. Mtr No. - RLA	RLA		
ACCU-A	GF-A	208	1	18	30	1 / 0.125		14.1	2#10,1#10,-3/4"C	AP
ACCU-B	GF-B	208	1	18	30	1 / 0.125		14.1	2#10,1#10,-3/4"C	AP
ACCU-C	GF-C	208	1	17	25	1 / 0.125		12.8	2#12,1#12,-3/4"C	AP
ACCU-D	GF-D	208	1	18	30	1 / 0.125		14.1	2#10,1#10,-3/4"C	AP
ACCU-E	GF-E	208	1	18	30	1 / 0.125		14.1	2#10,1#10,-3/4"C	AP
ACCU-F	GF-F	208	1	24	40	1 / 0.20		18.5	2#8,1#10,-3/4"C	AP
ACCU-G	GF-G	208	1	24	40	1 / 0.20		18.5	2#8,1#10,-3/4"C	AP
ACCU-H	GF-H	208	1	22	35	1 / 0.20		16.7	2#10,1#10,-3/4"C	AP
ACCU-J	GF-J	208	1	24	40	1 / 0.20		18.5	2#8,1#10,-3/4"C	AP
ACCU-K	GF-K	208	1	24	40	1 / 0.20		18.5	2#8,1#10,-3/4"C	AP
ACCU-L	GF-L	208	1	18	30	1 / 0.125		14.1	2#10,1#10,-3/4"C	AP
ACCU-M	GF-M	208	1	22	35	1 / 0.20		16.7	2#10,1#10,-3/4"C	AP
ACCU-N	FCU-A	208	1	17	25	1 / 0.125		12.8	2#12,1#12,-3/4"C	AP

1 ELECTRICAL - LEVEL 1 POWER AND FIRE ALARM PART PLAN "B"
SCALE: 1/8"=1'-0"

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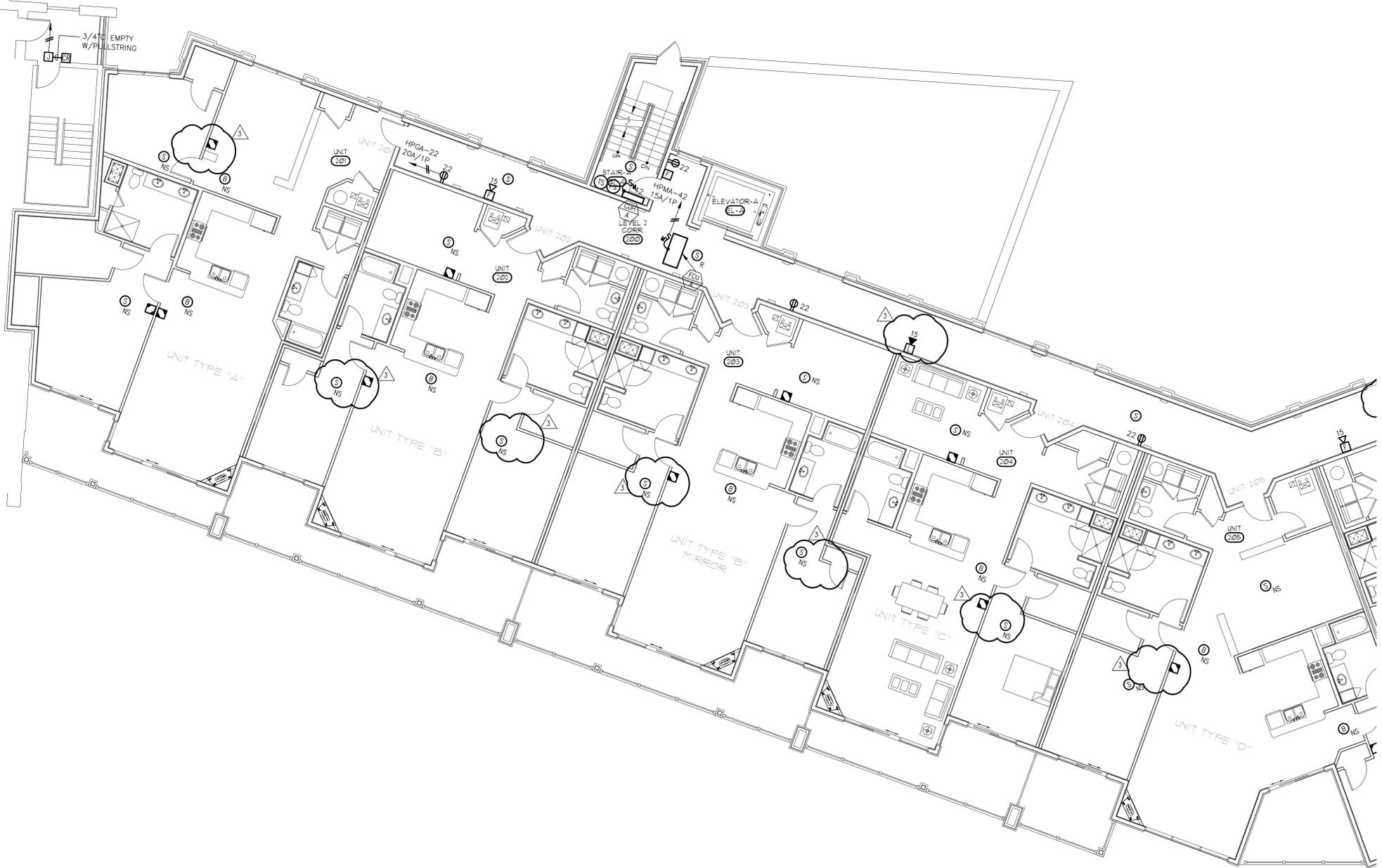
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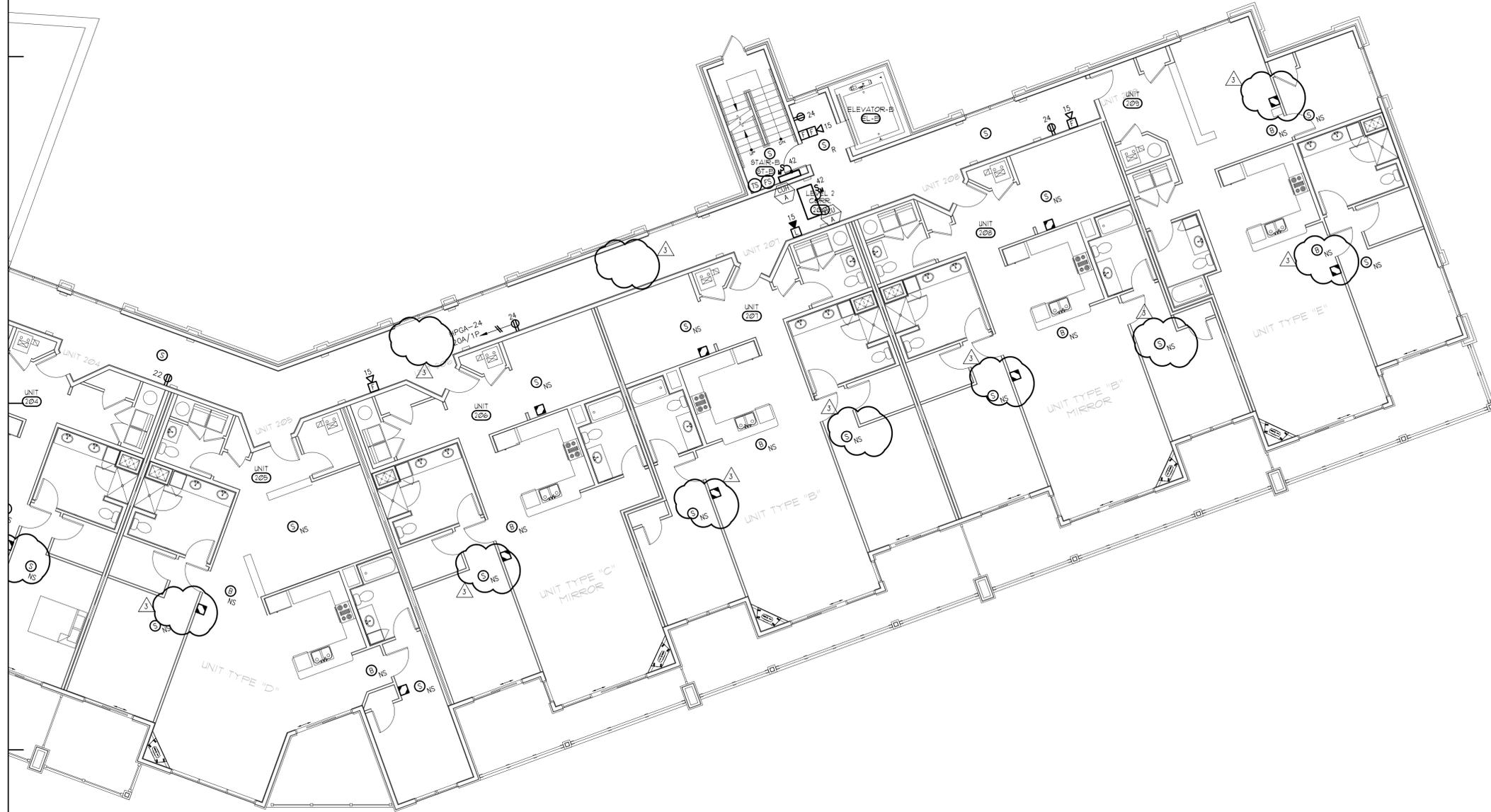
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E2.2A



1 ELECTRICAL - LEVEL 2 POWER AND FIRE ALARM PART PLAN "B"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 2 POWER AND FIRE ALARM PART PLAN "A"
SCALE: 1/8" = 1'-0"

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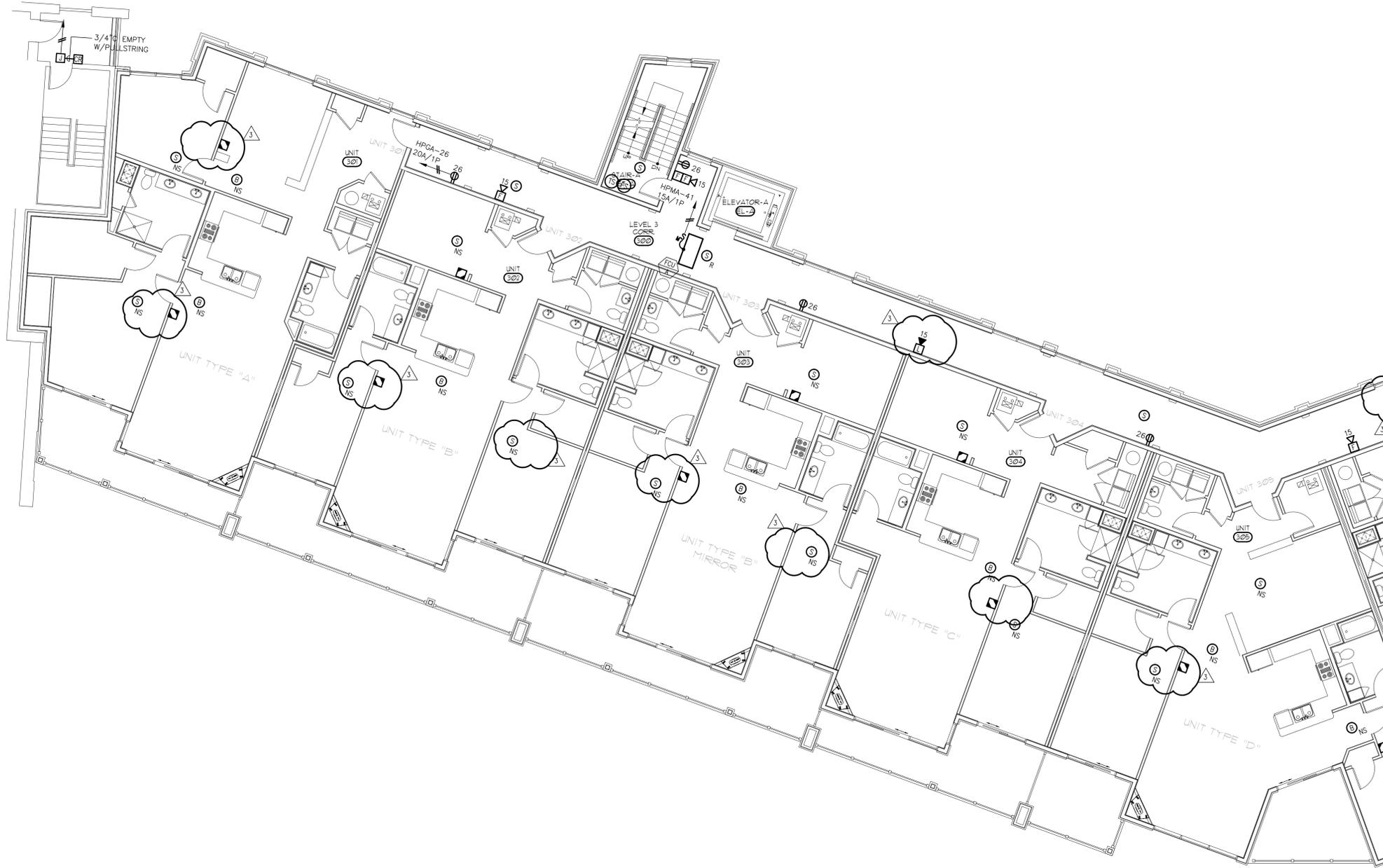
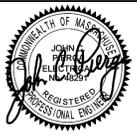
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E2.2B



1 ELECTRICAL - LEVEL 3 POWER AND FIRE ALARM PART PLAN "A"
SCALE: 1/8"=1'-0"

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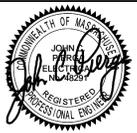
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E2.3A



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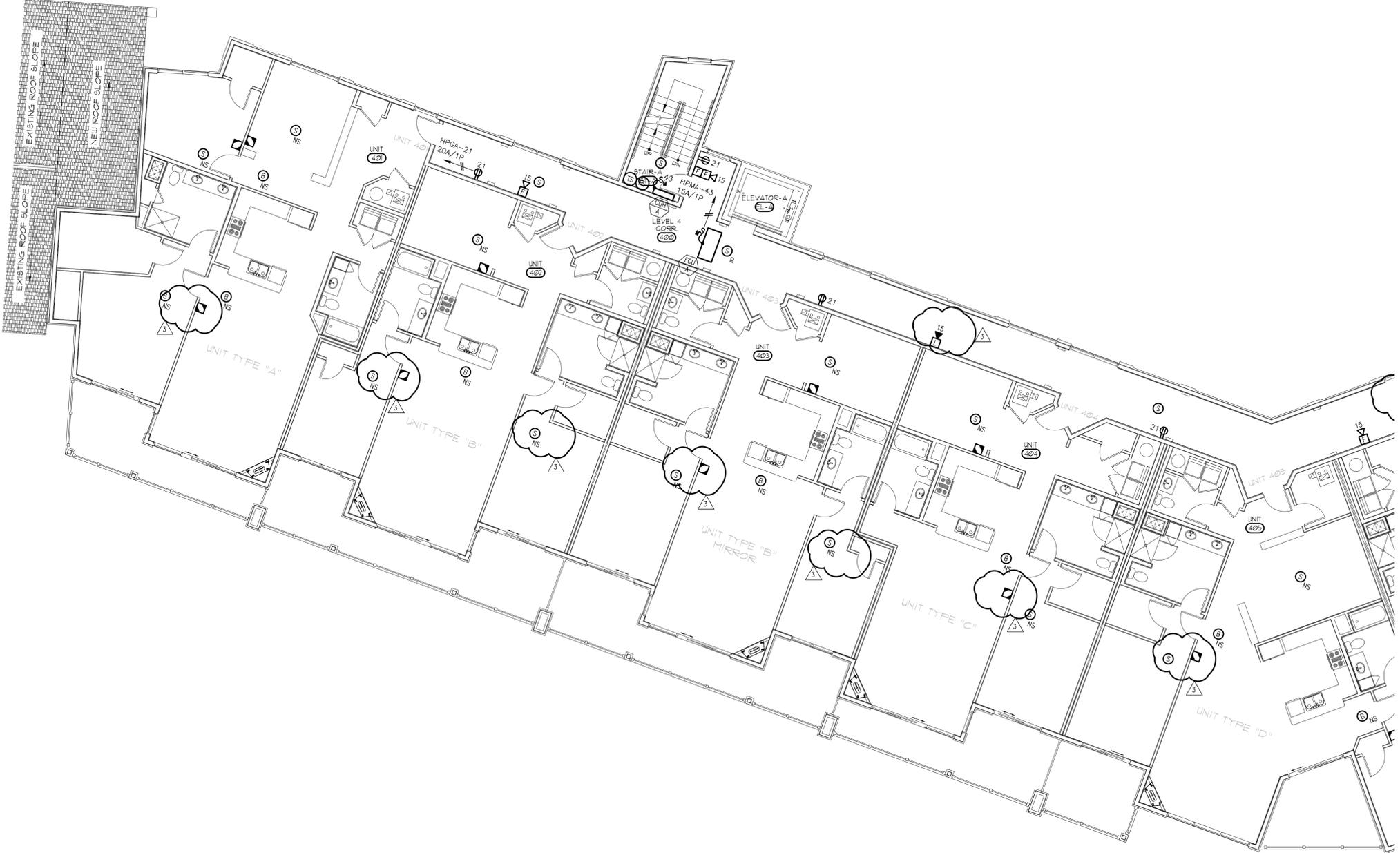
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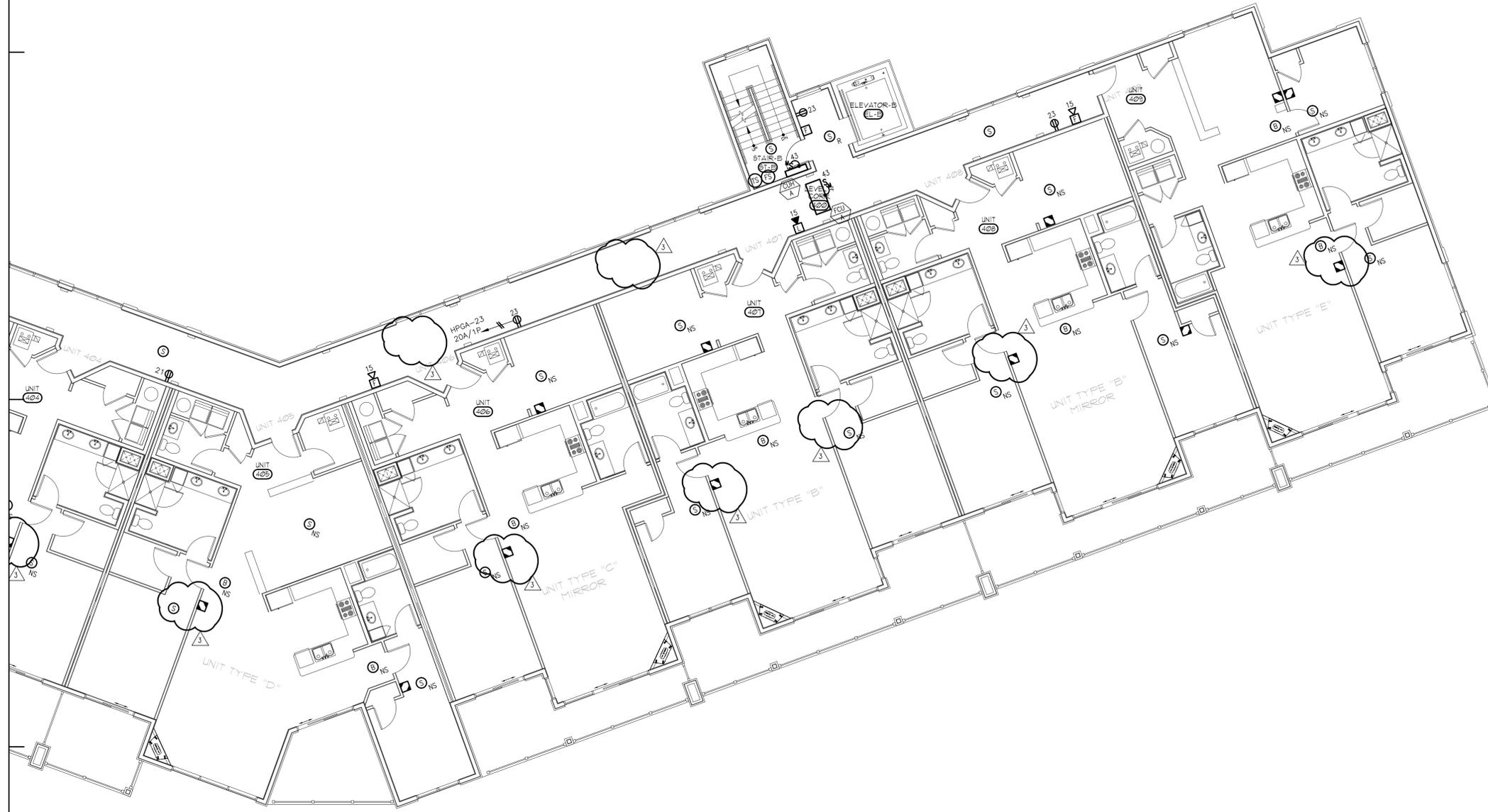
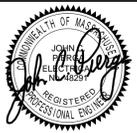
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E2.4A



1 ELECTRICAL - LEVEL 4 POWER AND FIRE ALARM PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 4 POWER AND FIRE ALARM PART PLAN "B"
SCALE: 1/8"=1'-0"

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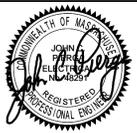
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E2.4B



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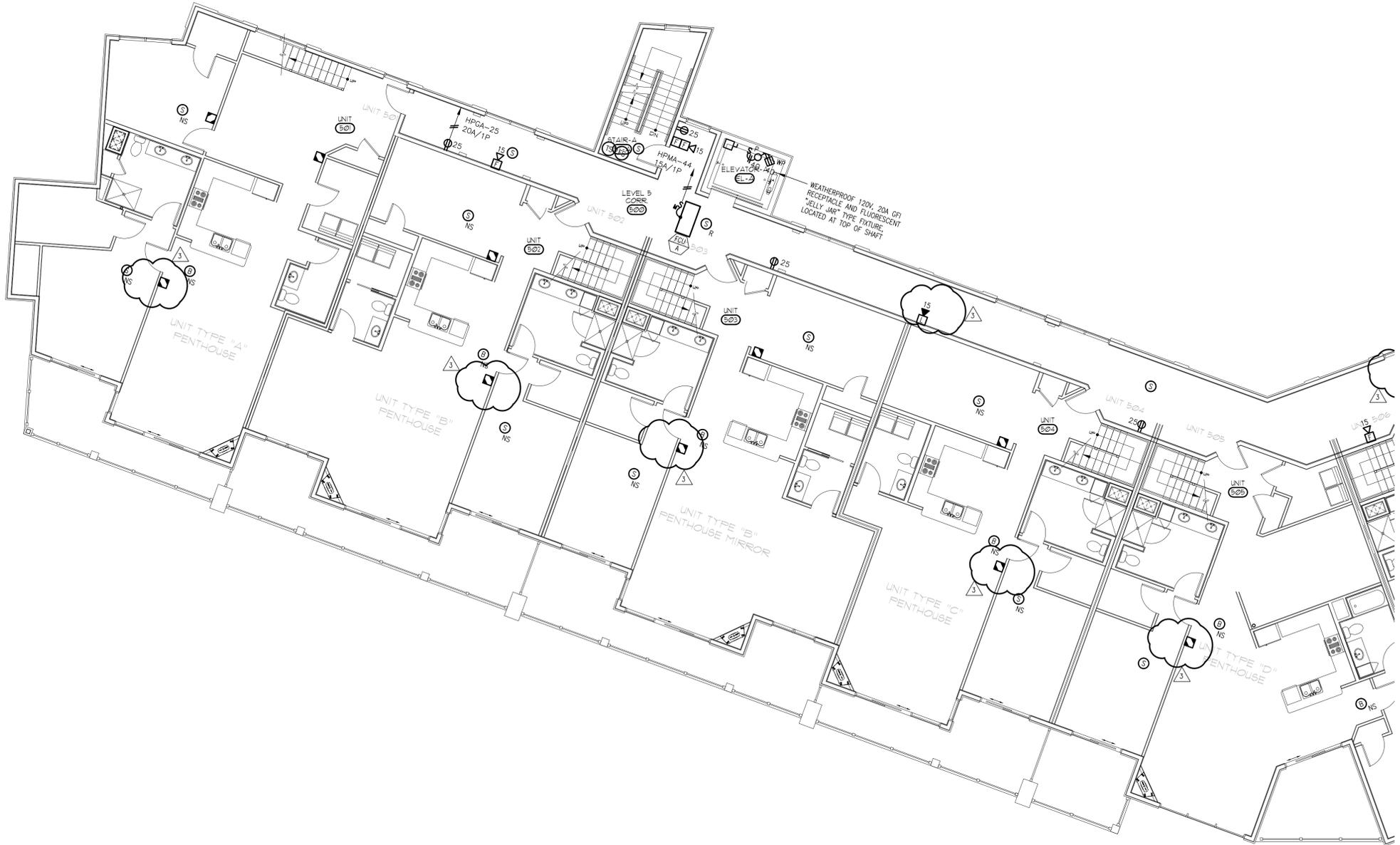
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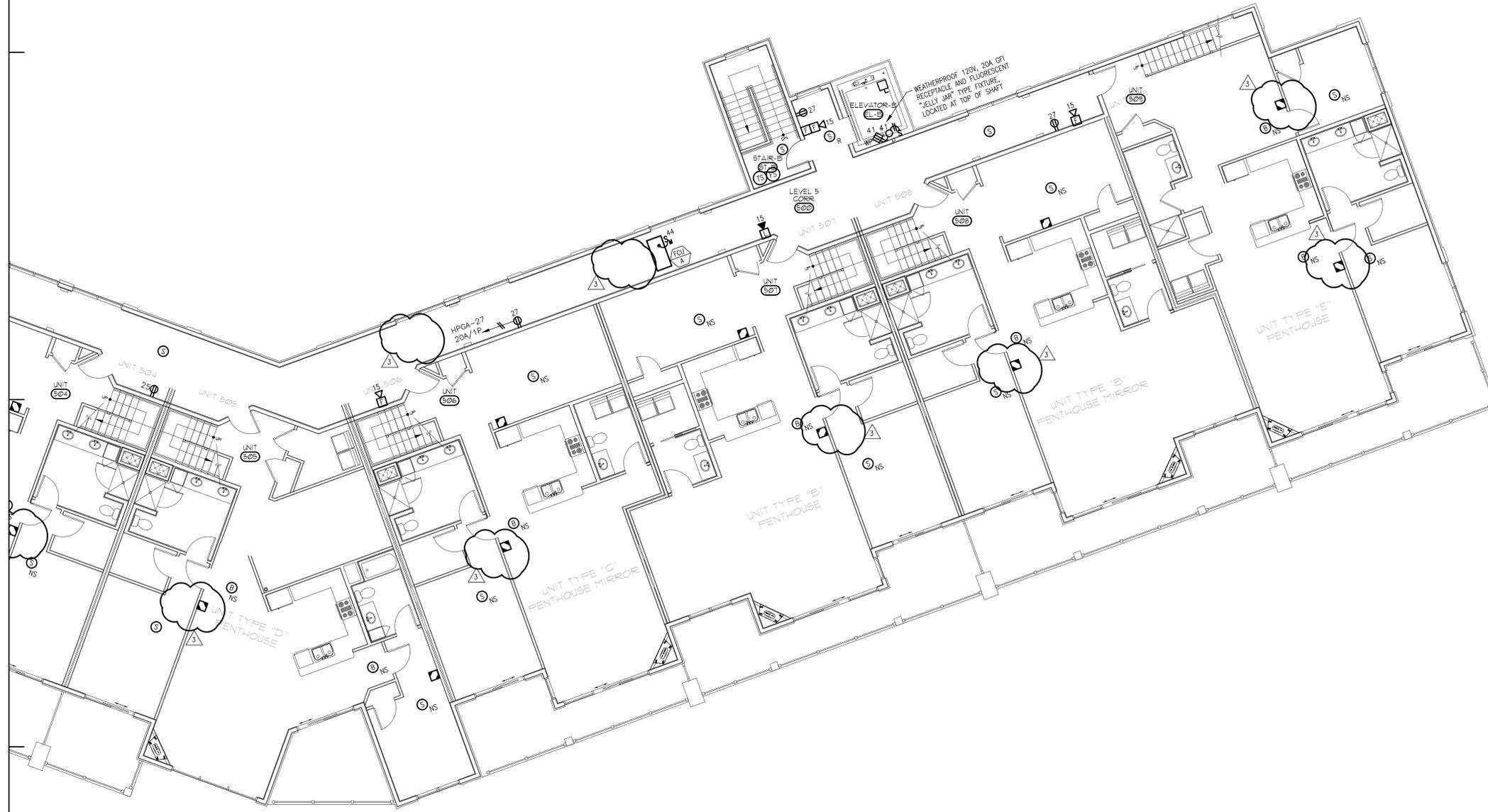
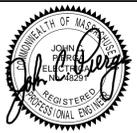
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E2.5A



1 ELECTRICAL - LEVEL 5 POWER AND FIRE ALARM PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 5 POWER AND FIRE ALARM PART PLAN "A"
SCALE: 1/8"=1'-0"

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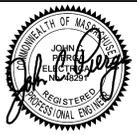
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E2.5B



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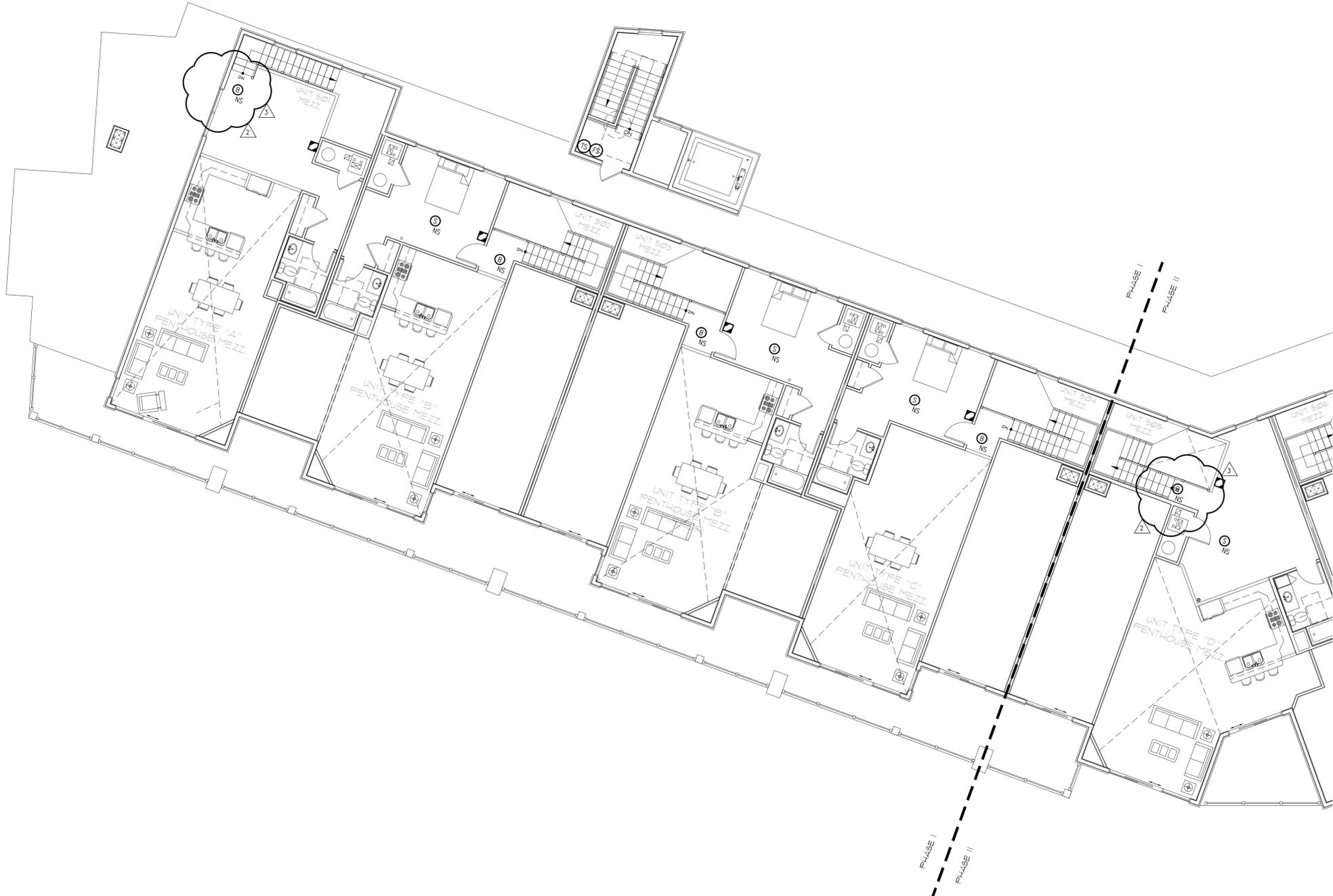
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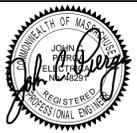
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E2.5MA



1 ELECTRICAL - LEVEL 5M POWER AND FIRE ALARM PART PLAN "A"
 SCALE: 1/8"=1'-0"



1 ELECTRICAL - LEVEL 5M POWER AND FIRE ALARM PART PLAN "B"
SCALE: 1/8"=1'-0"

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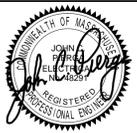
AMESBURY, MA

Prepared for: HATTERS POINT CAPITAL LLC.
Location: PO BOX 1044 SUDBURY, MA 01776
Title: ELECTRICAL
LEVEL-5M, PART-PLAN "B"

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1	Revision #3 - 01.15.16
2	ICC Review Comments
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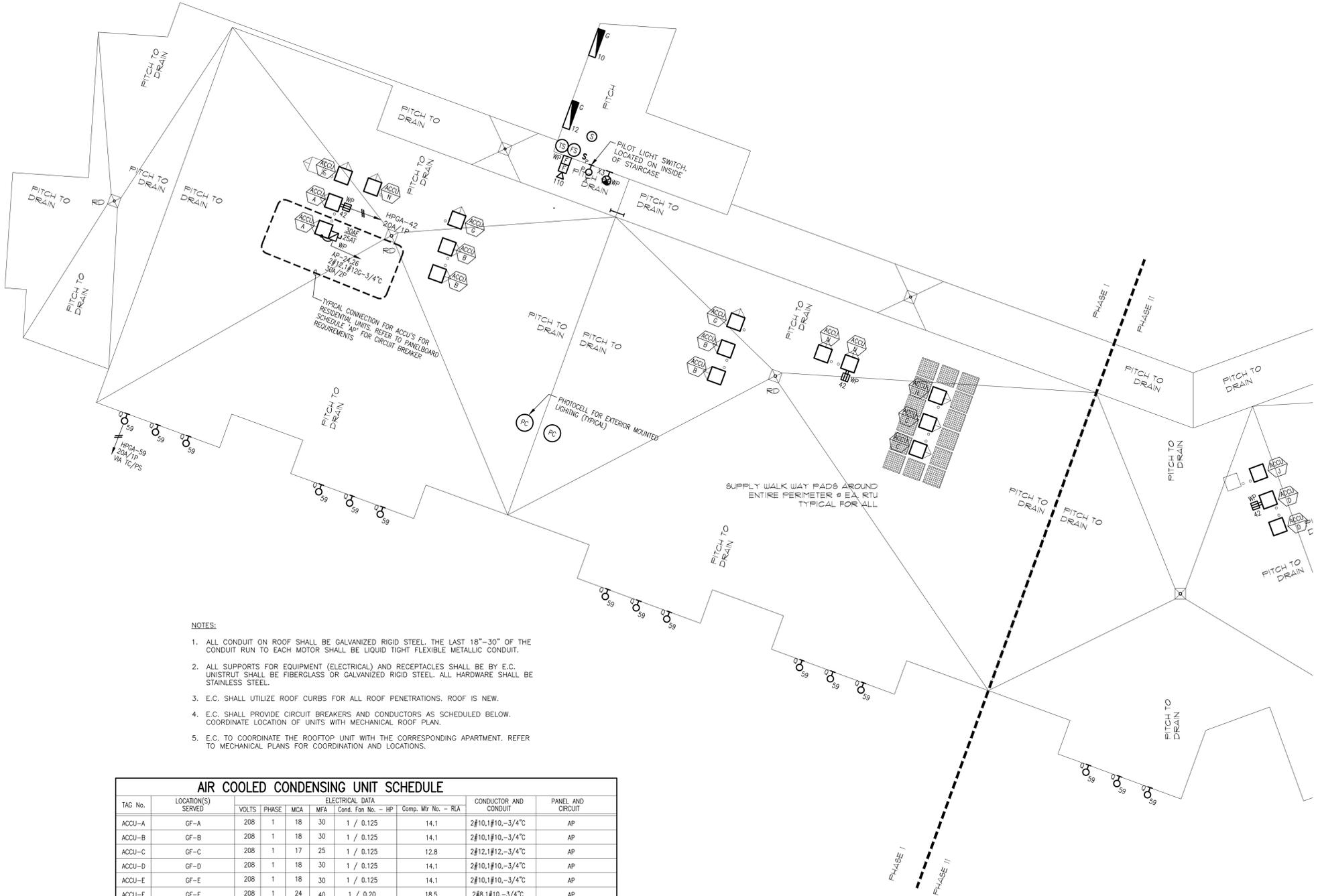
E2.5MB



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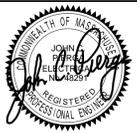
Scale: **AS NOTED**
 Job No.: **2394**
 Sheet No.: _____



- NOTES:**
1. ALL CONDUIT ON ROOF SHALL BE GALVANIZED RIGID STEEL. THE LAST 18"-30" OF THE CONDUIT RUN TO EACH MOTOR SHALL BE LIQUID TIGHT FLEXIBLE METALLIC CONDUIT.
 2. ALL SUPPORTS FOR EQUIPMENT (ELECTRICAL) AND RECEPTACLES SHALL BE BY E.C. UNISTRUT SHALL BE FIBERGLASS OR GALVANIZED RIGID STEEL. ALL HARDWARE SHALL BE STAINLESS STEEL.
 3. E.C. SHALL UTILIZE ROOF CURBS FOR ALL ROOF PENETRATIONS. ROOF IS NEW.
 4. E.C. SHALL PROVIDE CIRCUIT BREAKERS AND CONDUCTORS AS SCHEDULED BELOW. COORDINATE LOCATION OF UNITS WITH MECHANICAL ROOF PLAN.
 5. E.C. TO COORDINATE THE ROOFTOP UNIT WITH THE CORRESPONDING APARTMENT. REFER TO MECHANICAL PLANS FOR COORDINATION AND LOCATIONS.

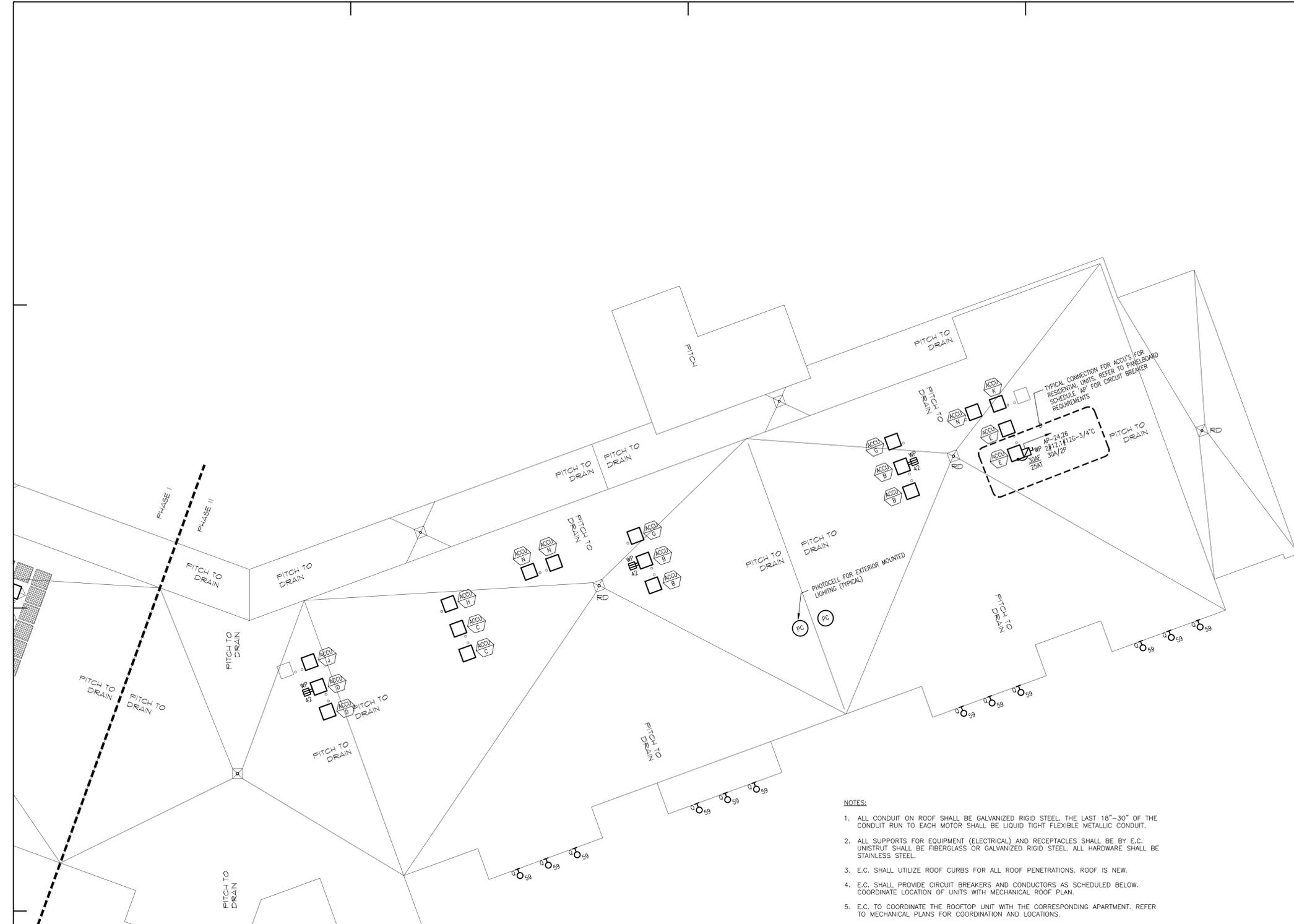
AIR COOLED CONDENSING UNIT SCHEDULE									
TAG No.	LOCATION(S) SERVED	ELECTRICAL DATA				CONDUCTOR AND CONDUIT		PANEL AND CIRCUIT	
		VOLTS	PHASE	MCA	MFA	Cond. Fan No. - HP	Comp. Mfr No. - RLA		
ACCU-A	GF-A	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4"	AP
ACCU-B	GF-B	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4"	AP
ACCU-C	GF-C	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4"	AP
ACCU-D	GF-D	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4"	AP
ACCU-E	GF-E	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4"	AP
ACCU-F	GF-F	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4"	AP
ACCU-G	GF-G	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4"	AP
ACCU-H	GF-H	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4"	AP
ACCU-J	GF-J	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4"	AP
ACCU-K	GF-K	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4"	AP
ACCU-L	GF-L	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4"	AP
ACCU-M	GF-M	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4"	AP
ACCU-N	FCU-A	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4"	AP

ELECTRICAL - ROOF PART PLAN "A"
 SCALE: 1/8" = 1'-0"



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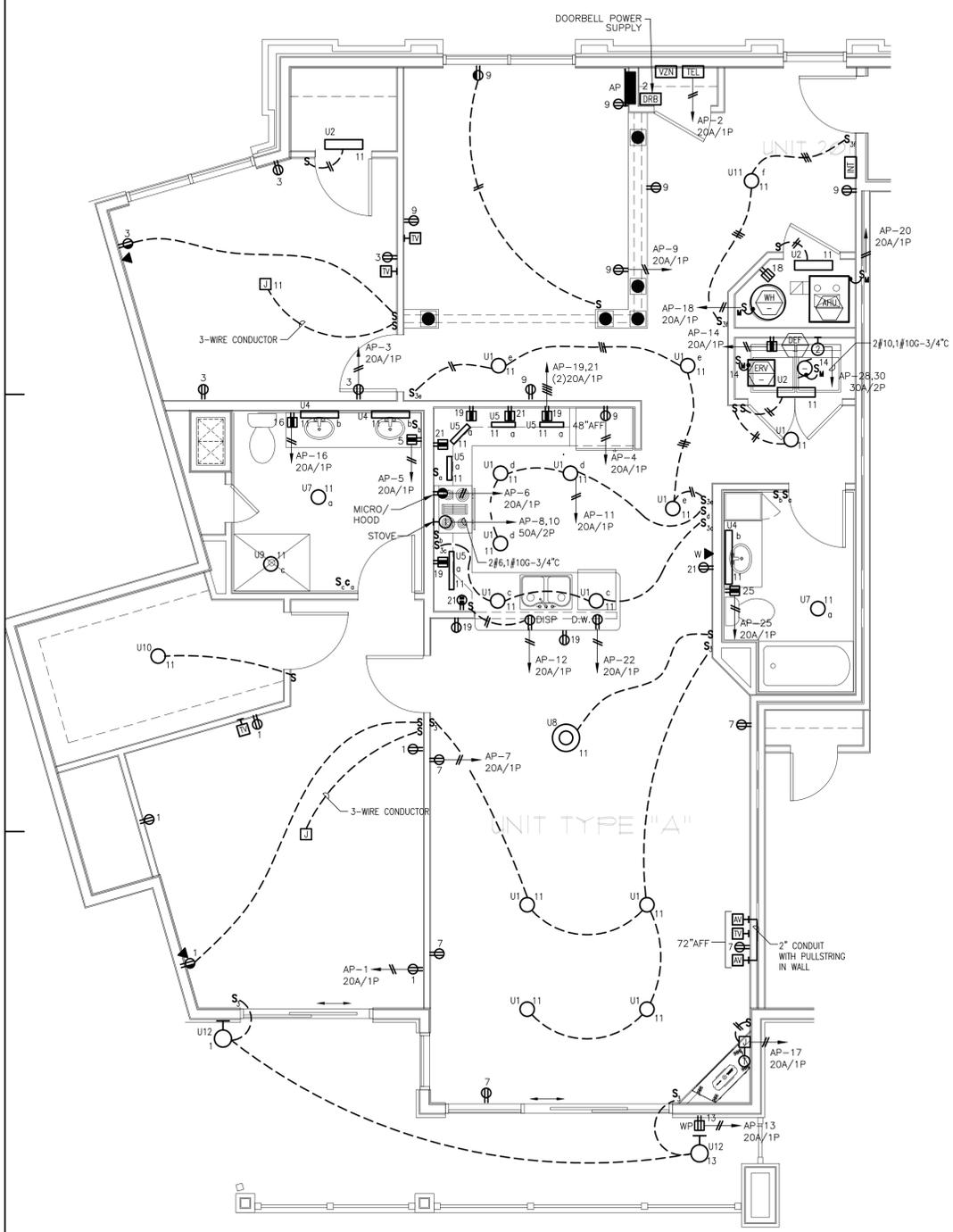
TAG No.	LOCATION(S) SERVED	ELECTRICAL DATA						CONDUCTOR AND CONDUIT	PANEL AND CIRCUIT
		VOLTS	PHASE	MCA	MFA	Cond. Form No. - HP	Comp. Mtr No. - RLA		
ACCU-A	GF-A	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-B	GF-B	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-C	GF-C	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4°C	AP
ACCU-D	GF-D	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-E	GF-E	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-F	GF-F	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-G	GF-G	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-H	GF-H	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4°C	AP
ACCU-J	GF-J	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-K	GF-K	208	1	24	40	1 / 0.20	18.5	2#8,1#10,-3/4°C	AP
ACCU-L	GF-L	208	1	18	30	1 / 0.125	14.1	2#10,1#10,-3/4°C	AP
ACCU-M	GF-M	208	1	22	35	1 / 0.20	16.7	2#10,1#10,-3/4°C	AP
ACCU-N	FCU-A	208	1	17	25	1 / 0.125	12.8	2#12,1#12,-3/4°C	AP

ELECTRICAL - ROOF PART PLAN "B"
 SCALE: 1/8" = 1'-0"



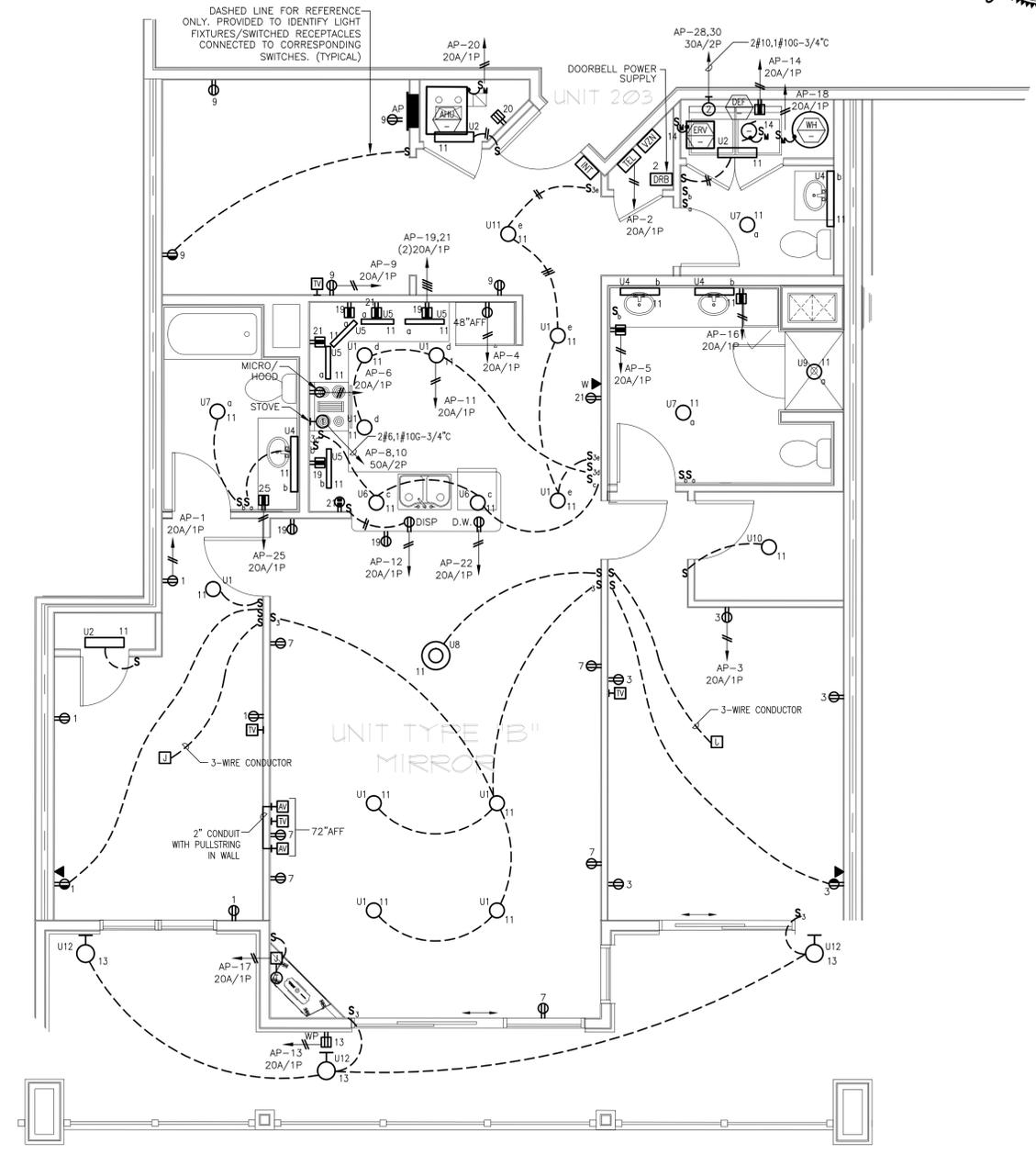
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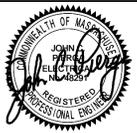


1 ELECTRICAL - Unit Type "A" - Part Plan
 SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES:
 1. EC TO PROVIDE A TWO SPEED FAN FOR EACH BATHROOM. REFER TO DRAWING E0.07 DETAIL 3 FOR ADDITIONAL INFORMATION.



2 ELECTRICAL - Unit Type "B" - Part Plan
 SCALE: 1/4" = 1'-0"

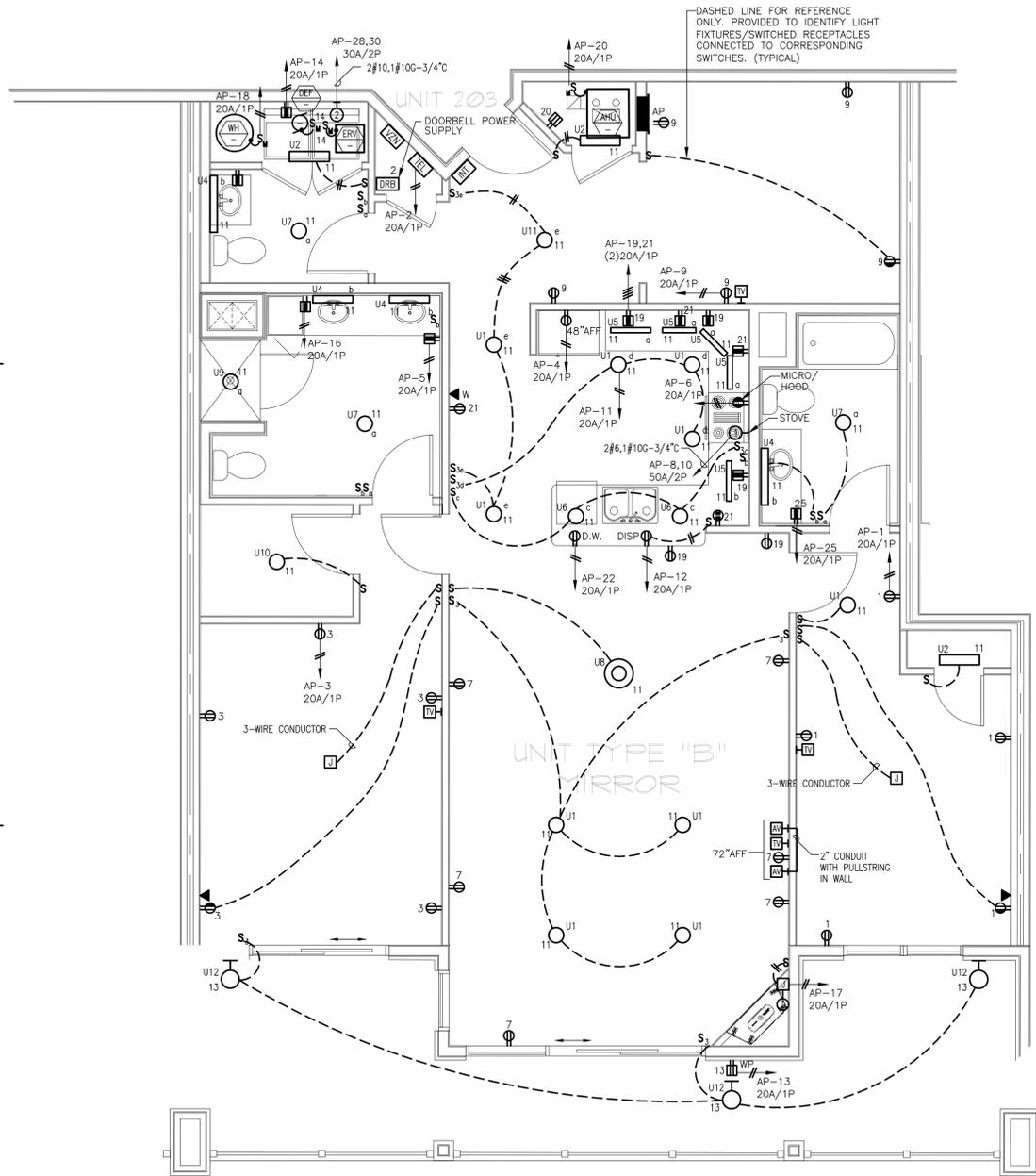


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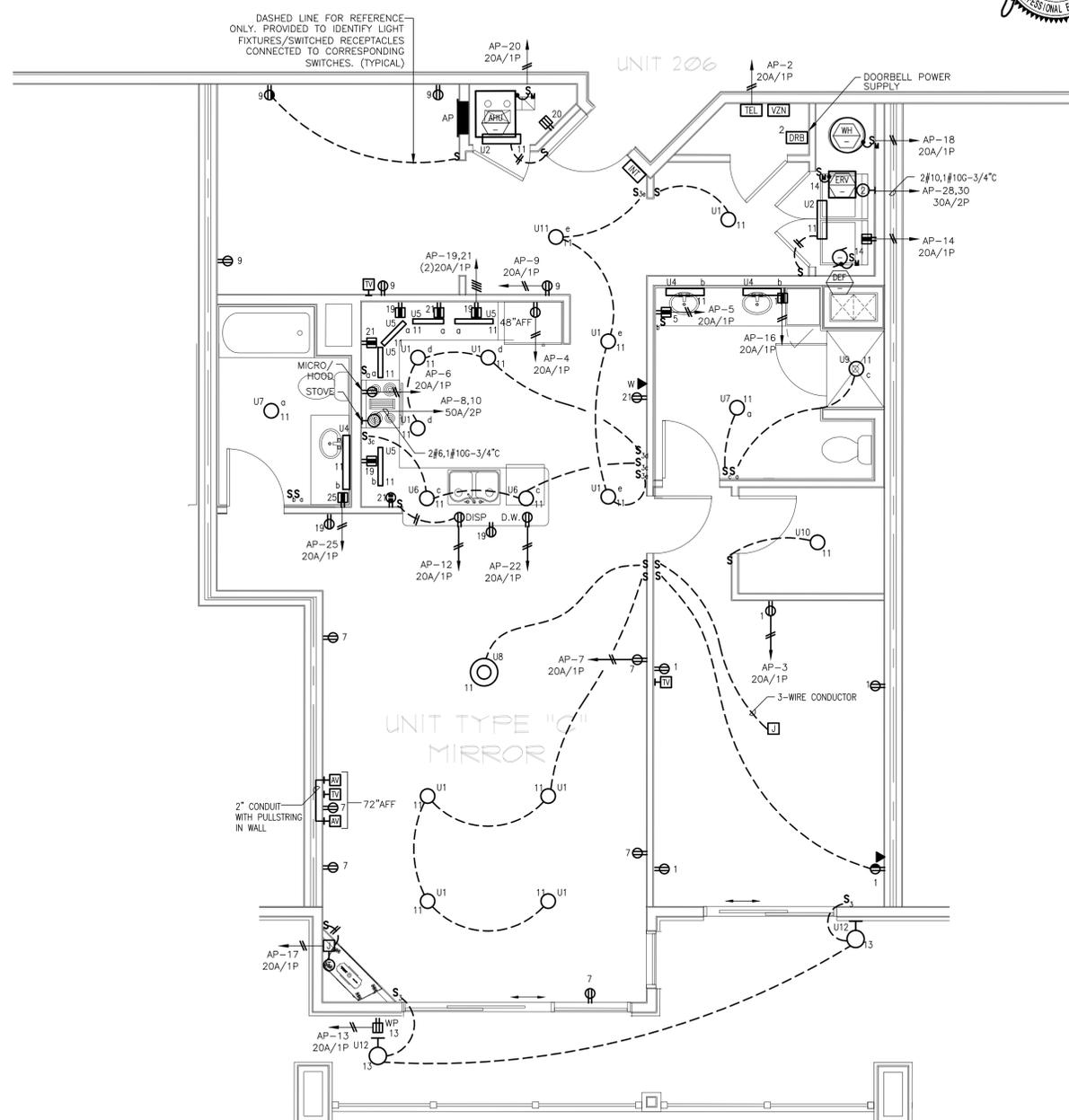
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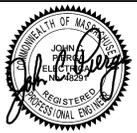
1 ELECTRICAL - Unit Type "B" Mirror - Part Plan
SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES:

1. EC TO PROVIDE A TWO SPEED FAN FOR EACH BATHROOM. REFER TO DRAWING E0.07 DETAIL 3 FOR ADDITIONAL INFORMATION.



2 ELECTRICAL - Unit Type "C" - Part Plan
SCALE: 1/4" = 1'-0"

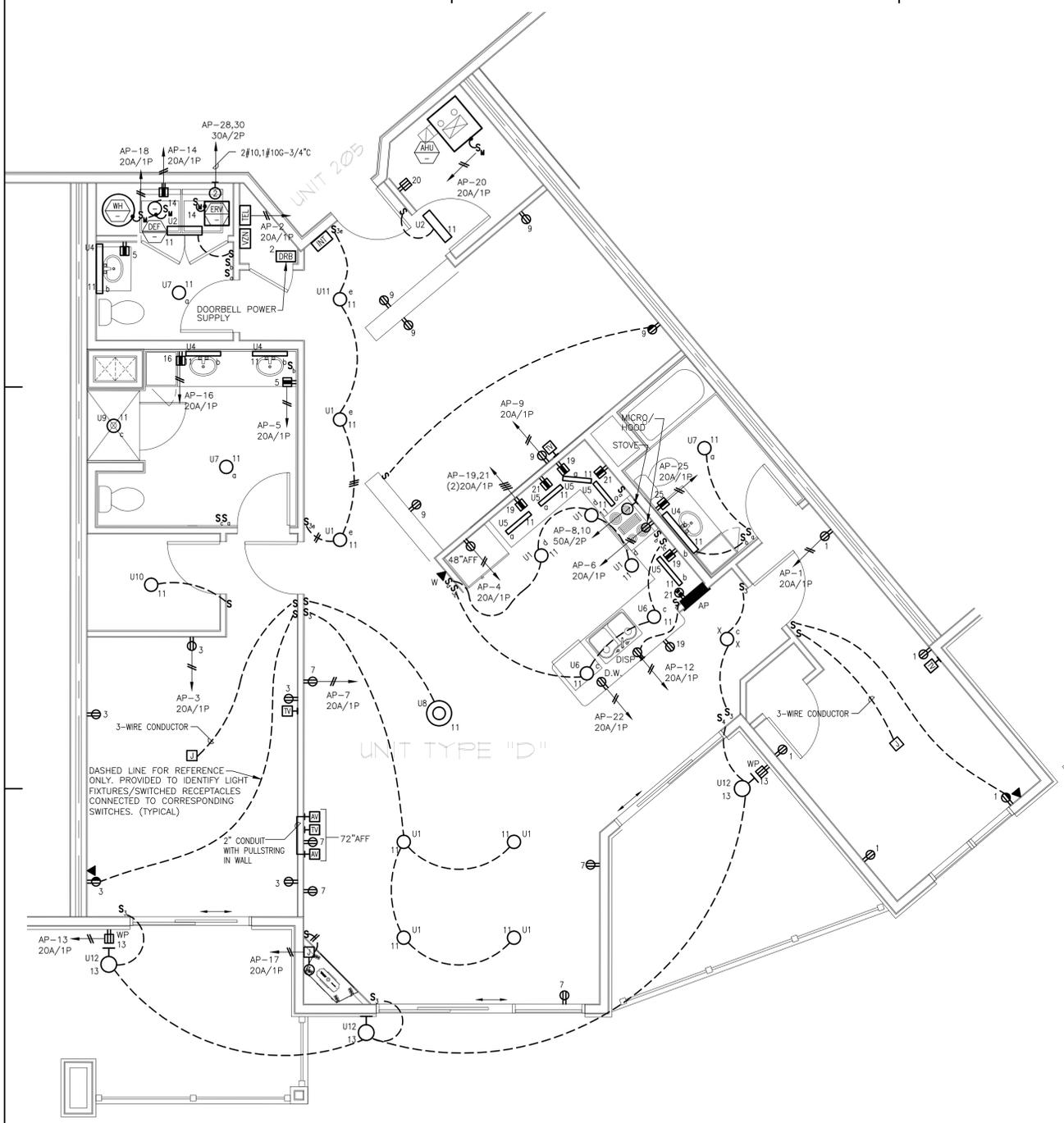


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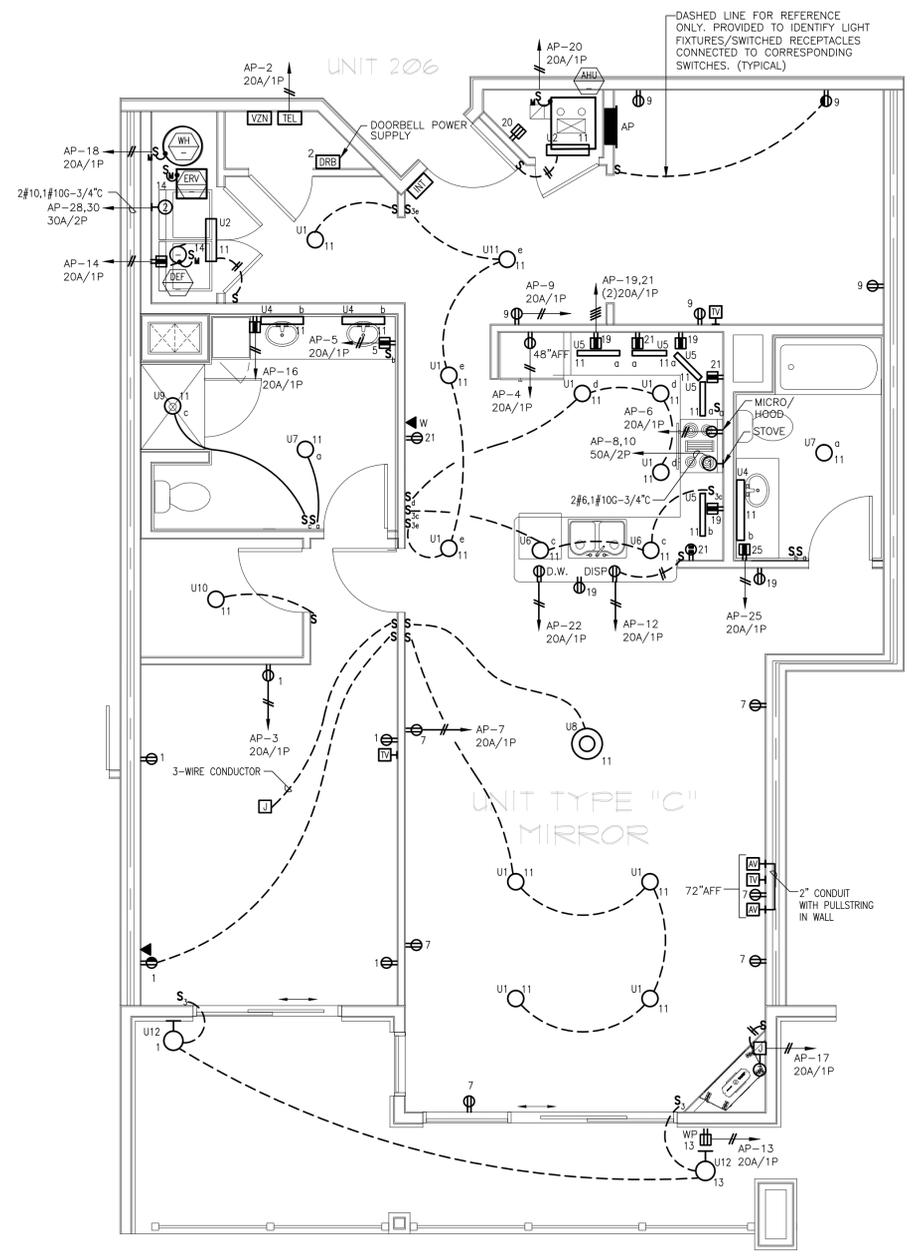
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E3.3

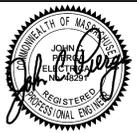


1 ELECTRICAL - Unit Type "D" - Part Plan
SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES:
1. EC TO PROVIDE A TWO SPEED FAN FOR EACH BATHROOM. REFER TO DRAWING E0.07 DETAIL 3 FOR ADDITIONAL INFORMATION.



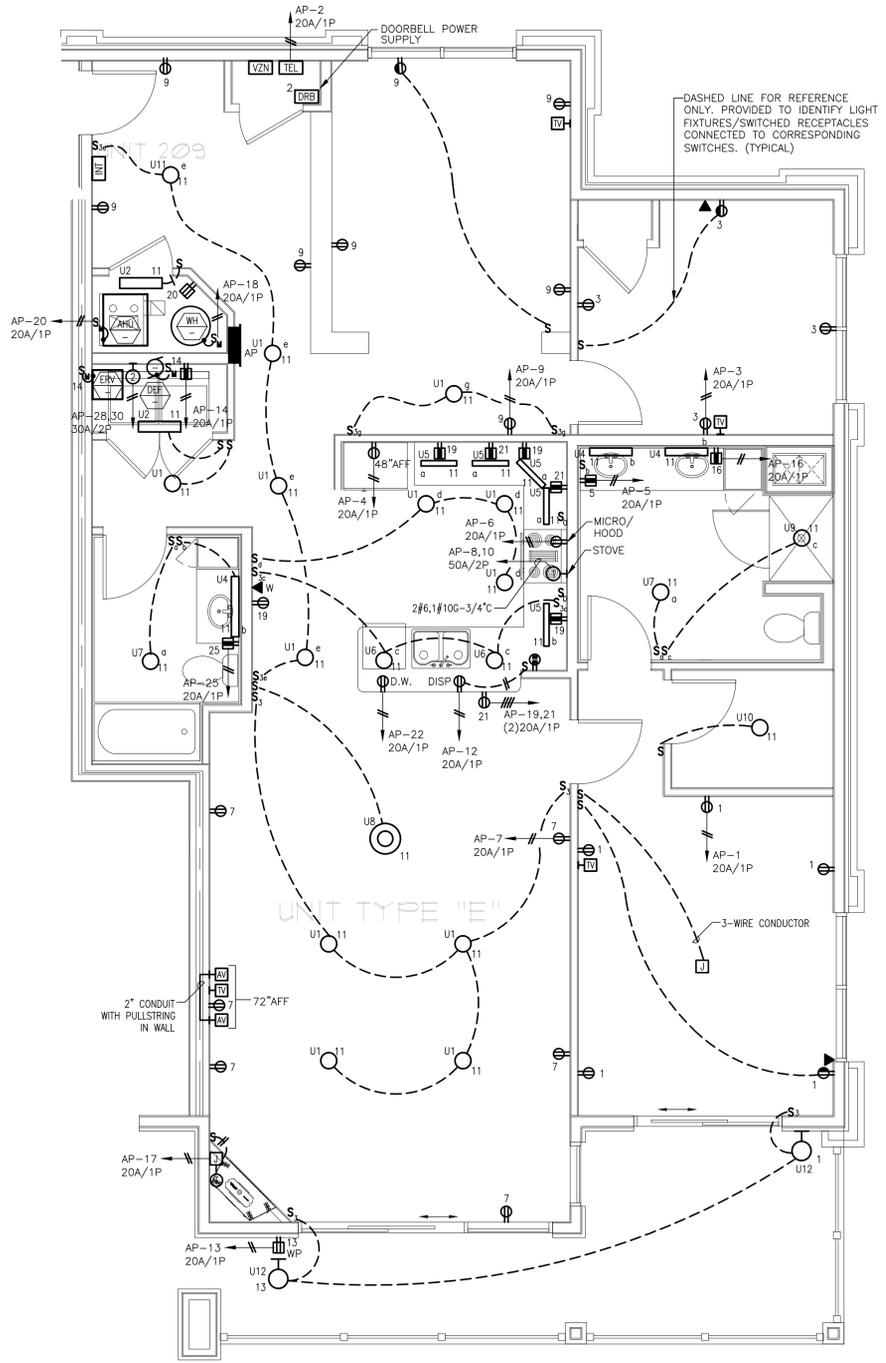
2 ELECTRICAL - Unit Type "C" Mirror - Part Plan
SCALE: 1/4" = 1'-0"



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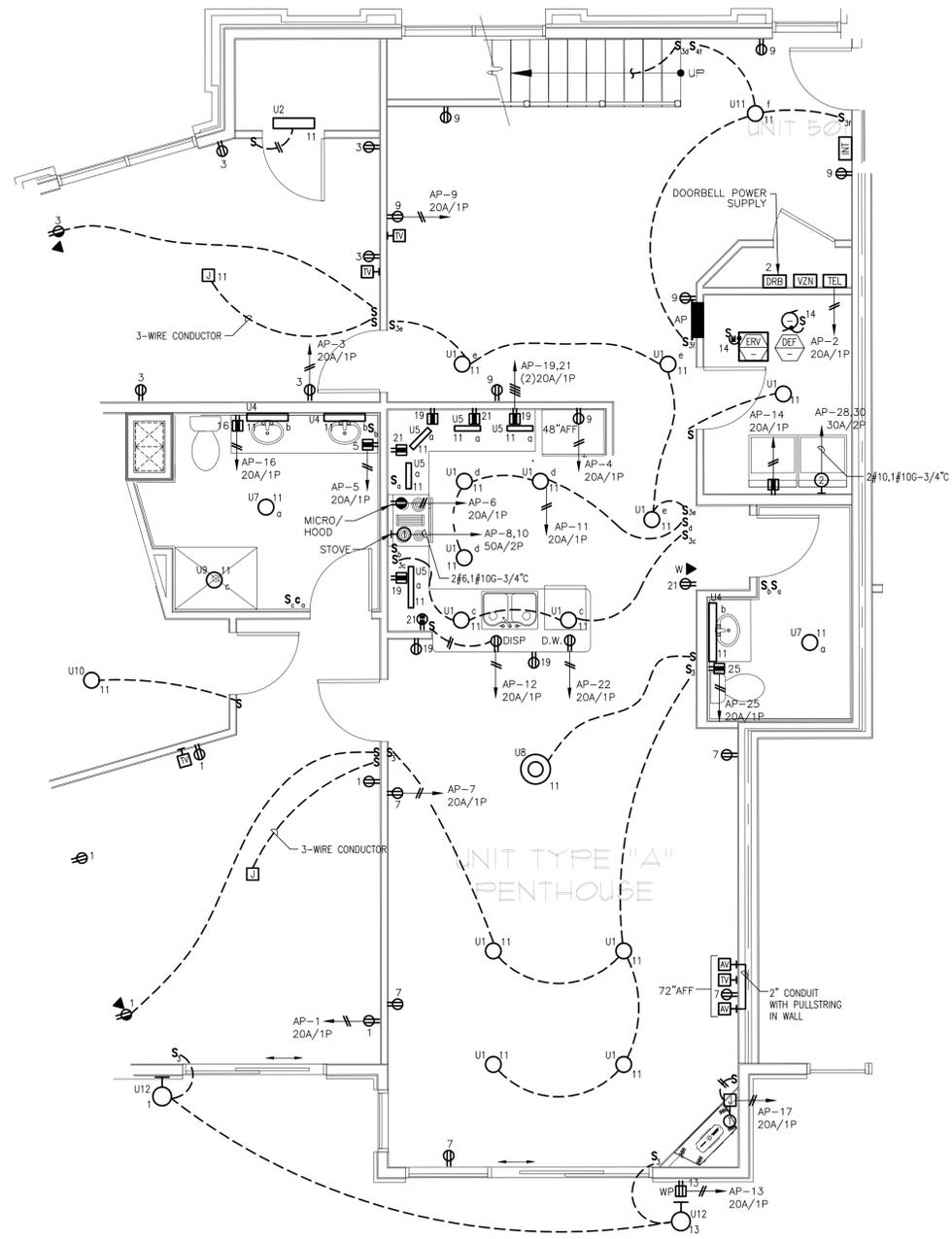
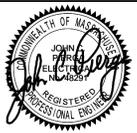
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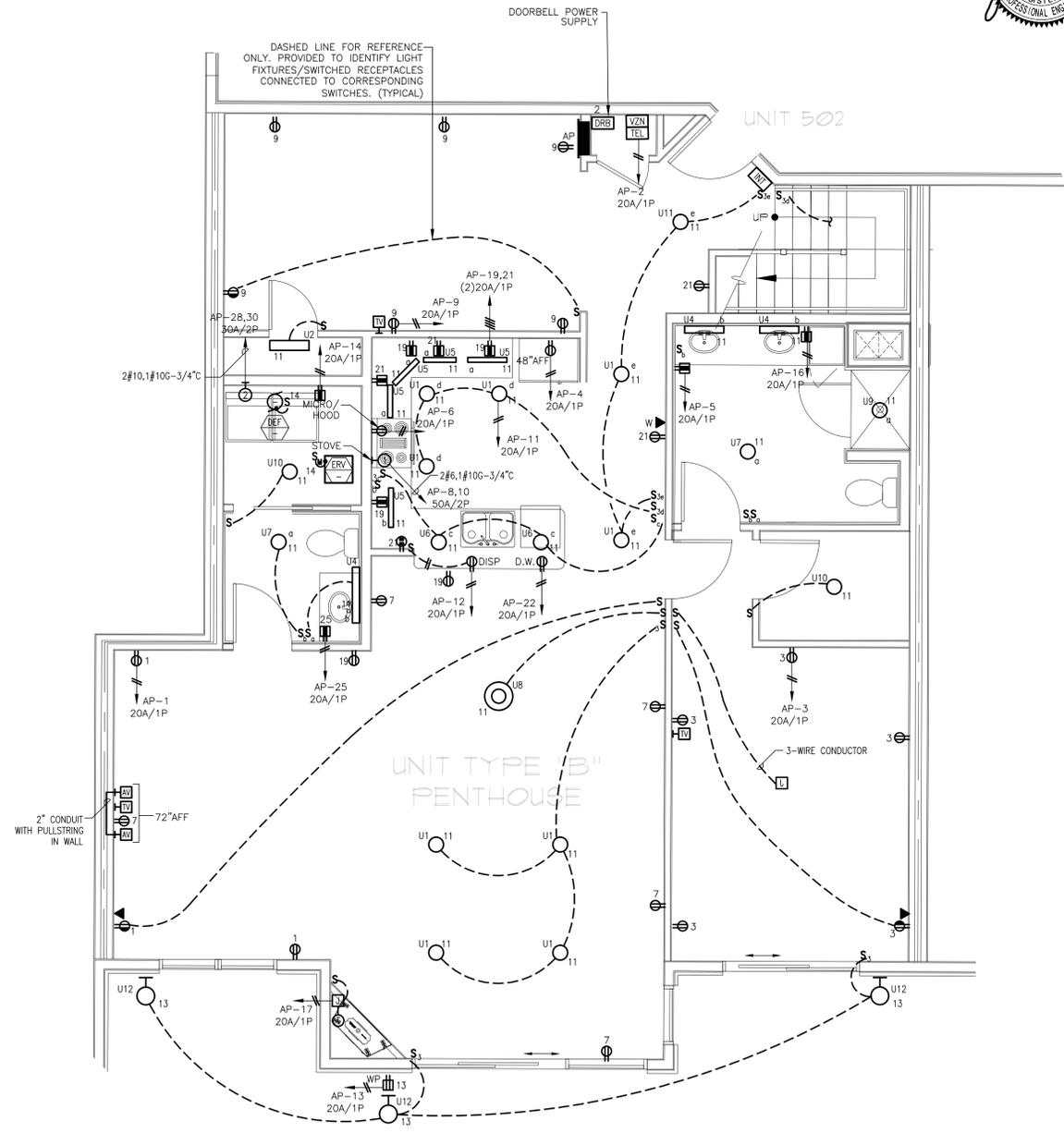


1 ELECTRICAL - Unit Type "E" - Part Plan
 SCALE: 1/4" = 1'-0"

ELECTRICAL NOTES:
 1. EC TO PROVIDE A TWO SPEED FAN FOR EACH BATHROOM. REFER TO DRAWING E0.07 DETAIL 3 FOR ADDITIONAL INFORMATION.



1 ELECTRICAL - Unit Type "A Penthouse" - Part Plan
SCALE: 1/4" = 1'-0"



2 ELECTRICAL - Unit Type "B Penthouse" - Part Plan
SCALE: 1/4" = 1'-0"

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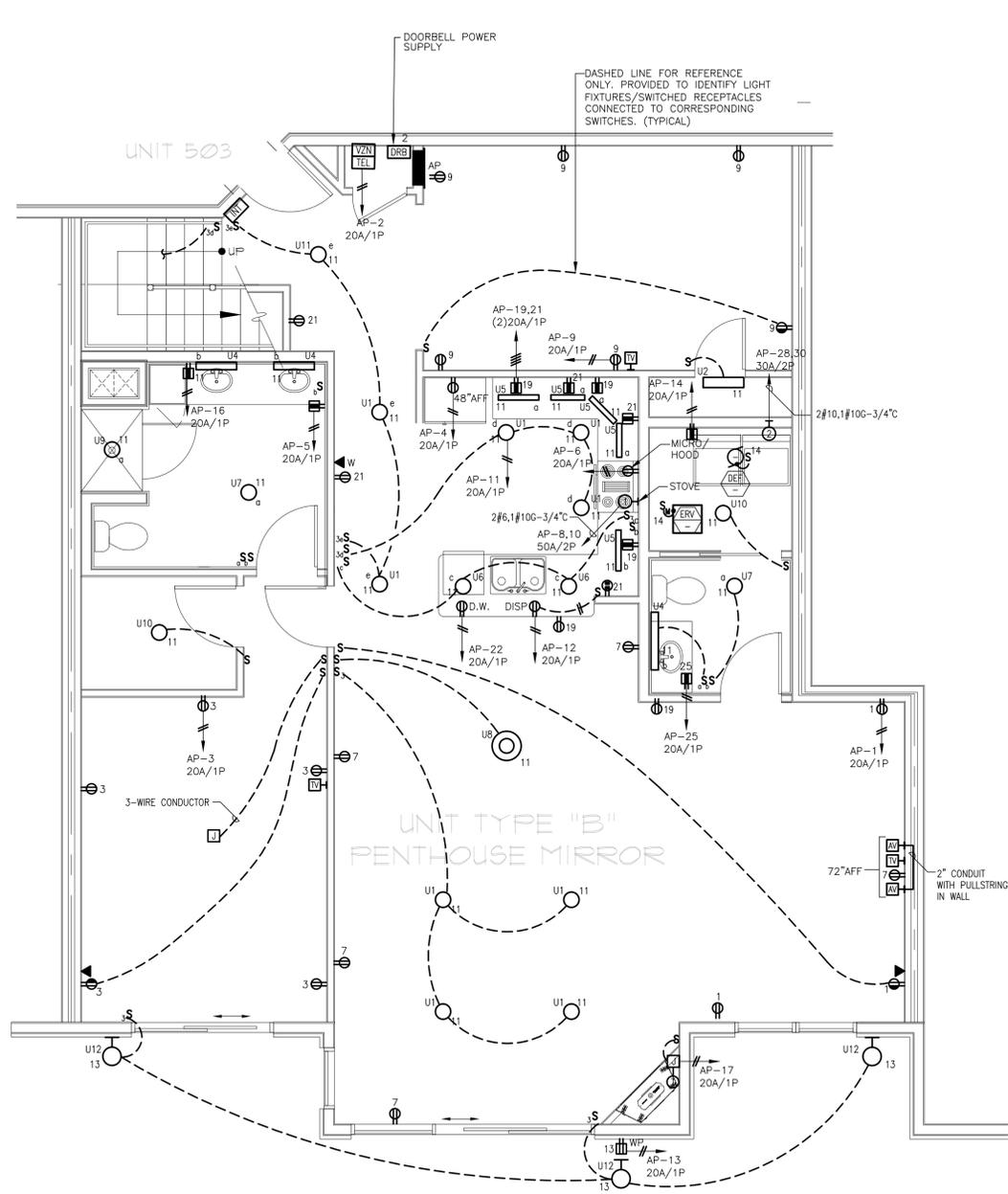
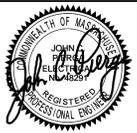
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Prepared for: HATTERS POINT CAPITAL LLC.
Location: PO BOX 1044 SUBSBURY, MA 01776
Title:
ELECTRICAL
UNIT-PART-PLANS

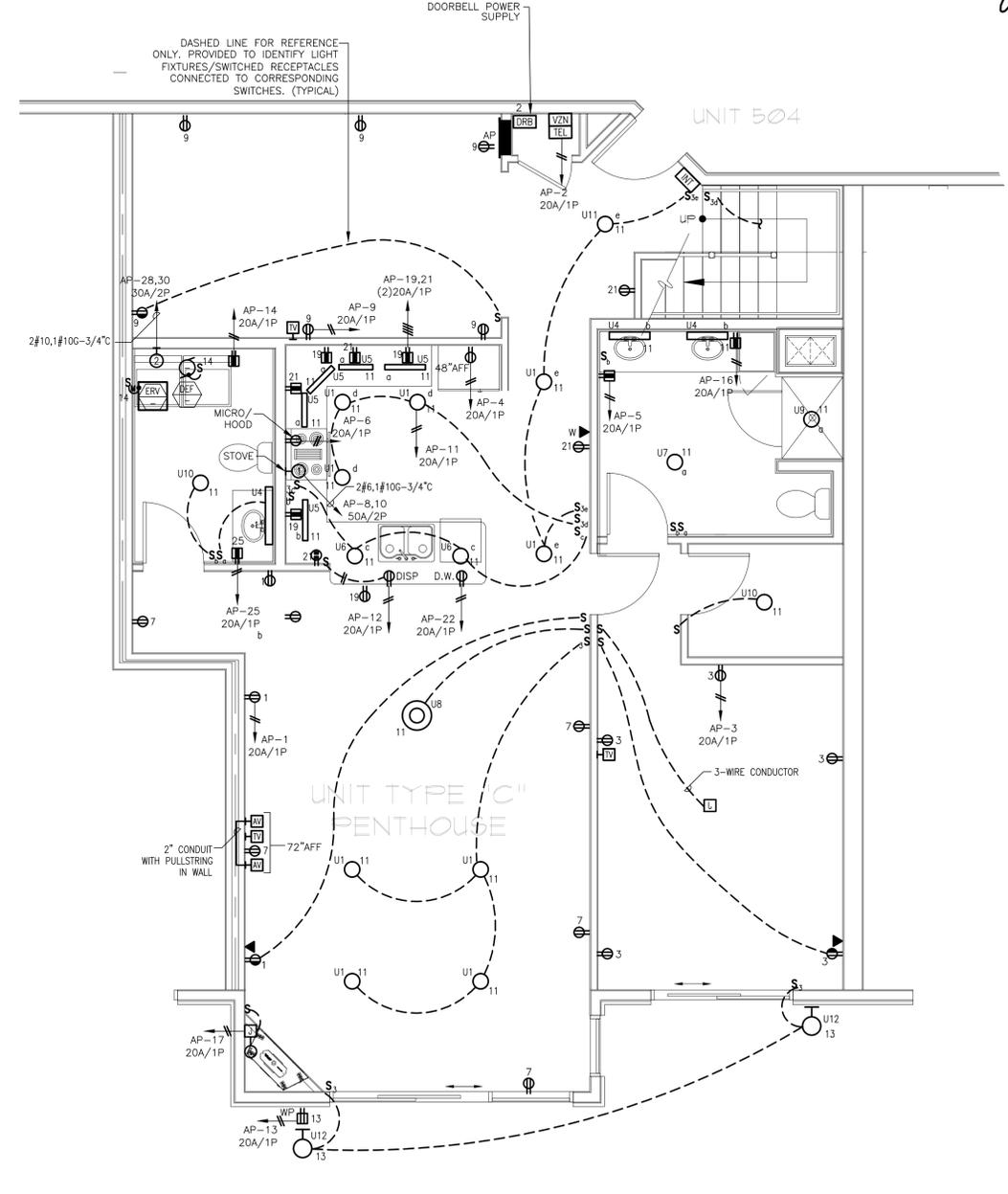
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E3.5



1 ELECTRICAL - Unit Type "B Mirror Penthouse" - Part Plan
SCALE: 1/4" = 1'-0"



2 ELECTRICAL - Unit Type "C Penthouse" - Part Plan
SCALE: 1/4" = 1'-0"

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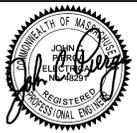
HATTERS POINT
AMESBURY, MA

Prepared for: HATTERS POINT CAPITAL LLC.
Location: PO BOX 1044 SUBBURY, MA 01776
Title: ELECTRICAL UNIT-PART-PLANS

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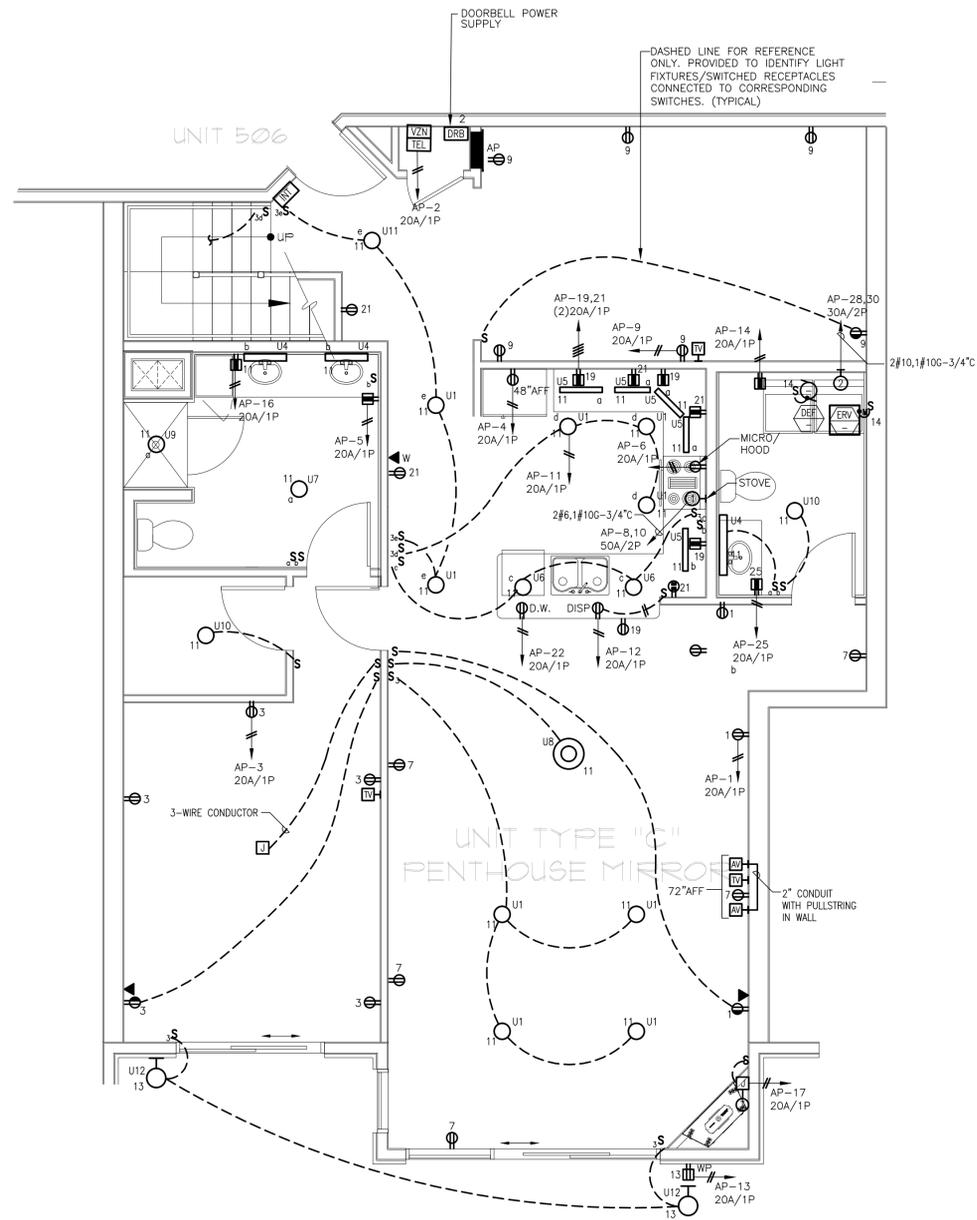


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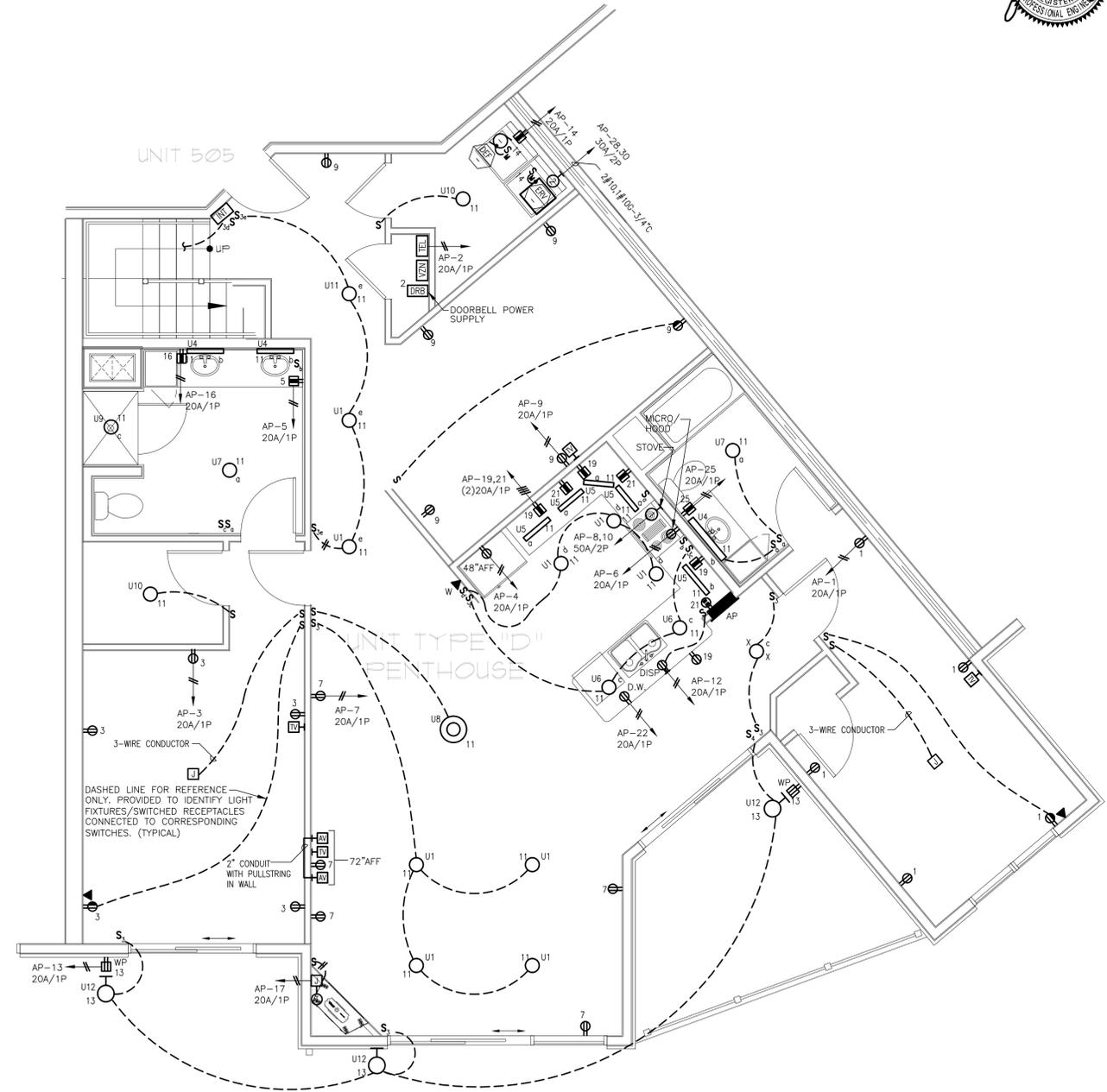
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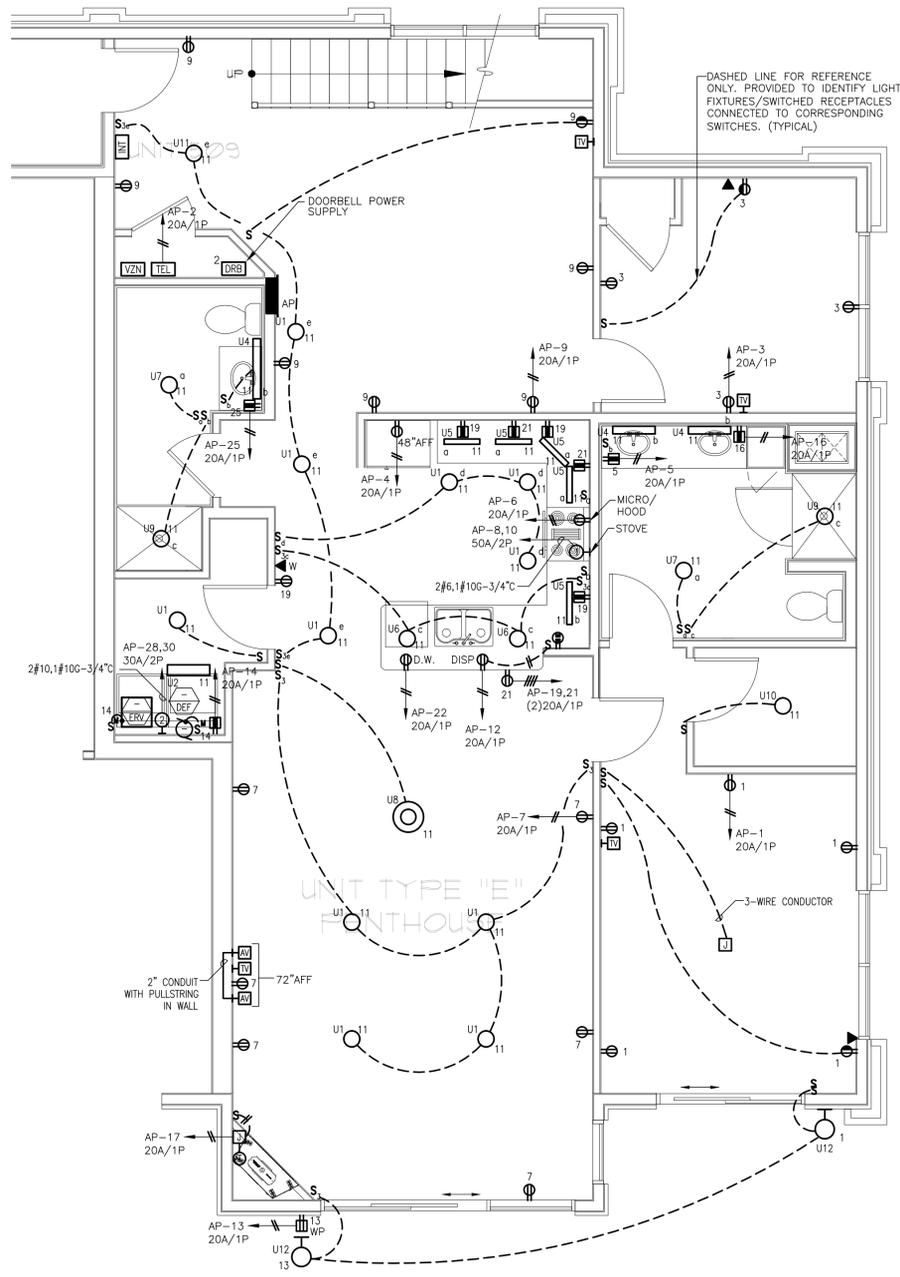
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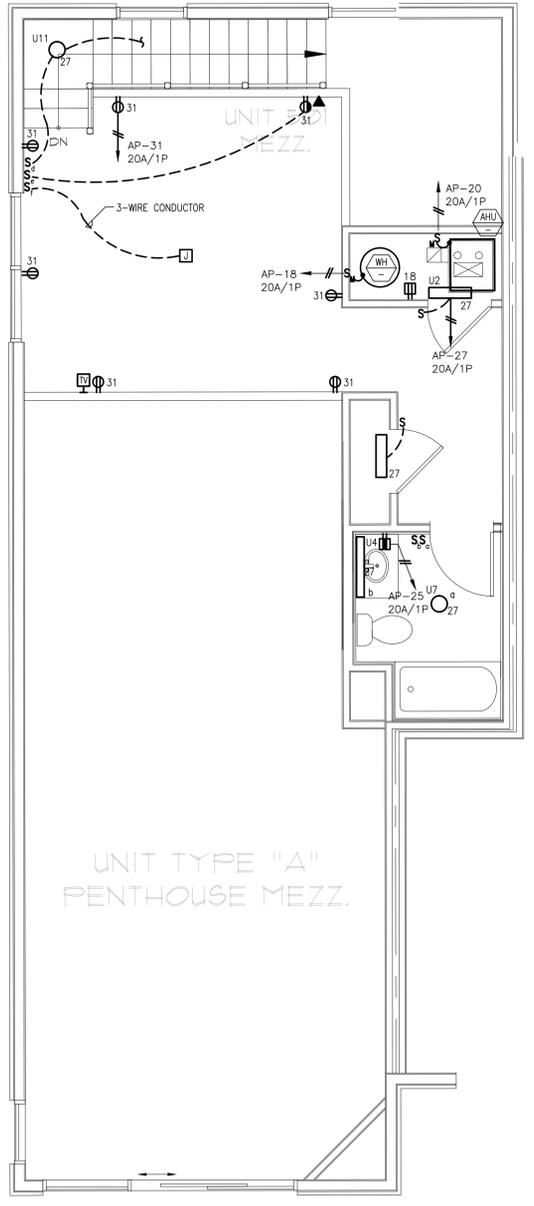
1 ELECTRICAL - Unit Type "C Mirror Penthouse" - Part Plan
 SCALE: 1/8" = 11'-00"



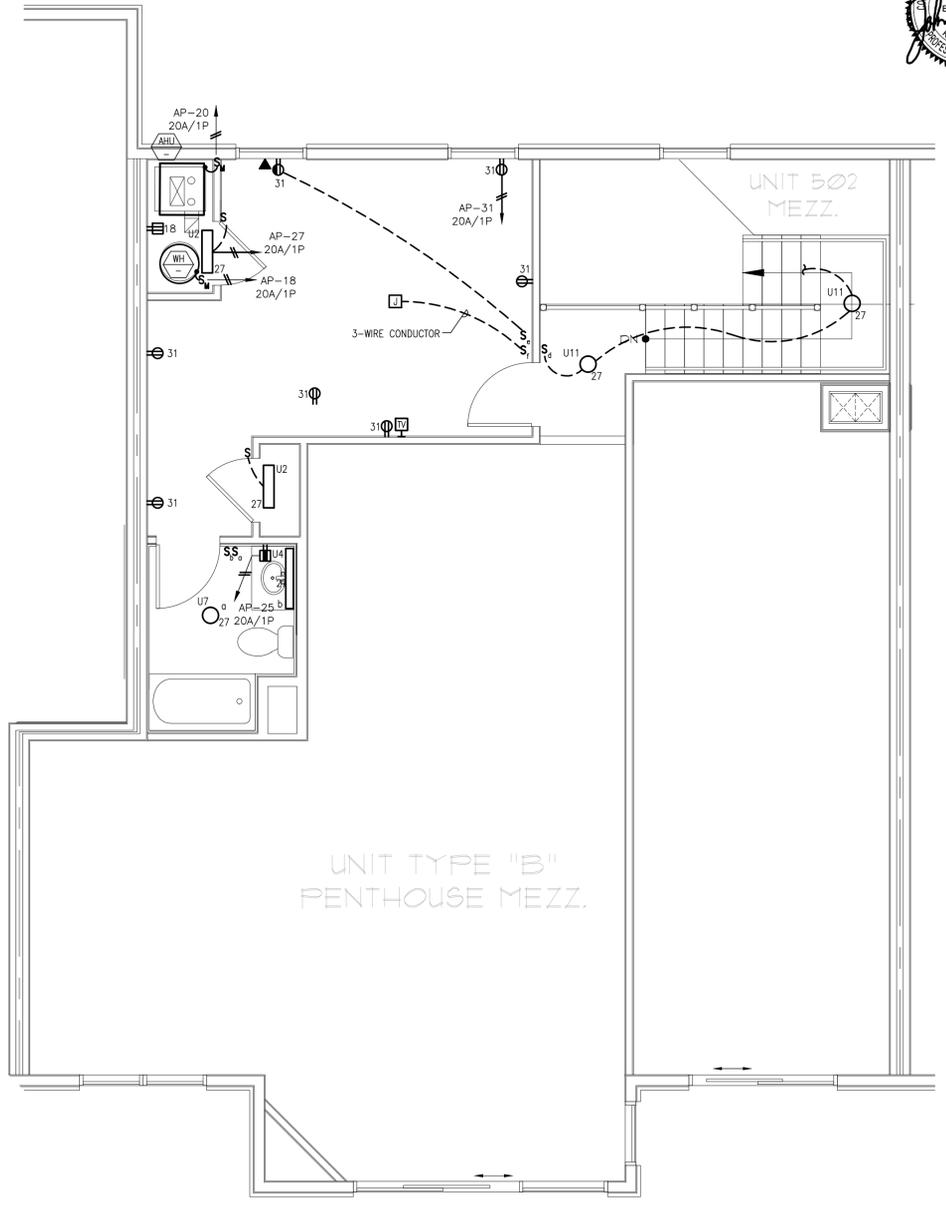
2 ELECTRICAL - Unit Type "D Penthouse" - Part Plan
 SCALE: 1/8" = 11'-00"



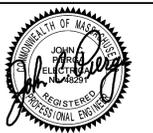
1 ELECTRICAL - Unit Type "E" Penthouse" - Part Plan
SCALE: 1/4" = 1'-0"



2 ELECTRICAL - Unit Type "A Mezzanine" - Part Plan
SCALE: 1/4" = 1'-0"



3 ELECTRICAL - Unit Type "B Mezzanine" - Part Plan
SCALE: 1/4" = 1'-0"



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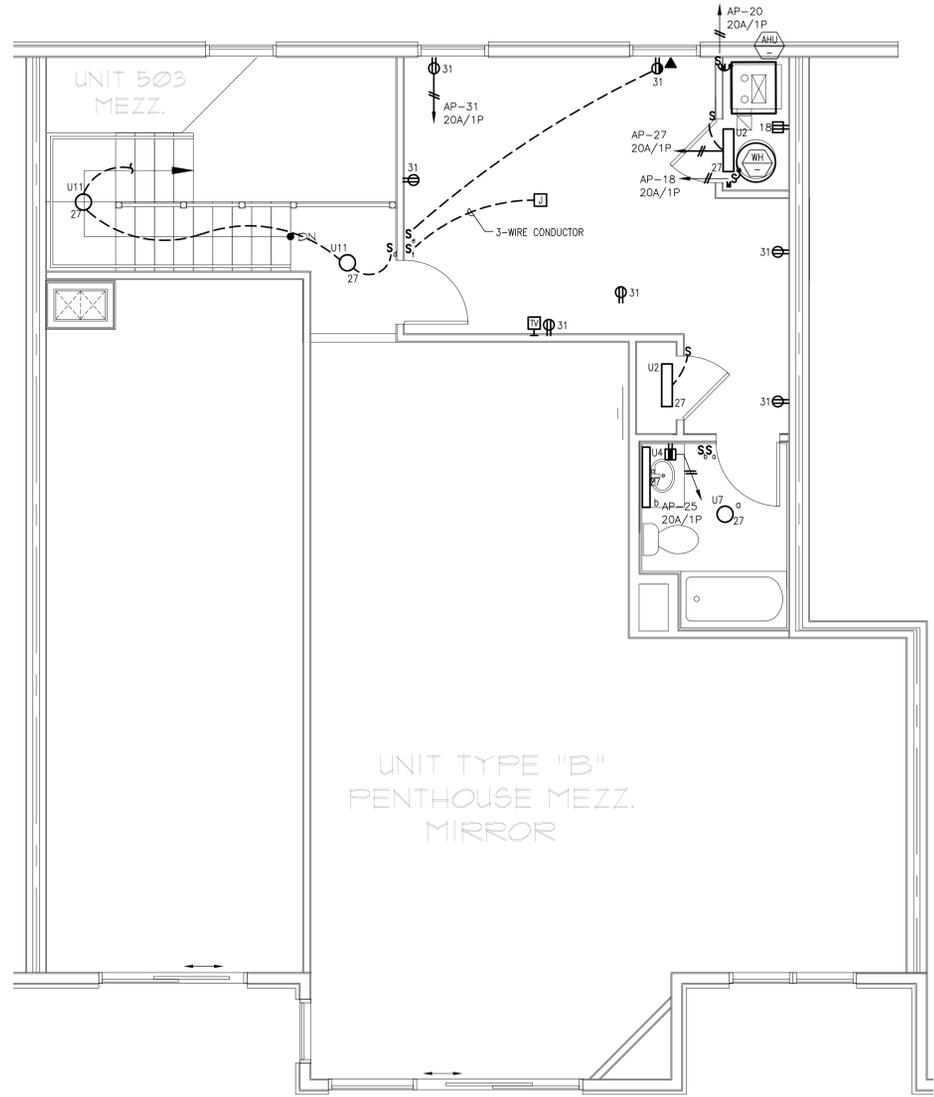
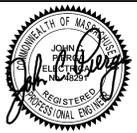
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AMESBURY, MA

Prepared for: HATTERS POINT CAPITAL LLC.
Location: PO BOX 1044 SUBBURY, MA 01776
Title: ELECTRICAL UNIT-PART-PLANS

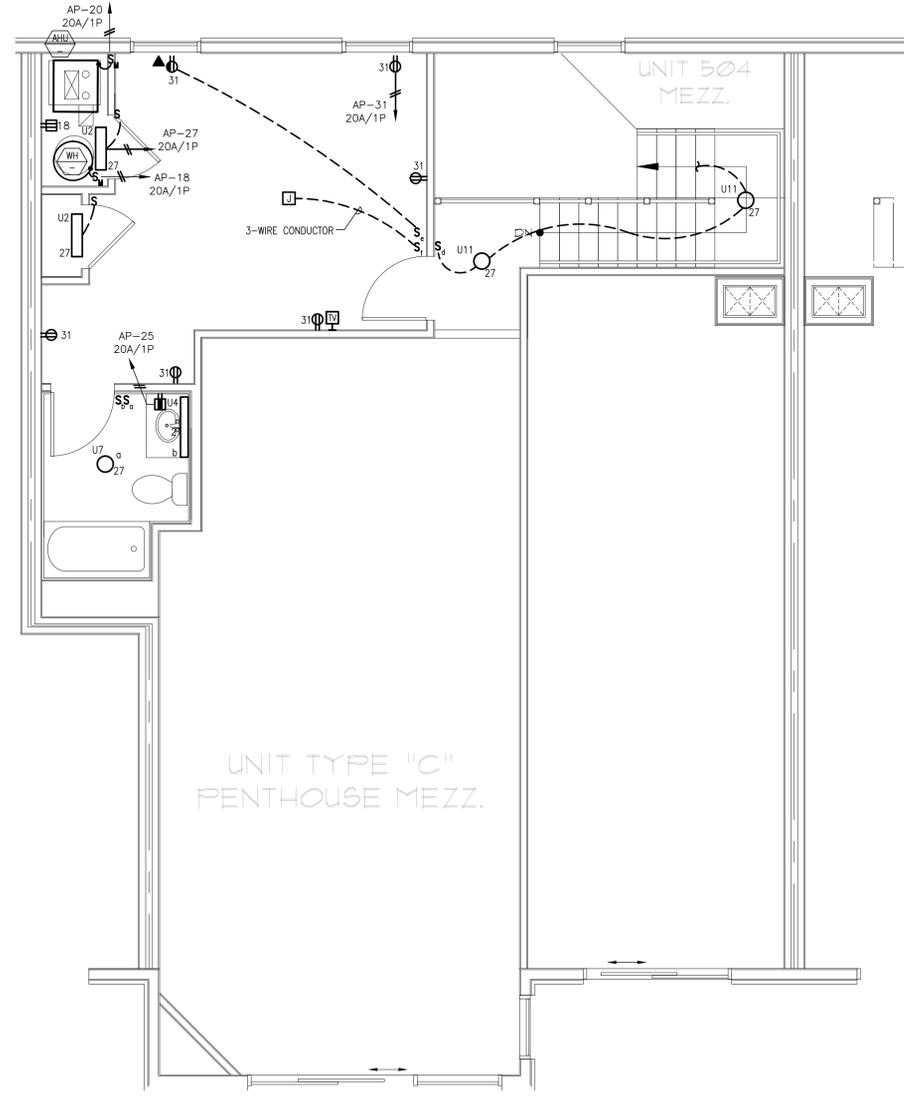
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1	Revision #3 - 01.15.16
2	ICC Review Comments
	Permit Set
	CD Pricing Set
	Construction Docs Progress
	Design Development Set
Mark	Date
Revisions	
Date	11.15.2015
Scale	AS NOTED
Job No.	2394
Sheet No.	

E3.8



① ELECTRICAL - Unit Type "B Mirror Mezzanine" - Part Plan
SCALE: 1/4" = 1'-0"



② ELECTRICAL - Unit Type "C Mezzanine" - Part Plan
SCALE: 1/4" = 1'-0"

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