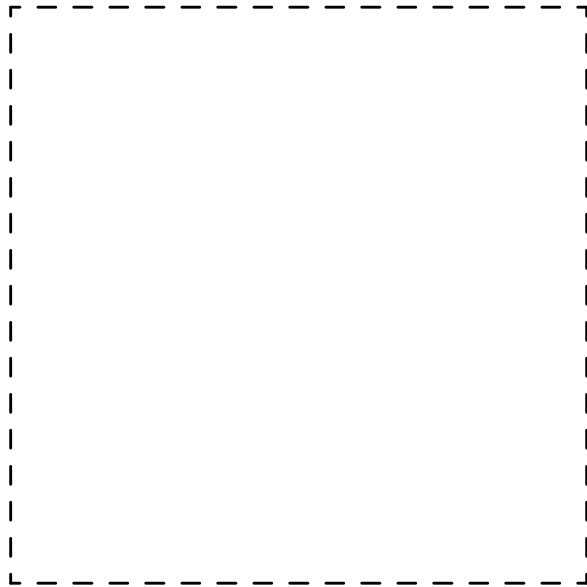




ELECTRICAL SYMBOL LIST

LIGHTING SYMBOLS

- [Symbol] LIGHT FIXTURE, RECESSED
- [Symbol] LIGHT FIXTURE, RECESSED – EMERGENCY
- [Symbol] LIGHT FIXTURE, SURFACE MOUNT
- [Symbol] LIGHT FIXTURE, SURFACE MOUNT – EMERGENCY
- [Symbol] LIGHT FIXTURE, STRIP
- [Symbol] LIGHT FIXTURE, STRIP – EMERGENCY
- [Symbol] DOWNLIGHT FIXTURE, RECESSED
- [Symbol] DOWNLIGHT FIXTURE, RECESSED, WALLWASH
- [Symbol] DOWNLIGHT FIXTURE, RECESSED – EMERGENCY
- [Symbol] LIGHT FIXTURE, WALL MOUNT
- [Symbol] LIGHT FIXTURE, CEILING MOUNT
- [Symbol] RECESSED LIGHT FIXTURE, WALL MOUNT
- [Symbol] LIGHT FIXTURE, WALL MOUNT
- [Symbol] LIGHT FIXTURE, WALL SCENCE
- [Symbol] LIGHT FIXTURE, TRACK W/ HEADS AS SHOWN ON PLAN
- [Symbol] EXIT SIGN, UNIVERSAL MOUNT, W/ DIRECTIONAL ARROW
- [Symbol] EXIT SIGN, WALL MOUNT, +8'-0" A.F.F.
- [Symbol] EMERGENCY LIGHT W/ BATTERY PACK, +8'-0" A.F.F.
- [Symbol] FLOOD LIGHT
- [Symbol] AREA LUMINAIRE
- [Symbol] AREA LUMINAIRE W/STANDBY LAMP
- [Symbol] AREA LUMINAIRE, WALL MOUNT
- [Symbol] AREA LUMINAIRE, POLE MOUNT
- [Symbol] AREA LUMINAIRE, POST TOP

SWITCH SYMBOLS

- [Symbol] SWITCH, SPST +48" A.F.F.
- [Symbol] SWITCH, DPST +48" A.F.F.
- [Symbol] SWITCH, 3-WAY +48" A.F.F.
- [Symbol] SWITCH, 4-WAY +48" A.F.F.
- [Symbol] SWITCH, DIMMER +48" A.F.F.
- [Symbol] SWITCH, SPST, W/PILOT LIGHT +48" A.F.F.
- [Symbol] SWITCH, KEY-OPERATED +48" A.F.F.
- [Symbol] SWITCH, TIMED +48" A.F.F.
- [Symbol] PHOTOCELL CONTROL
- [Symbol] OCCUPANCY SENSOR CONTROL

SIGNAL SYMBOLS

- [Symbol] TELEPHONE OUTLET +18" A.F.F.
- [Symbol] DATA OUTLET +18" A.F.F.
- [Symbol] DATA/TELEPHONE OUTLET +18" A.F.F.
- [Symbol] CLOCK
- [Symbol] SIGNAL BELL
- [Symbol] VISUAL ALARM SIGNAL (COLOR AS INDICATED ON PLAN)
- [Symbol] P.A. SPEAKER
- [Symbol] CATV OUTLET (LOCATE AS SHOWN ON PLANS)

FIRE ALARM SYMBOLS

- [Symbol] FIRE ALARM MANUAL PULL STATION, +48" A.F.F.
- [Symbol] MAGNETIC DOOR HOLDER
- [Symbol] SMOKE DETECTOR, W/AUX. CONTACTS
- [Symbol] SMOKE/FIRE DAMPER
- [Symbol] SMOKE DETECTOR, DUCT, IONIZATION TYPE W/SAMPLING TUBE
- [Symbol] SMOKE DETECTOR, IONIZATION TYPE
- [Symbol] SMOKE DETECTOR, PHOTO TYPE
- [Symbol] HEAT DETECTOR, RATE-OF-RISE OR FIXED TEMP.
- [Symbol] FIRE MAIN FLOW DETECTION SWITCH
- [Symbol] FIRE MAIN TAMPER DETECTION SWITCH
- [Symbol] FIRE ALARM BELL, +80" A.F.F.
- [Symbol] FIRE ALARM HORN, +80" A.F.F.
- [Symbol] FIRE ALARM HORN/STROBE, +80" A.F.F.
- [Symbol] FIRE ALARM STROBE, +80" A.F.F.

POWER SYMBOLS

- [Symbol] RECEPTACLE, DUPLEX +18" A.F.F.
- [Symbol] RECEPTACLE, QUAD +18" A.F.F.
- [Symbol] RECEPTACLE, DUPLEX +6" ABV COUNTER
- [Symbol] RECEPTACLE, DUPLEX +18" A.F.F. (ONE OUTLET SWITCHED)
- [Symbol] RECEPTACLE, DUPLEX +18" A.F.F. (BOTH OUTLETS SWITCHED)
- [Symbol] RECEPTACLE, DUPLEX, PEDESTAL MOUNT
- [Symbol] RECEPTACLE, DUPLEX, FLUSH FLOOR MOUNT
- [Symbol] RECEPTACLE, SPECIAL (COORDINATE WITH EQUIPMENT SERVED)
- [Symbol] RELAY
- [Symbol] TIME CLOCK CONTROL
- [Symbol] PUSHBUTTON STATION
- [Symbol] JUNCTION BOX
- [Symbol] THERMOSTAT
- [Symbol] TRANSFORMER
- [Symbol] DISCONNECT, NON-FUSED
- [Symbol] DISCONNECT, FUSED
- [Symbol] ELECTRICAL CONNECTION
- [Symbol] ELECTRICAL CONNECTION, SINGLE MOTOR
- [Symbol] ELECTRICAL CONNECTION, MULTI-MOTOR
- [Symbol] ELECTRICAL DISTRIBUTION PANEL, RECESSED
- [Symbol] ELECTRICAL DISTRIBUTION PANEL, SURFACE
- [Symbol] MISCELLANEOUS PANEL, RECESSED
- [Symbol] MISCELLANEOUS PANEL, SURFACE
- [Symbol] FLUSH FLOOR BOX (W/ DEVICES AS SHOWN ON PLAN)

WIRING SYMBOLS

- [Symbol] PANEL & CIRCUIT NUMBER
- [Symbol] HOMERUN TO PANEL
- [Symbol] CONDUCTOR SIZE (IF OTHER THAN #12)
- [Symbol] PHASE CONDUCTOR
- [Symbol] NEUTRAL CONDUCTOR
- [Symbol] GROUND CONDUCTOR
- [Symbol] CONCEALED CONDUIT
- [Symbol] CONDUIT SIZE
- [Symbol] CONDUIT (UNDER SLAB OR FLOOR)
- [Symbol] FLEXIBLE CONNECTION
- [Symbol] CONDUIT, STUBBED & CAPPED

NOTATIONS

- [Symbol] DRAWING NOTE
- [Symbol] DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.
- [Symbol] MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
- [Symbol] EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

ONE-LINE DIAGRAM SYMBOLS

- [Symbol] ELECTRICAL DISTRIBUTION PANELBOARD (MLO)
- [Symbol] ELECTRICAL DISTRIBUTION PANELBOARD (MCB)
- [Symbol] SUB-FEED CIRCUIT BREAKER
- [Symbol] CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)
- [Symbol] MAIN SWITCH (RATING & POLES AS INDICATED ON PLAN)
- [Symbol] FUSE (RATING & CLASS AS INDICATED ON PLAN)
- [Symbol] TRANSFER SWITCH (MANUAL OR AUTOMATIC)
- [Symbol] GENERATOR (RATING AS INDICATED ON PLAN)
- [Symbol] TRANSFORMER (RATING AS INDICATED ON PLAN)
- [Symbol] FUSE (RATING & CLASS AS INDICATED ON PLAN)
- [Symbol] GROUND SYSTEM (SIZE AS INDICATED ON PLAN)
- [Symbol] WATER PIPE GROUND ELECTRODE
- [Symbol] TRANSIENT VOLTAGE SURGE SUPPRESSOR
- [Symbol] UTILITY METER & METER BASE
- [Symbol] UTILITY METER CURRENT TRANSFORMER
- [Symbol] FEEDER NO. (SEE FEEDER SCHEDULE)

ABBREVIATIONS			
'A'	LIGHT FIXTURE TYPE (SEE FIXTURE LIST)	I.G.	ISOLATED GROUND
A.F.F.	ABOVE FINISHED FLOOR	LCP	LIGHTING CONTROL PANEL
A.F.G.	ABOVE FINAL GRADE	MCB	MAIN CIRCUIT BREAKER
A.F.I.	ARC FAULT INTERRUPTER	MLO	MAIN LUGS ONLY
A.T.S.	TRANSFER SWITCH, AUTOMATIC	N.I.C.	NOT IN CONTRACT
C	CONDUIT	N.L.	NIGHT LIGHT
C.O.	CONDUIT ONLY	P	POLE
CATV	CABLE TELEVISION	PC	PARTIAL CIRCUIT
CB	CIRCUIT BREAKER	PH	PHASE
CCTV	CLOSED CIRCUIT TELEVISION	R.T.U.	REMOTE TELEMETRY UNIT
C.T.	CURRENT TRANSFORMER	T.V.S.S.	TRANSIENT VOLTAGE SURGE SUPPRESSOR
(E)	EXISTING	U.G.	UNDERGROUND
FACP	FIRE ALARM CONTROL PANEL	U.O.N.	UNLESS OTHERWISE NOTED
G.F.I.	GROUND FAULT INTERRUPTER	VFD	VARIABLE FREQUENCY DRIVE
GND	GROUND	W	WIRE
HP	HORSEPOWER	W.G.	WIRE GUARD
		W.P.	WEATHERPROOF

NOTE: SOME OF THE SYMBOLS AND ABBREVIATIONS ON THIS LIST MAY NOT APPLY TO THIS PROJECT.

PRELIMINARY
NOT FOR
CONSTRUCTION

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Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:
**MINNESOTA
PLACES**
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

ELECTRICAL
SYMBOL LIST

Drawing Number
E1.00

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Project Owner: _____

ALTERNATIVE LAND DEVELOPMENT

Project Name: _____

208 N. JESSUP &
527 N. MINNESOTA
(R226159, R226160)

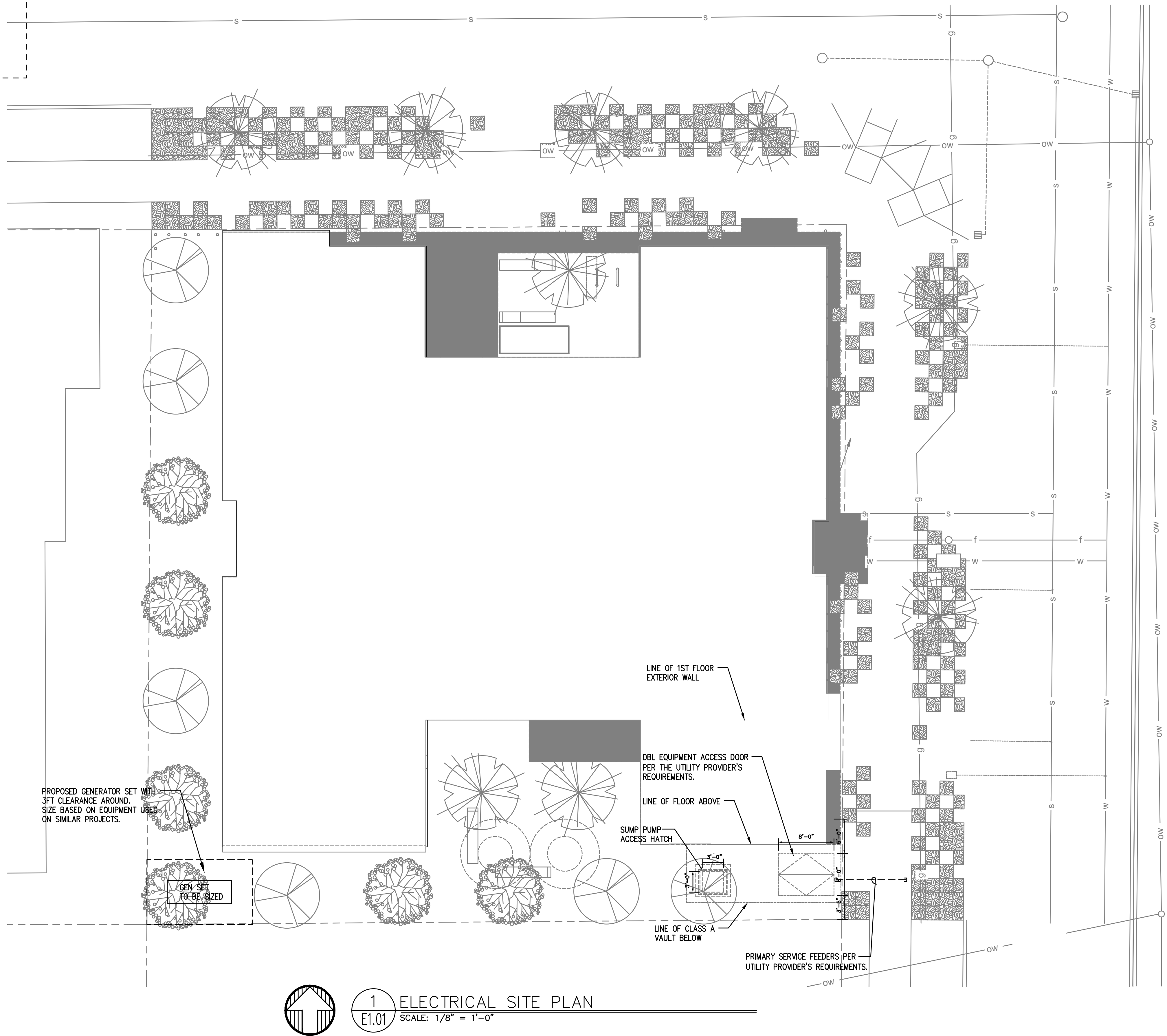
- A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
- B. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON SIEMENS PRODUCTS. ACTUAL PRODUCTS USED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE NOTED IN FINAL PROJECT DOCUMENT.
- C. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT SERVICE CONDUIT AND CONDUCTORS REQUIREMENTS.
- D. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH PGE ELECTRICAL SERVICE REQUIREMENTS.
- E. U.G. PRIMARY FEEDER SHALL HAVE A MINIMUM 48 INCH BURY.
- F. U.G. SECONDARY FEEDER SHALL HAVE A MINIMUM 36 INCH BURY.
- G. REFER TO SHEET E.1.11 FOR THE ONE-LINE DIAGRAM AND TYPICAL FEEDER SCHEDULE.
- H. LOCATION AND INSTALLATION OF THE PRIMARY AND SECONDARY CONDUITS, TRANSFORMER, ETC. SHALL BE PROVIDED PER PGE ELECTRICAL SERVICE REQUIREMENTS.
- I. REFER TO SHEET E.3.00 FOR MORE INFORMATION REGARDING THE CLASS A VAULT AND THE ELECTRICAL EQUIPMENT ROOM.

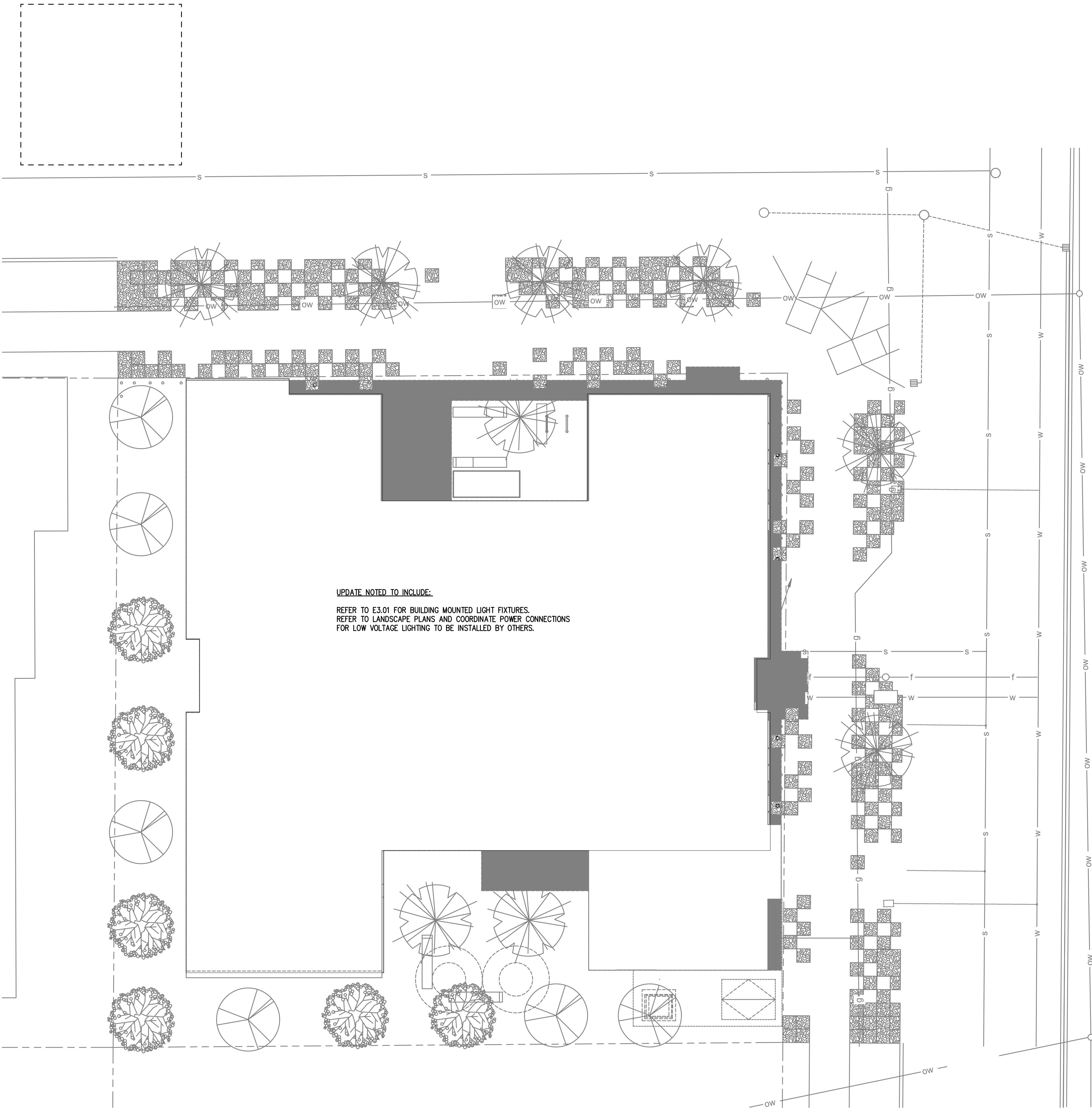
1. CUSTOMER TO PROVIDE ALL TRENCHING AND BACKFILLING, TRENCH TO BE 36 INCHES DEEP AND 30 INCHES WIDE, MEASURED FROM FINAL GRADE.
2. ALL PGE CONDUCTORS TO BE INSTALLED IN GREY SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN 500 LBS. TEST). PGE TO DETERMINE THE SIZE AND NUMBER OF CONDUITS REQUIRED. ALL ELBOWS TO BE 36 INCH (MIN) RADIUS. ALL BENDS MAY BE FACTORY MADE. IF MORE THAN 270 DEGREES OF BENDS OR IF RUN IS LONGER THAN 150 FEET, BENDS MUST BE RIGID STEEL.
3. CONSULT WITH PGE REPRESENTATIVE 2 WEEKS BEFORE STARTING MAIN POWER TRENCHING FOR A PRECONSTRUCTION CONFERENCE. INCLUDED IN THIS CONFERENCE WILL BE EXCAVATOR, PGE, TELCO, CATV, AND GAS.
4. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING. COORDINATE WITH CIVIL.

[illegible]

Drawing Number

E1.01





UPDATE NOTED TO INCLUDE:
REFER TO E3.01 FOR BUILDING MOUNTED LIGHT FIXTURES.
REFER TO LANDSCAPE PLANS AND COORDINATE POWER CONNECTIONS
FOR LOW VOLTAGE LIGHTING TO BE INSTALLED BY OTHERS.

- GENERAL SITE LIGHTING NOTES:
- A. ALL SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATION CODES.
 - B. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
 - C. REFER TO SHEETS E1.11 FOR ONE-LINE DIAGRAM, LOAD SUMMARY INFORMATION AND TYPICAL FEEDER SCHEDULE.
 - D. REFER TO E2 SERIES SHEETS FOR EXTERIOR BUILDING MOUNTED LIGHT LOCATIONS.
 - E. REFER TO SHEET E1.14 FOR LIGHT FIXTURE SCHEDULE.
 - G. SITE AND LANDSCAPE LIGHTING SHALL BE PROVIDED WITH DUSK-TIL-DAWN LIGHTING CONTROL AND AUTOMATIC CONTROLS TO REDUCE LIGHT LEVELS BY 30% DURING PERIODS OF LOW ACTIVITY.

1 SITE LIGHTING PLAN
E1.02 SCALE: 1/8" = 1'-0"

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Project Name:
MINNESOTA
PLACES
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

SITE LIGHTING
PLAN

Drawing Number
E1.02

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Project Name:

208 N. JESSUP &
627 N. MINNESOTA
(R226159, R226160)

RELIMINARY 6.21.2021

b #: 2020

ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

Drawing Number

E1.11



A. COORDINATE ALL WORK ASSOCIATED WITH ELECTRIC SERVICE WITH LOCAL UTILITY. PROVIDE ALL CONDUIT & CONDUCTORS, GROUNDING, TRANSFORMER VAULT/PAD, ETC., IN ACCORDANCE WITH SERVING UTILITY REQUIREMENTS.

B. COORDINATE METERING REQUIREMENTS WITH UTILITY.

C. FOR LOAD CENTER FEEDER LENGTHS GREATER THAN 145'-0" FROM METER CENTER, INCREASE WIRE SIZE ONE SIZE UP FOR VOLTAGE DROP.

1. ESTIMATED GENERATOR STARTING LOAD IS BASED ON THE ELEVATOR & FIRE PUMP MOTORS BEING PROVIDED WITH REDUCED STARTING.
2. PROVIDE GROUND FOR SEPARATELY DERIVED SYSTEM PER NEC.
3. PROVIDE ELECTRONIC TRIP CIRCUIT BREAKER. EXACT BREAKER TYPE, SETTINGS, ETC. TO BE VERIFIED AND AS DETERMINED BY SELECTIVE COORDINATION STUDY AS PERFORMED BY THE ELECTRICAL DISTRIBUTION EQUIPMENT MANUFACTURER.
4. COORDINATE INSTALLATION OF OUTPUT BREAKERS WITH GENERATOR MANUFACTURER TO SELECTIVELY COORDINATE WITH POWER STUDY RECOMMENDATIONS.

5. 'LIFE SAFETY' BRANCH TO MEET ALL REQUIREMENTS OF NEC 700. CONTRACTOR SHALL BE AWARE THAT MFA HAS ATTEMPTED TO INDICATE EQUIPMENT AND SIZES THAT WILL SELECTIVELY COORDINATE, BUT WILL NOT BE KNOWN UNTIL ELECTRICAL EQUIPMENT MANUFACTURER PERFORMS THE REQUIRED POWER STUDIES AS SPECIFIED IN 26 05 73. CHANGES MAY BE NECESSARY AFTER THE BID.

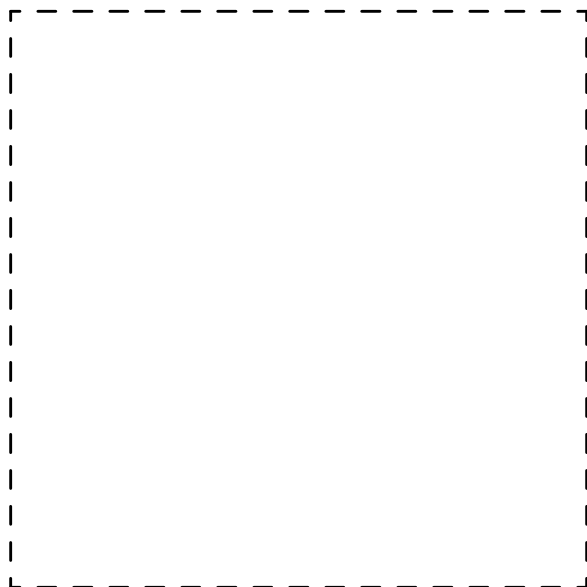
6. WHERE APPLICABLE, GENERATOR TO BE SIZED TO OPERATE ONLY ONE ELEVATOR AT A TIME. COORDINATE WITH ELEVATOR & GENERATOR PROVIDERS FOR AUTOMATIC SEQUENTIAL OPERATION AS REQUIRED UNDER ASME A17.1, SECTION 2.27.2.1 THROUGH 2.27.2.5.

7. THE AUTOMATIC TRANSFER SWITCH FOR THE EMERGENCY PANEL "EDP" SHALL OPERATE SUCH THAT THE EGRESS LOADS ARE SWITCHED TO GENERATOR POWER WITHIN 10 SECONDS AND THE ELEVATOR(S) SWITCHED WITHIN 60 SECONDS OF A POWER FAILURE.

8. CONSULT MECHANICAL, PLUMBING AND/OR FIRE ALARM PLANS AND VERIFY EXACT POWER REQUIREMENTS FOR THE FIRE PUMP.

9. CONSULT ELEVATOR PROVIDER FOR INSTALLATION AND POWER REQUIREMENTS PRIOR TO ROUGH IN.

* PARALLEL FEEDER



RESERVED FOR HOUSE
PANEL SCHEDULES

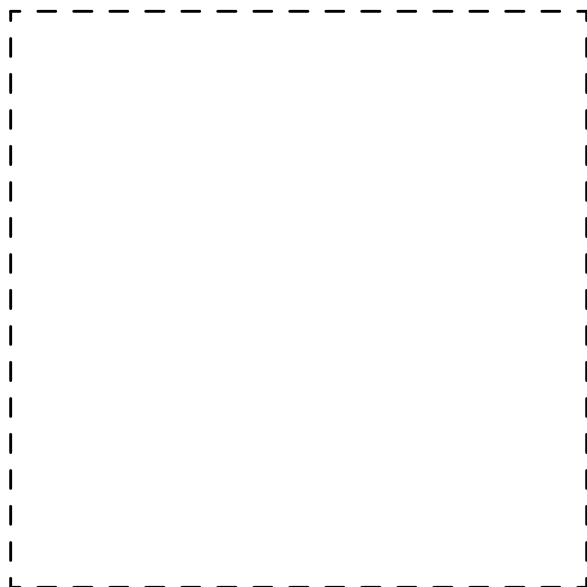
MINNESOTA APARTMENTS																					
RESIDENTIAL LOAD SUMMARY - MC1																					
UNIT TYPE:	QTY PER FLOOR								TOTAL	AREA (SF)	LTG/RECEPT	SM APPL	LAUNDRY	COOKING	MICROWAVE	DISHWASHER	ELECT DRYER	WATER HEATER	DISPOSAL	MOTORS	LARGEST OF AC/HEATING
	Lw 1	Lw 2	Lw 3	Lw 4	Lw 5	Lw 6	Lw 7	Lw 8			(3VA / SF)	(1500VA X 2)	(1500VA)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)
1 Bedroom	1	2	2	2					7	300	900	3000	1500	8000	1700	0	5400	0	900	0	0
2 Bedroom	2	4	4	4					14	578	1734	3000	1500	8000	1700	0	5400	0	900	0	0
3 Bedroom	1	4	4	4					13	700	2100	3000	1500	8000	1700	0	5400	0	900	0	0
TOTALS:	4	10	10	10	0	0	0	0	34	19292	57876	102000	51000	272000	57800	0	183600	0	30600	0	0
VOLTS:									208	3ph											
TOTAL CONNECTED:									755	KVA											
DEMAND FACTOR:									0.3	Based on Total Number of Residential Units = 34-36 (See N.E.C. Article: 220.84)											
TOTAL CALCULATED:									226	KVA											
CALCULATED AMPS:									629	AMPS											
NOTE:																					

MINNESOTA APARTMENTS RESIDENTIAL LOAD SUMMARY- MC2																					
UNIT TYPE:	QTY PER FLOOR								TOTAL	AREA (SF)	LTG/RECEPT	SM APPL	LAUNDRY	COOKING	MICROWAVE	DISHWASHER	ELECT DRYER	WATER HEATER (CONNECTED)	DISPOSAL	MOTORS	LARGEST OF AC HEATING (CONNECTED)
	Lv 1	Lv 2	Lv 3	Lv 4	Lv 5	Lv 6	Lv 7	Lv 8			(3VA / SF)	(1500VA X 2)	(1500VA)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)
1 Bedroom					2	2	2	2	8	300	900	3000	1500	8000	1700	0	5400	0	900	0	0
2 Bedroom					4	4	4	4	16	578	1734	3000	1500	8000	1700	0	5400	0	900	0	0
3 Bedroom					4	4	4	4	16	700	2100	3000	1500	8000	1700	0	5400	0	900	0	0
TOTALS:	0	0	0	0	10	10	10	10	40	22848	68544	120000	60000	320000	68000	0	216000	0	36000	0	0
VOLTS: TOTAL CONNECTED: DEMAND FACTOR: TOTAL CALCULATED: CALCULATED AMPS:										208 889 0.28 249 691	3ph KVA Based on Total Number of Residential Units = 39 (See N.E.C. Article: 220.84) KVA AMPS										
NOTE:																					

DWELLING UNIT LOAD CALCULATION									
Project: Minnesota Apartments									
Unit Type: 1 Bedroom									
Area: 300 square feet(average)									
Minimum Size Feeder (NEC 220.40):									
General lighting load at 3 VA / SF				900 VA					
Small appliance load (2 ckt's at 1500VA each)				3,000 VA					
Laundry Load (1 ckt at 1500VA)				1,500 VA					
Range				8,000 VA					
Other Cooking Appliance Load (Microwave Oven)				1,700 VA					
Dishwasher Load				0 VA					
Electric Dryer Load				0 VA					
Electric Water Heater Load				0 VA					
Disposal load				900 VA					
Other motor loads				0 VA					
Total "General Loads"				15,100 VA					
First 10 kVA of "general loads" at 100%				10,000 VA					
Remainder of "general loads" at 40%				5,100 VA					
Net "general load"				15,100 VA					
Largest of:				15,100 VA					
-or-				2,275 VA					
-or-				0 VA					
-or-				0 VA					
TOTAL LOAD				14,075 VA					
For 120/208-volt, 4-wire, single-phase service or feeder,				68 Amps					
Therefore, this dwelling unit shall be permitted to be served by a				100 amp service.					

DWELLING UNIT LOAD CALCULATION									
Project: Minnesota Apartments									
Unit Type: 2 Bedroom									
Area: 578 square feet(average)									
Minimum Size Feeder (NEC 220.40):									
General lighting load at 3 VA / SF				1,734 VA					
Small appliance load (2 ckt's at 1500VA each)				3,000 VA					
Laundry Load (1 ckt at 1500VA)				1,500 VA					
Range				8,000 VA					
Other Cooking Appliance Load (Microwave Oven)				1,700 VA					
Dishwasher Load				0 VA					
Electric Dryer Load				0 VA					
Electric Water Heater Load				0 VA					
Disposal load				900 VA					
Other motor loads				0 VA					
Total "General Loads"				15,334 VA					
First 10 kVA of "general loads" at 100%				10,000 VA					
Remainder of "general loads" at 40%				5,334 VA					
Net "general load"				15,334 VA					
Largest of:				15,334 VA					
-or-				3,250 VA					
-or-				0 VA					
-or-				0 VA					
TOTAL LOAD				15,384 VA					
For 120/208-volt, 4-wire, single-phase service or feeder,				74 Amps					
Therefore, this dwelling unit shall be permitted to be served by a				100 amp service.					

DWELLING UNIT LOAD CALCULATION			
Project: Minnesota Apartments			
Unit Type: 3 Bedroom			
Area: 700 square feet(average)			
Minimum Size Feeder (NEC 220.40):			
General lighting load at 3 VA / SF			2,100 VA
Small Appliance load (2 ckt's at 1500VA each)			3,000 VA
Laundry Load (1 ckt at 1500VA)			1,500 VA
Range			8,000 VA
Other Cooking Appliance Load (Microwave Oven)			1,700 VA
Dishwasher Load			0 VA
Electric Dryer Load			5,400 VA
Electric Water Heater Load			0 VA
Disposal load			900 VA
Other motor loads			0 VA
Total "General Loads"			22,600 VA
First 10 kVA of "general loads" at 100%			10,000 VA
Remainder of "general loads" at 40%			5,040 VA
Net "general load"			15,040 VA
Largest of			0 VA
-or- 6,500			2,600 VA
-or-			0 VA
TOTAL LOAD			17,640 VA
For 120/208-volt, 4-wire, single-phase service or feeder, 17,640 VA / 208 volts =			85 Amps
Therefore, this dwelling unit shall be permitted to be served by a			100 amp service.



LIGHTING FIXTURE LIST					
TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
A1 A1E	LED 3000K 3000LM 31W	LITHONIA LIGHTING (OR APPROVED OTHER)	ZL1N-L46 SERIES	TYPE :4FT GENERAL PURPOSE STRIP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	STORAGE SPACE
A2	LED 3000K 2300LM 20W	NEO RAY LIGHTING (OR APPROVED OTHER)	S124DWC575D SERIES	TYPE :4FT WALL BRACKET MOUNTING :SURFACE (+7"-0" MIN) HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT A1E SHALL HAVE BATTERY BACKUP STAIRWELLS
B1 B1E	LED 3000K 2300LM 20W	NEO RAY LIGHTING (OR APPROVED OTHER)	S124DSC575D SERIES	TYPE :4FT LINEAR DIRECT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT B1E SHALL HAVE BATTERY BACKUP BIKE & EQUIPMENT ROOMS
C1 C1E	LED 3000K 1075LM 9W	USAI LIGHTING (OR APPROVED OTHER)	P4RDF SERIES	TYPE :4.5" DIA DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:NA VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT C1E SHALL HAVE BATTERY BACKUP LOBBY, CORRIDORS
C2 C2E	LED 3000K 1175LM 9W	USAI LIGHTING (OR APPROVED OTHER)	P3RD SERIES	TYPE :3" DIA DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL:NA VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT C2E SHALL HAVE BATTERY BACKUP LOBBIES
D1	LED 3000K 1790LM 34W	QUOIZEL LIGHTING (OR APPROVED OTHER)	PCOH282401SERIES	TYPE :24" DIA PENDANT MOUNTING :SUSPENDED HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT VERIFY MOUNTING HEIGHT MAIN LOBBY
S1	LED 3000K 1000LM 14W	LIGHTOLIER LIGHTING (OR APPROVED OTHER)	S7R SERIES	TYPE :7" DIA. DOWNLIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT UL LISTED WET LOCATION BUILDING EXTERIOR
S2	LED 3000K 1000LM 15W	ALCON LIGHTING (OR APPROVED OTHER)	11235 DIR-15 SERIES	TYPE :5" DIA EXTERIOR CYLINDER MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL:CLEAR TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT 60 DEGREE WIDE FLOOD UL LISTED WET LOCATION ENTRY CANOPY
S3	LED 3000K 2130LM 20W	STONCO LIGHTING (OR APPROVED OTHER)	LPW16 SERIES	TYPE :EXTERIOR WALL PACK MOUNTING :SURFACE (ABOVE DOOR) HOUSING :ALUMINUM LENS/REFL:ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE III DISTRIBUTION BUILDING SERVICE ENTRANCE
U1	LED 2700K 1000LM 15W	DESIGN CLASSICS (OR APPROVED OTHER)	DFR615-H-927-WH	TYPE :6" DIA CEILING LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL:ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	UL LISTED WET LOCATION UNIT KITCHEN, BATH,

U3	LED 3000K 1600LM 20W	KUZCO LIGHTING (OR APPROVED OTHER)	FM3511 SERIES	TYPE :11" DIA CEILING LIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL:FROSTED GLASS VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	FINISH PER ARCHITECT UNIT BEDROOM
U4	LED 3000K 1600LM 20W	KUZCO LIGHTING (OR APPROVED OTHER)	VL62220 SERIES	TYPE :20" T-Bar MOUNTING :SURFACE (2" ABOVE MIRROR) HOUSING :STEEL LENS/REFL:ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	FINISH PER ARCHITECT UNIT BATHROOM
X1 X2	LED (GREEN LETTERS) DMF LIGHTING (OR APPROVED OTHER) (1.5W)	LITHONIA DMF LIGHTING (OR APPROVED OTHER)	LE EL N SERIES DLED500EM-G	TYPE :EXIT SIGN MOUNTING :UNIVERSAL HOUSING :DIE-CAST ALUMINUM LENS/REFL:SINGLE FACE/DUAL FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	X1= SINGLE SIDE X2= DOUBLE SIDE

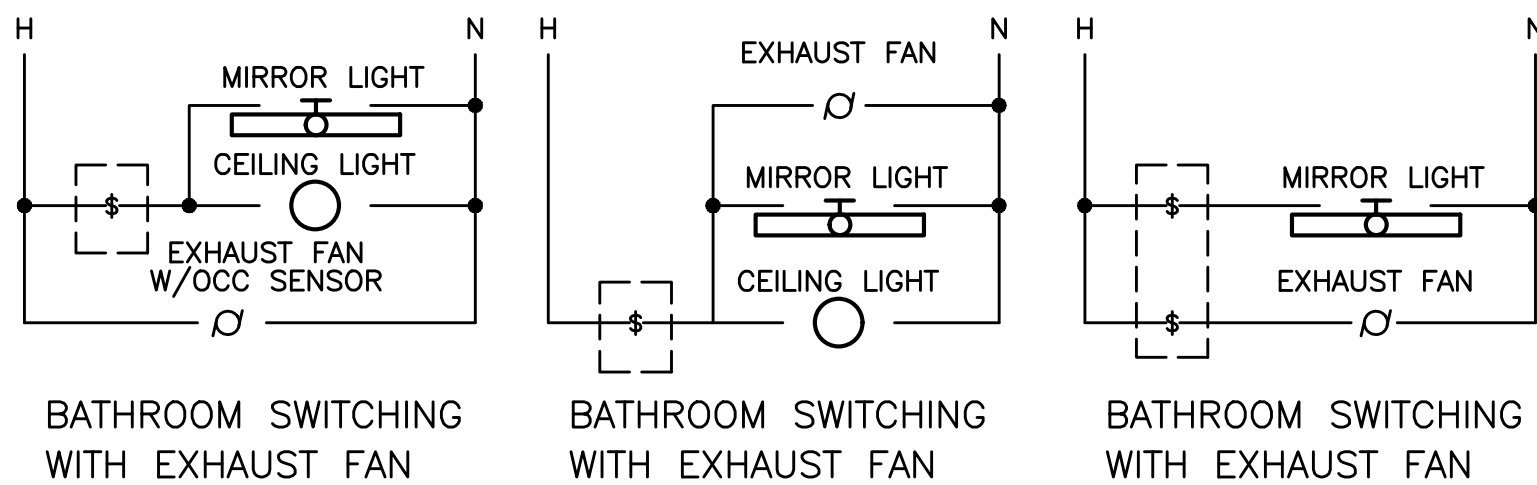
MECHANICAL EQUIPMENT SCHEDULE									
NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
EF-1	EXHAUST FAN NO.1	11.0W	120	1		1/2"	#12	#12	SEE TYP. UNITS E3.02
EF-2	EXHAUST FAN NO.2	11.0W	120	1		1/2"	#12	#12	HP-10 (PC)
SF-1	SUPPLY FAN NO.1	16.0W	120	1		1/2"	#12	#12	SEE POWER PLANS
EH-1	WALL HEATER NO.1	1.5KW	240	1		1/2"	#12	#12	SEE POWER PLANS
EH-2	WALL HEATER NO.2	500W	120	1		1/2"	#12	#12	H1-8
EH-3	WALL HEATER NO.3	1.5KW	240	1		1/2"	#12	#12	H1-35,37
B-1	BOILER NO.1 (GAS)		120	1		1/2"	#12	#12	H1-20 (PC)
B-2	BOILER NO.2 (GAS)		120	1		1/2"	#12	#12	H1-20 (PC)
P-1	PUMP NO. 1	336W	120	1		1/2"	#12	#12	H1-20 (PC)
RP-1	RECIRC PUMP NO.1	1/2HP	120	1		1/2"	#12	#12	H1-24
RP-2	RECIRC PUMP NO.2	1/2HP	120	1		1/2"	#12	#12	H1-26
SF-1	SUPPLY FAN NO.1		120	1		1/2"	#12	#12	SEE POWER PLANS
SP-1	SUMP PUMP NO.1	2x 3/4HP	208	3		1/2"	#12	#12	H1-28,30,32
WH-1	WATER HEATER NO.1 (GAS)		120	1		1/2"	#12	#12	H1-22 (PC)
WH-2	WATER HEATER NO.2 (GAS)		120	1		1/2"	#12	#12	H1-22 (PC)

GENERAL LIGHTING NOTES:

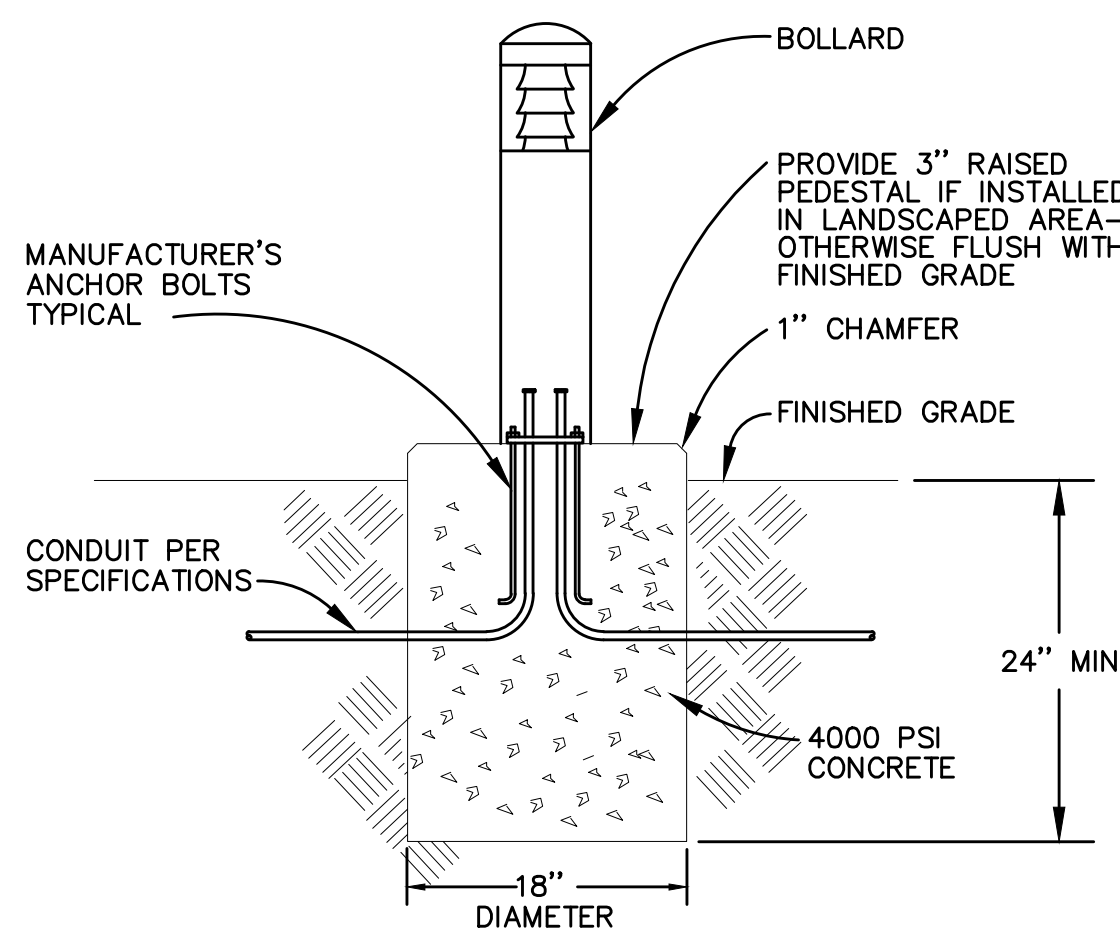
- A. WHEREVER POSSIBLE, SELECTED LIGHT FIXTURES SHALL HAVE ENERGY EFFICIENT LAMPS, BALLASTS DRIVERS AND/OR HAVE ENERGY COMPLIANT RATINGS SUCH AS DLC, ENERGY STAR, ETC.
- B. VERIFY ALL FIXTURE FINISHES WITH ARCHITECT PRIOR TO BID.
- C. VERIFY ALL FIXTURE LOCATIONS AND MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH IN.
- D. ALL LIGHTING SHALL BE 3000 KELVIN UNLESS OTHERWISE NOTED.
- E. ALL PRODUCT SUBSTITUTIONS AND ENGINEERING SHALL BE SUBMITTED FOR APPROVAL. PHASE, SHALL MEET DESIGN INTENT AND ALL SUBJECT TO OWNER APPROVAL.
- F. EXGRESS LIGHTING SHALL BE PROVIDED TO MEET MINIMUM LIGHT LEVELS AS DESCRIBED PER OREGON STRUCTURAL CODE 1003.3.
- G. BUILDING EXTERIOR LIGHTING SHALL BE CONTROLLED PHOTOCELL, EITHER INTEGRAL OR REMOTE, OR BY TIME CLOCK FOR DUSK-TILL-DAWN OPERATION.
- H. LIGHTING FIXTURES DESIGNATED AS NIGHT LIGHTS (N.L.) AND SMOKE DETECTOR LIGHTS SHALL BE ON 24/7.
- I. CORRIDOR LIGHTS SHALL BE PROVIDED WITH OCCUPANCY SENSOR(S), EITHER INTEGRAL OR REMOTE, TO PROVIDE 50% LIGHT REDUCTION DURING PERIODS OF INACTIVITY. ONCE ACTIVATED, LIGHTS ARE TO REMAIN AT 100% OUTPUT FOR A MINIMUM OF 20 MINUTES.
- J. DESIGN INTENT FOR CORRIDOR LIGHTING SHALL BE SUCH THAT LIGHTS INDICATED AS NIGHT LIGHTS (N.L.), SHALL BE ON 24/7. ALL OTHER LIGHT FIXTURES TO BE CIRCUITED VIA TIME CLOCK TO REDUCE CORRIDOR LIGHTING BY 50% DURING PERIODS OF LOW ACTIVITY (IE. 12AM - 4AM OR AS DIRECTED BY OWNER).

GENERAL EQUIPMENT NOTES:

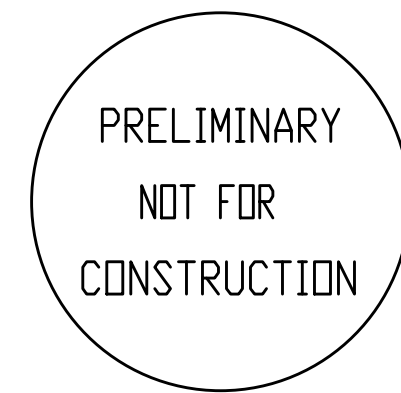
- A. CONTRACTOR/DESIGNER SHALL VERIFY ALL MECHANICAL EQUIPMENT CONNECTION LOAD REQUIREMENTS WITH THE MECHANICAL EQUIPMENT PROVIDER PRIOR TO ROUGH IN.
- B. MECHANICAL EQUIPMENT SIZES SHOWN IN THE MECHANICAL SCHEDULE ABOVE ARE FOR REFERENCE ONLY AND MAY NOT REFLECT THE ACTUAL EQUIPMENT TO BE INSTALLED.
- C. INDOOR & OUTDOOR COMPONENTS OF THE MINI-SPLIT SYSTEMS ARE INTERCONNECTED. CONSULT WITH AND COORDINATE THE ELECTRICAL REQUIREMENTS AND EXACT LOCATIONS WITH THE HVAC EQUIPMENT INSTALLER PRIOR TO ROUGH IN.
- D. REFER TO TYPICAL UNIT PLAN LOAD CENTER SCHEDULES ON THIS SHEET FOR CIRCUITING INFORMATION.



1 BATHROOM SWITCHING DIAGRAM - TYPICAL
E1.13 NO SCALE



2 BOLLARD LIGHT DETAIL
E1.13 NO SCALE



MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

ELECTRICAL
SCHEDULES
& DETAILS

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NATIVE LAND DEVELOPMENT

Project Name:

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5627 N. MINNESOTA
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Issued:

PRELIMINARY 6.21.2021

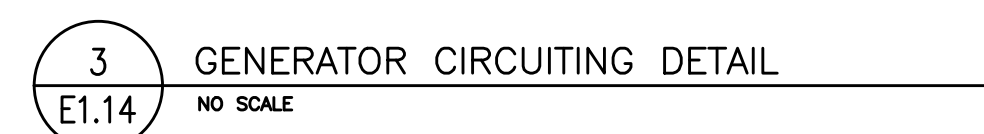
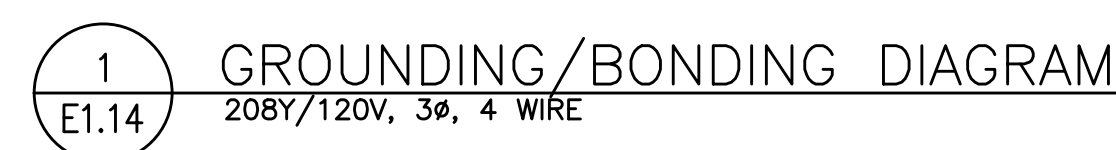
Job #: 2020

ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

ELECTRICAL
DETAILS

Drawing Number

E1.14

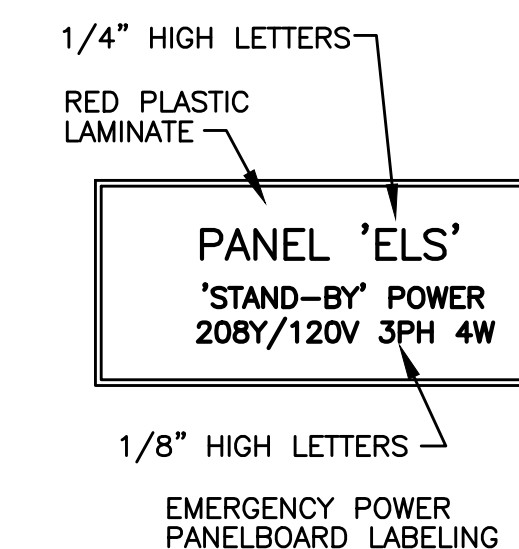
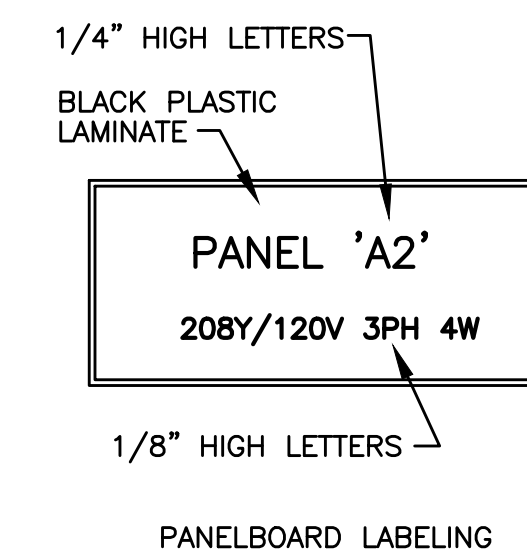


- NOTES:
1. 120V GENERATOR BLOCK HEATER. SEE PANEL E1.
 2. 120V GENERATOR BATTERY CHARGER. SEE PANEL E1.
 3. GENERATOR OUTPUT BREAKER AND CONTROL SECTION. SEE PANEL E1.
 4. POWER AND CONTROL TO TRANSFER SWITCH AND REMOTE ANNUNCIATOR. SEE ONE-LINE DIAGRAM ON SHEET E1.10.
 5. TO AUTOMATIC TRANSFER SWITCH. SEE E1.10.
 6. DIESEL GENERATOR TO BE PROVIDED WITH DOUBLE-WALL FUEL TANK AND SPILL CONTAINMENT PER CITY OF PORTLAND REQUIREMENTS.
 7. DIESEL GENERATOR TANK SHALL DOUBLE WALLED AND BE EQUIPPED WITH OVERFILL PROTECTION (AUTO SHUTOFF), 5 GALLON INFILL SPILL BUCKET WITH DRAIN BACK, 12FT ABOVE GRADE TANK FUME VENTING AND ONSITE PRESSURE TESTING PER CITY REQUIREMENTS.



ADDRESSABLE DETECTOR CONTROL

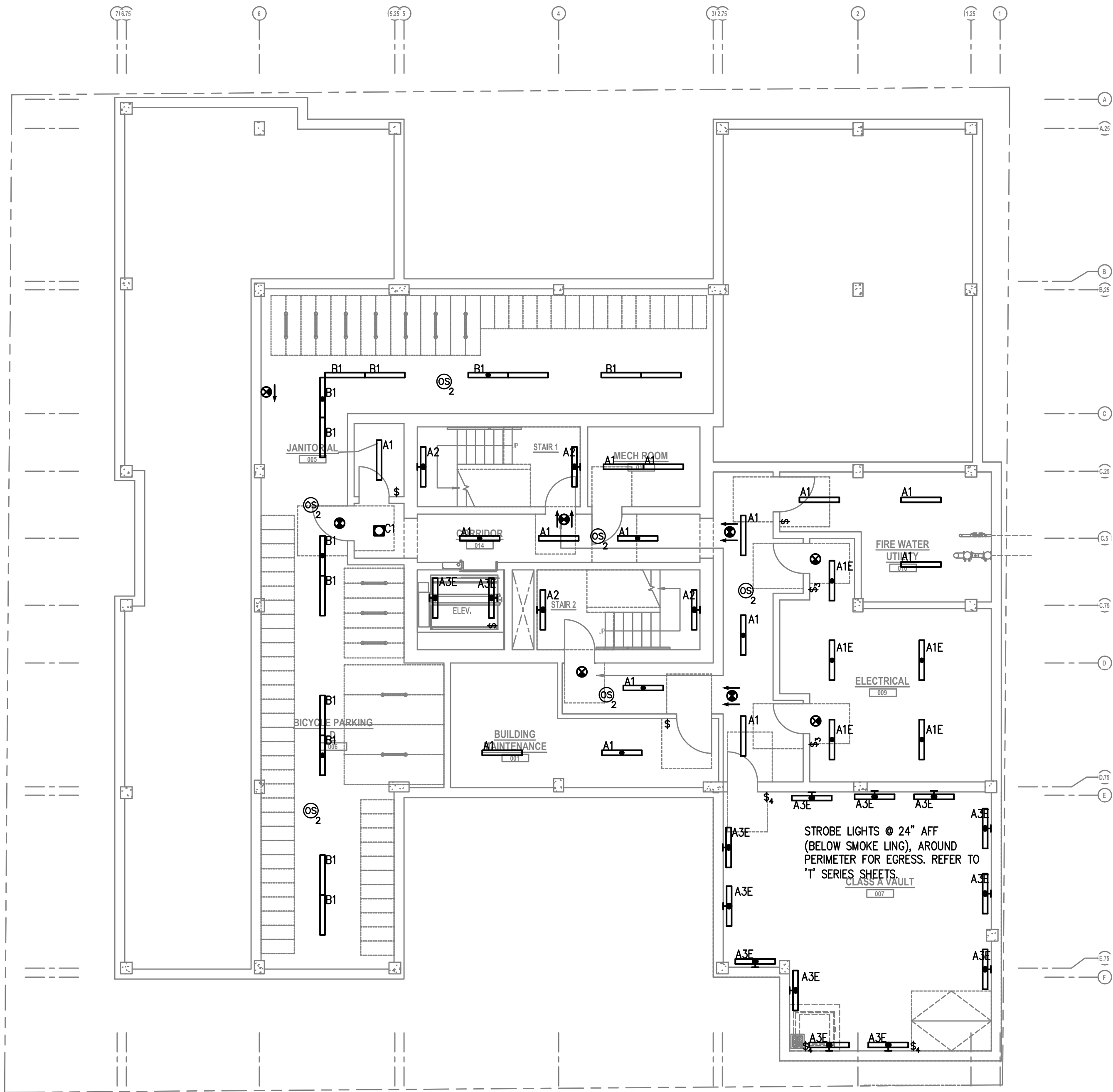
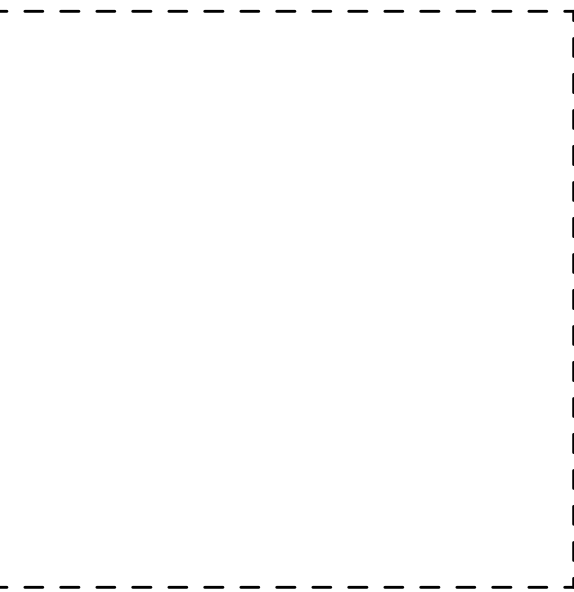
- A** RELAY TO BE 'NORMALLY OPEN'. TDOOD (TIME DELAY ON DE-ENERGY) SET FOR 15 SECONDS. RELAY TO CLOSE UPON SIGNAL FROM HVAC CONTROL SYSTEM (ALLOWS DAMPER TO OPEN); DAMPERS TO CLOSE ON DE-ENERGIZE AFTER 15 SEC. TIME-OUT. PROVIDE WITH 20A CONTACTS AND COIL VOLTAGE AS REQ'D BY HVAC CONTROL SYSTEM. MOUNT RELAY IN NEMA 1 ENCLOSURE ADJACENT TO HVAC CONTROL PANEL.
- B** RELAY TO BE 'NORMALLY ENERGIZED'. RELAY TO BE DE-ENERGIZED UPON SIGNAL FROM FIRE ALARM SYSTEM (ALLOWS DAMPERS TO CLOSE). PROGRAM FIRE ALARM SYSTEM FOR 15 SECOND DELAY BETWEEN SMOKE DETECTOR ACTIVATION AND FIRE/SMOKE DAMPER SHUTDOWN. PROVIDE WITH 20A CONTACTS AND COIL VOLTAGE AS REQ'D BY FIRE ALARM SYSTEM. MOUNT RELAY IN NEMA 1 ENCLOSURE ADJACENT TO FIRE/SMOKE DAMPER.



CHBOARD/PANEL LABELING DETAIL

NOTE: ALL LETTERS ARE ENGRAVED WHITE

Drawing Number



1 BASEMENT LEVEL LIGHTING PLAN
E2.00 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/Common AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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CONTACT: DENISE TAYLOR

Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

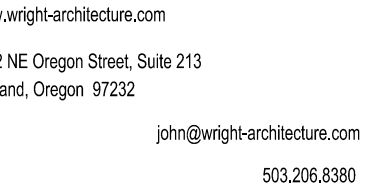
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:	
PRELIMINARY	6.21.2021
Job #:	2020
ORIGINAL SHEET SIZE: 24" x 36"	
HALF SIZE: 12" x 18"	

BASEMENT
LEVEL
LIGHTING PLAN

Drawing Number
E2.00



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Project Name: _____

208 N. JESSUP &
527 N. MINNESOTA
(R226159, R226160)

REELIMINARY 6.21.2021

FIRST FLOOR LIGHTING PLAN

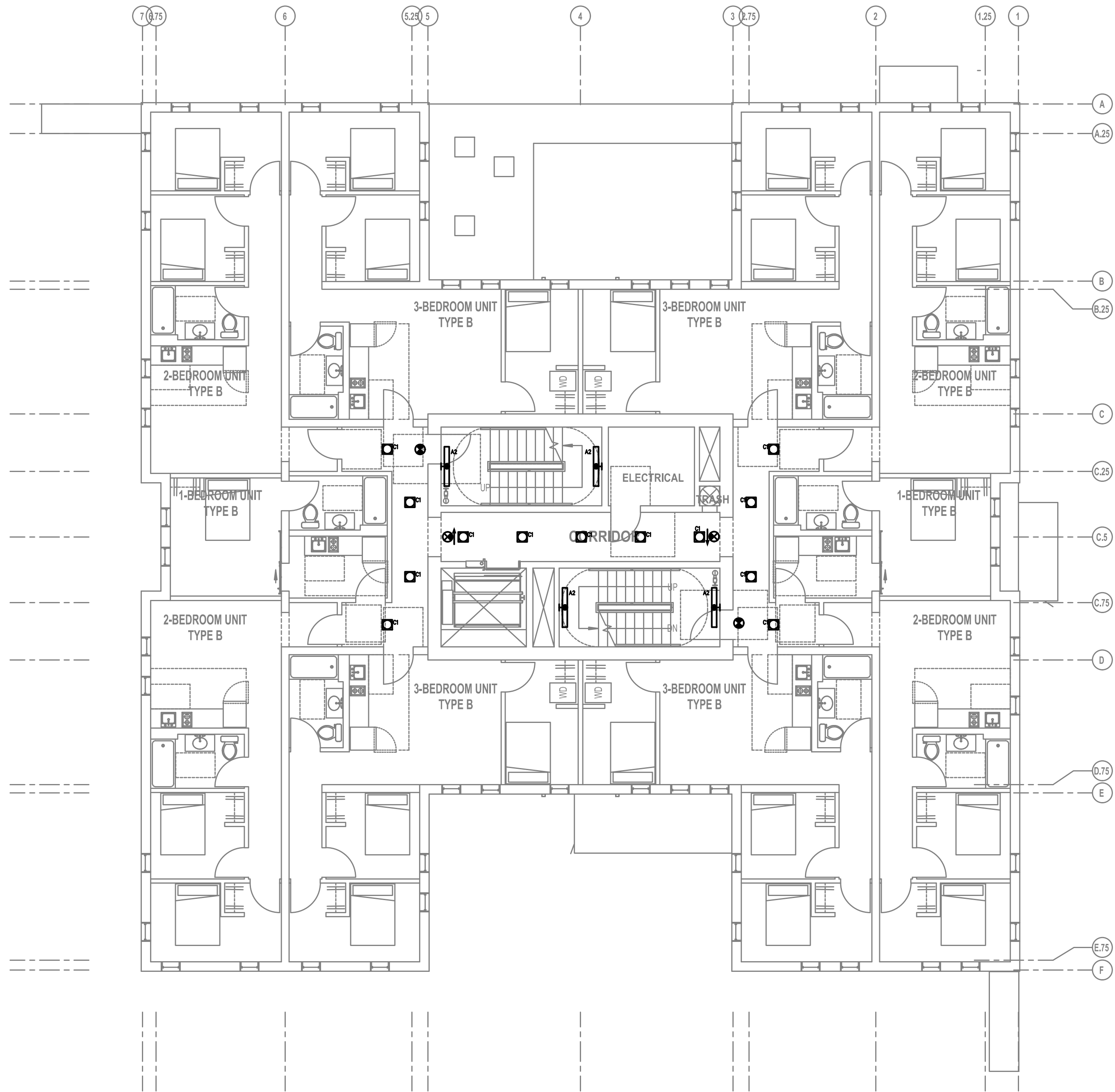
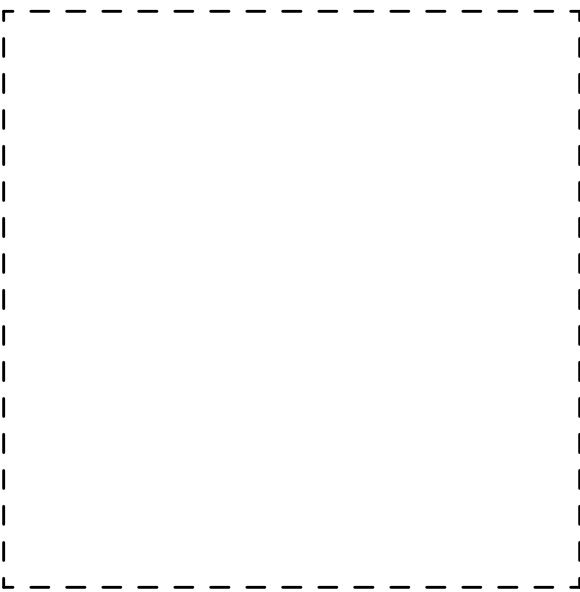
Drawing Number

E2.01



- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



1 SECOND FLOOR LIGHTING PLAN
E2.02 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

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PLACES

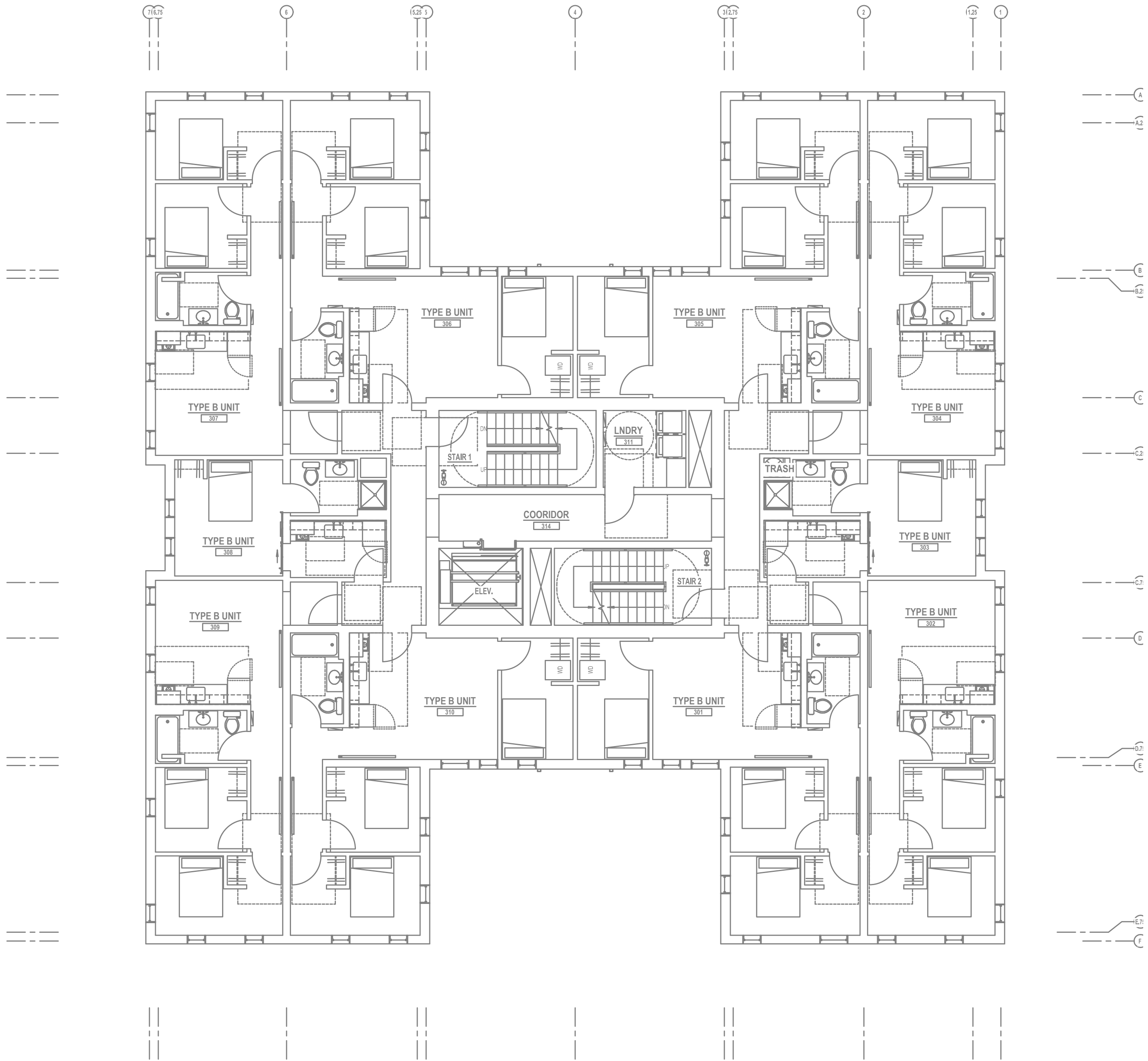
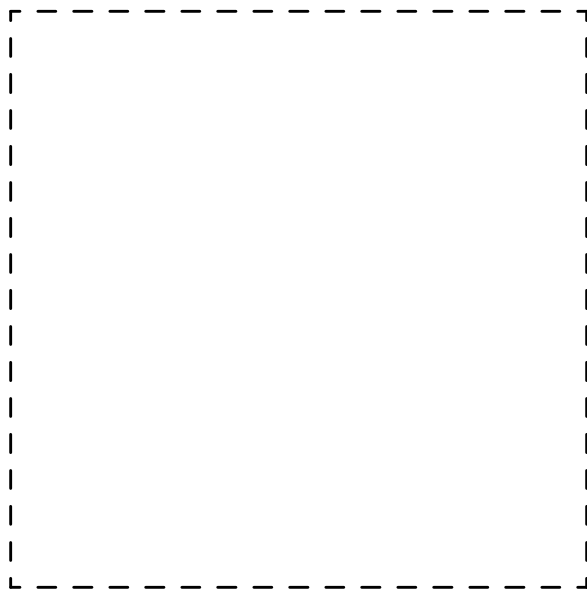
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:	
PRELIMINARY	6.21.2021
Job #:	2020
ORIGINAL SHEET SIZE: 24" x 36"	
HALF SIZE: 12" x 18"	

SECOND FLOOR
LIGHTING PLAN

Drawing Number
E2.02



1 THIRD FLOOR LIGHTING PLAN
E2.03 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/Common AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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CONTACT: DENISE TAYLOR

Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

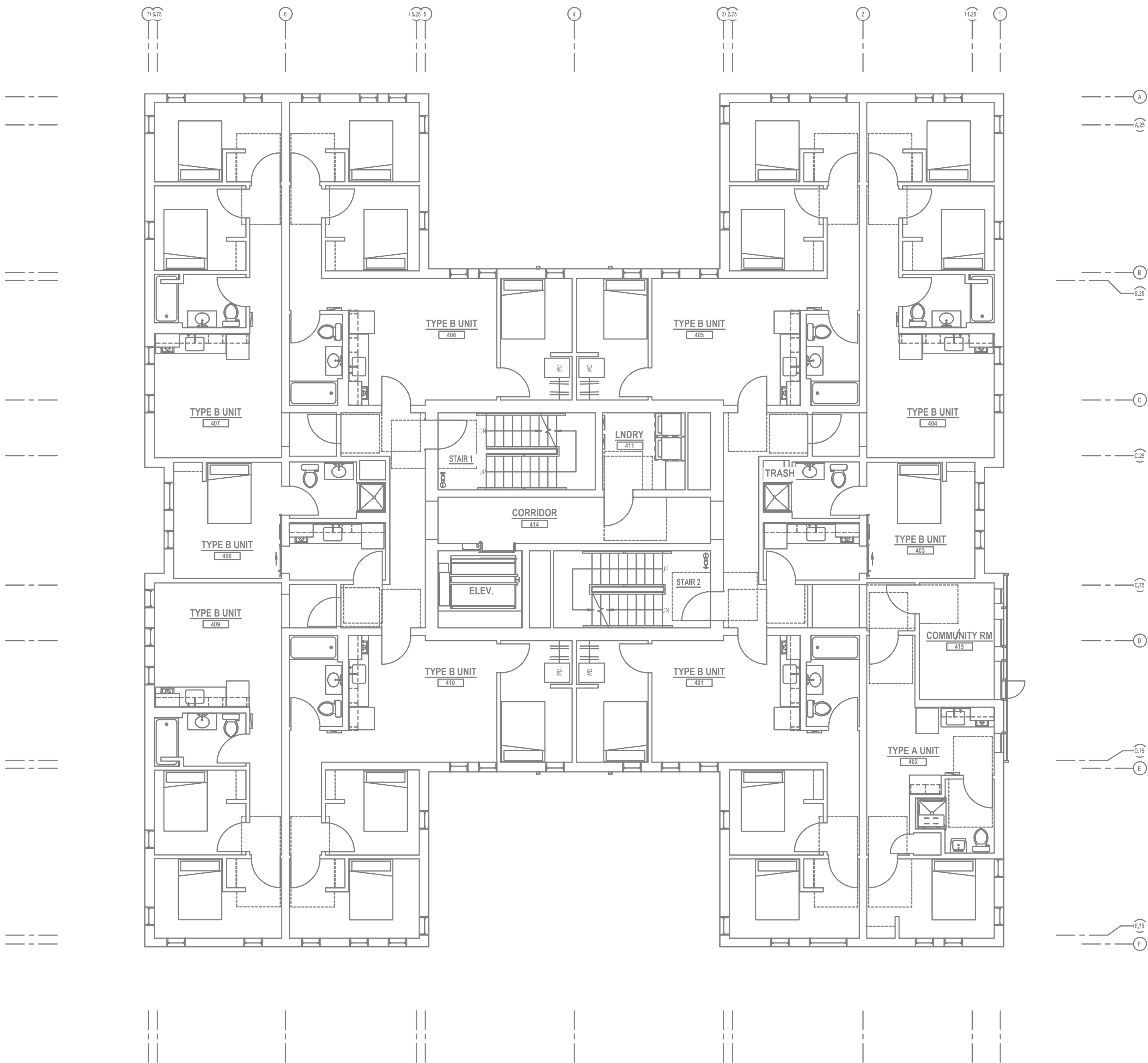
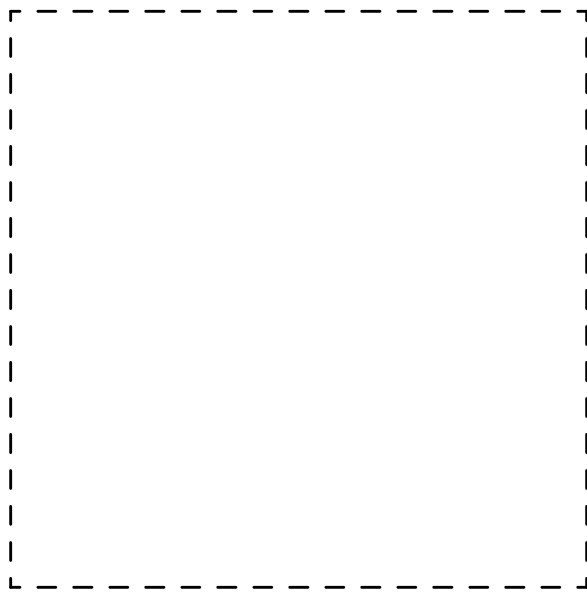
1208 N. JESSUP &
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REVISED
SCHEMATIC
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Issued:	
PRELIMINARY	6.21.2021
Job #:	2020
ORIGINAL SHEET SIZE: 24" x 36"	
HALF SIZE: 12" x 18"	

THIRD FLOOR
LIGHTING PLAN

Drawing Number
E2.03



1 FOURTH FLOOR LIGHTING PLAN
E2.04 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:
MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

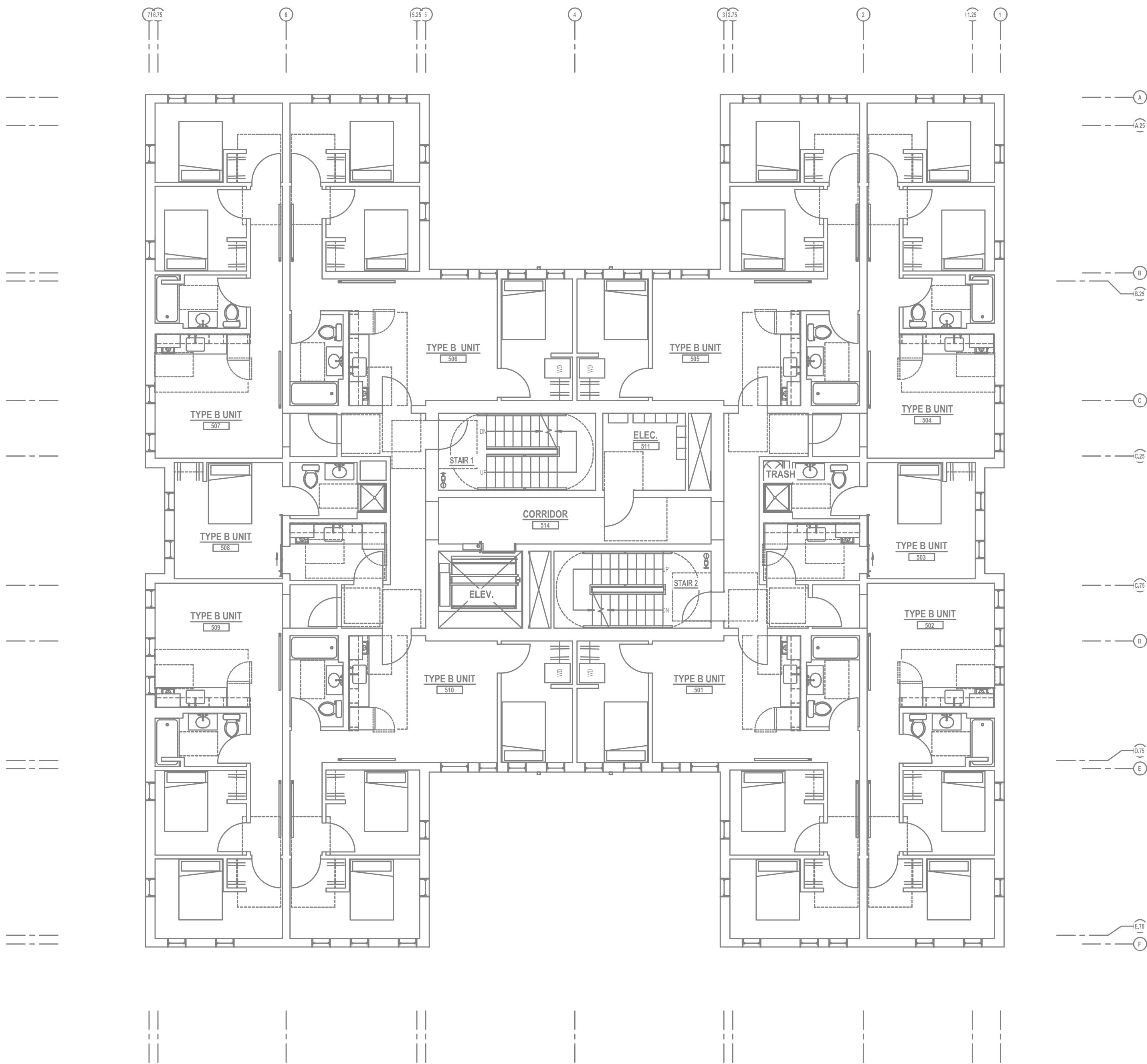
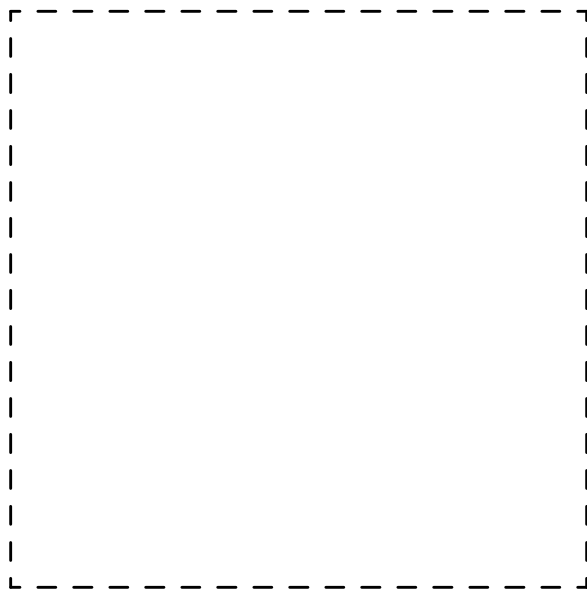
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SCHEMATIC
COORDINATION
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Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

FOURTH FLOOR
LIGHTING PLAN

Drawing Number
E2.04



1 FIFTH FLOOR LIGHTING PLAN
E2.05 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
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KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
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- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

1208 N. JESSUP &
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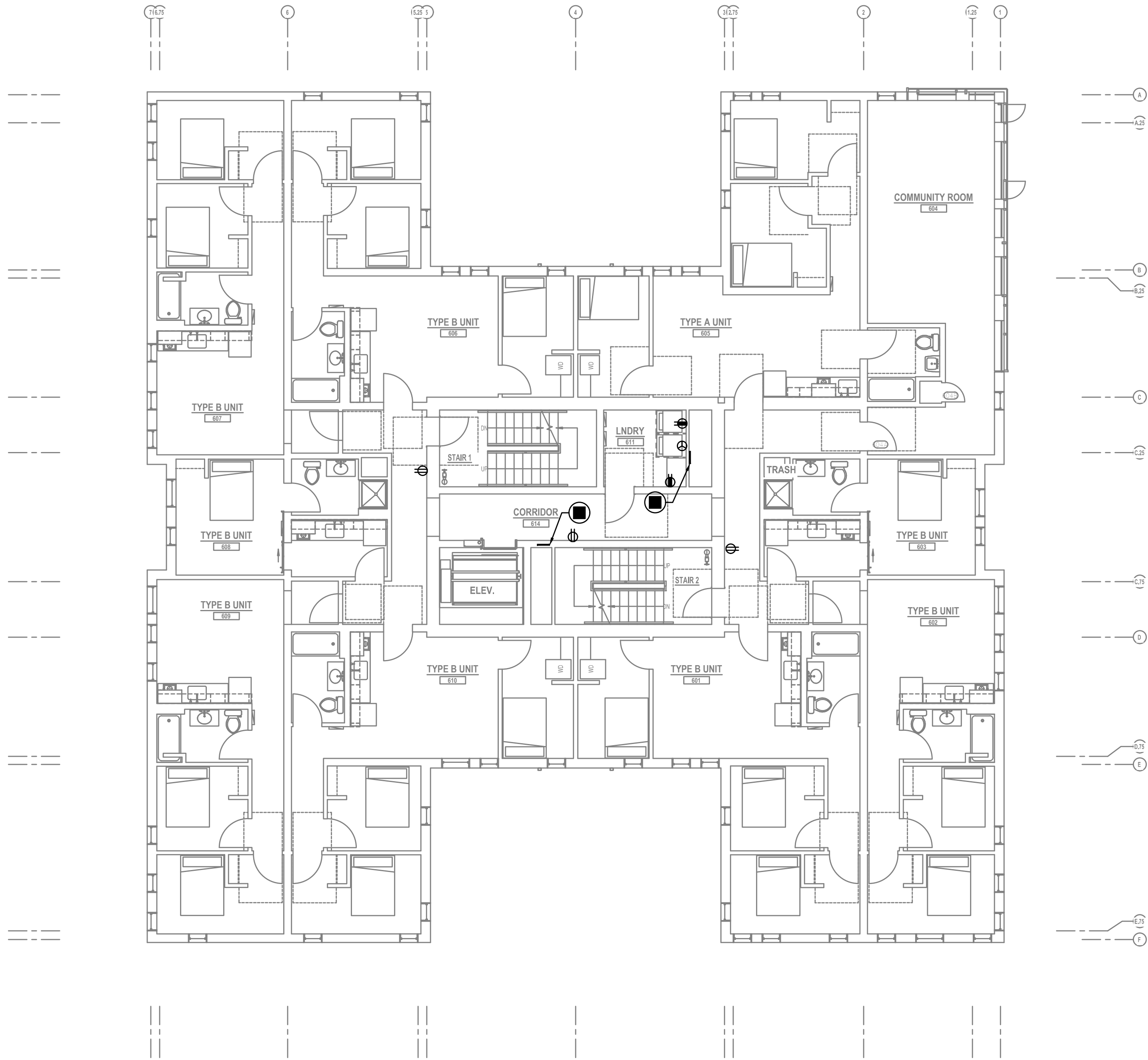
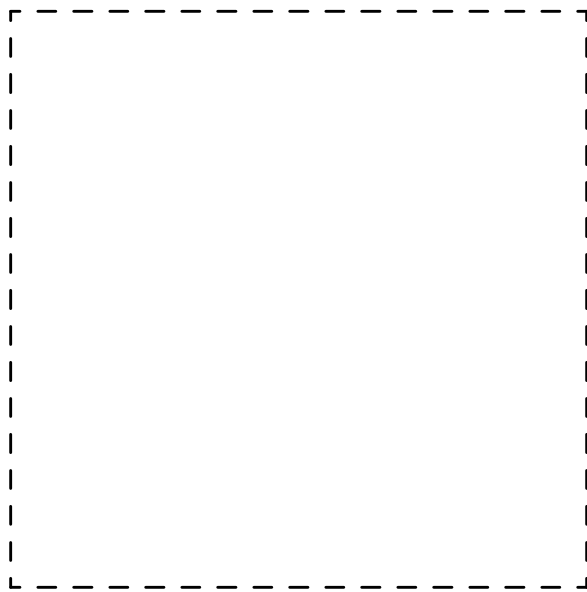
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Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

FIFTH FLOOR
LIGHTING PLAN

Drawing Number
E2.05



1 SIXTH FLOOR LIGHTING PLAN
E2.06 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
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- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
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KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

SIXTH FLOOR
LIGHTING PLAN

Drawing Number
E2.06



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Project Name:

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
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7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



Issued:

PRELIMINARY 6.21.2021

Job #: 2020

ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

Drawing Number

E2.07



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CONSTRUCTION

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CONTACT: DENISE TAYLOR

Project Owner: _____

ALTERNATIVE LAND DEVELOPMENT

Project Name: _____

MINNESOTA
PLACES

208 N. JESSUP &
5627 N. MINNESOTA
R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

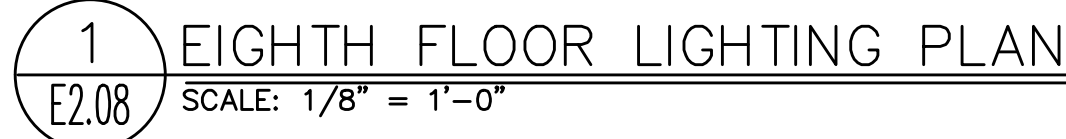
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

EIGHTH FLOOR LIGHTING PLAN

Drawing Number

E2.08

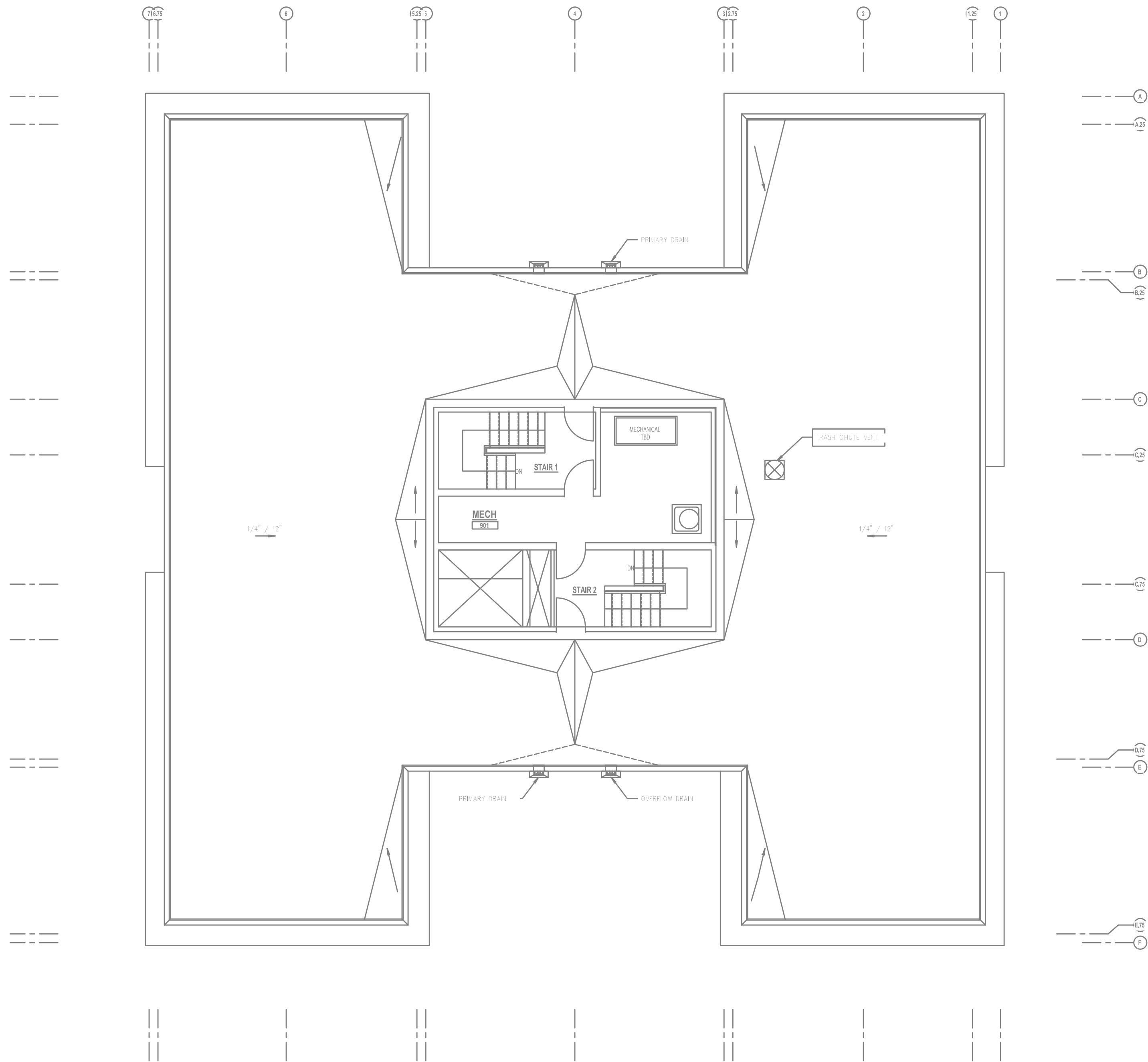
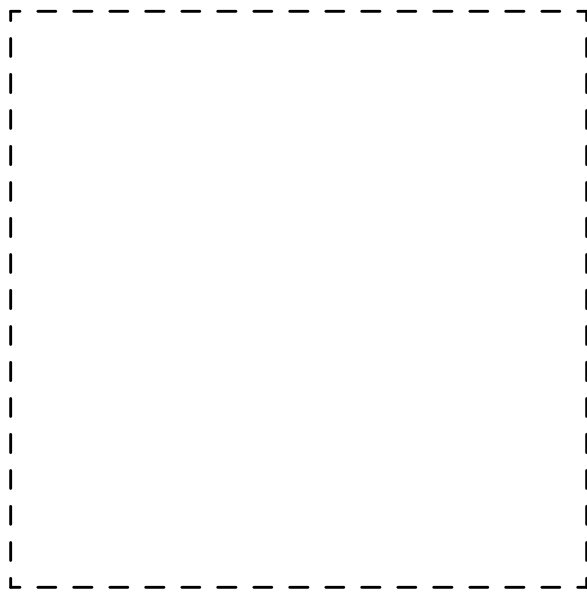


GENERAL LIGHTING NOTES:

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- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR EXACT LOCATIONS, MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.
- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.
- E. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE PROPER COVERAGE AND CONTROL.
- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
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KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
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5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.



1 ROOF LEVEL LIGHTING PLAN
E2.09 SCALE: 1/8" = 1'-0"

GENERAL LIGHTING NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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- G. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- H. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
- I. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.
- J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/Common AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.
- K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

KEYED NOTES:

- 1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
- 2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
- 3. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 4. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.
- 5. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.
- 6. REFER TO SHEET E1.12 FOR TYPICAL DWELLING UNIT LOAD CENTER SCHEDULE FOR CIRCUITING INFORMATION.
- 7. REFER TO THE E3 SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER DEVICE LAYOUT.

PRELIMINARY
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Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

Issued:
PRELIMINARY 6.21.2021

Job #: 2020
ORIGINAL SHEET SIZE: 24" x 36"
HALF SIZE: 12" x 18"

ROOF LEVEL
LIGHTING PLAN

Drawing Number
E2.09

GENERAL POWER NOTES:

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- B. WORK SHALL BE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- C. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR, AS REQUIRED. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- D. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS AS REQUIRED. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- E. COORDINATE WITH DIVISION 23 FOR EXACT LOCATION AND POWER REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH IN. REFER TO SHEET E1.13 FOR MECHANICAL EQUIPMENT SCHEDULE.
- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.
- H. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON SIEMENS PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT INSTALLED EQUIPMENT FITS THE SPACE PROVIDED AND THAT ALL REQUIRED WORKING CLEARANCES ARE PROVIDED.
- I. THE CLASS 'A' TRANSFORMER VAULT SHALL BE IN ACCORDANCE WITH NEC REQUIREMENTS AS WELL AS THOSE OF THE UTILITY PROVIDER. MAN-DOOR(S) SHALL BE EQUIPPED WITH PANIC HARDWARE AND AN OUTWARD SWING.
- J. RESIDENTIAL METERS LOCATED ON FLOORS 2 & 5.
- J. METER ROOM DOORS SHALL BE EQUIPPED WITH PANIC HARDWARE AND AN OUTWARD SWING.

KEYED POWER NOTES:

1. PROVIDE 24/7 ACCESS FOR THE UTILITY PROVIDER, TO THE METER ROOM AND TRANSFORMER ROOM BY PROVIDING AN APPROVED KEY BOX.
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5. CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
6. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
7. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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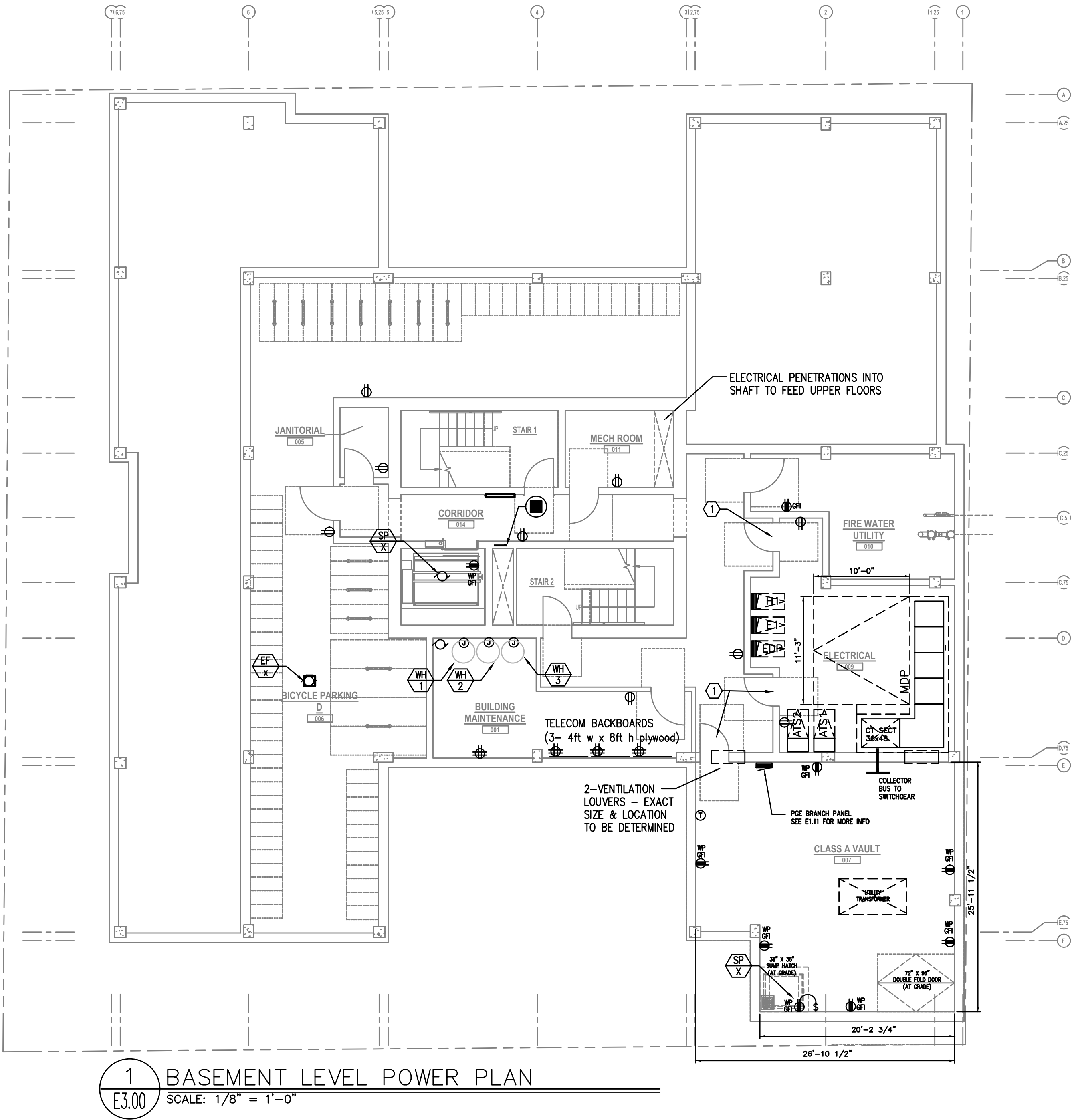
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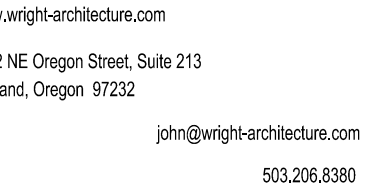
BASEMENT
LEVEL
POWER PLAN

Drawing Number
E3.00



CLASS A TRANSFORMER VAULT GENERAL NOTES

1. VAULT ROOM DOORS SHALL BE BLAST-RATED METAL DOORS. DOORS AND VENT SHUTTERS MUST HAVE A THREE HOUR BLAST & FIRE RATING PER NFPA 450.43.
2. VAULT VENTS MUST HAVE SHUTTERS THAT ARE AUTOMATICALLY CLOSED BY THE HEAT DETECTOR IN THE FIRE SUPPRESSION SYSTEM HEAT DETECTORS SHALL MEET NFPA 72 REQUIREMENTS.
3. PROVIDE TWO "RATE TO RISE" HEAT DETECTORS PER THE UTILITY PROVIDER'S REQUIREMENTS. LOCATE ONE ABOVE THE TRANSFORMER AND ONE OTHER WITHIN THE ROOM.
4. ALL OPENING, GAPS & CRACKS MUST BE SEALED WITH THREE-HOUR RATED FIRE CAULKING. CONSULT UTILITY PROVIDER FOR APPROVED PRODUCTS.
5. NON-METALIC SEISMIC-APPROVED CABLE TRAY WITH GALVANIZED HARDWARE SHALL BE INSTALLED IN VAULT ROOMS WITH CEILING GREATER THAN 10 FEET HIGH.
6. ALL MATERIALS AND PRODUCTS USED WITHIN THE CLASS A VAULT IS SUBJECT TO THE UTILITY PROVIDER'S APPROVAL.
7. PRIMARY SERVICE CONDUCTORS FROM THE PROPERTY LINE TO THE VAULT SHALL BE IN SCHEDULE 40 PVC PER THE UTILITY PROVIDER'S DIRECTION. ALL CONDUIT PENETRATIONS MUST BE SEALED WITH A FLEXIBLE NON-SHRINK HYDROPHOBIC GROUT TO PREVENT WATER INTRUSION.
8. THE CLASS A VAULT SHALL BE PROVIDED WITH BOTH EQUIPMENT AND UFER GROUNDING PER THE UTILITY PROVIDER'S REQUIREMENTS.
9. PROVIDE TWO DIRECT UFER GROUND CONNECTIONS TO THE BUILDING FOOTER OR SOLDIER PILING. CONNECTIONS TO BE LOCATED AT OPPOSITE CORNERS OF THE VAULT FLOOR IN ACCORDANCE WITH NEC 250.
10. PROVIDE A CONTINUOUS LOOP OF 250MCM BARE COPPER AROUND THE ROOM AT 24 INCHES ABOVE THE FLOOR, WITH HUBS AT 5-FOOT INTERVALS.
11. REFER TO E2 SERIES SHEETS FOR LIGHTING WITHIN THE VAULT ROOM.
12. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH THE UTILITY PROVIDER AND THE PROVIDER'S REQUIREMENTS FOR CLASS A TRANSFORMER VAULTS PRIOR TO THE START OF ANY WORK. THE UTILITY PROVIDER IS THE AUTHORITY REGARDING ALL ASPECTS OF THE VAULT ROOM



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208 N. JESSUP &
527 N. MINNESOTA
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REELIMINARY 6.21.2021

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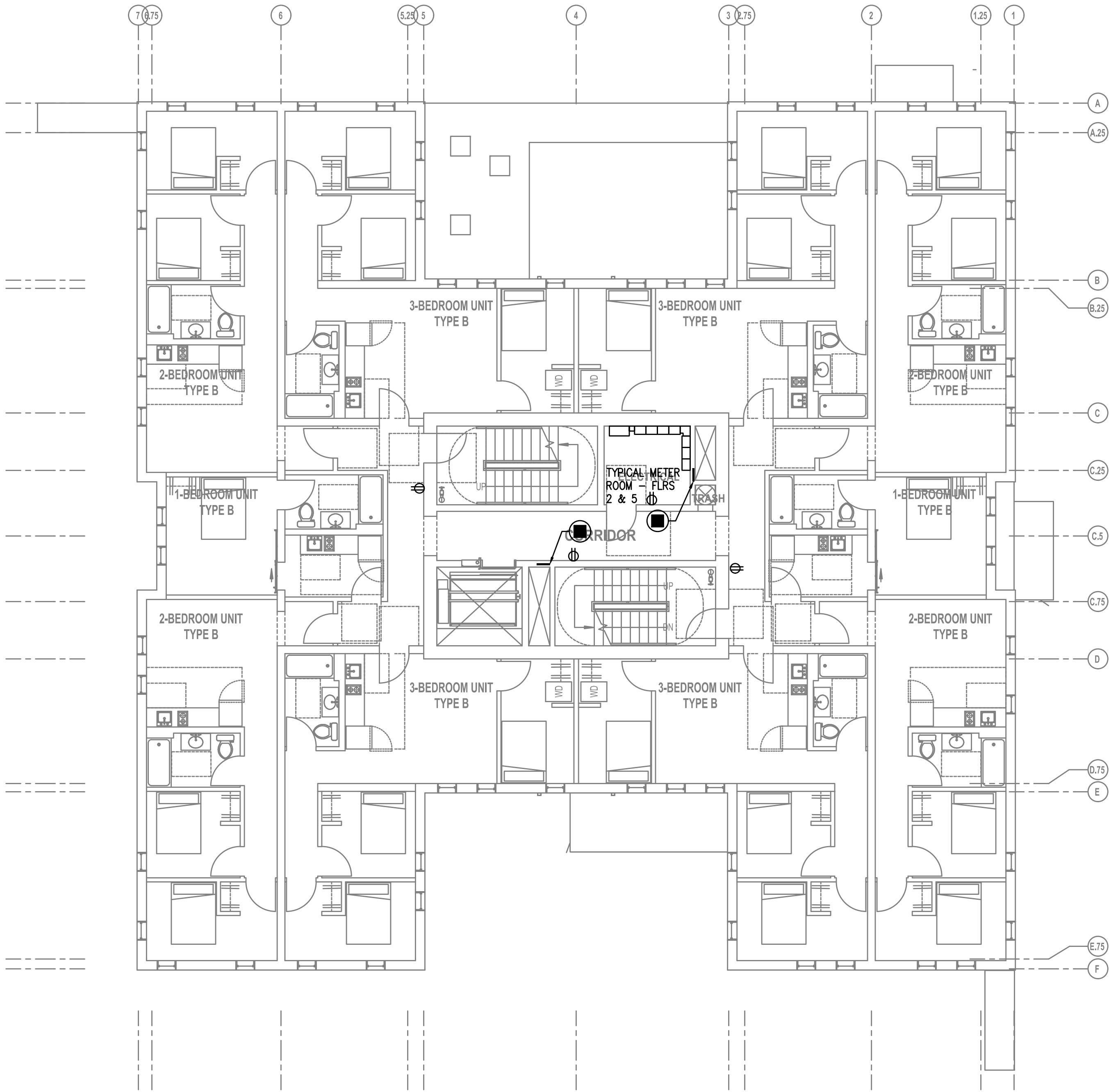
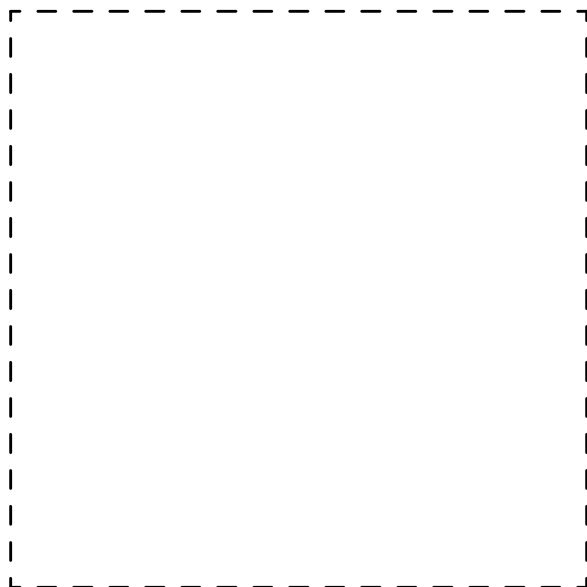
Drawing Number

E3.01



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1 SECOND FLOOR POWER PLAN
E3.02 SCALE: 1/8" = 1'-0"

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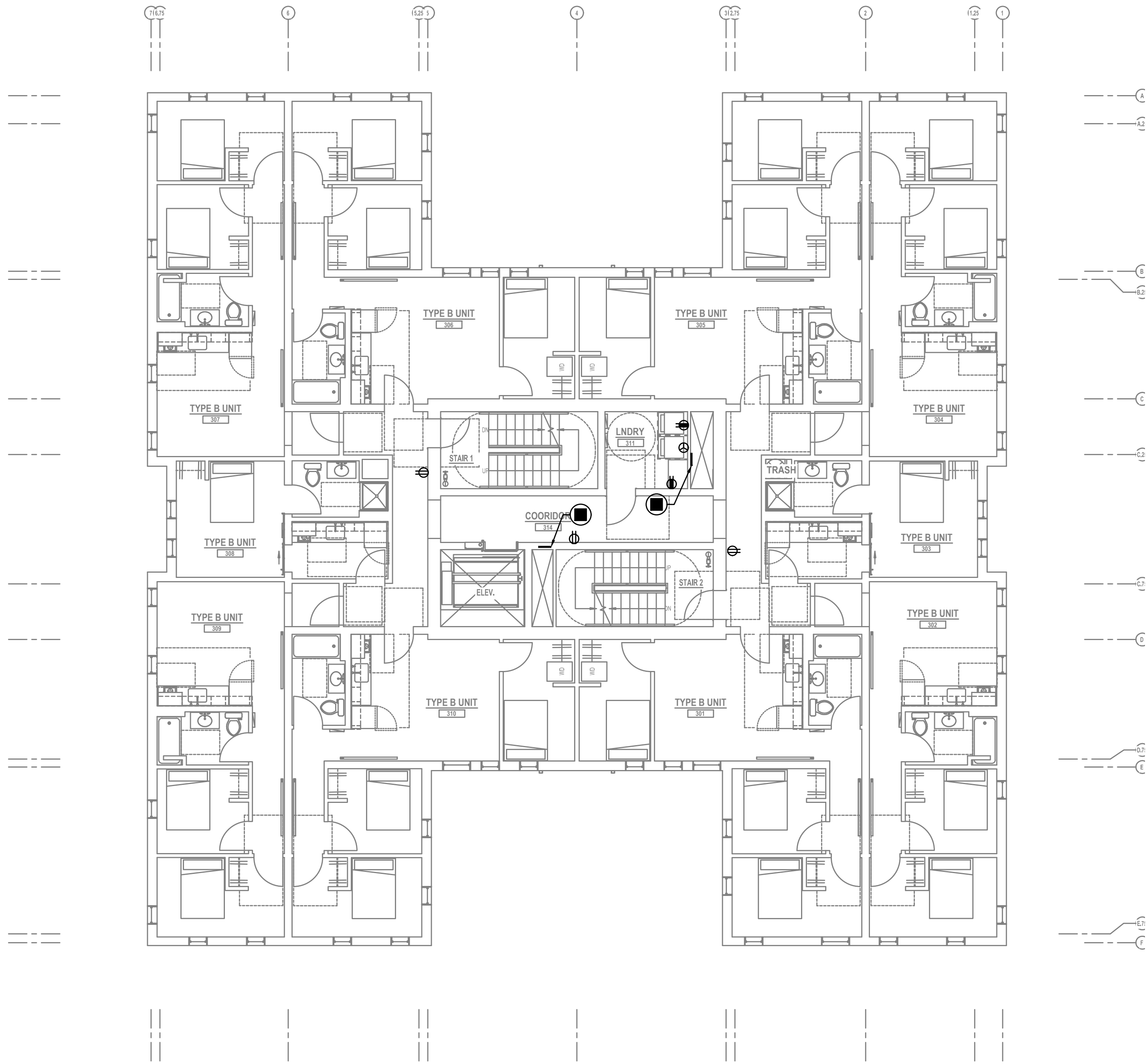
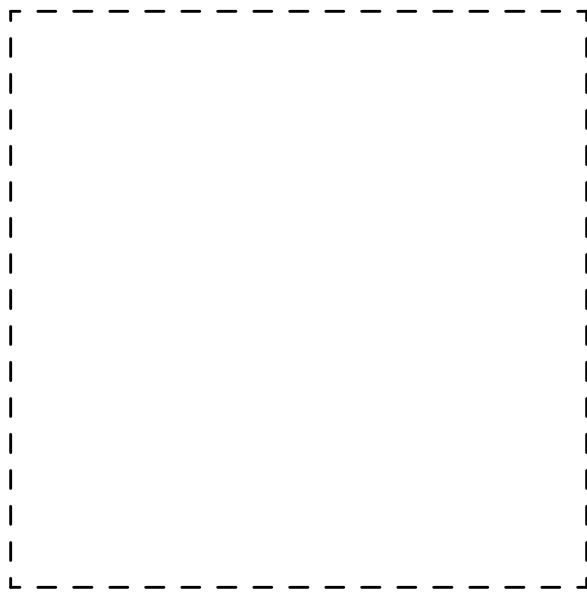
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SECOND FLOOR
POWER PLAN

Drawing Number
E3.02



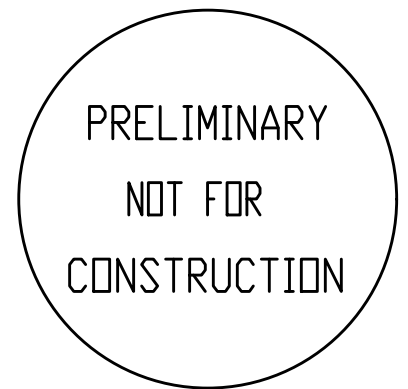
1 THIRD FLOOR POWER PLAN
E3.03 SCALE: 1/8" = 1'-0"

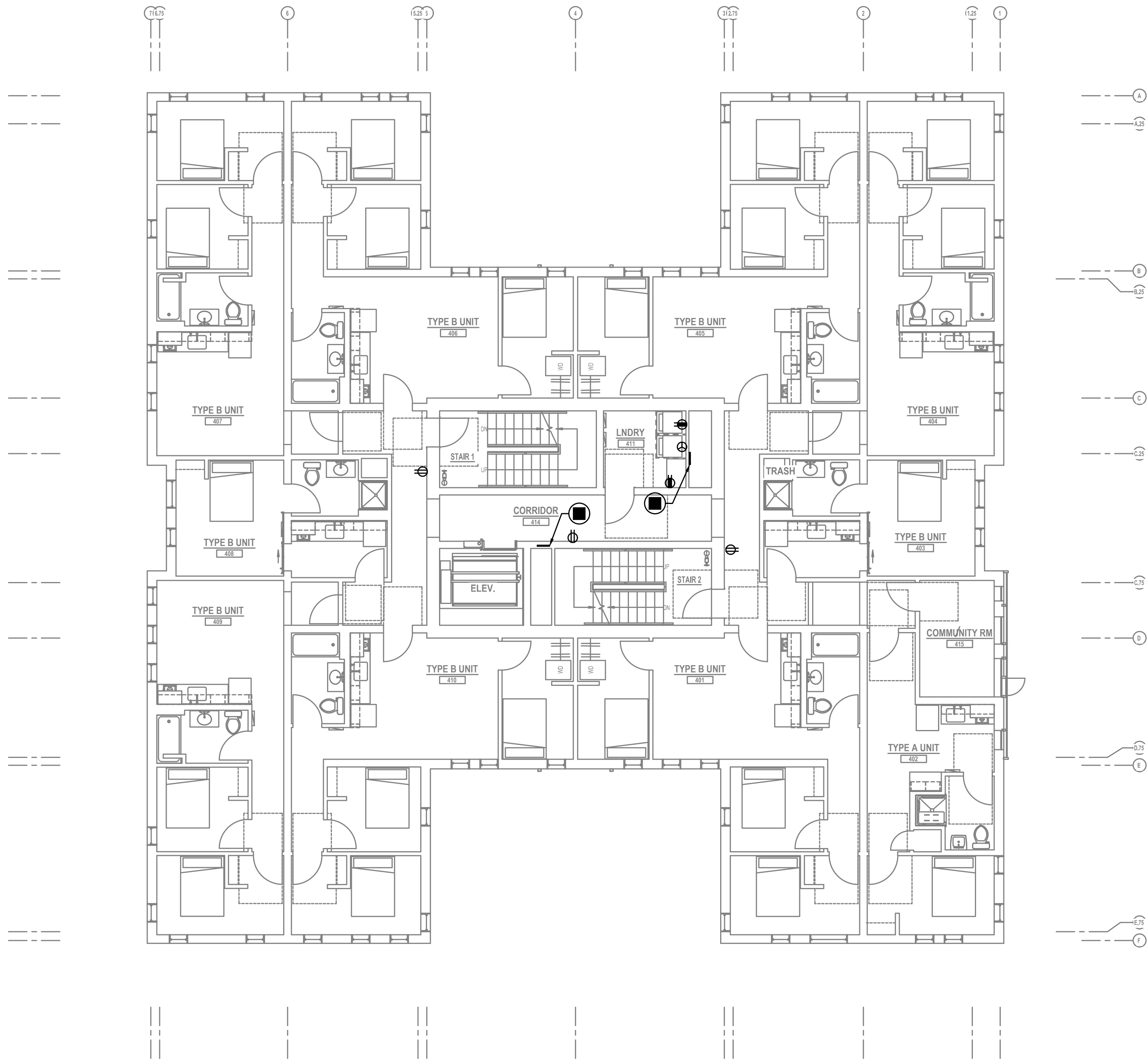
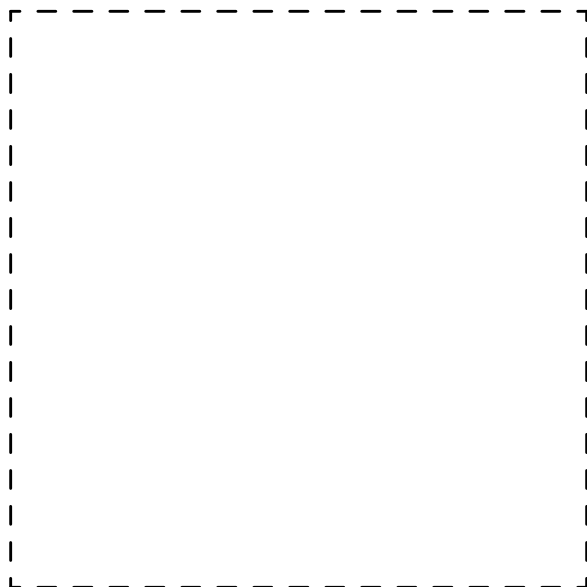
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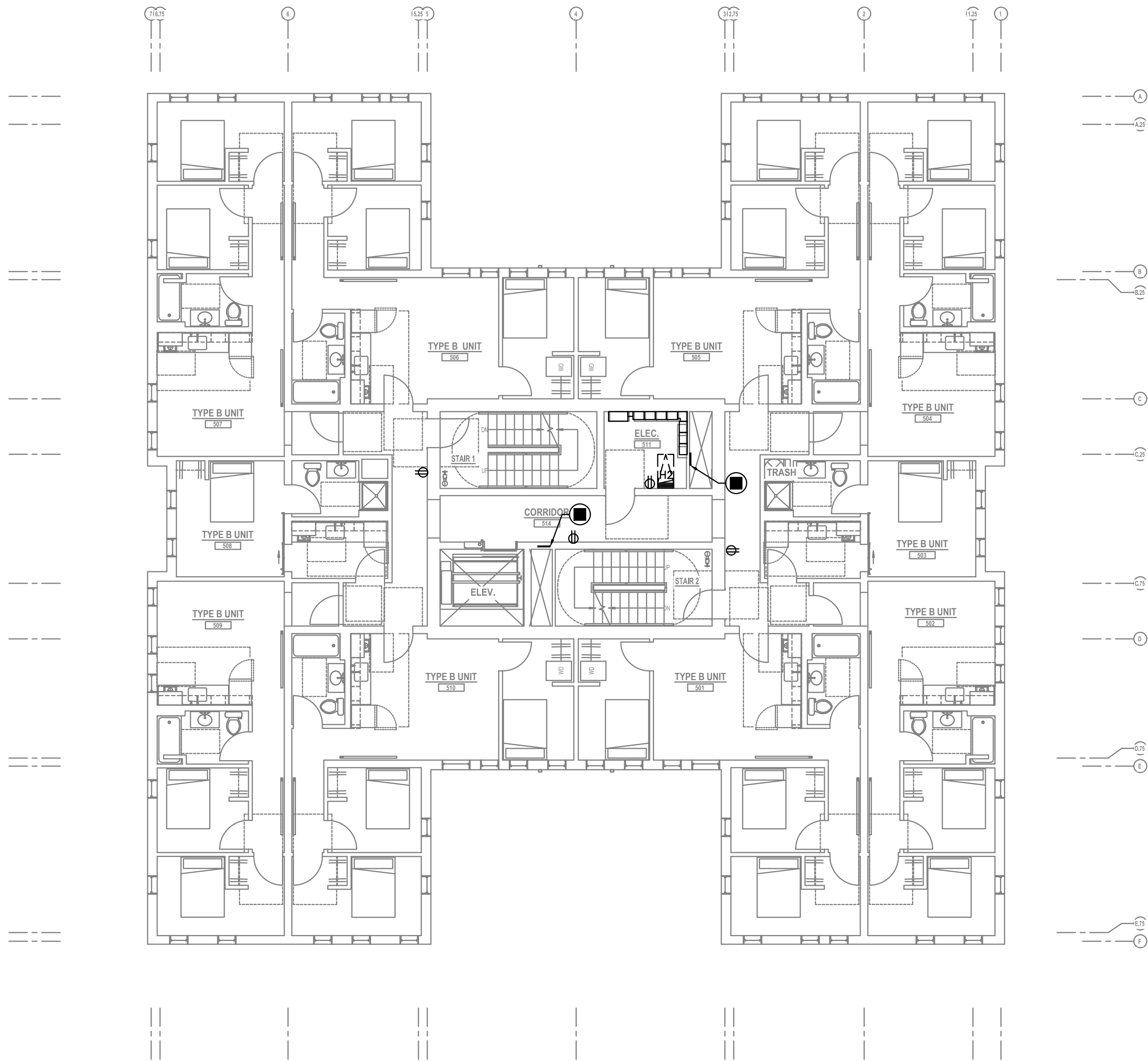
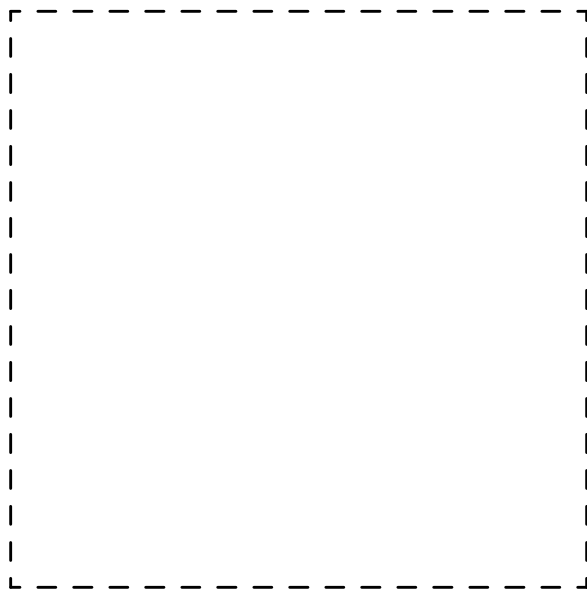
1 FOURTH FLOOR POWER PLAN
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- F. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- G. ELECTRICAL CONTRACTOR SHALL REFER TO THE 'T' SERIES SHEETS AND PROVIDE ROUGH FOR THE LOW VOLTAGE SYSTEMS/FIRE ALARM INSTALLER.
- L. REFER TO 'E4' SERIES SHEETS FOR TYPICAL DWELLING UNIT POWER PLANS.
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- 6. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 7. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCE CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
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- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.



1 FIFTH FLOOR POWER PLAN
E3.05 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

- A. ELECTRICAL DRAWINGS ARE DIAGRAMMATICAL AND MAY NOT ACCURATELY REFLECT ACTUAL CONSTRUCTION CONDITIONS. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE INSTALLATION OF ALL ELECTRICAL EQUIPMENT, WITH ALL TRADES PRIOR TO AND DURING CONSTRUCTION.
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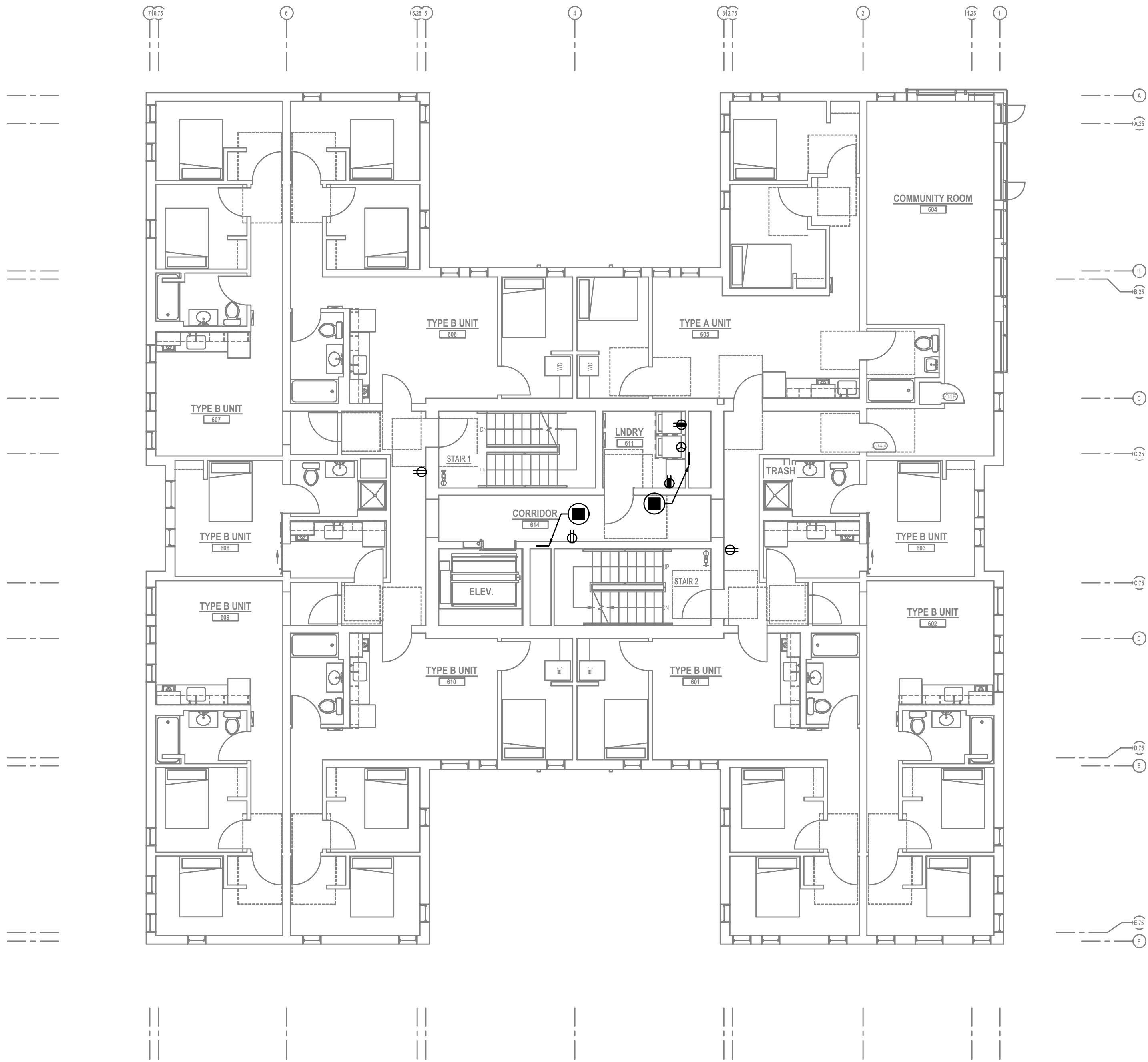
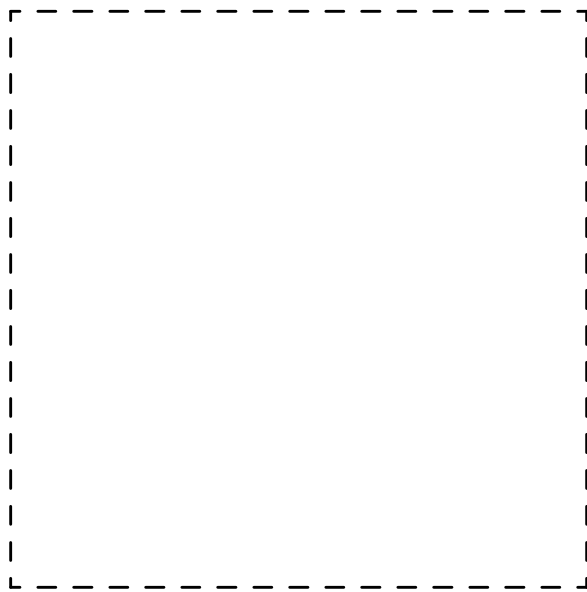
Project Name:
MINNESOTA
PLACES
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

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Issued:
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HALF SIZE: 12" x 18"

FIFTH FLOOR
POWER PLAN

Drawing Number
E3.05



1 SIXTH FLOOR POWER PLAN
E3.06 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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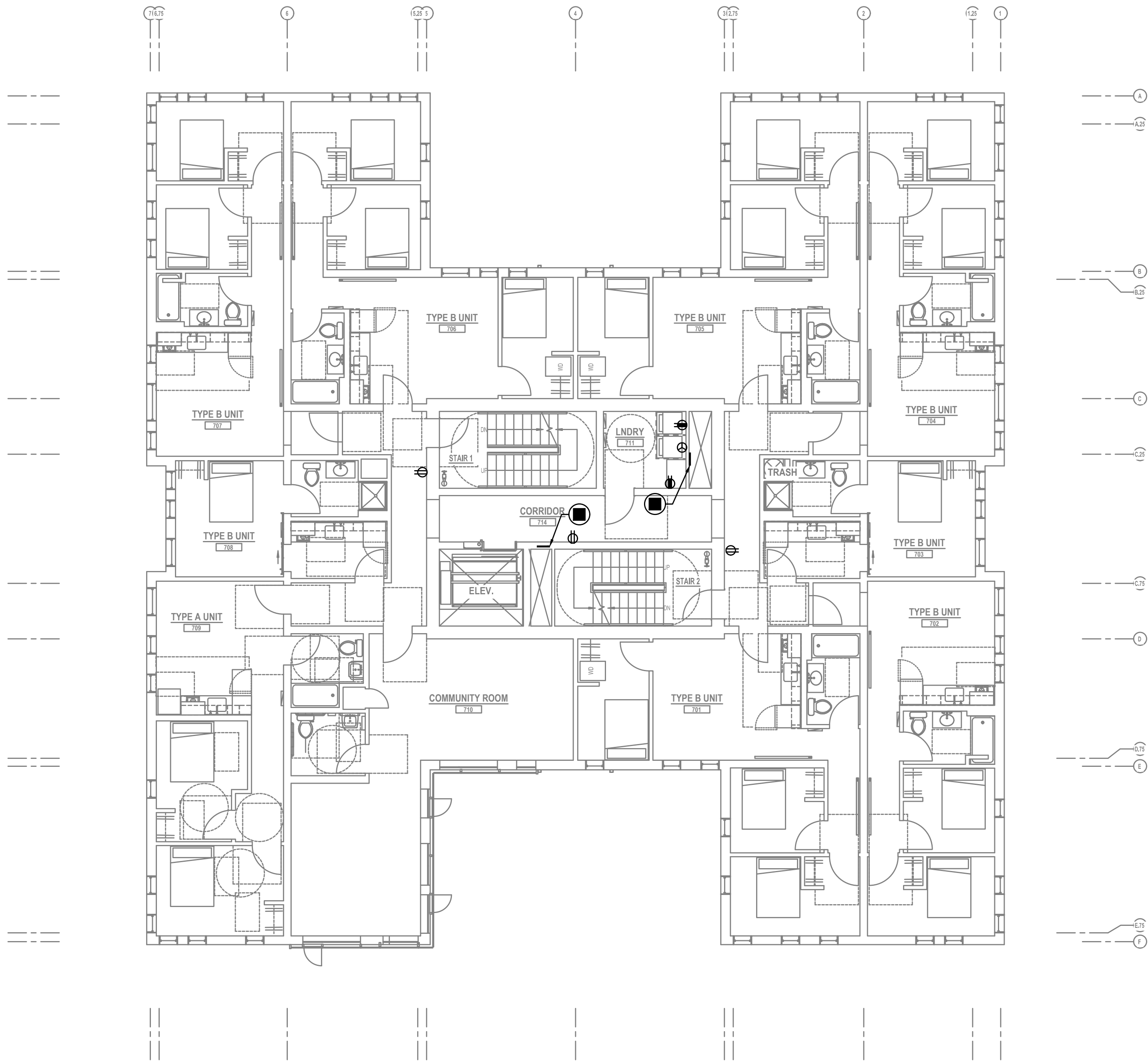
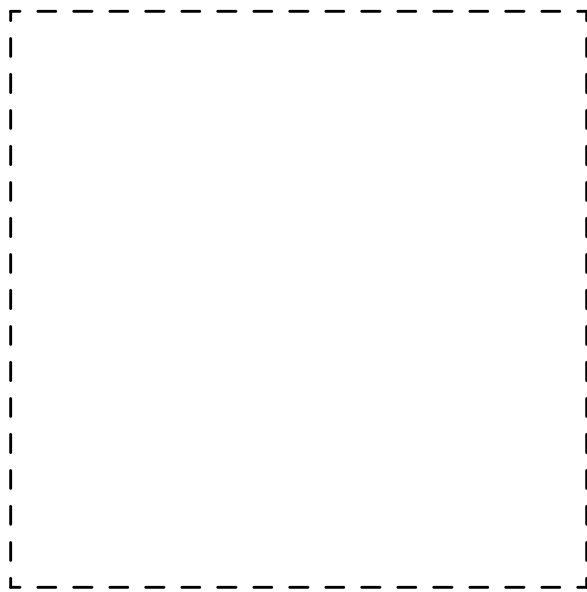
Project Name:
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Issued:
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SIXTH FLOOR
POWER PLAN

Drawing Number
E3.06



1 SEVENTH FLOOR POWER PLAN
E3.07 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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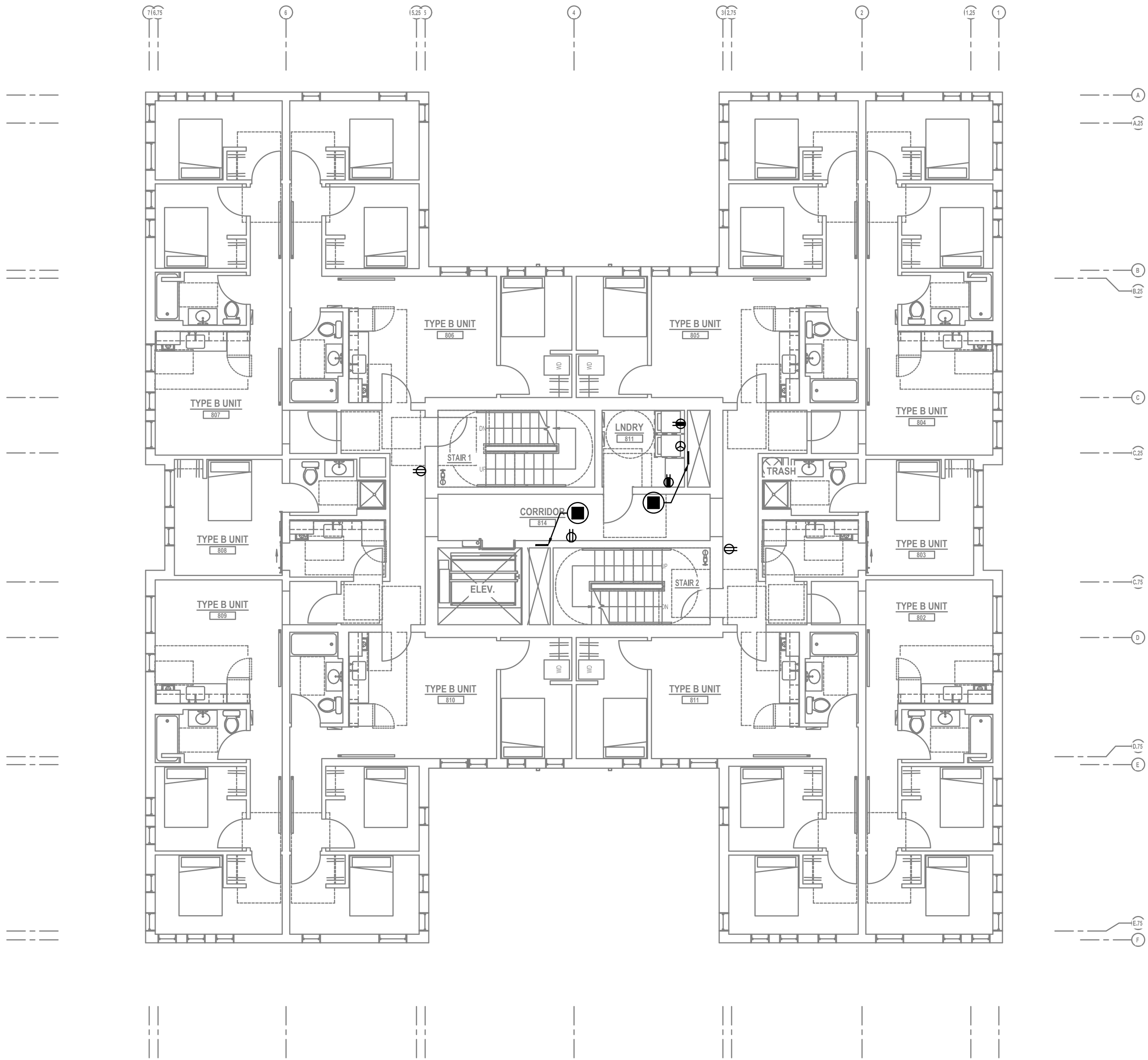
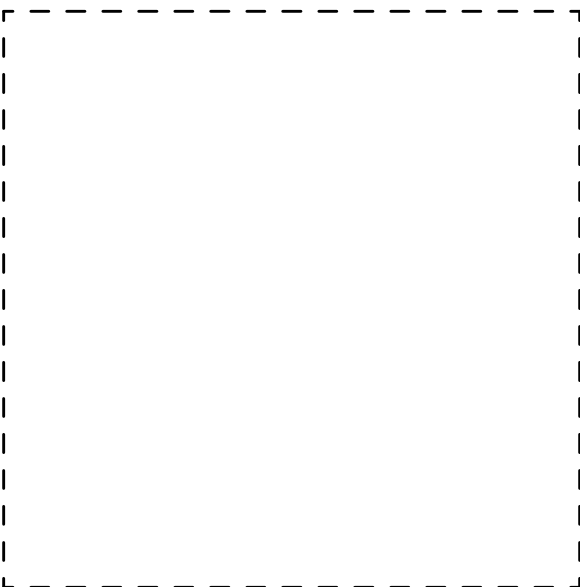
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SEVENTH FLOOR
POWER PLAN

Drawing Number
E3.07



1 EIGHTH FLOOR POWER PLAN
E3.08 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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Project Name:

MINNESOTA
PLACES

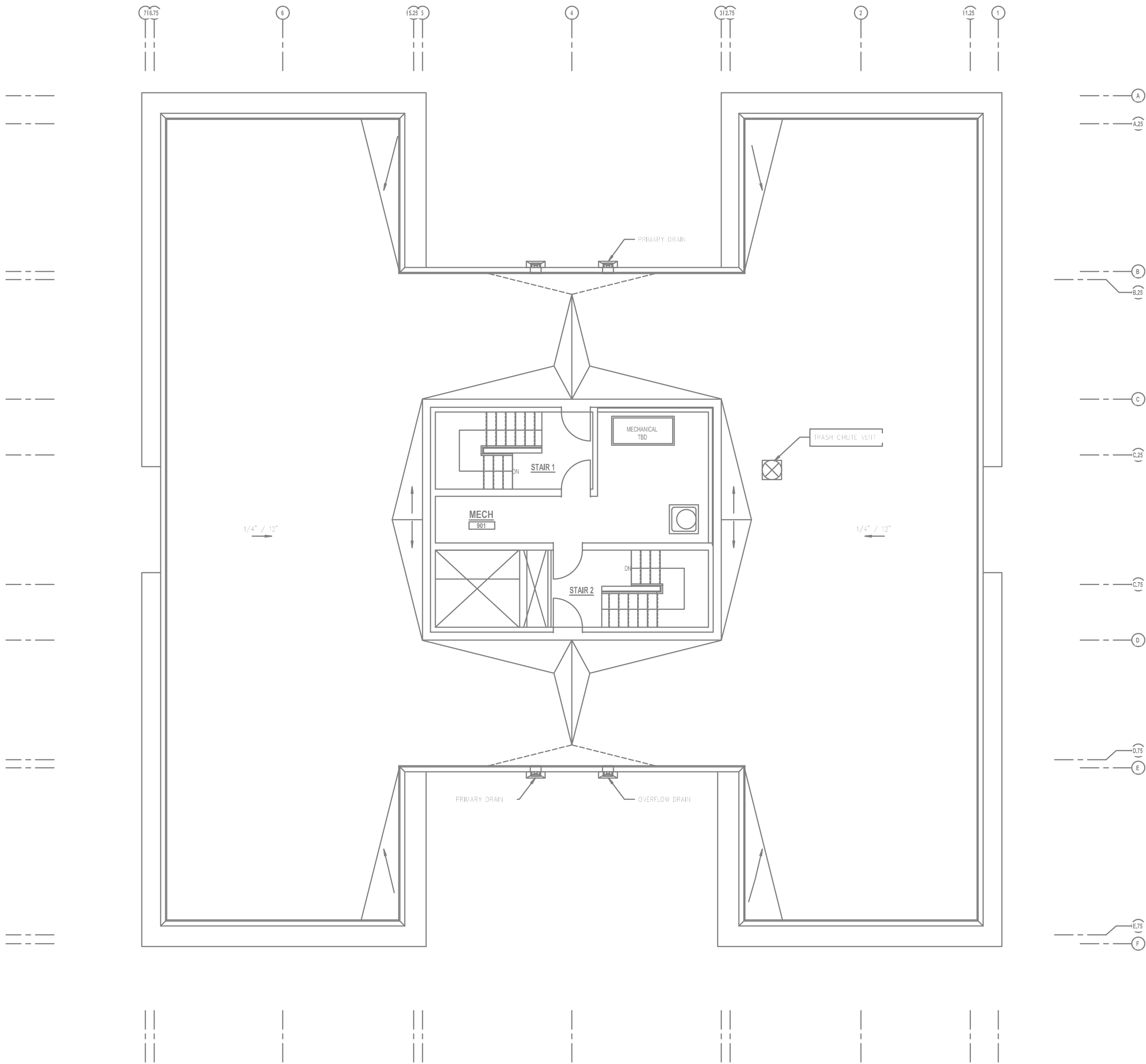
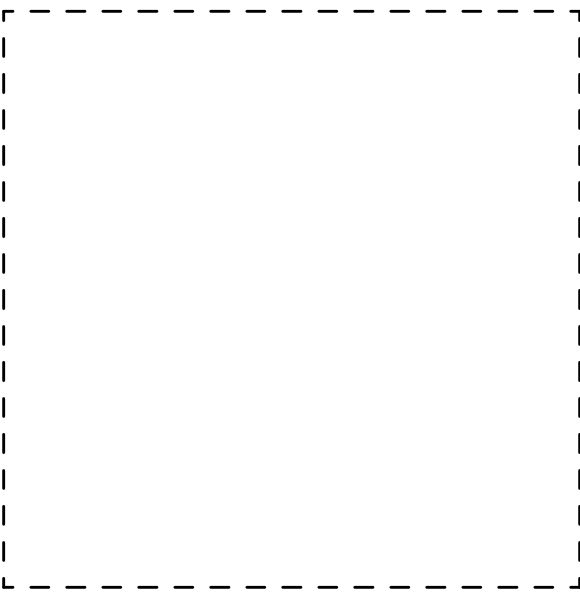
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EIGHTH FLOOR
POWER PLAN

Drawing Number
E3.08



1 ROOF LEVEL POWER PLAN
E3.09 SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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- 3. BUILDING STAND BY/EMERGENCY GENERATOR. REFER TO SHEET E1.11 FOR ADDITIONAL INFORMATION.
- 4. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS. PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'XX' SCHEDULE ON E1.12 FOR CIRCUITS
- 5. CONSULT ELEVATOR PROVIDER FOR EXACT POWER REQUIREMENTS AND PROVIDE ALL ELECTRICAL WORK AS DIRECTED. VERIFY EXACT LOCATION FOR ELEVATOR EQUIPMENT WITH ARCHITECT AND COORDINATE WITH ELEVATOR INSTALLER.
- 6. PROVIDE ROUGH IN AND WIRING FOR ACCESS CONTROL. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
- 7. LAUNDRY ROOM GFCI RECEPTACLES FOR WASHING MACHINES TO BE MOUNTED AT 42" A.F.F., OR UNLESS OTHERWISE DIRECTED BY THE ARCHITECT. LAUNDRY ROOM APPLIANCE CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 4. 40A, DEDICATED 14-40R DRYER RECEPTACLE (TYPICAL). VERIFY EXACT POWER RATING REQUIRED FOR THE COMMERCIAL DRYERS PRIOR TO ORDERING. LAUNDRY ROOM APPLIANCES CIRCUITED TO PANEL 'XX'. REFER TO PANEL SCHEDULE ON SHEET E1.12.
- 5. EXHAUST FAN IN THIS AREA TO BE TIED INTO THE LIGHTING CIRCUIT.

PRELIMINARY
NOT FOR
CONSTRUCTION

M Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PH: (503) 234-0648
FAX: (503) 234-0677
INC. WWW.MPTA-ENG.COM
CONTACT: DENISE TAYLOR
Project Owner:
NATIVE LAND DEVELOPMENT

Project Name:

MINNESOTA
PLACES

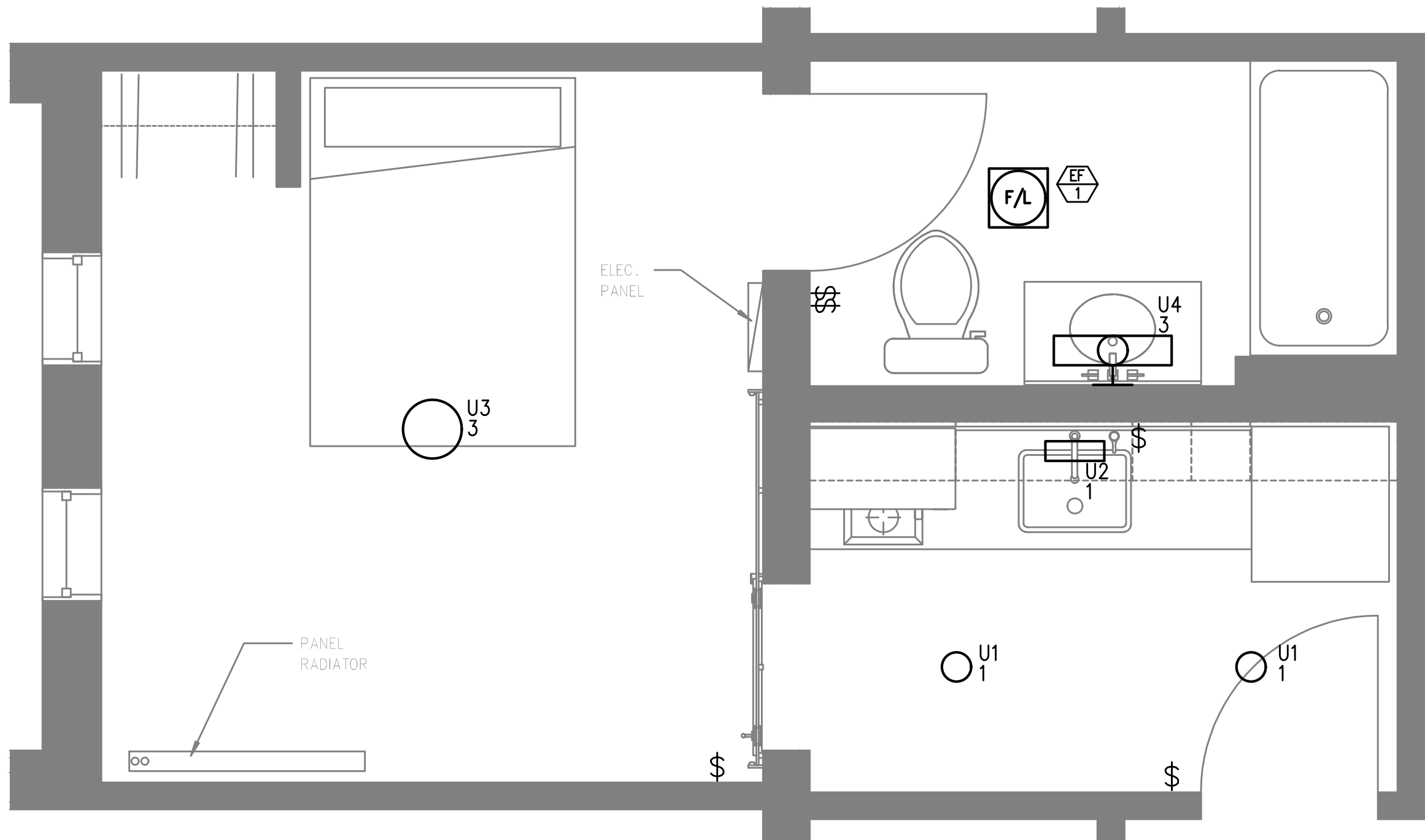
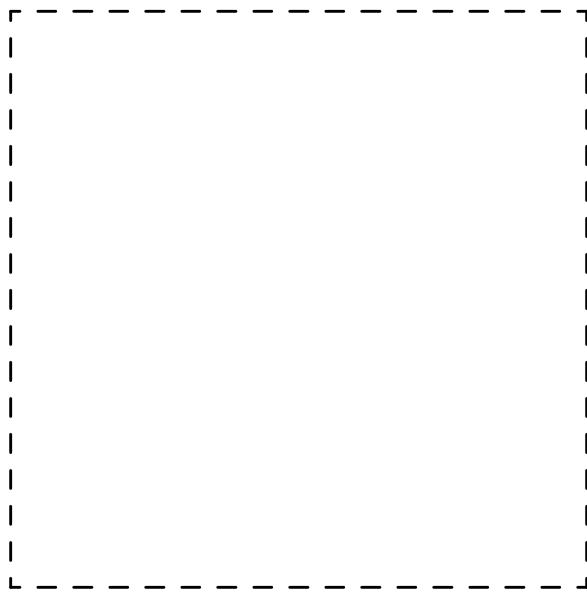
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

REVISED
SCHEMATIC
COORDINATION
SET

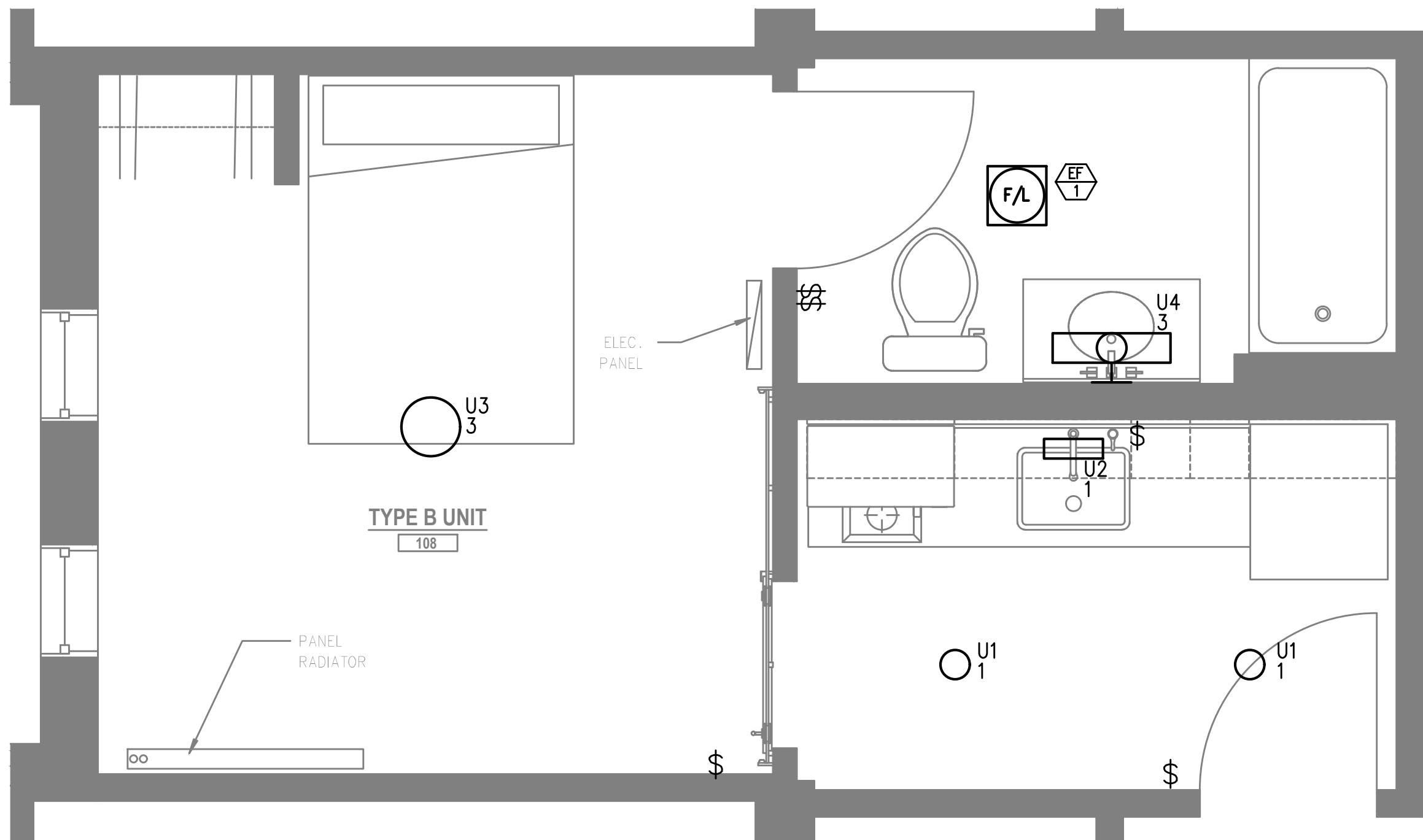
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PRELIMINARY	6.21.2021
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HALF SIZE: 12" x 18"	

ROOF LEVEL
POWER PLAN

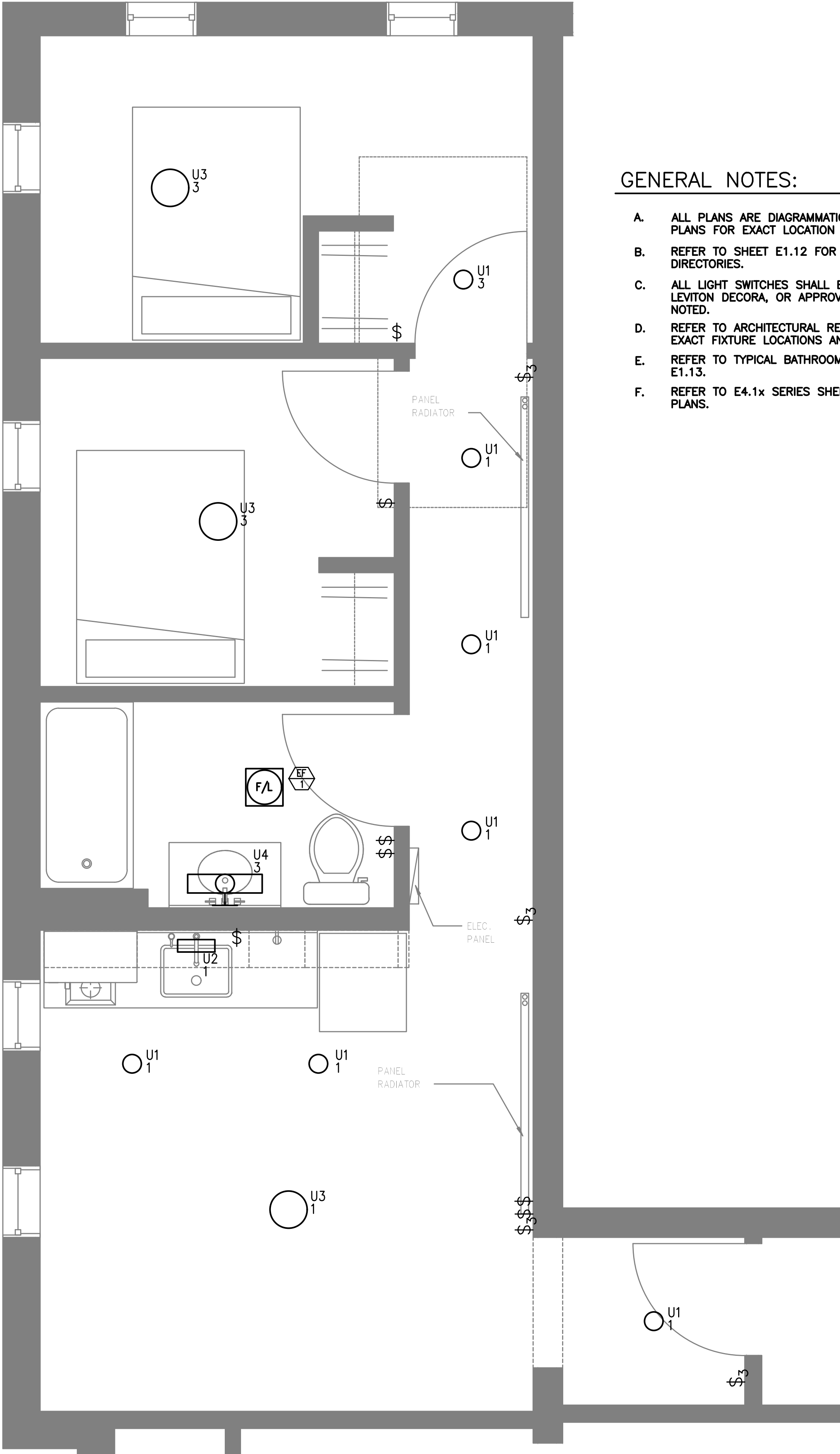
Drawing Number
E3.09



1-BRM UNIT TYPE B
1
E4.01 TYPICAL — LIGHTING PLAN
SCALE: 1/2" = 1'-0"



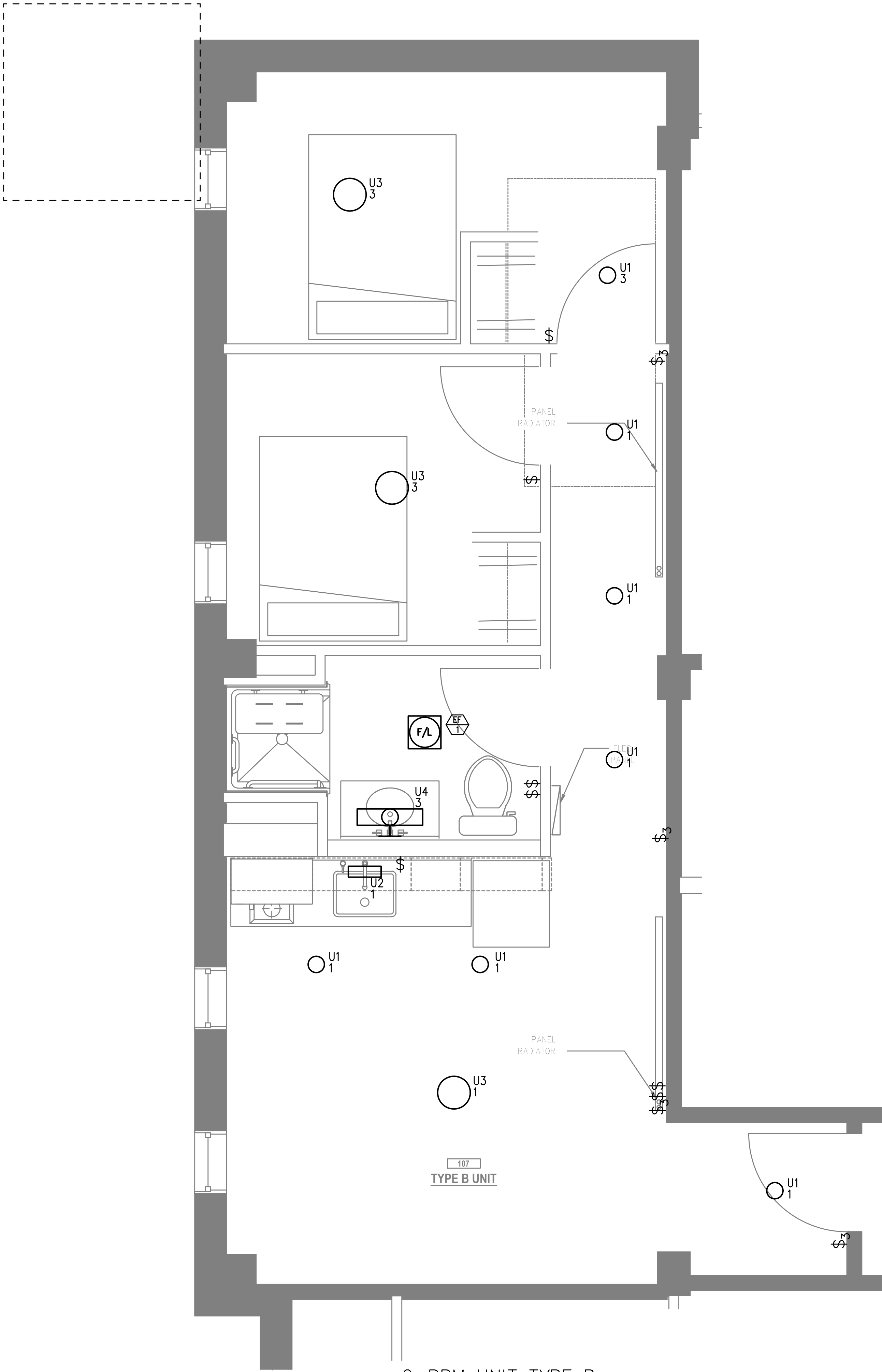
1-BRM UNIT TYPE B
2
E4.01 LEVEL 1 — LIGHTING PLAN
SCALE: 1/2" = 1'-0"



2-BRM UNIT TYPE B
3
E4.01 TYPICAL — LIGHTING PLAN
SCALE: 1/2" = 1'-0"

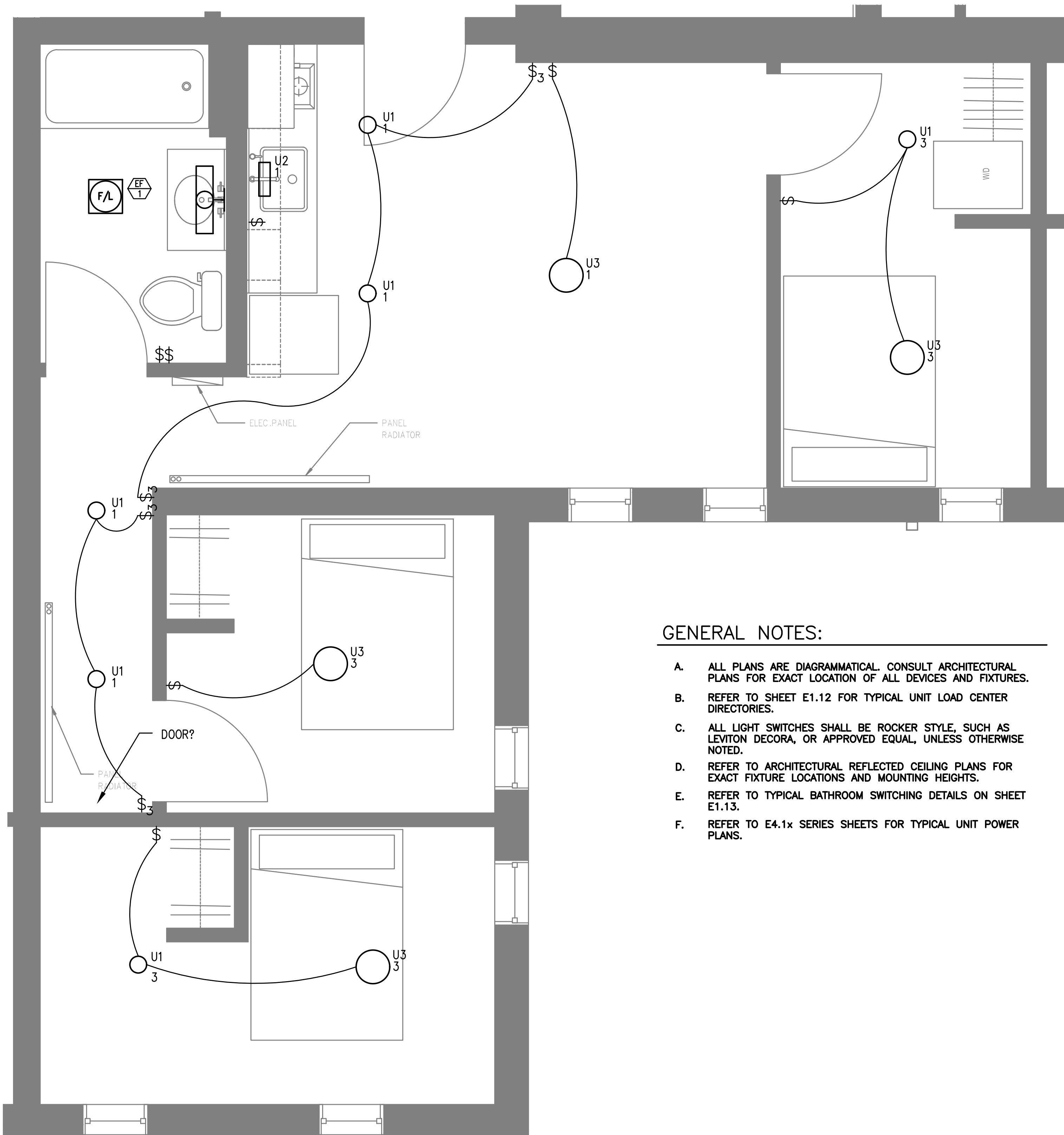
GENERAL NOTES:

- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
- B. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
- C. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
- D. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- E. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.13.
- F. REFER TO E4.1x SERIES SHEETS FOR TYPICAL UNIT POWER PLANS.



2-BRM UNIT TYPE B
LEVEL 1 — LIGHTING PLAN
SCALE: 1/2" = 1'-0"

1
E4.02



3-BRM UNIT TYPE B
TYPICAL — LIGHTING PLAN
SCALE: 1/2" = 1'-0"

2
E4.02

GENERAL NOTES:

- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
- B. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
- C. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
- D. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- E. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.13.
- F. REFER TO E4.1x SERIES SHEETS FOR TYPICAL UNIT POWER PLANS.

PRELIMINARY
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Project Owner:
NATIVE LAND DEVELOPMENT

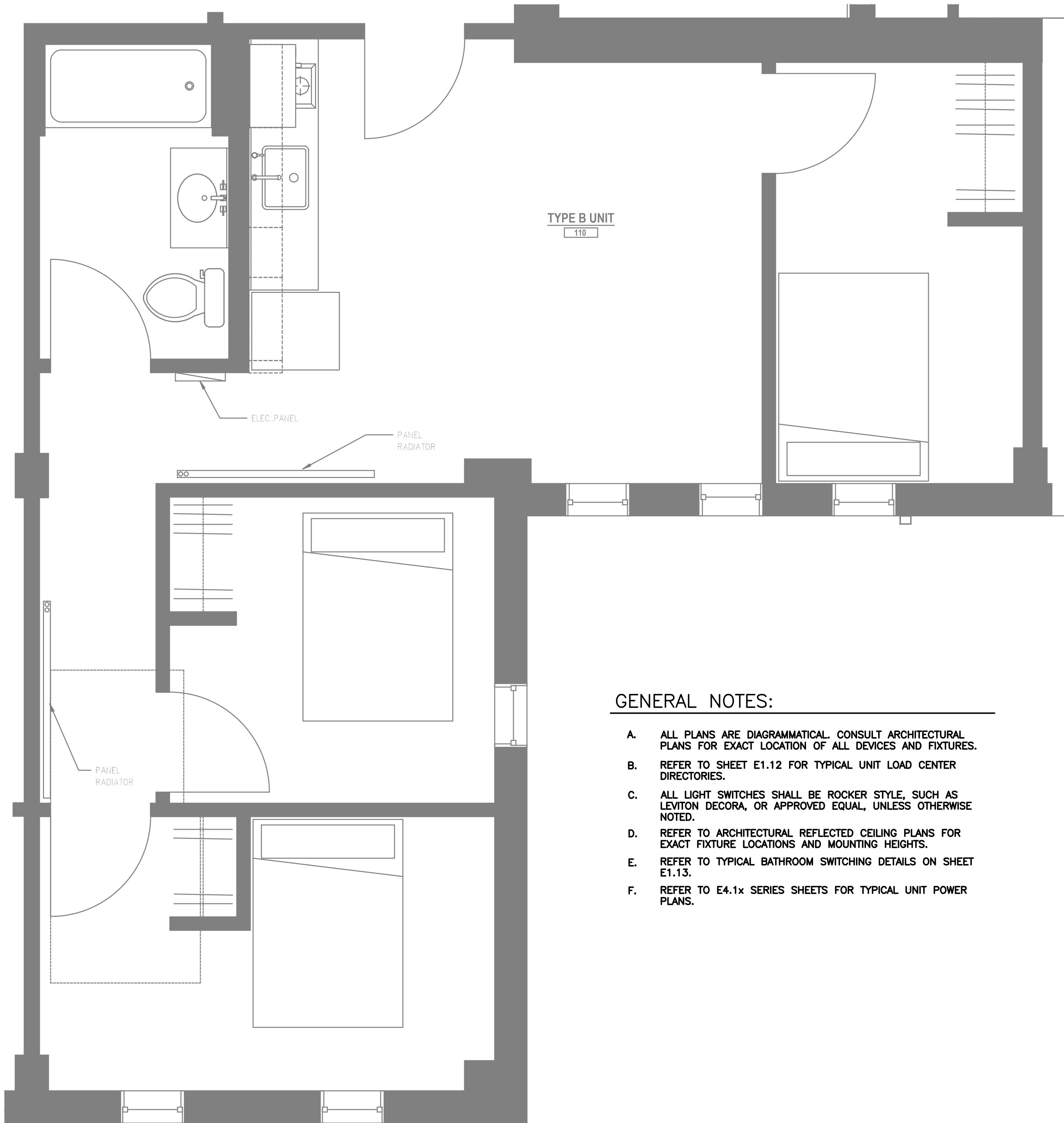
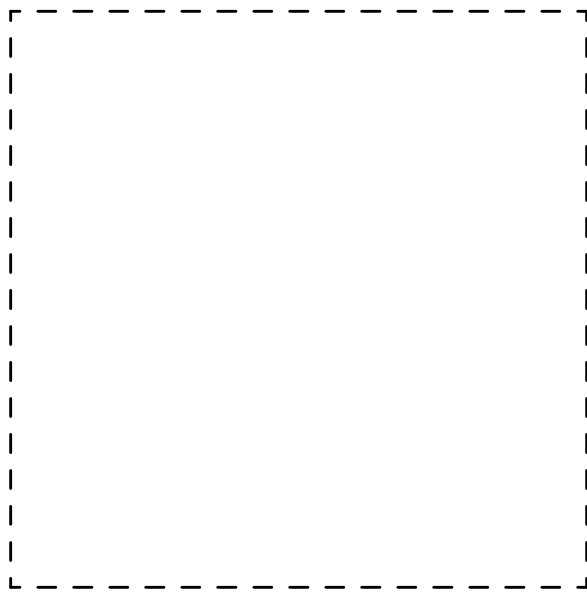
Project Name:
**MINNESOTA
PLACES**
1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

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SCHEMATIC
COORDINATION
SET

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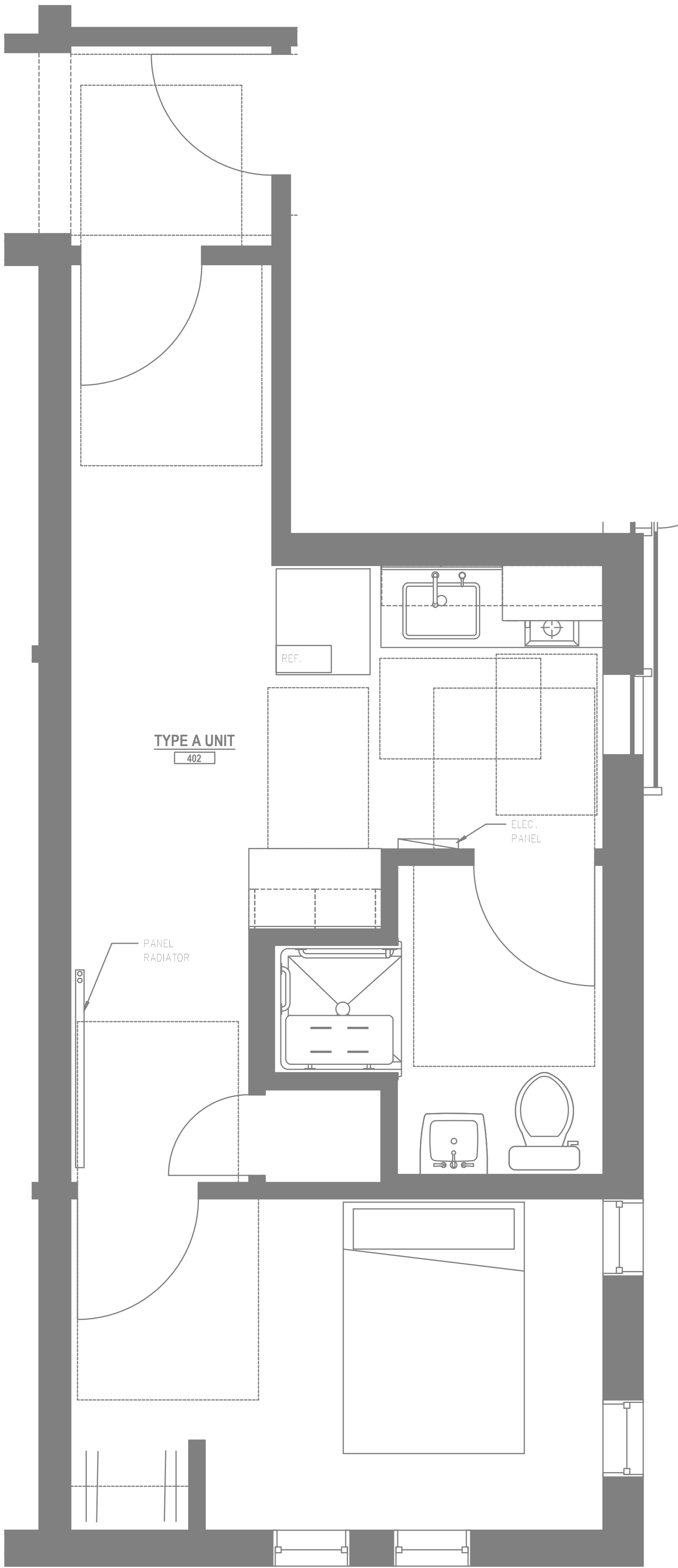
TYPICAL UNIT
LIGHTING PLANS

Drawing Number
E4.02

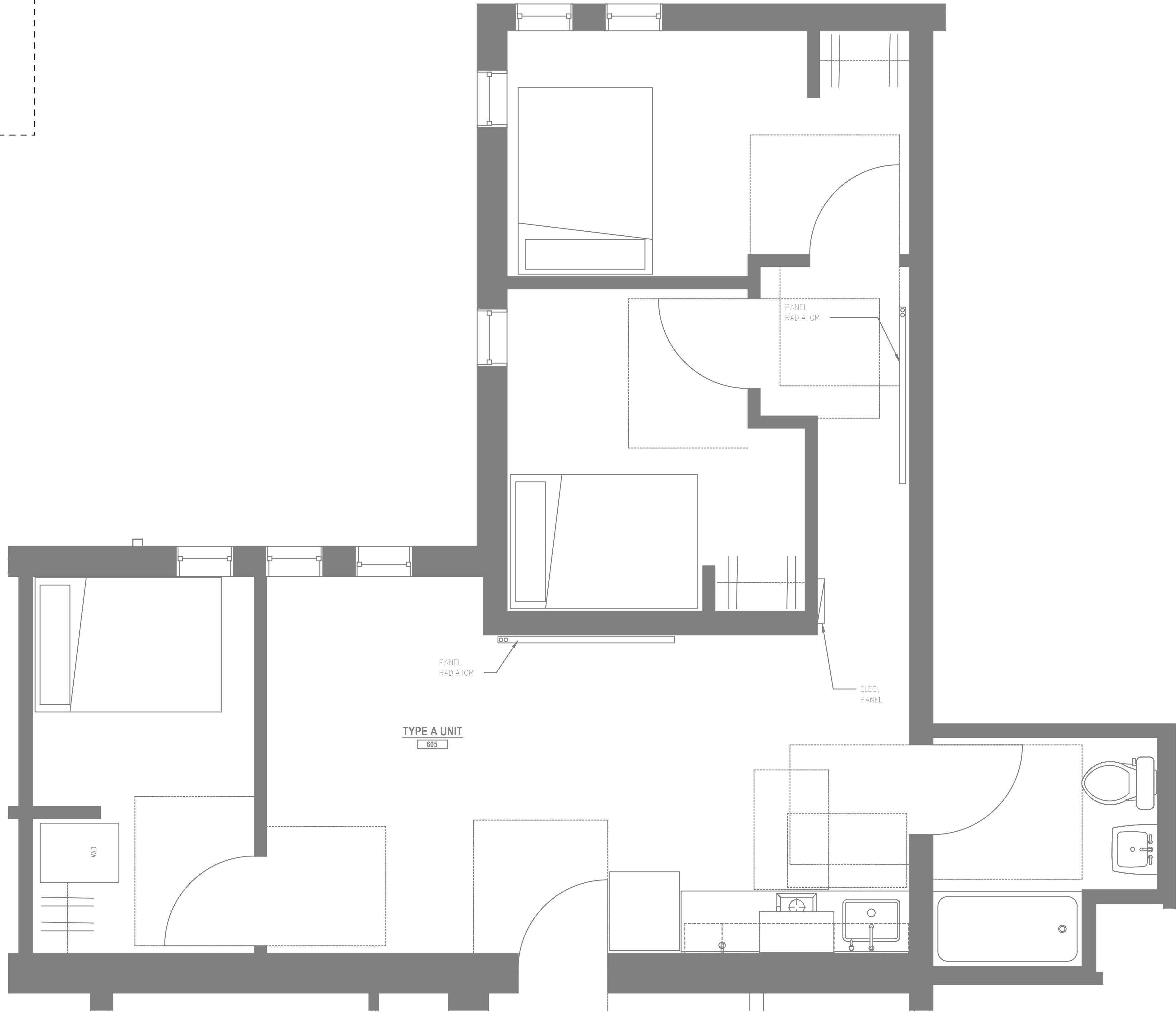
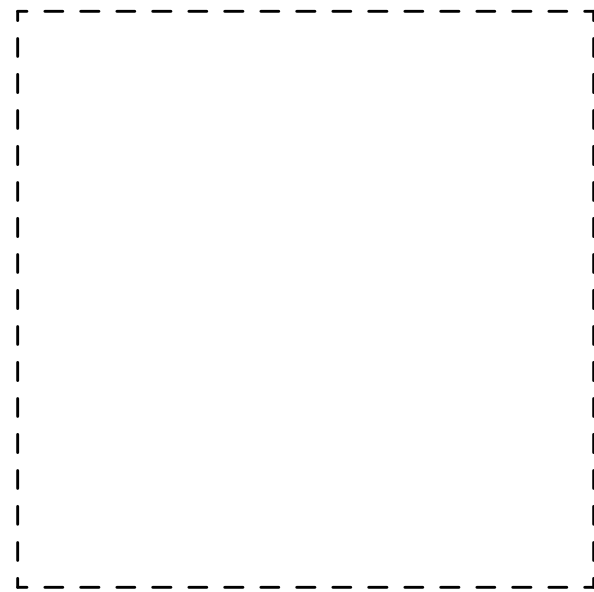


- GENERAL NOTES:
- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
 - B. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
 - C. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
 - D. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
 - E. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.13.
 - F. REFER TO E4.1x SERIES SHEETS FOR TYPICAL UNIT POWER PLANS.

3-BRM UNIT TYPE B
LEVEL 1 — LIGHTING PLAN
1
E4.03
SCALE: 1/2" = 1'-0"



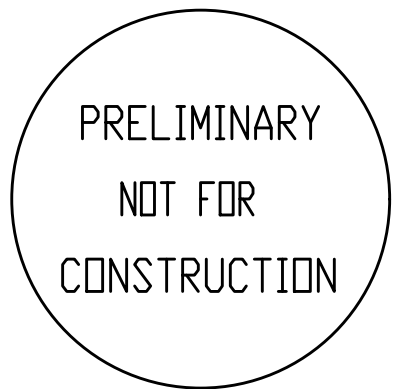
1-BRM UNIT TYPE A
LEVEL 4 — LIGHTING PLAN
2
E4.03
SCALE: 1/2" = 1'-0"



3-BRM UNIT TYPE A
LEVEL 6 — LIGHTING PLAN
SCALE: 1/2" = 1'-0"
1
E4.04

GENERAL NOTES:

- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
- B. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
- C. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
- D. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- E. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.13.
- F. REFER TO E4.1x SERIES SHEETS FOR TYPICAL UNIT POWER PLANS.



Project Name:

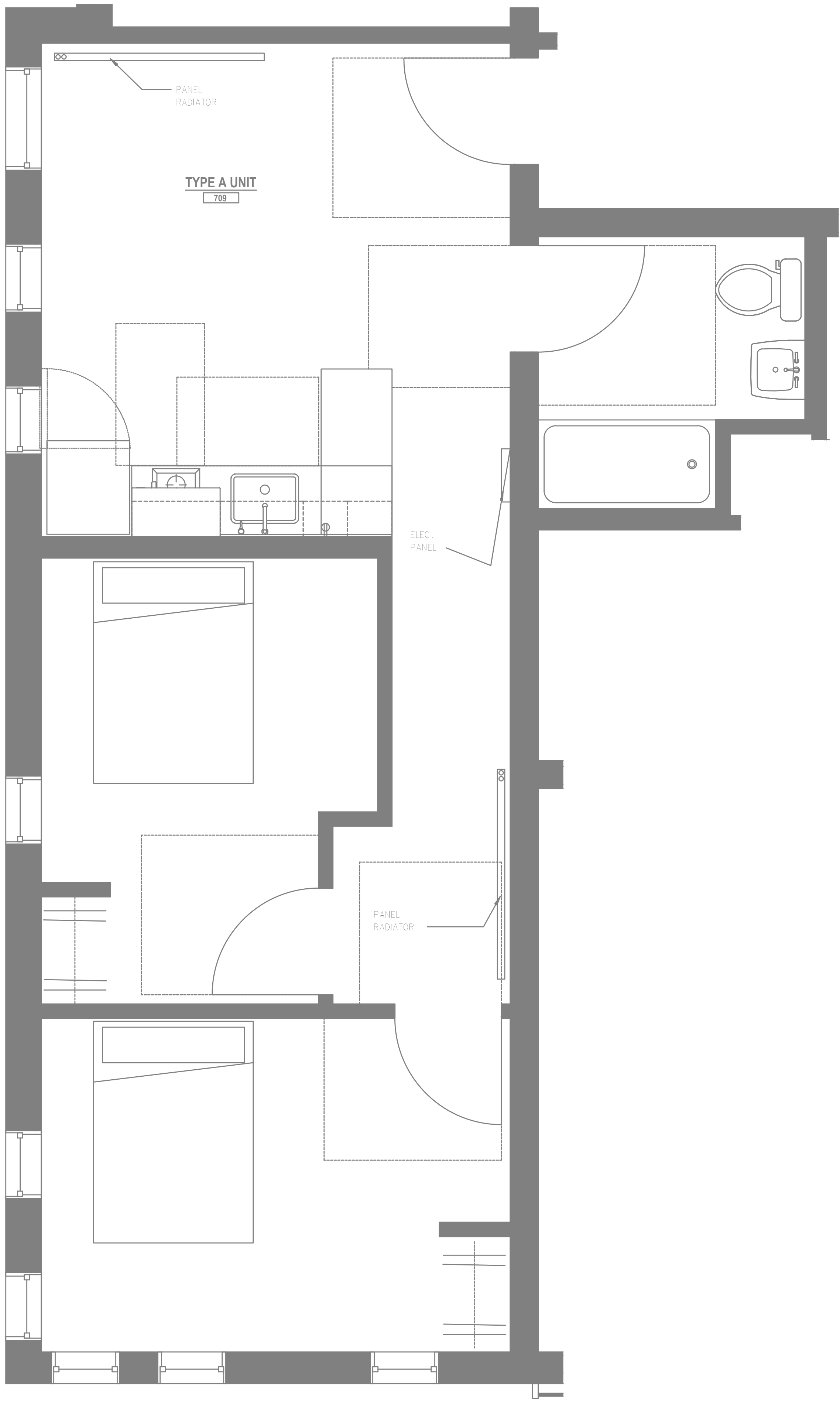
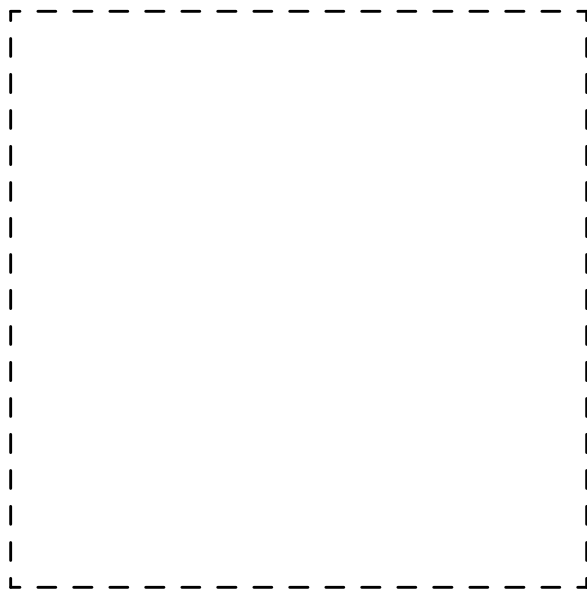
MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

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SCHEMATIC
COORDINATION
SET

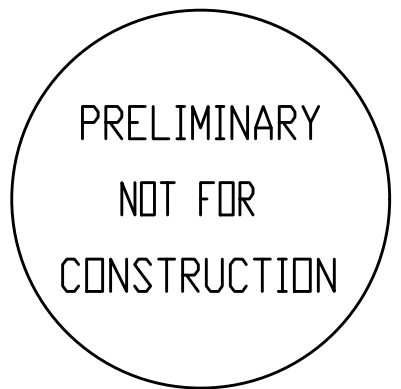
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TYPICAL UNIT
LIGHTING PLANS



GENERAL NOTES:

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- B. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
- C. ALL LIGHT SWITCHES SHALL BE ROCKER STYLE, SUCH AS LEVITON DECORA, OR APPROVED EQUAL, UNLESS OTHERWISE NOTED.
- D. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS.
- E. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.13.
- F. REFER TO E4.1x SERIES SHEETS FOR TYPICAL UNIT POWER PLANS.



Project Name:

MINNESOTA
PLACES

1208 N. JESSUP &
5627 N. MINNESOTA
(R226159, R226160)

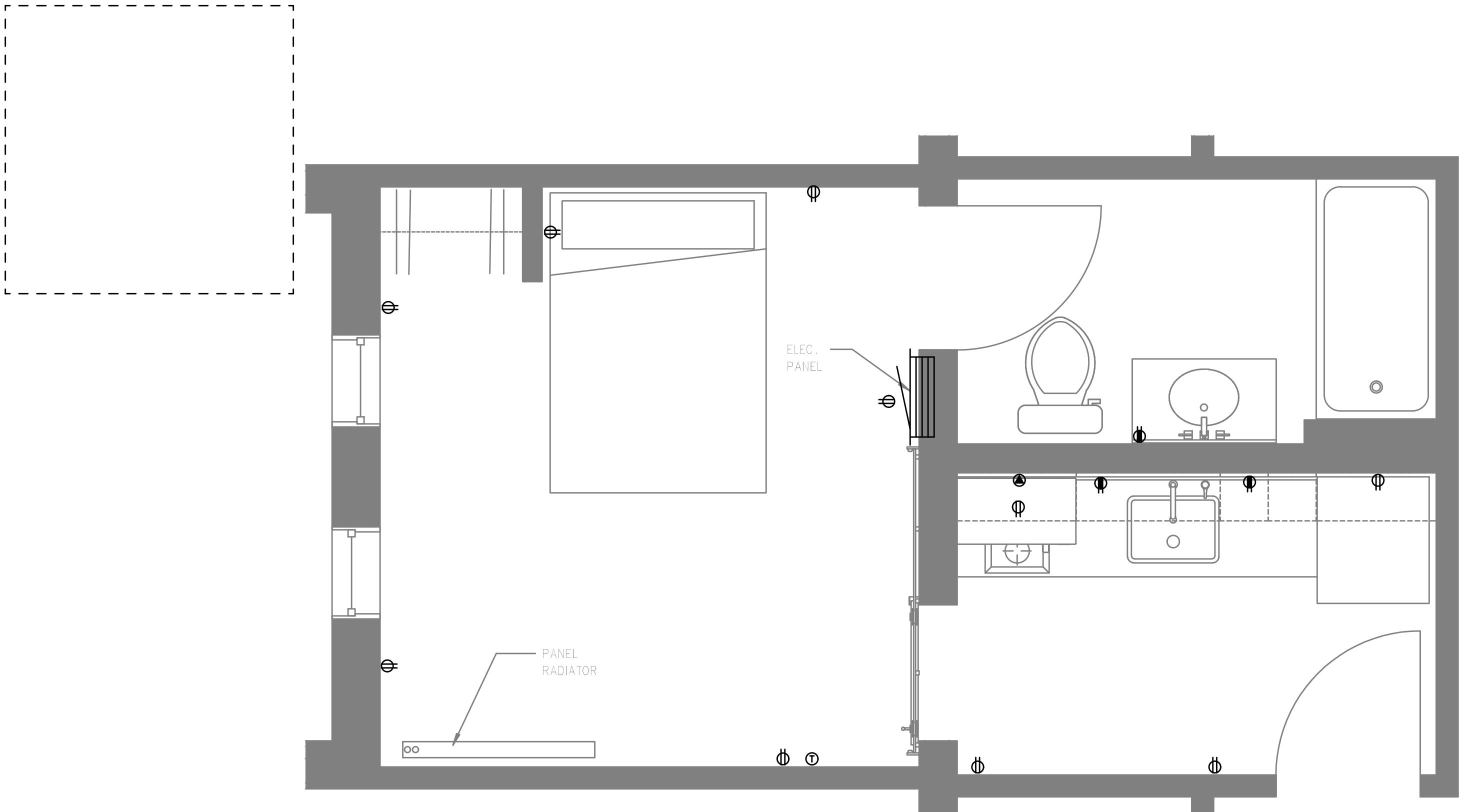
REVISED
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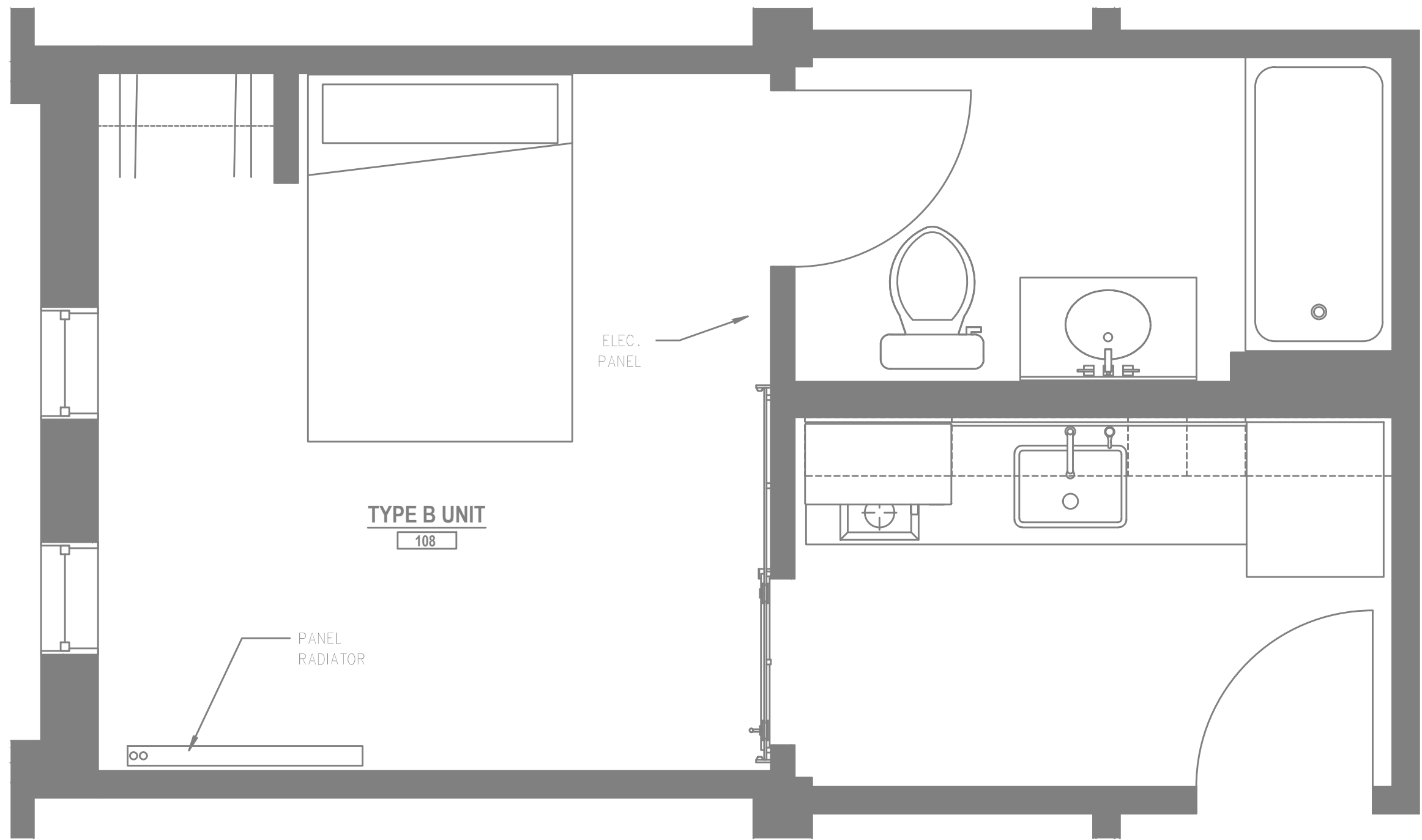
TYPICAL UNIT
LIGHTING PLANS

2-BRM UNIT TYPE A
LEVEL 7 – LIGHTING PLAN
SCALE: 1/2" = 1'-0"

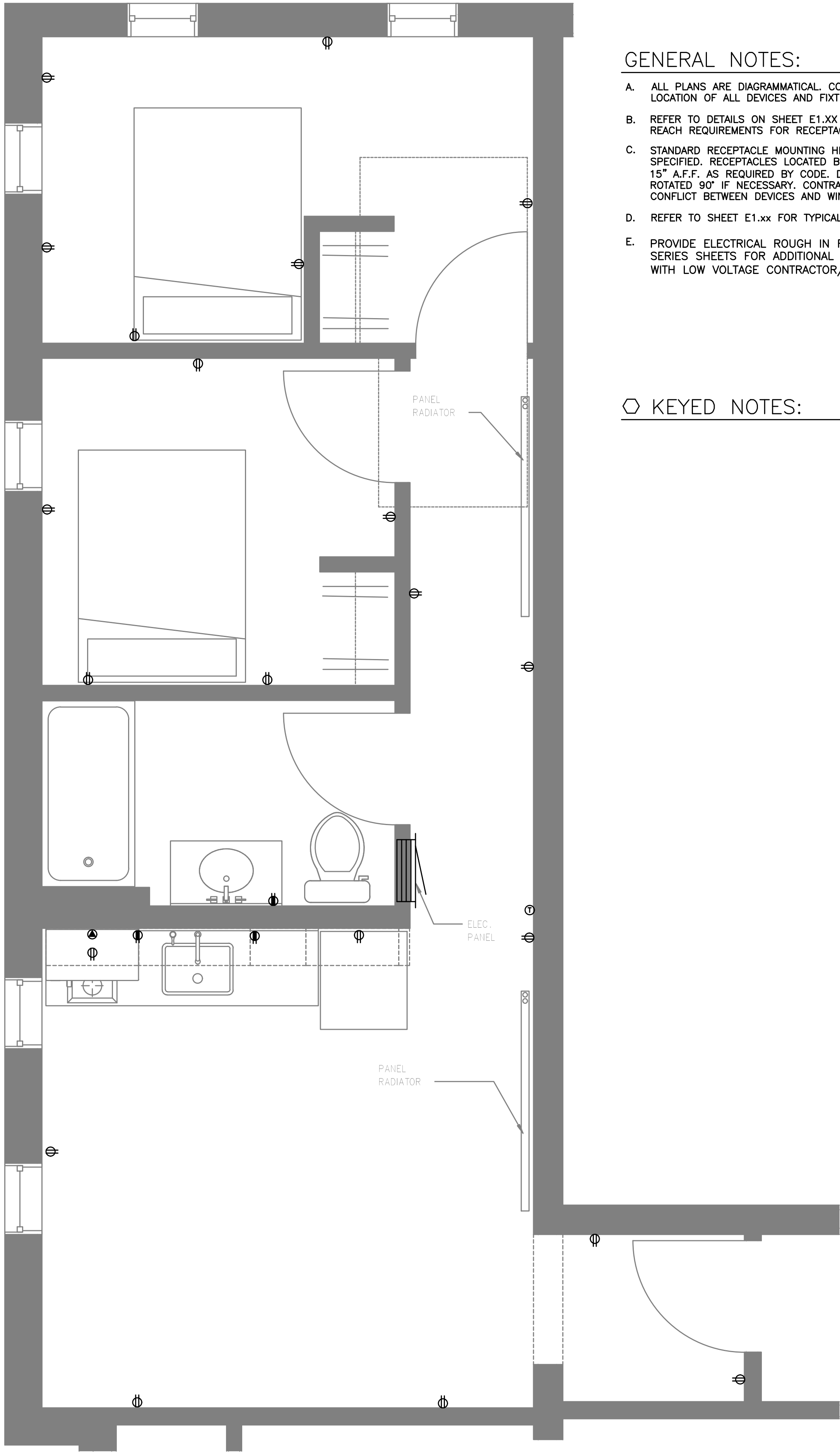
1
E4.05



1-BRM UNIT TYPE B
1
E4.11 TYPICAL — POWER PLAN
SCALE: 1/2" = 1'-0"



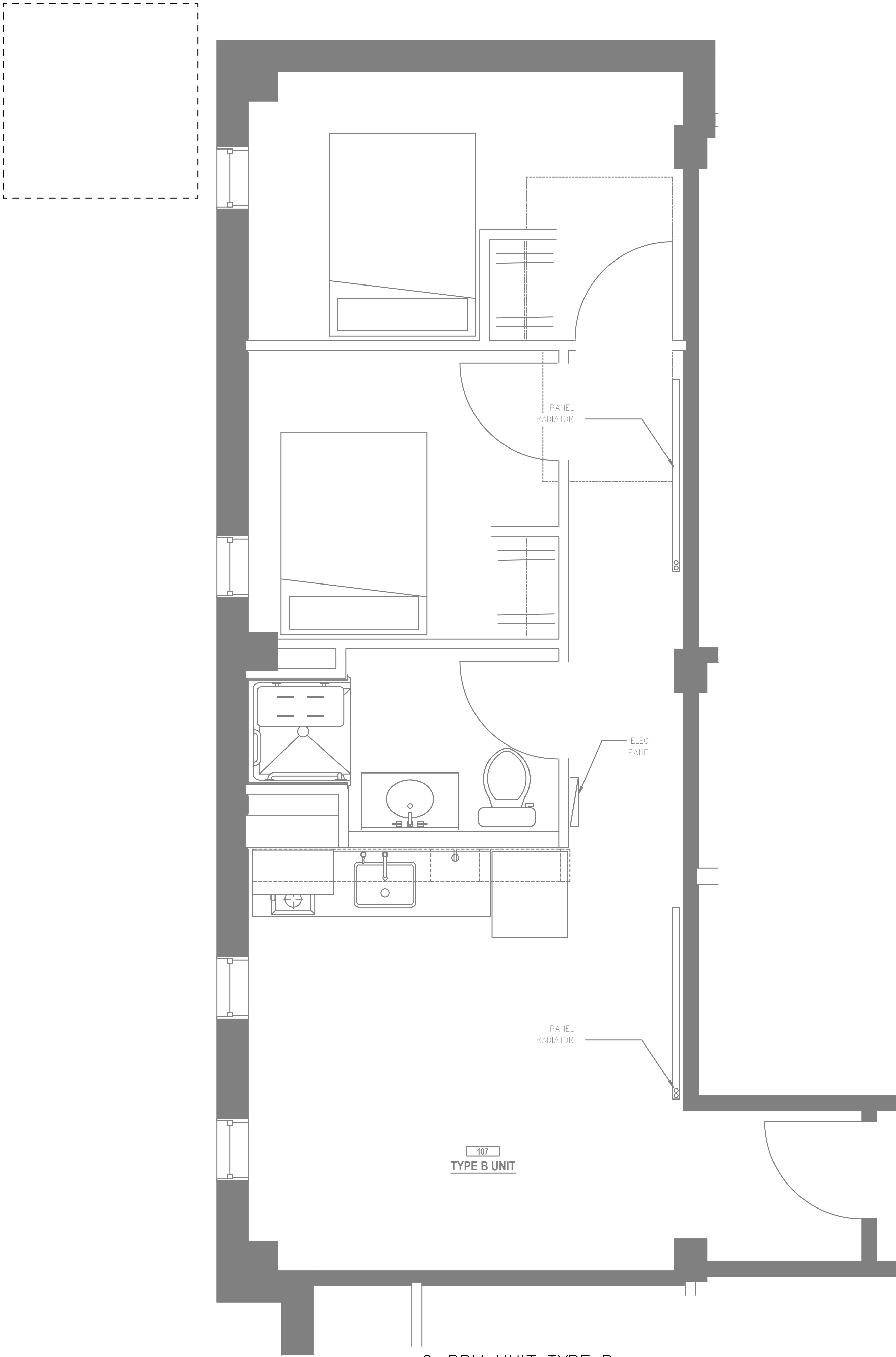
1-BRM UNIT TYPE B
2
E4.11 LEVEL 1 — POWER PLAN
SCALE: 1/2" = 1'-0"



2-BRM UNIT TYPE B
3
E4.11 TYPICAL — POWER PLAN
SCALE: 1/2" = 1'-0"

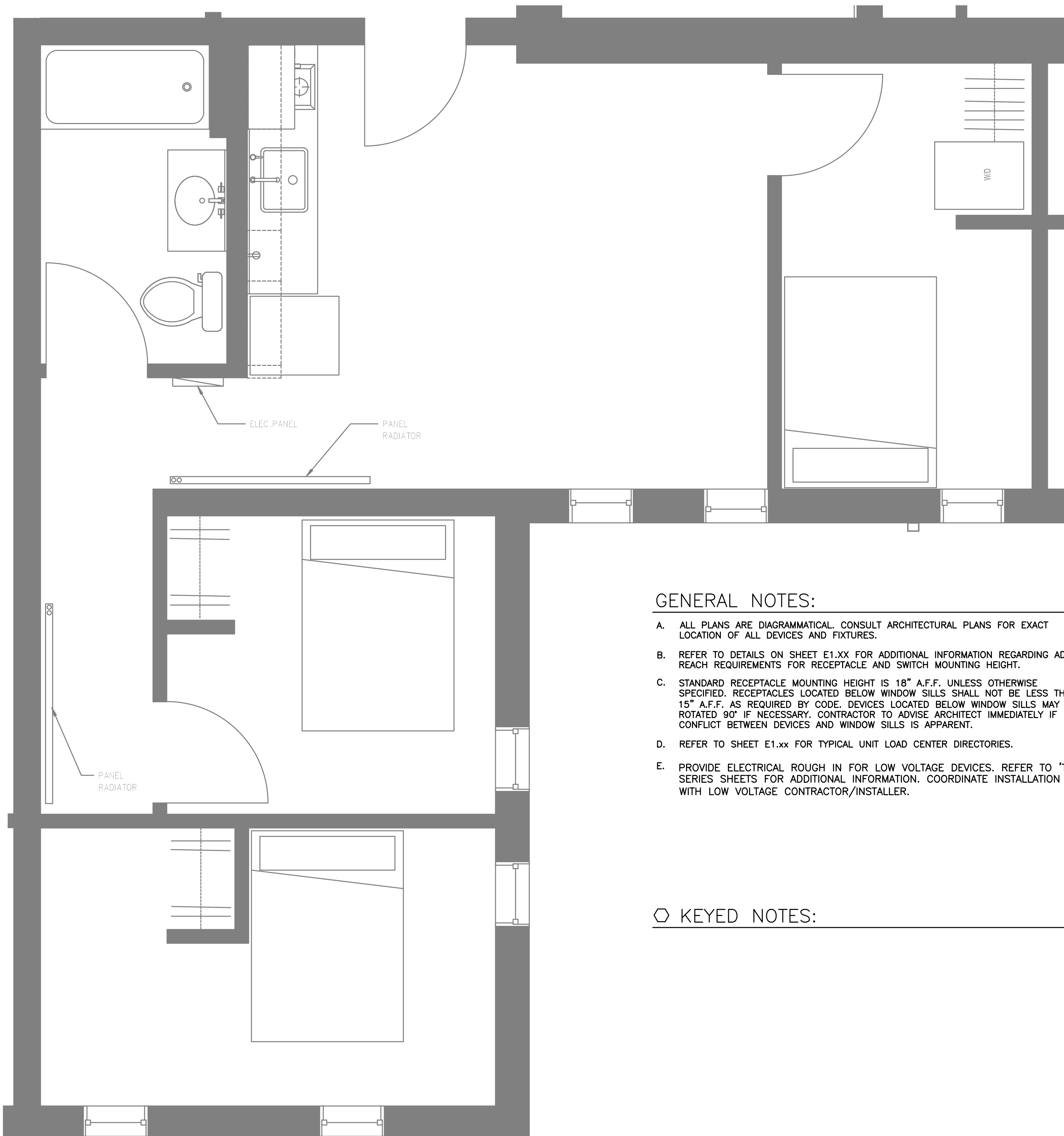
- GENERAL NOTES:
- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
 - B. REFER TO DETAILS ON SHEET E1.XX FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.
 - C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F. AS REQUIRED BY CODE. DEVICES LOCATED BELOW WINDOW SILLS MAY BE ROTATED 90° IF NECESSARY. CONTRACTOR TO ADVISE ARCHITECT IMMEDIATELY IF CONFLICT BETWEEN DEVICES AND WINDOW SILLS IS APPARENT.
 - D. REFER TO SHEET E1.xx FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
 - E. PROVIDE ELECTRICAL ROUGH IN FOR LOW VOLTAGE DEVICES. REFER TO 'I' SERIES SHEETS FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH LOW VOLTAGE CONTRACTOR/INSTALLER.

KEYED NOTES:



1
E4.12

2-BRM UNIT TYPE B
LEVEL 1 — POWER PLAN
SCALE: 1/2" = 1'-0"



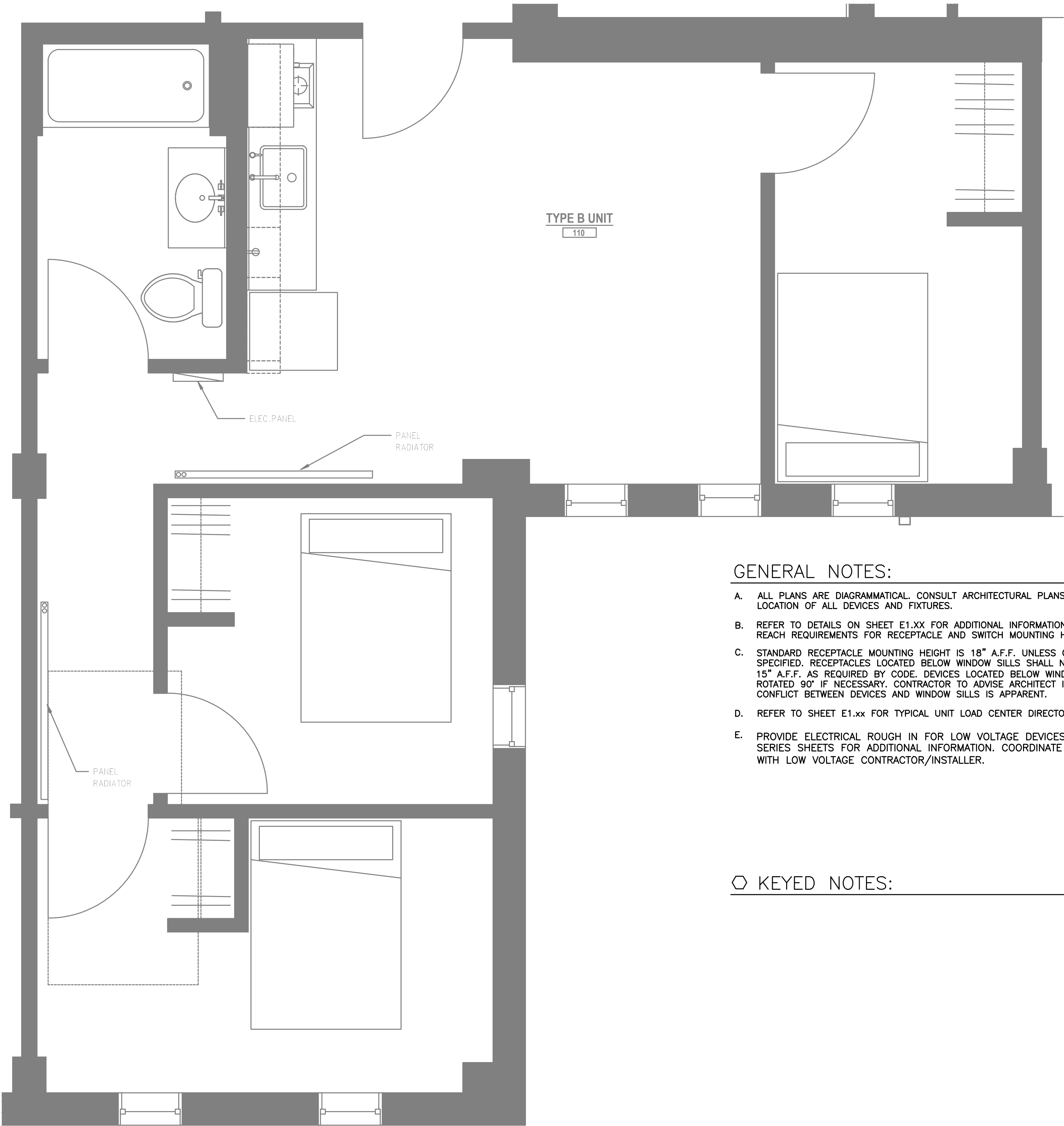
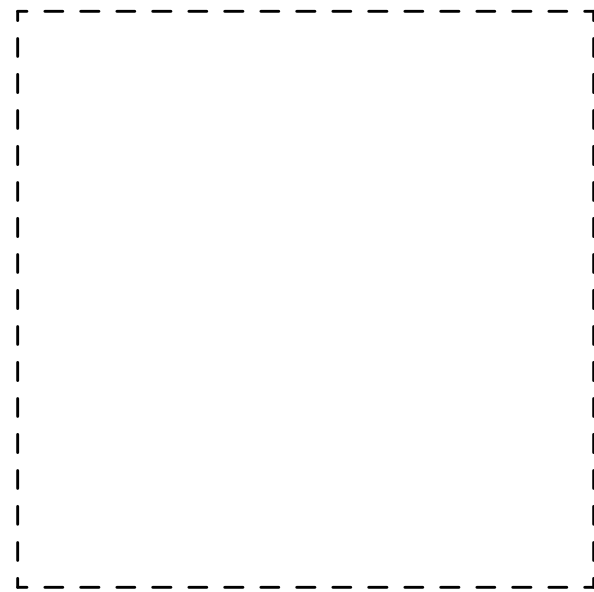
2
E4.12

3-BRM UNIT TYPE B
TYPICAL — POWER PLAN
SCALE: 1/2" = 1'-0"

GENERAL NOTES:

- A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS FOR EXACT LOCATION OF ALL DEVICES AND FIXTURES.
- B. REFER TO DETAILS ON SHEET E1.XX FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.
- C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F. AS REQUIRED BY CODE. DEVICES LOCATED BELOW WINDOW SILLS MAY BE ROTATED 90° IF NECESSARY. CONTRACTOR TO ADVISE ARCHITECT IMMEDIATELY IF CONFLICT BETWEEN DEVICES AND WINDOW SILLS IS APPARENT.
- D. REFER TO SHEET E1.XX FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.
- E. PROVIDE ELECTRICAL ROUGH IN FOR LOW VOLTAGE DEVICES. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH LOW VOLTAGE CONTRACTOR/INSTALLER.

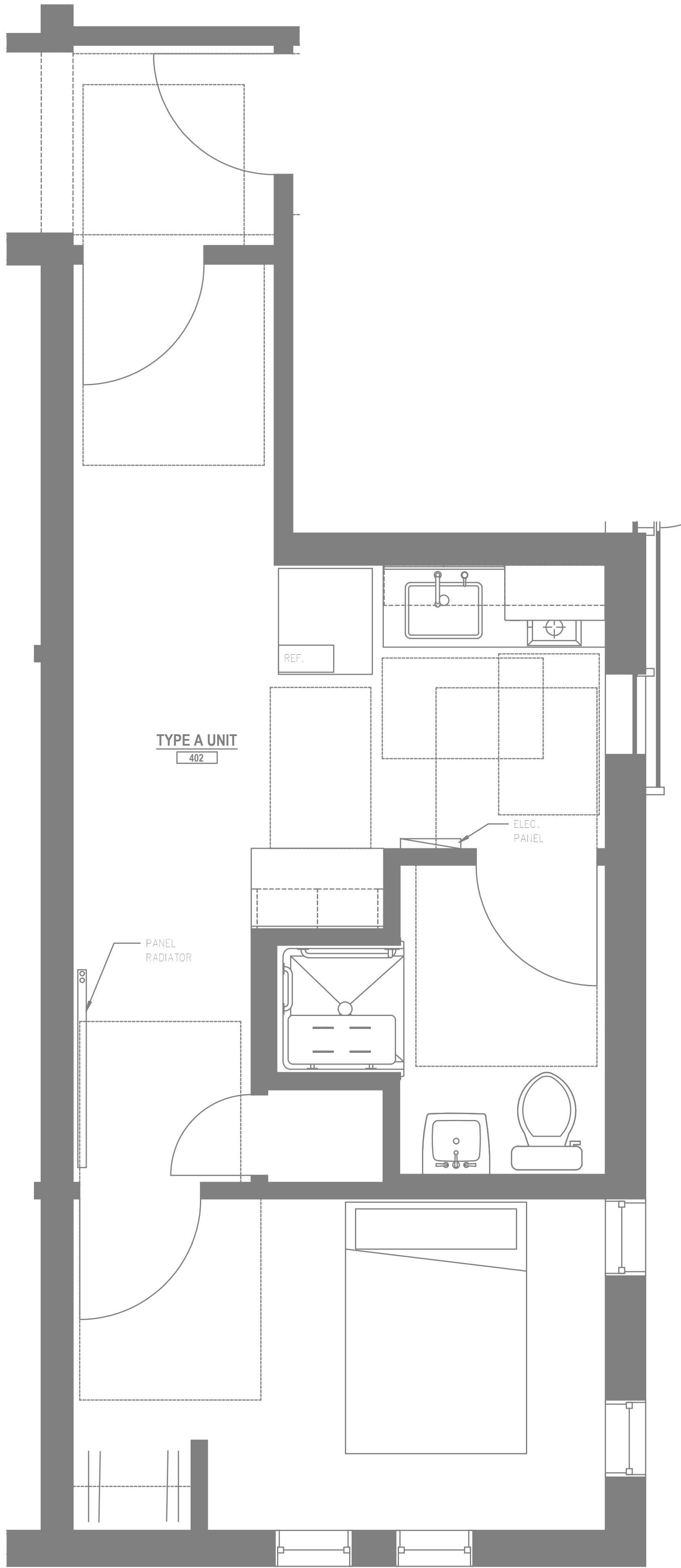
KEYED NOTES:



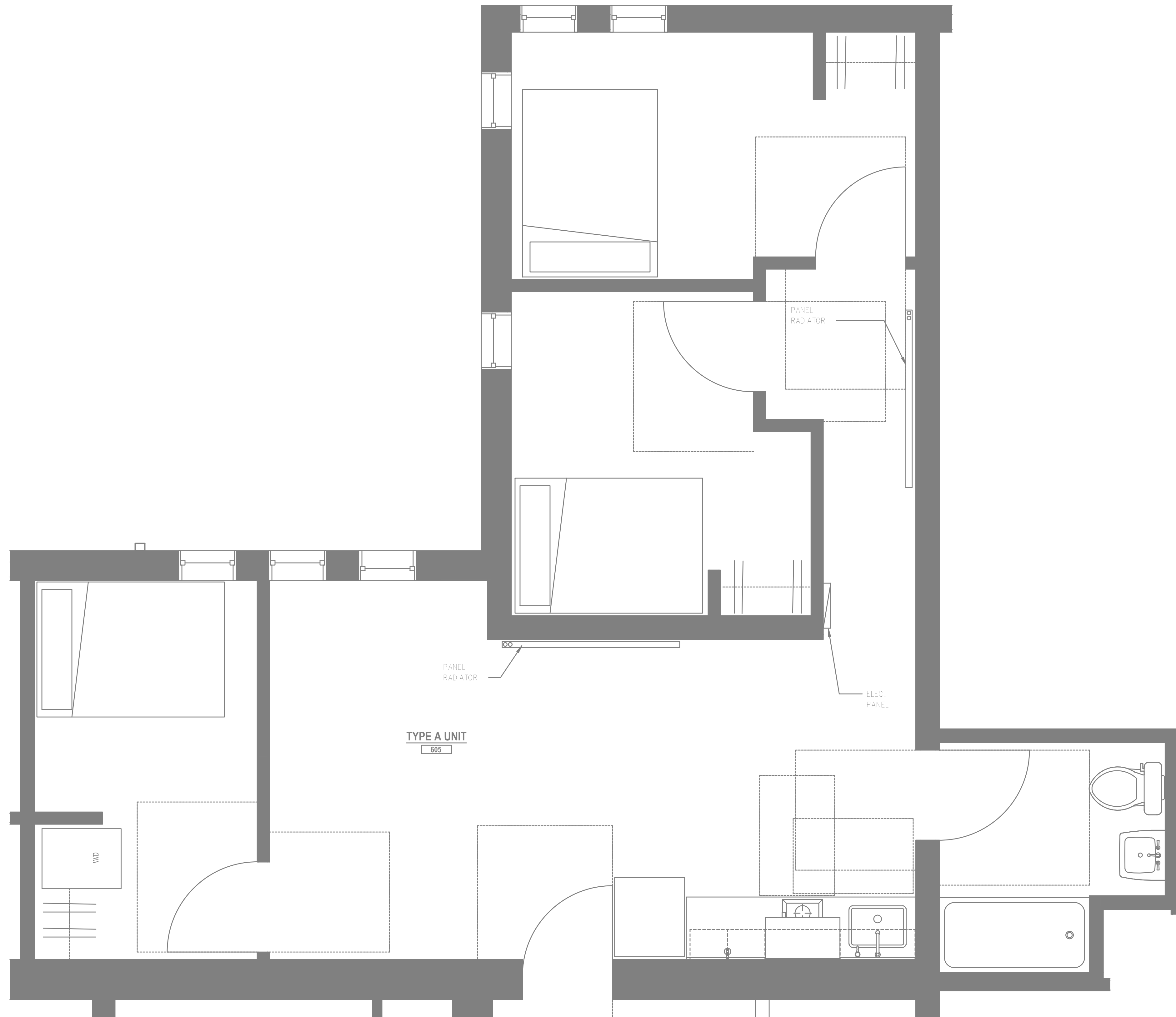
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 - E. PROVIDE ELECTRICAL ROUGH IN FOR LOW VOLTAGE DEVICES. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. COORDINATE INSTALLATION WITH LOW VOLTAGE CONTRACTOR/INSTALLER.

○ KEYED NOTES:

3-BRM UNIT TYPE B
LEVEL 1 — POWER PLAN
1
E4.13
SCALE: 1/2" = 1'-0"



1-BRM UNIT TYPE A
LEVEL 4 — POWER PLAN
2
E4.13
SCALE: 1/2" = 1'-0"



ELEC.
PANEL

SCALE: $1/2'' = 1'-0''$

1
E4.14

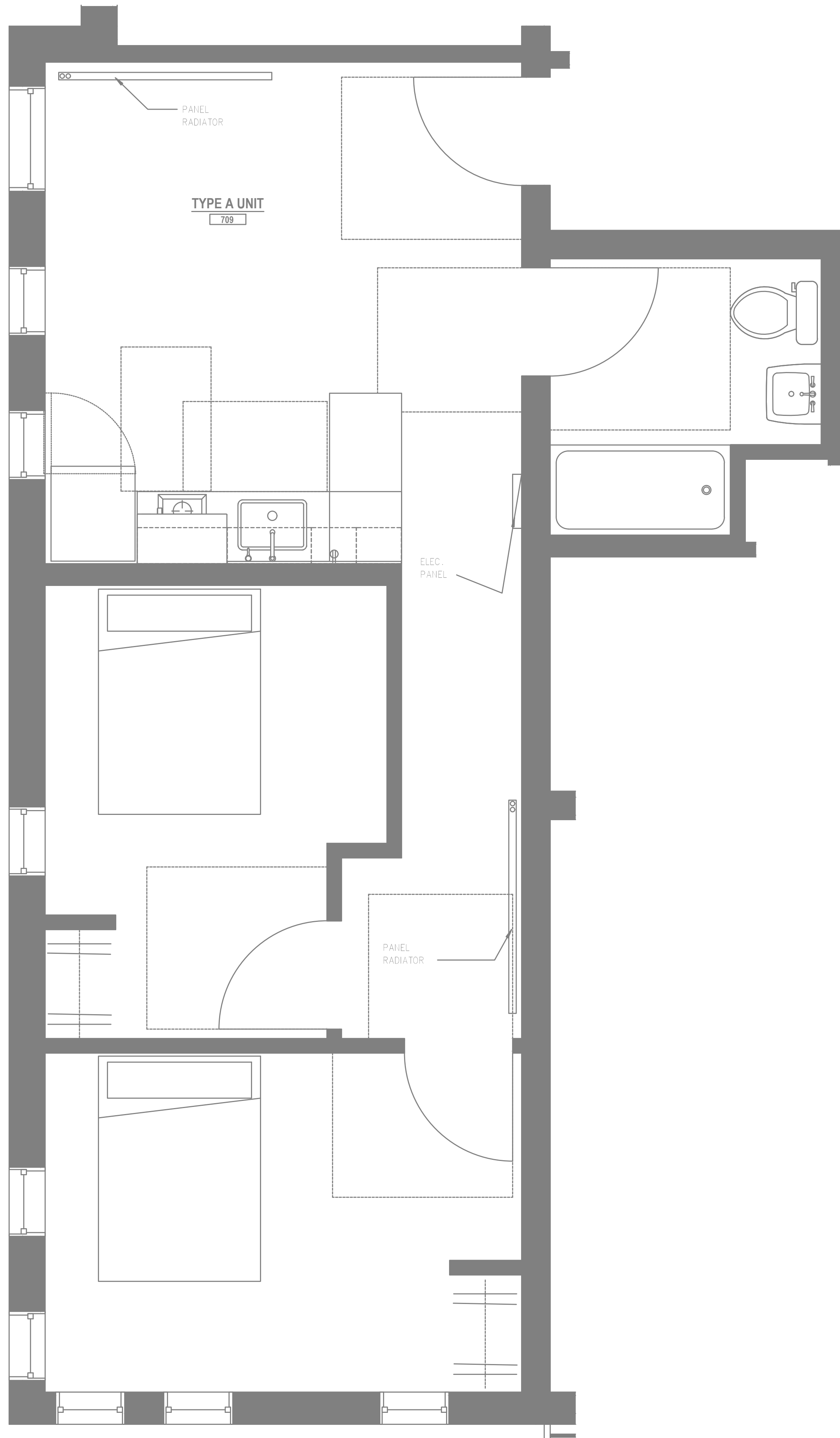
KEYED NOTES:

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A
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NATIVE LAND DEVELOPMENT

E4.14



⬡ KEYED NOTES:

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Portland, Oregon 97232
john@wright-architecture.com
503.206.8380

Project Owner: _____

ALTERNATIVE LAND DEVELOPMENT

Project Name: _____

MINNESOTA PLACES

208 N. JESSUP &
627 N. MINNESOTA
(R226159, R226160)

REVISED
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RELIIMINARY 6.21.2021

b #: 2020

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TYPICAL UNIT POWER PLANS

Drawing Number

E4.15