ELECTRICAL SYMBOL LIST

POWER SYMBOLS

RECEPTACLE, SINGLE +18" A.F.F.

RECEPTACLE, DUPLEX +18" A.F.F.

RECEPTACLE, QUAD +18" A.F.F.

TIME CLOCK CONTROL

PUSHBUTTON STATION

DISCONNECT, NON-FUSED

DISCONNECT, FUSED

FIRE SMOKE DAMPER

ELECTRICAL CONNECTION

JUNCTION BOX

THERMOSTAT

TRANSFORMER

RECEPTACLE, DUPLEX +6" ABV COUNTER

RECEPTACLE, DUPLEX, PEDESTAL MOUNT

JUNCTION BOX, EMERGENCY CIRCUIT

ELECTRICAL CONNECTION, SINGLE MOTOR

ELECTRICAL CONNECTION. MULTI-MOTOR

MISCELLANEOUS PANEL, RECESSED

MISCELLANEOUS PANEL, SURFACE

ELECTRICAL DISTRIBUTION PANEL, RECESSED

ELECTRICAL DISTRIBUTION PANEL, SURFACE

FLUSH FLOOR BOX (W/ DEVICES AS SHOWN ON PLAN)

RECEPTACLE, DUPLEX, FLUSH FLOOR MOUNT

RECEPTACLE, DUPLEX +18" A.F.F. (ONE OUTLET SWITCHED)

RECEPTACLE, DUPLEX +18" A.F.F. (BOTH OUTLETS SWITCHED)

RECEPTACLE, SPECIAL (COORDINATE WITH EQUIPMENT SERVED)

LIGHTING SYMBOLS LIGHT FIXTURE, RECESSED LIGHT FIXTURE, RECESSED - EMERGENCY 0 LIGHT FIXTURE, SURFACE MOUNT LIGHT FIXTURE, SURFACE MOUNT - EMERGENCY LIGHT FIXTURE, STRIP LIGHT FIXTURE, STRIP - EMERGENCY DOWNLIGHT FIXTURE, RECESSED DOWNLIGHT FIXTURE, RECESSED, WALLWASH DOWNLIGHT FIXTURE, RECESSED - EMERGENCY LIGHT FIXTURE, WALL MOUNT LIGHT FIXTURE, CEILING MOUNT RECESSED LIGHT FIXTURE, WALL MOUNT Ю LIGHT FIXTURE, WALL MOUNT LIGHT FIXTURE, WALL SCONCE LIGHT FIXTURE, COVE - RECESSED LIGHT FIXTURE, COVE - SURFACE LIGHT FIXTURE, UNDER CABINET/SHELF EXIT SIGN, UNIVERSAL MOUNT, W/ DIRECTIONAL ARROW EXIT SIGN, WALL MOUNT, +8'-0" A.F.F. ₽ EMERGENCY LIGHT W/ BATTERY PACK, +8'-0" A.F.F. FLOOD LIGHT AREA LUMINAIRE, POST TOP AREA LUMINAIRE, BOLLARD Ю AREA LUMINAIRE, WALL MOUNT AREA LUMINAIRE, POLE MOUNT SWITCH SYMBOLS SWITCH, SPST +48" A.F.F. SWITCH, DPST +48" A.F.F. SWITCH, 3-WAY +48" A.F.F. SWITCH, 4-WAY +48" A.F.F.

SWITCH, MOMENTARY +48" A.F.F.

SWITCH, SPST, W/PILOT LIGHT +48" A.F.F.

SWITCH, 3-WAY, W/PILOT LIGHT +48" A.F.F.

SWITCH, KEY-OPERATED +48" A.F.F.

SWITCH, DIMMER +48" A.F.F.

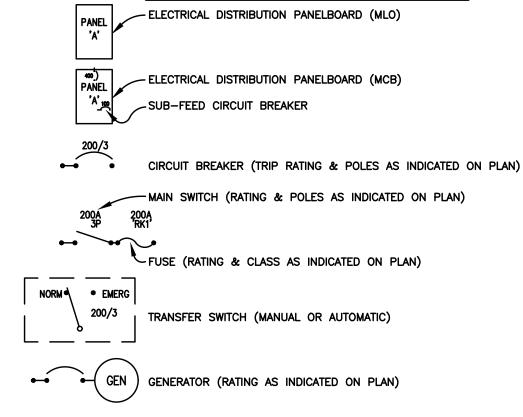
SWITCH, TIMED +48" A.F.F.

OCCUPANCY SENSOR CONTROL

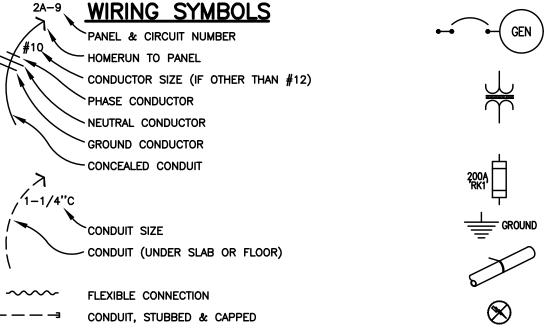
EXISTING SWITCH, SPST

PHOTOCELL CONTROL

ONE-LINE DIAGRAM SYMBOLS



TRANSFORMER (RATING AS INDICATED ON PLAN)



NORMAL POWER CIRCUIT LINETYPE

EMERGENCY POWER CIRCUIT LINETYPE EXISTING POWER CIRCUIT LINETYPE

1. SYMBOLS & ABBREVIATIONS MAY OR MAY NOT APPLY TO PROJECT 2. REFER TO LOW VOLTAGE DRAWINGS FOR ASSOCIATED SYMBOLS

FIRE RATED INSTALLATION NOTE:

ELECTRICAL ITEMS (LIGHT FIXTURES, BOXES, ETC.) WHICH ARE RECESSED INTO FIRE-RATED CEILINGS OR WALLS. SHALL BE 'ALCOVED' IN GYPSUM BOARD ENCLOSURES PER ARCHITECTURAL DETAILS, OR THE DEVICES SHALL BE 'UL' LISTED WITH FIRE-RATING EQUAL TO OR GREATER THAN THE FIRE-RATING OF THE ADJACENT CONSTRUCTION.

FUSE (RATING & CLASS AS INDICATED ON PLAN) GROUND GROUND SYSTEM (SIZE AS INDICATED ON PLAN) WATER PIPE GROUND ELECTRODE TRANSIENT VOLTAGE SURGE SUPPRESSOR UTILITY METER & METER BASE UTILITY METER CURRENT TRANSFORMER FEEDER NO. (SEE FEEDER SCHEDULE) POTENTIAL TRANSFORMER (RATING AS INDICATED ON PLANS)

ABBREVIATIONS

LIGHT FIXTURE TYPE (SEE FIXTURE LIST)

ABOVE FINISHED FLOOR

ABOVE FINAL GRADE

ARC FAULT INTERRUPTER

TRANSFER SWITCH, AUTOMATIC

CONDUIT CONDUIT ONLY

CABLE TELEVISION

CIRCUIT BREAKER

CLOSED CIRCUIT TELEVISION

C.T. CURRENT TRANSFORMER

EMERGENCY LIGHT

EXTERIOR LIGHTING CONTROL

FIRE ALARM CONTROL PANEL

GROUND FAULT INTERRUPTER

HIGH INTENSITY DISCHARGE

HORSEPOWER ISOLATED GROUND

INFRARED

JUNCTION BOX

LIGHTING CONTROL PANEL

MAIN CIRCUIT BREAKER

MAIN LUGS ONLY TRANSFER SWITCH, MANUAL

NEW

NOT IN CONTRACT NIGHT LIGHT

OVERLOAD

OFFICE LIGHTING CONTROL

PUBLIC ADDRESS

PARTIAL CIRCUIT

REMOTE TELEMETRY UNIT

SECONDARY SHORT CIRCUIT CURRENT RATING

T.V.S.S. TRANSIENT VOLTAGE SURGE SUPPRESSOR

UNDERGROUND

UNLESS OTHERWISE NOTED

VARIABLE FREQUENCY DRIVE

WIRE GUARD

WEATHERPROOF

WATERTIGHT EXPLOSION PROOF

DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.

MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)

EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)

FIXTURE REFERENCE: TOP=TYPE. BOTTOM=LAMP QTY & WATTS

GENERAL CONSTRUCTION NOTES:

CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY REVIEWING THE PLANS AND SPECIFICATION DOCUMENTS PRIOR TO THE START OF ANY WORK. ANY DISCREPANCIES IN THE PROJECT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY AND PRIOR TO THE START OF ANY WORK.

ALL DIMENSIONS ARE MEASURED TO THE CENTER OF THE DEVICE ABOVE FINISHED FLOOR UNLESS OTHERWISE NOTED AS IS STANDARD BUILDING PRACTICE.

ALL ELECTRICAL PLANS ARE DIAGRAMMATICAL AND THE CONTRACTOR SHALL CONSULT THE ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING THE ELECTRICAL CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTATION AND

COORDINATE WITH ALL OTHER TRADES THROUGHOUT THE COURSE OF THE PROJECT. ALL WORK SHALL BE IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL CODES. CONTRACTOR SHALL BE RESPONSIBLE TO BE INFORMED OF ALL SUCH CODES AS THEY APPLY TO THE SCOPE OF THE PROJECT.

GENERAL 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. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ALL APPLICABLE LOCAL. STATE &
- C. CONTRACTOR SHALL REVIEW THE DIVISION 26 SPECIFICATIONS AND THE ENTIRE DRAWING PACKAGE FOR THIS PROJECT PRIOR TO THE START OF ANY WORK.
- D. THE ELECTRICAL CONTRACTOR SHALL CONSULT WITH ALL OTHER TRADES AND PROVIDE THE APPROPRIATE POWER CONNECTION(S) AND COORDINATE EXACT LOCATIONS PRIOR TO ROUGH IN.
- E. THE ELECTRICAL CONTRACTOR SHALL IMMEDIATELY ADVISE THE ARCHITECT OF ANY DISCREPANCIES DISCOVERED WITHIN THE DOCUMENTS.
- F. ALL PRODUCT SUBMITTALS AND SUBSTITUTIONS SHALL BE PROVIDED TO THE ARCHITECT FOR REVIEW AND APPROVAL PRIOR TO PLACING ANY ORDERS.
- G. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- H. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR EXACT LOCATION(S) AND ELEVATIONS FOR FIXTURES & DEVICES.
- I. ELECTRICAL CONTRACTOR SHALL CONSULT ARCHITECTURAL AND INTERIOR DECORATOR'S PLAN DOCUMENTS SUCH AS INTERIOR ELEVATIONS, REFLECTED CEILING PLANS, ETC., FOR FIXTURE AND DEVICE DIMENSIONS NOT OTHERWISE NOTED ON THE ELECTRICAL PLANS.

GENERAL POWER NOTES:

- A. ELECTRICAL PANELS LOCATED IN PUBLIC OR UNSECURED SPACES SHALL BE PROVIDED WITH A LOCKABLE DOOR PANEL.
- B. SERVICE ENTRANCE AND METERING EQUIPMENT SHOWN TO APPROXIMATE SCALE, BASED ON INDUSTRY STANDARD PRODUCTS. ELECTRICAL CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT WILL FIT THE SPACE AND MAINTAIN REQUIRED WORKING CLEARANCES.
- 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. THERE SHALL BE NO SURFACE MOUNTED DEVICES 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.
- F. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.
- G. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.
- H. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

GENERAL LIGHTING NOTES:

- A. REFER TO SHEET E1.21 & E1.22 FOR LIGHT FIXTURE SCHEDULES.
- B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS, ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.
- C. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.
- D. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER
- E. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, LIGHTING PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.
- F. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING
- G. 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.
- H. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A LIGHTING FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL LIGHTING. REFER TO SWITCHING DETAILS ON SHEET E1.22.

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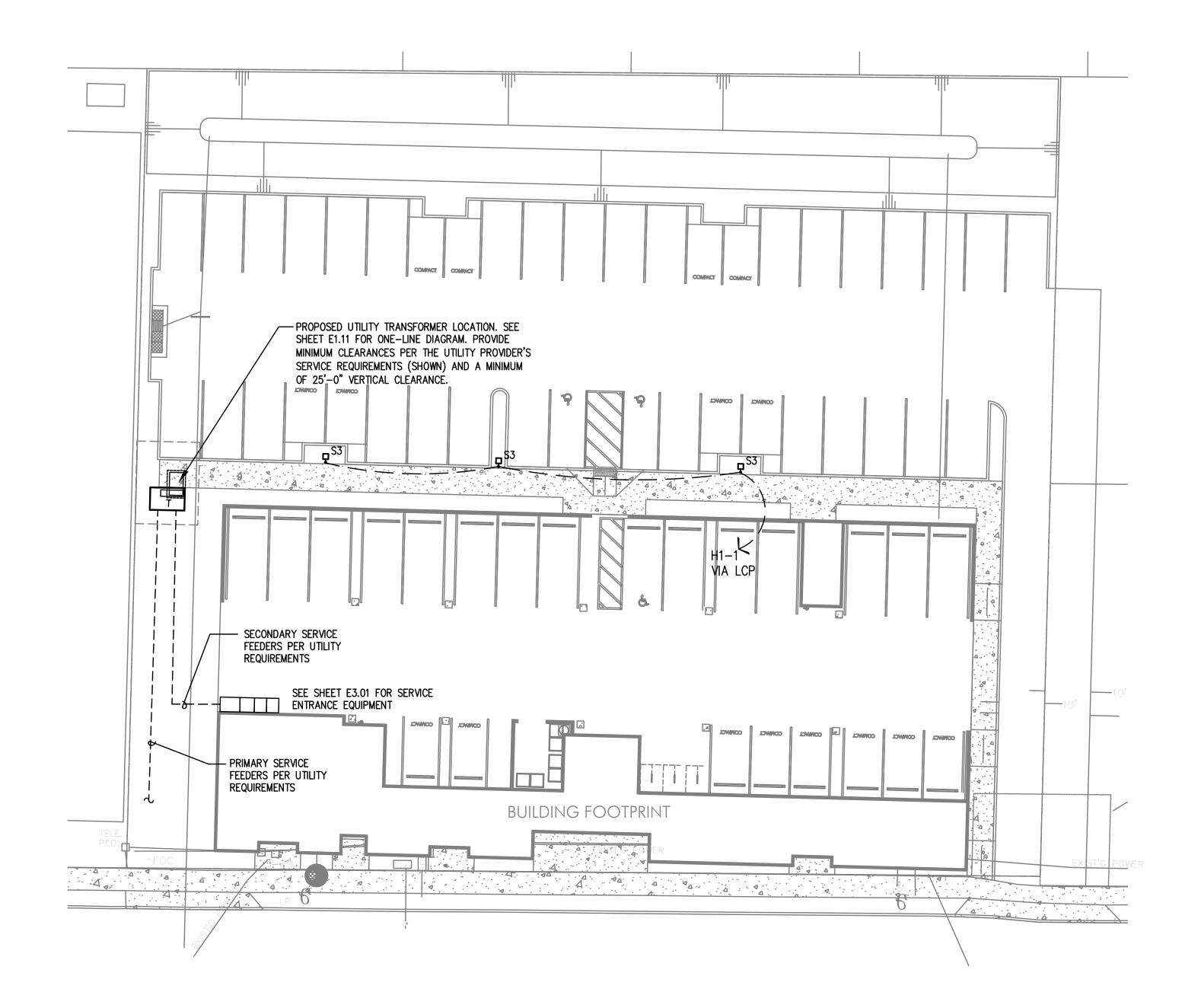


IN THE EVENT CONFLICTS ARE DISCOVERE BETWEEN THE ORIGINAL SIGNED AND SEALEI DOCUMENTS PREPARED BY THE ARCHITECT AND/OR THEIR CONSULTANTS, AND ANY COPY OF THE DOCUMENTS TRANSMITTED BY MAIL, FAX, ELECTRONICALLY OR OTHERWISE, THE ORIGINAL

PROJECT # 2019-149 05/20/2022

REVISIONS

Consulting Engineers 2007 S.E. Ash St. Portland, OR 97214 PHN: (503) 234-0548 FAX: (503) 234-0677 INC. WWW.MFIA-ENG.COM CONTACT: DENISE TAYLOR





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SITE ELECTRICAL PLAN (E1.01) SCALE: 1/16" = 1'-0"

GENERAL NOTES:

- A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATIONAL CODES.
- B. ELECTRICAL PLANS ARE DIAGRAMMATIC AND MAY OR MAY NOT REFLECT ACTUAL FIELD
- C. REFER TO LIGHTING PLANS FOR BUILDING MOUNTED LIGHT FIXTURE LOCATIONS.
- D. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT SERVICE CONDUIT AND CONDUCTORS REQUIREMENTS.
- E. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH CLARK PUBLIC UTILITIES ELECTRICAL SERVICE REQUIREMENTS.
- F. U.G. PRIMARY FEEDER SHALL HAVE A MINIMUM 48 INCH BURY.
- G. U.G. SECONDARY FEEDER SHALL HAVE A MINIMUM 36 INCH BURY.
- H. REFER TO SHEET E1.11 FOR ONE-LINE DIAGRAM, LOAD SUMMARY INFORMATION AND TYPICAL FEEDER SCHEDULE.
- SECONDARY CONDUIT SWEEPS SHALL BE MINIMUM 60 INCH RADIUS WITH A MINIMUM OF 7'-0" STRAIGHT CONDUIT RUN BETWEEN SWEEPS.
- J. CONTRACTOR SHALL REVIEW THE UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS PRIOR TO THE START OF ANY WORK.
- K. LOCATION AND INSTALLATION OF THE PRIMARY AND SECONDARY CONDUITS, TRANSFORMER, ETC. SHALL BE PROVIDED PER UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS.
- L. CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND SPECIFICATIONS IN DETAIL AND REFER TO THE DOCUMENTS THROUGHOUT THE CONSTRUCTION.
- M. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING.

OKEYED POWER NOTES:

UTILITY REQUIREMENTS

- 1. CUSTOMER TO PROVIDE ALL TRENCHING AND BACKFILLING. TRENCH TO BE 36 INCHES DEEP AND 30 INCHES WIDE, MEASURED FROM FINAL GRADE.
- 2. ALL UTILITY CONDUCTORS TO BE INSTALLED IN GRAY SCHEDULE 40, ELECTRICAL GRADE, PVC CONDUIT WITH NYLON PULL STRINGS (MIN 500 LBS. TEST). CLARK PUBLIC UTILITIES 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 UTILITY REPRESENTATIVE 2 WEEKS BEFORE STARTING MAIN POWER TRENCHING FOR A PRE-CONSTRUCTION CONFERENCE. INCLUDED IN THIS CONFERENCE WILL BE EXCAVATOR, CPU, TELCO, CATV, AND GAS.
- 4. ELECTRICAL UTILITY PROVIDER: CLARK PUBLIC UTILITIES CONSTRUCTION SERVICES 360.992.8558

			CTRICAL SERVIC	Ε		
	ELEC.	UTILITY CO.			ELEC.	UTIL
PRIMARY CONDUIT	[X		SECONDARY C	ONDUIT	X]	
PRIMARY CONDUCTOR	45 X		SECONDARY C	ONDUCTO	RS X	Г
TRANSFORMER	×		C/T ENCLOSUR	RE	X]	Ē
TRANSFORMER PAD	×		C/T's		П	_ [2
PRIMARY GROUNDING	i X		METER BASE		<u> </u>	Г
BOLLARDS	X		METER.		Π̈́	[3
TRANSFORMER CONNECTIONS	X		METER GROUP	NDING	X	
ELECTRIC ROOM DOO LOCK BOX (OBTAIN FR POWER COMPANY)						
NOTES: 1. CONTACT AND CO SERVING UTILITY (BILITIES W	П₩
1. CONTACT AND CO	COMPANI ALLATION	ES PRIOR TO I WORK SHA	SUBMITTING BI LL BE IN STRICT	D.		
CONTACT AND CO SERVING UTILITY C ALL SERVICE INST.	COMPANI ALLATION F THE SE AGT: I	ES PRIOR TO N WORK SHA ERVING UTILI ELEPHONE UTI MANDY STUI CENTURYLIN PHONE: MAN EMAIL: FIEL	SUBMITTING BI LL BE IN STRICT TIES. LITY CONTACT: BBLEFIELD	CABLE T.V. BOB MIL COMCAS PHONE: EMAIL:	ICE WITH T UTILITY CON LAR	NTACT



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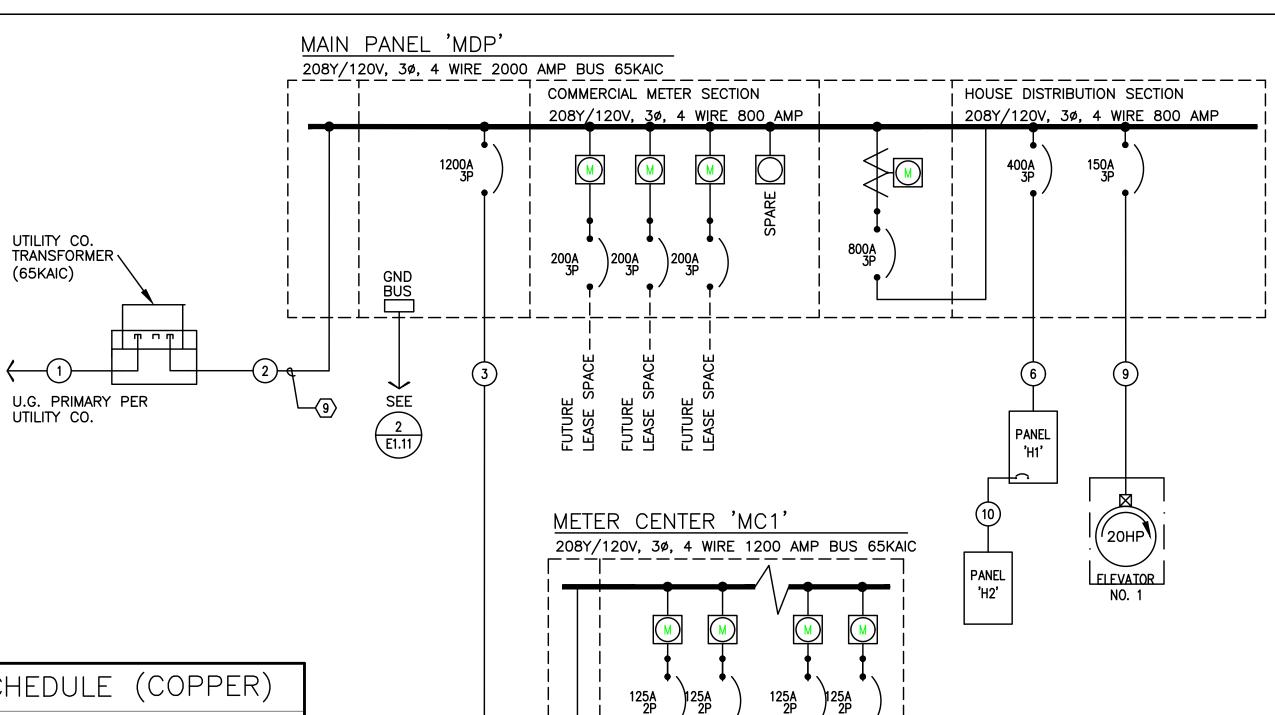
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PROJECT # 2019-149 05/20/2022

REVISIONS



PANEL

PANEL

'LC'

	FE	EDER S	SCHEDULE (C	O	PPER	
NO.	AMPS	CONDUIT	CONDUCTOR			
1		*(8) 4"	PER UTILITY CO.	&	(1)	GND
2	2000A	*(5) 4"	ea w/ (4) #600Kcmil	&	(1) #250	
3	1200A	*(3) 4"	ea w/ (4) #600Kcmil	&	(1) #3/0	GND
4	800A	*(2) 4"	ea w/ (4) #600Kcmil	&	(1) #1/0	GND
5	600A	*(2) 3"	ea w/ (4) #350Kcmil	&	(1) #1	GND
6	400A	3 1/2"	(4) #500Kcmil	&	(1) #3	GND
7	250A	2 1/2"	(4) #250Kcmil	&	(1) #4	GND
8	200A	2"	(4) #3/0	&	(1) #6	GND
9	150A	2"	(4) #1/0	&	(1) #6	GND
10	100A	1 1/2"	(4) #1	&	(1) #8	GND
11)	125A	1 1/2"	(3) #1	&	(1) #6	GND
12	100A	1 1/2"	(3) #1	&	(1) #8	GND

	FE	EDER S	SCHEDULE (A	Ll	JMINU	JM)
NO.	AMPS	CONDUIT	CONDUCTOR			
1		*4"	PER UTILITY CO.	&	(1)	GND
2	2000A	*(6) 4"	ea w/ (4) #500 MCM	&	(1) #250	
3	1200A	*(3) 3 1/2"	ea w/ (4) #600 MCM	&	(1) #1/0	GND
4	800A	*(2) 3 1/2"	ea w/ (4) #600 MCM	&	(1) #1/0	GND
5	600A	*(2) 3"	ea w/ (4) #350 MCM	&	(1) #1	GND
6	400A	3 1/2"	(4) #500 MCM	&	(1) #2	GND
7	250A	2 1/2"	(4) #250 MCM	&	(1) #4	GND
8	200A	2"	(4) #3/0	&	(1) #6	GND
9	150A	2"	(4) #1/0	&	(1) #6	GND
10	100A	1 1/4"	(4) #2	&	(1) #8	GND
11)	125A	1 1/2"	(3) #1	&	(1) #6	GND
(12)	100A	1 1/4"	(3) #2	&	(1) #8	GND

* PARALLEL FEEDERS PER UTILITY PROVIDER'S DIRECTION.

1. REFER TO THE UTILITY PROVIDER'S DESIGN AND INCOMING SERVICE DIVISION OF RESPONSIBILITIES FOR ADDITIONAL INFORMATION.

- 2. ALUMINUM CONDUCTORS MAY BE USED IN LIEU OF COPPER FOR SECONDARY FEEDERS.
- 3. ALUMINUM CONDUCTORS MAY BE USED FOR FEEDERS OVER 100A.
- 4. USE OF ALUMINUM FEEDERS SHALL BE AS ALLOWED BY THE NEC.

1	ELECTRICAL	ONE-LINE	DIAGRAM
E1.11	208/120v, 3ph, 4w		

PANEL

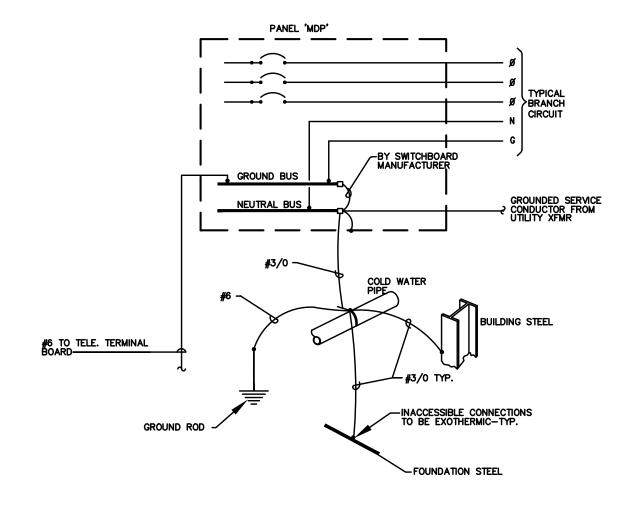
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PANEL

'LC'

TYPICAL FOR

39 APT. UNITS



GROUNDING/BONDING DIAGRAM
208/120v, 3ph, 4w

			EX STATIC				
		Vlain distril	oution Cen	ter "MDP"			LABOTOT
LOAD:	LIGHTS	RECEPT	HEAT	MISC	EQUIP	MOTORS	LARGEST MOTOR
House Panels (H1 & H2)	22,750	10,440	27,732	0	6,000	17,056 43,200	43,20
Elevator						,	,
Residential Meters (MC1)				388,000			
Retail Meters (MC2) 2072 sf @ 30w/sf				62,150			
SUBTOTAL	22,750	10,440	27,732	450,150	6,000	60,256	43,20
X-FACTOR	1.25	1 + .5	1	1	1	1	0.25
CODE LOAD:	28,438	10,220	27,732	450,150	6,000	60,256	10,80

621	KVA
208	3ph
594	KVA
1648	AMPS
	208 594

ONE-LINE GENERAL NOTES:

- A. COORDINATE ALL WORK ASSOCIATED WITH ELECTRIC SERVICE WITH LOCAL UTILITY. PROVIDE ALL CONDUIT, 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.
- D. PER NEC 240.87, THE ELECTRICAL CONTRACTOR SHALL PROVIDE DOCUMENTATION FOR ARC ENERGY REDUCTION DEVICE(S) FOR CIRCUIT BREAKERS 1200A OR GREATER. CONTRACTOR SHALL PROVIDE AN ENERGY-REDUCING ACTIVE FLASH MITIGATION SYSTEM OR OTHER METHOD APPROVED BY THE NEC.
- E. USE OF ALUMINUM CONDUCTORS, AS ALLOWED BY CODE, MAY BE SUBSTITUTED FOR COPPER. CONTRACTOR SHALL PROVIDE WRITTEN SUBSTITUTION REQUEST DEMONSTRATING THE THAT THE PROPOSED PRODUCT IS EQUIVALENT TO COPPER IN ALL ASPECTS.

		MECHA	NICAL	EQU	IPMENT S	SCHEDU	ILE		
NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
EH-1	ELECTRIC WALL HEATER NO.1	1.5 KW	120	1		1/2"	#12	#12	SEE UNIT PLANS
EH-2	ELECTRIC WALL HEATER NO.2	1.0KW	208	1		1/2"	#12	#12	SEE FLOOR PLANS
EH-3	ELECTRIC WALL HEATER NO.3	1.0 KW	208	1		1/2"	#12	#12	
EH-4	ELECTRIC WALL HEATER NO.4	500W	120	1		1/2"	#12	#12	SEE E3.01
ERV-1	ERV FAN NO.1 (1BATH)	46W	120	1		1/2"	#12	#12	SEE UNIT PLANS
ERV-2	ERV FAN NO.2 (2 BATH)	103W	120	1		1/2"	# 12	#12	SEE UNIT PLANS
ERV-3	ERV FAN NO.3 (1 BATH)	46W	120	1		1/2"	# 12	#12	SEE UNIT PLANS
GEF-1	GARAGE EXHAUST NO.1	1.5HP	208	3		1/2"	# 12	#12	H2-2,4
IAC-1	MINI SPLIT SYST NO.1 (INDOOR)								
OAC-1	MINI SPLIT SYST NO.1 (OUTDOOR))	208	1	28.0 MCA	1/2"	# 10	# 10	H1-25,27
IHP-1	MINI SPLIT SYST NO.1 (INDOOR)								
OHP-1	MINI SPLIT SYST NO.1 (OUTDOOR))	208	1	25.0 MCA	3/4"	#8	# 10	H1-32,34 (TEMP)
IHP-2	MINI SPLIT SYST NO.2 (INDOOR)								
OHP-2	MINI SPLIT SYST NO.2 (OUTDOOR)	208	1	19.0 MCA	3/4"	# 10	# 10	H1-36,38 (TEMP)
IHP-3	MINI SPLIT SYST NO.3 (INDOOR)								
OHP-3	MINI SPLIT SYST NO.3 (OUTDOOR)	208	1	25.0 MCA	3/4"	#8	# 10	H1-40,42 (TEMP)
IHP-4	MINI SPLIT SYST NO.4 (INDOOR)								
OHP-4	MINI SPLIT SYST NO.4 (OUTDOOR)	208	1	10.0 MCA	1/2"	#12	#12	H2-1,3
RTU-1	AIR HANDLING UNIT NO.1		208	1	52.0 MCA	1"	#4	#10	H2-15,17
SP-1	SUMP PUMP NO.1	1/2HP	120	1		1/2"	#12	#12	H1-19
WH-1	WATER HEATER NO.1	4.5KW	208	1		1/2"	#12	#12	SEE UNIT PLANS
WH-2	WATER HEATER NO.2	3.0KW	208	1		1/2"	# 12	#12	H2-22,24

GENERAL EQUIPMENT NOTES:

B. CONTRACTOR/DESIGNER SHALL VERIFY ALL MECHANICAL EQUIPMENT CONNECTION LOAD REQUIREMENTS WITH THE MECHANICAL EQUIPMENT PROVIDER PRIOR TO ROUGH IN.

MECHANICAL EQUIPMENT SIZES SHOWN IN THE MECHANICAL SCHEDULE ABOVE ARE FOR REFERENCE ONLY AND MAY NOT REFLECT THE ACTUAL EQUIPMENT TO BE INSTALLED.

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ARCHITECTURE

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IN THE EVENT CONFLICTS ARE DISCOVERED BETWEEN THE ORIGINAL SIGNED AND SEALED DOCUMENTS PREPARED BY THE ARCHITECTS AND/OR THEIR CONSULTANTS, AND ANY COPY OF THE DOCUMENTS TRANSMITTED BY MAIL, FAX, ELECTRONICALLY OR OTHERWISE, THE ORIGINAL SIGNED AND SEALED DOCUMENTS SHALL GOVERN.

PROJECT # 2019-149 05/20/2022

REVISIONS

PMEN.

								LEX STATION									
		QTY	PER FI	LOOR		AREA	LTG/RECEPT	AL LOAD SUM SM APPL	LAUNDRY	COOKING	MICROWAVE	DISHWASHER	ELECT DRYER	WATER	DISPOSAL	MOTORS	LARGEST OF:
UNIT TYPE:	Lvl 1	Lvl 2	Lvi 3	Lvl 4	TOTAL	(SF)	(3VA / SF)	(1500VA X 2)	(1500VA)	(CONNECTED)	(CONNECTED)	(CONNECTED)	(CONNECTED)	HEATER (CONNECTED)	(CONNECTED)	(CONNECTED)	AC/HEATING (CONNECTED)
oit		4	4	4	12	430	1290	3000	1500	11500	1500	1200	3500	4500	900	0	3000
d/1bath		4	4	4	12	630	1890	3000	1500	11500	1500	1200	3500	4500	900	О	4500
d/2bath		5	5	5	15	930	2790	3000	1500	11500	1500	1200	3500	4500	900	0	6000
TALS:	0	13	13	13	39	26670	80010	117000	58500	448500	58500	46800	136500	175500	35100	0	180000

VOLTS: 208 3ph TOTAL CONNECTED: 1336 KVA

DEMAND FACTOR: 0.29 Based on Total Number of Residential Units = 46 - 50 (See N.E.C. Article: 220.84) TOTAL CALCULATED: 388 KVA

CALCULATED AMPS: 1076 AMPS

NOTE:

		MFIA P	ANELS	CHEDU	_E					
panel		mountin	g		location	1		connected load amps		
Panel H1		SURFA	CE		ELECT	. RM			221	
voltage		phase		bı	ıs & ma	iin		calculated load amps		
120/208V		3		400A			MLO		231	
C service	va	a/p	no.	abc	no.	a/p	va	service		С
1 LIGHTS - PARKING LOT	1500	20/1	1	*	2	20/1	1500	RECEPT - FLR 1 / EF-2		2
1 LIGHTS - BLDG EXTERIOR SIGNS	1500	20/1	3	*	4	20/1	500	RECEPT - ELEV MACH RM		2
1 LIGHTS - PARKING GARAGE	1500	20/1	5	*	6	20/1	500	ENTRY ACCESS		5
1 LIGHTS STAIR #1	1500	20/1	7	*	8	20/1	500	PHONE BOARD		5
1 LIGHTS - STAIR #2	1500	20/1	9	*	10	20/1	500	COMM BOARD		5
1 LTS & RECEPT - ELEV PIT/SHAFT	1500	20/1	11	*	12	20/1	1000	AUTO DOOR		6
1 LIGHTS - FLR 1 & 2	1500	20/1	13	*	14	20/1	1000	AUTO DOOR		6
1 LIGHTS - FLR 1 & 2 EGRESS	1500	20/1	15	*	16	20/1	1500	RECEPT - FLR 2 / EF-1		2
1 LIGHTS - FLR 1 & 2	1500	20/1	17	*	18	20/1	500	SMOKE DAMPERS		5
6 SP-1 SUMP PUMP	1176	20/1	19	*	20	20/1	500	LIGHTING CONTROL LCP		5
3 EH-2 (STAIR #1)	1000	20/1	21	*	22	20/1	500	ELEV CAB LIGHTS		2
3 EH-2 (STAIR #2)	1000	20/1	23	*	24	20/1	1500	ELEV CONTROL MODULE		5
3 IAC/OAC-1	2900	30/2	25	*	26	20/1	500	FACP		5
3 *	2900	*	27	*	28	20/1	0	SPARE		
2 RECEPT - TEMPORARY	1080	20/1	29	*	30	20/1	0	SPARE		
2 RECEPT - TEMPORARY	1080	20/1	31	*	32	35/2	2600	IHP/OHP-1 (TEMP)		3
2 RECEPT - TEMPORARY	1080	20/1	33	*	34	*	2600	*		3
1 LIGHTS - TEMPORARY	1500	20/1	35	*	36	30/2	1976	IHP/OHP-2 (TEMP)		3
7 PANEL H2	9880	100/3	37	*	38	*	1976	*		3
7 *	9680	*	39	*	40	35/2	2600	IHP/OHP-3 (TEMP)		3
7 *	7800	*	41	*	42	*	2600	*		3
Phase A	28112	VA			NOTES			line-line voltage		
Phase B	27360	VA							208	
Phase C	23956	VA						largest motor (va)		
Total Connected	79428	VA							0	
load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)		
1. LIGHTS=	4500	4500		6000	VA	15000	1.25		18750	
2. RECEPT.=	2580	3580		1080	VA	7240	1 + 0.5		7240	
3. HEATING=	7476	9100		5576	VA	22152	1.00		22152	
4. KITCHEN=	0	0		0	VA	0	1.00		0	
5. EQUIP.=	1500	500		2500	VA	4500	1.00		4500	
6. MOTORS=	2176	0		1000	VA	3176	*		3176	
7. MISC=	9880	9680		7800	VA	27360	1.00		27360	
(* 125% of the largest motor + 100%	of the b	alance)					TOTAL =		83178	_

			MFIA P	ANELS	SCHEDU	_E				
	panel		mountin	•		location	•		connected load amps	
	Panel H2		SURFA	CE		ELECT	RM		76	,
	voltage		phase		b	us & ma	ain		calculated load amps	
	120/208V		3		100A			MLO	78	
С	service	va	a/p	no.	abc	no.	a/p	va	service	С
3	IHP/OHP-4	1040		1	*	2	20/2		GEF-1	6
3	*	1040		3	*	4	*	1040		6
	SPARE	0	20/1	5	*	6	20/1	200	RECEPT - TERRACE	2
	LIGHTS - FLR 3 & 4	1500		7	*	8	20/1		LIGHTS - TERRACE	1
1	LIGHTS - FLR 3 & 4 (EGRESS)	1500		9	*	10	20/1		GAS GRILLS, FIRE TABLE	5
2	RECEPT - FLR 3 / EF-1	1500	20/1	11	*	12	20/1	500	GAS SHUT-OFF	5
2	RECEPT - FLR 4 / EF-1	1500	20/1	13	*	14	20/1		SMOKE DAMPERS	5
6	RTU - 1	5400		15	*	16	20/1		EF-3	6
6	*	5400		17	*	18	20/1		EF-4	6
	SPARE	0	20/1	19	*	20	20/1	500	EH-4 (RISER RM)	3
5	WATER VAULT (OPTIONAL)		20/1	21	*	22	30/2		WH-2	3
5	IRRIGATION (OPTIONAL)		20/1	23	*	24	*	1500	*	3
	BLANK			25	*	26			BLANK	
	BLANK			27	*	28			BLANK	
	BLANK			29	*	30			BLANK	
	BLANK			31	*	32			BLANK	
	BLANK			33	*	34			BLANK	
	BLANK			35	*	36			BLANK	
	BLANK			37	*	38			BLANK	
	BLANK			39	*	40			BLANK	
	BLANK			41	*	42			BLANK	
	Phase A	6280				NOTES	:		line-line voltage	
	Phase B	11480	VA						208	\$
	Phase C	9600	VA						largest motor (va)	
	Total Connected	27360	VA						0)
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	1700	1500		0	VA	3200	1.25	4000)
	2. RECEPT.=	1500	0		1700	VA	3200	1 + 0.5	3200)
	3. HEATING=	1540	2540		1500	VA	5580	1.00	5580)
	4. KITCHEN=	0	0		0	VA	0	1.00	0)
	5. EQUIP.=	500	500		500	VA	1500	1.00	1500)
	6. MOTORS=	1040	6940		5900	VA	13880	*	13880)
	7. MISC=	0	0		0	VA	0		0)
	(* 125% of the largest motor + 1009	% of the b	alance)		•		•	TOTAL =	28160)

		Project:	Daybrea	ak Station				
		Unit Type	2Be droom	1				
		Area:	930	square fee	(average)			
nimum (Size Feede	r (NEC 220	40).					
iiiiiiiii v		hting load a		F		2,790	\/Δ	
				1500VA each	1	3,000		
		oad (1 ckt a	•	ISOUVA CACII	,	1,500		
	Range	Jaa (T Cht a	(1000 (A)			11,500		
		king Annlia	nce Load (N	/licrowave Ov	en)	1,500		
	Dishwashe		ico Loud (i		511)	1,200		
	Electric Dr					3,500		
		ater Heater	Load			4,500		
	Disposal lo					900		
	Other mot						VA	
	Total "Gen	eral Loads"				30,390	VA	
	First 10 k\	/A of "gene	ral loads" a	t 100%		10,000	VA	
		of "genera				8,156		
	Net "gener	al load"				18,156	VA	
ranat af		\/A of alos	tria anasa	booting /loop	than 4) at CEO/	0	VA	
rgest of. -or-					than 4) at 65% more) at 40%	2,400		
-or-	0,000		•		pumps at 100%		VA	
-UI-		VA OI all (onditioning.	grooming/neat	pumps at 100%	0	v /\	
	TOTAL LO	AD				20,556	VA	
r 120/20	8-volt, 4-wi			or feeder,				
	20,556	VA / 208	volts =			99	Amps	

		DWELI	ING UN	IT LOAD	CALCUI	LATION		
		Project:	Daybrea	ak Statio	n			
		Unit Type	1Be droom	1				
		Area:	630	square fe	et(averag	e)		
Minimum S	Size Feeder	(NEC 220	40).					
WIII III III K	General lig			=			1,890	\/Δ
		liance load			ch)		3,000	
	Laundry Lo			OUVA Ca	-		1,500	
	Range	(1 OILL 0	. 1000 (11)				11,500	
	Other Cool	king Applia	nce Load (N	/licrowave (Oven)		1,500	
	Dishwashe		(1				1,200	
	Electric Dr						3,500	
		ater Heater	Load				4,500	
	Disposal lo	ad					900	
	Other moto						0	VA
	Total "Gen	eral Loads"					29,490	VA
	First 10 kV	'A of "gene	ral loads" a	t 100%			10,000	VA
		of "genera					7,796	
	Net "gener	al load"					17,796	VA
Largest of.	4,000	VA of elec	tric space	heating (le	ss than 4) a	at 65%	2,600	VA
-or-					or more) at		0	VA
-or-					eat pumps		0	VA
	TOTAL LO	AD					20,396	VA
For 120/20	8-volt, 4-wi			or feeder,				
	20,396	VA / 208 v	olts =				98	Amps
			be permitte				amp servi	

		DWELI	ING UNI	TLOAD	CALCUL	ATION			
		Project:	Daybrea	k Statio	n				
		Unit Type	2Be droom	l					
		Area:	930	square fe	et(averag	e)			
Minimum S	Size Feede	r (NEC 220.	40).						
wiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii		hting load a		=			2,790	\/Δ	
		liance load			rh)		3,000		
		oad (1 ckt a	•	COUNT CAL	211)		1,500		
	Range	Jud (1 Cht a	(1000 (A)				11,500		
		king Appliai	nce Load (N	licrowave (Oven)		1,500		
	Dishwashe		loo Load (IV	ilolollaro (Svorij		1,200		
	Electric Dr						3,500		
		ater Heater	Load				4,500		
	Disposal lo		Loud				,	VA	
	Other moto							VA	
							-		
	Total "Gen	eral Loads"					30,390	VA	
							,		
	First 10 kV	/A of "gene	ral loads" at	t 100%			10,000	VA	
		r of "genera					8,156		
	Net "gener	al load"					18,156	VA	
Largest of:			tric space					VA	
-or-	6,000	VA of elec					2,400		
-or-		VA of air o	onditioning	/cooling/he	at pumps a	at 100%	0	VA	
	TOTAL LO	AD					20,556	\/ \	
	TOTAL LO	AU					20,006	VA	
For 120/20	8-volt, 4-wi	re, three-ph	ase service	or feeder.					
		VA / 208 v					99	Amps	
	, -								

	MFIA CI	RCUIT	DIRE	ECTO	DRY			16-May-22
Loadcenter Name	mountin	g			locatio	n		<u> </u>
LC-2BR (TYPICAL)		RECESSED						
voltage	phase			bı	us & ma	ain		
208/120	1		125	A M	LO	(SCCR:	22K)	
service	a/p	no.	L1	L2	no.	a/p	service	
LIGHTS-KITCHEN/LIVING	15/1(A)	1	*		2	20/1(A)	APPLIANCE CIRCUIT	
LTS & RECEPT - BATH	15/1	3		*	4	20/1(A)	APPLIANCE CIRCUIT	
RECEPT - LIVING	15/1(A)	5	*		6	20/1	REFRIGERATOR	
RECEPT - LIVING	15/1(A)	7		*	8	20/1	MICRO/HOOD	
LTS & RECEPT - BEDROOM	15/1(A)	9	*		10	50/2	RANGE	
LTS & RECEPT - BEDROOM	15/1(A)	11		*	12	*	*	
WASHER	20/1(G)	13	*		14	20/1	DISPOSAL	
DRYER	40/2	15		*	16	20/1	DISHWASHER	
*	*	17	*		18	20/1	SPARE	
WATER HEATER	30/2	19		*	20	20/2	HEAT (WHERE USED)	
*	*	21	*		22	*	*	
SMART PANEL	20/1	23		*	24	20/2	HEAT (WHERE USED)	
ERV	20/1	25	*		26	*	*	
BLANK		27		*	28		BLANK	
BLANK		29	*		30		BLANK	
NOTES:			-			1		
1. (A) DENOTES: ARC-FAULT IN	TERRUPTE	R CIRC	CUIT	BRE	AKER.	INSTALL	. PER NEC 210.12.	
,								
2. LOADS FOR THIS PANEL ARE	E INDICATE	D ON ⁻	THE '	"DW	ELLING	UNIT LO	DAD CALCULATION".	
3. BREAKER & WIRE SHALL BE	SIZED FOR	REQU	IPME	ENT	INSTAL	LED.		
4. (G) DENOTES GFCI RATED B	REAKER.							
(=, =:::::::::::::::::::::::::::::::::::	—							
5. 15A CIRCUIT BREAKERS (14A	0.40 0.14.1			/ - .	D 40 D		D DV 00DE	

	MFIA CI	RCUIT	DIRE	CTC	DRY		16-May-22
Loadcenter Name	mounting				location		
LC-1BR (TYPICAL)		RECES	SSE)			
voltage	phase			bı	us & ma	ain	
208/120	1		125	ΑM	LO	(SCCR:	22K)
service	a/p	no.	L1	L2	no.	a/p	service
LIGHTS-KITCHEN/LIVING	15/1(A)	1	*		2	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - BATH	15/1	3		*	4	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - BEDROOM	15/1(A)	5	*		6	20/1	REFRIGERATOR
RECEPT - LIVING	15/1(A)	7		*	8	20/1	MICRO/HOOD
SPARE	15/1(A)	9	*		10	50/2	RANGE
SPARE	15/1(A)	11		*	12	*	*
WASHER	20/1(G)	13	*		14	20/1	DISHWASHER
DRYER	40/2	15		*	16	20/1	DISPOSAL
*	*	17	*		18	20/1	SPARE
WATER HEATER	30/2	19		*	20	20/2	HEAT
*	*	21	*		22	*	*
SMART PANEL	20/1	23		*	24		BLANK
ERV	20/1	25	*		26	Ī	BLANK
BLANK		27		*	28		BLANK
BLANK		29	*		30		BLANK
NOTES: 1. (A) DENOTES: ARC-FAULT INTE 2. LOADS FOR THIS PANEL ARE II 3. BREAKER & WIRE SHALL BE S 4. (G) DENOTES GFCI RATED BRE	NDICATE	D ON T	HE '	'DW	ELLING	G UNIT LO	

	MFIA CI	RCUIT	DIREC	CTC	DRY		16-N
Loadcenter Name	mountin	g			location	า	
LC-STUDIO (TYPICAL)		RECES	SSED				
voltage	phase			bı	ıs & ma	ain	
208/120	1		125A	A M	LO	(SCCR:	22K)
service	a/p	no.	L1	L2	no.	a/p	service
LIGHTS-KITCHEN/LIVING	15/1(A)	1	*		2	20/1(A)	APPLIANCE CIRCUIT
LTS & RECEPT - BATH	15/1	3		*	4	20/1(A)	APPLIANCE CIRCUIT
RECEPT - LIVING	15/1(A)	5	*		6	20/1	REFRIGERATOR
RECEPT - LIVING	15/1(A)	7		*	8	20/1	MICRO/HOOD
SPARE	15/1(A)	9	*		10	50/1	RANGE
SPARE	15/1(A)	11		*	12	*	*
WASHER	20/1(G)	13	*		14	20/1	DISPOSAL
DRYER	40/2	15		*	16	20/1	DISHWASHER
*	*	17	*		18	20/2	HEAT
WATER HEATER	30/2	19		*	20	*	*
*	*	21	*		22	20/2	HEAT (WHERE USED)
SMART PANEL	20/1	23		*	24	*	*
ERV	20/1	25	*		26	20/1	SPARE
BLANK		27		*	28		BLANK
BLANK		29	*		30		BLANK
 (A) DENOTES: ARC-FAULT INTE LOADS FOR THIS PANEL ARE I BREAKER & WIRE SHALL BE S (G) DENOTES GFCI RATED BRE 	NDICATE	D ON T	HE "C	ЭW	ELLING	G UNIT LO	
5. 15A CIRCUIT BREAKERS (14AG	W) SHAL	L BE A	LLOV	VE	O AS R	EQUIRE	D BY CODE.

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PROJECT # 2019-149 05/20/2022

revisions

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
A1 A1E	LED 3000K 2000LM/80CRI 25W	LITHONIA (OR APROVED OTHER)	ZL1N SERIES	TYPE :4' GEN. PURPOSE STRIP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :DIFFUSED ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE 'AE' SIMILAR TO TYPE 'A' EXCEP WITH EMERGENCY BATTERY BACK-UP EQUIP. RMS, TRASH RM, LEASE SPACE
A2 A2E	LED 3500K 3000LM/80CRI 23W	LITHONIA (OR APROVED OTHER)	FEML48 SERIES	TYPE :4' ENCLOSED INDUSTRIAL MOUNTING :SURFACE HOUSING :POLYCARBONATE LENS/REFL :CLEAR POLYCARBONATE VOLTAGE :MVOLT BALLAST :LED DRIVER	WALL MOUNT AT +7'-0" AFF IN ROOF TERRACE MECH. ROOM.
D4		LITLIONIA	W 4 001 D075 OFDIFO		
B1 B1E	LED 3000K 2152LM/80CRI	LITHONIA (OR APROVED OTHER)	WL4 20LP835 SERIES	TYPE :4' WRAP AROUND MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT	PROVIDE WITH INTEGRAL OCCUPANCY SENSOR, DIM50 STANDBY MODE
	18.7W			BALLAST :LED DRIVER	STAIRWELLS
C1 C1E	LED 3000K 1275LM	USAI LIGHTING (OR APROVED OTHER)	BEVELED B4RD-G1 SERIES	TYPE :4.5" DIA. DOWNLIGHT MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :SOLITE/90 DEGREE BEAM VOLTAGE :MVOLT	C1E TO BE PROVIDED W/ EMERGENCY BATTERY BACK-UP TRIM FINISH PER ARCHITECT IC RATED
	12W			BALLAST :LED DRIVER (DIMMING)	LOBBIES, CORRIDORS, COMMUNITY RM
C2	LED 900LM/80CRI 3000K	USAI LIGHTING (OR APPROVED OTHER)	B4RA SERIES	TYPE :4" DIA. ADJ. WALL WASHER MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT	TRIM PER ARCHITECT IC RATED 40 DEGREE BEAM/FIELD AIMED
	10W			BALLAST :LED DRIVER (DIMMING)	LOBBY, COMMUNITY RM
D1	(8) JCD/G9 LED 3000K/80CRI	TBD (OR APROVED OTHER)	TBD	TYPE :LARGE PENDANT MOUNTING :SUSPENDED HOUSING : LENS/REFL: VOLTAGE :120V	FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER ARCH.
	24W			BALLAST :LED DRIVER (0/10 DIMMING)	LOBBY
S1	LED 3000K 975LM	USAI LIGHTING (OR APROVED OTHER)	BEVELED 1020 SERIES	TYPE :4.5" DIA. DOWNLIGHT MOUNTING :RECESSED HOUSING :ALUMINUM	UL LISTED WET LOCATION FINISH PER ARCHITECT
	14W			LENS/REFL :SOLITE VOLTAGE :MVOLT BALLAST :LED DRIVER	BUILDING ENTRANCES
S2	LED 3000K 2450LM	GARDCO LIGHTING (OR APROVED OTHER)	PWS SERIES	TYPE :EXTERIOR WALL PACK MOUNTING :SURFACE (+8'-0") HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE III DISTRIBUTION BUILDING SERVICE ENTRANCES
S3	LED 3000K 4398LM (49W)	LITHONIA LIGHTING (OR APPROVED EQUAL)	DSX0-LED-P2 SERIES	TYPE :AREA LIGHT MOUNTING :POLE MOUNT (+18'-0") HOUSING :CAST ALUMINUM LENS/REFL :TYPE III DISTRIBUTION VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT. PROVIDE WITH PHOTOCELL & MEANS TO REDUCE LIGHT LEVELS DURING PERIODS OF INACTIVITY. PROVIDE WITH HOUSE SIDE SHEILD. PARKING LOT
U1	LED	LIGHTOLIER	CED CEDIEC	TYPE :5" DIA. DOWNLIGHT	FINISH PER ARCHITECT.
UI	650 LM 3000K	(OR APPROVED OTHER)	S5R SERIES	MOUNTING :SURFACE (J-BOX) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	UNIT KITCHEN, HALL, BATHROOM
U2	LED 750 LUMEN 3000K	KUZCO LIGHTING (OR APPROVED OTHER)	FM3511 SERIES	TYPE :11" DIA. CEILING LIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :GLASS VOLTAGE :120V	FINISH PER ARCHITECT.
	(18W)			BALLAST :LED DRIVER	UNIT LIVING (STUDIO), BEDROOM
U3	LED 2400LM 3000K	KUZCO LIGHTING (OR APROVED OTHER)	VL61224 SERIES	TYPE :24" VANITY LIGHT MOUNTING :SURFACE (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :120V	
	29W			BALLAST :LED DRIVER	UNIT BATHROOM
U4	LED 3000K 200LM	WAC LIGHTING (OR APROVED OTHER)	HR-LED90 SERIES	TYPE :UNDER CABINET LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :24V	FINISH PER ARCHITECT.
9	5W			BALLAST :LED DRIVER (ELV DIMMING)	UNIT KITCHEN
' X'	(GREEN LETTERS)	LITHONIA DMF LIGHTING (OR APROVED 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	
'X2'	LED	LITHONIA	WLTE EL SERIES	TYPE :EXIT SIGN	UL LISTED WET LOCATION
۸۷		(OR APROVED OTHER)	BLACK FINISH	MOUNTING: UNIVERSAL HOUSING: DIE—CAST ALUMINUM LENS/REFL: SINGLE FACE VOLTAGE: MVOLT	OF FISHED MET FOCATION

GENERAL NOTES:

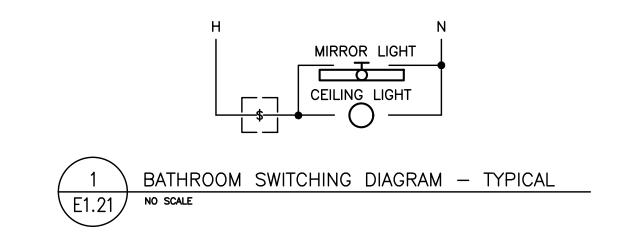
- A. ALL LIGHT FIXTURES SHALL HAVE ENERGY EFFICIENT LAMPING AND BALLASTS.
- B. LIGHT FIXTURES FOR LIVING UNITS SHALL BE "ENERGY STAR" RATED.
- C. EXTERIOR LIGHT FIXTURES SHALL BE "NIGHT SKY" FRIENDLY.

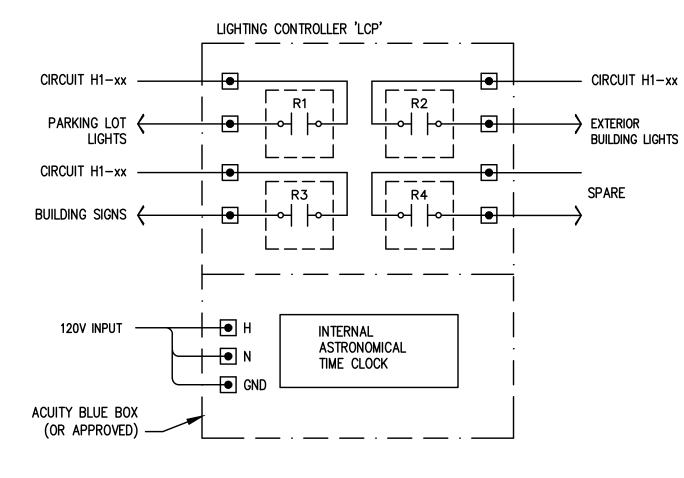
D. VERIFY ALL FIXTURE FINISHES WITH ARCHITECT PRIOR TO BID.

- E. VERIFY ALL FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO BID.
- F. VERIFY ALL FIXTURE LOCATIONS WITH ARCHITECT PRIOR TO ROUGH IN.
- G. ALL INTERIOR LIGHTING SHALL BE 3000 KELVIN UNLESS OTHERWISE NOTED.
- H. ALL PRODUCT SUBSTITUTIONS AND VALUE ENGINEERING SHALL BE SUBMITTED DURING BID PHASE, SHALL MEET DESIGN INTENT AND IS SUBJECT TO OWNER APPROVAL.
- CONTRACTOR SHALL CONSULT MANUFACTURER INSTALLATION INSTRUCTIONS FOR ALL FIXTURES AND DEVICES AND INSTALL AS INSTRUCTED. THIS INCLUDES ALL ELECTRICAL COMPONENTS REQUIRED FOR COMPLETE INSTALLATION. WORK SHALL BE PERFORMED SUCH THAT MANUFACTURER WARRANTY IS NOT VOIDED.
- J. IF NECESSARY, CONTRACTOR SHALL PROVIDE IC RATED BOXES FOR ANY APPROVED, SUBSTITUTED FIXTURES NOT MEETING INSULATED CEILING REQUIREMENTS.
- K. BUILDING MOUNTED EXTERIOR WALL SCONCES, TYPE S3b. TO BE CONTROLLED VIA PHOTOCELL AND BE PROVIDED WITH A TIME CLOCK TO REDUCE LIGHT OUTPUT BY 30% DURING LATE NIGHT TO REDUCE REFLECTANCE INTO TENANT LIVING UNITS. FIXTURES DESIGNATED TO BE EGRESS SHALL BE BE WIRED SUCH THAT IN THE EVENT OF A POWER OUTAGE. THE LIGHTS AUTOMATICALLY RETURN TO FULL OUTPUT. TIME CLOCK SETTINGS TO BE DETERMINED BY THE OWNER.

O KEYED LIGHTING NOTES:

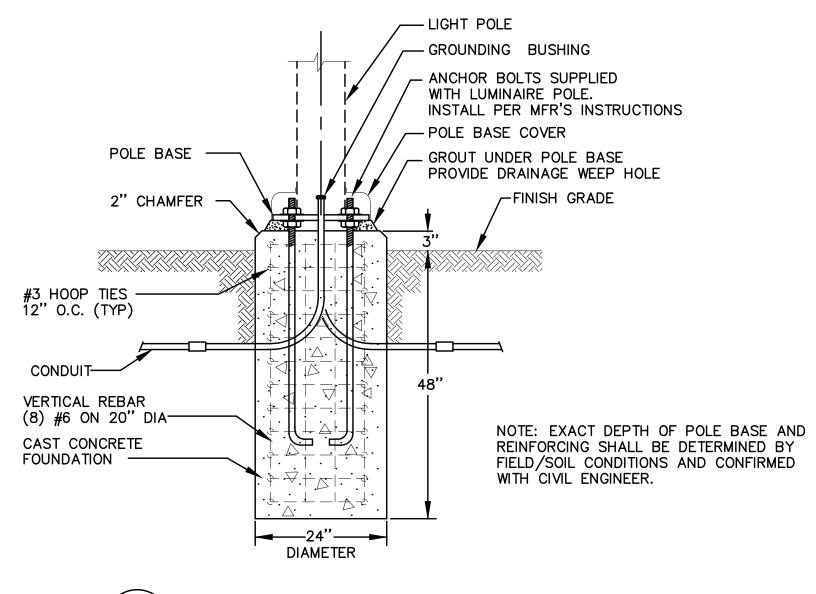
STAIRWELL LIGHT FIXTURES TO BE EQUIPPED WITH FACTORY INSTALLED (OR REMOTE) OCCUPANCY SENSORS FOR MIN. 50% LIGHT REDUCTION DURING PERIODS OF NO ACTIVITY.



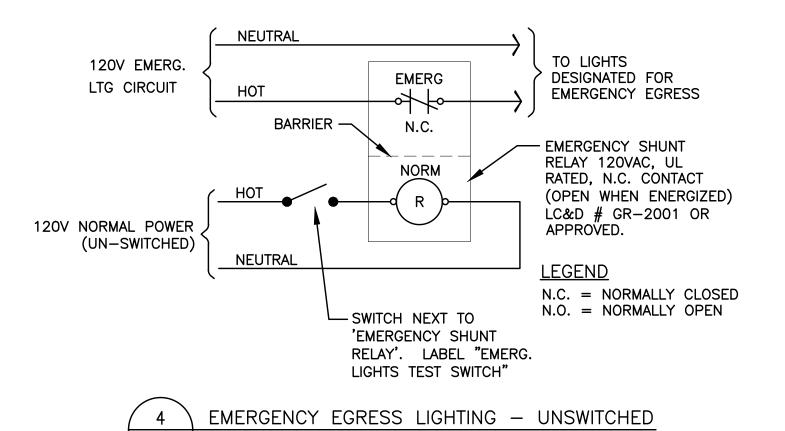


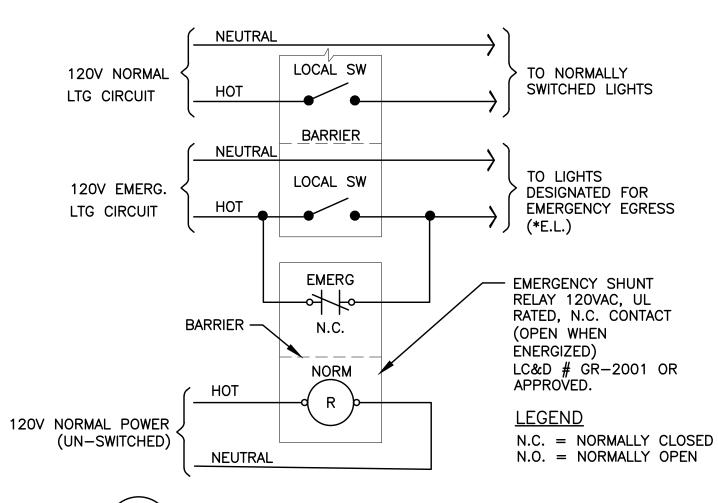


TYPICAL FOR EACH BUILDING







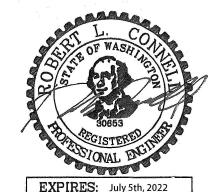


EMERGENCY EGRESS LIGHTING - SWITCHED

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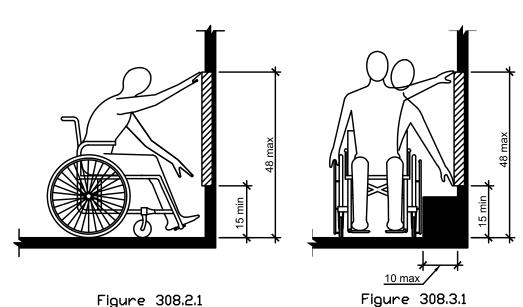
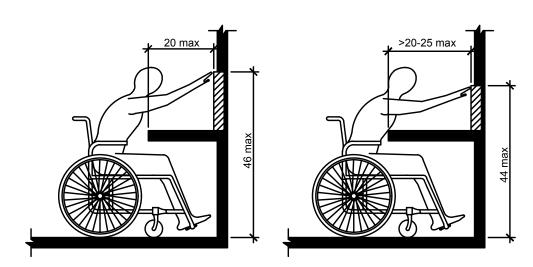


Figure 308.2.1 Unobstructed Side Reach Unobstructed Forward Reach



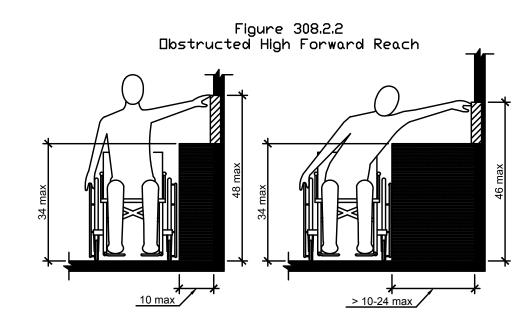


Figure 308.3.2 Obstructed High Side Reach



308.2 Forward Reach.

308.2.1 Unobstructed. Where a forward reach is unobstructed. the high forward reach shall be 48" maximum and the low forward reach shall be 15" minimum above the floor or ground.

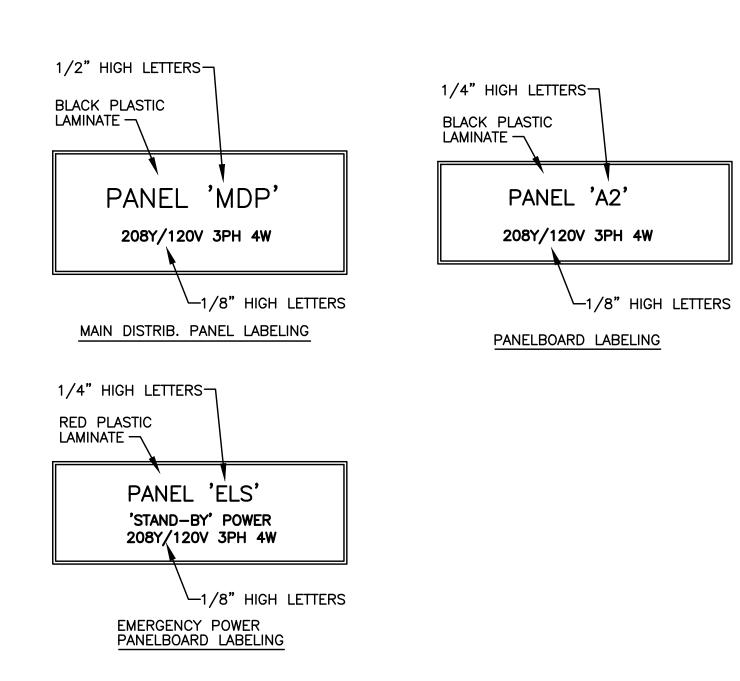
308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor or ground space shall extend beneath the element for a distance not less thank the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum. Where the reach depth exceeds 20", the high forward reach shall be 44" maximum and the reach depth shall be 25" maximum.

308.3 Side Reach.

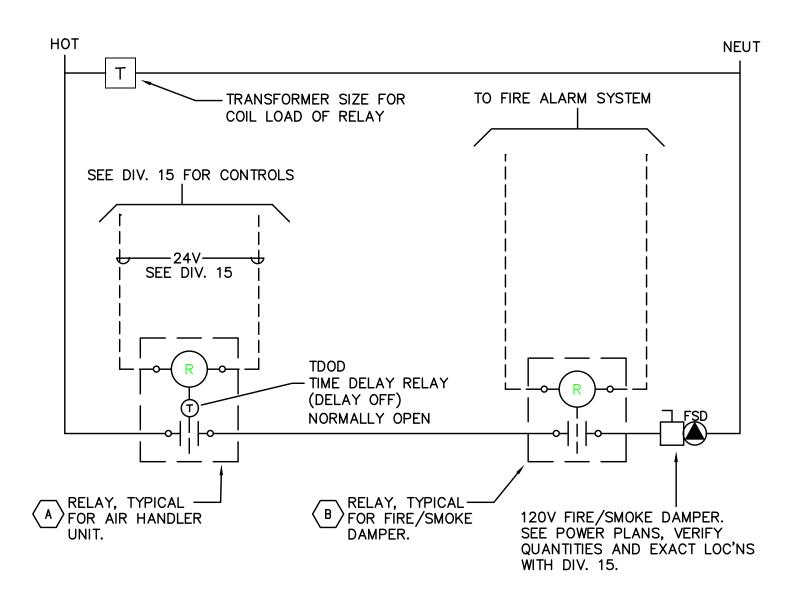
308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the floor or ground.

Exception: Existing elements shall be permitted at 54" maximum above the floor or ground.

308.3.2 Obstructed High Reach. Where a clear floor or ground space allows a parallel approach to an object and the high side reach is over an obstruction, the height of the obstruction shall be 34" maximum and the depth of the obstruction shall 24" maximum. The high side reach shall be 48" maximum for a reach depth of 10" maximum. Where the reach depth exceeds 10", the high side reach shall be 46" maximum for a reach depth of 24" maximum.



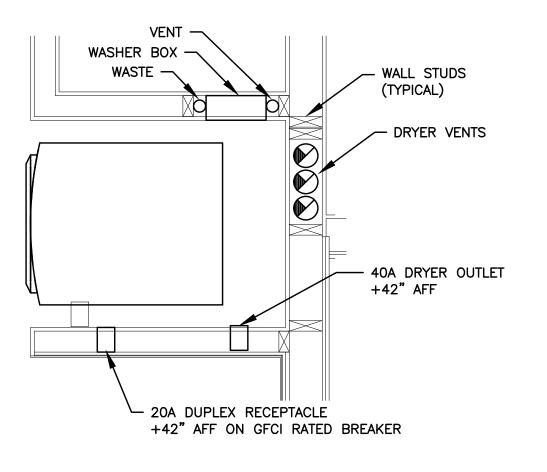
SWITCHBOARD/PANEL LABELING DETAIL NO SCALE NOTE: ALL LETTERS ARE ENGRAVED WHITE



SMOKE/FIRE DAMPER CONTROL DIAGRAM

ADDRESSABLE DETECTOR CONTROL

- RELAY TO BE 'NORMALLY OPEN'. TDOD (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.



NOTES:

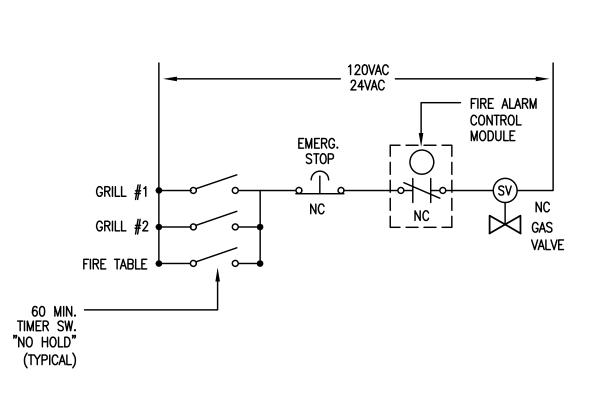
1. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE PLUMBING CONTRACTOR PRIOR TO ROUGH IN, TO ENSURE THAT ELECTRICAL DEVICES ARE NOT INSTALLED WHERE THEY WILL CREATE CONFLICT.

2. PREFERRED INSTALLATION SHALL HAVE THE ELECTRICAL DEVICES ON A WALL OPPOSITE THE WORK OF ANY OTHER TRADE.

3. COORDINATE WITH WATER METER INSTALLER FOR EXACT LOCATION OF DUPLEX RECEPTACLE, WHERE REQUIRED.

4. FIELD COORDINATE WITH ALL TRADES PRIOR TO ROUGH IN.

TYPICAL WASHER/DRYER ALCOVE



GAS APPLIANCE \EMERGENCY SHUT-OFF DIAGRAM E1.22 | SCALE: NONE

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FIRST FLOOR LIGHTING PLAN E2.01 | SCALE: 1/8' = 1'-0"

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- D. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.

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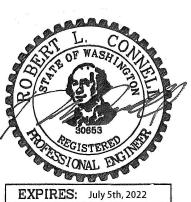
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- G. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.
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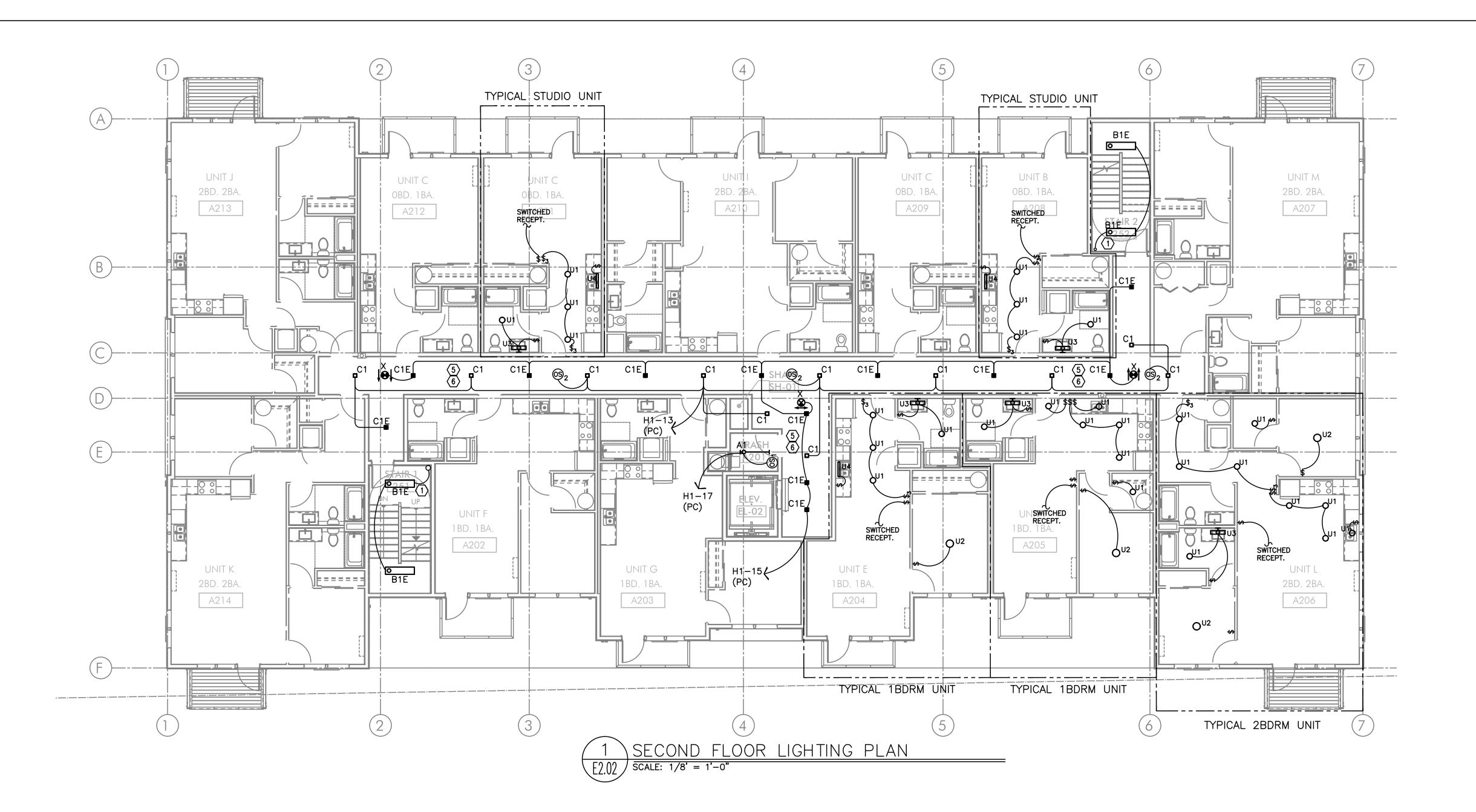
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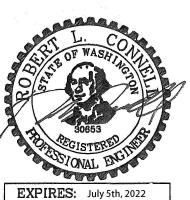
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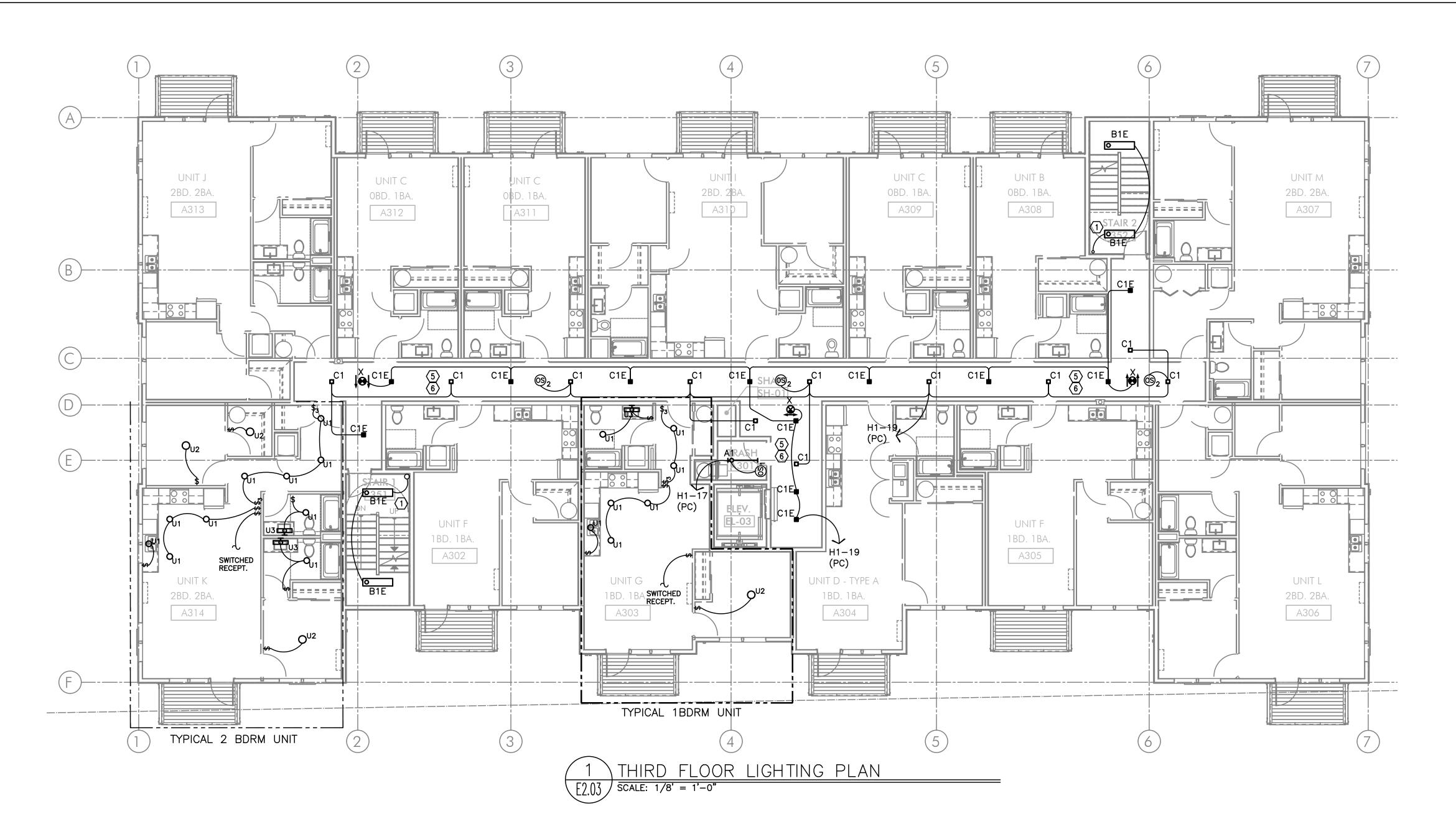
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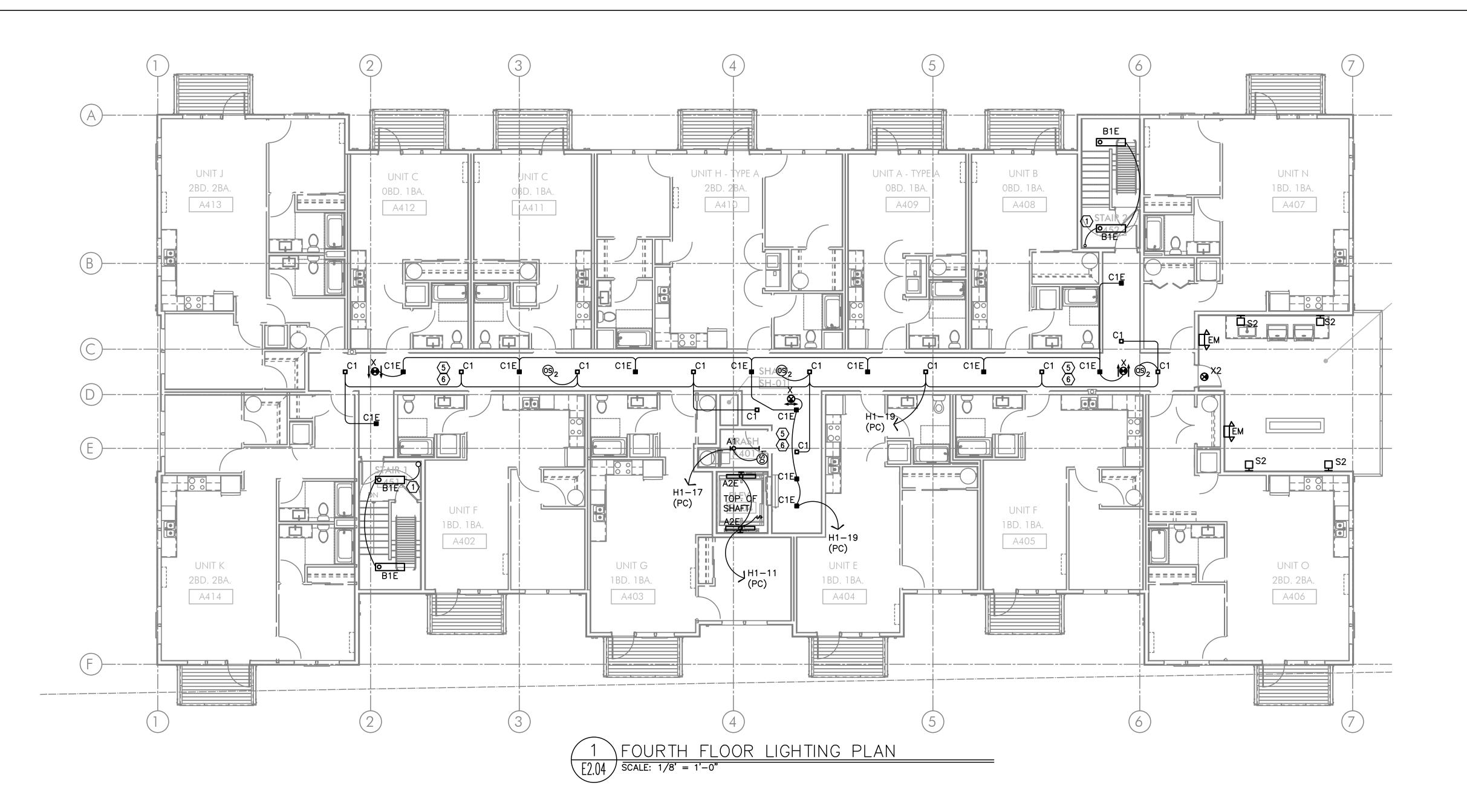
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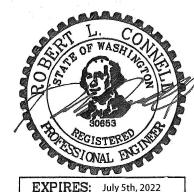
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- 2. LEASE SPACE LIGHTING TO BE CONTROLLED VIA OCCUPANCY SENSOR(S). INTENT IS THAT THE NIGHT LIGHTS (N.L.) ARE TO BE "ON" 24/7 AND ONLY ILLUMINATED AT NIGHT VIA PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. NIGHT LIGHT FIXTURES SHALL ALSO BE EQUIPPED WITH EMERGENCY BATTERY BACKUP IN THE EVENT OF A POWER FAILURE. ALL LIGHT FIXTURES IN THE LEASE SPACE ARE TO BE ON A SINGLE CIRCUIT AND TEMPORARILY FED FROM THE HOUSE PANEL
- 3. TIE INTO TEMPORARY LIGHTING CIRCUIT AND ENSURE BATTERY BACK UP POWER FOR
- 4. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
- 5. CORRIDOR LIGHT FIXTURES IN THIS SPACE CIRCUITED VIA LIGHTING CONTROL PANEL TO DIM LIGHTING BY 50% DURING LOW ACTIVITY PERIODS (EX: 12AM TO 5AM). CEILING MOUNT OCCUPANCY SENSORS SHALL RESTORE LIGHTING TO FULL OUTPUT UPON DETECTION OF OCCUPANCY AND REDUCE NO LESS THAN 15 MINUTES OF VACANCY.
- 6. CORRIDOR LIGHT FIXTURES DESIGNATED AS EGRESS SHALL REMAIN ON 24/7.

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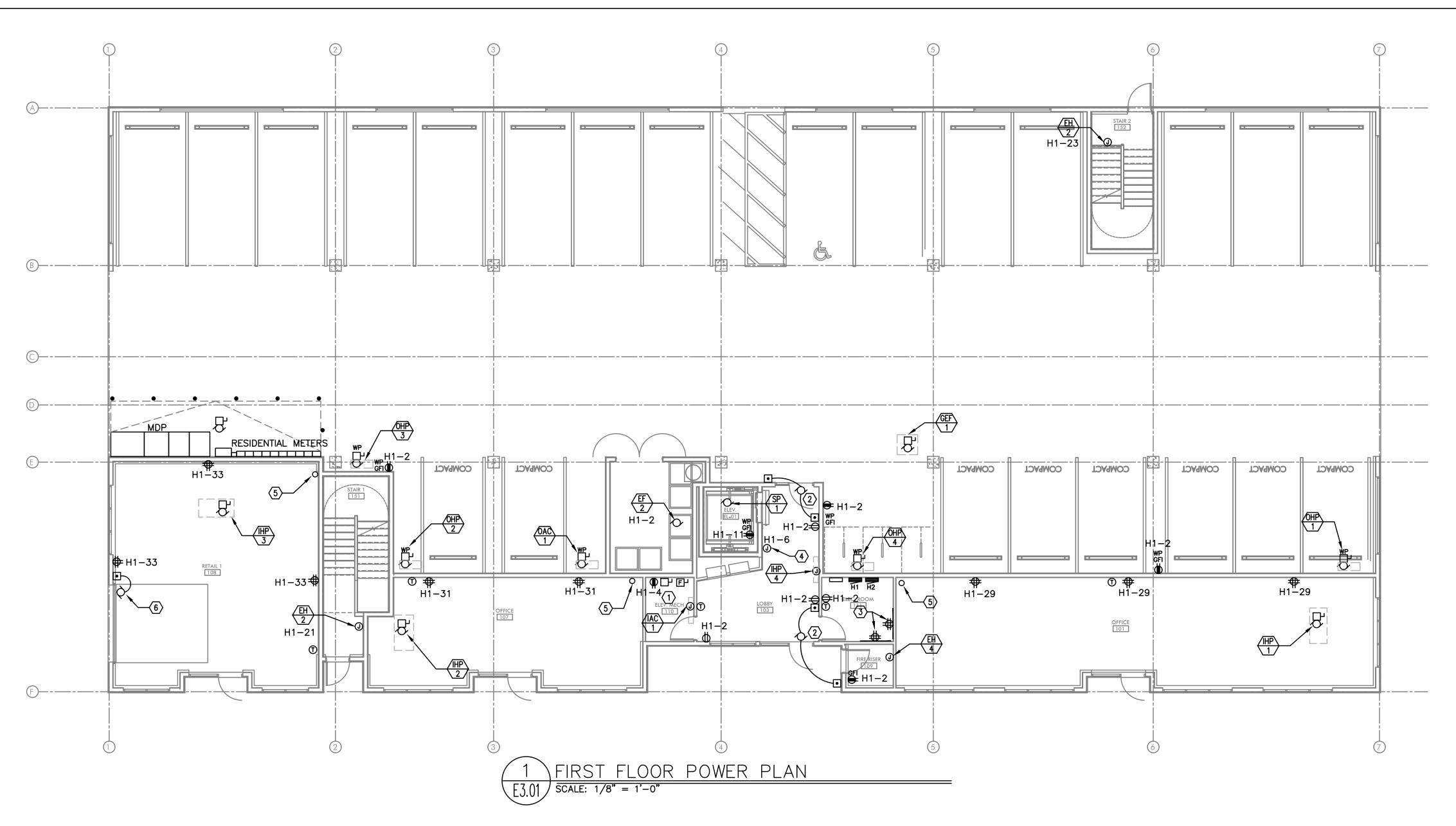
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CONTACT: DENISE TAYLOR



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- 1. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
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- 5. PROVIDE ONE 3" EMPTY CONDUIT W/PULL STRING FROM BUILDING SERVICE ENTRANCE TO EACH RETAIL SPACE, ROUTED OVERHEAD AND STUBBED INTO CEILING SPACE AND CAPPED AT BOTH ENDS FOR FUTURE TENANT'S SERVICE. SUCH SERVICE SHALL BE CONNECTED AS PART OF THE TENANT'S IMPROVEMENTS. CONSULT ARCHITECT AND/OR OWNER TO DETERMINE BEST LOCATION PRIOR TO
- 6. PROVIDE AND INSTALL OVERHEAD DOOR OPENER. FINAL CONNECTION SHALL BE MADE BY TENANT.
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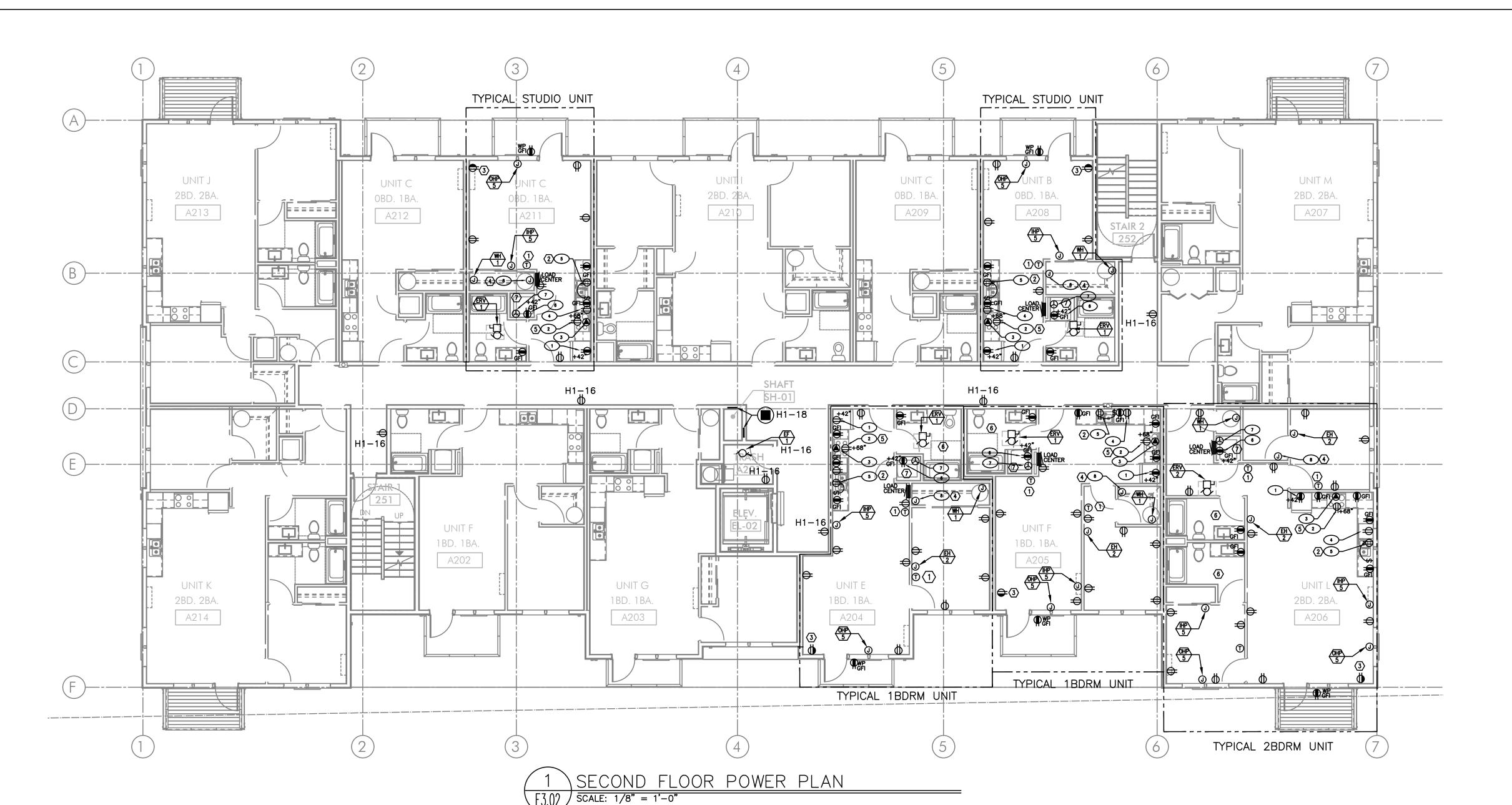
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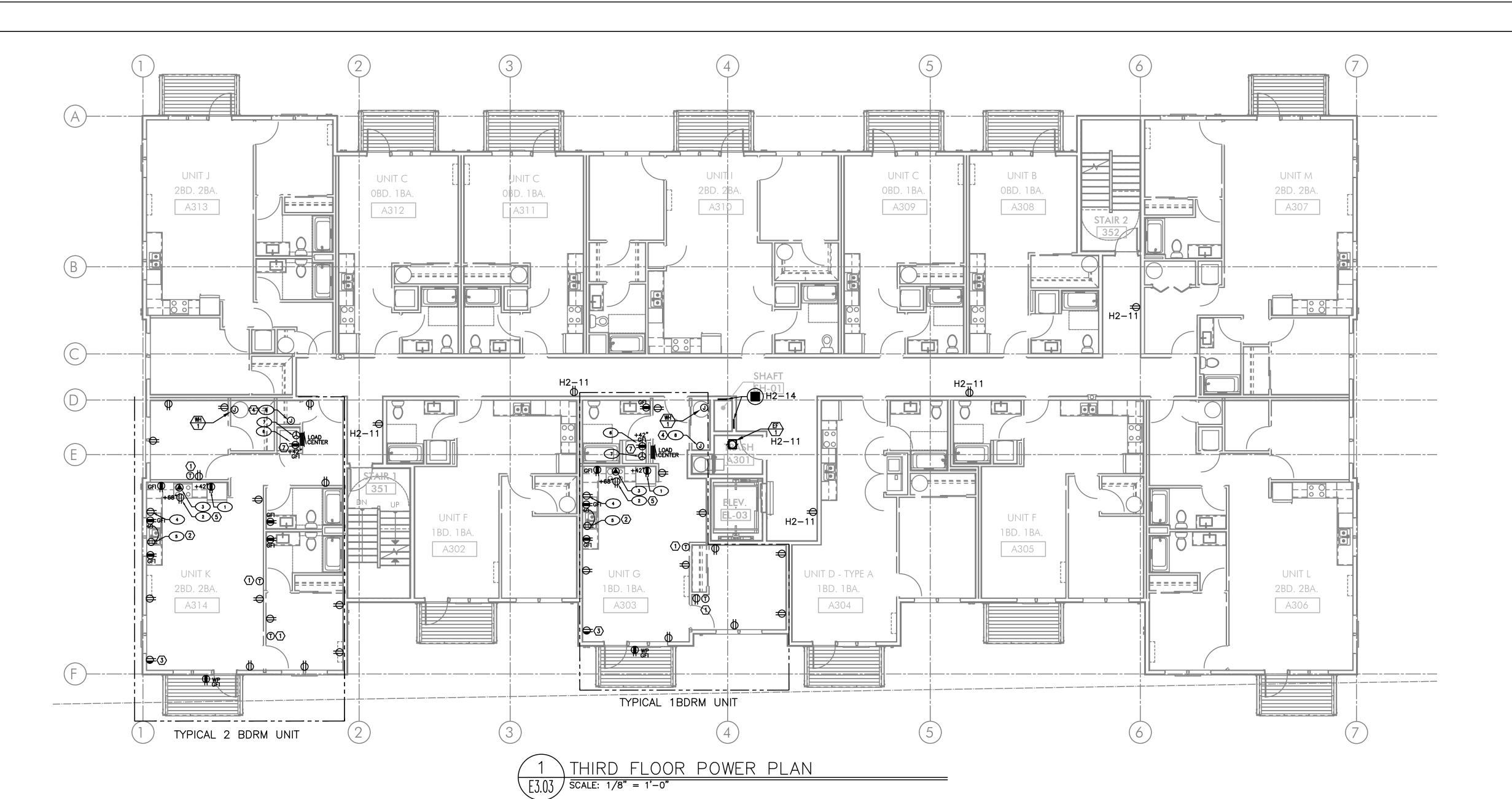
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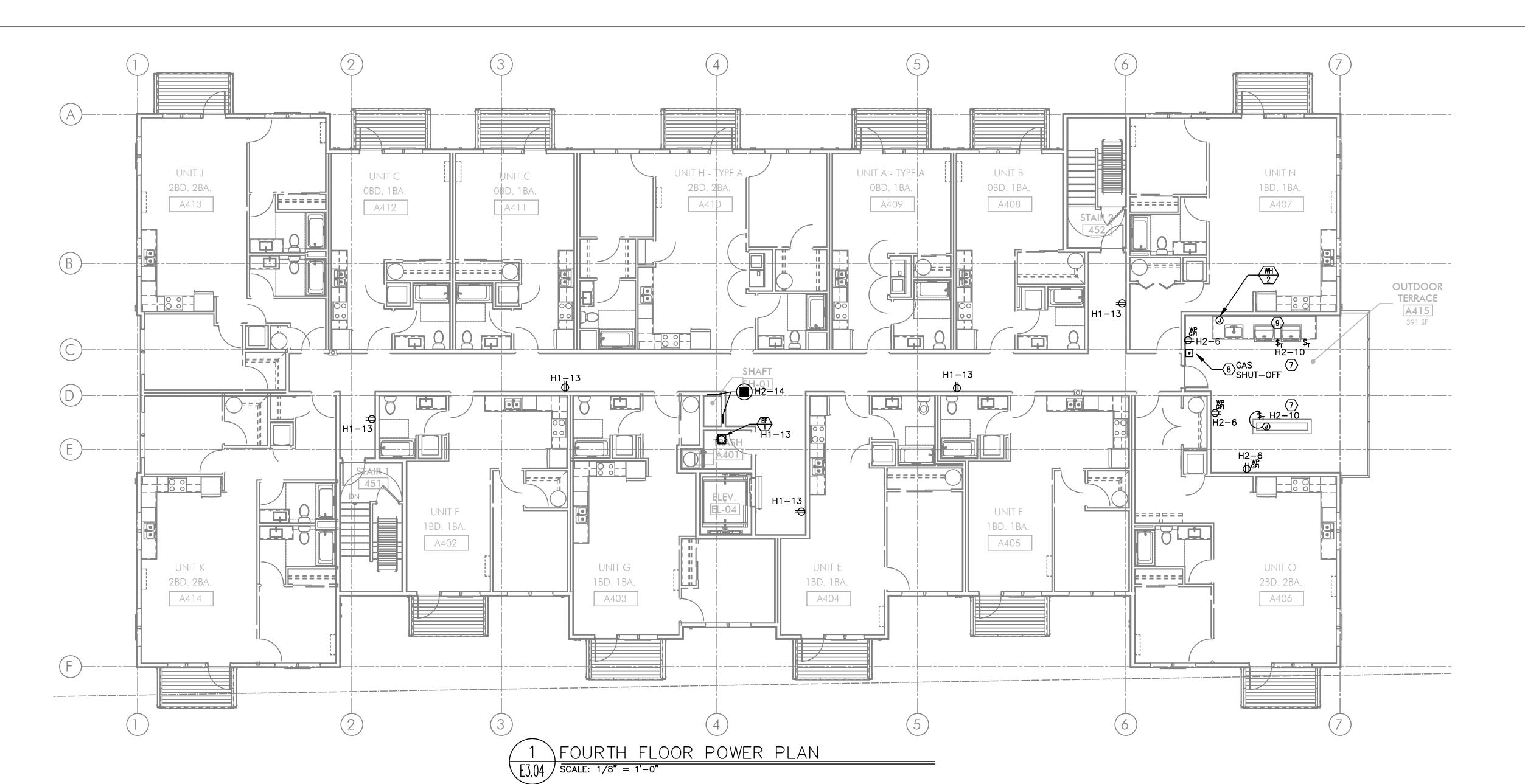
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- 8. PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES LOCATED ON TERRACE. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUT-OFF DIAGRAM. CIRCUIT FROM PANEL H2.
- 9. REFER TO MECHANICAL PLANS FOR GRILL HOOD INFORMATION AND PROVIDE ELECTRICAL CONNECTIONS AS REQUIRED. SEE E3.05 FOR EXHAUST FAN LOCATION.

OKEYED APARTMENT NOTES:

- 1. PROVIDE WIRE CONNECTION FOR THERMOSTAT(S). COORDINATE WITH MECHANICAL INSTALLER FOR EXACT LOCATION AND POWER REQUIREMENTS PRIOR TO ROUGH IN. THERMOSTATS TO BE MOUNTED AT 48" AFF MAX. TO HIGHEST OPERABLE
- 2. PROVIDE ONE 20A, 120V, 1P GFIC DUPLEX RECEPTACLE UNDER KITCHEN SINK FOR DISPOSAL POWER CONNECTION. DISPOSAL TO BE PROVIDED WITH "SAFEAIRE" SINK DISPOSAL AIR SWITCH, MOUNTED PER ARCHITECT'S DIRECTION. VERIFY DEVICE FINISH WITH ARCHITECT PRIOR TO ORDERING.
- 3. PROVIDE ONE 15A SPLIT BUSS SWITCHED RECEPTACLE. REFER TO LIGHTING PLANS FOR SWITCH LOCATION.
- 4. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.
- 5. FOR RANGE HOODS/MICROWAVES PROVIDED WITH A CORD & PLUG SET, PROVIDE A 20A DUPLEX RECEPTACLE LOCATED INSIDE THE OVERHEAD CABINET. HARDWIRED APPLIANCES MAY BE CIRCUITED VIA J-BOX MOUNTED FLUSH OR RECESSED INTO THE WALL DIRECTLY BEHIND THE APPLIANCE.
- 6. REFER TO SHEET E1.21 FOR TYPICAL BATHROOM SWITCHING DIAGRAM.
- 7. REFER TO SHEET E1.22 FOR TYPICAL LAUNDRY ALCOVE DETAIL

O APPLIANCE CIRCUITS

- 1. REFRIGERATOR LC-6 5. DISPOSAL LC-16
- 2. MICRO/HOOD LC-8 6. WASHER LC-13

4. DISHWASHER LC-14

3. RANGE LC-10,12 7. DRYER LC-15,17

8. SMART PNL LC-23

(OPT)

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PROJECT # 2019-149 DATE: 05/20/2022

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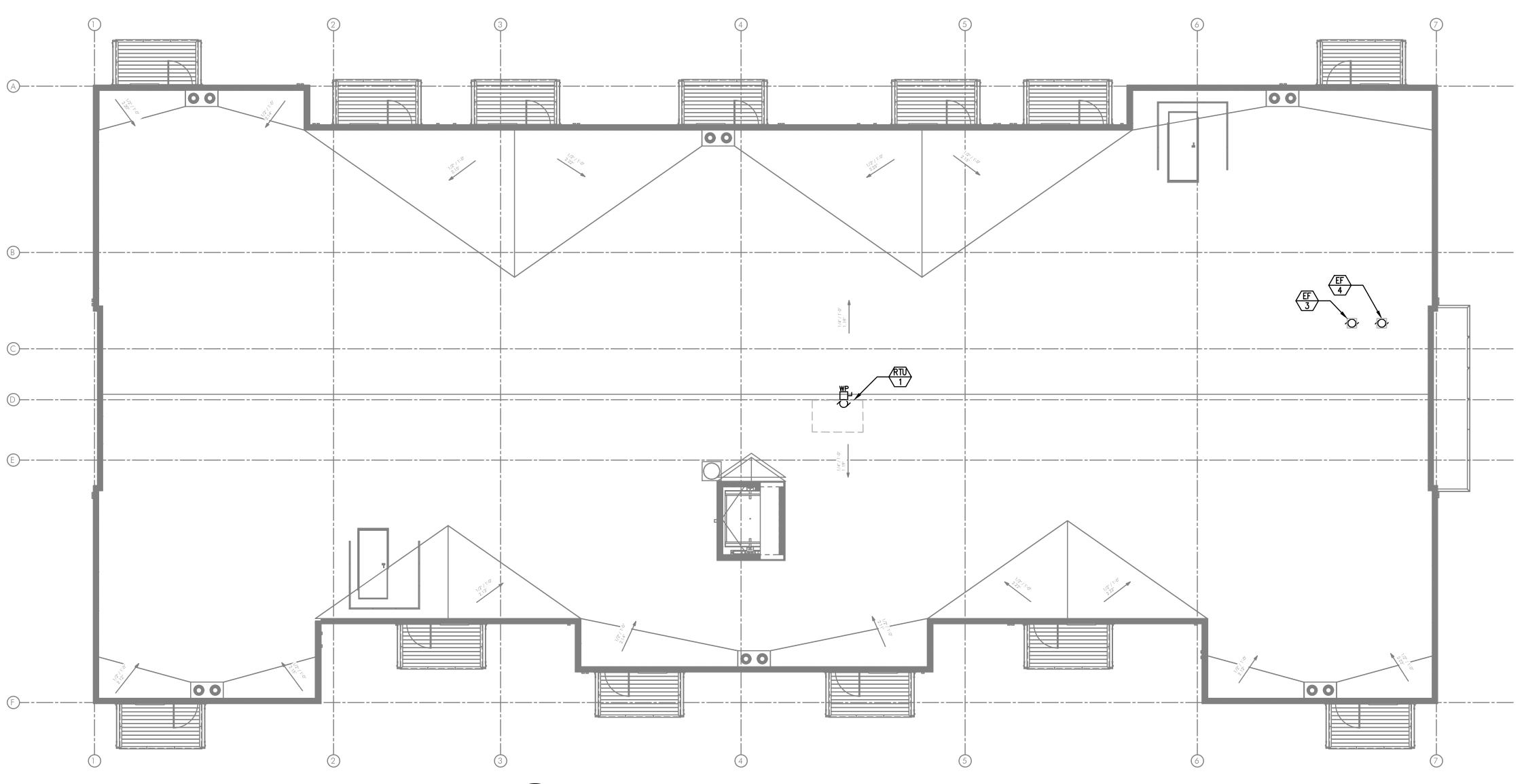
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SHEET:

E3.04



ROOF LEVEL POWER PLAN [3.05] SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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- A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.
- B. <u>ELECTRICAL EQUIPMENT SHOWN ON THE PLANS IS APPROXIMATE, BASED ON</u> STANDARD PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.
- C. GENERAL PURPOSE CONVENIENCE RECEPTACLES LOCATED ON THE BUILDING EXTERIOR, OTHER THAN INTERIOR COURT YARD, SHALL BE EQUIPPED WITH A LOCKING, WEATHER PROOF COVER.
- D. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO VERIFY EXACT LOCATIONS AND FINISHES FOR LIGHT FIXTURES AND DEVICES.
- E. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE CIVIL ENGINEER, TO VERIFY EXACT POWER REQUIREMENTS, LOCATIONS AND CONNECTION TYPE FOR ANY EQUIPMENT REQUIRING ELECTRICAL POWER, PRIOR TO ROUGH IN.
- F. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL AND PLUMBING CONTRACTORS, TO VERIFY EXACT POWER REQUIREMENTS, LOCATIONS AND CONNECTION TYPE FOR ANY EQUIPMENT REQUIRING ELECTRICAL POWER, PRIOR TO ROUGH IN.
- G. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LANDSCAPING CONTRACTOR, TO VERIFY EXACT POWER REQUIREMENTS, LOCATIONS AND CONNECTION TYPE FOR ANY EQUIPMENT REQUIRING ELECTRICAL POWER, PRIOR TO ROUGH IN.
- H. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.
- I. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING THE ELECTRICAL PLANS AND ALL OTHER SUPPORTING DOCUMENTS PRIOR TO THE START OF ANY WORK. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION UPON DISCOVERY.
- J. ALL LIGHTING, DEVICES AND HVAC EQUIPMENT LOCATED IN THE RETAIL TENANT SPACES IS CONSIDERED TEMPORARY AND SHALL BE REMOVED AND/OR DISCONNECTED FROM THE HOUSE POWER AT THE TIME OF THE TENANT'S SPACE IMPROVEMENT WORK.

OKEYED NOTES:

- 1. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
- 2. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1 FOR AUTOMATIC DOOR OPENERS.
- 3. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM AND LOW VOLTAGE SYSTEMS INSTALLER(S). PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS. REFER PANEL 'H1' SCHEDULE ON E1.12 FOR RESERVED CIRCUITS.
- 4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS AS DETERMINED BY OWNER AND/OR ARCHITECT. CONSULT WITH THE SYSTEM INSTALLER FOR ADDITIONAL INFÓRMATION.
- 5. PROVIDE ONE 3" EMPTY CONDUIT W/PULL STRING FROM BUILDING SERVICE ENTRANCE TO EACH RETAIL SPACE, ROUTED OVERHEAD AND STUBBED INTO CEILING SPACE AND CAPPED AT BOTH ENDS FOR FUTURE TENANT'S SERVICE. SUCH SERVICE SHALL BE CONNECTED AS PART OF THE TENANT'S IMPROVEMENTS. CONSULT ARCHITECT AND/OR OWNER TO DETERMINE BEST LOCATION PRIOR TO
- 6. PROVIDE AND INSTALL OVERHEAD DOOR OPENER. FINAL CONNECTION SHALL BE MADE BY TENANT.
- 7. PROVIDE 120V TWIST TIMER SWITCH (MAX. 60 MINUTES, "NO HOLD") IN WEATHER PROOF BOX FOR GAS GRILL AND FIRE PIT IGNITER CONTROLS. CIRCUIT FROM PANEL H2.
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- 8. SMART PNL LC-23 4. DISHWASHER LC-14 (OPT)

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