ELECTRICAL SYMBOL LIST

LIGHTING SYMBOLS

- LIGHT FIXTURE, RECESSED
- LIGHT FIXTURE, RECESSED – EMERGENCY
- 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
- 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
- AREA LUMINAIRE, WALL MOUNT
- AREA LUMINAIRE, POLE MOUNT

SWITCH SYMBOLS

- $ SWITCH, SPST +48" A.F.F.
- $2 SWITCH, DPST +48" A.F.F.
- $3 SWITCH, 3-WAY +48" A.F.F.
- $4 SWITCH, 4-WAY +48" A.F.F.
- $M SWITCH, MOMENTARY +48" A.F.F.
- $D SWITCH, DIMMER +48" A.F.F.
- $P SWITCH, SPST, W/PILOT LIGHT +48" A.F.F.
- $3P SWITCH, 3-WAY, W/PILOT LIGHT +48" A.F.F.
- $K SWITCH, KEY-OPERATED +48" A.F.F.
- $T SWITCH, TIMED +48" A.F.F.
- $ EXISTING SWITCH, SPST
- PC PHOTOCELL CONTROL
- OS OCCUPANCY SENSOR CONTROL

WIRING SYMBOLS

- 2A-9 PANEL & CIRCUIT NUMBER
- #10 HOMERUN TO PANEL
- CONDUCTOR SIZE (IF OTHER THAN #12)
- PHASE CONDUCTOR
- NEUTRAL CONDUCTOR
- GROUND CONDUCTOR
- CONCEALED CONDUIT
- 1-1/4"C CONDUIT SIZE
- CONDUIT (UNDER SLAB OR FLOOR)
- FLEXIBLE CONNECTION
- CONDUIT, STUBBED & CAPPED
- NORMAL POWER CIRCUIT LINETYPE
- EMERGENCY POWER CIRCUIT LINETYPE
- EXISTING POWER CIRCUIT LINETYPE

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.

POWER SYMBOLS

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

ONE-LINE DIAGRAM SYMBOLS

- PANEL 'A' ELECTRICAL DISTRIBUTION PANELBOARD (MLO)
- PANEL 'A' ELECTRICAL DISTRIBUTION PANELBOARD (MCB)
- SUB-FEED CIRCUIT BREAKER
- 200/3 CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)
- 200A 3P, 200A 100I MAIN SWITCH (RATING & POLES AS INDICATED ON PLAN)
- FUSE (RATING & CLASS AS INDICATED ON PLAN)
- NORM, EMERG, 200/3 TRANSFER SWITCH (MANUAL OR AUTOMATIC)
- GEN GENERATOR (RATING AS INDICATED ON PLAN)
- TRANSFORMER (RATING AS INDICATED ON PLAN)
- 200A 100I FUSE (RATING & CLASS AS INDICATED ON PLAN)
- GROUND GROUND SYSTEM (SIZE AS INDICATED ON PLAN)
- WATER PIPE GROUND ELECTRODE
- TRANSIENT VOLTAGE SURGE SUPPRESSOR
- M UTILITY METER & METER BASE
- C.T. UTILITY METER CURRENT TRANSFORMER
- 1 FEEDER NO. (SEE FEEDER SCHEDULE)
- 480/120V POTENTIAL TRANSFORMER (RATING AS INDICATED ON PLANS)

ABBREVIATIONS

'A'	LIGHT FIXTURE TYPE (SEE FIXTURE LIST)
A.F.F.	ABOVE FINISHED FLOOR
A.F.G.	ABOVE FINAL GRADE
A.F.I.	ARC FAULT INTERRUPTER
A.T.S.	TRANSFER SWITCH, AUTOMATIC
C	CONDUIT
C.O.	CONDUIT ONLY
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
C.T.	CURRENT TRANSFORMER
(E)	EXISTING
E.L.	EMERGENCY LIGHT
E.L.C.	EXTERIOR LIGHTING CONTROL
FACP	FIRE ALARM CONTROL PANEL
G.F.I.	GROUND FAULT INTERRUPTER
GND	GROUND
H.I.D.	HIGH INTENSITY DISCHARGE
HP	HORSEPOWER
I.G.	ISOLATED GROUND
I R	INFRARED
JB	JUNCTION BOX
LCP	LIGHTING CONTROL PANEL
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
M.T.S.	TRANSFER SWITCH, MANUAL
(N)	NEW
N.I.C.	NOT IN CONTRACT
N.L.	NIGHT LIGHT
OL	OVERLOAD
O.L.C.	OFFICE LIGHTING CONTROL
P	POLE
P.A.	PUBLIC ADDRESS
PC	PARTIAL CIRCUIT
PH	PHASE
PRI	PRIMARY
R.T.U.	REMOTE TELEMETRY UNIT
SEC	SECONDARY
SCCR	SHORT CIRCUIT CURRENT RATING
T.V.S.S.	TRANSIENT VOLTAGE SURGE SUPPRESSOR
U.G.	UNDERGROUND
U.O.N.	UNLESS OTHERWISE NOTED
VFD	VARIABLE FREQUENCY DRIVE
W	WIRE
W.G.	WIRE GUARD
W.P.	WEATHERPROOF
W.T.	WATERTIGHT
X.P.	EXPLOSION PROOF

NOTATIONS

- 1 DRAWING NOTE
- 2 / E3 DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.
- EF-2 MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
- A EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
- AA EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
- AAA EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
- 'A' 2-32 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 HEIGHTS OF DEVICES AND FIXTURES.

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.

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

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 & NATIONAL CODES.

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 CONTROL.

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 DIAGRAMS.

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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ELECTRICAL LEGEND & SCHEDULES - LAND USE ISSUE

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E1.00

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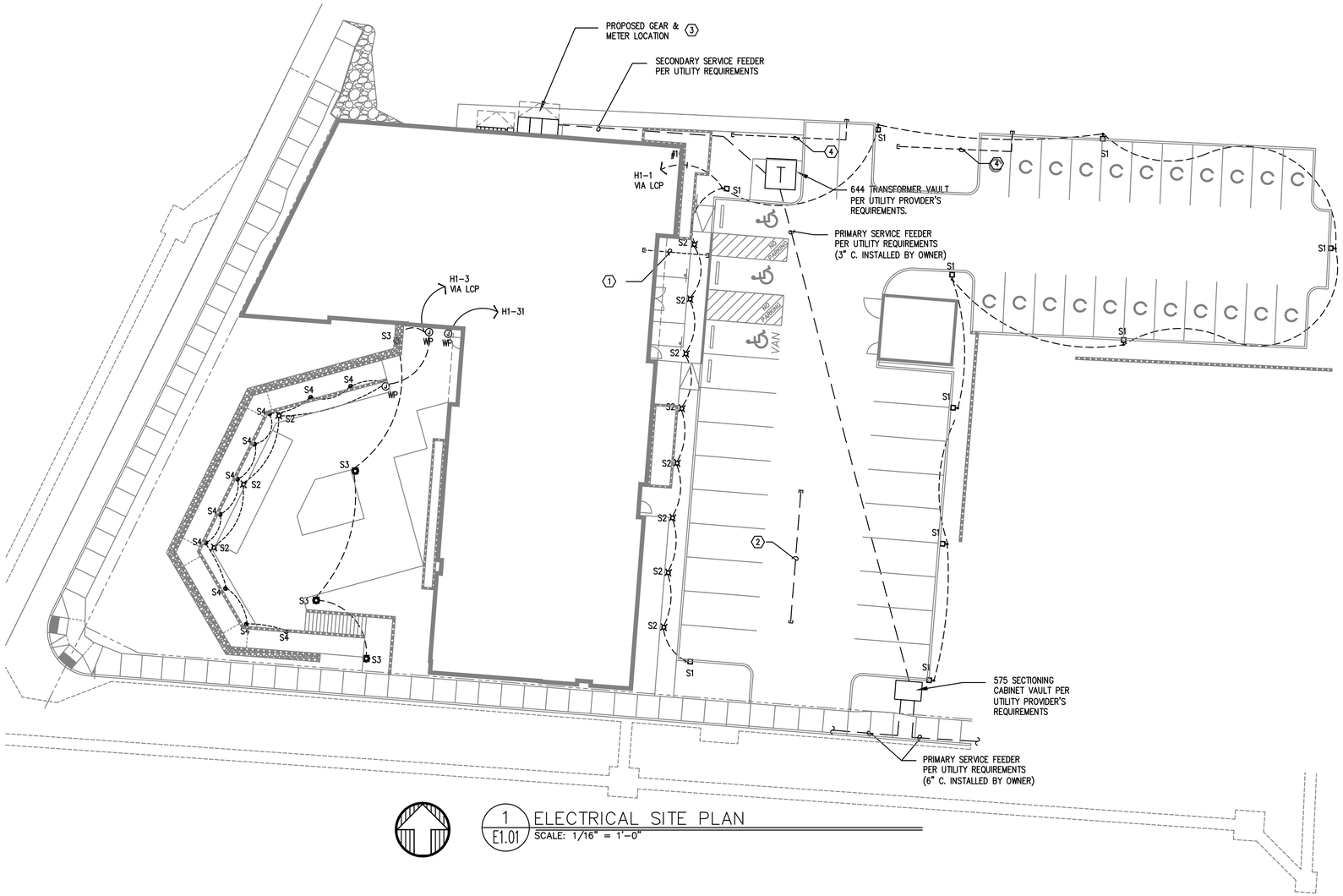

1 / E1.01 ELECTRICAL SITE PLAN
SCALE: 1/16" = 1'-0"

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 CONDITIONS.

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 THE UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS (ESR). CONTRACTOR SHALL REVIEW THE UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS PRIOR TO THE START OF ANY WORK.

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.

I. SECONDARY CONDUIT SWEEPS SHALL BE MINIMUM 60 INCH RADIUS WITH A MINIMUM OF 7'-0" STRAIGHT CONDUIT RUN BETWEEN SWEEPS.

J. LOCATION AND INSTALLATION OF THE PRIMARY AND SECONDARY CONDUITS, TRANSFORMER, ETC. SHALL BE PROVIDED PER UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS.

K. CONTRACTOR SHALL REVIEW ALL PROJECT DOCUMENTS AND SPECIFICATIONS IN DETAIL AND REFER TO THE DOCUMENTS THROUGHOUT THE CONSTRUCTION.

L. ALL SITE WORK SHALL BE COORDINATED WITH CIVIL (& ALL OTHER TRADES) TO AVOID CONFLICTS. ANY POTENTIAL CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IMMEDIATELY UPON DISCOVERY.

⬡ KEYED NOTES:

1. ROUTE (1) 3/4" PVC CONDUIT W/PULL STRING FROM THE HOUSE BRANCH PANEL TO PARKING LOT LOCATION FOR FUTURE SINGLE PORT EV CHARGING STATION. STUB-UP FLUSH WITH FINISHED GRADE AND CAP AT BOTH ENDS. RESERVE (1) 40A, 208V, 1P CIRCUIT IN PANEL 'H1' FOR FUTURE ELECTRICAL CONNECTION.
2. ROUTE (1) 3/4" PVC CONDUIT W/PULL STRING FROM THE HOUSE BRANCH PANEL TO WATER VAULT LOCATION FOR GFCI WEATHER PROOF RECEPTACLE.
3. PER UTILITY PROVIDER REQUIREMENTS, PROVIDE A MINIMUM OF 4FT FLAT & LEVEL WORKING CLEARANCE SURFACE, MEASURED FROM THE FRONT OF THE SERVICE ENTRANCE EQUIPMENT.
4. PROVIDE ONE EMPTY 1-1/2" SCHEDULE 40 PVC CONDUIT WITH PULL STRING, ROUTED UNDERGROUND FROM THE ELECTRICAL ROOM (PANEL H1) TO EACH FUTURE DUAL PORT EV CHARGING STATION LOCATION AS SHOWN. CAP CONDUIT AT BOTH ENDS.

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). THE UTILITY PROVIDER SHALL 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. SECONDARY SERVICE FEEDER RUNS SHALL BE LIMITED TO 270 DEGREES OF BENDS.

4. 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.

5. CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING.

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ELECTRICAL SITE PLAN - LAND USE ISSUE

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
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07/08/2022
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20559
PROJECT NUMBER

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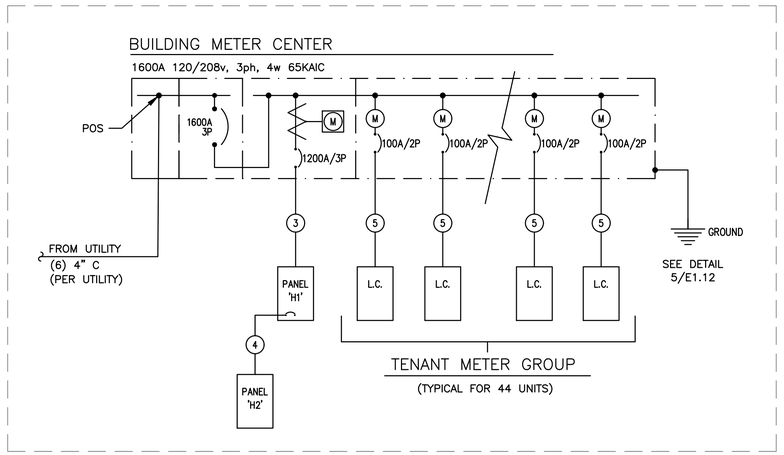
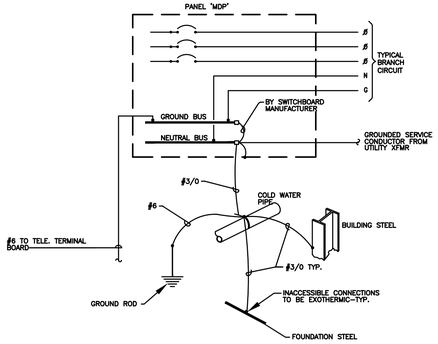


1 E1.11 ELECTRIC ONE-LINE DIAGRAM
208Y/120V, 3P, 4W



2 E1.11 GROUNDING/BONDING DIAGRAM
208Y/120V, 3ø, 4 WIRE

FEEDER SCHEDULE (COPPER)					
NO.	AMPS	CONDUIT	CONDUCTOR		
1	1600A	*(5) 4"	PER UTILITY CO.	& (1)	GND
2	1600A	**(4) 4"	ea w/ (4) #600Kcmil	& (1) #3/0	GND
3	1200A	**(3) 4"	(4) 600 KCMIL	& (1) #3/0	GND
4	250A	2 1/2"	(4) #250Kcmil	& (1) #4	GND
5	100A	1 1/2"	(3) #1	& (1) #8	GND

* VERIFY QUANTITY
** PARALLEL FEEDER

ONE-LINE GENERAL NOTES:

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.

Wecoma Apartments
Main Distribution Panel (MDP) 7/6/2022

LOAD:	LIGHTS	RECEPT	HEAT	KITCHEN	EQUIP	MOTORS	MISC	LARGEST MOTOR
House Panels H1/H2 6602sf @ 15w/sf	23,125	18,520	20,000		148,450	46,800		0
Residential Unit Loads							260,000	
SUBTOTAL	23,125	18,520	20,000	0	148,450	46,800	260,000	0
X-FACTOR	1.25	1 + .5	1	0.65	1	1	1	0.25
CODE LOAD:	28,906	14,260	20,000	0	148,450	46,800	260,000	0

CONN LOAD:	517	KVA

VOLTS:	208	3ph
TOTAL CALC:	518	KVA
CALC AMPS:	1439	AMPS

MECHANICAL EQUIPMENT SCHEDULE

NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
EF-1	EXHAUST FAN NO.1	11.7W	120	1		1/2"	#12	#12	SEE UNIT PLANS
EF-2	EXHAUST FAN NO.2	11.7W	120	1		1/2"	#12	#12	SEE POWER PLANS
EF-3	EXHAUST FAN NO.3	11.7W	120	1		1/2"	#12	#12	SEE POWER PLANS
EF-4	EXHAUST FAN NO 4	11.7W	120	1		1/2"	#12	#12	SEE POWER PLANS
EH-1	ELECTRIC WALL HEATER NO.1	1.5 KW	208	1		1/2"	#12	#12	SEE UNIT & E3 PLANS
EH-2	ELECTRIC WALL HEATER NO.2	1.0 KW	120	1		1/2"	#12	#12	SEE UNIT & E3 PLANS
EH-3	ELECTRIC WALL HEATER NO.3	1.5 KW	208	1		1/2"	#12	#12	SEE POWER PLANS
EH-4	ELECTRIC WALL HEATER NO.4	500W	120	1		1/2"	#12	#12	H1-32
ERV-1	ERV FAN NO.1	103W	120	1		1/2"	#12	#12	SEE UNIT PLANS
ERV-2	ERV FAN NO.2	103W	120	1		1/2"	#12	#12	SEE UNIT PLANS
ERV-3	ERV FAN NO.3	103W	120	1		1/2"	#12	#12	SEE UNIT PLANS
ERV-4	ERV FAN NO.4	103W	120	1		1/2"	#12	#12	SEE E3 SERIES SHEETS
BP-1	BOOSTER PUMP NO.1	(2) 3HP	208	3	11.0A EA.	3/4"	#6	#10	H1-53,55,57
RP-1	RECIRC. PUMP NO.1	1/2HP	120	1		1/2"	#12	#12	H1-22
SP-1	SUMP PUMP NO.1	1/2HP	120	1		1/2"	#12	#12	H1-34
WH-1	WATER HEATER NO.1 (GAS)		120	1		1/2"	#12	#12	H1-20 (PC)
WH-2	WATER HEATER NO.2 (GAS)		120	1		1/2"	#12	#12	H1-20 (PC)
WH-3	WATER HEATER NO.3 (GAS)		120	1		1/2"	#12	#12	H1-20 (PC)

MFIA PANEL SCHEDULE — 06-Jul-22

panel	mounting	location	connected load amps
H1	SURFACE	1st Floor	457
voltage	phase	bus & main	calculated load amps
208Y/120V	3	1200A MLO (SCCR: 42K)	711

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - PARKING LOT	1500	20/1	1	*	2	20/1	1080	RECEPTACLES - 1ST FLR	2
1	LIGHTS - COURTYARD	1500	20/1	3	*	4	20/1	1080	RECEPTACLES - 1ST FLR,ERV-2	2
1	LIGHTS - BUILDING EXTERIOR	1500	20/1	5	*	6	20/1	1080	RECEPTACLES - 1ST FLR	2
1	LIGHTS - STAIR #1 (EGRESS)	1500	20/1	7	*	8	20/1	1080	RECEPTACLES - COMMUNITY RM	2
1	LIGHTS - STAIR #2 (EGRESS)	1500	20/1	9	*	10	20/1	1080	RECEPTACLES - COMMUNITY RM	2
1	LIGHTS-FLR 1 LOBBY,COMM. RM	1500	20/1	11	*	12	20/1	1080	RECEPTACLES - COMMUNITY RM	2
1	LIGHTS - FLR 1 OFFICES, BOH	1500	20/1	13	*	14	20/1	1080	RECEPTACLES - 1ST FLR	2
1	LIGHTS - FLR 1 & 2 CORRIDORS	1500	20/1	15	*	16	20/1	1080	RECEPTACLES - 1ST FLR	2
1	LIGHTS - FLR 1 & 2 EGRESS	1500	20/1	17	*	18	20/1	1080	RECEPTACLES - 2ND FLR	2
3	EH-3 (LOBBY)	750	20/2	19	*	20	20/1	1500	WH-1, 2, & 3	3
3	*	750	*	21	*	22	20/1	1176	RP-1	6
5	FACP	500	20/1	23	*	24	20/2	750	EH-3 (STAIR #1)	3
5	COMMUNICATIONS BOARD	500	20/1	25	*	26	*	750	*	3
5	PHONE BOARD	500	20/1	27	*	28	20/1	1000	EH-2 (OFFICE #1)	3
5	LIGHTING CONTROL SYSTEM	1500	20/1	29	*	30	20/1	1000	EH-2 (OFFICE #2)	3
5	IRRIGATION	1500	20/1	31	*	32	20/1	500	EH-4 (RISER RM)	3
5	WATER VAULT	1500	20/1	33	*	34	20/1	1176	SP-1 (ELEVATOR PIT)	6
5	DAS	1500	20/1	35	*	36	20/1	500	ELEV PIT LTS & RECEP	1
3	EH-1 (MAINT. RM)	750	20/2	37	*	38	250/3	17630	PANEL H2	7
3	*	750	*	39	*	40	*	16620	*	7
6	AUTO DOORS	1000	20/1	41	*	42	*	13955	*	7
5	WASHER (ADA)	1500	20/1	43	*	44	40/2	4150	DRYER (ADA)	5
5	WASHER	1500	20/1	45	*	46	*	4150	*	5
5	WASHER	1500	20/1	47	*	48	40/2	4150	DRYER	5
5	WASHER	1500	20/1	49	*	50	*	4150	*	5
5	WASHER	1500	20/1	51	*	52	40/2	4150	DRYER	5
6	BP-1	2640	50/3	53	*	54	*	4150	*	5
6	*	2640	*	55	*	56	40/2	4150	DRYER	5
6	*	2640	*	57	*	58	*	4150	*	5
3	EH-3 (ELEV. LOBBY)	750	20/2	59	*	60	40/2	4150	DRYER	5
3	*	750	*	61	*	62	*	4150	*	5
2	RECEPT-DED 50A (MAINT. RM)	5500	50/2	63	*	64	20/2	750	EH-1 (COMMUNITY RM)	3
2	*	5500	*	65	*	66	*	750	*	3
5	EV CHARGER (FUTURE)	5000	60/2	67	*	68	20/2	750	EH-1 (COMMUNITY RM)	3
5	*	5000	*	69	*	70	*	750	*	3
5	EV CHARGER (FUTURE)	5000	60/2	71	*	72	20/1	1500	RECEPT - MAIL ROOM	5
5	*	5000	*	73	*	74	20/2	750	EH-1 (LAUNDRY RM)	3
5	EV CHARGER (FUTURE)	5000	60/2	75	*	76	*	750	*	3
5	*	5000	*	77	*	78	---		BLANK	
5	PV SOLAR (FUTURE)	19650	200/3	79	*	80	---		BLANK	
5	*	19650	*	81	*	82	---		BLANK	
5	*	19650	*	83	*	84	---		BLANK	

		NOTES:	line-line voltage
Phase A	54140 VA		
Phase B	55490 VA		208
Phase C	54740 VA		largest motor (va)
Total Connected	164370 VA		8000

load code:	ph. A	ph. B	ph. C		total	factor	calculated load (va)
1. LIGHTS=	4500	4500	5000	VA	14000	1.25	17500
2. RECEPT.=	3240	8740	8740	VA	20720	1 + 0.5	15360
3. HEATING=	6500	4750	3250	VA	14500	1.00	14500
4. KITCHEN=	0	0	0	VA	0	1.00	0
5. EQUIP.=	51250	47100	48600	VA	146950	1.00	146950
6. MOTORS=	2640	4992	3640	VA	11272	*	13272
7. MISC=	17620	16620	13955	VA	48195	1.00	48195
(* 125% of the largest motor + 100% of the balance)					TOTAL		255777

MFIA PANEL SCHEDULE

panel	mounting	location	connected load amps
H2	FLUSH	MAINTENANCE	134
voltage	phase	bus & main	calculated load amps
120/208V (SCCR 42KAIC)	3	250A MLO	137

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - FLR 3 & 4 CORRIDORS	1500	20/1	1	*	2	20/1	1080	RECEPTACLES - 3RD FLR	2
1	LIGHTS - FLR 3 & 4 EGRESS	1500	20/1	3	*	4	20/1	1080	RECEPTACLES - 4TH FLR	2
2	ELEVATOR SHAFT LTS & RECEPT	500	20/1	5	*	6	20/1	500	RECEPT - ELEV. EQ. RM	2
3	EH-2 (4TH FLR)	1000	20/1	7	*	8	20/1	1500	ELEVATOR CAB LIGHTS	1
	SPARE	0	20/1	9	*	10	20/1	1500	ELEVATOR CONTROL MODULE	5
6	ERV-4 (FLRS 2,3,4,5)	415	20/1	11	*	12	20/2	750	EH-3 (FLR 2)	3
6	P/P/CHP-1		20/2	13	*	14	*	750	*	3
6	*		*	15	*	16	20/2	750	EH-3 (FLR 3)	3
	SPARE	0	20/1	17	*	18	*	750	*	3
6	RADON FANS (FUTURE)	0	20/1	19	*	20	20/2	750	EH-3 (FLR 4)	3
	SPARE	0	20/1	21	*	22	*	750	*	3
	SPARE	0	20/1	23	*	24	150/3	11040	ELEVATOR	6
	SPARE	0	20/1	25	*	26	*	11040	*	6
	SPARE	0	20/1	27	*	28	*	11040	*	6
	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	

		NOTES:	line-line voltage
Phase A	17620 VA		
Phase B	19620 VA		208
Phase C	13955 VA		largest motor (va)
Total Connected	48195 VA		0

load code	ph. A	ph. B	ph. C		total	factor	calculated load (va)
1. LIGHTS=	3000	1500	0	VA	4500	1.25	5625
2. RECEPT.=	1080	1080	1000	VA	3160	1 + 0.5	3160
3. HEATING=	2500	1500	1500	VA	5500	1.00	5500
4. KITCHEN=	0	0	0	VA	0	1.00	0
5. EQUIP.=	0	1500	0	VA	1500	1.00	1500
6. MOTORS=	11040	11040	11455	VA	33535	*	33535
7. MISC=	0	0	0	VA	0	1.00	0
(* 125% of the largest motor + 100% of the balance)					TOTAL =		49320

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REGISTERED PROFESSIONAL ENGINEER 16,597 OREGON JULY 20, 1995 ROBERT L. CONNELL
EXPIRES 12-31-2023

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WECOMA PLACE
LINCOLN CITY, OREGON

ELECTRICAL ONE-LINE DIAGRAM

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E1.11

Wecoma Apartments
RESIDENTIAL LOAD SUMMARY

UNIT TYPE:	QTY PER FLOOR				TOTAL	AREA (SF)	LTG/RECEPT (3VA / SF)	SM APPL (1500VA X 2)	LAUNDRY (1500VA)	COOKING (CONNECTED)	MICROWAVE (CONNECTED)	DISHWASHER (CONNECTED)	ELECT DRYER (CONNECTED)	WATER HEATER (CONNECTED)	DISPOSAL (CONNECTED)	MOTORS (CONNECTED)	LARGEST OF: AC/HEATING (CONNECTED)
	Lvl 1	Lvl 2	Lvl 3	Lvl 4													
1 Bedroom (typical)	4	9	12	8	33	530	1590	3000	0	11000	1500	900	0	0	500	0	3000
2 Bedroom (typical)	3	3	3	2	11	775	2325	3000	0	11000	1500	900	0	0	500	0	4000
TOTALS:	7	12	15	10	44	26015	78045	132000	0	484000	66000	39600	0	0	22000	0	143000

VOLTS: 208 3ph
TOTAL CONNECTED: 965 KVA
DEMAND FACTOR: 0.27 Based on Total Number of Residential Units = 43 to 45 (See N.E.C. Article: 220.84)
TOTAL CALCULATED: 260 KVA
CALCULATED AMPS: 723 AMPS

NOTE:

DWELLING UNIT LOAD CALCULATION

Project: WECOMA APARTMENTS

Unit Type 1-Bedroom

Area: 530 **square feet (average)**

Minimum Size Feeder (NEC 220.40):		
General lighting load at 3 VA / SF	1,590	VA
Small Appliance load (2 ckts at 1500VA each)	3,000	VA
Laundry Load (1 ckt at 1500VA)	0	VA
Electric Range	11,000	VA
Other Cooking Appliance Load (Microwave Oven)	1,500	VA
Dishwasher Load	900	VA
Electric Dryer Load	0	VA
Electric Water Heater Load	0	VA
Disposal load	500	VA
Other motor loads	50	VA
Total "General Loads"	18,540	VA
First 10 kVA of "general loads" at 100%	10,000	VA
Remainder of "general loads" at 40%	3,416	VA
Net "general load"	13,416	VA
Largest of: 3,000 VA of electric space heating (less than 4) at 65%	1,950	VA
-or- VA of electric space heating (4 or more) at 40%	0	VA
-or- VA of air conditioning/cooling/heat pumps at 100%	0	VA
TOTAL LOAD	15,366	VA

For 120/208-volt, 3-wire, single-phase service or feeder,
15,366 VA / 208 volts = 74 Amps

Therefore, this dwelling unit shall be permitted to be served by a 100 amp service.

DWELLING UNIT LOAD CALCULATION

Project: WECOMA APARTMENTS

Unit Type 2-Bedroom

Area: 775 **square feet (average)**

Minimum Size Feeder (NEC 220.40):		
General lighting load at 3 VA / SF	2,325	VA
Small Appliance load (2 ckts at 1500VA each)	3,000	VA
Laundry Load (1 ckt at 1500VA)	0	VA
Electric Range	11,000	VA
Other Cooking Appliance Load (Microwave Oven)	1,500	VA
Dishwasher Load	900	VA
Electric Dryer Load	0	VA
Electric Water Heater Load	0	VA
Disposal load	500	VA
Other motor loads	50	VA
Total "General Loads"	19,275	VA
First 10 kVA of "general loads" at 100%	10,000	VA
Remainder of "general loads" at 40%	3,710	VA
Net "general load"	13,710	VA
Largest of: VA of electric space heating (less than 4) at 65%	0	VA
-or- 4,000 VA of electric space heating (4 or more) at 40%	1,600	VA
-or- VA of air conditioning/cooling/heat pumps at 100%	0	VA
TOTAL LOAD	15,310	VA

For 120/208-volt, 3-wire, single-phase service or feeder,
15,310 VA / 208 volts = 74 Amps

Therefore, this dwelling unit shall be permitted to be served by a 100 amp service.

MFIA CIRCUIT DIRECTORY 06-Jul-22

Loadcenter Name / Load Center (LC)	Mounting: RECESSED	Location: Typical Dwelling Unit
voltage: 208/120	phase: 1	bus & main: 100A MLO (SCCR: 10K)

service	a/p	no.	L1	L2	no.	a/p	service
LIGHTS	lights	1	*		2	20/1	APPLIANCE CIRCUIT
LTS & RECEPT - BATHROOM	20/1(A)	3		*	4	20/1	APPLIANCE CIRCUIT
LTS & RECEPT - BEDRM #1	20/1(A)	5	*		6	20/1	FRIG.
LTS & RECEPT - BEDRM #2 (OPT)	20/1(A)	7		*	8	20/1	DISHWASHER
RECEPTACLES	20/1(A)	9	*		10	20/1	DISPOSAL
RECEPTACLES (OPT)	20/1(A)	11		*	12	20/1	HOOD/MICRO
HEAT (BRM 1)	20/2	13	*		14	50/2	RANGE
*	*	15		*	16	*	*
HEAT (BRM 2 - OPT)	20/2	17	*		18	20/2	HEAT
*	*	19		*	20	*	*
ERV-1	20/1	21	*		22	---	BLANK
BLANK	---	23		*	24	---	BLANK

NOTES:

1. (A) DENOTES: ARC-FAULT INTERRUPTER CIRCUIT BREAKER

2. LOADS FOR THIS PANEL ARE INDICATED ON THE "DWELLING UNIT LOAD CALCULATION".

3. BREAKER & WIRE SHALL BE SIZED FOR EQUIPMENT INSTALLED.

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WECOMA PLACE
LINCOLN CITY, OREGON

ELECTRICAL PANEL SCHEDULES & LOAD SUMMARIES

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT DRAWN BY
RLC CHECK BY
PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E1.12

If this drawing is not 24" x 36", it has been reduced/enlarged. Scale accordingly.

LIGHTING FIXTURE LIST

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' EXCEPT WITH EMERGENCY BATTERY BACK-UP EQUIP. RMS, TRASH RM
A2	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. ELEVATOR PIT & TOP OF SHAFT
B1 (2)	LED 3000K 2152LM/80CRI 18.7W	LITHONIA (OR APROVED OTHER)	WL4 20LP835 SERIES	TYPE :4' WRAP AROUND MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	PROVIDE WITH INTEGRAL OCCUPANCY SENSOR, DIM50 STANDBY MODE STAIRWELLS
B2	LED 3000K 2300LM/80CRI 20W	NEO-RAY LIGHTING (OR APROVED OTHER)	S124DP SERIES	TYPE :4' LINEAR DIRECT MOUNTING :SUSPENDED (+7FT AFF) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	VERIFY MOUNTING HEIGHT PRIOR TO PURCHASE OFFICES, LAUNDRY
C1 C1E	LED 3000K 1275LM 12W	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 BALLAST :LED DRIVER (DIMMING)	C1E TO BE PROVIDED W/ EMERGENCY BATTERY BACK-UP TRIM FINISH PER ARCHITECT IC RATED LOBBIES, CORRIDORS, COMMUNITY RM
C2	LED 900LM/80CRI 3000K 10W	USAI LIGHTING (OR APPROVED OTHER)	B4RA SERIES	TYPE :4" DIA. ADJ. WALL WASHER MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	TRIM PER ARCHITECT IC RATED 40 DEGREE BEAM/FIELD AIMED LOBBY, COMMUNITY RM
C3 C3E	LED 3000K 2300LM/80CRI 20W	NEO-RAY LIGHTING (OR APROVED OTHER)	S124DR SERIES	TYPE :4' LINEAR DIRECT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	C3E PROVIDED W/ EMERGENCY BATTERY BACK-UP TRIM PER ARCHITECT IC RATED LOBBY, CORRIDORS
C4	LED 650LM 3000K 10W	LIGHTOLIER (OR APPROVED OTHER)	S5R SERIES	TYPE :5" DIA. CEILING LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT RESTROOM
C5	LED 1300LM 3000K 16W	DESTINATION LIGHTING (OR APPROVED OTHER)	646438 SERIES	TYPE :24" VANITY LIGHT MOUNTING :SURFACE (+6" ABOVE MIRROR) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT RESTROOM
X1	LED (GREEN LETTERS) (1.5W)	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	

LIGHTING FIXTURE LIST - TYPICAL LIVING UNITS

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
U1	LED 650 LM 3000K 10W	LIGHTOLIER (OR APPROVED OTHER)	S5R SERIES	TYPE :5" DIA. DOWNLIGHT MOUNTING :SURFACE (J-BOX) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	--- FINISH UNIT KITCHEN, HALL
U2	LED 750 LUMEN 3000K (18W)	KUZCO LIGHTING (OR APPROVED OTHER)	FM3511 SERIES	TYPE :11" DIA. CEILING LIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :GLASS VOLTAGE :120V BALLAST :LED DRIVER	--- FINISH UNIT DINING
U3	LED 2400LM 3000K 29W	KUZCO LIGHTING (OR APPROVED OTHER)	VL61224 SERIES	TYPE :24" VANITY LIGHT MOUNTING :SURFACE (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER	--- FINISH UNIT BATHROOM
U4	LED 3000K 200LM 5W	WAC LIGHTING (OR APROVED OTHER)	HR-LED90 SERIES	TYPE :UNDER CABINET LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :24V BALLAST :LED DRIVER (ELV DIMMING)	--- FINISH UNIT KITCHEN

LIGHTING FIXTURE LIST - EXTERIOR & SITE

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
S1	LED 3000K 4398LM (49W)	LITHONIA LIGHTING (OR APPROVED EQUAL)	DSXO-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
S2	LED 3000K 1535LM (19W)	LITHONIA LIGHTING (OR APPROVED EQUAL)	RADB SERIES	TYPE :BOLLARD LIGHT MOUNTING :SURFACE HOUSING :CAST ALUMINUM LENS/REFL :TYPE V DISTRIBUTION VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT. PROVIDE WITH PHOTOCELL & MEANS TO REDUCE LIGHT LEVELS DURING PERIODS OF INACTIVITY. PARKING AREA, COURTYARD
S3	LED 3000K 6000LM (54W)	LITHONIA LIGHTING (OR APPROVED EQUAL)	RADPT25 SERIES	TYPE :POST TOP LIGHT MOUNTING :15' POLE HOUSING :CAST ALUMINUM LENS/REFL :TYPE V DISTRIBUTION VOLTAGE :MVOLT BALLAST :LED DRIVER	FINISH PER ARCHITECT. PROVIDE WITH PHOTOCELL & MEANS TO REDUCE LIGHT LEVELS DURING PERIODS OF INACTIVITY. COURTYARD
S4	MR16 (20W)	HINKLY LIGHTING (OR APPROVED EQUAL)	16707MZ SERIES	TYPE :WELL LIGHT MOUNTING :RECESSED (IN GRADE-TIGHT TO WALL) HOUSING :BRASS LENS/REFL : VOLTAGE :MVOLT BALLAST :	PROVIDE WITH REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. COURTYARD
S5 S5E	LED 1500LM 3000K (11W)	LITHONIA LIGHTING (OR APPROVED EQUAL)	WPX1-P1 SERIES	TYPE :WALL PACK MOUNTING :WALL (+8'-0" AFF) HOUSING :ALUMINUM LENS/REFL :TEMP. GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE S5E TO HAVE EMERGENCY BATTERY BACK UP. BUILDING EXTERIOR
S6 S6E	LED 1000LM 3000K (13W)	LIGHTOLIER (OR APPROVED EQUAL)	P3RL10 SERIES	TYPE :4" DOWNLIGHT MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE S6E TO HAVE EMERGENCY BATTERY BACK UP. UL LISTED WET LOCATION BUILDING EXTERIOR
S7 S7E	LED 1500LM 3000K (22W)	ALCON LIGHTING (OR APPROVED EQUAL)	11226-4-1D SERIES	TYPE :EXTERIOR SCONCE (DOWN ONLY) MOUNTING :RECESSED HOUSING :CAST ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE S7E TO HAVE EMERGENCY BATTERY BACK UP. FINISH PER ARCHITECT. UL LISTED WET LOCATION. BUILDING EXTERIOR

GENERAL LIGHTING 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.

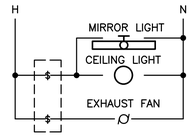
H. ALL PRODUCT SUBSTITUTIONS AND VALUE ENGINEERING SHALL BE SUBMITTED DURING BID PHASE, SHALL MEET DESIGN INTENT AND IS SUBJECT TO OWNER APPROVAL.

I. 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. THE ELECTRICAL CONTRACTOR SHALL CONSULT THE INTERIOR DESIGN PLAN SET FOR ALL FINISHES, MOUNTING HEIGHTS AND OTHER INSTALLATION REQUIREMENTS REGARDING THE "LF" LIGHT FIXTURES LISTED IN THE FIXTURE SCHEDULE ON THIS SHEET.

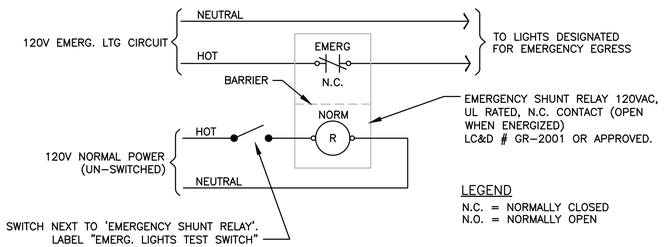
K. IF NECESSARY, CONTRACTOR SHALL PROVIDE IC RATED BOXES FOR ANY APPROVED, SUBSTITUTED FIXTURES NOT MEETING INSULATED CEILING REQUIREMENTS.

L. 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 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.



BATHROOM SWITCHING WITH EXHAUST FAN

1 / E1.22 BATHROOM SWITCHING DIAGRAMS - TYPICAL
NO SCALE



2 / E1.22 EMERGENCY EGRESS LIGHTING - UNSWITCHED
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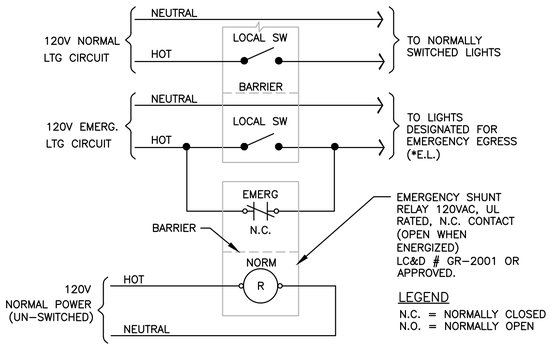

3 / E1.22 EMERGENCY EGRESS LIGHTING - SWITCHED
NO SCALE

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LUMINAIRE SCHEDULE & NOTES

TITLE

#	DATE	DESCRIPTION

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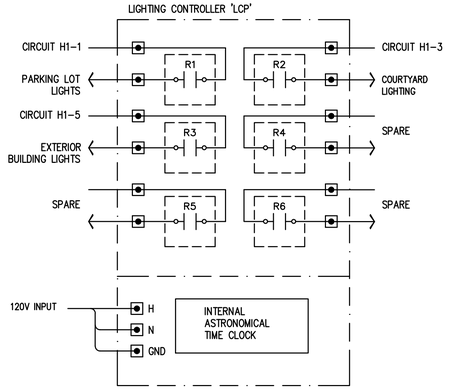


4 / E1.22 EXTERIOR LIGHTING CONTROL SYSTEM DIAGRAM – LCP
NO SCALE

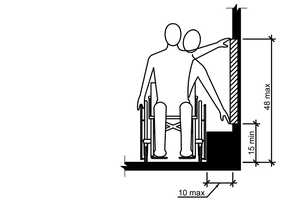


Figure 308.3.1
Unobstructed Side Reach

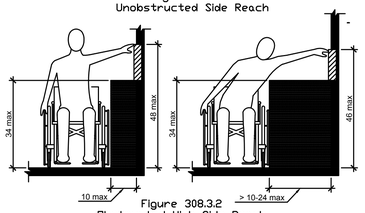


Figure 308.3.2
Obstructed High Side Reach

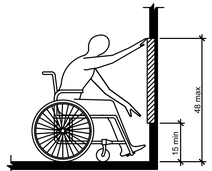


Figure 308.2.1
Unobstructed Forward Reach

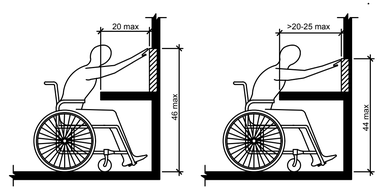


Figure 308.2.2
Obstructed High Forward Reach

2 / E1.12 ADA REACH REQUIREMENTS
N.T.S.

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.

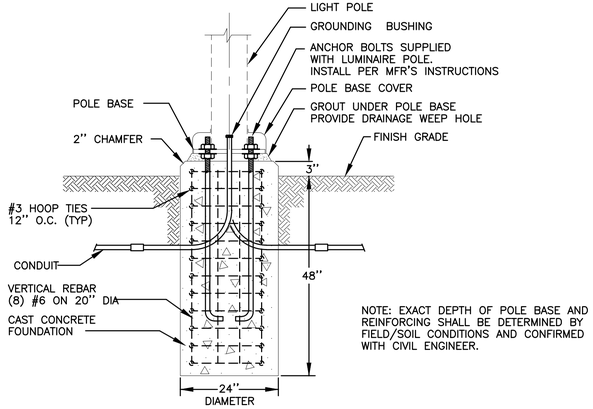
308.2.2 Obstructed High Reach. Where a high forward reach is over an obstruction, the clear floor or ground space shall extend beneath the element for a distance not less thank the required reach depth over the obstruction. The high forward reach shall be 48" maximum where the reach depth is 20" maximum.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

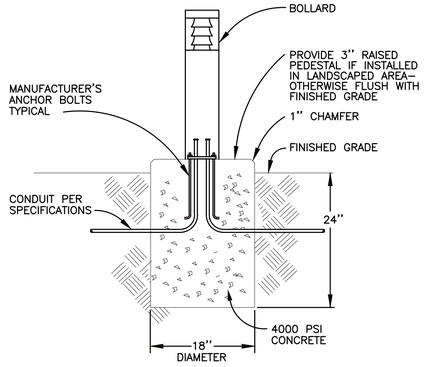
308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the side reach is unobstructed, the high side reach shall be 48" maximum and the low side reach shall be 15" minimum above the floor or ground.

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.



1 / E1.00 POLE BASE MOUNTING DETAIL
NO SCALE



2 / E1.00 BOLLARD LIGHT MOUNTING DETAIL
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LIGHTING DETAILS & DIAGRAMS

TITLE

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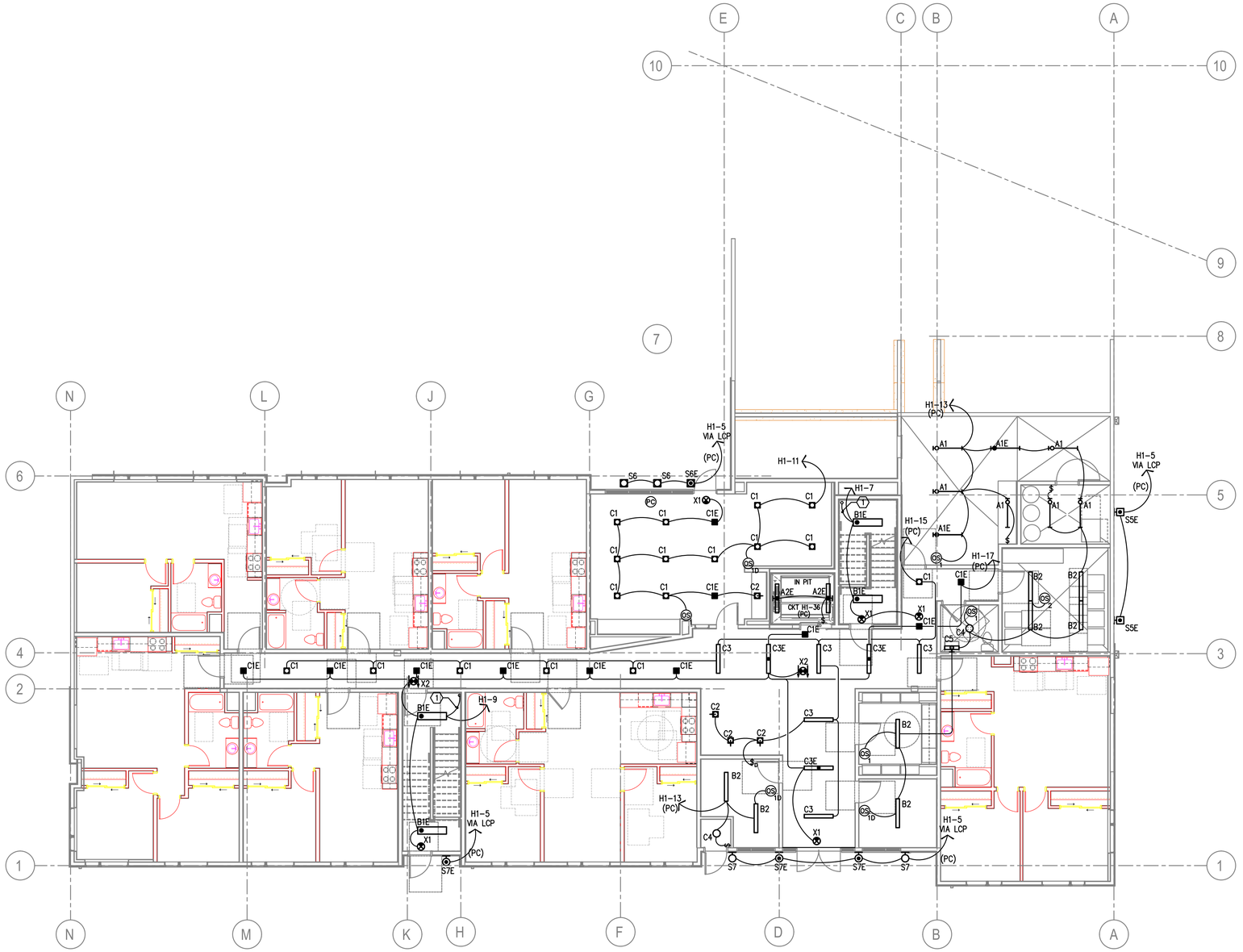

1 E2.01 FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULES AND DETAILS.

C. THE ELECTRICAL CONTRACTOR SHALL CONSULT THE ARCHITECT AND/OR INTERIOR DESIGNER DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES AND DEVICES PRIOR TO THE START OF ANY ROUGH IN WORK.

D. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.

E. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.

F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER 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 OCCUPANCY SENSORS AND/OR TIME CLOCKS TO REDUCE LIGHT LEVELS BY 50% DURING PERIODS OF LOW ACTIVITY.

I. CORRIDOR LIGHT FIXTURES DESIGNATED AS EGRESS LIGHTING, SHALL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION, IN THE EVENT OF POWER LOSS.

J. ALL EGRESS FIXTURES (OTHER THAN CORRIDOR) SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION. REFER TO SWITCHING DETAILS ON SHEET E1.21.

K. STAIRWELL LIGHT FIXTURES ARE TO BE CONSTANT "ON" AND EQUIPPED WITH OCCUPANCY SENSORS (REMOTE OR INTEGRAL) TO REDUCE LIGHT OUTPUT BY 50% DURING PERIODS OF NO ACTIVITY; RETURNING TO FULL OUTPUT UPON DETECTION OF OCCUPANTS. THESE LIGHTS SHALL REMAIN AT FULL OUTPUT FOR A MINIMUM OF 20 MINUTES OF VACANCY. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.21.

LIGHTING CONTROL INTENT

LOBBY: CEILING LIGHTS CONSTANT 'ON'
WALL WASHERS DIMMING SWITCH (IN OFFICE)

CORRIDORS: FIXTURES DESIGNATED AS EGRESS TO BE CONSTANT 'ON'. ALL OTHER LIGHTS TO BE CONTROLLED VIA SENSOR OR TIME CLOCK TO DIM LIGHT LEVELS BY 50% DURING PERIODS OF INACTIVITY.

COMMUNITY ROOM: FIXTURES IN THE MULTI-PURPOSE AREA CONTROLLED VIA OCCUPANCY SENSOR SWITCH. FIXTURES IN THE TV/SEATING AREA CONTROLLED VIA WALL MOUNTED OCCUPANCY SENSOR SWITCH W/ DIMMING. EGRESS LIGHTS TO FAIL SAFE 'ON' REGARDLESS OF THE SWITCH POSITION.

KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.

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FIRST FLOOR LIGHTING PLAN

TITLE

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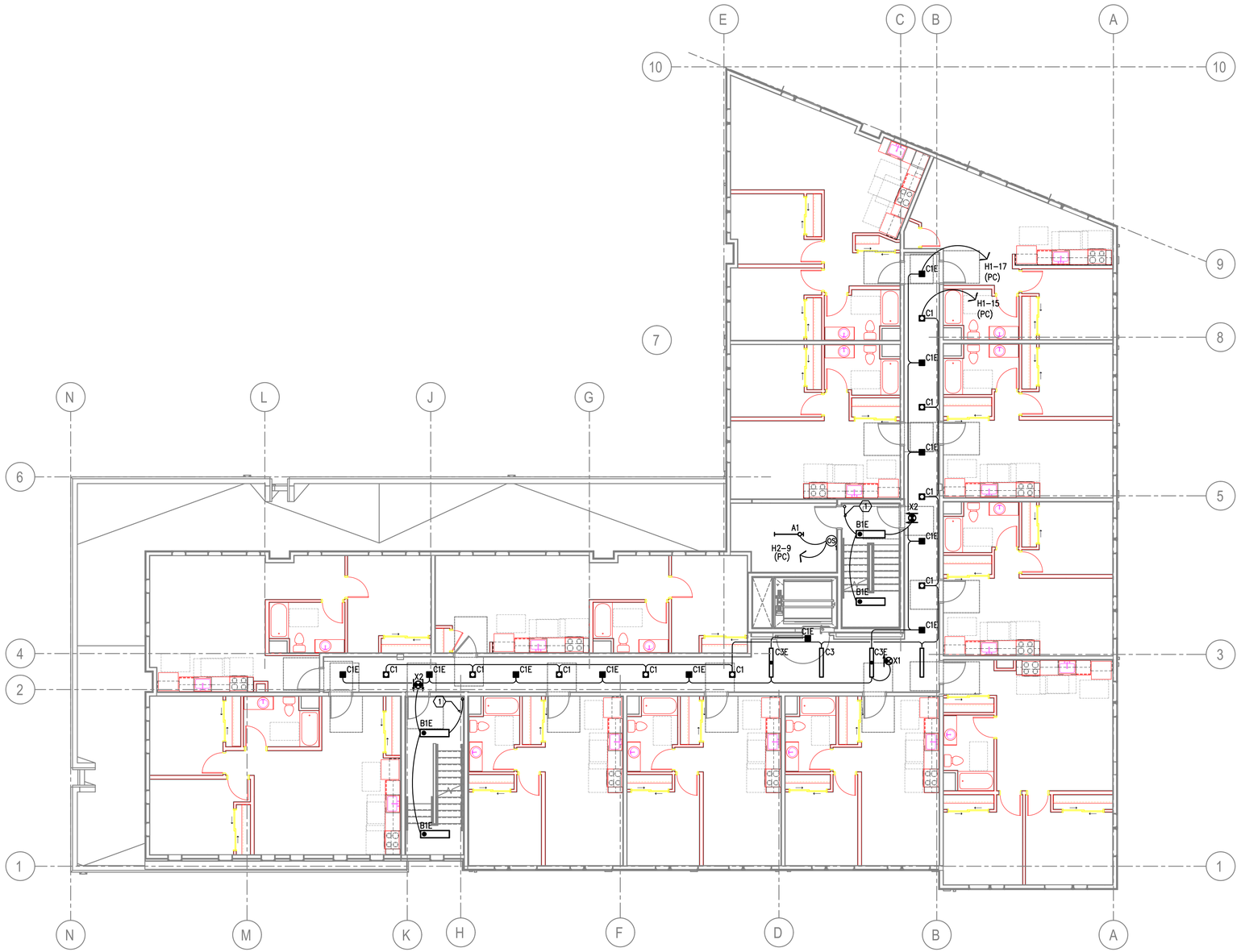

1 E2.02 SECOND FLOOR LIGHTING PLAN

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. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULES AND DETAILS.

C. THE ELECTRICAL CONTRACTOR SHALL CONSULT THE ARCHITECT AND/OR INTERIOR DESIGNER DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES AND DEVICES PRIOR TO THE START OF ANY ROUGH IN WORK.

D. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.

E. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.

F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER 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 OCCUPANCY SENSORS AND/OR TIME CLOCKS TO REDUCE LIGHT LEVELS BY 50% DURING PERIODS OF LOW ACTIVITY.

I. CORRIDOR LIGHT FIXTURES DESIGNATED AS EGRESS LIGHTING, SHALL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION, IN THE EVENT OF POWER LOSS.

J. ALL EGRESS FIXTURES (OTHER THAN CORRIDOR) SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION. REFER TO SWITCHING DETAILS ON SHEET E1.21.

K. STAIRWELL LIGHT FIXTURES ARE TO BE CONSTANT "ON" AND EQUIPPED WITH OCCUPANCY SENSORS (REMOTE OR INTEGRAL) TO REDUCE LIGHT OUTPUT BY 50% DURING PERIODS OF NO ACTIVITY; RETURNING TO FULL OUTPUT UPON DETECTION OF OCCUPANTS. THESE LIGHTS SHALL REMAIN AT FULL OUTPUT FOR A MINIMUM OF 20 MINUTES OF VACANCY. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.21.

LIGHTING CONTROL INTENT

LOBBY:	CEILING LIGHTS CONSTANT 'ON' WALL WASHERS DIMMING SWITCH (IN OFFICE)
CORRIDORS:	FIXTURES DESIGNATED AS EGRESS TO BE CONSTANT 'ON'. ALL OTHER LIGHTS TO BE CONTROLLED VIA SENSOR OR TIME CLOCK TO DIM LIGHT LEVELS BY 50% DURING PERIODS OF INACTIVITY.
COMMUNITY ROOM:	FIXTURES IN THE MULTI-PURPOSE AREA CONTROLLED VIA OCCUPANCY SENSOR SWITCH. FIXTURES IN THE TV/SEATING AREA CONTROLLED VIA WALL MOUNTED OCCUPANCY SENSOR SWITCH W/ DIMMING. EGRESS LIGHTS TO FAIL SAFE 'ON' REGARDLESS OF THE SWITCH POSITION.

⬡ KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.

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SECOND FLOOR LIGHTING PLAN

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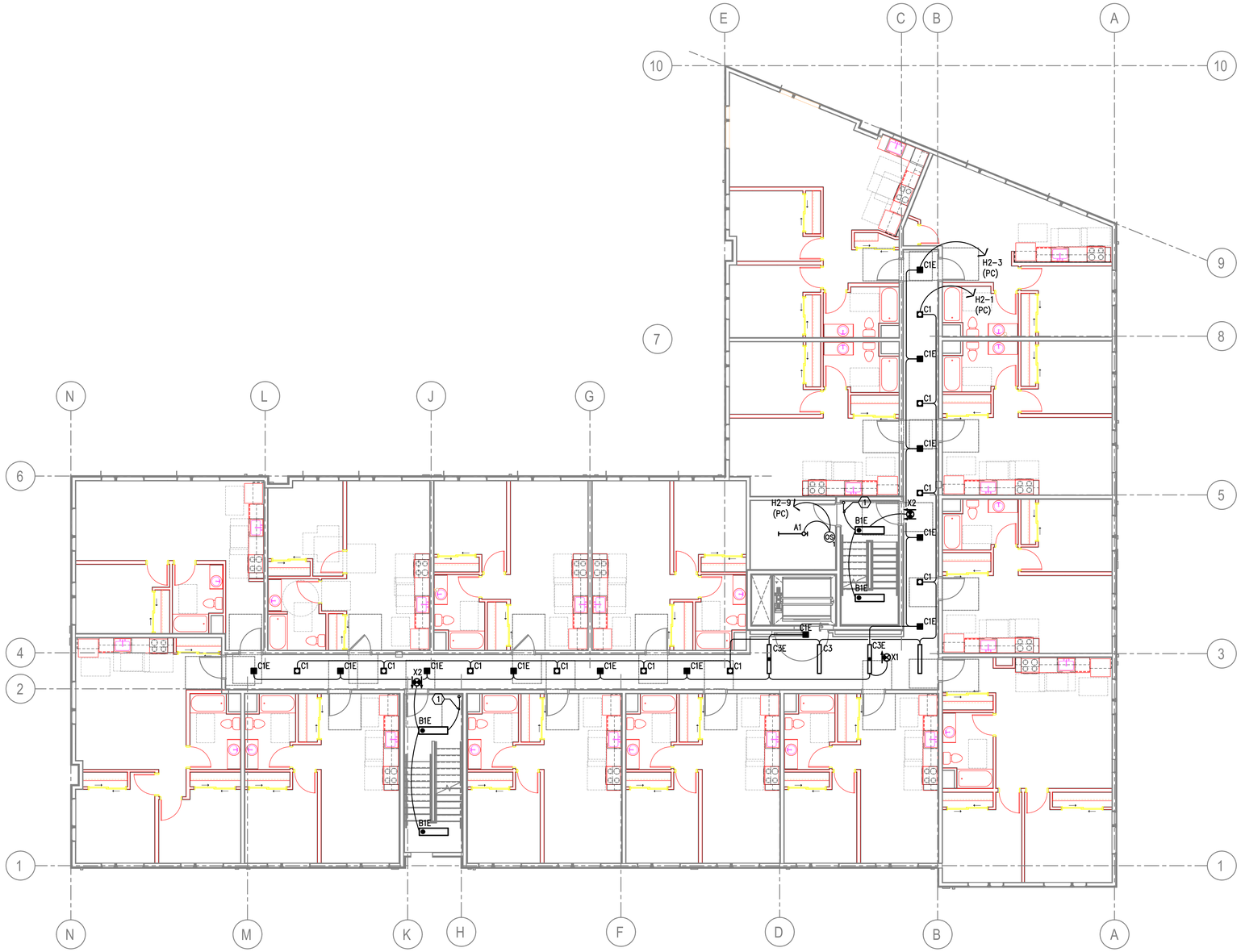

1 E2.03 THIRD FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULES AND DETAILS.

C. THE ELECTRICAL CONTRACTOR SHALL CONSULT THE ARCHITECT AND/OR INTERIOR DESIGNER DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES AND DEVICES PRIOR TO THE START OF ANY ROUGH IN WORK.

D. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.

E. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.

F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER 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 OCCUPANCY SENSORS AND/OR TIME CLOCKS TO REDUCE LIGHT LEVELS BY 50% DURING PERIODS OF LOW ACTIVITY.

I. CORRIDOR LIGHT FIXTURES DESIGNATED AS EGRESS LIGHTING, SHALL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION, IN THE EVENT OF POWER LOSS.

J. ALL EGRESS FIXTURES (OTHER THAN CORRIDOR) SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION. REFER TO SWITCHING DETAILS ON SHEET E1.21.

K. STAIRWELL LIGHT FIXTURES ARE TO BE CONSTANT "ON" AND EQUIPPED WITH OCCUPANCY SENSORS (REMOTE OR INTEGRAL) TO REDUCE LIGHT OUTPUT BY 50% DURING PERIODS OF NO ACTIVITY; RETURNING TO FULL OUTPUT UPON DETECTION OF OCCUPANTS. THESE LIGHTS SHALL REMAIN AT FULL OUTPUT FOR A MINIMUM OF 20 MINUTES OF VACANCY. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.21.

LIGHTING CONTROL INTENT

LOBBY: CEILING LIGHTS CONSTANT 'ON'
WALL WASHERS DIMMING SWITCH (IN OFFICE)

CORRIDORS: FIXTURES DESIGNATED AS EGRESS TO BE CONSTANT 'ON'. ALL OTHER LIGHTS TO BE CONTROLLED VIA SENSOR OR TIME CLOCK TO DIM LIGHT LEVELS BY 50% DURING PERIODS OF INACTIVITY.

COMMUNITY ROOM: FIXTURES IN THE MULTI-PURPOSE AREA CONTROLLED VIA OCCUPANCY SENSOR SWITCH.
FIXTURES IN THE TV/SEATING AREA CONTROLLED VIA WALL MOUNTED OCCUPANCY SENSOR SWITCH W/ DIMMING.
EGRESS LIGHTS TO FAIL SAFE 'ON' REGARDLESS OF THE SWITCH POSITION.

KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.

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THIRD FLOOR LIGHTING PLAN

TITLE

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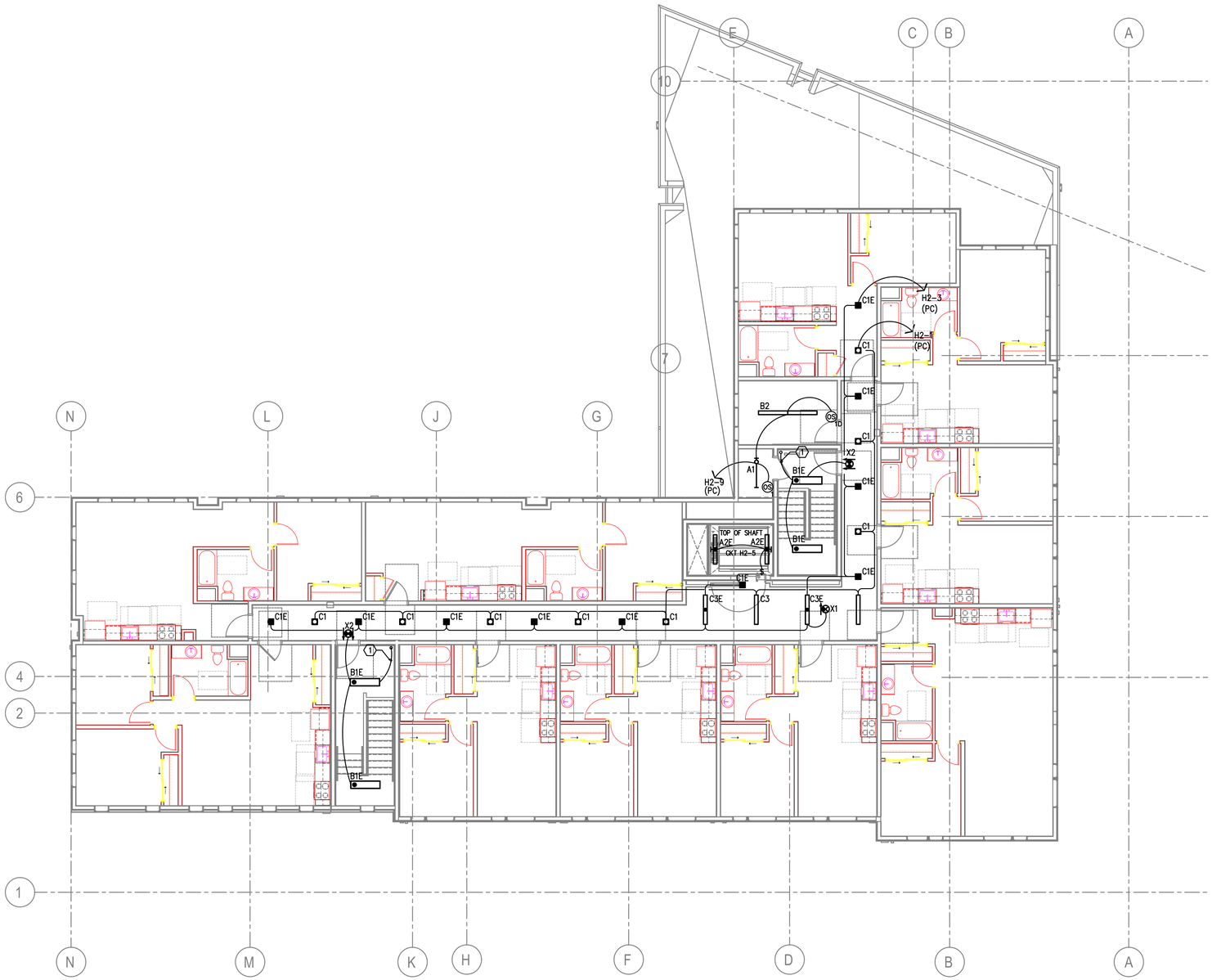

1 E2.04 FOURTH FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULES AND DETAILS.

C. THE ELECTRICAL CONTRACTOR SHALL CONSULT THE ARCHITECT AND/OR INTERIOR DESIGNER DRAWINGS FOR THE EXACT LOCATION AND MOUNTING HEIGHTS OF ALL LIGHT FIXTURES AND DEVICES PRIOR TO THE START OF ANY ROUGH IN WORK.

D. REFER TO AVAILABLE ARCHITECTURAL AND/OR INTERIOR DESIGN DOCUMENTS & DRAWINGS FOR ADDITIONAL INFORMATION.

E. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE RESIDENTIAL UNITS.

F. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER 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 OCCUPANCY SENSORS AND/OR TIME CLOCKS TO REDUCE LIGHT LEVELS BY 50% DURING PERIODS OF LOW ACTIVITY.

I. CORRIDOR LIGHT FIXTURES DESIGNATED AS EGRESS LIGHTING, SHALL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION, IN THE EVENT OF POWER LOSS.

J. ALL EGRESS FIXTURES (OTHER THAN CORRIDOR) SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER REGARDLESS OF SWITCH POSITION. REFER TO SWITCHING DETAILS ON SHEET E1.21.

K. STAIRWELL LIGHT FIXTURES ARE TO BE CONSTANT "ON" AND EQUIPPED WITH OCCUPANCY SENSORS (REMOTE OR INTEGRAL) TO REDUCE LIGHT OUTPUT BY 50% DURING PERIODS OF NO ACTIVITY; RETURNING TO FULL OUTPUT UPON DETECTION OF OCCUPANTS. THESE LIGHTS SHALL REMAIN AT FULL OUTPUT FOR A MINIMUM OF 20 MINUTES OF VACANCY. SEE LIGHTING CONTROL DIAGRAMS ON SHEET E1.21.

LIGHTING CONTROL INTENT

LOBBY:	CEILING LIGHTS CONSTANT 'ON' WALL WASHERS DIMMING SWITCH (IN OFFICE)
CORRIDORS:	FIXTURES DESIGNATED AS EGRESS TO BE CONSTANT 'ON'. ALL OTHER LIGHTS TO BE CONTROLLED VIA SENSOR OR TIME CLOCK TO DIM LIGHT LEVELS BY 50% DURING PERIODS OF INACTIVITY.
COMMUNITY ROOM:	FIXTURES IN THE MULTI-PURPOSE AREA CONTROLLED VIA OCCUPANCY SENSOR SWITCH. FIXTURES IN THE TV/SEATING AREA CONTROLLED VIA WALL MOUNTED OCCUPANCY SENSOR SWITCH W/ DIMMING. EGRESS LIGHTS TO FAIL SAFE 'ON' REGARDLESS OF THE SWITCH POSITION.

⬡ KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.

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EXPIRES 12-31-2023

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WECOMA PLACE
LINCOLN CITY, OREGON

FOURTH FLOOR LIGHTING PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY
PERMIT SET	
STATUS	
07/08/2022	
DATE	
20559	
PROJECT NUMBER	

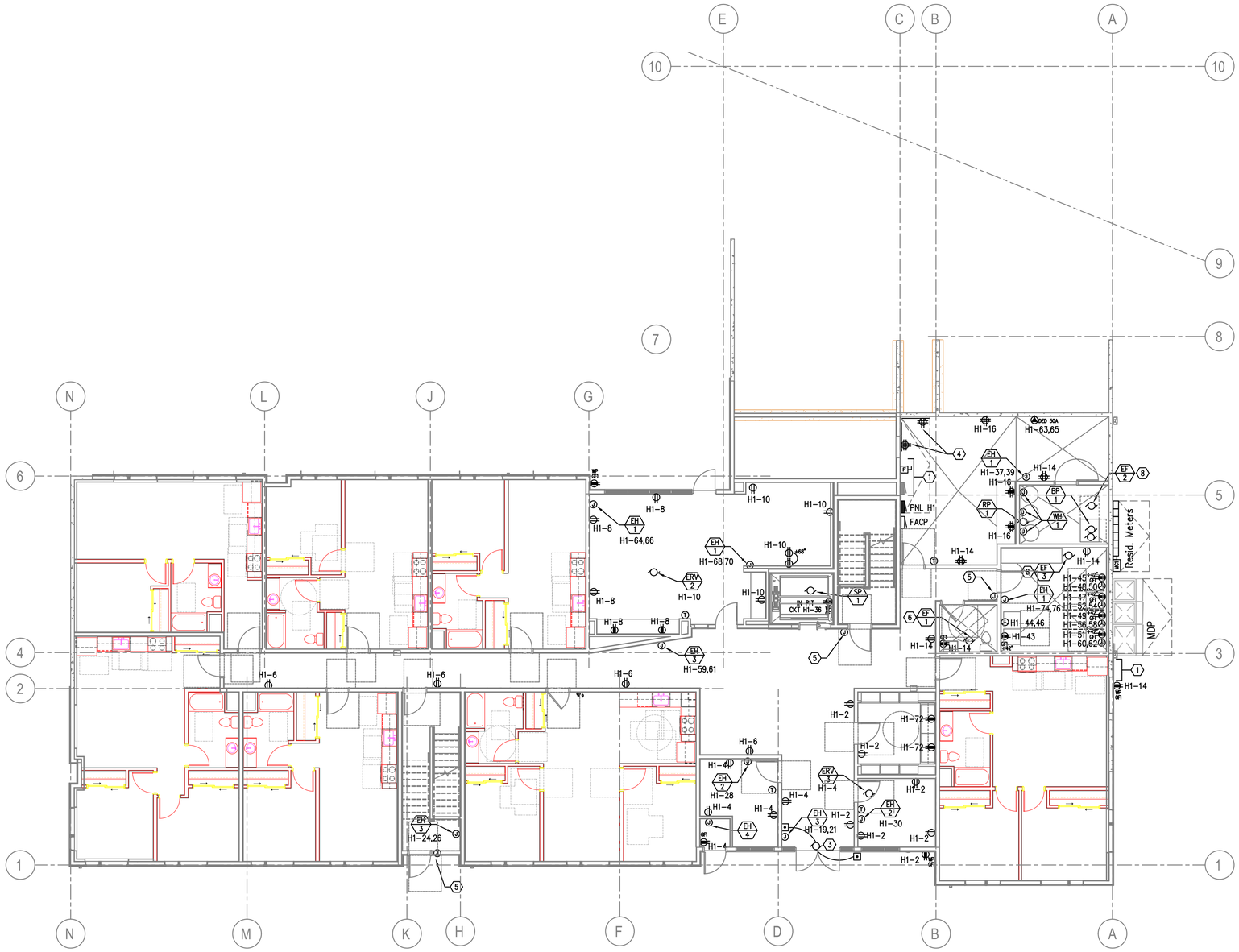
E2.04

If this drawing is not 24" x 36", it has been reduced/enlarged. Scale accordingly.

11 x 17 - Center, Zoom 46% | 24 x 36 - Center, Zoom 100% | Vector High, Greyscale

Plot Date: 2/22/2022 11:28:08 AM

Revit File: Autodesk Docs://20559 - Wecoma Place/20559 - Wecoma Place.rvt



1 E3.01 FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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 EQUIPMENT SHOWN IS APPROXIMATE SIZE, BASED ON INDUSTRY STANDARD PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE TO 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 SHALL BE EQUIPPED WITH A LOCKING, WEATHER PROOF COVER.

D. 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.

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 SYSTEMS AND FIRE ALARM INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

I. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE APARTMENT UNITS.

J. GFCI RECEPTACLES TO BE PROVIDED WITHIN A 25FT RADIUS OF ALL MECHANICAL EQUIPMENT PER CODE. LOCATIONS SHOWN REPRESENT THIS. FINAL LOCATION(S) SHALL BE FIELD DETERMINED AND INSTALLED PER CODE.

K. BRANCH PANELS LOCATED IN PUBLIC SPACES SHALL BE FLUSH MOUNTED AND PROVIDED WITH LOCKING COVERS.

L. ALL ELECTRICAL EQUIPMENT SHALL BE PROVIDED WITH THE APPROPRIATE LABELS AND DIRECTORIES. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

⬡ KEYED NOTES:

1. RESERVED SPACE FOR FUTURE PV SOLAR SYSTEM EQUIPMENT. REFER TO HOUSE PANEL SCHEDULE(S) FOR RESERVED CIRCUIT BREAKER(S). PROVIDE ONE 1" CONDUIT WITH PULL STRING, FROM THE HOUSE PANEL LOCATION TO THE ROOF AREA RESERVED FOR THE SOLAR ARRAY ON THE ROOF AND CAP AT BOTH ENDS.
2. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER AND COORDINATE ELECTRICAL CONNECTIONS FOR INSTALLATION.
3. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1 FOR AUTOMATIC DOOR OPENERS.
4. 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.xx FOR RESERVED CIRCUITS.
5. 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 INFORMATION.
6. CONTINUOUS OPERATION SUPPLY FAN TO BE TIED INTO THE LIGHTING CIRCUIT FOR THIS AREA, AHEAD OF THE LIGHTING CONTROLS. CONSULT MECHANICAL PLANS AND/OR EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN.
7. CONFIRM CONDUIT STUB-UP LOCATION FOR PV SOLAR WITH ARCHITECT AND/OR SYSTEM DESIGNER PRIOR TO ROUGH-IN.
8. EXHAUST FAN TO BE TIED INTO THE LIGHTING CIRCUIT FOR THIS AREA, AHEAD OF THE LIGHTING CONTROLS. CONSULT MECHANICAL PLANS AND/OR EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN.

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LINCOLN CITY, OREGON

FIRST FLOOR POWER PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

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DRAWN BY	CHECK BY

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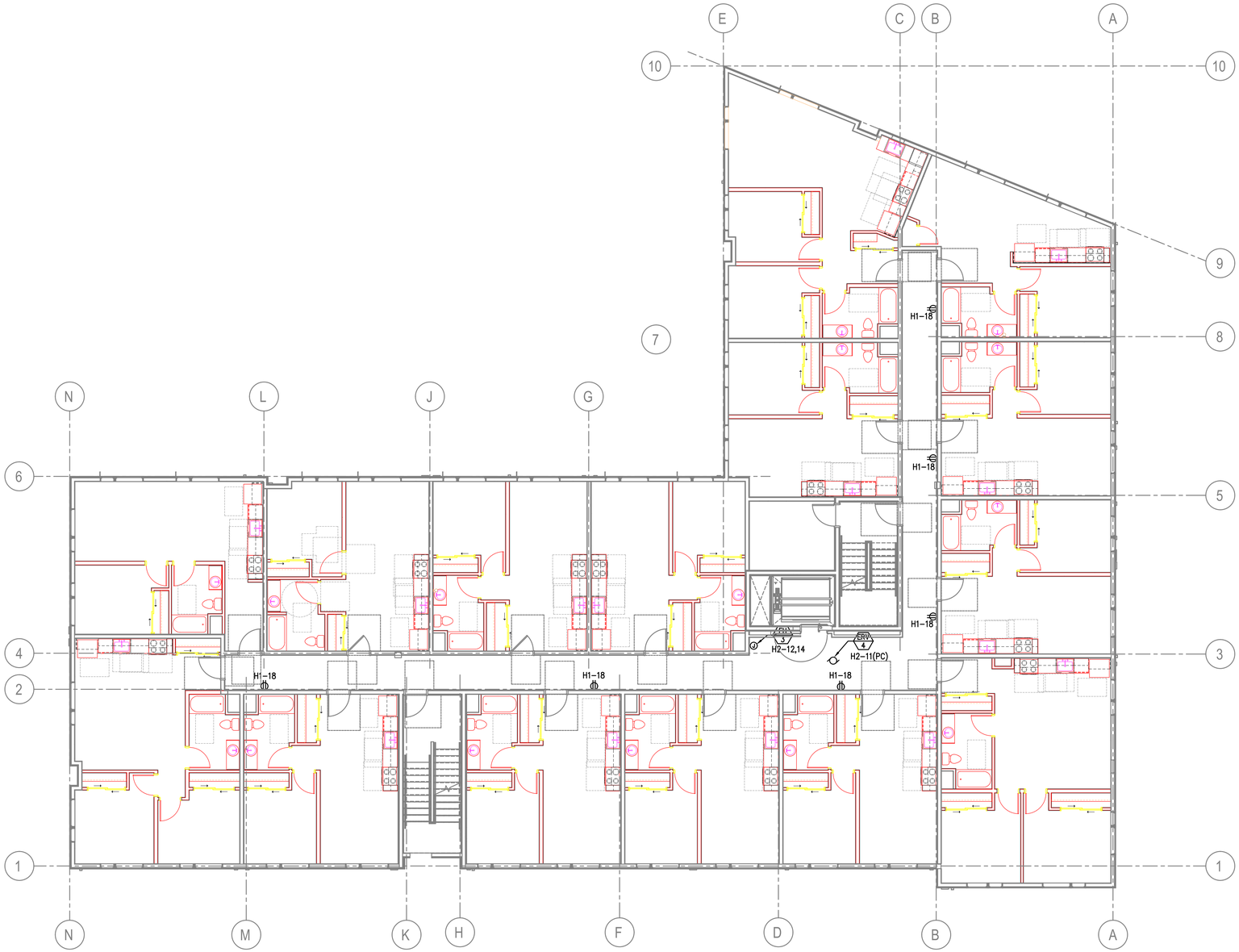

1 E3.02 SECOND FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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 EQUIPMENT SHOWN IS APPROXIMATE SIZE, BASED ON INDUSTRY STANDARD PRODUCTS. CONTRACTOR SHALL BE RESPONSIBLE TO 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 SHALL BE EQUIPPED WITH A LOCKING, WEATHER PROOF COVER.

D. 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.

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 SYSTEMS AND FIRE ALARM INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

I. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE APARTMENT UNITS.

J. GFCI RECEPTACLES TO BE PROVIDED WITHIN A 25FT RADIUS OF ALL MECHANICAL EQUIPMENT PER CODE. LOCATIONS SHOWN REPRESENT THIS. FINAL LOCATION(S) SHALL BE FIELD DETERMINED AND INSTALLED PER CODE.

K. BRANCH PANELS LOCATED IN PUBLIC SPACES SHALL BE FLUSH MOUNTED AND PROVIDED WITH LOCKING COVERS.

L. ALL ELECTRICAL EQUIPMENT SHALL BE PROVIDED WITH THE APPROPRIATE LABELS AND DIRECTORIES. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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6. CONTINUOUS OPERATION SUPPLY FAN TO BE TIED INTO THE LIGHTING CIRCUIT FOR THIS AREA, AHEAD OF THE LIGHTING CONTROLS. CONSULT MECHANICAL PLANS AND/OR EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN.
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LINCOLN CITY, OREGON

SECOND FLOOR POWER PLAN

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E3.02

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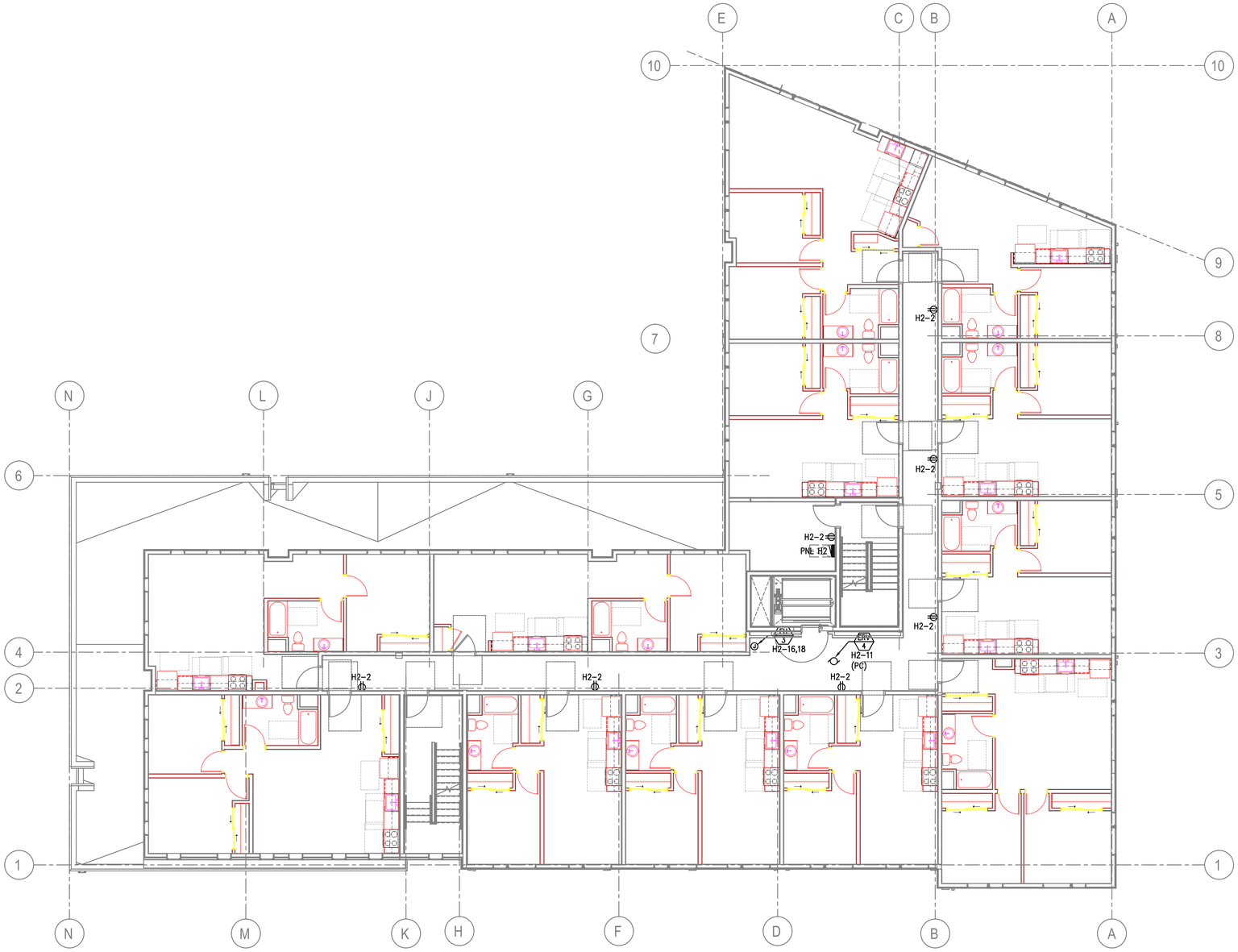

1 E3.03 THIRD FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.

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D. 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.

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WECOMA PLACE
LINCOLN CITY, OREGON

THIRD FLOOR POWER PLAN

TITLE

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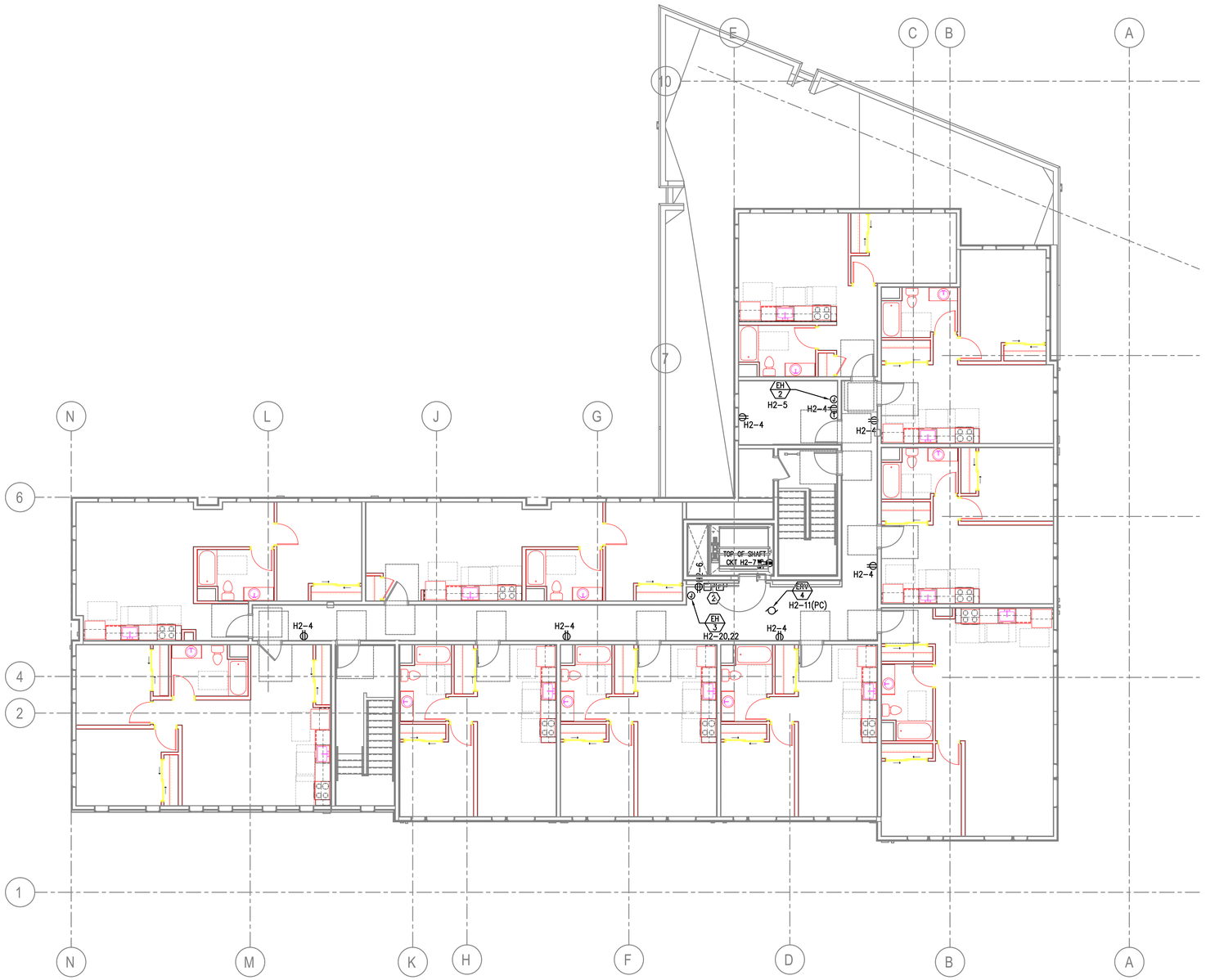

1 E3.04 FOURTH FLOOR POWER PLAN

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

GENERAL POWER NOTES:

A. ALL PLANS ARE CONSIDERED DIAGRAMMATICAL. THEREFORE ALL EQUIPMENT SIZES AND DEVICE LOCATIONS ARE APPROXIMATE AND SUBJECT TO FIELD CONDITIONS AND PRODUCT APPROVAL.

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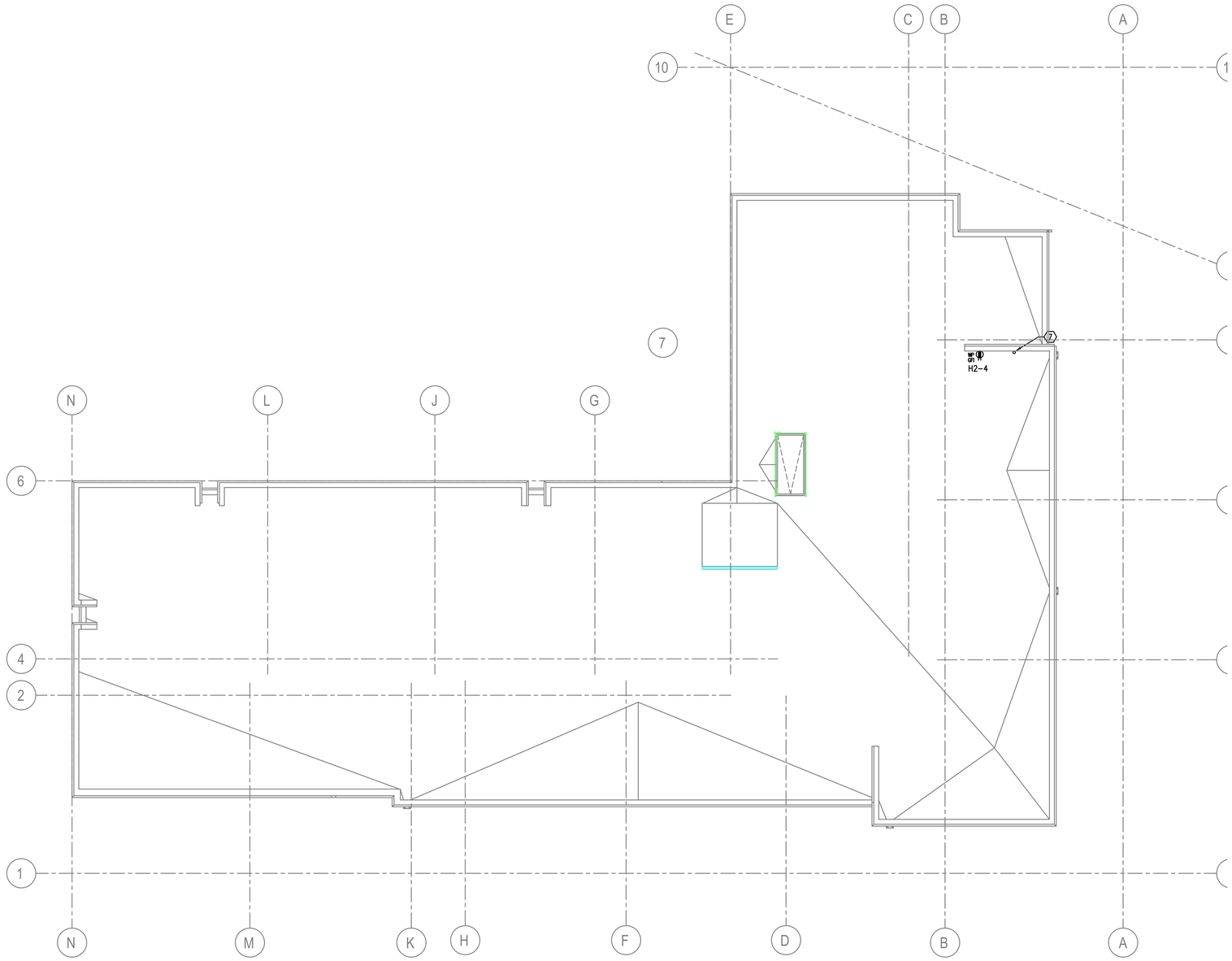

1 E3.05 ROOF LEVEL POWER PLAN
SCALE: 1/8" = 1'-0"

GENERAL POWER NOTES:

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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 SYSTEMS AND FIRE ALARM INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

I. REFER TO ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE APARTMENT UNITS.

J. GFCI RECEPTACLES TO BE PROVIDED WITHIN A 25FT RADIUS OF ALL MECHANICAL EQUIPMENT PER CODE. LOCATIONS SHOWN REPRESENT THIS. FINAL LOCATION(S) SHALL BE FIELD DETERMINED AND INSTALLED PER CODE.

K. BRANCH PANELS LOCATED IN PUBLIC SPACES SHALL BE FLUSH MOUNTED AND PROVIDED WITH LOCKING COVERS.

L. ALL ELECTRICAL EQUIPMENT SHALL BE PROVIDED WITH THE APPROPRIATE LABELS AND DIRECTORIES. REFER TO DIVISION 26 SPECIFICATIONS FOR ADDITIONAL INFORMATION.

⬡ KEYED NOTES:

1. RESERVED SPACE FOR FUTURE PV SOLAR SYSTEM EQUIPMENT. REFER TO HOUSE PANEL SCHEDULE(S) FOR RESERVED CIRCUIT BREAKER(S). PROVIDE ONE 1" CONDUIT WITH PULL STRING, FROM THE HOUSE PANEL LOCATION TO THE ROOF AREA RESERVED FOR THE SOLAR ARRAY ON THE ROOF AND CAP AT BOTH ENDS.
2. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER AND COORDINATE ELECTRICAL CONNECTIONS FOR INSTALLATION.
3. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1 FOR AUTOMATIC DOOR OPENERS.
4. 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.xx FOR RESERVED CIRCUITS.
5. 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 INFORMATION.
6. CONTINUOUS OPERATION SUPPLY FAN TO BE TIED INTO THE LIGHTING CIRCUIT FOR THIS AREA, AHEAD OF THE LIGHTING CONTROLS. CONSULT MECHANICAL PLANS AND/OR EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN.
7. CONFIRM CONDUIT STUB-UP LOCATION FOR PV SOLAR WITH ARCHITECT AND/OR SYSTEM DESIGNER PRIOR TO ROUGH-IN.
8. EXHAUST FAN TO BE TIED INTO THE LIGHTING CIRCUIT FOR THIS AREA, AHEAD OF THE LIGHTING CONTROLS. CONSULT MECHANICAL PLANS AND/OR EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN.

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WECOMA PLACE
LINCOLN CITY, OREGON

ROOF LEVEL POWER PLAN

TITLE

#	DATE	DESCRIPTION

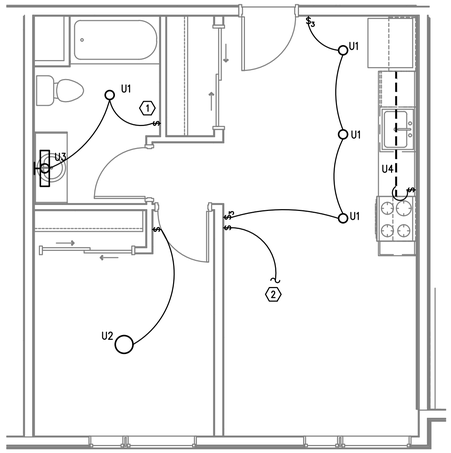
REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

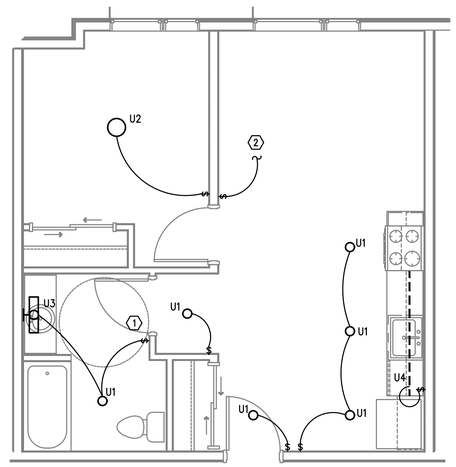
PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E3.05

If this drawing is not 24" x 36", it has been reduced/enlarged. Scale accordingly.



1 E4.01 TYPICAL LIGHTING – UNIT 1.1 TYPE B
SCALE: 1/4" = 1'-0"



2 E4.01 TYPICAL LIGHTING – UNIT 1.2 TYPE A
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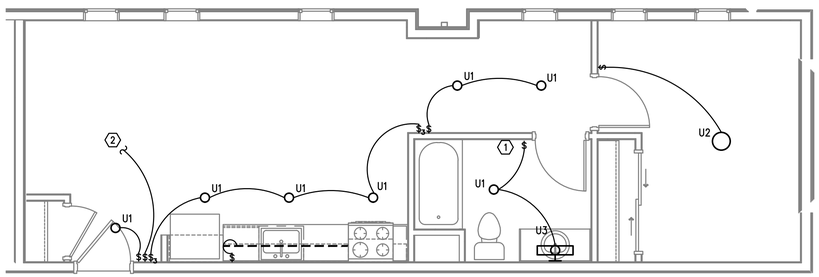
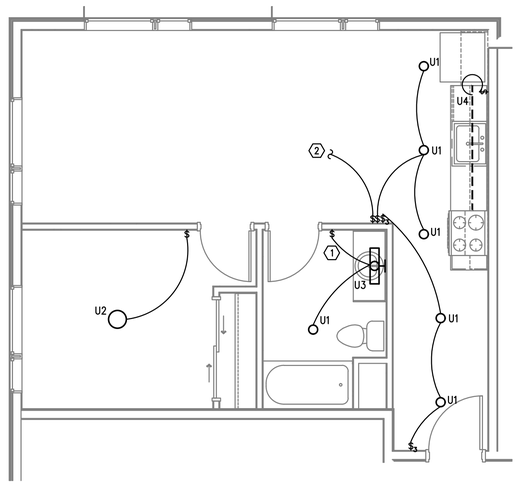


3 E4.01 TYPICAL LIGHTING – UNIT 1.3 TYPE B
SCALE: 1/4" = 1'-0"



4 E4.01 TYPICAL LIGHTING – UNIT 1.4 TYPE B
SCALE: 1/4" = 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. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.

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 AND COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR ALL LOW VOLTAGE SYSTEMS.

⬡ KEYED NOTES:

1. REFER TO TYPICAL BATHROOM SWITCHING DETAILS ON SHEET E1.22.
2. TO SWITCHED RECEPTACLE IN LIVING ROOM. REFER TO E4.1 SERIES SHEETS FOR LOCATION.

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WECOMA PLACE
LINCOLN CITY, OREGON

TYPICAL DWELLING UNIT LIGHTING PLANS

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E4.01

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11 x 17 - Center, Zoom 100% | Vector High, Greyscale

11 x 17 - Center, Zoom 46% | 24 x 36 - Center

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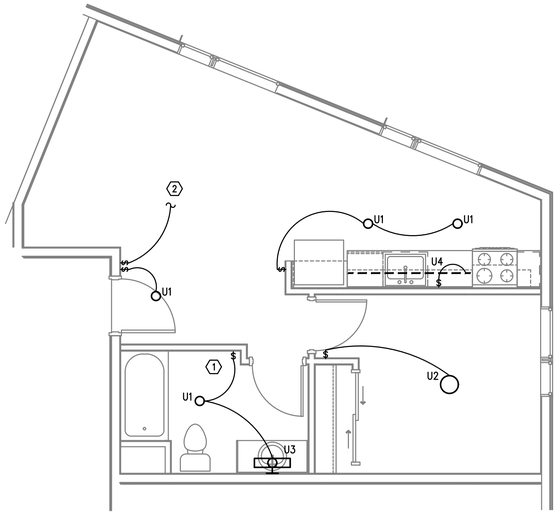
Plot Date: 2/22/2022 11:28:08 AM



1 E4.02 TYPICAL LIGHTING – UNIT 1.5 TYPE B
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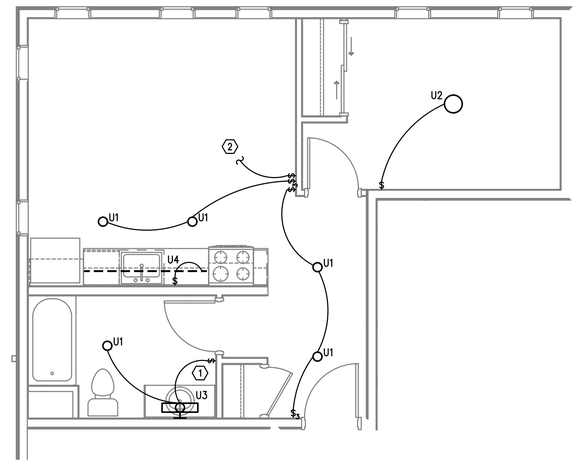

2 E4.02 TYPICAL LIGHTING – UNIT 1.6 TYPE B
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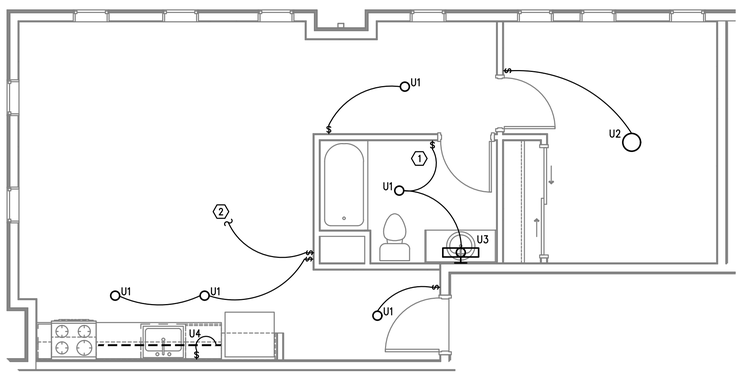

3 E4.02 TYPICAL LIGHTING – UNIT 1.7 TYPE B
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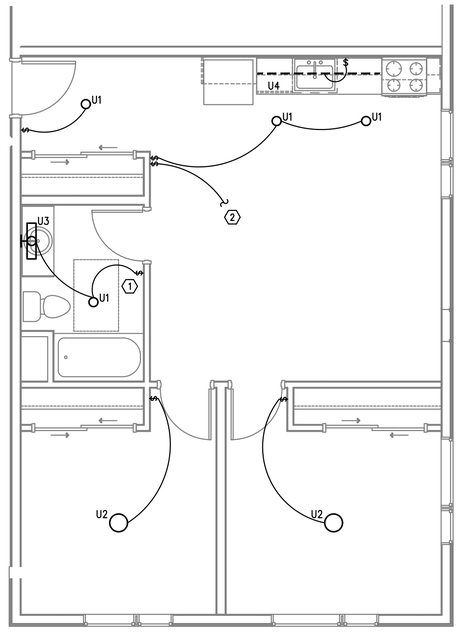

3 E4.02 TYPICAL LIGHTING – UNIT 2.1 TYPE B
SCALE: 1/4" = 1'-0"

11 x 17 - Center, Zoom 100% | Vector High, Greyscale

11 x 17 - Center, Zoom 46% | 24 x 36 - Center, Zoom 100% | Vector High, Greyscale

Revit File: Autodesk Docs://20559 - Wecoma Place/20559 - Wecoma Place.rvt
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LINCOLN CITY, OREGON

TYPICAL DWELLING UNIT LIGHTING PLANS

TITLE

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DRAWN BY	CHECK BY

PERMIT SET
STATUS

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PROJECT NUMBER

E4.02

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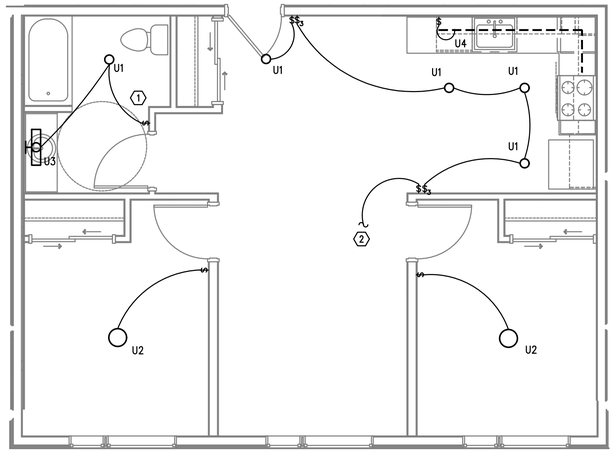
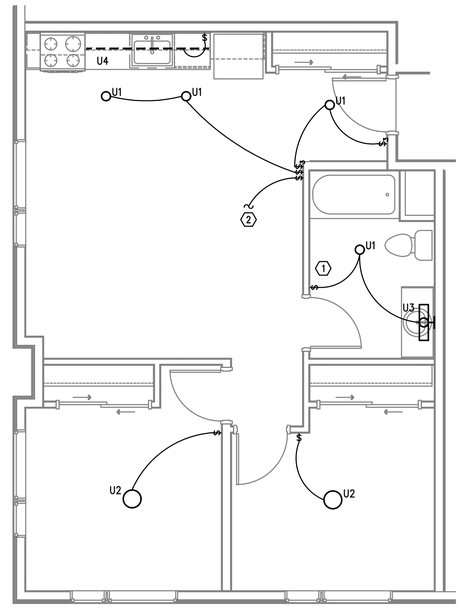
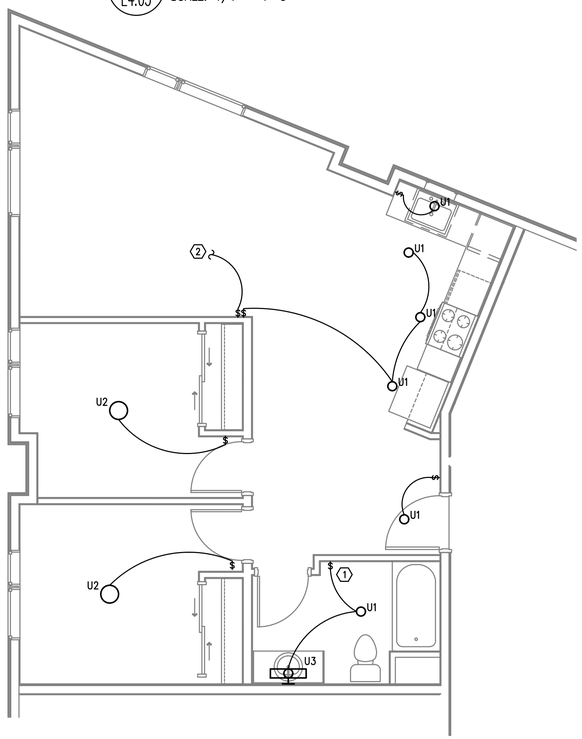


1 E4.03 TYPICAL LIGHTING – UNIT 2.2 TYPE A
SCALE: 1/4" = 1'-0"



2 E4.03 TYPICAL LIGHTING – UNIT 2.3 TYPE B
SCALE: 1/4" = 1'-0"



3 E4.03 TYPICAL LIGHTING – UNIT 2.4 TYPE B
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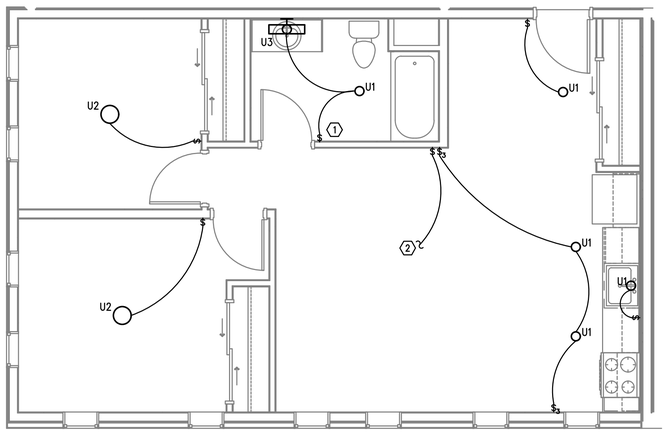

4 E4.03 TYPICAL LIGHTING – UNIT 2.5 TYPE B
SCALE: 1/4" = 1'-0"

11 x 17 - Center, Zoom 100% | Vector High, Greyscale

11 x 17 - Center, Zoom 46% | 24 x 36 - Center, Zoom 100% | Vector High, Greyscale

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LINCOLN CITY, OREGON

TYPICAL DWELLING UNIT LIGHTING PLANS

TITLE

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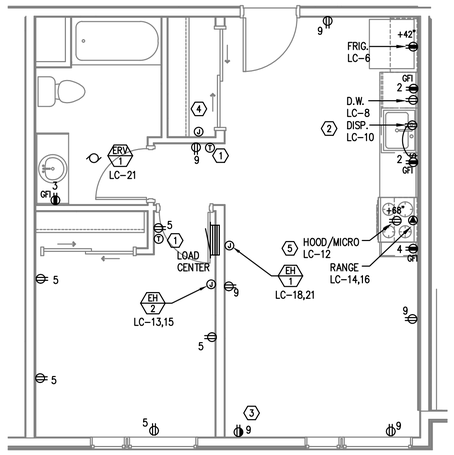
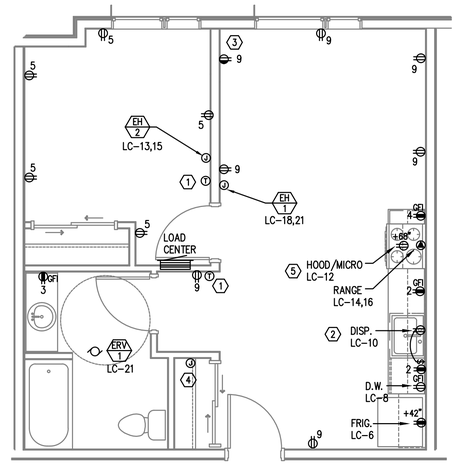
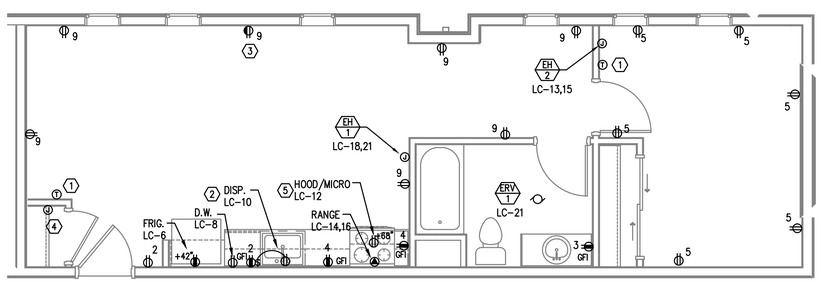


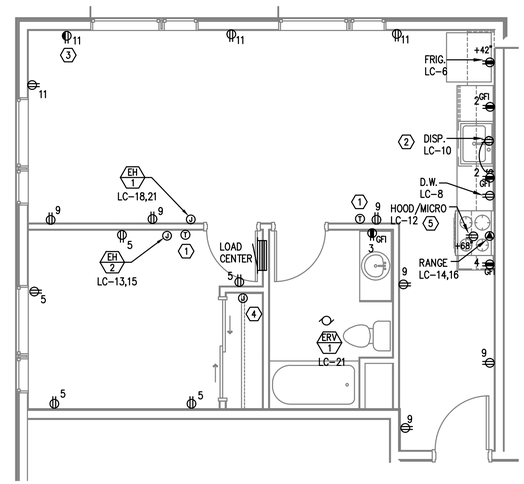
1 E4.11 TYPICAL POWER – UNIT 1.1 TYPE B
SCALE: 1/4" = 1'-0"



2 E4.11 TYPICAL POWER – UNIT 1.2 TYPE A
SCALE: 1/4" = 1'-0"



3 E4.11 TYPICAL POWER – UNIT 1.3 TYPE B
SCALE: 1/4" = 1'-0"



4 E4.11 TYPICAL POWER – UNIT 1.4 TYPE B
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES AND FIXTURES.

B. KITCHEN RECEPTACLES LOCATED IN ISLANDS OR PENINSULAS WHERE THE BACK SPLASH WILL NOT ACCOMMODATE VERTICAL PLACEMENT OR THE DUPLEX RECEPTACLE, THE CONTRACTOR SHALL ROTATE THE DEVICE 90 DEGREES SO THAT THE RECEPTACLE IS INSTALLED HORIZONTALLY.

C. REFER TO DETAILS ON SHEET E1.22 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

D. 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.

E. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. REFER TO AND COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR ALL LOW VOLTAGE SYSTEMS.

⬡ KEYED 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 PART.
2. PROVIDE ONE 20A, 120V, 1P GFIC DUPLEX RECEPTACLE UNDER KITCHEN SINK FOR DISPOSAL POWER CONNECTION.
3. PROVIDE ONE 15A SPLIT BUSS SWITCHED RECEPTACLE. REFER TO E4.0x UNIT 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.

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WECOMA PLACE

LINCOLN CITY, OREGON

TYPICAL DWELLING UNIT POWER PLANS

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
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STATUS

07/08/2022

DATE

20559

PROJECT NUMBER

E4.11

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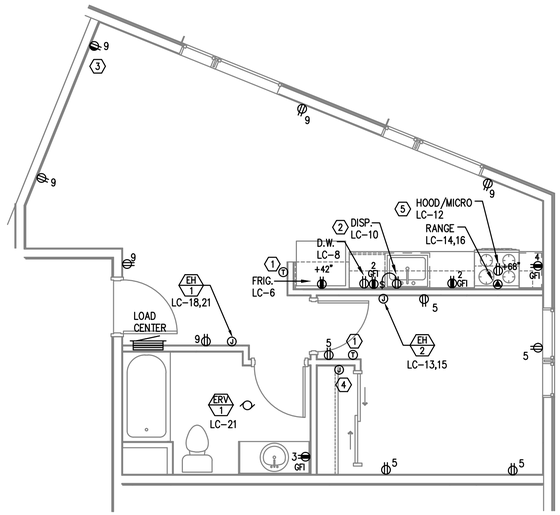
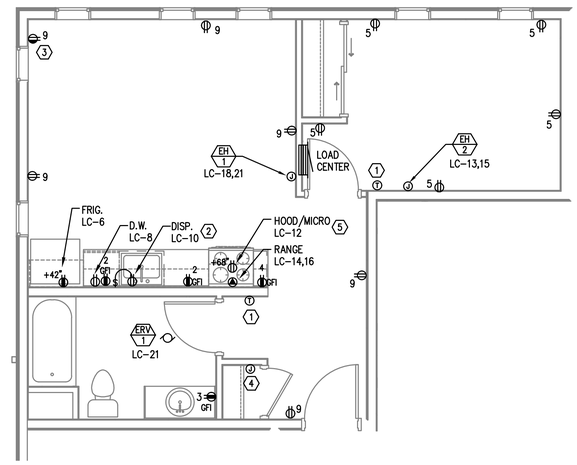
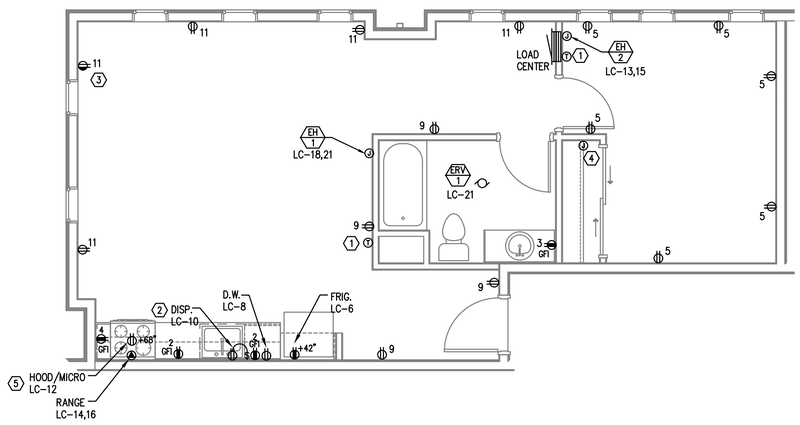


1 / E4.12 TYPICAL POWER – UNIT 1.5 TYPE B
SCALE: 1/4" = 1'-0"



2 / E4.12 TYPICAL POWER – UNIT 1.6 TYPE B
SCALE: 1/4" = 1'-0"



3 / E4.12 TYPICAL POWER – UNIT 1.7 TYPE B
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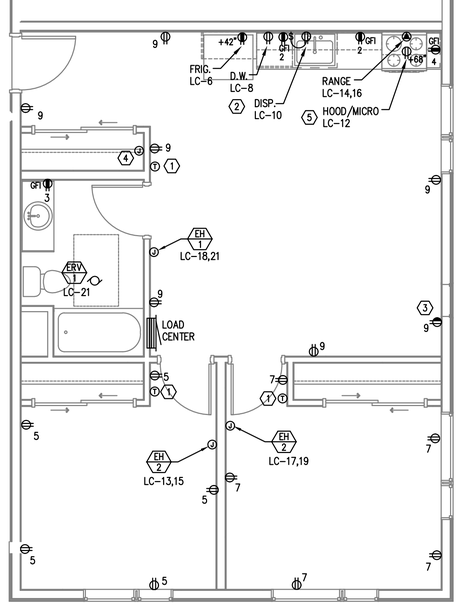

3 / E4.12 TYPICAL POWER – UNIT 2.1 TYPE B
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

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B. KITCHEN RECEPTACLES LOCATED IN ISLANDS OR PENINSULAS WHERE THE BACK SPLASH WILL NOT ACCOMMODATE VERTICAL PLACEMENT OR THE DUPLEX RECEPTACLE, THE CONTRACTOR SHALL ROTATE THE DEVICE 90 DEGREES SO THAT THE RECEPTACLE IS INSTALLED HORIZONTALLY.

C. REFER TO DETAILS ON SHEET E1.22 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

D. 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.

E. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. REFER TO AND COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR ALL LOW VOLTAGE SYSTEMS.

⬡ KEYED 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 PART.
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WECOMA PLACE
LINCOLN CITY, OREGON

TYPICAL DWELLING UNIT POWER PLANS

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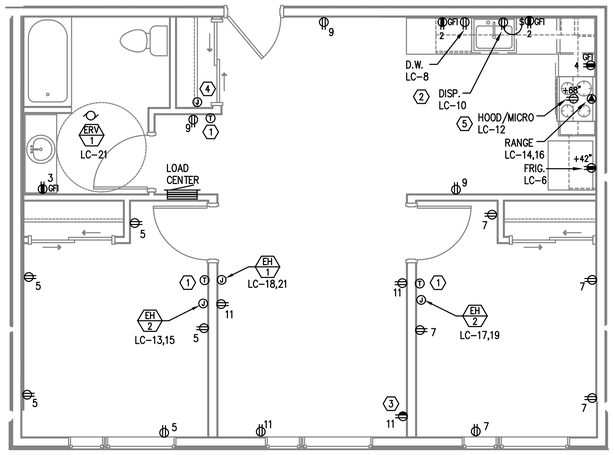

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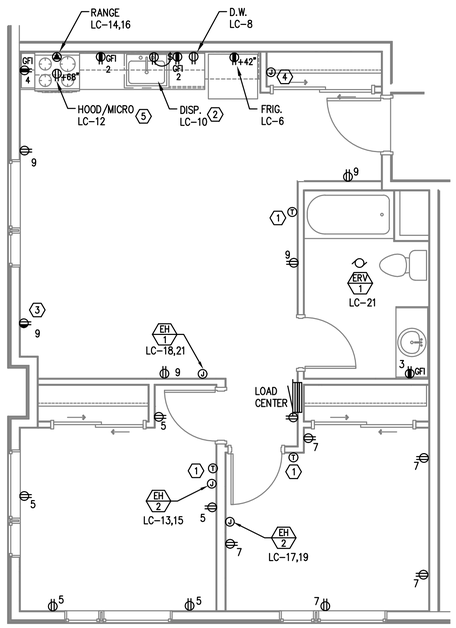
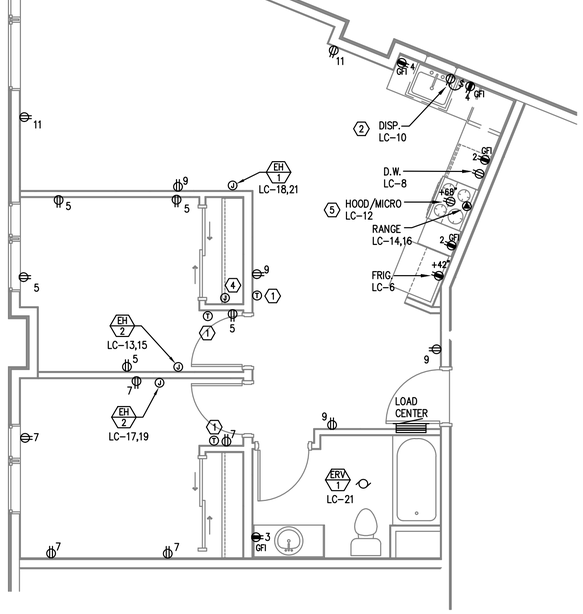
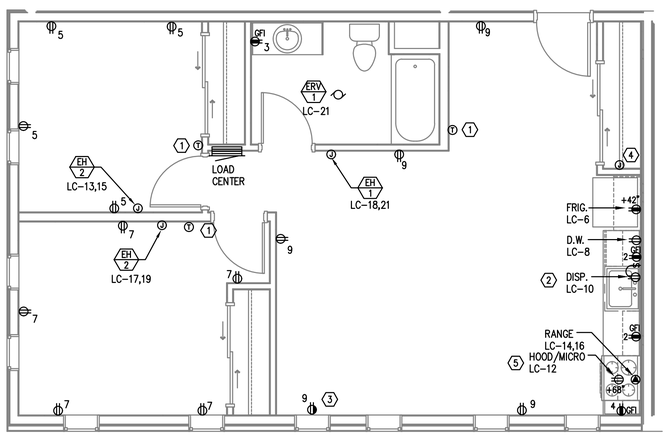


2 E4.13 TYPICAL POWER – UNIT 2.3 TYPE B
SCALE: 1/4" = 1'-0"



3 E4.13 TYPICAL POWER – UNIT 2.4 TYPE B
SCALE: 1/4" = 1'-0"



4 E4.13 TYPICAL POWER – UNIT 2.5 TYPE B
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. ALL PLANS ARE DIAGRAMMATICAL. CONSULT ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION AND MOUNTING HEIGHT OF ALL DEVICES AND FIXTURES.

B. KITCHEN RECEPTACLES LOCATED IN ISLANDS OR PENINSULAS WHERE THE BACK SPLASH WILL NOT ACCOMMODATE VERTICAL PLACEMENT OR THE DUPLEX RECEPTACLE, THE CONTRACTOR SHALL ROTATE THE DEVICE 90 DEGREES SO THAT THE RECEPTACLE IS INSTALLED HORIZONTALLY.

C. REFER TO DETAILS ON SHEET E1.22 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

D. 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.

E. REFER TO SHEET E1.12 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. REFER TO AND COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR ALL LOW VOLTAGE SYSTEMS.

⬡ KEYED 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 PART.
2. PROVIDE ONE 20A, 120V, 1P GFIC DUPLEX RECEPTACLE UNDER KITCHEN SINK FOR DISPOSAL POWER CONNECTION.
3. PROVIDE ONE 15A SPLIT BUSS SWITCHED RECEPTACLE. REFER TO E4.0x UNIT 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.

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TYPICAL DWELLING UNIT POWER PLANS

TITLE

#	DATE	DESCRIPTION

REVISIONS

DMT	RLC
DRAWN BY	CHECK BY

PERMIT SET
STATUS
07/08/2022
DATE
20559
PROJECT NUMBER

E4.13