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
- 2 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
- 2 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
- RECEPTACLE, SPECIAL (COORDINATE WITH EQUIPMENT SERVED)
- R RELAY
- TC TIME CLOCK CONTROL
- PUSHBUTTON STATION
- JUNCTION BOX
- JUNCTION BOX, EMERGENCY CIRCUIT
- T THERMOSTAT
- TR 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' 2R — ELECTRICAL DISTRIBUTION PANELBOARD (MCB)
- SUB-FEED CIRCUIT BREAKER
- 200/3 — CIRCUIT BREAKER (TRIP RATING & POLES AS INDICATED ON PLAN)
- MAIN SWITCH (RATING & POLES AS INDICATED ON PLAN)
- 200A 3P / 200A 100AT — 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 100AT — 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 ENLARGED TYPICAL UNIT PLANS (E4 SERIES SHEETS) FOR TYPICAL POWER & LIGHTING LAYOUTS FOR THE APARTMENT UNITS.

I. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR EXACT LOCATION(S) AND ELEVATIONS FOR FIXTURES & DEVICES.

J. ELECTRICAL PANELS LOCATED IN PUBLIC OR UNSECURED SPACES SHALL BE PROVIDED WITH A LOCKABLE DOOR PANEL.

K. 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.

L. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT SERVICE CONDUIT AND CONDUCTORS REQUIREMENTS.

5 M. ALL UTILITY WORK SHALL BE DONE IN ACCORDANCE WITH THE UTILITY PROVIDER'S ELECTRICAL SERVICE REQUIREMENTS.

1 N. 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.

O. 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.

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

ROBERT L. CONNELL — STATE OF WASHINGTON — 30663 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: July 5th, 2020

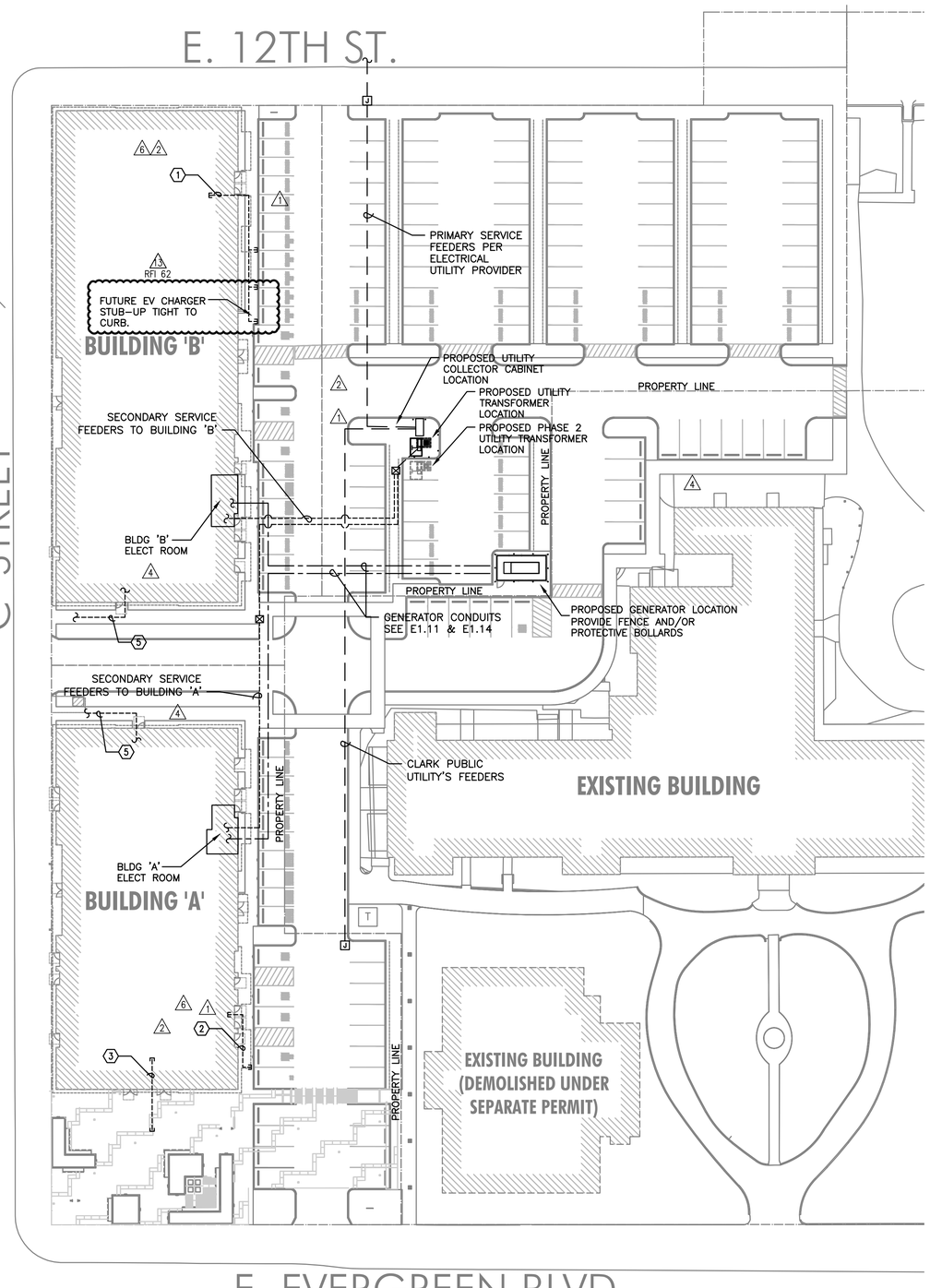
PROJECT # 2017-053
DATE: 11/06/2019

REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
10 COORDINATION 08.27.2021
11 COORDINATION 11.05.2021
12 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET: E1.00



1 E1.01 SITE ELECTRICAL PLAN
SCALE: 1" = 30'-0"

GENERAL NOTES:

A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATION CODES.

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

C. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON SIEMENS PRODUCTS. ACTUAL PRODUCTS INSTALLED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE DOCUMENTED IN FINAL PROJECT DOCUMENTS.

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 SHEETS E1.11 & E1.14 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. CONTRACTOR SHALL REVIEW CLARK PUBLIC UTILITIES 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 CLARK PUBLIC UTILITES ELECTRICAL SERVICE REQUIREMENTS.

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

⬡ KEYED POWER NOTES:

△1 1. ROUTE (3) 3/4" PVC CONDUIT W/PULL STRING FROM BUILDING 'B' ELECTRICAL ROOM #198 TO PARKING LOT LOCATION FOR FUTURE EV CHARGING STATION. STUB-UP FLUSH WITH FINISHED GRADE AND CAP AT BOTH ENDS. RESERVE (4) 40A, 208V, 1P CIRCUITS IN PANEL 'M1' FOR FUTURE ELECTRICAL CONNECTION.

2. ROUTE ONE 3/4" PVC CONDUIT W/PULL STRING FROM BUILDING 'A' ELECTRICAL ROOM #292 TO PARKING LOT LOCATION FOR FUTURE EV CHARGING STATION. STUB-UP FLUSH WITH FINISHED GRADE AND CAP AT BOTH ENDS. RESERVE ONE 40A, 208V, 1P CIRCUITS IN PANEL 'M1' FOR FUTURE ELECTRICAL CONNECTION.

3. PROVIDE (2) 3/4" PVC CONDUIT W/PULL STRING, ROUTED UNDERGROUND FROM MAINTENANCE ROOM #192A TO BUILDING EXTERIOR FOR FUTURE CCTV CONNECTIONS AND CAP AT BOTH ENDS.

△6 △2 4. NOT USED.

△4 5. PROVIDE (1) 3/4" PVC CONDUIT W/PULL STRING, ROUTED UNDERGROUND FROM RISER ROOM #196B TO BUILDING EXTERIOR FOR IRRIGATION AND CAP AT BOTH ENDS. VERIFY EXACT LOCATION WITH LANDSCAPING AND/OR CIVIL.

CONTRACTOR TO LOCATE ALL UNDERGROUND UTILITIES BEFORE TRENCHING.

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.

△2 4. ELECTRICAL UTILITY PROVIDER:
CLARK PUBLIC UTILITIES
CONSTRUCTION SERVICES
360.992.8558

△2

INCOMING ELECTRICAL SERVICE
DIVISION OF RESPONSIBILITY

	ELEC. CONTR.	UTILITY CO.		ELEC. CONTR.	UTILITY CO.
PRIMARY CONDUIT	[X]	[ ]	SECONDARY CONDUIT	[X]	[ ]
PRIMARY CONDUCTORS	[X]	[ ]	SECONDARY CONDUCTORS	[X]	[ ]
TRANSFORMER	[X]	[ ]	C/T ENCLOSURE	[X]	[ ]
TRANSFORMER PAD	[X]	[ ]	C/T's	[ ]	[X]
PRIMARY GROUNDING	[X]	[ ]	METER BASE	[X]	[ ]
BOLLARDS	[X]	[ ]	METER	[ ]	[X]
TRANSFORMER CONNECTIONS	[X]	[ ]	METER GROUNDING	[X]	[ ]
ELECTRIC ROOM DOOR LOCK BOX (OBTAIN FROM POWER COMPANY)	[X]	[ ]			

NOTES:
1. CONTACT AND COORDINATE ALL REQUIREMENTS AND RESPONSIBILITIES WITH SERVING UTILITY COMPANIES PRIOR TO SUBMITTING BID.
2. ALL SERVICE INSTALLATION WORK SHALL BE IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF THE SERVING UTILITIES.

POWER UTILITY CONTACT:	TELEPHONE UTILITY CONTACT:	CABLE T.V. UTILITY CONTACT:
CHARLIE BEATTY CLARK PUBLIC UTILITIES OFFICE:(360) 992-8721 CELL: (360) 253-0261 EMAIL: CBEATTY@CLARKPUD.COM	MANDY STUBBLEFIELD CENTURYLINK PHONE:MANDY.STUBBLE EMAIL: FIELD@CENTURYLINK.COM	BOB MILLAR COMCAST PHONE:(360) 316-1128 EMAIL: BOB_MILLAR@COMCAST.COM

INTERFACE ENGINEERING, INC. HAS CONTACTED THE UTILITIES BUT HAS NOT RECEIVED IN WRITING THE FINAL REQUIREMENTS FROM CLARK PUBLIC UTILITIES, CENTURYLINK, COMCAST. THESE DRAWINGS INDICATE OUR BEST ESTIMATION OF THEIR REQUIREMENTS. PRIOR TO BID AND PRIOR TO ANY CONSTRUCTION CONTACT THE UTILITIES AND OBTAIN IN WRITING THEIR REQUIREMENTS.

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

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

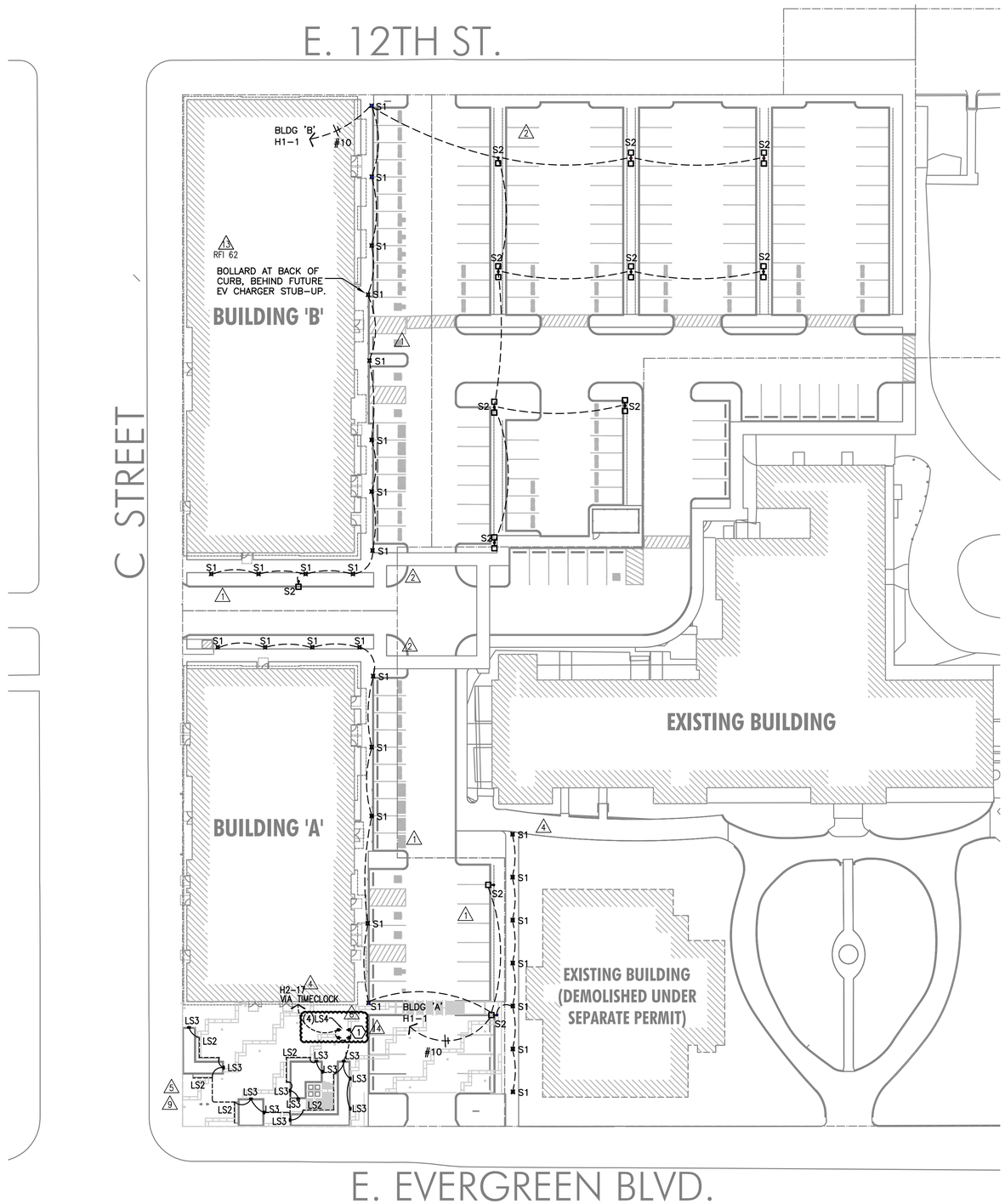
ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019

REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
E1.01



1 SITE LIGHTING PLAN
E1.02 SCALE: 1" = 30'-0"

GENERAL NOTES:

A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATION CODES.

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

C. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON SIEMENS PRODUCTS. ACTUAL PRODUCTS INSTALLED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE DOCUMENTED IN FINAL PROJECT DOCUMENTS.

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 SHEETS E1.11 & E1.14 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. CONTRACTOR SHALL REVIEW CLARK PUBLIC UTILITIES 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 CLARK PUBLIC UTILITES ELECTRICAL SERVICE REQUIREMENTS.

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

⬡ KEYED LIGHTING NOTES:

5 1. PROVIDE WEATHER PROOF J-BOX, FLUSH WITH GRADE, FOR FUTURE LIGHT INSTALLATION. REFER TO LANDSCAPING PLANS FOR ADDITIONAL INFORMATION.

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET:
E1.02

MFIA PANEL SCHEDULE

M										
panel: E1			mounting: SURFACE		location: BLDG 'A' 2nd Flr Rm 294			connected load amps: 52		
voltage: 120/208V			phase: 3		bus & main: 100A SCCR: 22K MLO			calculated load amps: 55		
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
	SPARE		20/1	1	*	2	20/1	1500	SMOKE DAMPERS - FLR 1	5
1	LIGHTS - BLDG EXTERIOR	500	20/1	3	*	4	20/1	1500	SMOKE DAMPERS - FLR 2&3	5
1	LIGHTS - FLR 1 EGRESS	542	20/1	5	*	6	20/1	1500	SMOKE DAMPERS - FLR 4&5	5
5	AREA OF REFUGE PANEL	500	20/1	7	*	8	20/1	1500	ELEVATOR PIT - LTS & PLUGS	2
1	LIGHTS - STAIR 1	266	20/1	9	*	10	20/1	1500	ELEVATOR CAD LIGHTS	1
1	LIGHTS - STAIR 2	266	20/1	11	*	12	20/1	1500	ELEVATOR CONTROLLER (OPT)	5
1	LIGHTS - FLR 2 & 3 EGRESS	282	20/1	13	*	14	20/1	0	SPARE	
1	LIGHTS - FLR 4, 5 & 6 EGRESS	1500	20/1	15	*	16	20/1	1176	SP-1 (ELEVATOR PIT)	6
1	LIGHTS - TERRACE	500	20/1	17	*	18	20/1	1500	ELEVATOR SMOKE CURTAINS	5
5	FACP	500	20/1	19	*	20	20/1	500	EMERGENCY GAS SHUT OFF	5
	SPARE	0	20/1	21	*	22	20/1	500	EMERGENCY GAS SHUT OFF	5
5	GENERATOR ANNUNCIATOR	500	20/1	23		24	20/1	500	RECEPT - ELEV MACH RM	2
	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	4782 VA			NOTES:				line-line voltage: 208	
	Phase B	6942 VA								
	Phase C	6808 VA							largest motor (va): 0	
	Total Connected	18532 VA								
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	282	3766		1308 VA		5356	1.25	6695	
	2. RECEPT.=	1500	0		500 VA		2000	1 + 0.5	2000	
	3. HEATING=	0	0		0 VA		0	1.00	0	
	4. KITCHEN=	0	0		0 VA		0	1.00	0	
	5. EQUIP.=	3000	2000		5000 VA		10000	1.00	10000	
	6. MOTORS=	0	1176		0 VA		1176	*	1176	
	7. MISC=	0	0		0 VA		0	1.00	0	
	(* 125% of the largest motor + 100% of the balance)							TOTAL =	19871	

MFIA PANEL SCHEDULE

H1										
panel: H1			mounting: SURFACE		location: BLDG 'A' 2nd Flr Rm 294			connected load amps: 160		
voltage: 120/208V			phase: 3		bus & main: 250A SCCR: 22K MLO			calculated load amps: 155		
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - SITE/PARKING	500	20/1	1	*	2	20/1	1080	RECEPT - FLR 1	2
1	LIGHTS - BLDG EXTERIOR	500	20/1	3	*	4	20/1	900	RECEPT - FLR 1	2
1	LIGHTS - FLR 1 (LOBBY DECOR)	814	20/1	5	*	6	20/1	1080	RECEPT - FLR 1 (E. LOBBY)	2
1	LIGHTS - FLR 1 (LOBBY & CORRID	407	20/1	7	*	8	20/1	1500	RECEPT - FLR 1 (PKG SYSTEM)	2
1	LIGHTS - FLR 1 (BOH)	464	20/1	9	*	10	20/1	1500	AUTO DOORS	5
5	BUILDING SIGNS	1500	20/1	11		12	20/1	1440	RECEPT - FLR 1	2
1	LIGHTS - FLR 2 & 3 (BOH)	566	20/1	13	*	14	20/1	1500	OH DOOR - TRASH ROOM	5
5	UNIT ENTRY SYSTEM	1500	20/1	15	*	16	20/1	720	RECEPT - FLR 4 (W. LOBBY)	2
1	LIGHTS - PLAZA	1500	20/1	17		18	20/1	500	PHONE BOARD	5
	SPARE	0	20/1	19	*	20	20/1	500	COMMUNICATIONS BOARD	5
2	RECEPT - FLR 2	1080	20/1	21	*	22	20/1	1500	ACCESS CONTROL SYSTEM	5
2	RECEPT - FLR 3	1080	20/1	23		24	20/1	500	EH-2 (N. STAIR)	3
2	RECEPT - MAINT. RM	1500	20/1	25	*	26	20/1	500	EH-4 (RISER RM)	3
2	SECURITY SYSTEM	1500	20/1	27	*	28	20/1	500	EH-2 (S. STAIR)	3
5	DAS SYSTEM	1500	20/1	29		30	20/1	500	EH-2 (E. VESTIBULE)	3
2	LEASE D&E (TEMP LTS & PLUGS)	1500	20/1	31	*	32	20/1	500	EH-2 (W. VESTIBULE)	3
2	LEASE B&C (TEMP LTS & PLUGS)	1500	20/1	33	*	34	20/1	228	LIGHTS - FLR 2 & 3 (CORRIDOR)	1
2	LEASE A (TEMP LTS & PLUGS)	1500	20/1	35		36	20/1	0	SPARE	
7	PANEL H2	8320	150/3	37	*	38	20/1	0	SPARE	
7	*	8054	*	39	*	40	20/1	0	SPARE	
7	*	7378	*	41		42	20/1	0	SPARE	
	Phase A	18373 VA			NOTES:				line-line voltage: 208	
	Phase B	19946 VA								
	Phase C	19292 VA							largest motor (va): 0	
	Total Connected	57611 VA								
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	1473	1192		2314 VA		4979	1.25	6224	
	2. RECEPT.=	5580	5700		5100 VA		16380	1 + 0.5	13190	
	3. HEATING=	1000	500		1000 VA		2500	1.00	2500	
	4. KITCHEN=	0	0		0 VA		0	1.00	0	
	5. EQUIP.=	2000	4500		3500 VA		10000	1.00	10000	
	6. MOTORS=	0	0		0 VA		0	*	0	
	7. MISC=	8320	8054		7378 VA		23752	1.00	23752	
	(* 125% of the largest motor + 100% of the balance)							TOTAL =	55666	

MFIA PANEL SCHEDULE

M1										
panel: M1			mounting: SURFACE		location: BLDG 'A' 2nd Flr Rm 292			connected load amps: 174		
voltage: 120/208V			phase: 3		bus & main: 250A (SCCR: 22K) MLO			calculated load amps: 174		
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
6	TRASH COMPACTOR	2100	40/3	1	*	2	50/3	3864	BP-1	6
6	*	2100	*	3	*	4	*	3864	*	6
6	*	2100	*	5	*	6	*	3864	*	6
6	TRASH COOMPACTOR	2100	40/3	7	*	8	20/3	1356	FC-1	6
6	*	2100	*	9	*	10	*	1356	*	6
6	*	2100	*	11	*	12	*	1356	*	6
3	WH-1,2 (GAS)	600	20/1	13	*	14	20/2	1500	EH-5 (TRASH RM)	3
6	RP-1	1176	20/1	15	*	16	*	1500	*	3
	SPARE	0	20/1	17	*	18	20/2	1500	EH-5 (BIKE RM)	3
3	EH-3 (TEMP)	1500	20/2	19	*	20	*	1500	*	3
3	*	1500	*	21	*	22	20/1	218	EF-3 (TRASH RM)	6
3	EH-3 (TEMP)	1500	20/2	23	*	24	20/1	1500	DRINKING FOUNTAIN	5
3	*	1500	*	25	*	26	20/1	500	IRRIGATION CONTROLS	5
3	EH-3 (TEMP)	1500	20/2	27	*	28	20/1	1500	RECEPT - DATA RM FLR 2	2
3	*	1500	*	29	*	30	20/1	600	WH-3,4 (GAS)	3
3	EH-3 (TEMP)	1500	20/2	31	*	32	20/1	1176	RP-2	6
3	*	1500	*	33	*	34	40/2		EV CHARGING STATION (FUTURE)	5
3	EH-3 (TEMP)	1500	20/2	35	*	36	*			
3	*	1500	*	37	*	38	20/1	1500	RECEPT - DATA RM FLR 2	2
3	EH-3 (TEMP)	1500	20/2	39	*	40	20/1			
3	*	1500	*	41	*	42	20/1	0	SPARE	
	Phase A	22196 VA			NOTES:				line-line voltage: 208	
	Phase B	21314 VA								
	Phase C	19020 VA							largest motor (va): 0	
	Total Connected	62530 VA								
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	0	0		0 VA		0	1.25	0	
	2. RECEPT.=	1500	1500		0 VA		3000	1 + 0.5	3000	
	3. HEATING=	9600	7500		8100 VA		25200	1.00	25200	
	4. KITCHEN=	0	0		0 VA		0	1.00	0	
	5. EQUIP.=	500	1500		1500 VA		3500	1.00	3500	
	6. MOTORS=	10596	10814		9420 VA		30830	*	30830	
	7. MISC=	0	0		0 VA		0	1.00	0	
	(* 125% of the largest motor + 100% of the balance)							TOTAL =	62530	

MFIA PANEL SCHEDULE

H2										
panel: H2			mounting: SURFACE		location: BLDG 'A' 5th Flr Rm 594			connected load amps: 66		
voltage: 120/208V			phase: 3		bus & main: 150A SCCR: 22K MLO			calculated load amps: 60		
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - FLR 4, 5, & 6	650	20/1	1	*	2	20/1	1080	RECEPT - 4TH FLR	2
1	LIGHTS - COMMUNITY RM	1000	20/1	3	*	4	20/1	1080	RECEPT - 5TH FLR	2
	SPARE		20/1	5	*	6	20/1	1300	RECEPT - COMMUNITY RM	2
1	LIGHTS - TERRACE	500	20/1	7	*	8	20/1	450	RECEPT - COMMUNITY RM	2
2	RECEPT - TERRACE	1080	20/1	9	*	10	20/1	500	RECEPT - COMMUNITY RM	2
2	RECEPT - TERRACE	1260	20/1	11	*	12	20/1	1200	RECEPT - COMMUNITY RM	2
2	RECEPT - TERRACE	1260	20/1	13	*	14	20/1	1500	RECEPT - COMMUNITY RM	2
5	A/V SYSTEM	1500	20/1	15	*	16	20/1	1650	RECEPT - COMMUNITY RM	2
2	RECEPT - ROOF	1080	20/1	17	*	18	20/1	360	RECEPT - COMMUNITY RM	2
5	COMMUNITY RM FIREPLACE	500	20/1	19	*	20	20/1	1080	RECEPT - COMMUNITY RM	2
5	LANDSCAPE LIGHTING	524	20/1	21	*	22	20/1	720	RECEPT - COMMUNITY RM	2
5	LANDSCAPE LIGHTING	1950	20/1	23	*	24	20/1	228	LIGHTS - FLR 4 & 5 (CORRIDOR)	1
5	LANDSCAPE LIGHTING	1300	20/1	25	*	26	20/1	0	SPARE	
	SPARE	0	20/1	27	*	28	20/1	0	SPARE	
	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	8320 VA			NOTES:				line-line voltage: 208	
	Phase B	8054 VA								
	Phase C	7378 VA							largest motor (va): 0	
	Total Connected	23752 VA								
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	1150	1000		228 VA		2378	1.25	2973	
	2. RECEPT.=	5370	5030		5200 VA		15600	1 + 0.5	12800	
	3. HEATING=	0	0		0 VA		0	1.00	0	
	4. KITCHEN=	0	0		0 VA		0	1.00	0	
	5. EQUIP.=	1800	2024		1950 VA		5774	1.00	5774	
	6. MOTORS=	0	0		0 VA		0	*	0	
	7. MISC=	0	0		0 VA		0	1.00	0	
	(* 125% of the largest motor + 100% of the balance)							TOTAL =	21547	

MFIA PANEL SCHEDULE

M2										
panel: M2			mounting: SURFACE		location: BLDG 'A' 5th Flr Rm 592			connected load amps: 212		
voltage: 120/208V			phase: 3		bus & main: 250A (SCCR: 42K) MLO			calculated load amps: 212		
C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
6	RTU-1	4920	50/3	1	*	2	30/2	2912	AC/OAC-1	6
6	*	4920	*	3	*	4	*	2912	*	6
6	*	4920	*	5	*	6	30/2	2912	AC/OAC-2	6
6	RTU-2	4920	50/3	7	*	8	*	2912	*	6
6	*	4920	*	9	*	10	20/1	1500	IRRIG. CONTROL (TERRACE)	5
6	*	4920	*	11	*	12	20/1	500	TERRACE FIREPLACE	5
6	EF-4 (RM 591 & 594)	115	20/1	13	*	14	50/3	3816	HP-1	6
6	EF-5	1176	20/1	15	*	16	*	3816	*	6
6	EF-6	1176	20/1	17	*	18	*	3816	*	6
6	EF-7	1176	20/1	19	*	20	30/2	2912	IHP/OHP-6	6
6	EF-8	718	20/2	21	*	22	*	2912	*	6
6	*	718	*	23	*	24	20/1	1500	RECEPT - DATA RM FL 3	2
6	EF-9	1176	20/1	25	*	26	20/1	1500	RECEPT - DATA RM FL 4	2
5	GAS APPLIANCES @ TERRACE	500	20/1	27	*	28	20/1	1500	RECEPT - DATA RM FL 5	2
	SPARE	0	20/1	29	*	30	20/1	1500	RECEPT - DATA RM FL 3	2
	BLANK			31	*	32	20/1	1500	RECEPT - DATA RM FL 4	2
	BLANK			33	*	34	20/1	1500	RECEPT - DATA RM FL 5	2
	BLANK			35	*	36			BLANK	
	BLANK			37	*	38			BLANK	
	BLANK			39	*	40			BLANK	
	BLANK			41	*	42			BLANK	
	Phase A	27859 VA			NOTES:				line-line voltage: 208	
	Phase B	26374 VA								
	Phase C	21962 VA							largest motor (va): 0	
	Total Connected	76195 VA								
	load code:	ph. A	ph. B		ph. C		total	factor	calculated load (va)	
	1. LIGHTS=	0	0		0 VA		0	1.25	0	
	2. RECEPT.=	3000	3000		3000 VA		9000	1 + 0.5	9000	
	3. HEATING=	0	0		0 VA		0	1.00	0	
	4. KITCHEN=	0	0		0 VA		0	1.00	0	
	5. EQUIP.=	0	2000		500 VA		2500	1.00	2500	
	6. MOTORS=	24859	21374		18462 VA		64695	*	64695	
	7. MISC=	0	0		0 VA		0	1.00	0	
	(* 125% of the largest motor + 100% of the balance)							TOTAL =	76195	

BUILDING 'A' PANEL SCHEDULES
1 / E1.13
SCALE: NONE

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

ROBERT L. CONNELL STATE OF WASHINGTON 30653 REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

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 # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET: E1.13

MFIA PANEL SCHEDULE

panel	mounting	location BLDG 'B'	connected load amps
E1	SURFACE	2nd Flr Rm 292	58

voltage	phase	bus & main			calculated load amps
120/208V	3	100A	SCCR: 22K)	MLO	61

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
	SPARE	0	20/1	1	*	2	20/1	1500	SMOKE DAMPERS - FLR 1 & 2	5
1	LIGHTS - BLDG EXTERIOR	500	20/1	3	*	4	20/1	1500	SMOKE DAMPERS - FLR 3 & 4	5
1	LIGHTS - STAIR 1	500	20/1	5	*	6	20/1	1500	SMOKE DAMPERS - FLR 5 & 6	5
1	LIGHTS - STAIR 2	500	20/1	7	*	8	20/1	1500	ELEVATOR PIT LTS & PLUGS	2
1	LIGHTS - FLR 1	673	20/1	9	*	10	20/1	1500	ELEVATOR CAD LIGHTS	1
1	LIGHTS - FLR 2 & 3	424	20/1	11	*	12	20/1	1500	ELEVATOR CONTROLLER (OPT)	5
1	LIGHTS - FLR 4 & 5	424	20/1	13	*	14	20/1	0	SPARE	
1	LIGHTS - FLR 6	212	20/1	15	*	16	20/1	1176	SP-1 (ELEVATOR PIT)	6
5	SMOKE CURTAIN	1500	20/1	17	*	18	20/1	500	GENERATOR BLOCK HEATER	3
5	SMOKE CURTAIN	1500	20/1	19	*	20	20/1	500	GENERATOR BATTERY CHARGER	5
5	AREA OF REFUGE PANEL	1500	20/1	21	*	22	20/1	500	RECEPT - ELEV MACHINE RM	2
5	FACP	500	20/1	23	*	24	20/1	0	SPARE	
5	DAS	500	20/1	25	*	26	20/1	0	SPARE	
5	GENERATOR ANNUNCIATOR	500	20/1	27	*	28	20/1	0	SPARE	
	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	6424 VA		208
Phase B	8061 VA		largest motor (va)
Phase C	6424 VA		0
Total Connected	20909 VA		

load code:	ph. A	ph. B	ph. C	total	factor	calculated load (va)
1. LIGHTS=	924	2885	924 VA	4733	1.25	5916
2. RECEPT.=	1500	500	0 VA	2000	1 + 0.5	2000
3. HEATING=	0	0	500 VA	500	1.00	500
4. KITCHEN=	0	0	0 VA	0	1.00	0
5. EQUIP.=	4000	3500	5000 VA	12500	1.00	12500
6. MOTORS=	0	1176	0 VA	1176	*	1176
7. MISC=	0	0	0 VA	0	1.00	0
(* 125% of the largest motor + 100% of the balance)				TOTAL =		22092

MFIA PANEL SCHEDULE

panel	mounting	location BLDG 'B'	connected load amps
H1	SURFACE	FLR 1 RM 198	130

voltage	phase	bus & main			calculated load amps
120/208V	3	250A	(SCCR: 22K)	MLO	112

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - SITE/PARKING	1440	20/1	1	*	2	20/1	900	RECEPT - FLR 1	2
1	LIGHTS - BLDG EXTERIOR	500	20/1	3	*	4	20/1	900	RECEPT - FLR 1 (E. LOBBY)	2
1	LIGHTS - FLR 1 (LOBBY)	1032	20/1	5		6	20/1	1500	RECEPT - FLR 1 (OFFICE) *	2
1	LIGHTS - FLR 1 (CORRIDOR)	241	20/1	7	*	8	20/1	1500	RECEPT - FLR 1 (OFFICE)	2
1	LIGHTS - FLR 1 (BOH)	1169	20/1	9	*	10	20/1	1080	RECEPT - FLR 1	2
1	LIGHTS - UNIT ENTRIES	500	20/1	11	*	12	20/1	1080	RECEPT - FLR 1	2
1	LIGHTS - FLR 2 & 3 (BOH)	698	20/1	13	*	14	20/1	1260	RECEPT - FLR 1 (W. LOBBY)	2
1	LIGHTS - FLR 2 & 3 (CORRIDOR)	370	20/1	15	*	16	20/1	1500	RECEPT - FLR 1 (FITNESS)	2
5	OH DOOR - TRASH ROOM	1500	20/1	17		18	20/1	1500	RECEPT - FLR 1 (FITNESS)	2
5	PUBLIC ENTRY SYSTEM	1500	20/1	19	*	20	20/1	1500	RECEPT - FLR 1 (FITNESS)	2
2	RECEPT - FLR 2	1080	20/1	21	*	22	20/1	1500	RECEPT - FLR 1 (PKG SYSTEM)	
2	RECEPT - FLR 3	1080	20/1	23		24	20/1	1500	BUILDING SIGNS	5
3	EH-2 (N. STAIR)	500	20/1	25	*	26	20/1	1500	DRINKING FOUNTAIN	5
3	EH-2 (S. STAIR)	500	20/1	27	*	28	20/1	0	SPARE	
3	EH-4 (RISER)	500	20/1	29	*	30	20/1	0	SPARE	
5	A/V SYSTEM	1500	20/1	31	*	32	20/1	1500	RECEPT - MAINT. RM	2
5	FIREPLACE	500	20/1	33	*	34	20/1	1500	RECEPT - SECURITY	2
1	LTS & PLUGS (TEMP)	1500	20/1	35		36	20/1	1500	WALL FANS - FITNESS RM	5
5	DAS SYSTEM	1500	20/1	37	*	38	20/1	1500	WALL FANS - FITNESS RM	5
2	RECEPT - FITNESS	1500	20/1	39	*	40	20/1	1500	RECEPT - FITNESS	2
2	RECEPT - FITNESS	1500	20/1	41	*	42	20/1	1500	RECEPT - FITNESS	2

		NOTES:	line-line voltage
Phase A	17039 VA		208
Phase B	13599 VA	* RECEPTACLES CONTROLLED VIA OCC SENSOR	largest motor (va)
Phase C	16192 VA		0
Total Connected	46830 VA		

load code:	ph. A	ph. B	ph. C	total	factor	calculated load (va)
1. LIGHTS=	2379	2039	3032 VA	7450	1.25	9313
2. RECEPT.=	6660	9060	8160 VA	23880	1 + 0.5	16940
3. HEATING=	500	500	500 VA	1500	1.00	1500
4. KITCHEN=	0	0	0 VA	0	1.00	0
5. EQUIP.=	7500	500	4500 VA	12500	1.00	12500
6. MOTORS=	0	0	0 VA	0	*	0
7. MISC=	0	0	0 VA	0	1.00	0
(* 125% of the largest motor + 100% of the balance)				TOTAL =		40253

MFIA PANEL SCHEDULE

panel	mounting	location BLDG 'B'	connected load amps
M1	SURFACE	ELECT. RM 198	178

voltage	phase	bus & main			calculated load amps
120/208V	3	250A	(SCCR: 22K)	MLO	178

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
6	TRASH COMPACTOR	2100	40/3	1	*	2	50/3	3864	BP-1	6
6	*	2100	*	3	*	4	*	3864	*	6
6	*	2100	*	5	*	6	*	3864	*	6
6	TRASH COMPACTOR	2100	40/3	7	*	8	20/3	1356	FC-1	6
6	*	2100	*	9	*	10	*	1356	*	6
6	*	2100	*	11		12	*	1356	*	6
3	WH-1,2 (GAS)	600	20/1	13	*	14	20/1	600	WH-3,4 (GAS)	3
6	RP-1	1176	20/1	15	*	16	20/1	1176	RP-2	6
5	EV CHARGING (FUTURE)		40/2	17		18	20/1	500	IRRIGATION CONTROLS	5
5	*		*	19	*	20	20/1	1500	AUTO DOORS	5
5	EV CHARGING (FUTURE)		40/2	21	*	22	20/1	1000	PHONE & COMM BOARDS	5
5	*		*	23	*	24	20/1	500	ACCSESS CONTROL	5
5	EV CHARGING (FUTURE)		40/2	25	*	26	20/3	1500	EH-5 (BIKE RM)	3
5	*		*	27	*	28	*	1500	*	3
2	RECEPT - DATA RM FLR 2	1500	20/1	29	*	30	*	1500	*	3
2	RECEPT - DATA RM FLR 2	1500	20/1	31	*	32	20/3	1500	EH-5 (TRASH RM)	3
	SPARE		20/1	33	*	34	*	1500	*	3
3	SF-1	6085	60/2	35		36	*	1500	*	3
3	*	6085	*	37	*	38	20/1	135	EF-4	6
3	EH-3 (TEMP)	1500	20/2	39	*	40	20/1	1500	BUILDING SIGNS	5
3	*	1500	*	41	*	42	20/1	0	SPARE	

		NOTES:	line-line voltage
Phase A	22840 VA		208
Phase B	18772 VA		largest motor (va)
Phase C	22505 VA		0
Total Connected	64117 VA		

load code:	ph. A	ph. B	ph. C	total	factor	calculated load (va)
1. LIGHTS=	0	0	0 VA	0	1.25	0
2. RECEPT.=	1500	0	1500 VA	3000	1 + 0.5	3000
3. HEATING=	10285	4500	10585 VA	25370	1.00	25370
4. KITCHEN=	0	0	0 VA	0	1.00	0
5. EQUIP.=	1500	2500	1000 VA	5000	1.00	5000
6. MOTORS=	9555	11772	9420 VA	30747	*	30747
7. MISC=	0	0	0 VA	0	1.00	0
(* 125% of the largest motor + 100% of the balance)				TOTAL =		64117

MFIA PANEL SCHEDULE

panel	mounting	location BLDG 'B'	connected load amps
M2	SURFACE	FLR 5 RM 592	241

voltage	phase	bus & main			calculated load amps
120/208V	3	250A	(SCCR: 22K)	MLO	233

C	service	va	a/p	no.	a b c	no.	a/p	va	service	C
1	LIGHTS - FLR 4 & 5	698	20/1	1	*	2	20/1	1080	RECEPT - FLR 4	2
1	LIGHTS - FLR 6	349	20/1	3	*	4	20/1	1080	RECEPT - FLR 5	2
6	EF-5	696	20/1	5		6	20/1	1080	RECEPT - FLR 6	2
6	IAC/OAC-1	2912	30/3	7	*	8	30/3	2912	IAC/OAC-2	6
6	*	2912	*	9	*	10	*	2912	*	6
1	LIGHTS - FLR 4,5 & 6 (CORRIDOR)	555	20/1	11		12	20/1	1080	RECEPT - ROOF	2
2	RECEPT - DATA RM FLR 3	1500	20/1	13	*	14	50/3	3816	HP-1	6
2	RECEPT - DATA RM FLR 3	1500	20/1	15	*	16	*	3816	*	6
	SPARE	0	20/1	17		18	*	3816	*	6
6	RTU-1	8592	90/3	19	*	20	50/3	3720	RTU-2	6
6	*	8592	*	21	*	22	*	3720	*	6
6	*	8592	*	23		24	*	3720	*	6
6	EF-8	1176	20/1	25	*	26	20/2	718	EF-12	6
6	EF-9	718	20/2	27	*	28	*	718	*	6
6	*	718	*	29	*	30	20/1	1176	EF-13	6
6	EF-10	1176	20/1	31	*	32	20/1	500	EF-7 (X3) (RM 694 & 695)	6
6	EF-11	1176	20/1	33	*	34	20/1	1500	RECEPT - DATA RM FLR 6	2
2	RECEPT - DATA RM FLR 4	1500	20/1	35		36	20/1	1500	RECEPT - DATA RM FLR 6	2
2	RECEPT - DATA RM FLR 4	1500	20/1	37	*	38			BLANK	
2	RECEPT - DATA RM FLR 5	1500	20/1	39	*	40			BLANK	
2	RECEPT - DATA RM FLR 5	1500	20/1	41		42			BLANK	

		NOTES:	line-line voltage
Phase A	30300 VA		208
Phase B	30493 VA		largest motor (va)
Phase C	25933 VA		0
Total Connected	86726 VA		

load code:	ph. A	ph. B	ph. C	total	factor	calculated load (va)
1. LIGHTS=	698	349	555 VA	1602	1.25	2003
2. RECEPT.=	4080	5580	6660 VA	16320	1 + 0.5	13160
3. HEATING=	0	0	0 VA	0	1.00	0
4. KITCHEN=	0	0	0 VA	0	1.00	0
5. EQUIP.=	0	0	0 VA	0	1.00	0
6. MOTORS=	25522	24564	18718 VA	68804	*	68804
7. MISC=	0	0	0 VA	0	1.00	0
(* 125% of the largest motor + 100% of the balance)				TOTAL =		83967

1 / E1.16 BUILDING 'B' PANEL SCHEDULES
SCALE: NONE

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019

REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS MIXED-USE DEVELOPMENT

312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

MFIA 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

SHEET: E1.16

LIGHTING FIXTURE LIST

	TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
9	A1 A1E	LED 3000K 2000LM/80CRI 28W	LITHONIA (OR APROVED OTHER)	CSS L48 ALO3 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, LEASE SPACE
	A2	LED 4000K 5000LM/80CRI 49W	LITHONIA (OR APROVED OTHER)	XVML L48SERIES	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	LED 3000K 3000LM/80CRI 2 25W	LITHONIA (OR APROVED OTHER)	BLWP4 30L 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 3000LM/80CRI 20W	LITHONIA (OR APROVED OTHER)	CLXL48 SERIES	TYPE :4' WRAP AROUND MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :WIDE DIFFUSED VOLTAGE :MVOLT BALLAST :LED DRIVER	WIDE DISTRIBUTION STANDARD OUTPUT BIKE ROOM
	B3	LED 3000K 2000LM/80CRI 28W	LITHONIA (OR APROVED OTHER)	CSS L48 ADPT SERIES 9	TYPE :3' WRAP AROUND MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :WIDE DIFFUSED VOLTAGE :MVOLT BALLAST :LED DRIVER	STANDARD OUTPUT ELEVATOR MACHINE ROOM
1	C1a/b	LED 3000K/90CRI 1 127LM/FT 3 2W/FT	ECOSENSE (OR APROVED OTHER)	TROV L35I SERIES	TYPE :LED COVE LIGHT MOUNTING :SURFACE (IN COVE) HOUSING :ALUMINUM LENS/REFL :CLEAR POLYCARBONATE/SNAP ON VOLTAGE :MVOLT BALLAST :LED DRIVER (0-10 DIMMING-ELV)	C1a = 2FT LENGTH C1b = 4FT LENGTH MAIN LOBBY 2
9	C2	LED 600LM/80CRI 3000K 10W	COOPER LIGHTING (OR APPROVED OTHER)	SMD4R12 SERIES	TYPE :4" DIA. DOWNLIGHT MOUNTING :SURFACE (J-BOX) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	WHITE TRIM UL LISTED DAMP LOCATION RESTROOMS, DOG WASH
	C3	LED 1200LM/80CRI 3000K 15W	COOPER LIGHTING (OR APPROVED OTHER)	SMD6R12 SERIES	TYPE :4" DIA. DOWNLIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC/CLEAR DIFFUSE VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	WHITE TRIM OR ARHITECT LOBBY, CORRIDORS
	C4	LED 1500LM/80CRI 3000K 16W	COOPER LIGHTING (OR APPROVED OTHER)	LCR6159F SERIES HL6RSMF	TYPE :5" DIA. DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC/CLEAR DIFFUSE VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	IC RATED WHITE TRIM CORRIDORS
1	C5	LED 650LM/80CRI 3000K 10W	COOPER LIGHTING (OR APPROVED OTHER)	HLA406FL SERIES	TYPE :4" DIA. ADJ.DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	IC RATED FIELD AIM PER ARCHITECT'S DIRECTION WHITE TRIM LOBBY, CORRIDOR

2

LIGHTING FIXTURE LIST - DECORATIVE

	TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
2 1	LF1	LED 330LM/FT 3000K 3W/FT	KELVIX (OR APPROVED OTHER)	PH30K 24V W/ CH409 CHANNEL	TYPE :UNDER CABINET LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM CHANNEL LENS/REFL :WHITE ACRYLIC LENS VOLTAGE :24V BALLAST :LED DRIVER 0-10 DIMMING	TAPE & CHANNEL TO MOUNT AT UNDER-SIDE OF SHELF. CONSULT WITH INTERIOR DECORATOR'S DETAILS AND COORDINATE INSTALLATION. COFFEE BAR, COMMUNITY RM
	LF2	LED 3000K/90CRI 5040LM 56W	KUZCO (OR APROVED OTHER)	EEREIE PD19347 SERIES	TYPE :LINEAR PENDANT MOUNTING :SUSPENDED HOUSING :ALUMINUM LENS/REFL :OPAL SILICON VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING/ELV)	FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR MAIL ROOMS
1	LF3		NOT USED		TYPE : MOUNTING : HOUSING : LENS/REFL : VOLTAGE : BALLAST :	
	LF4	LED 3000K 850LM/90CRI 9W	USAI LIGHTING (OR APROVED OTHER)	B3RDM SERIES	TYPE :3" DIA DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :SOLITE VOLTAGE :MVOLT BALLAST :LED DRIVER (0-10 DIMMING)	45 DEGREE BEAM SPREAD PROVIDE WITH USAI POWER SUPPLY BLACK BEVEL TRIM & MILLWORK FLANGE IC RATED BLDG A COFFEE BAR
	LF5	(8) JCD/G9 LED 3000K/80CRI 24W	ARTCRAFT LIGHTING (OR APROVED OTHER)	AC11188 SERIES	TYPE :LARGE PENDANT MOUNTING :SUSPENDED HOUSING : LENS/REFL : VOLTAGE :120V BALLAST :LED DRIVER (0/10 DIMMING)	FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR BLDG B LOBBY
9	LF6	(1) LED LAMP (MED. BASE) 3000K/80CRI 15W	CREATIVE SYSTEMS LTG (OR APROVED OTHER)	LP2102730 SERIES	TYPE :MINI PENDANT MOUNTING :SUSPENDED HOUSING :UNKNOWN LENS/REFL :N/A VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	BLACK PATINE FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR. BLDG B LOUNGE
	LF7	(1) G9 LED 3000K 220LM/80CRI 4W	ANDLight (OR APROVED OTHER)	ORB-P SERIES	TYPE :PENDANT MOUNTING :SUSPENDED HOUSING :STEEL WIRE LENS/REFL :ETCHED GLASS VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	BLACK FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR RESTROOM
	LF8	(3) LED LAMPS (MED. BASE) 3000K/80CRI 225W	TROY LIGHTING (OR APROVED OTHER)	HENDRIX F6886 SERIES	TYPE :CHANDELIER MOUNTING :SUSPENDED HOUSING :UNKNOWN LENS/REFL :N/A VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	BLACK IRON FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR BLDG A CLUBROOM
	LF9	(1) GU10 LED 3000K/80CRI 9W	RESTORATION HARDWARE (OR APROVED OTHER)	ORBITER II 68830997 SERIES	TYPE :SCONCE MOUNTING :SURFACE HOUSING :UNKNOWN LENS/REFL :N/A VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING)	BRONZE FINISH PER MOUNTING HEIGHT PER INTERIOR DECORATOR BLDG A CLUBROOM
1	LF10		NOT USED		TYPE : MOUNTING : HOUSING : LENS/REFL : VOLTAGE : BALLAST :	
	LF11	LED 3000K/90CRI 780LM 13W	KUZCO LIGHTING (OR APROVED OTHER)	WSB3218 SERIES	TYPE :SCONCE MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :OPAL GLASS VOLTAGE :120V BALLAST :LED DRIVER (DIMMING)	VERIFY ADA COMPLIANT BLACK FINISH PER INTERIOR DECORATOR MOUNTING HEIGHT PER INTERIOR DECORATOR TYPICAL UNIT ENTRY
2 1	LF12	LED 3000K/80CRI 8 500LM/FT 9.4W/FT	NULITE (OR APROVED OTHER)	RP14-B-FF SERIES	TYPE :8FT DIRECT/INDIRECT LINEAR MOUNTING :SUSPENDED HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0-10 DIMMING)	60% DOWN-40% UP DISTRIBUTION MOUNT AT 10FT AFF TO BOTTOM OF FIXTURE. STANDARD WHITE FINISH BIKE ROOMS BLDG B FITNESS ROOM
	LF13		NOT USED		TYPE : MOUNTING : HOUSING : LENS/REFL : VOLTAGE : BALLAST :	
	LF14	LED 3000K/80CRI 1300LM 16W	KUZCO (OR APROVED OTHER)	FM11410 SERIES	TYPE :9" DIA DOWNLIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYYLIC VOLTAGE :120V BALLAST :LED DRIVER (0-10 DIMMING/ELV)	BLACK FINISH PER INTERIOR DECORATOR BLDG A WOOD CEILINGS
1	LF15		NOT USED		TYPE : MOUNTING : HOUSING : LENS/REFL : VOLTAGE : BALLAST :	
	LF16	(1) G9 LED (WEDGE BASE) 3000K/80CRI 13W	HUDSON VALLEY LIGHTING (OR APROVED OTHER)	8701-AGB SERIES	TYPE :WALL SCONCE MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :GLASS VOLTAGE :120V BALLAST :LED DRIVER (DIMMING)	FINISH PER INTERIOR DECORATOR. MOUNTING HEIGHT PER INTERIOR DECORATOR. BLDG A LOBBY, CLUB RM/BLDG B LOBBY

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.

1 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.

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

2 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 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.

⬡ KEYED LIGHTING NOTES:

1. CONTRACTOR TO DETERMINE FIXTURE LENGTH BASED ON ARCHITECTURAL REFLECTED CEILING PLANS AND ELECTRICAL LIGHTING PLANS. DESIGN INTENT IS FOR THE FIXTURE TO RUN THE ENTIRE LENGTH OF THE "COVE" TO PROVIDE EVEN LIGHT DISTRIBUTION.

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

1 3. MAXIMUM RUN LENGTH FOR SPECIFIED COVE LIGHT FIXTURE IS (186) 4FT UNITS. MULTIPLE RUNS SHALL BE CIRCUITED AS NOTED ON THE PLANS. CONTRACTOR SHALL PROVIDE THE APPROPRIATE MOUNTING AND CONNECTING HARDWARE PER MANUFACTURER'S REQUIREMENTS. CONSULT VENDOR FOR ADDITIONAL INSTALLATION INFORMATION.

2 4. CONTRACTOR TO PROVIDE ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL. 24V FIXTURE TRANSFORMER/POWER SUPPLY TO BE LOCATED IN THE CABINET BELOW THE SHELVING.

5. CONTRACTOR TO PROVIDE SINGLE POLE DIMMER SWITCHES AS INDICATED ON SHEETS E4.01-E4.03. DIMMER SWITCHES SHALL MATCH THE DECORATOR TYPE ROCKER SWITCH SPECIFIED IN THE TYPICAL UNIT LIGHTING PLANS OR AS DIRECTED BY THE OWNER. DIMMER SWITCHES SHALL BE COMPATIBLE WITH THE LED LIGHT FIXTURES AND SHALL BE FULLY ADJUSTABLE. CONTRACTOR SHALL FIELD ADJUST TO REDUCE ANY MOMENTARY FLASH DURING START UP.

6. PROVIDE BLOCKING AT CEILING TO SUPPORT 35LB., MINIMUM, FOR CEILING FAN INSTALLATION. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR ADDITIONAL INFORMATION AND REQUIREMENTS. PROVIDE FIXTURE CONTROL SWITCH(ES) AS DIRECTED BY MANUFACTURER.

7. PROVIDE WITH WEATHER PROOF J-BOX FOR SOIL CONTACT.

1 8. VERIFY MOUNTING HEIGHT OF FIXTURES IS NOT IN CONFLICT WITH ROOM EQUIPMENT.

2 9. BOLLARD LIGHTS ALONG THE BUILDING WALKWAYS SHALL BE INSTALLED SUCH THAT ANY PROJECTION FACES AWAY FROM THE BUILDING.

4 10. LED TAPE & CHANNEL LIGHTS AT EXTERIOR PLAZA SHALL BE MOUNTED AS DIRECTED BY THE LANDSCAPE ARCHITECT. CONTRACTOR TO PROVIDE ALL REQUIRED COMPONENTS FOR COMPLETE INSTALL.

5 11. CONTRACTOR TO SUPPLY AND INSTALL BACK-LIT VANITY MIRROR. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT AND SIZE OF THE BACK-LIT VANITY MIRROR FOR EACH UNIT TYPE. MIRROR TO BE HARDWIRED INTO A RECESSED J-BOX. CONSULT ARCHITECT FOR ANY ADDITIONAL INFORMATION REGARDING THESE FIXTURES.

14 12. FIXTURE TYPE S9 TO BE MOUNTED BEHIND EXTERIOR ART INSTALLATION. CONTRACTOR SHALL CONSULT WITH THE OWNER FOR EXACT QUANTITY & LENGTHS OF FIXTURE, AND EXACT LOCATIONS FOR THE FIXTURE MOUNTING PRIOR TO PURCHASE AND ROUGH IN. CONTRACTOR SHALL PROVIDE ALL COMPONENTS FOR A COMPLETE INSTALL. REFER TO EXTERIOR ELEVATION DETAILS FOR MORE INFORMATION.

MFIA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0546
FAX: (503) 234-0677
WWW.MFIA-ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
E1.21

LIGHTING FIXTURE LIST – SITE & EXTERIOR

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
LS1 ⑦	LED 3000K 100LM 3W	DALS LIGHTING (OR APROVED OTHER)	LEDSTEP005D SERIES	TYPE :STEP LIGHT (+10" AFF) MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER (DIMMING)	VERIFY UL LISTED FOR WET LOCATION FINISH PER ARCHITECT. VERIFY EXACT LOCATION WITH LANDSCAPE DESIGNER PRIOR TO ROUGH IN. ROOF TERRACE
4 LS2 ⑩	LED 3000K 500LM/FT 5W/FT	JESCO LIGHTING (OR APROVED OTHER)	DL–AC–FLEX SERIES DL–AC–FLEX2–HW08 DL–AC–FLEX2–UT–CH6M12 DL	TYPE :LED COVE LIGHT MOUNTING :SURFACE (CHANNEL) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :120V BALLAST :LED DRIVER (DIMMING)	MOUNT UNDER COUNTER TOP EDGE. VERIFY EXACT LENGTH BEFORE ORDERING. VERIFY EXACT LOCATION WITH LANDSCAPE DESIGNER PRIOR TO ROUGH IN. UL LISTED FOR WET LOCATION ROOF TERRACE
2 LS3	LED 3000K 342LM 8W	BEGA LIGHTING (OR APROVED OTHER)	33–054 SERIES	TYPE :LED STEP LIGHT MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :120V BALLAST :LED DRIVER	VERIFY EXACT LENGTH BEFORE ORDERING. VERIFY EXACT LOCATION AND MOUNTING WITH LANDSCAPE DESIGNER PRIOR TO ROUGH IN. UL LISTED FOR WET LOCATION ROOF TERRACE, PLAZA
1A LS4	LED 3000K 11W	TARGETTI LIGHTING (OR APROVED OTHER)	KPLM–41 SERIES	TYPE :ADJ. GIMBLE FEATURE LIGHT MOUNTING :RECESSED (IN–GROUND) HOUSING :ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :120V BALLAST :LED DRIVER	VERIFY TRIM & BEAM SPREAD WITH ARCHITECT. COORDINATE WITH ART INSTALLER FOR FIELD ADJUSTMENT. UL LISTED FOR WET LOCATION PLAZA
9 2 1 S1 ⑨	LED 3000K 1000LM 12W	KUZCO LIGHTING (OR APROVED OTHER)	EB3036 SERIES	TYPE :36" BOLLARD LIGHT MOUNTING :AT GRADE HOUSING :ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	PROVIDE WITH PHOTOCELL, EITHER INTAGRAL OR REMOTE. 2 TYPE II DISTRIBUTION. MOUNT PER MFR'S REQUIREMENTS UL LISTED WET LOCATION/VERIFY ADA BUILDING WALKWAYS
1 S2	LED 3000K 5500LM 51W	LITHONIA LIGHTING (OR APROVED OTHER)	RSX1 LED P1 SERIES	TYPE :AREA LIGHT (SINGLE/TWIN HEAD) MOUNTING :POLE MOUNT (+20'–0") HOUSING : LENS/REFL : VOLTAGE :MVOLT BALLAST :LED DRIVER	TYPE III MEDIUM DISTRIBUTION INTEGRAL PHOTOCELL PARKING AREA
1 S3a	LED 3000K 975LM 14W	USAI LIGHTING (OR APROVED OTHER)	BEVELED 1020 SERIES	TYPE :4.5" DIA. DOWNLIGHT MOUNTING :RECESSED HOUSING :ALUMINUM LENS/REFL :SOLITE VOLTAGE :MVOLT BALLAST :LED DRIVER	UL LISTED WET LOCATION CUSTOM FINISH TO MATCH METAL SOFFIT BLACK OR BRONZE FINISH PER ARCHITECT MAIN BUILDING ENTRANCES
9 2 2 S3b	LED 3000K 650LM 11W	LUMENART LIGHTING (OR APROVED OTHER)	AWL18 SERIES	TYPE :EXTERIOR SCONCE MOUNTING :SURFACE (+8'–0" AFG) HOUSING :ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	20 DEGREE BEAM ANGLE. FIXTURE SHALL BE DOWNLIGHT ONLY. FIXTURES LOCATED AT ROOF TERRACE MOUNT AT 7'–0" AFF. BLACK OR BRONZE FINISH PER ARCHITECT BUILDING EXTERIOR, ROOF TERRACE
S4	LED 3000K 1000LM 14W	COOPER LIGHTING (OR APROVED OTHER)	SMD6R SERIES	TYPE :6" DIA. DOWNLIGHT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER	WHITE FINISH UL LISTED WET LOCATION BUILDING EXTERIOR
S5	LED 3000K 2450LM 22W	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
S6	LED 3000K 1000LM 15W	ALCON LIGHTING (OR APROVED OTHER)	11235 DIR–15 SERIES	TYPE :5" DIA EXTERIOR CYLINDER MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :CLEAR TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	60 DEGREE WIDE FLOOD UL LISTED WET LOCATION ROOF TERRACE
S7	LED 3500K 1000LM 10W	EMERGENSEE LIGHTING (OR APROVED OTHER)	SEEUE SERIES	TYPE :EXTERIOR EMERGENCY LIGHT MOUNTING :MULLION MOUNTED HOUSING :ALUMINUM LENS/REFL : VOLTAGE :MVOLT BALLAST :LED DRIVER	DARK BRONZE FINISH PER ARCHITECT UL LISTED WET LOCATION LEASE SPACE STOREFRONT
1A S8	LED 3000K 3400LM 17W/FT	INSIGHT LIGHTING (OR APROVED OTHER)	ME–HO–30K SERIES	TYPE :LINEAR SIGN LIGHTER MOUNTING :SURFACE (VERIFY HEIGHT) HOUSING :ALUMINUM LENS/REFL :TEMPERED GLASS VOLTAGE :MVOLT BALLAST :LED DRIVER	VERIFY FIXTURE LENGTH, QUANTITY, FINISH, LENS AND BEAM SPREAD WITH THE OWNER. UL LISTED WET LOCATION BUILDING EXTERIOR
S9	LED 3000K 700LM/FT 5.3W/FT	KELVIX LIGHTING (OR APROVED OTHER)	502–O SERIES W/ CH–502 CHANNEL	TYPE :LED TAPE & CHANNEL MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :24VOLT BALLAST :LED DRIVER	REFER TO KEYED NOTE #12 ON SHEET E1.21. CONTRACTOR TO PROVIDE ALL COMPONENTS FOR COMPLETE INSTALL UL LISTED WET LOCATION BUILDING EXTERIOR

LIGHTING NOTES:

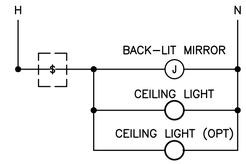
A. REFER TO SHEET E1.21 FOR ADDITIONAL LIGHTING AND KEYED NOTES.

LIGHTING FIXTURE LIST – EXITING

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
'X1'	LED (GREEN LETTERS) (1.5W)	LITHONIA (OR APROVED OTHER)	EXG LED EL SERIES 9	TYPE :EXIT SIGN MOUNTING :UNIVERSAL HOUSING :DIE–CAST ALUMINUM LENS/REFL :SINGLE FACE/DUAL FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	
X2		NOT USED		TYPE : MOUNTING : HOUSING : LENS/REFL : VOLTAGE : BALLAST :	
'X3'	LED (GREEN LETTERS) (3.5W)	LITHONIA (OR APROVED OTHER)	WLTE EL SERIES BLACK FINISH 9	TYPE :EXIT SIGN MOUNTING :UNIVERSAL HOUSING :DIE–CAST ALUMINUM LENS/REFL :SINGLE FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	UL LISTED WET LOCATION
'X4'	LED (GREEN LETTERS) (1.5W)	LITHONIA (OR APROVED OTHER)	EDGR 1 GMR EL SERIES 9	TYPE :EXIT SIGN MOUNTING :RECESSED HOUSING :DIE–CAST ALUMINUM LENS/REFL :SINGLE FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	MOUNTED CENTERED ABOVE DOOR UNLESS OTHERWISE NOTED.
'X5'	LED (GREEN LETTERS) (3.5W)	EATON (OR APROVED OTHER)	EUX SERIES	TYPE :EXIT SIGN MOUNTING :SURFACE HOUSING :DIE–CAST ALUMINUM LENS/REFL :SINGLE FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	SURFACE MOUNT AT STOREFRONT MULLION
'X6'	LED (GREEN LETTERS) (3.5W)	EATON (OR APROVED OTHER)	EUX SERIES	TYPE :EXIT SIGN MOUNTING :SURFACE HOUSING :DIE–CAST ALUMINUM LENS/REFL :SINGLE/DOUBLE FACE VOLTAGE :MVOLT BALLAST :NICKLE CADMIUM BATTERY	SURFACE MOUNT AT CEILING

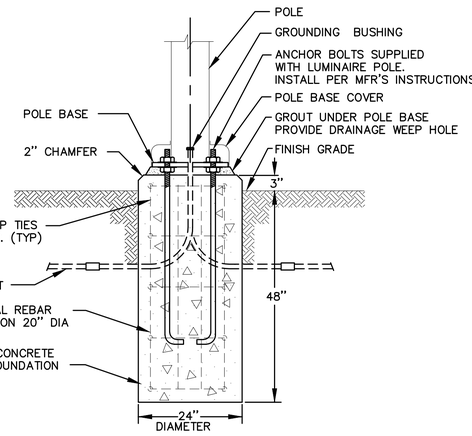
LIGHTING FIXTURE LIST – TYPICAL LIVING UNITS

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
9 U1 ⑤	LED 600 LM 3000K 10W	COOPER LIGHTING (OR APPROVED OTHER)	SMD4 SERIES	TYPE :4" DIA. DOWNLIGHT MOUNTING :SURFACE (J–BOX) HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (DIMMING)	FINISH PER ARCHITECT. 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	CHROME FINISH UNIT DINING
U3	LED 3000K 200LM 5W	COOPER LIGHTING (OR APROVED OTHER)	HU119D9SP SERIES	TYPE :UNDER CABINET LIGHT MOUNTING :SURFACE HOUSING :ALUMINUM LENS/REFL :ACRYLIC VOLTAGE :24V BALLAST :LED DRIVER	WHITE FINISH UNIT KITCHEN
1 U4 ⑥	LED 1200LM/90CRI 3000K 35W	ROYAL PACIFIC (OR APROVED OTHER)	1097 SERIES	TYPE :52" CEILING FAN W/ LIGHT KIT MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :120V BALLAST :LAMP W/INTEGRAL LED DRIVER	WHITE FINISH PROVIDE BRACING AT CEILING TO SUPPORT A MINIMUM OF 35 LBS. PROVIDE W/ MODEL #WC2WH CONTROL SWITCH UNIT BEDROOM
5 U5 ⑪	LED 2400LM 3000K 29W	KUZCO LIGHTING (OR APROVED OTHER)	VL61224 SERIES	TYPE :24" VANITY LIGHT MOUNTING :SURFACE (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :120V BALLAST :INTEGRAL LED DRIVER	REFER TO ARCHITECTURAL ELEVATIONS FOR EXACT LOCATION/MOUNTING HEIGHT. FINISH PER ARCHITECT. UNIT BATHROOM

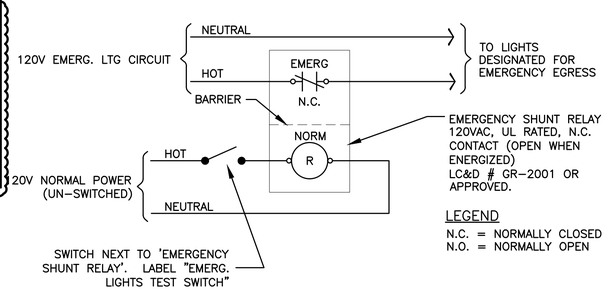


BATHROOM WITH CEILING LIGHT(S)
& BACK–LIT MIRROR

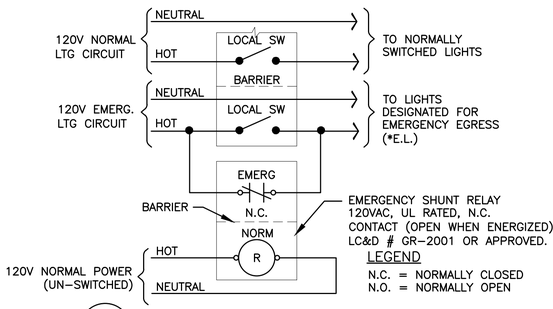
1 / E1.22 BATHROOM SWITCHING DIAGRAMS – TYPICAL
NO SCALE



2 / E1.22 TYPICAL POLE BASE DETAIL
NO SCALE



3 / E1.22 EMERGENCY EGRESS LIGHTING – UNSWITCHED
NO SCALE



4 / E1.22 EMERGENCY EGRESS LIGHTING – SWITCHED
NO SCALE

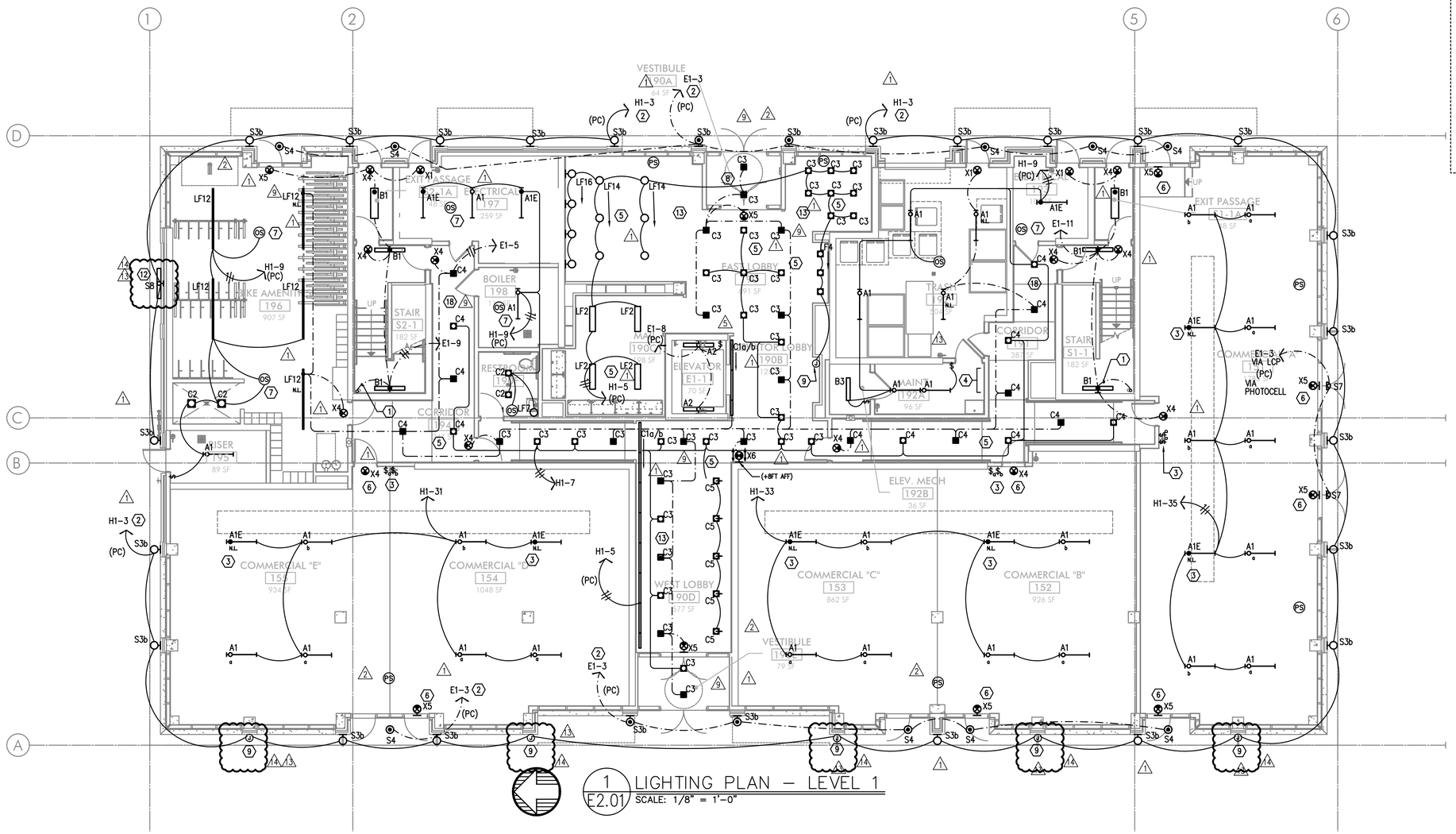
MFIA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234–0548
FAX: (503) 234–0677
WWW.MFIA–ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
E1.22



1 E2.01 LIGHTING PLAN – LEVEL 1
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.

△5 B. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.

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

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

E. THE CONTRACTOR SHALL CONSULT THE ARCHITECT AND/OR INTERIOR DESIGNER FOR THE EXACT LOCATION OF ALL LIGHT FIXTURES PRIOR TO THE START OF ANY ROUGH IN WORK

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

G. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER CONTROL.

H. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.

I. CORRIDOR LIGHTING TO BE CONSTANT "ON" AND PROVIDED WITH LOCAL MANUAL OVERRIDE SWITCHES FOR MAINTENANCE. REFER TO SHEET E1.22 FOR SWITCH WIRING DIAGRAMS.

J. REFER TO SHEET E1.23 FOR LIGHTING CONTROL DIAGRAMS AND DESIGN INTENT. VERIFY LIGHTING CONTROLLABILITY WITH ARCHITECT AND/OR OWNER'S REPRESENTATIVE TO DETERMINE EXACT NEEDS FOR ALL PUBLIC/COMMON AREAS SUCH AS LOBBIES, OFFICES, LOUNGE AREAS, ETC., PRIOR TO THE START OF ANY WORK.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

L. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.

KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
3. LEASE SPACE LIGHTING TO HAVE DUAL SWITCHES. ONE TO CONTROL NORMAL POWER LIGHTS AND ONE TO ACT AS A MANUAL OVERRIDE FOR NIGHT LIGHT FIXTURES (NL). INTENT IS THAT THE NIGHT LIGHTS 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

△1 4. LIGHTING CONTROL FOR LOBBY, CORRIDOR & COMMON SPACES. REFER TO DETAIL #1, SHEET E1.23 FOR MORE INFORMATION.

5. LIGHTING CONTROLS FOR THIS AREA LOCATED IN THE MAINTENANCE ROOM. SEE SHEET NOTE #4 FOR MORE INFORMATION.
6. TIE INTO TEMPORARY LIGHTING CIRCUIT AND ENSURE BATTERY BACK UP POWER FOR EGRESS.

△1 7. LIGHT FIXTURES IN THIS SPACE CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.

8. FIXTURE FINISH TO MATCH SOFFIT METAL.

△4 △13 △9 9. PROVIDE J-BOXES; ONE MOUNTED AT 50.5" AFG AND ONE AT 69.5" AFG FOR LIGHT FIXTURES TO BE INSTALLED FOR ART INSTALLATIONS. CIRCUIT AS SHOWN. INSTALL TWO TYPE S9 LIGHT FIXTURES AT EACH LOCATION INDICATED. REFER TO THE LIGHTING SCHEDULE ON E1.22 FOR MORE INFORMATION. COORDINATE WORK WITH ALL TRADES, ARCHITECT AND DESIGNER.

△1 10. REFER TO DETAIL #3, SHEET E1.23 FOR CLUBROOM LIGHTING CONTROL ASSIGNMENT.

11. PROVIDE PHOTOCELL FOR DAY-LIGHT REDUCTION OF LIGHT LEVELS.

△4 △13 △9 △2 12. PROVIDE LIGHT FIXTURE(S) AT TOP OF WALL FOR ART INSTALLATION. COORDINATE WITH THE ARTIST AND OWNER FOR EXACT LOCATION AND FIELD AIM.

13. CONTRACTOR TO COORDINATE WITH LANDSCAPE LIGHTING INSTALLER AND PROVIDE ROUGH-IN AND POWER CONNECTION(S) AS REQUIRED.

△1 14. TYPICAL LIGHTING CONTROL FOR RESIDENTIAL CORRIDORS. REFER TO DETAIL #2, SHEET E1.23 FOR MORE INFORMATION.

△6 15. TIE INTO 5TH FLOOR CORRIDOR CIRCUITS. SEE DETAIL 4 ON SHEET E1.23 FOR CONTROLS LOCATED IN THE 6TH FLOOR MAINTENANCE ROOM.

△4 △13 16. EGRESS LIGHT FIXTURES TO BE CONSTANT 'ON' AND FAIL SAFE TO FULL LIGHT OUTPUT IN THE EVENT OF A POWER OUTAGE. TIE FIXTURES INTO CORRIDOR EGRESS CIRCUIT. SEE DETAIL 4 ON E1.23.

17. COORDINATE EXACT LOCATION OF LIGHT FIXTURES WITH ARCHITECT PRIOR TO ROUGH IN.

18. CIRCUIT SERVICE CORRIDOR LIGHT FIXTURES AHEAD OF SWITCHED FIXTURES ON SAME CIRCUIT. CORRIDOR LIGHT FIXTURES TO BE CONSTANT 'ON'.

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

ROBERT L. CONNELL STATE OF WASHINGTON 20653 REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

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 # 2017-053
DATE: 11/06/2019

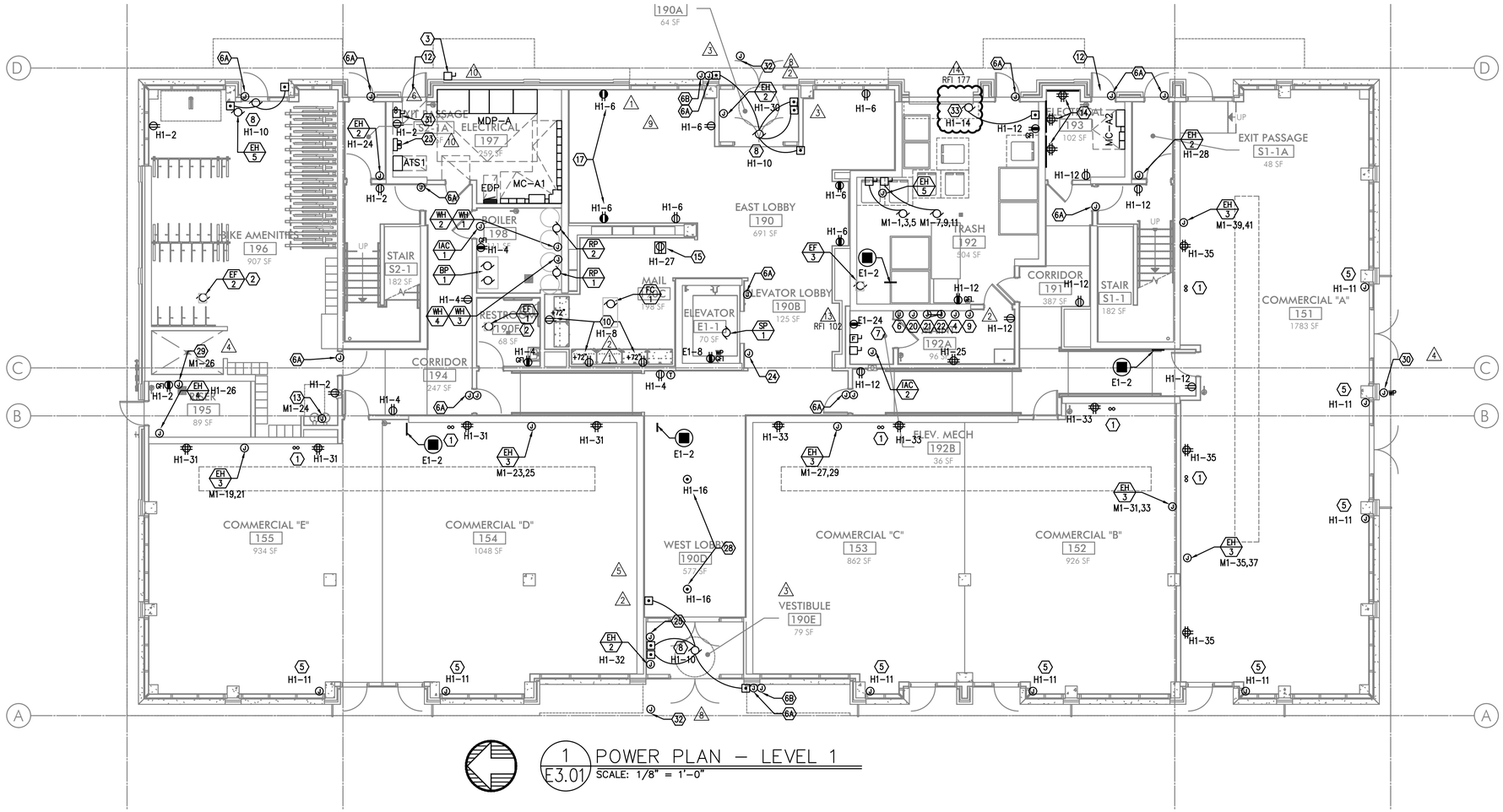
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS MIXED-USE DEVELOPMENT

312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET:
A
E2.01



1 E3.01 POWER PLAN – LEVEL 1
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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

G. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

I. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

J. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

△6 L. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC-A2 IN CEILING ABOVE AND STUBBED INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. CONTINUOUS OPERATING EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 23.
5. PROVIDE ONE 20A,120V, 1P POWER CONNECTION FOR TENANT BUILDING SIGNS. CIRCUIT AS INDICATED VIA LIGHTING CONTROL PANEL. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 22 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 10 FOR AUTOMATIC DOOR OPENERS.

△2 9. PROVIDE ONE 20A, 120V, 1P DEDICATED CIRCUIT FROM PANEL H1, CKT 29 FOR DAS SYSTEM.

10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF. CIRCUIT AS INDICATED.

△1 11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H2, CKT 15. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.

12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR DRINKING FOUNTAIN FROM PANEL M1, CKT 24. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN.
14. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'H1' SCHEDULE ON E1.13 FOR CIRCUITS.
15. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION. CIRCUIT AS INDICATED.

△8 16. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.

17. PROVIDE RECEPTACLE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
18. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 18 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.

△9 19. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL H2, CKT 19.

20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 15 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 27 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 19 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

△6 △9 23. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER.

△1 RFI 102 24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.

25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS. COORDINATE EXACT LOCATION WITH THE SYSTEM INSTALLER.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM.

△8 28. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.

△4 29. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'H1' FOR LANDSCAPE LIGHTING EQUIPMENT CONNECTION. REFER TO E1.02 FOR MORE INFORMATION. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

△6 31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.

△8 32. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.

△14 RFI 177 33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 14 FOR OVERHEAD DOOR OPENER.

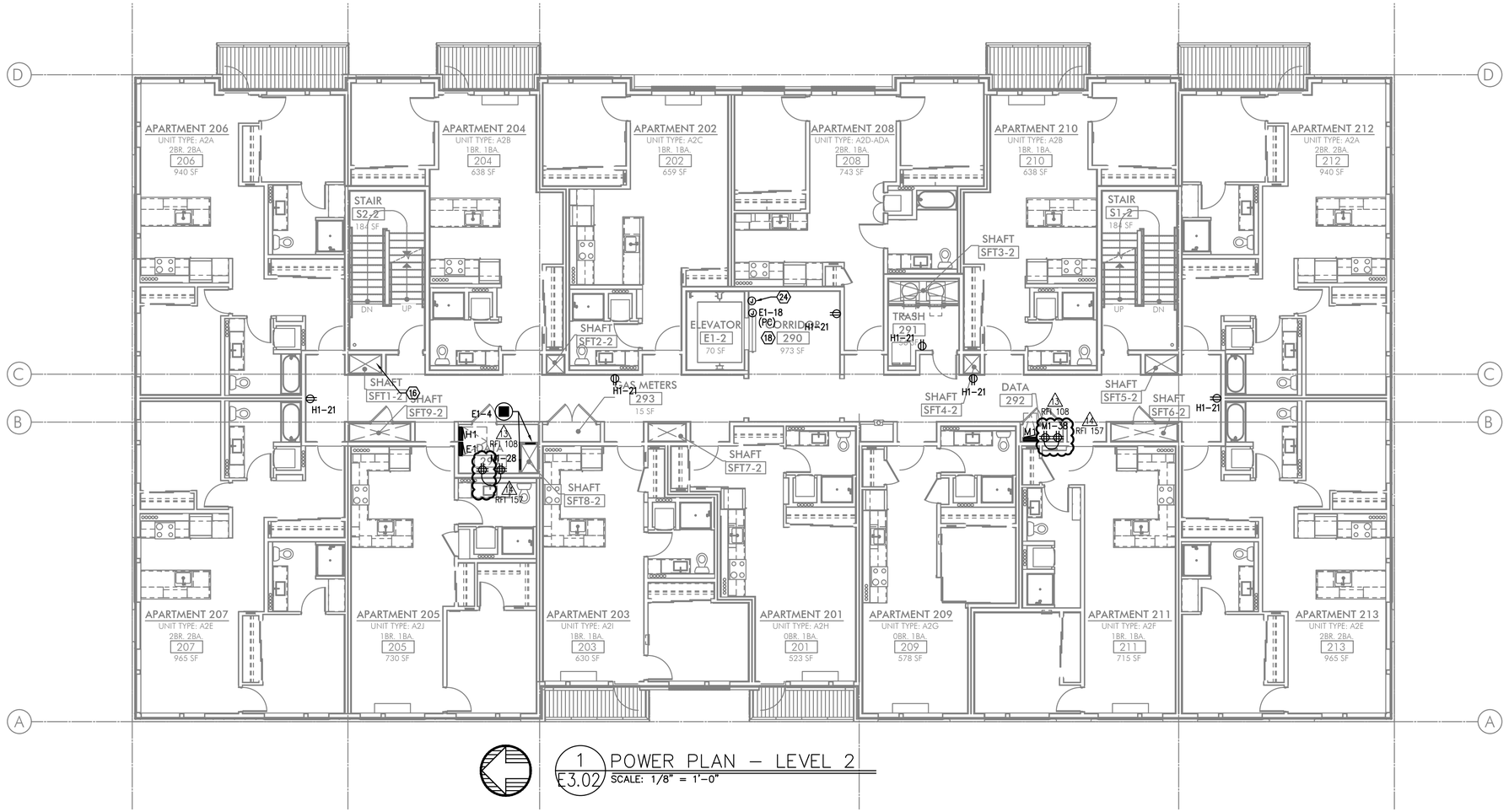
ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET:
A
E3.01



1 POWER PLAN – LEVEL 2
E3.02 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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

G. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

I. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

J. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

△6 L. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC-A2 IN CEILING ABOVE AND STUBBED INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. CONTINUOUS OPERATING EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 23.
5. PROVIDE ONE 20A,120V, 1P POWER CONNECTION FOR TENANT BUILDING SIGNS. CIRCUIT AS INDICATED VIA LIGHTING CONTROL PANEL. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 22 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 10 FOR AUTOMATIC DOOR OPENERS.

△2 9. PROVIDE ONE 20A, 120V, 1P DEDICATED CIRCUIT FROM PANEL H1, CKT 29 FOR DAS SYSTEM.

10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF. CIRCUIT AS INDICATED.

△2 11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H2, CKT 15. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.

12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.

13. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR DRINKING FOUNTAIN FROM PANEL M1, CKT 24. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN.

14. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'H1' SCHEDULE ON E1.13 FOR CIRCUITS.

15. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION. CIRCUIT AS INDICATED.

△8 16. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.

17. PROVIDE RECEPTACLE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.

18. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 18 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT

△9 19. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL H2, CKT 19.

20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 15 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 27 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 19 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

△10 △9 23. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER.

△3 RFI 102 24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.

25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.

26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS. COORDINATE EXACT LOCATION WITH THE SYSTEM INSTALLER.

27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM.

△8 28. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.

△4 29. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'H1' FOR LANDSCAPE LIGHTING EQUIPMENT CONNECTION. REFER TO E1.02 FOR MORE INFORMATION. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

△6 31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.

△8 32. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.

△3 RFI 152 33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 14 FOR OVERHEAD DOOR OPENER.

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
A
E3.02

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

1 POWER PLAN – LEVEL 3
E3.03 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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

G. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

I. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

J. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

△6 L. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC-A2 IN CEILING ABOVE AND STUBBED INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. CONTINUOUS OPERATING EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 23.
5. PROVIDE ONE 20A,120V, 1P POWER CONNECTION FOR TENANT BUILDING SIGNS. CIRCUIT AS INDICATED VIA LIGHTING CONTROL PANEL. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 22 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 10 FOR AUTOMATIC DOOR OPENERS.

△2 9. PROVIDE ONE 20A, 120V, 1P DEDICATED CIRCUIT FROM PANEL H1, CKT 29 FOR DAS SYSTEM.

10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF. CIRCUIT AS INDICATED.

△2 11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H2, CKT 15. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.

12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR DRINKING FOUNTAIN FROM PANEL M1, CKT 24. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN.
14. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'H1' SCHEDULE ON E1.13 FOR CIRCUITS.
15. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION. CIRCUIT AS INDICATED.

△8 16. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.

17. PROVIDE RECEPTACLE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
18. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 18 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.

△9 19. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL H2, CKT 19.

20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 15 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 27 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 19 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

△10 △9 23. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER.

△3 RFI 102 24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.

25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS. COORDINATE EXACT LOCATION WITH THE SYSTEM INSTALLER.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM.

△8 28. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.

△4 29. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'H1' FOR LANDSCAPE LIGHTING EQUIPMENT CONNECTION. REFER TO E1.02 FOR MORE INFORMATION. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

△6 31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.

△8 32. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.

33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 14 FOR OVERHEAD DOOR OPENER.

△13 RFI 157

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET:
A
E3.03

1 POWER PLAN – LEVEL 4
E3.04 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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

G. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

I. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

J. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

△6 L. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC–A2 IN CEILING ABOVE AND STUBBED INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. CONTINUOUS OPERATING EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE–LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 23.
5. PROVIDE ONE 20A,120V, 1P POWER CONNECTION FOR TENANT BUILDING SIGNS. CIRCUIT AS INDICATED VIA LIGHTING CONTROL PANEL. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 22 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 10 FOR AUTOMATIC DOOR OPENERS.

△2 9. PROVIDE ONE 20A, 120V, 1P DEDICATED CIRCUIT FROM PANEL H1, CKT 29 FOR DAS SYSTEM.

10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF. CIRCUIT AS INDICATED.

△2 11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H2, CKT 15. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.

12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR DRINKING FOUNTAIN FROM PANEL M1, CKT 24. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN.
14. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'H1' SCHEDULE ON E1.13 FOR CIRCUITS.
15. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION. CIRCUIT AS INDICATED.

△8 16. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.

17. PROVIDE RECEPTACLE WITH TYPES A & C USB PORTS, LEVITON T5633–T OR APPROVED EQUAL.
18. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 18 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.

△9 19. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL H2, CKT 19.

20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 15 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 27 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 19 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

△1 △9 23. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER.

△5 RFI 102 24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.

25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS. COORDINATE EXACT LOCATION WITH THE SYSTEM INSTALLER.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM.

△8 28. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.

△4 29. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'H1' FOR LANDSCAPE LIGHTING EQUIPMENT CONNECTION. REFER TO E1.02 FOR MORE INFORMATION. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

△6 31. PROVIDE TWO 1–1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.

△8 32. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 40 TO J–BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.

△4 RFI 157 33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 14 FOR OVERHEAD DOOR OPENER.

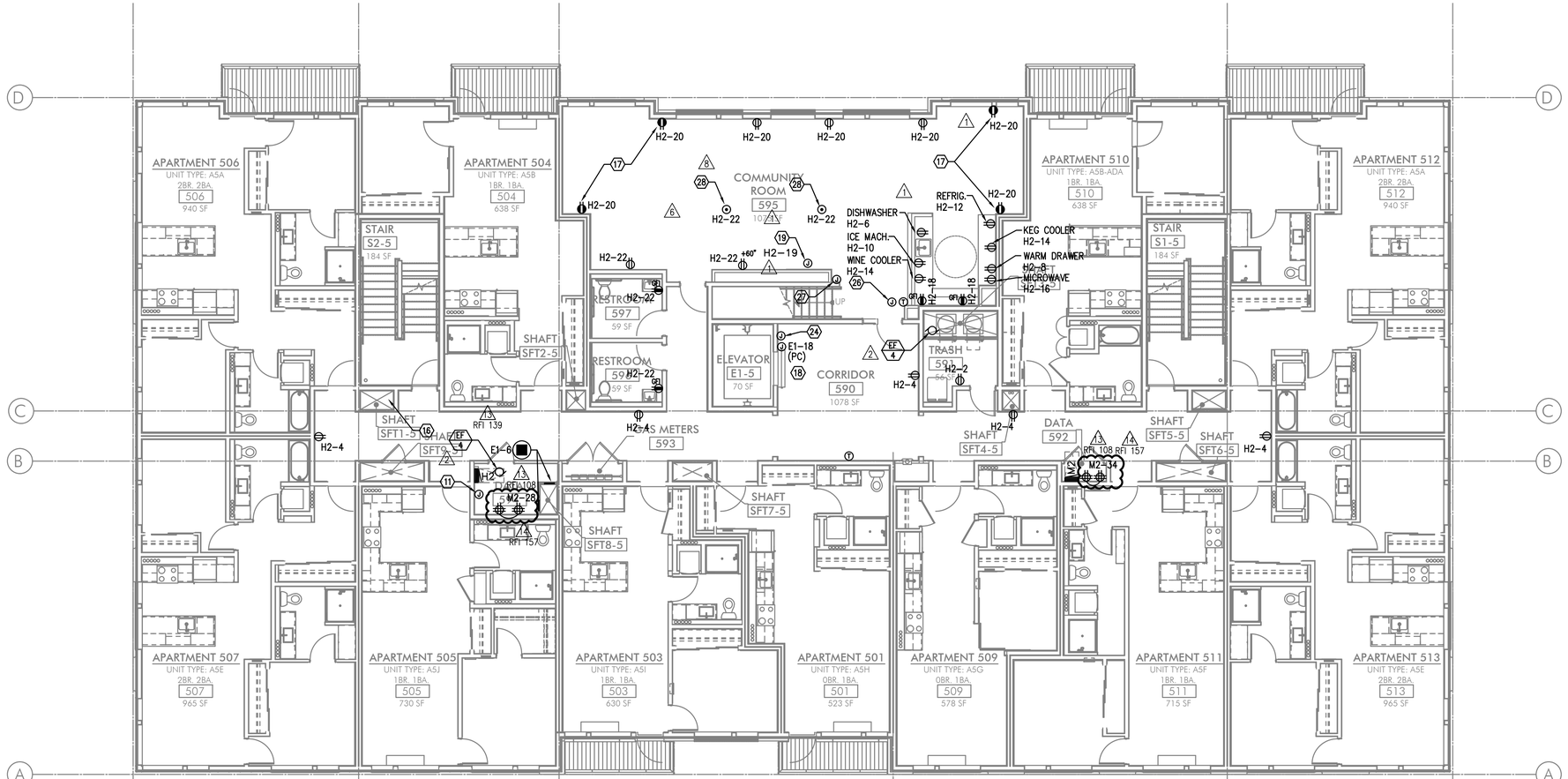
ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
10 COORDINATION 08.27.2021
11 COORDINATION 11.05.2021
12 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
A
E3.04

MFIA 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



1 E3.05 POWER PLAN – LEVEL 5

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

G. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

I. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

J. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE LOW VOLTAGE ('T' SERIES) PLANS, INCLUDING FIRE ALARM AND SYSTEMS INSTALLER, AND PROVIDE ROUGH IN AS NEEDED.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

△6 L. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC-A2 IN CEILING ABOVE AND STUBBED INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. CONTINUOUS OPERATING EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 23.
5. PROVIDE ONE 20A,120V, 1P POWER CONNECTION FOR TENANT BUILDING SIGNS. CIRCUIT AS INDICATED VIA LIGHTING CONTROL PANEL. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 22 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 10 FOR AUTOMATIC DOOR OPENERS.

△2 9. PROVIDE ONE 20A, 120V, 1P DEDICATED CIRCUIT FROM PANEL H1, CKT 29 FOR DAS SYSTEM.

10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF. CIRCUIT AS INDICATED.

△1 11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H2, CKT 15. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.

12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR DRINKING FOUNTAIN FROM PANEL M1, CKT 24. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN.
14. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'H1' SCHEDULE ON E1.13 FOR CIRCUITS.
15. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION. CIRCUIT AS INDICATED.

△8 16. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.

17. PROVIDE RECEPTACLE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
18. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 18 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.

△9 19. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL H2, CKT 19.

20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 15 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 27 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 19 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

△10 △9 23. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER. △14 RFI 157

△3 RFI 102 24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.

25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS. COORDINATE EXACT LOCATION WITH THE SYSTEM INSTALLER.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM.

△8 28. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.

△4 29. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'H1' FOR LANDSCAPE LIGHTING EQUIPMENT CONNECTION. REFER TO E1.02 FOR MORE INFORMATION. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND LOCATION PRIOR TO ROUGH IN.

△6 31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.

△8 32. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.

33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 14 FOR OVERHEAD DOOR OPENER.

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

ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
A
E3.05

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. ELECTRICAL CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

△5 D. THE ELECTRICAL CONTRACTOR SHALL REFER TO THE ARCHITECTURAL & INTERIOR DESIGN DRAWINGS FOR ALL MOUNTING HEIGHTS AND FINISHES OF DEVICES AND FIXTURES.

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

F. REFER TO SHEET E1.21 FOR LIGHT FIXTURE SCHEDULE.

G. THE CONTRACTOR SHALL CONSULT THE ARCHITECT AND INTERIOR DESIGNER FOR ALL FIXTURE LOCATIONS PRIOR TO THE START OF ANY ROUGH IN WORK

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

I. OCCUPANCY SENSORS SHALL BE FIELD ADJUSTED TO ENSURE COVERAGE AND PROPER CONTROL.

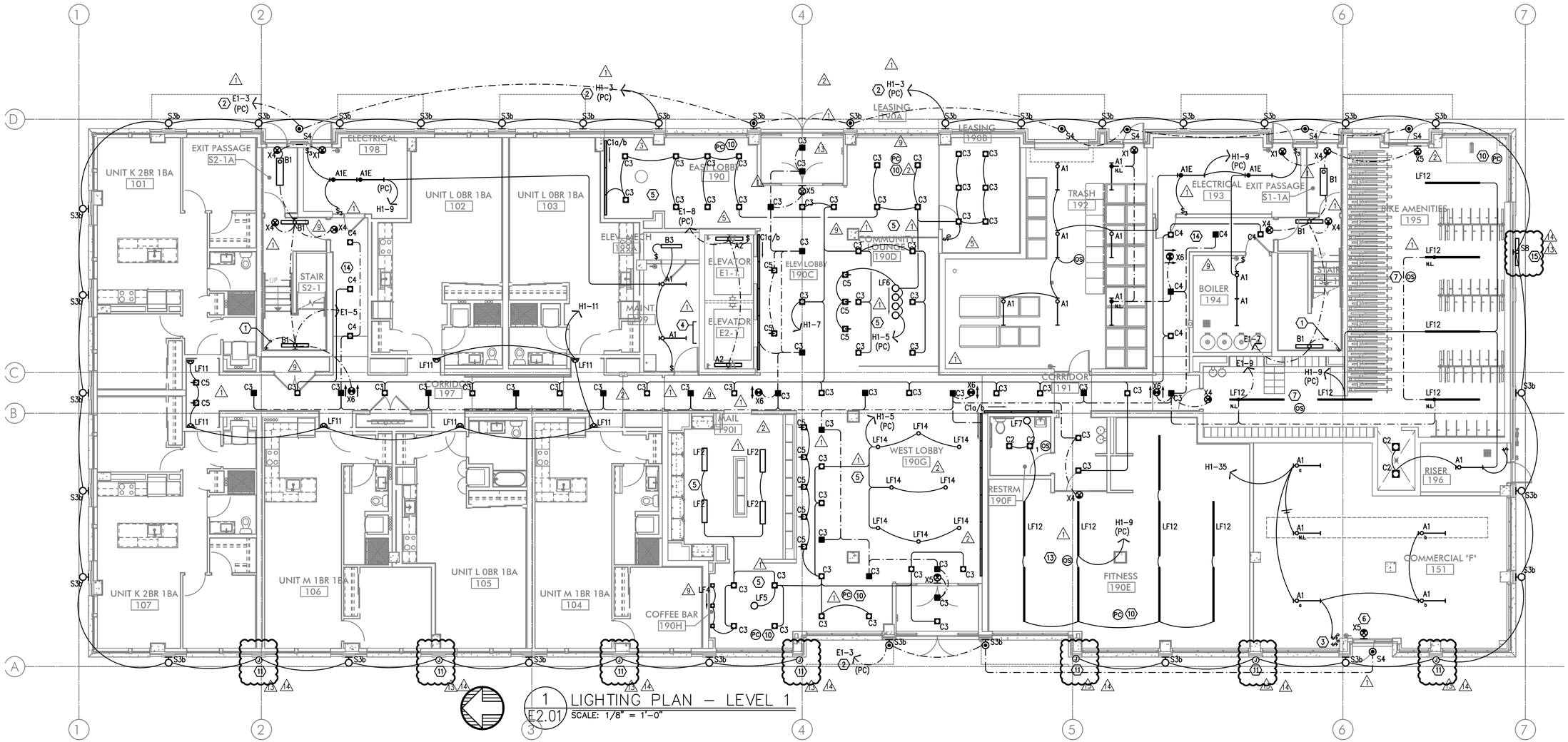
J. PROVIDE DIGITAL LIGHTING CONTROLS FOR EACH ROOM/SPACE, CONSISTING OF MULTI-BUTTON SWITCH(ES), OCC SENSORS, POWER PACKS, DAYLIGHT SENSORS, DIMMERS, INTERCONNECTING WIRING, ETC.

K. THERE SHALL BE NO SURFACE MOUNTED FIXTURES OR PATHWAYS (CONDUIT, ETC.) IN ANY PUBLICLY ACCESSIBLE SPACES, INCLUDING STAIRWELLS AND EXIT PASSAGEWAYS WITHOUT PRIOR APPROVAL BY OWNER AND ARCHITECT. ROUTE ALL PATHWAYS WITHIN STUD CAVITIES OR ABOVE FINISHED CEILINGS.

L. ALL EGRESS FIXTURES SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER FAILURE, ALL LIGHTS WILL AUTOMATICALLY RETURN TO FULL POWER. REFER TO SWITCHING DETAILS ON SHEET E1.22.

⬡ KEYED NOTES:

1. CONTINUE CIRCUIT UP THROUGH THE STAIRWELL.
2. EXTERIOR BUILDING LIGHTS TO BE CONTROLLED VIA INTEGRAL AND/OR REMOTE PHOTOCELL FOR DUSK-TILL-DAWN OPERATION. REFER TO LIGHT FIXTURE SCHEDULE ON SHEET E1.21-E1.22 FOR ADDITIONAL INFORMATION.
3. LEASE SPACE LIGHTING TO HAVE DUAL SWITCHES. ONE TO CONTROL NORMAL POWER LIGHTS AND ONE TO ACT AS A MANUAL OVERRIDE FOR NIGHT LIGHT FIXTURES (NL). INTENT IS THAT THE NIGHT LIGHTS 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
△1 4. LIGHTING CONTROL FOR LOBBY, CORRIDOR & COMMON SPACES. REFER TO DETAIL #1, SHEET E1.23 FOR MORE INFORMATION.
5. LIGHTING CONTROLS FOR THIS AREA LOCATED IN THE MAINTENANCE ROOM. SEE SHEET NOTE #4 FOR MORE INFORMATION.
6. TIE INTO TEMPORARY LIGHTING CIRCUIT AND ENSURE BATTERY BACK UP POWER FOR EGRESS.
△1 7. BIKE ROOM LIGHT FIXTURES CONTROLLED BY CEILING MOUNT OCCUPANCY SENSOR.
8. FIXTURE FINISH TO MATCH SOFFIT METAL.
△1 9. PROVIDE POWER CONNECTION FOR COVE LIGHTING AT ALL WALL NICHES TO WALL WASH ART INSTALLATIONS. REFER TO INTERIOR DECORATOR'S INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION REGARDING LENGTH, LOCATIONS AND CONTROL TYPE TO BE INSTALLED. USE FIXTURE TYPE 'C1' AND TIE INTO LOBBY LIGHTING CIRCUIT H1-5.
10. PROVIDE CEILING MOUNTED PHOTOCELL TO PROVIDE DIMMING OF LIGHT FIXTURES DURING DAYLIGHT PERIODS.
△4 △1 △2 △9 11. PROVIDE J-BOXES, ONE MOUNTED AT 50.5" AFG AND ONE AT 69.5" AFG FOR LIGHT FIXTURES TO BE INSTALLED FOR ART INSTALLATIONS. CIRCUIT AS SHOWN. INSTALL TWO TYPE S9 LIGHT FIXTURES AT EACH LOCATION INDICATED. REFER TO THE LIGHTING SCHEDULE ON E1.22 FOR MORE INFORMATION. COORDINATE WORK WITH ALL TRADES, ARCHITECT AND DESIGNER.
△1 12. TYPICAL LIGHTING CONTROL FOR RESIDENTIAL CORRIDORS. REFER TO DETAIL #2, SHEET E1.23 FOR MORE INFORMATION.
13. FITNESS ROOM LIGHT FIXTURES SHALL BE CONTROLLED VIA OCCUPANCY SENSOR, SUCH THAT LIGHTS SHALL DIM DOWN BY 50% DURING PERIODS OF NO ACTIVITY AND RETURN TO 100% LIGHT OUTPUT ON OCCUPANCY DETECTION. FIXTURES SHALL REMAIN ON FOR A MINIMUM OF 30 MINUTES OF AREA VACANCY.
14. CIRCUIT SERVICE CORRIDOR LIGHT FIXTURES AHEAD OF SWITCHED FIXTURES ON SAME CIRCUIT. CORRIDOR LIGHT FIXTURES TO BE CONSTANT 'ON'.
△4 △1 15. PROVIDE LIGHT FIXTURE(S) AT TOP OF WALL FOR ART INSTALLATION. COORDINATE WITH THE ARTIST AND OWNER FOR EXACT LOCATION AND FIELD AIM.



1 LIGHTING PLAN – LEVEL 1
E2.01 SCALE: 1/8" = 1'-0"

STUDIO 3 ARCHITECTURE INCORPORATED
275 COURT ST. NE
SALEM, OR 97301-3442
P: 503.390.6500
www.studio3architecture.com

ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS MIXED-USE DEVELOPMENT

312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

SHEET: B E2.01

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

△6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

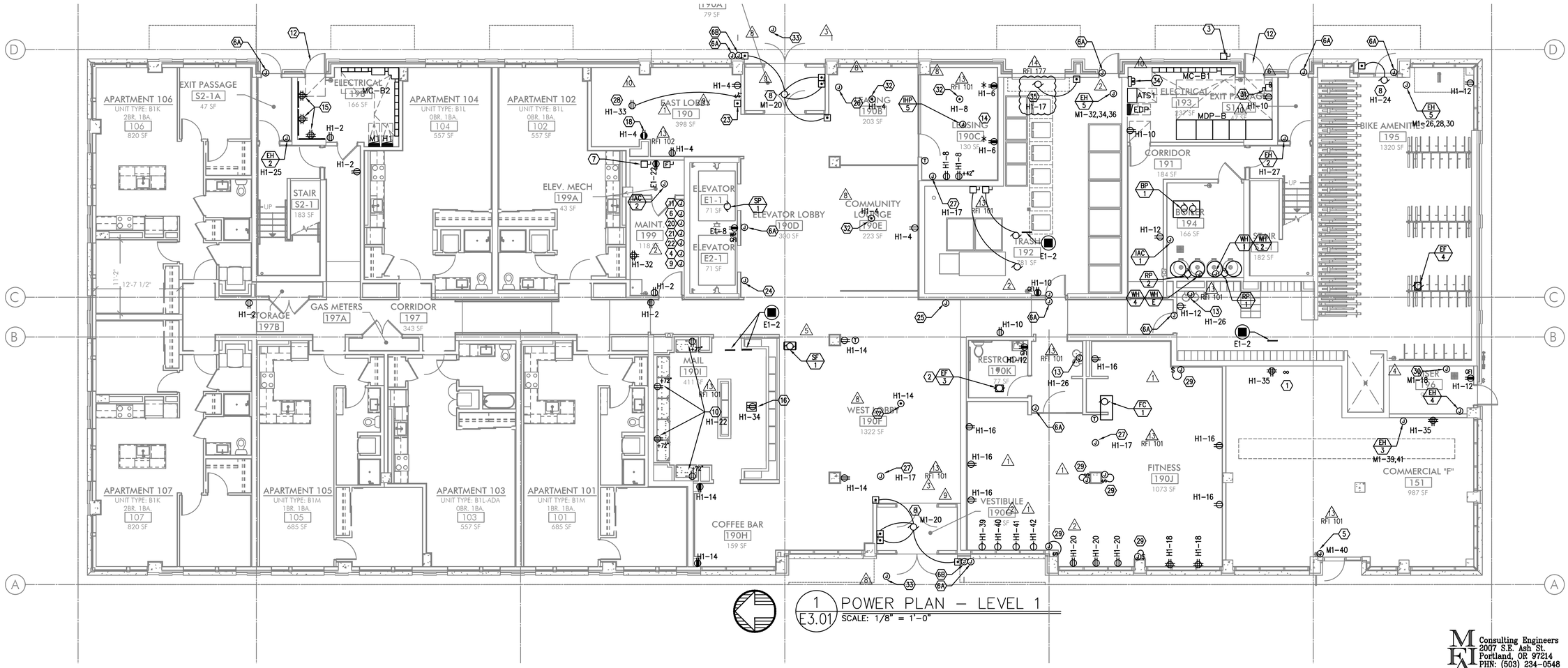
⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. △3 RFI 101 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. △9 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. △9 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS.
9. △2 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM.
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. △9 CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1.
14. △3 RFI 101 PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT.
15. △9 LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS.
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. △8 SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
23. △10 △9 PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM.
24. △3 RFI 102 AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. △10 △9 △1 CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF.
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. △4 △3 RFI 101 PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN.
31. △6 PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.
32. △8 CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. △10 METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER.
35. △3 RFI 117 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER.



1 / E3.01 POWER PLAN – LEVEL 1
SCALE: 1/8" = 1'-0"

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
10 COORDINATION 08.27.2021
11 COORDINATION 11.05.2021
12 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.01

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

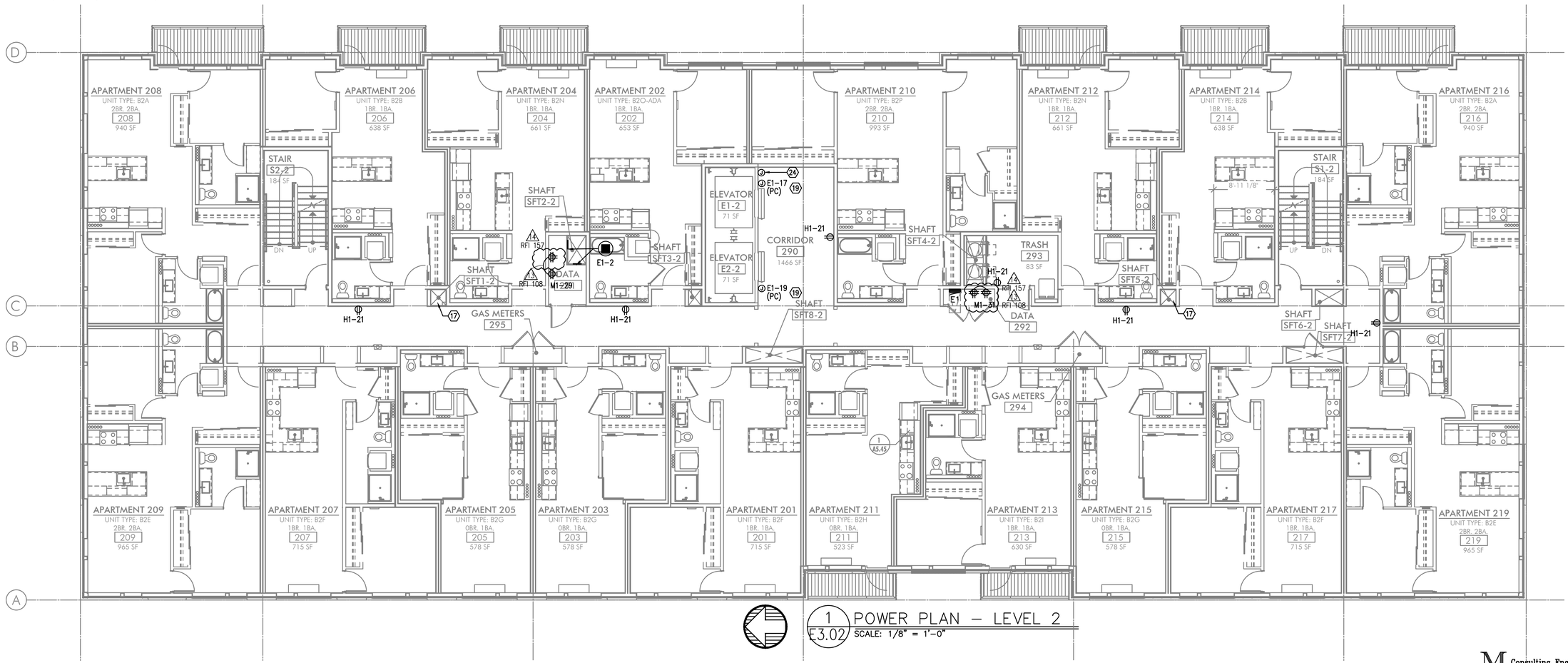
G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION. (1 RFI 101)
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (9)
- 6A. ENTRY ACCESS POINT.
- 6B. APARTMENT CALL DIRECTORY.
7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS. (9)
9. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM. (2)
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1. (9)
14. PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT. (1 RFI 101)
15. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS. (9)
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS. (6)
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (4)
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (1 RFI 101)
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
23. PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM. (10 9)
24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1. (1 RFI 102)
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF. (10 9 1)
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN. (4 1 RFI 101)
31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK. (6)
32. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN. (8)
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER. (10)
35. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER. (1 RFI 112)



1 E3.02 POWER PLAN – LEVEL 2
SCALE: 1/8" = 1'-0"

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.02

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

△6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

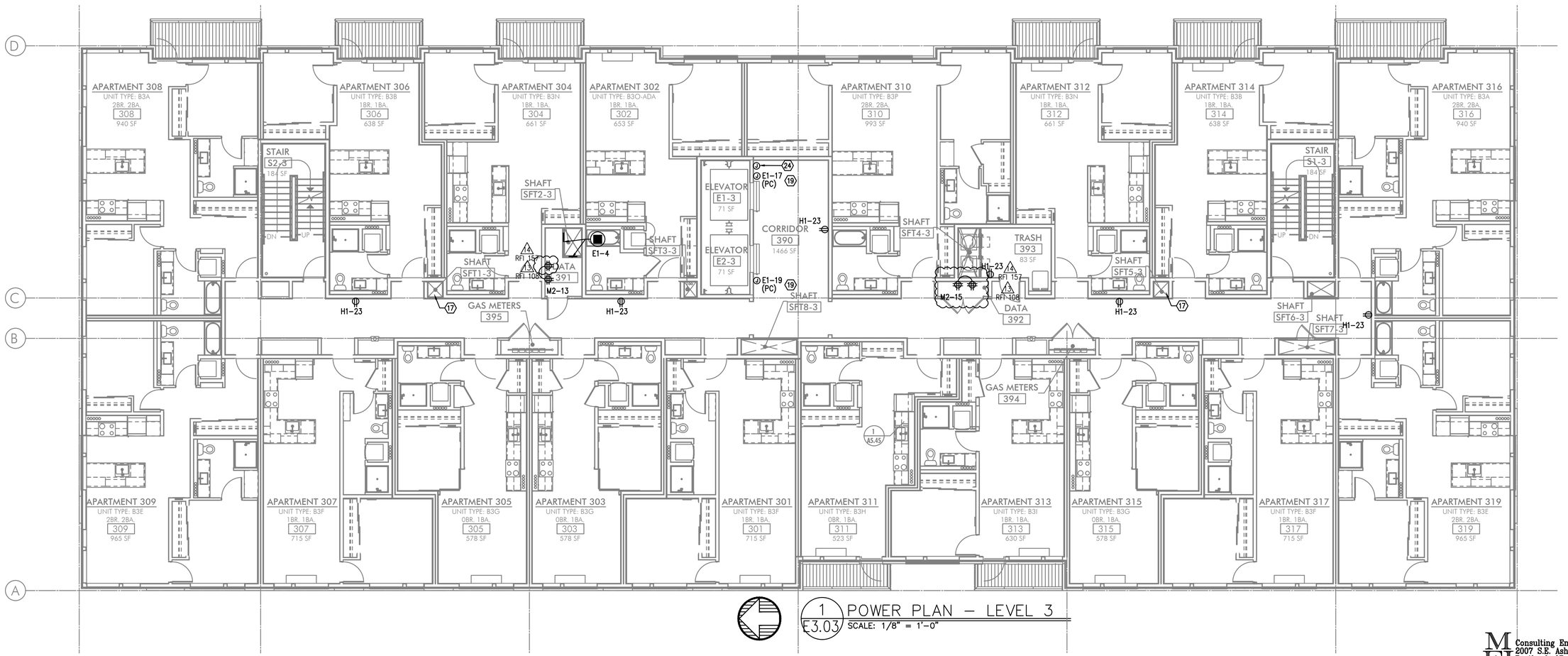
⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. △3 RFI 101 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION.
6. ◇9 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.

6A. ENTRY ACCESS POINT.

6B. APARTMENT CALL DIRECTORY.

7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. ◇9 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS.
9. △2 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM.
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. ◇9 CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1.
14. △3 RFI 101 PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT.
15. ◇9 LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS.
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. △8 SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS.
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION.
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
23. △10 ◇9 PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM.
24. △3 RFI 102 AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1.
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. △10 ◇9 △1 CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF.
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. △4 △3 RFI 101 PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN.
31. ◇6 PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK.
32. ◇8 CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN.
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. △10 METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER
35. △14 RFI 117 PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER.



1 E3.03 POWER PLAN – LEVEL 3
SCALE: 1/8" = 1'-0"

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.03

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

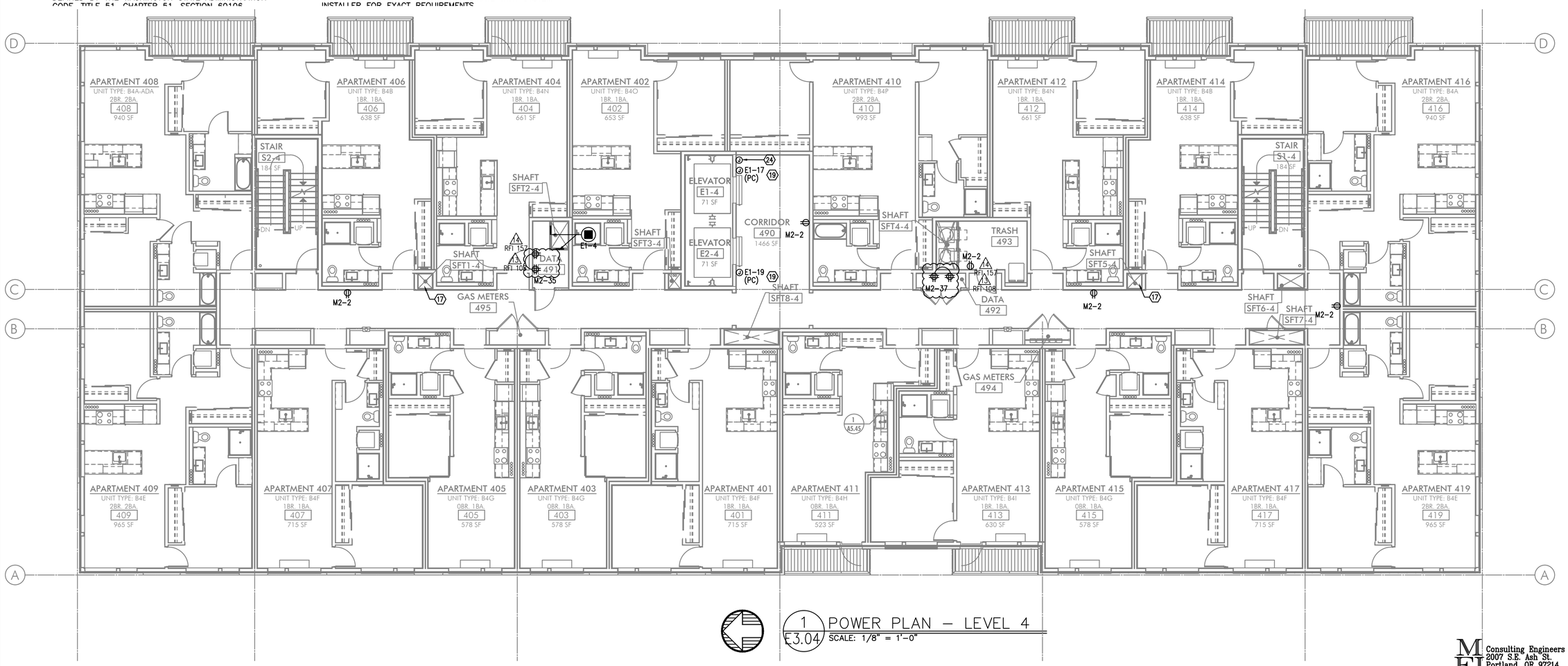
G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION. (3 RFI 101)
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (9)
- 6A. ENTRY ACCESS POINT.
- 6B. APARTMENT CALL DIRECTORY.
7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS. (9)
9. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM. (2)
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1. (9)
14. PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT. (3 RFI 101)
15. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS. (9)
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS. (8)
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION. (10) (9) (1)
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (4) (3 RFI 101)
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
23. PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM. (10) (9)
24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1. (3 RFI 102)
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF. (10) (9) (1)
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN. (4) (3 RFI 101)
31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK. (6)
32. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN. (8)
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER. (10)
35. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER. (4) (3 RFI 117)



1 / E3.04 POWER PLAN – LEVEL 4
SCALE: 1/8" = 1'-0"

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.04

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

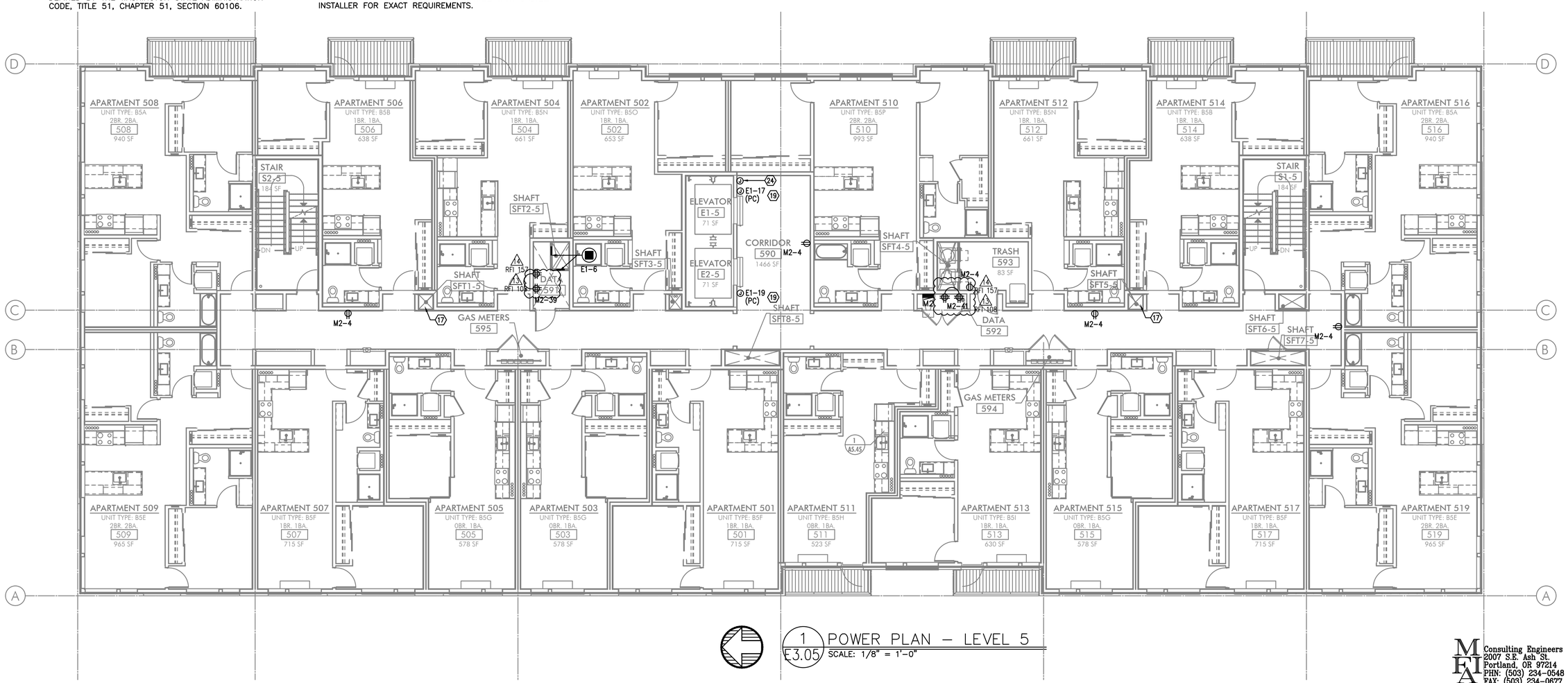
G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION. (3 RFI 101)
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (9)
- 6A. ENTRY ACCESS POINT.
- 6B. APARTMENT CALL DIRECTORY.
7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS. (9)
9. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM. (2)
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1. (9)
14. PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT. (3 RFI 101)
15. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS. (9)
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS. (8)
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION. (10 9 1)
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (4 3 RFI 101)
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (6)
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
23. PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM. (10 9)
24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1. (13 RFI 102)
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF. (10 9 1)
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN. (4 3 RFI 101)
31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK. (6)
32. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN. (8)
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER (10)
35. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER. (13 RFI 117)



1 / E3.05 POWER PLAN – LEVEL 5
SCALE: 1/8" = 1'-0"

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.05

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 CONTRACTOR TO PROVIDE THERMOSTATS NOT SUPPLIED BY MECHANICAL CONTRACTOR. CONSULT MECHANICAL PLANS FOR ADDITIONAL INFORMATION.

C. ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALLATION AND FINAL CONNECTION OF THERMOSTATS. CONSULT MECHANICAL CONTRACTOR FOR EXACT REQUIREMENTS PRIOR TO ROUGH IN.

D. REFER TO INTERIOR DECORATOR AND/OR ARCHITECTURAL DRAWINGS FOR DIMENSIONED LOCATION(S) AND ELEVATIONS OF FIXTURES & DEVICES. OTHER DEVICES SHOWN ON THE ELECTRICAL PLANS AND NOT INDICATED ON THE DECORATOR'S OR ARCHITECT'S DRAWINGS, SHALL BE INSTALLED AT STANDARD MOUNTING HEIGHT AS INDICATED THE SYMBOL LIST.

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

F. ELECTRICAL EQUIPMENT SHOWN IN THE ELECTRICAL ROOMS IS APPROXIMATE, BASED ON TYPICAL PRODUCTS. CONTRACTOR SHALL VERIFY ANY SUBMITTED EQUIPMENT WILL FIT WITHIN THE SPACE PROVIDED, PRIOR TO PRODUCT SUBMITTAL REVIEW.

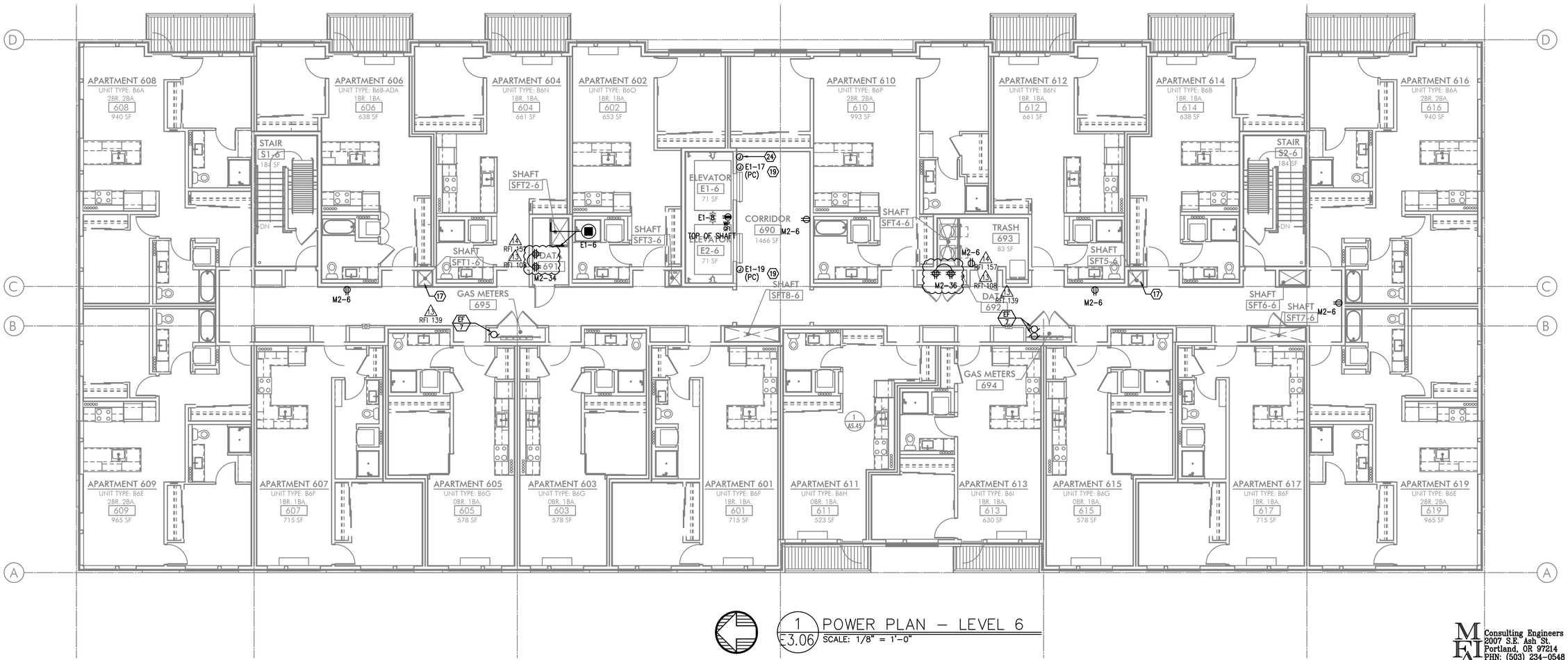
G. CONSULT ARCHITECTURAL AND/OR INTERIOR DECORATOR PLANS FOR EXACT RECEPTACLE LOCATION IN THE COMMUNITY AREAS, SUCH AS THE LOBBY, CLUB ROOM, LEASE OFFICE, ETC.

H. 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.

6 I. "SOLAR READY" WORK FOR FUTURE PHOTOVOLTAIC ARRAY SHALL BE PER THE ELECTRICAL REQUIREMENTS AS DEFINED BY THE WASHINGTON STATE ADMINISTRATION CODE, TITLE 51, CHAPTER 51, SECTION 60106.

⬡ KEYED NOTES:

1. ROUTE (2) EMPTY 3 1/2" CONDUIT WITH PULL STRING, FROM MC1 UNDER SLAB AND STUB-UP INTO LEASE SPACE FOR TENANT SUPPLIED BRANCH PANEL AND CAP OFF.
2. EXHAUST FAN TO BE TIED INTO LIGHTING CIRCUIT FOR THIS AREA.
3. GENERATOR DISCONNECT. SEE ONE-LINE DIAGRAM ON SHEET E1.11.
4. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR GENERATOR REMOTE ANNUNCIATOR. FED FROM PANEL E1, CKT 27.
5. 20A,120V, 1P POWER CONNECTION FOR BLADE SIGNS. CIRCUIT AS INDICATED VIA PHOTOCELL & TIMECLOCK. MOUNT JUNCTION BOX TIGHT TO CEILING (AT BUILDING INTERIOR), COORDINATING EXACT LOCATION WITH SIGN INSTALLER'S SLEEVE AND PER ARCHITECT'S DIRECTION AT EACH LOCATION. (1/RFI 101)
6. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL M1, CKT 24 FOR BUILDING ENTRY ACCESS CONTROL SYSTEM AND PROVIDE ROUGH IN AND WIRING TO ACCESS POINTS LOCATED ON PLANS. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (9)
- 6A. ENTRY ACCESS POINT.
- 6B. APARTMENT CALL DIRECTORY.
7. VERIFY ELEVATOR EQUIPMENT LOCATION AND ELECTRICAL REQUIREMENTS WITH ARCHITECT AND/OR ELEVATOR PROVIDER.
8. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'M1' FOR AUTOMATIC DOOR OPENERS. (9)
9. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL 'H1' FOR DAS SYSTEM. (2)
10. PACKAGE CONCIERGE SYSTEM. MOUNT DUPLEX RECEPTACLES AT 76" AFF.
11. PROVIDE ONE 20A, 120V, 1P CIRCUIT FOR A/V SYSTEM CONTROL, FROM PANEL H1, CKT 31. CONSULT INTERIORS GROUP FOR EXACT LOCATION. COORDINATE WITH SYSTEM INSTALLER FOR EXACT REQUIREMENTS.
12. ELECTRICAL SERVICE METER ROOMS SHALL HAVE OUTWARD SWING DOORS EQUIPPED WITH PANIC HARDWARE. PROVIDE A KEY BOX AT THE EXTERIOR FOR CLARK PUBLIC UTILITIES 24/7 ACCESS.
13. CONSULT MECHANICAL AND/OR PLUMBING CONTRACTOR FOR EXACT ELECTRICAL REQUIREMENTS OF THE DRINKING FOUNTAIN, IF ANY AND PROVIDE CIRCUIT FROM PANE H1. (9)
14. PER WASHINGTON STATE ENERGY CODE C405.10, AT LEAST 50% OF THE RECEPTACLES IN THIS SPACE SHALL BE CONTROLLED. RECEPTACLES NOTED WITH '*' SHALL BE CONTROLLED VIA OCCUPANCY SENSOR AND SHALL 'TURN OFF' AFTER A MINIMUM OF 30 MINUTES OF IN-ACTIVITY WITHIN THE SPACE. PROVIDE APPROPRIATE IDENTIFICATION OF EACH CONTROLLED RECEPTACLE. REFER TO THE PANEL SCHEDULES ON E1.16 FOR ADDITIONAL INFORMATION ON WHICH CIRCUIT IS TO BE THE CONTROLLED CIRCUIT. (1/RFI 101)
15. LOW VOLTAGE/COMMUNICATIONS SYSTEM DEMARCATION BOARD(S). COORDINATE LOCATIONS AND ELECTRICAL POWER REQUIREMENTS WITH THE TELECOM PLANS ('T' SERIES SHEETS) AND LOW VOLTAGE SYSTEMS INSTALLERS, AND PROVIDE ROUGH IN AND/OR FINAL ELECTRICAL POWER CONNECTIONS & DEVICES. REFER PANEL 'M1' SCHEDULE ON E1.16 FOR CIRCUITS. (9)
16. CEILING MOUNTED 20A DUPLEX RECEPTACLE FOR SECURITY CAMERA. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.
17. SHAFT FOR THE ROUTING OF ELECTRICAL FEEDERS FROM TENANT METERS TO RESIDENTIAL UNITS. (8)
18. HORIZONTAL RECEPTACLE IN BANQUETTE FACE. REFER TO THE ARCHITECT AND INTERIOR DECORATOR PLANS FOR ADDITIONAL INFORMATION.PROVIDE WITH TYPES A & C USB PORTS, LEVITON T5633-T OR APPROVED EQUAL.
19. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM THE EMERGENCY PANEL E1, CKTS 19 & 21 FOR ELEVATOR SMOKE CURTAINS. SMOKE CURTAINS ARE TO BE SMOKE GUARD SYSTEM MODEL 200 AND SHALL BE INSTALLED AT EACH ELEVATOR LOBBY. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE INSTALLATION WITH THE EQUIPMENT PROVIDER/INSTALLER FOR ALL ELECTRICAL REQUIREMENTS PRIOR TO ROUGH IN. EACH SMOKE CURTAIN SHALL BE INTERLINKED WITH THE NEAREST SMOKE DETECTOR AT EACH LOCATION. (10/9/1)
20. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR THE APARTMENT ENTRY SYSTEM PRIMARY CONTROL PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED, TO EACH UNIT ENTRY. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
21. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 34 FOR THE SECURITY SYSTEM PANEL AND PROVIDE ROUGH IN AND WIRING, AS NEEDED. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (4/3/RFI 101)
22. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL E1, CKT 23 FOR THE FIRE ALARM CONTROL PANEL. CONSULT WITH LOW VOLTAGE SYSTEMS INSTALLER AND THE 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION. (6)
23. PROVIDE EMERGENCY SHUTOFF CONTROLS FOR GAS APPLIANCES. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR. CIRCUIT FROM PANEL 'E1'. SEE DETAIL 5/E1.22 FOR EMERGENCY SHUFF-OFF DIAGRAM. (10/9)
24. AREA OF REFUGE PANEL. CONSULT FIRE ALARM PLANS ('T' SERIES SHEETS) AND PROVIDE ROUGH IN AS NEEDED. PROVIDE POWER CONNECTION FROM PANEL E1. (13/RFI 102)
25. PROVIDE ROUGH IN, AS NEEDED, FOR FIRE ALARM REMOTE ANNUNCIATION PANEL.
26. PROVIDE ROUGH IN, AS NEEDED, FOR AUDIO SYSTEM CONTROLS.
27. PROVIDE ROUGH IN, AS NEEDED, FOR WIFI SYSTEM. CIRCUIT FROM PANEL 'H1'.
28. CONSULT ARCHITECT AND/OR MECHANICAL PLANS FOR ADDITIONAL INFORMATION REGARDING THE FIREPLACE. PROVIDE ELECTRICAL CONNECTION(S) AS NEEDED FROM PANEL 'H1', CKT 33. PROVIDE 120V TWIST-TIMER SWITCH (MAX. 60 MINUTES "NO HOLD") FOR FIREPLACE IGNITOR CONTROLS. INTERCONNECT WITH POWER VENT FAN LOCATED ON ROOF. (10/9/1)
29. PROVIDE TWO 20A, 120V CIRCUITS, FROM PANEL 'H1' FOR WALL MOUNTED FANS, PROVIDED BY OTHERS. CONSULT INTERIOR DECORATOR FOR EXACT POWER REQUIREMENTS AND MOUNTING HEIGHTS. PROVIDE CONTROL SWITCH PER MANUFACTURER'S/DECORATOR'S DIRECTION.
30. PROVIDE ONE 20A, 120V CIRCUIT, FROM PANEL 'M1' FOR IRRIGATION CONTROLS. COORDINATE WITH LANDSCAPING FOR EXACT POWER REQUIREMENTS AND PREFERRED LOCATION PRIOR TO ROUGH IN. (4/3/RFI 101)
31. PROVIDE TWO 1-1/2" EMPTY CONDUITS W/ PULL STRING, ROUTED FROM THE ELECTRICAL ROOM TO THE ROOF FOR PV SOLAR SYSTEM PROVIDED AND INSTALLED BY OTHERS. COORDINATE WITH THE STRUCTURAL ENGINEER FOR THE ROUTING OF THE CONDUITS UP THROUGH THE BUILDING PRIOR TO ANY WORK. (6)
32. CONSULT INTERIORS PLANS TO VERIFY EXACT LOCATION OF FLOOR BOX DEVICES PRIOR TO ROUGH IN. (8)
33. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 40 TO J-BOX BEHIND FACE OF CANOPY FOR BUILDING SIGNAGE BY OTHERS. REFER TO ARCHITECTURAL PLANS FOR EXACT LOCATION. SIGNS TO BE CONTROLLED VIA PHOTOCELL, ALONG WITH BUILDING LIGHTS.
34. METER LOCATION FOR PV SYSTEM. VERIFY AND COORDINATE WITH SYSTEM INSTALLER (10)
35. PROVIDE ONE 20A, 120V, 1P CIRCUIT FROM PANEL H1, CKT 17 FOR OVERHEAD DOOR OPENER. (13/RFI 147)



1 / E3.06 POWER PLAN – LEVEL 6
SCALE: 1/8" = 1'-0"

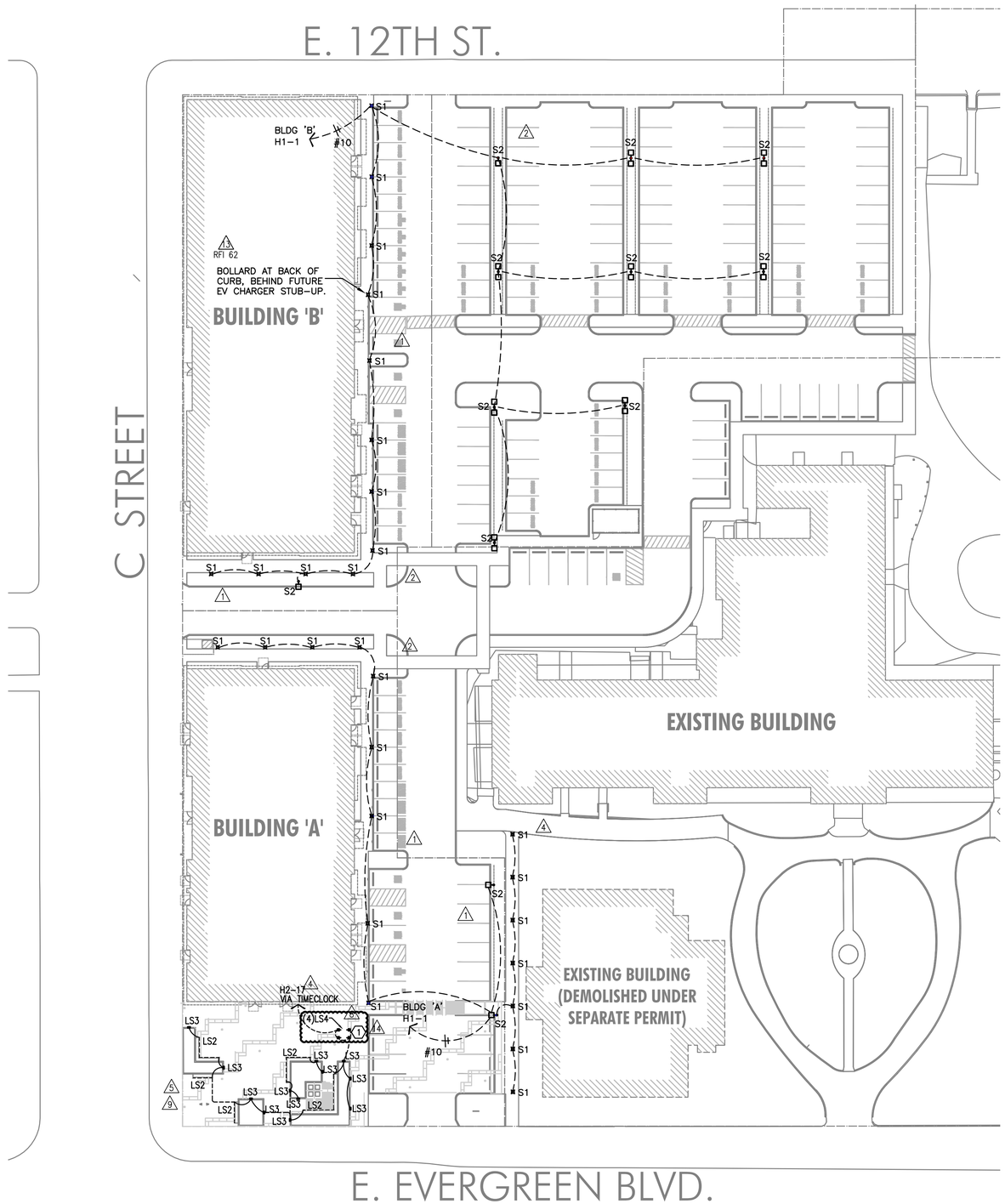
MFIA INC. Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MFIA-ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
7 PLAN REVIEW 11.25.2020
8 PLAN REVIEW 03.26.2021
9 PLAN REVIEW 07.15.2021
10 COORDINATION 08.27.2021
11 COORDINATION 11.05.2021
12 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
B
E3.06



1 SITE LIGHTING PLAN
E1.02 SCALE: 1" = 30'-0"

GENERAL NOTES:

A. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND NATION CODES.

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

C. ELECTRICAL SERVICE ENTRANCE EQUIPMENT DESIGN IS BASED ON SIEMENS PRODUCTS. ACTUAL PRODUCTS INSTALLED MAY DIFFER IN SIZE AND CONFIGURATION AND SHALL BE DOCUMENTED IN FINAL PROJECT DOCUMENTS.

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 SHEETS E1.11 & E1.14 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. CONTRACTOR SHALL REVIEW CLARK PUBLIC UTILITIES 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 CLARK PUBLIC UTILITES ELECTRICAL SERVICE REQUIREMENTS.

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

⬡ KEYED LIGHTING NOTES:

5 1. PROVIDE WEATHER PROOF J-BOX, FLUSH WITH GRADE, FOR FUTURE LIGHT INSTALLATION. REFER TO LANDSCAPING PLANS FOR ADDITIONAL INFORMATION.

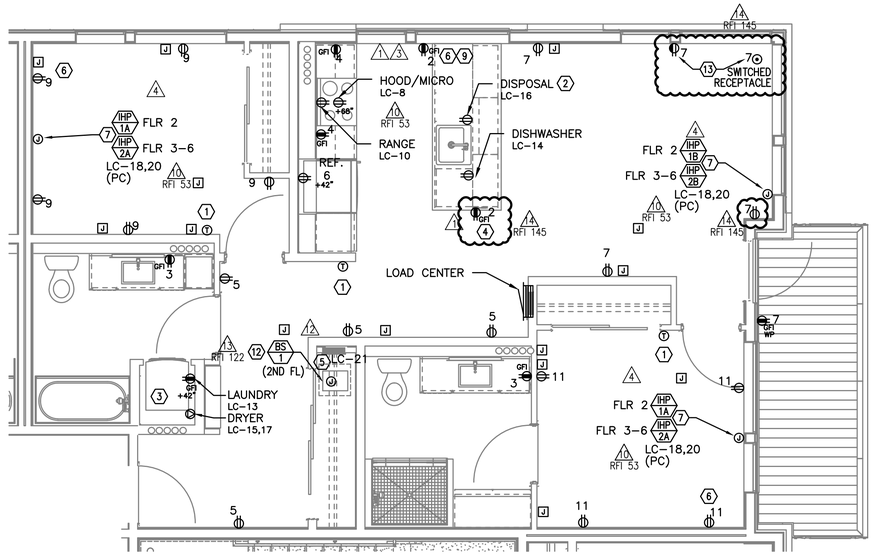
ROBERT L. CONNELL
STATE OF WASHINGTON
30653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

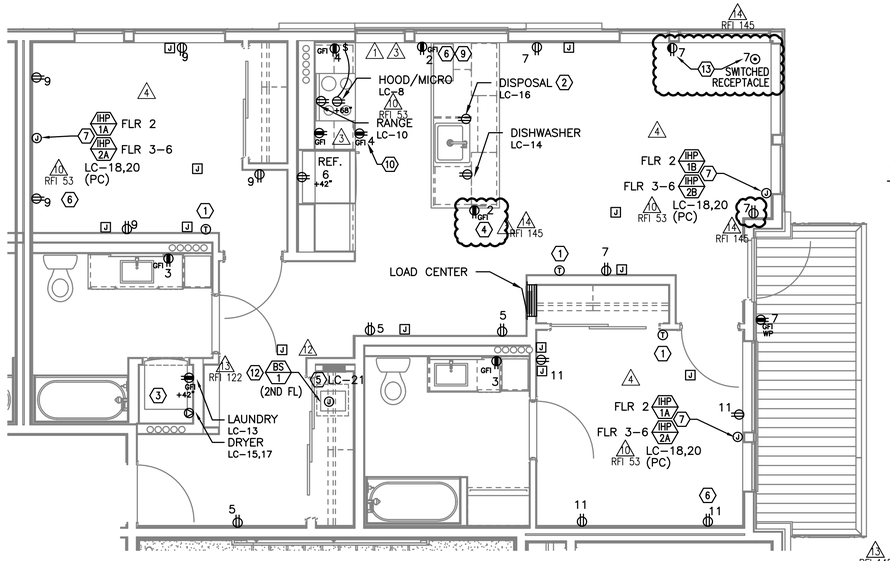
AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

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

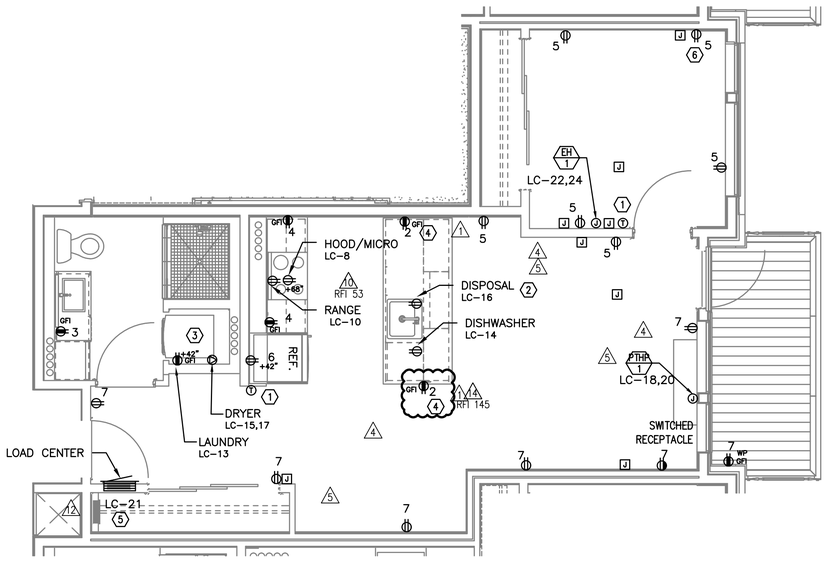
SHEET:
E1.02



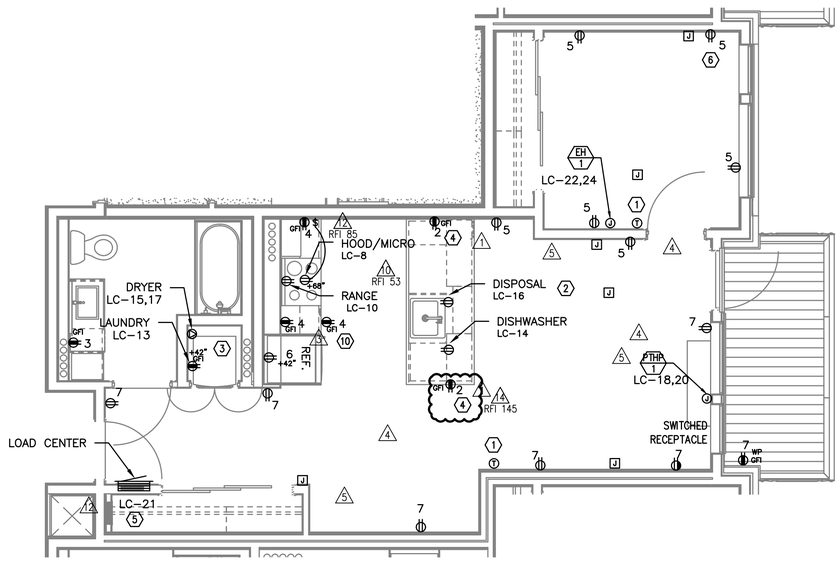
TYPICAL UNIT TYPE A
1 / E4.11 — 2 BED/2 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE A–ADA
2 / E4.11 — 2 BED/2 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"



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



TYPICAL UNIT TYPE B–ADA
4 / E4.11 — 1 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

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. DISPOSAL TO BE PROVIDED WITH "SAFEAIRE" SINK DISPOSAL AIR SWITCH, MOUNTED PER ARCHITECT'S DIRECTION. VERIFY DEVICE FINISH WITH ARCHITECT PRIOR TO ORDERING.
3. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.
4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.
5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.
6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.
7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.
8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU–WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.
9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.
10. RECEPTACLE MOUNTED IN FACE OF CABINET.
11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.
12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI–SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.
13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

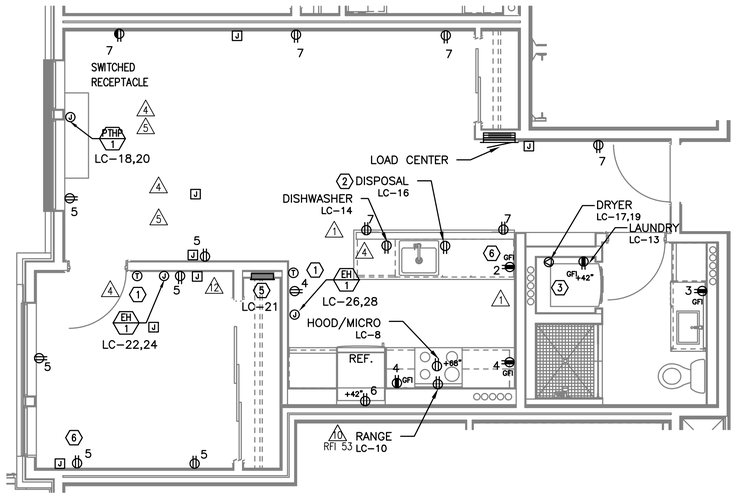
MFIA INC.
Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234-0548
FAX: (503) 234-0677
WWW.MFIA-ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

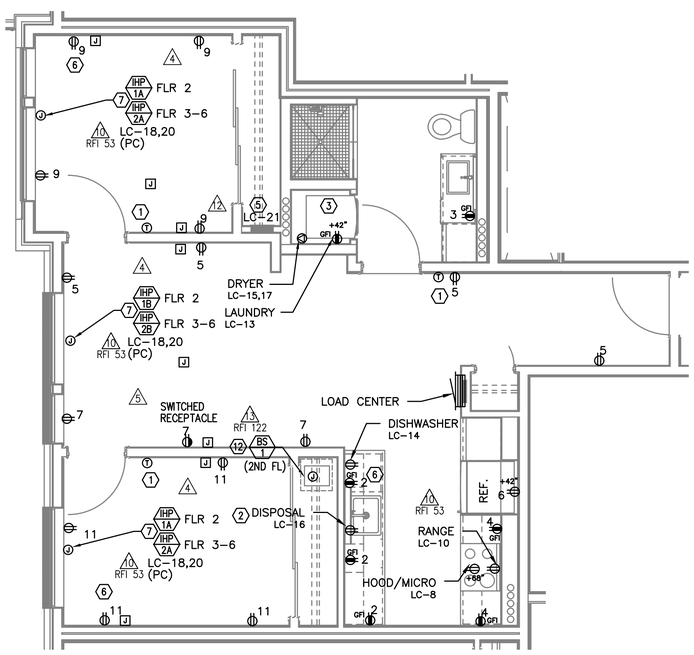
SHEET:
E4.11



TYPICAL UNIT TYPE C

1 / E4.12 — 1 BED/1 BATH – POWER PLAN

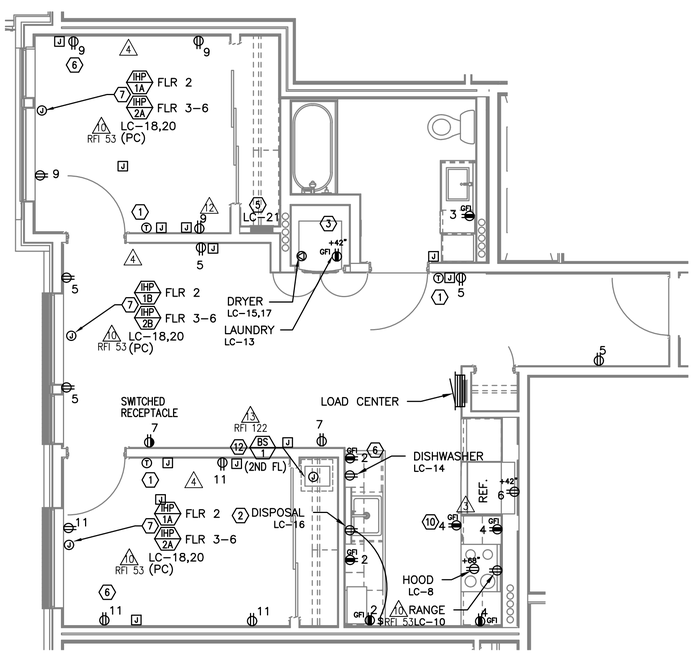
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE D

2 / E4.12 — 2 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE D-ADA

3 / E4.12 — 2 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

△1 RFI 145 H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

KEYED NOTES:

△5 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.

△1 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. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.

4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.

5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.

6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.

7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.

8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU-WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.

9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.

10. RECEPTACLE MOUNTED IN FACE OF CABINET.

11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.

△3 RFI 122 12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI-SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.

△4 RFI 145 13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

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

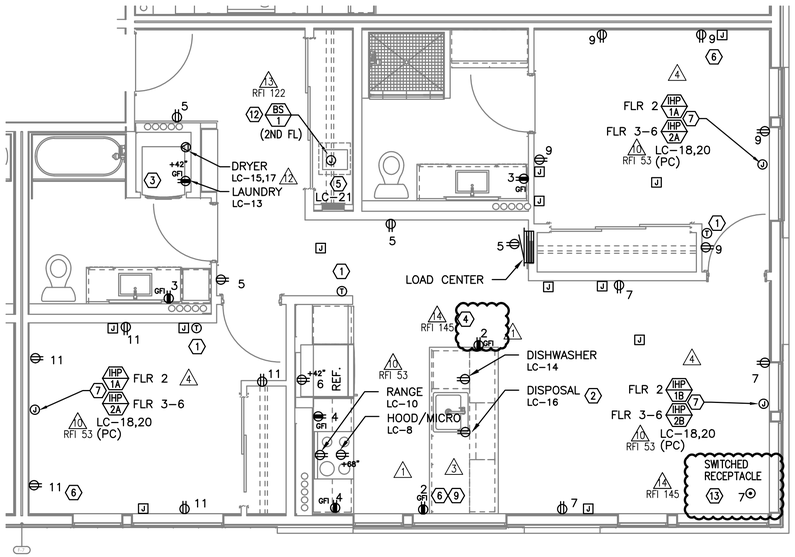
ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER

EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
△1 PLAN REVIEW 01.24.2020
△2 PLAN REVIEW 03.13.2020
△3 PLAN REVIEW 04.24.2020
△4 PLAN REVIEW 08.10.2020
△5 PLAN REVIEW 09.17.2020
△6 PLAN REVIEW 10.16.2020
△8 PLAN REVIEW 11.25.2020
△9 PLAN REVIEW 03.26.2021
△10 PLAN REVIEW 07.15.2021
△12 COORDINATION 08.27.2021
△13 COORDINATION 11.05.2021
△14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

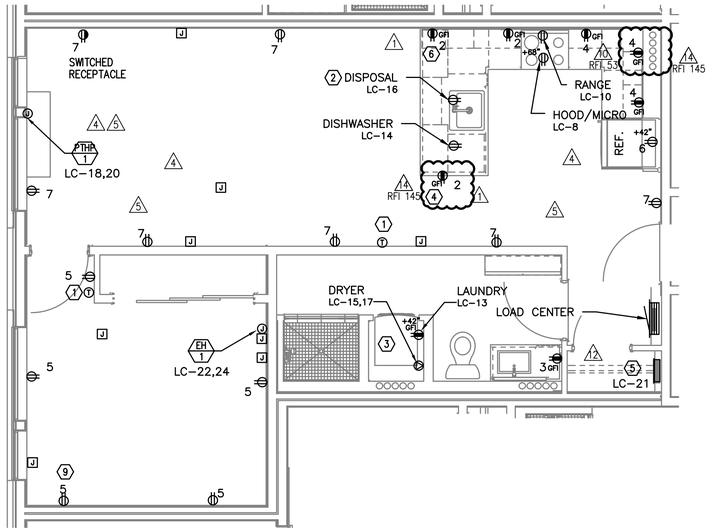
SHEET:
E4.12



TYPICAL UNIT TYPE E

1 / E4.13 — 2 BED/2 BATH – POWER PLAN

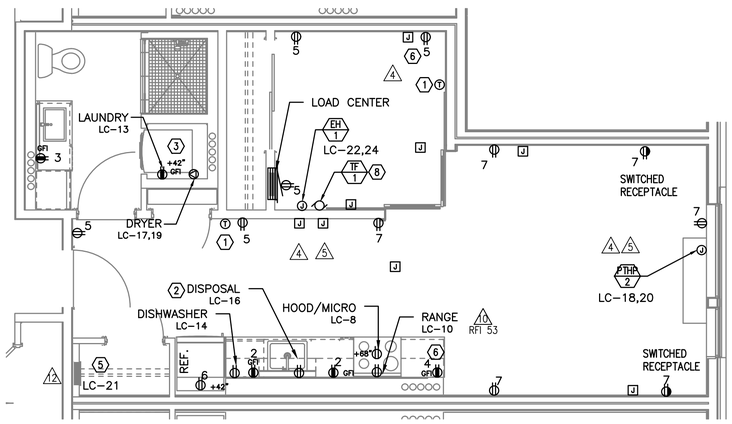
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE F

2 / E4.13 — 1 BED/1 BATH – POWER PLAN

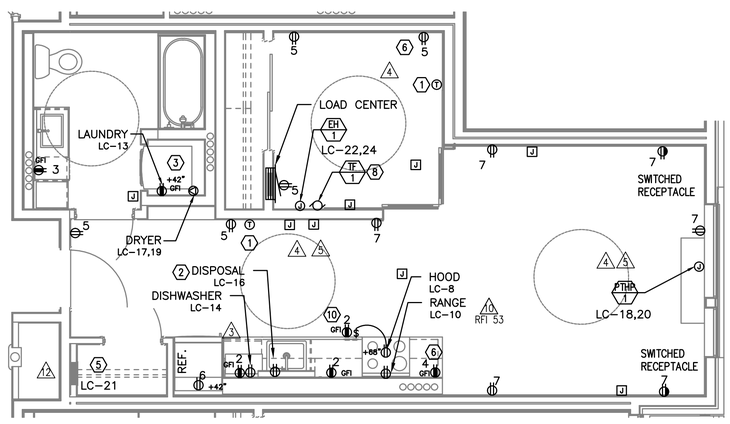
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE G

3 / E4.13 — 0 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE G-ADA

4 / E4.13 — 0 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

13 / RFI 145 H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

KEYED NOTES:

5 / 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.

1 / 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. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.

4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.

5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.

6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.

7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.

8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU-WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.

9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.

10. RECEPTACLE MOUNTED IN FACE OF CABINET.

11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.

3 / RFI 122 12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI-SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.

4 / RFI 145 13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

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

ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER

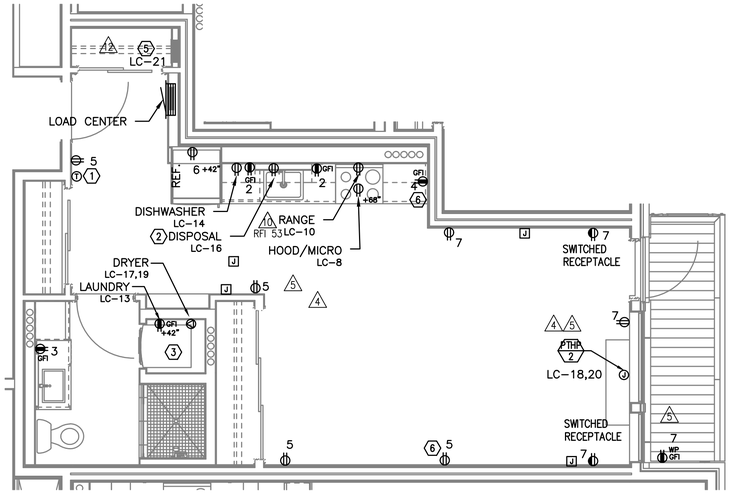
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

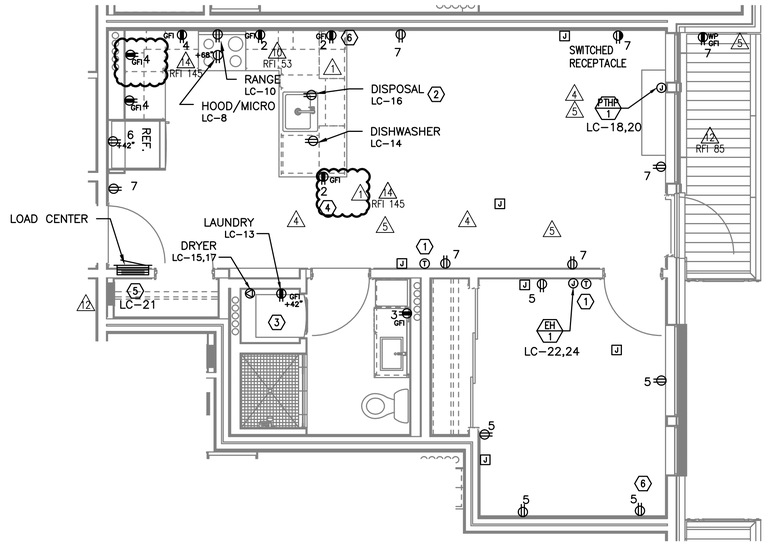
AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:

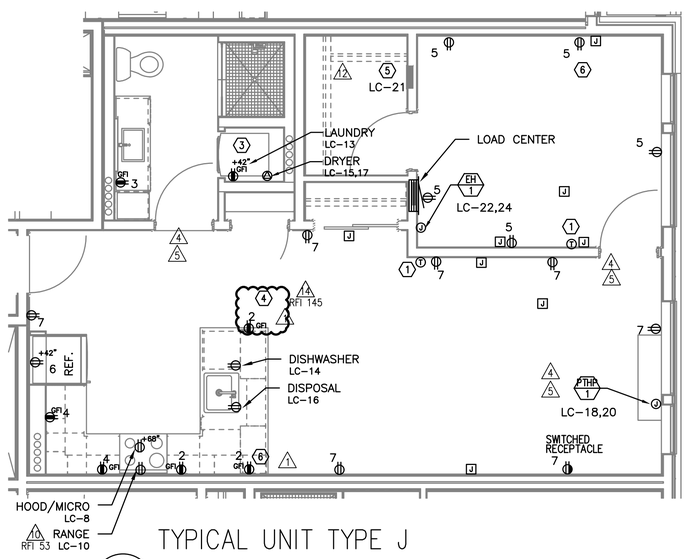
E4.13



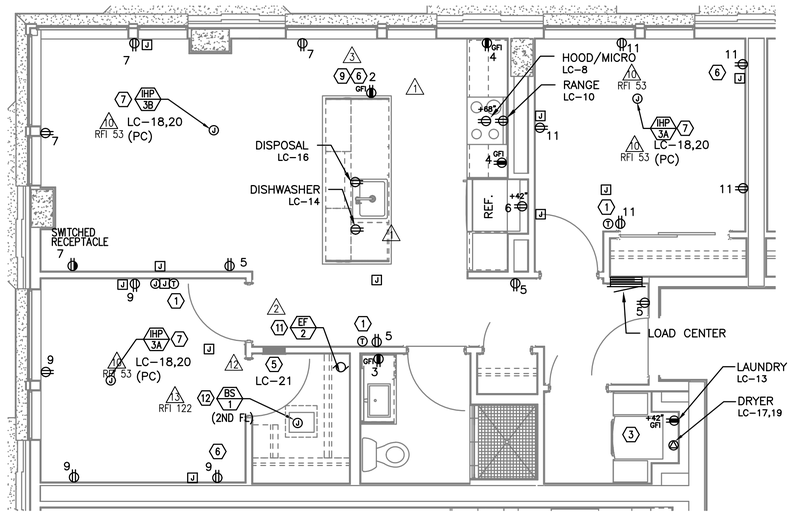
TYPICAL UNIT TYPE H
1 / E4.14 — 0 BED/2 BATH – POWER PLAN
SCALE: 1/4" = 1'–0"



TYPICAL UNIT TYPE I
2 / E4.14 — 1 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'–0"



TYPICAL UNIT TYPE J
3 / E4.14 — 1 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'–0"



TYPICAL UNIT TYPE K
4 / E4.14 — 2 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'–0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

△13 RFI 145 H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

KEYED NOTES:

△5 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.

△1 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. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.

4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.

5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.

6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.

7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.

8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU–WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.

9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.

10. RECEPTACLE MOUNTED IN FACE OF CABINET.

11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.

△13 RFI 122 12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI–SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.

△14 RFI 145 13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

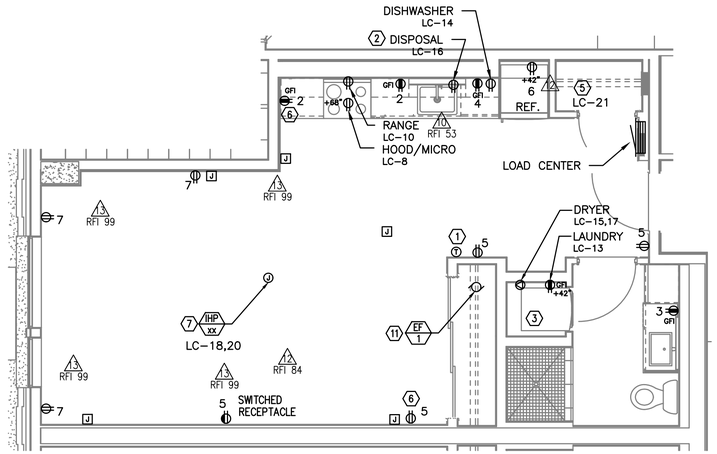
MFIA INC.
Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234–0548
FAX: (503) 234–0677
WWW.MFIA–ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL — STATE OF WASHINGTON — 30653 — REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

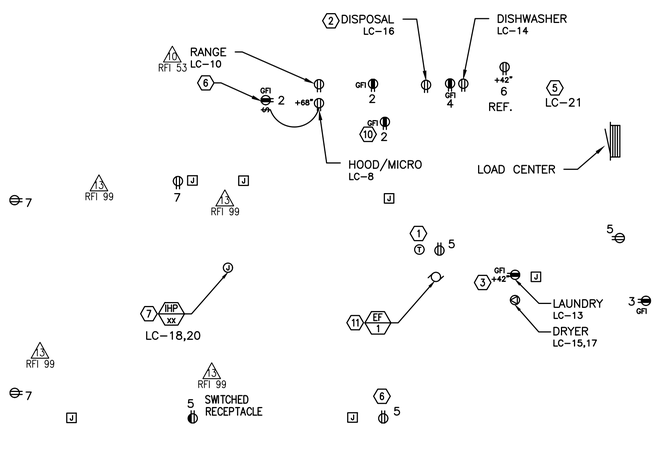
SHEET:
E4.14



TYPICAL UNIT TYPE L

1 / E4.15 — 0 BED/1 BATH – POWER PLAN

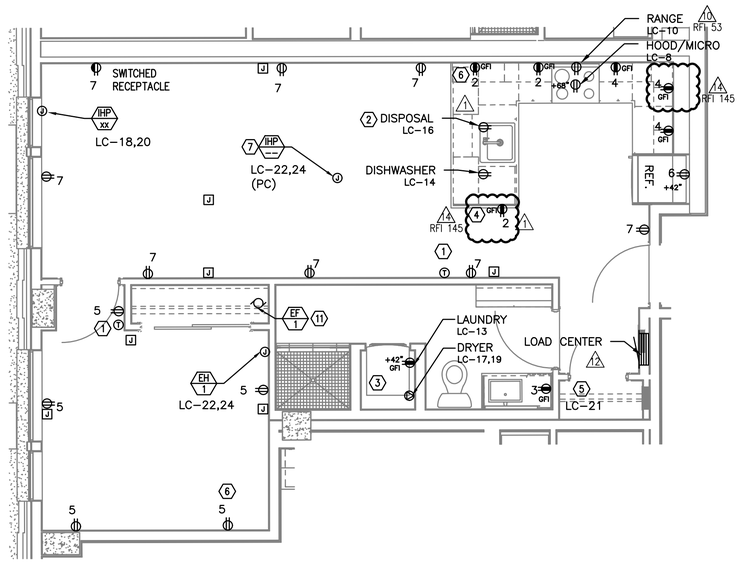
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE L–ADA

2 / E4.15 — 0 BED/1 BATH – POWER PLAN

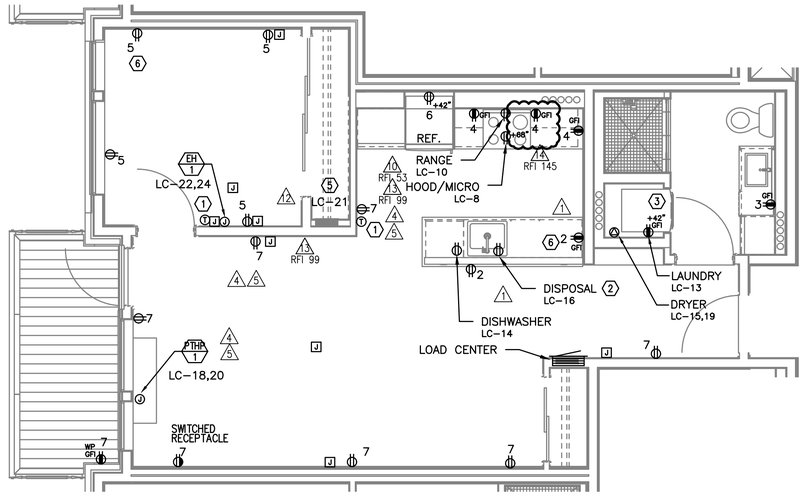
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE M

3 / E4.15 — 1 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE N

4 / E4.15 — 1 BED/1 BATH – POWER PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

13 RFI 145 H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

⬡ KEYED NOTES:

5 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.

1 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. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.

4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.

5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.

6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.

7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.

8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU–WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.

9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.

10. RECEPTACLE MOUNTED IN FACE OF CABINET.

11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.

13 RFI 122 12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI–SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.

14 RFI 145 13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

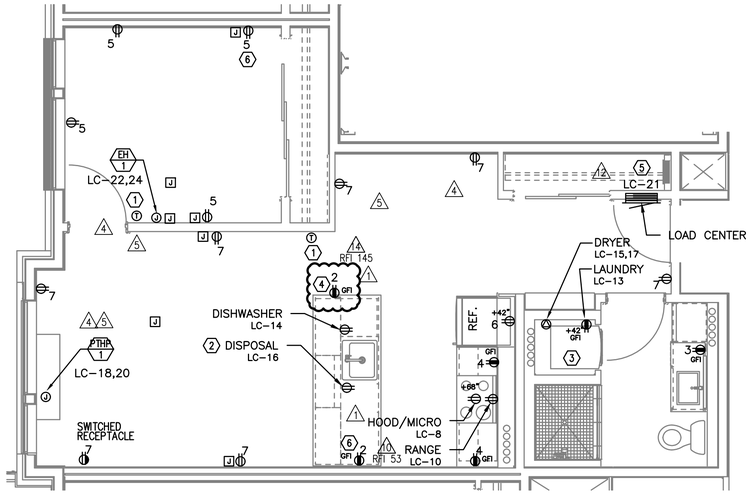
MFIA INC.
Consulting Engineers
2007 S.E. Ash St.
Portland, OR 97214
PHN: (503) 234–0548
FAX: (503) 234–0677
WWW.MFIA–ENG.COM
CONTACT: DENISE TAYLOR

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED
PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

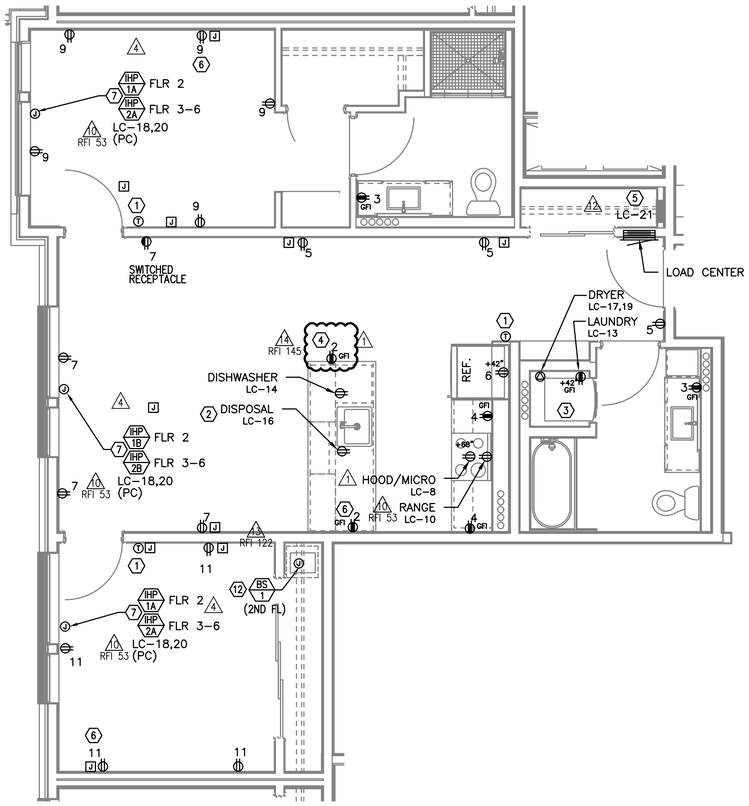
PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
1 PLAN REVIEW 01.24.2020
2 PLAN REVIEW 03.13.2020
3 PLAN REVIEW 04.24.2020
4 PLAN REVIEW 08.10.2020
5 PLAN REVIEW 09.17.2020
6 PLAN REVIEW 10.16.2020
8 PLAN REVIEW 11.25.2020
9 PLAN REVIEW 03.26.2021
10 PLAN REVIEW 07.15.2021
12 COORDINATION 08.27.2021
13 COORDINATION 11.05.2021
14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

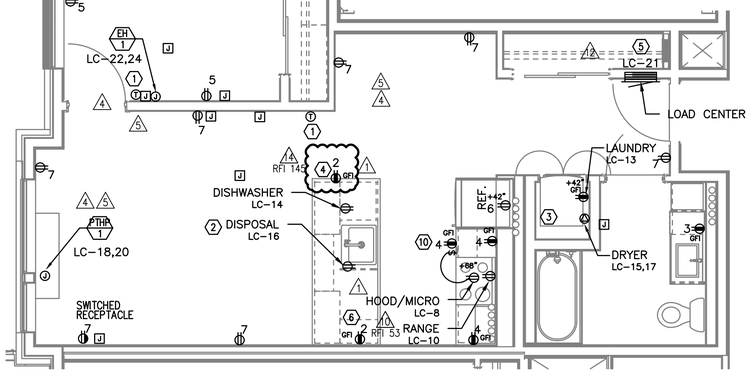
SHEET:
E4.15



TYPICAL UNIT TYPE O
1 / E4.16 — 1 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE P
2 / E4.16 — 2 BED/2 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"



TYPICAL UNIT TYPE O-ADA
2 / E4.16 — 1 BED/1 BATH – POWER PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

A. 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.

B. REFER TO DETAILS ON SHEET E1.23 FOR ADDITIONAL INFORMATION REGARDING ADA REACH REQUIREMENTS FOR RECEPTACLE AND SWITCH MOUNTING HEIGHT.

C. STANDARD RECEPTACLE MOUNTING HEIGHT IS 18" A.F.F. UNLESS OTHERWISE SPECIFIED. RECEPTACLES LOCATED BELOW WINDOW SILLS SHALL NOT BE LESS THE 15" A.F.F.

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

E. REFER TO SHEET E1.17 FOR TYPICAL UNIT LOAD CENTER DIRECTORIES.

F. RECEPTACLE FOR PTHP UNIT SHALL BE LOCATED BELOW THE UNIT, NEAR THE BASE OF THE WALL SUCH THAT THE CORD SET IS CONCEALED AS MUCH AS POSSIBLE. COORDINATE INSTALLATION WITH THE MECHANICAL INSTALLER.

G. COORDINATE WITH THE 'T' SERIES SHEETS AND PROVIDE ROUGH IN FOR LOW VOLTAGE SYSTEMS ( ) REFERS TO ROUGH IN BOXES.

H. ALL KITCHEN COUNTER TOP RECEPTACLES SHALL BE INSTALLED A MINIMUM OF 36" FROM A CORNER WALL PER ADA REQUIREMENTS. WHERE COUNTERS ARE NOT LONG ENOUGH TO ACCOMMODATE THIS, THE RECEPTACLE SHALL BE PLACE ON AN END WALL, NO MORE THAN 12" FROM THE FRONT EDGE OF THE COUNTER.

⚠ 14 RFI 145

⬡ KEYED NOTES:

⚠ 5 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.

⚠ 1 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. REFER TO DETAIL 2/E1.17 FOR TYPICAL LAUNDRY ALCOVE RECEPTACLE LOCATIONS. COORDINATE INSTALLATION WITH MECHANICAL & PLUMBING CONTRACTOR.

4. MOUNT DEVICES HORIZONTALLY, JUST UNDER THE EDGE OF THE COUNTER TOP.

5. PROVIDE ONE 15A, RECEPTACLE CIRCUIT FROM TENANT LOAD CENTER FOR TELECOM SMART PANEL. COORDINATE WORK WITH SERVICE PROVIDER FOR EXACT LOCATION AND FINAL CONNECTION.

6. PROVIDE ONE 20A, 120V, 1P RECEPTACLE WITH USB PORT, MOUNTED AT 44" A.F.F (MAX) AT KITCHEN ISLAND/PENNISULA COUNTER & AT 18" AFF IN BEDROOMS. CONSULT ARCHITECT AND/OR INTERIOR DESIGNER FOR ADDITIONAL LOCATIONS WHERE REQUIRED.

7. INDOOR HEAT PUMP UNIT INTERCONNECTED WITH OUTDOOR UNIT LOCATED ON ROOF. CONTRACTOR SHALL COORDINATE WITH THE MECHANICAL HVAC INSTALLER AND MECHANICAL PLANS FOR EXACT POWER REQUIREMENTS & LOCATION OF EACH UNIT PRIOR TO ROUGH IN.

8. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS, CONTROLS & LOCATION OF THRU-WALL FAN. TIE INTO BEDROOM RECEPTACLE CIRCUIT.

9. MOUNT DEVICES HORIZONTALLY, UNDER WINDOW SILL.

10. RECEPTACLE MOUNTED IN FACE OF CABINET.

11. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT POWER REQUIREMENTS & LOCATION OF CONTINUOUS OPERATING EXHAUST FAN. TIE INTO LIVING ROOM LIGHTING RECEPTACLE CIRCUIT.

⚠ 3 RFI 122 12. PROVIDE POWER CONNECTION FOR BRANCH BOX, TIED INTO THE MINI-SPLIT SYSTEM, FROM THE TENANT LOAD CENTER. COORDINATE WORK WITH THE MECHANICAL EQUIPMENT INSTALLER.

⚠ 14 RFI 145 13. IN UNITS AT THE PT DECK, PROVIDE SURFACE MOUNTED RECEPTACLES AT STANDARD MOUNTING HEIGHT ON THE CORNER COLUMN. CONSULT ARCHITECT FOR ADDITIONAL INFORMATION.

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

ROBERT L. CONNELL
STATE OF WASHINGTON
20653
REGISTERED PROFESSIONAL ENGINEER
EXPIRES: July 5th, 2020

PROJECT # 2017-053
DATE: 11/06/2019
REVISIONS
⚠1 PLAN REVIEW 01.24.2020
⚠2 PLAN REVIEW 03.13.2020
⚠3 PLAN REVIEW 04.24.2020
⚠4 PLAN REVIEW 08.10.2020
⚠5 PLAN REVIEW 09.17.2020
⚠6 PLAN REVIEW 10.16.2020
⚠8 PLAN REVIEW 11.25.2020
⚠9 PLAN REVIEW 03.26.2021
⚠10 PLAN REVIEW 07.15.2021
⚠12 COORDINATION 08.27.2021
⚠13 COORDINATION 11.05.2021
⚠14 COORDINATION 12.10.2021

AEGIS
MIXED-USE DEVELOPMENT
312 E EVERGREEN BOULEVARD, VANCOUVER, WA 98660

SHEET:
E4.16