RA LONG HIGH SCHOOL KITCHEN REMODEL

PROJECT TEAM

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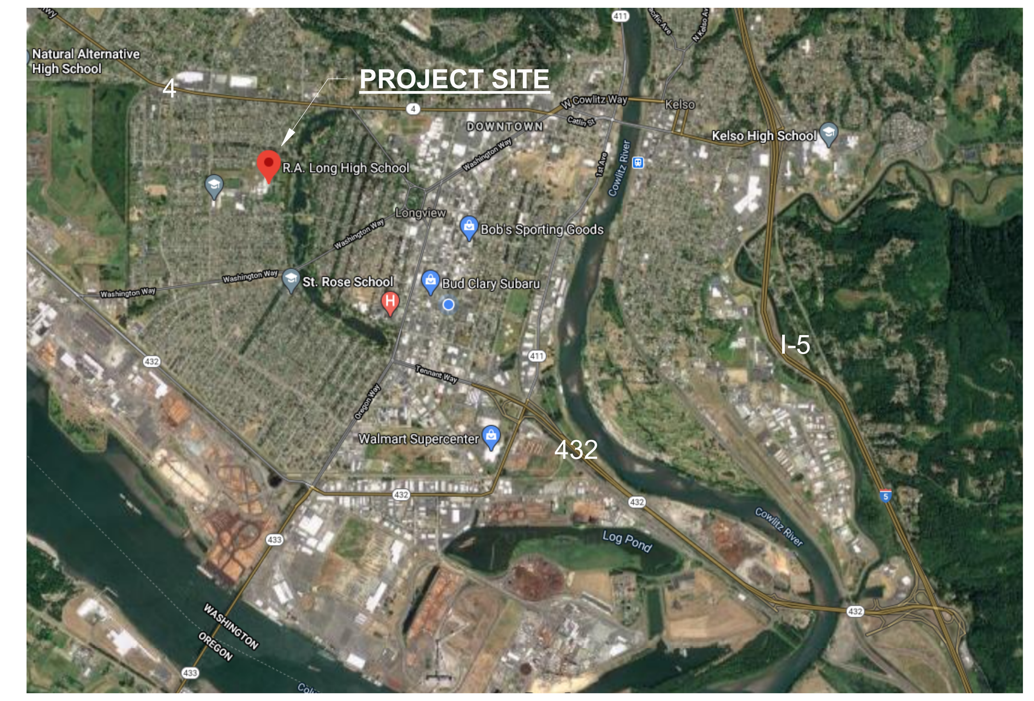
INDEX OF DRAWINGS

VICINITY MAP

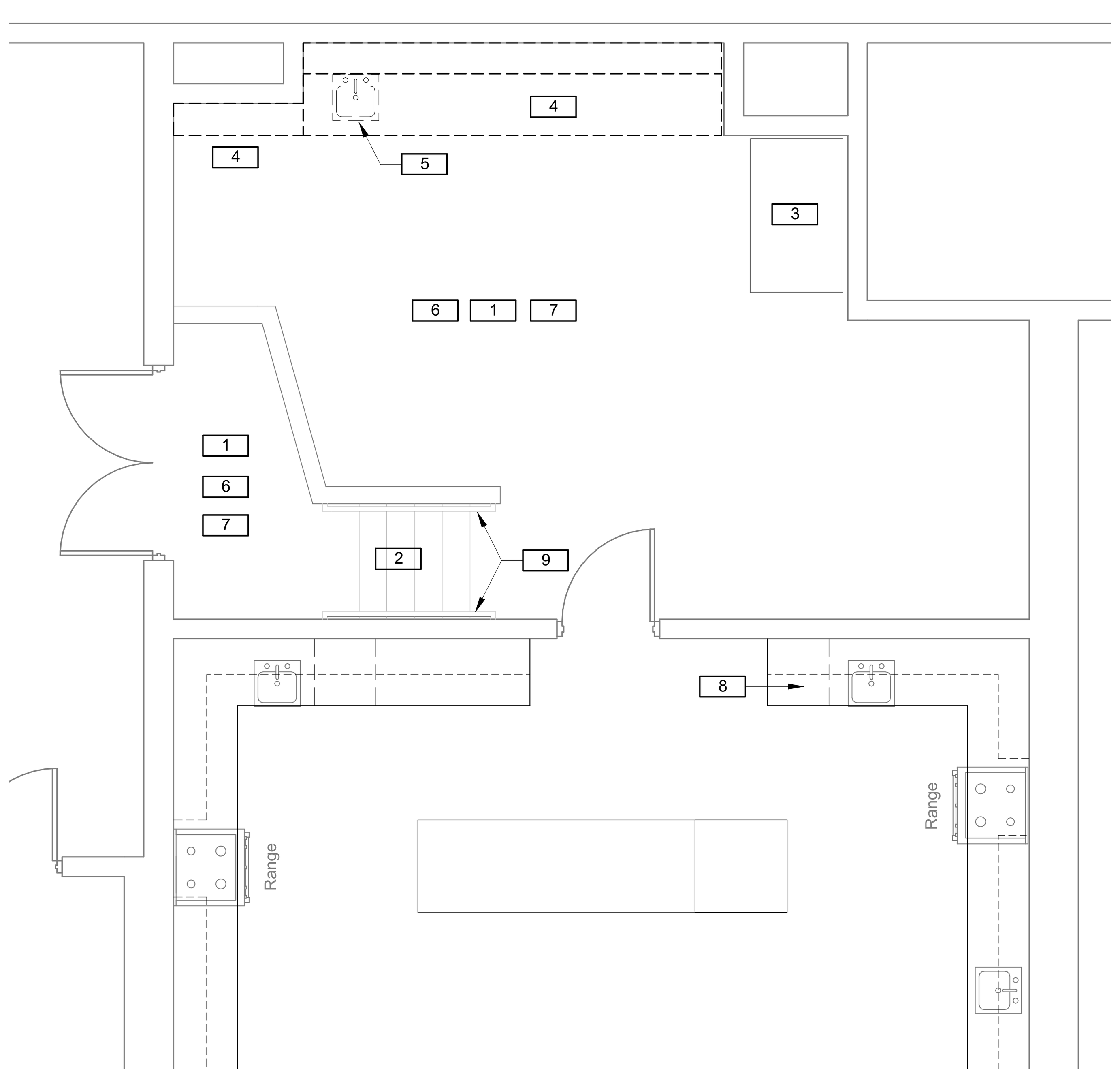


PROJECT DESCRIPTION

THIS PROJECT SCOPE INCLUDES THE ADDITION OF TWO NEW SINKS, LVT FLOORING, CEILING TILES, WALL FINISHES, AND AN ICEMAKER. IN ADDITION THE MICROWAVES IN THE ADJACENT ROOM ARE BEING REWIRED TO BE ON SEPARATE CIRCUITS.

GENERAL NOTES

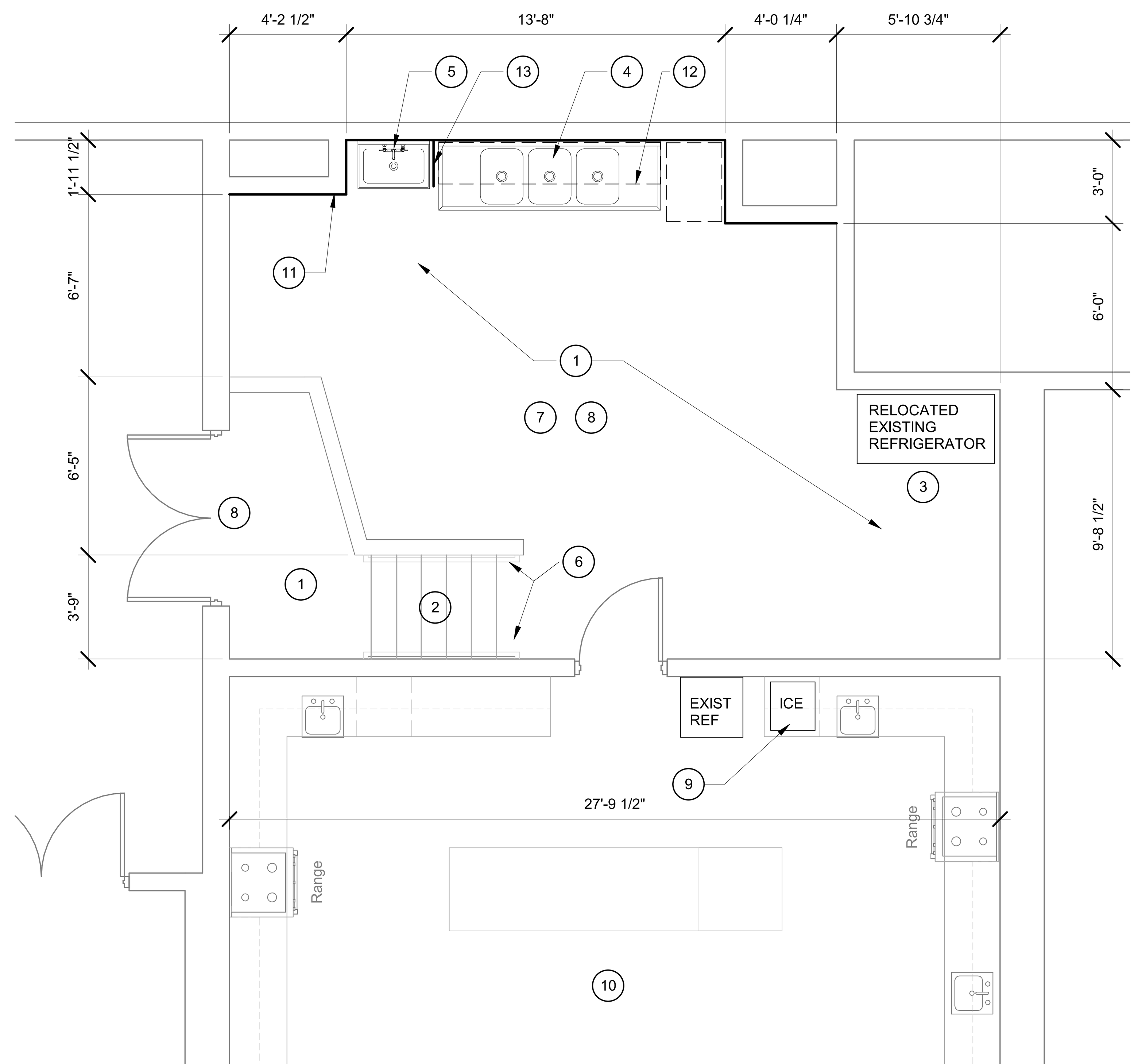
1. ALL PLUMBING WORK SHALL BE DESIGN BUILD.
2. CLEAN EXISTING CEILING TILE GRID AND ALL HVAC / FIRE ALARM EQUIPMENT



1 A3.0 DEMO PLAN
1/4" = 1'-0"

DEMO PLAN KEYNOTES:

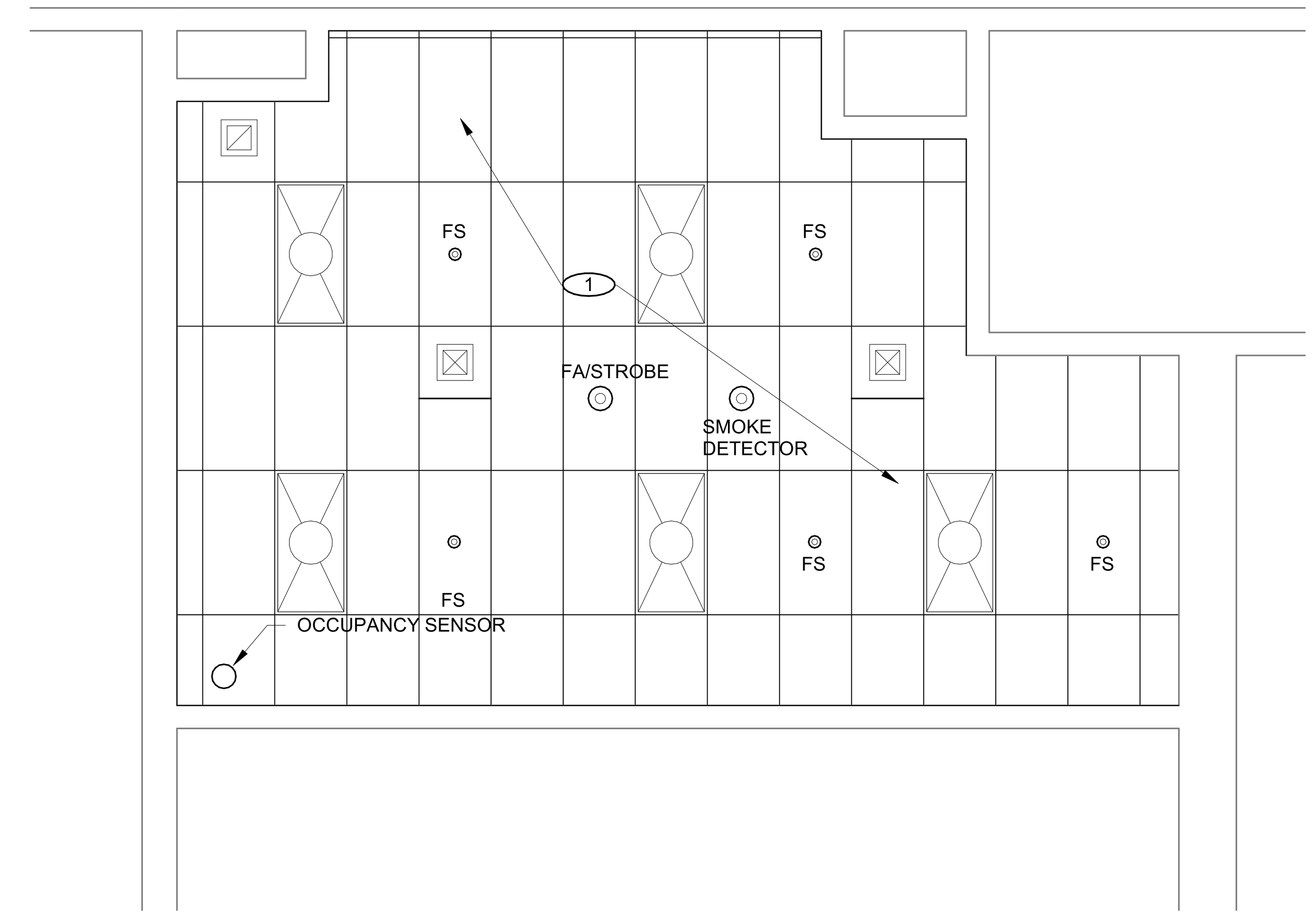
1. REMOVE EXIST VCT FLOORING THROUGHOUT ENTIRE ROOM. PREP EXISTING CONCRETE FLOOR FOR NEW LVT FLOORING ACCORDING TO LVT MANUFACTURER RECOMMENDATIONS
2. REMOVE EXIST STAIR TREADS. PREP FOR NEW RUBBER TREADS ACCORDING TO RUBBER STAIR TREAD MANUFACTURER RECOMMENDATIONS
3. EXISTING STAND ALONE FREEZER TO BE RELOCATED
4. REMOVE EXISTING CABINETRY AND SHELVING.
5. REMOVE EXISTING SINK. SALVAGE PLUMBING FOR REUSE
6. REMOVE EXISTING RUBBER BASE THROUGHOUT ENTIRE ROOM
7. PREP WALLS THROUGHOUT ENTIRE ROOM FOR NEW PAINT INCLUDING THE STAIR HALF WALL. PATCH WALLS WHERE CASEWORK HAS BEEN REMOVED
8. REMOVE EXISTING DISHWASHER. SALVAGE AND RETURN TO OWNER
9. PREP EXISTING HANDRAILS FOR NEW PAINT



2 A3.0 FLOOR PLAN
1/4" = 1'-0"

FLOOR PLAN KEYNOTES:

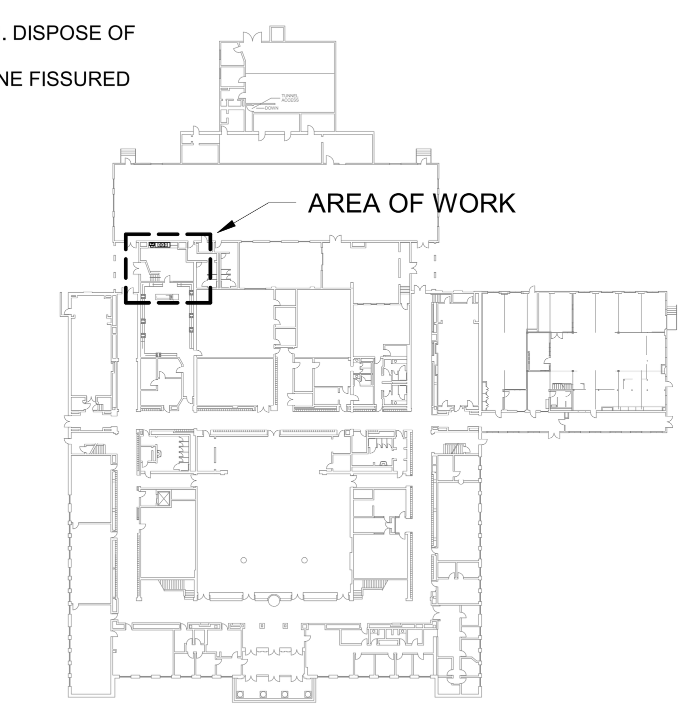
1. LVT FLOORING AND RUBBER BASE THROUGHOUT ROOM,
BASIS OF DESIGN : ARMSTRONG FLOORING NA194 AVILA OAK MADRID GREY LVT WITH ANY REQUIRED TRANSITION STRIPS
BASIS OF DESIGN : FLEXCO BLACK RUBBER BASE.
2. RUBBER STAIR TREADS,
BASIS OF DESIGN: TREAD ULINE: 3653 - INDOOR VINYL - BLACK.
BASIS OF DESIGN: RISER ULINE: H-5196 VINYL - BLACK.
3. RELOCATE EXISTING FREEZER TO THIS LOCATION
4. STAINLESS STEEL TRIPLE COMPARTMENT SINK. USE EXIST ADJACENT PLUMBING
BASIS OF DESIGN: REGENCY 91" 16-GAUGE STAINLESS STEEL THREE COMPARTMENT #600S317172G
BASIS OF DESIGN: (FAUCET) WATERLOO 1.15 GPM WALL-MOUNTED PRE-RINSE FAUCET #750PRW814
5. STAINLESS STEEL SINGLE HANDWASH SINK
BASIS OF DESIGN: SANI-LAV 5A1F-0.5 ADA COMPLIANT WALL MOUNT SINK WITH FAUCET, LOW-FLOW 0.5 GPM
6. PAINT EXIST STEEL HANDRAILS
7. PAINT ALL WALLS THROUGHOUT ENTIRE ROOM WITH SEMI-GLOSS PAINT
8. INSTALL PANIC HARDWARE WITH INTERGRAL BATTERY POWERED CARD SWIPE DOOR ACCESS PROVIDED BY OWNER ON EXISTING DOOR.
9. PROVIDE AND INSTALL UNDER COUNTER ICE MAKER IN PLACE OF EXISTING DISHWASHER. REUSE EXISTING PLUMBING PROVIDING THE REQUIRED DRAIN AIR GAP. PROVIDE A DRAIN PUMP FOR ICE MAKER IN ORDER TO DRAIN INTO ADJACENT SINK PLUMBING.
BASIS OF DESIGN: Ice-O-Matic UCG100A
10. REVISE EXISTING MICROWAVE WIRING TO PROVIDE SEPARATE CIRCUITS FOR EACH MICROWAVE. SEE ELECTRICAL
11. FRP FULL HEIGHT, BASIS OF DESIGN: CRANE COMPOSITES VARIETEX - LINEN TEXTURE
12. 18"x96" METAL WIRE WALL DRYING SHELVING ABOVE TRIPLE SINK
13. STAINLESS STEEL WALL MOUNT SPLASH GUARD (20" W X 20" H)



3 A3.0 FIRST FLOOR REFLECTED CEILING
1/4" = 1'-0"

REFLECTED CEILING PLAN KEYNOTES:

1. REPLACE ALL CEILING TILES WITH NEW. GRID TO REMAIN. DISPOSE OF EXISTING TILES.
BASIS OF DESIGN: ARMSTRONG: 2X4 CERAMAGUARD - FINE FISSURED



KEYPLAN

Revision Schedule		
#	Date	Description

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LPS - RA LONG KITCHEN REMODEL
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PERMIT SET
6-23-2023

FLOOR PLANS

23038

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ELECTRICAL SPECIFICATIONS:

1. SCOPE: PROVIDE ALL LABOR, MATERIAL, AND WORK NECESSARY TO PROVIDE A COMPLETE AND OPERABLE ELECTRICAL INSTALLATION.
2. SECURE AND PAY FOR ALL REQUIRED PERMITS, AND INSPECTIONS.
3. PROVIDE A COMPLETE SET OF ELECTRONIC SUBMITTAL CATALOG CUTS FOR ALL EQUIPMENT BEING SUPPLIED TO THIS PROJECT.
4. REVIEW ALL CONTRACT DOCUMENTS AND PROVIDE ALL ELECTRICAL MATERIAL AND WORK INDICATED THEREON.
5. RETURN APPROVED ELECTRICAL PERMIT PLANS TO THE OWNER AT THE END OF THE PROJECT.
6. APPROVAL OF SHOP DRAWINGS OR ALTERNATE EQUIPMENT SUBMITTALS DOES NOT REMOVE THE CONTRACTOR'S REQUIREMENT TO COMPLY WITH THE CONTRACT DOCUMENT'S INTENT.
7. WARRANTY: ALL WORK AND MATERIAL SHALL BE WARRANTEED FOR ONE YEAR FROM SUBSTANTIAL COMPLETION.
8. PROVIDE ALL MATERIAL AND LABOR IN COMPLIANCE WITH THE NEC, AND ALL OTHER APPLICABLE NATIONAL, STATE AND LOCAL CODES.
9. ALL WORK SHALL BE DONE TO THE BEST INDUSTRY PRACTICES AND STANDARDS.
10. REPAIR ANY DAMAGE TO EXISTING ELECTRICAL EQUIPMENT CAUSED BY PROJECT WORK. PATCH ALL SURFACE OPENED OR DAMAGE BY THIS PROJECT TO MATCH ADJACENT SURFACE. VERIFY REQUIREMENTS WITH ARCHITECT.
11. ALL MATERIAL SUPPLIED SHALL BE U.L. LISTED FOR THE INTENDED PURPOSE.
12. ALL FEEDERS AND BRANCH CIRCUITRY SHALL BE IN EMT RACEWAY, OR MCCABLE. CONDUCTORS SHALL BE COPPER, THWN/THHN. ALL CIRCUITRY SHALL BE CONCEALED IN OCCUPIED SPACES UNLESS INDICATED SURFACE OR EXPOSED ON DRAWINGS.
13. OUTLET BOXES, PRESSED STEEL, 4" X 4" X 1 1/2"D MINIMUM.
14. RECEPTACLES AND LIGHT SWITCHES SHALL BE COMMERCIAL GRADE, 120V, 20 AMP. APPROVED MANUFACTURERS: HUBBELL, P& S, AH, LEVITON.
15. OCCUPANCY SENSORS: CEILINGS: DUAL TECHNOLOGY, 360 DEGREE; WALL SWITCH: INCLUDE A POSITIVE OFF SWITCH. APPROVED MANUFACTURERS: WATT STOPPER, SENSOR SWITCH, LEVITION, OR AS APPROVED.
16. OUTLET AND SWITCH COVER PLATES: STAINLESS STEEL.
17. SAFETY SWITCHES: HEAVY DUTY, FUSED, WITH INTERLOCKING DOORS AND FUSE REJECTION CLIP HOLDERS. SQ. D. , GE, SIEMENS, CUTLER-HAMMER/WESTINGHOUSE.
18. FUSES: U.L. CLASS RK5, T.D.
19. GROUNDING: PROVIDE GROUND CONDUCTOR IN ALL NEW CIRCUITRY. PROVIDE ALL CODE REQUIRED GROUNDING.

PANEL SCHEDULE H — LOCATION: HOME ECONOMICS

400A. BUSS 120/240v 1ph 3w — MAIN (LUGS)

NO	T	DESCRIPTION	KVA	BKR		BKR	KVA	DESCRIPTION	T	NO
1		HOME EC RANGE (E)	0.00	50A	A	30A	5.00	DRYER (E)	X	2
3		NOT IN USE		2P*	B	2P*				4
5	K	HOME EC RANGE (E)	8.00	50A	A	50A	8.00	HOME EC RANGE (E)	K	6
7				2P*	B	2P*				8
9	K	HOME EC RANGE (E)	8.00	50A	A	50A	8.00	HOME EC RANGE (E)	K	10
11				2P*	B	2P*				12
13	K	HOME EC RANGE (E)	8.00	50A	A					14
15				2P*	B					16
17	K	HOME EC RANGE (E)	8.00	50A	A					18
19				2P*	B					20
21	K	TEACHER'S LOUNGE RANGE (E)	8.00	50A	A					22
23				2P*	B					24
25	K	COOK TOP (E)	3.00	30A	A					26
27				2P*	B					28
29					A					30

LOAD CALCULATION		
LIGHTING	0.00	
LTG @ 125%		0.00
MOTORS	0.00	0.00
LRGST @ 25%		0.00
OUTLETS	0.00	0.00
DEDICATED OUTLETS		0.00
DEMAND OUTLETS@50%		
KITCHEN	59.00	
DEMAND KITCHEN		38.35
HEAT	0.00	0.00
MISCELLANEOUS	5.00	5.00
WELDERS		
CONNECTED KVA	64.00	= 266.67 AMP
DEMAND KVA	43.35	= 180.63 AMP

CIRCUIT BREAKER CODES	
S =	SHUNT TRIP BREAKERS
* =	EXISTING C.B. – ALL OTHERS NEW – (N) NEW LOAD
SPARE=	CIRCUIT BREAKER
BLANK=	C.B. POSITION
K =	KITCHEN
L =	LIGHTING
M =	MOTORS
D =	OUTLETS
H =	HEAT
X =	MISCELLANEOUS
W =	WELDERS
TC =	0 DEDICATED OUTLETS
K =	8 DEMAND KITCHEN

EXISING PANEL H
EXISTING SCHEDULE

PANEL SCHEDULE G — LOCATION: HOME ECONOMICS

225A. BUSS 120/208v 3ph 4w — MAIN (LUGS) — 100 AMP FEEDER (E)

NO	T	DESCRIPTION	KVA	BKR		BKR	KVA	DESCRIPTION	T	NO
1	L	LTG– RM 115 (E)	1.20	20A*	A	20A*	0.90	DCO–RM 115, 115B (E)	D	2
3	L	LTG– RM 115 (E)	1.20	20A*	B	20A*	0.90	DCO–RM 115, 115B (E)	D	4
5	L	LTG– RM 22,23,114A (E)	1.20	20A*	C	20A*	0.72	DCO–HALLWAY, RM 22,23,114A (E)	D	6
7	L	LTG– RM 114 (E)	1.20	20A*	A	20A*	0.72	DCO–RM 4,20,22,114 (E)	D	8
9	L	LTG– RM 114 (E)	1.20	20A*	B	20A*	0.18	DCO–RM 114 (E)	D	10
11	L	LTG– RM 114 (E)	1.20	20A*	C	20A*	0.18	DCO–RM 114 (E)	D	12
13		SPARE CB (E)		20A*	A	20A*	0.18	DCO–RM 114 (E)	D	14
15	X	DCO– RM 115 (E) (COMPUTERS)	0.36	20A*	B	20A*	1.80	HOOD LTS RM 114, REFRIG, 2 MW (E)	K	16
17		SPARE CB (OFF)		20A*	C	20A*	0.18	DCO–RM 114 (E)	D	18
19		SPARE CB (OFF)		20A*	A	20A*	0.90	DCO–RM 114 (E), MICROWAVE (E)	K	20
21		SPARE CB (OFF)		20A*	B	20A*	0.18	DCO–RM 114 (E)	D	22
23		SPARE CB (OFF)		20A*	C	20A*	0.18	DCO–RM 114 (E)	D	24
25		SPARE CB (OFF)		20A*	A	20A*	0.18	DCO–RM 114 (E)	D	26
27		SPARE CB (OFF)		20A*	B	20A*	1.20	RM 114 (E), HOOD LTS, MICROWAVE (E)	K	28
29	X	FUTURE MANGLE (E)	3.00	20A*	C	20A*	0.90	DISPOSAL (E)	M	30
31				3P*	A	20A*	1.00	DISHWASHER (E)	X	32
33					B	20A*	0.18	DCO–RM 114 (E)	D	34
35	X	WASHER RM 114A (E)	1.00	20A*	C	20A*	0.18	DCO–RM 114 (E)	D	36
37	D	DCO RM 114 (E)	0.18	20A*	A	20A*	1.08	DCO–RM 114 MICROWAVE/HOOD (E)	K	38
39	D	DCO RM 114 (E)	0.18	20A*	B	20A*	0.18	DCO– RM 114 (E)	D	40
41	D	DCO RM 114 – REFRIG (E)	0.78	20A*	C	20A*	1.80	HOOD LTS RM 114 TWO MW (E)	K	42

LOAD CALCULATION		
LIGHTING	7.20	
LTG @ 125%		9.00
MOTORS	0.90	0.90
LRGST @ 25%		0.23
OUTLETS	6.18	6.18
DEDICATED OUTLETS		0.00
DEMAND OUTLETS@50%		
KITCHEN	6.78	
DEMAND KITCHEN		4.75
HEAT	0.00	0.00
MISCELLANEOUS	5.36	5.36
WELDERS		
CONNECTED KVA	26.42	= 73.39 AMP
DEMAND KVA	26.41	= 73.36 AMP

CIRCUIT BREAKER CODES	
S =	SHUNT TRIP BREAKERS
* =	EXISTING C.B. – ALL OTHERS NEW – (N) NEW LOAD
SPARE=	CIRCUIT BREAKER
BLANK=	C.B. POSITION
K =	KITCHEN
L =	LIGHTING
M =	MOTORS
D =	OUTLETS
H =	HEAT
X =	MISCELLANEOUS
W =	WELDERS
TC =	0 DEDICATED OUTLETS
K =	5 DEMAND KITCHEN

EXISTING PANEL "G" SCHEDULE
PER ORIGINAL DRAWINGS/PNL SCH..

PANEL SCHEDULE H — LOCATION: HOME ECONOMICS

400A. BUSS 120/240v 1ph 3w — MAIN (LUGS)

NO	T	DESCRIPTION	KVA	BKR		BKR	KVA	DESCRIPTION	T	NO
1		HOME EC RANGE (E)		50A	A	30A	5.00	DRYER (E)	X	2
3		NOT IN USE. RANGE REMOVED.		2P*	B	2P*				4
5	K	HOME EC RANGE (E)	8.00	50A	A	50A	8.00	HOME EC RANGE (E)	K	6
7				2P*	B	2P*				8
9	K	HOME EC RANGE (E)	8.00	50A	A	50A	8.00	HOME EC RANGE (E)	K	10
11				2P*	B	2P*				12
13	K	HOME EC RANGE (E)	8.00	50A	A	20A(N)	0.36	GFCI OUTLET (N)	K	14
15				2P*	B	20A(N)	0.65	GFCI OUTLETS (N) – REFRIG	K	16
17	K	HOME EC RANGE (E)	8.00	50A	A	20A(N)	0.54	GFCI OUTLETS (N)	K	18
19				2P*	B	20A(N)	0.54	DCO–3 (N)	K	20
21	K	TEACHER'S LOUNGE RANGE (E)	8.00	50A	A	20A(N)				22
23				2P*	B	20A(N)				24
25	K	COOK TOP (E)	3.00	30A	A	20A)N)				26
27				2P*	B	20A(N)				28
29		SPARE CB		20A(N)	A	20A(N)				30

LOAD CALCULATION		
LIGHTING	0.00	
LTG @ 125%		0.00
MOTORS	0.00	0.00
LRGST @ 25%		0.00
OUTLETS	0.00	0.00
DEDICATED OUTLETS		0.00
DEMAND OUTLETS@50%		
KITCHEN	61.09	
DEMAND KITCHEN		39.71
HEAT	0.00	0.00
MISCELLANEOUS	5.00	5.00
WELDERS		
CONNECTED KVA	66.09	= 275.38 AMP
DEMAND KVA	44.71	= 186.29 AMP

CIRCUIT BREAKER CODES	
ST =	SHUNT TRIP BREAKERS
* =	EXISTING C.B. – ALL OTHERS NEW – (N) NEW LOAD
SPARE=	CIRCUIT BREAKER
BLANK=	C.B. POSITION
K =	KITCHEN
L =	LIGHTING
M =	MOTORS
D =	OUTLETS
H =	HEAT
X =	MISCELLANEOUS
W =	WELDERS
TC =	0 DEDICATED OUTLETS
K =	12 DEMAND KITCHEN

EXISTING PANEL H
REVISED PANEL SCHEDULE

PANEL SCHEDULE G — LOCATION: HOME ECONOMICS

225A. BUSS 120/208v 3ph 4w — MAIN (LUGS) — 100 AMP FEEDER (E)

NO	T	DESCRIPTION	KVA	BKR		BKR	KVA	DESCRIPTION	T	NO
1	L	LTG– RM 115 (E)	1.20	20A*	A	20A*	0.90	DCO–RM 115, 115B (E)	D	2
3		CB OFF.		20A*	B	20A*	0.90	DCO–RM 115, 115B (E)	D	4
5	L	LTG– RM 22,23,114A (E)	1.20	20A*	C	20A*	0.72	DCO–HALLWAY, RM 22,23,114A (E)	D	6
7	L	LTG– RM 114 (E)	1.20	20A*	A	20A*	0.72	DCO–RM 4,20,22,114 (E)	D	8
9	L	LTG– RM 114 (E)	1.20	20A*	B	20A*	0.18	DCO–RM 114(E)	D	10
11	L	LTG– RM 114 (E)	1.20	20A*	C	20A*	0.18	DCO–RM 114 (E)	D	12
13		SPARE CB (E) CB OFF		20A*	A	20A*	0.18	DCO–RM 114 (E)	D	14
15	X	DCO– RM 115 (E) (COMPUTERS)	0.36	20A*	B	20A*	1.00	HOOD LTS RM 114 MICROWAVE (E)	K	16
17	K	DISHWASHER (E) CB OFF		20A*	C	20A*	0.18	DCO–RM 114 (E)	D	18
19	K	ICE MACHINE (N)	1.00	20A*	A	20A*	0.90	DCO–RM 114 (E), MICROWAVE (E)	K	20
21		SPARE CB (E) CB OFF		20A*	B	20A*	0.18	DCO–RM 114 (E)	D	22
23	K	COOK TOP(E)	3.00	30A*	C	20A*	0.18	DCO–RM 114 (E)	D	24
25				2P	A	20A*	0.18	DCO–RM 114 (E)	D	26
27		SPARE CB		20A*	B	20A*	1.00	RM 114 (E), HOOD/MICROWAVE	K	28
29	K	MICROWAVE/HOOD RECIRCUITED	0.90	20A*	C	20A*	0.90	DISPOSAL (E)	M	30
31	K	MICROWAVE/HOOD RECIRCUITED	0.90	3P*	A	20A*	0.00	DISHWASHER (CB OFF) (E)	K	32
33	K	DCO S. REFRIG, (RECIRCUITED)	0.70		B	20A*	0.18	DCO–RM 114 (E)	D	34
35	X	WASHER RM 114A (E)	1.00	20A*	C	20A*	0.18	DCO–RM 114 (E)	D	36
37	D	DCO RM 114 (E)	0.18	20A*	A	20A*	0.90	RM 114 (E), MICROWAVE (E)	K	38
39	D	DCO RM 114 (E)	0.18	20A*	B	20A*	0.18	DCO RM 114 (E)	L	40
41	D	DCO RM 114 – REFRIG (E)	0.78	20A*	C	20A*	0.90	HOOD LTS RM 114–MICROWAVE (E)	K	42

LOAD CALCULATION		
LIGHTING	6.18	
LTG @ 125%		7.73
MOTORS	0.90	0.90
LRGST @ 25%		0.23
OUTLETS	6.00	6.00
DEDICATED OUTLETS		0.00
DEMAND OUTLETS@50%		
KITCHEN	11.20	
DEMAND KITCHEN		7.28
HEAT	0.00	0.00
MISCELLANEOUS	1.36	1.36
WELDERS		
CONNECTED KVA	25.64	= 71.22 AMP
DEMAND KVA	23.49	= 65.25 AMP

CIRCUIT BREAKER CODES	
S =	SHUNT TRIP BREAKERS
* =	EXISTING C.B. – ALL OTHERS NEW – (N) NEW LOAD
SPARE=	CIRCUIT BREAKER
BLANK=	C.B. POSITION
K =	KITCHEN
L =	LIGHTING
M =	MOTORS
D =	OUTLETS
H =	HEAT
X =	MISCELLANEOUS
W =	WELDERS
TC =	0 DEDICATED OUTLETS
K =	12 DEMAND KITCHEN

EXISTING PANEL "G"
REVISED SCHEDULE

ELECTRICAL SYMBOLS

SOME SYMBOLS MAY NOT APPEAR ON DRAWINGS
DASHED SYMBOLS INDICATE EXISTING DEVICE

- BRANCH CIRCUIT IN WALL OR CEILING
- BRANCH CIRCUIT EXPOSED
- BRANCH CIRCUIT IN FLOOR OR EARTH
- BRANCH CIRCUIT EXISTING
- TEL — TELEPHONE LINE
- DARKER LINES INDICATE NEW
- LIGHTER LINES INDICATE EXISTING
- HASH MARKS = # OF WIRES (NO HASH MARKS = 2 WIRES + 1 GRND)
- HASH MARKS = # OF WIRES W/ HARD WIRED GROUND
- LIGHTING FIXTURE-FLUORESCENT-RECESSED MOUNT
- LIGHTING FIXTURE-FLUORESCENT-SURFACE MOUNT
- LIGHTING FIXTURE-FLUORESCENT-W/ EMERGENCY BATTERY INVERTER
- LIGHTING FIXTURE-EXISTING SHOWN DOTTED (TYPICAL TO REMOVE)
- LIGHTING FIXTURE-EXISTING SHOWN LIGHT LINED (TYPICAL TO REMAIN)
- LIGHTING FIXTURE-WALL MOUNT
- LIGHTING FIXTURE-RECESSED
- LIGHTING FIXTURE-CEILING MOUNT
- LIGHTING FIXTURE-WALL SCONCE
- LIGHTING FIXTURE-BRACKET MOUNT
- LIGHTING FIXTURE-EMERGENCY BATTERY PACK
- LIGHTING FIXTURE-EXIT LIGHT
- LV TO RELAY — OCCUPANCY SENSOR, DUAL TECH
- LV TO RELAY — OCCUPANCY SENSOR - DUAL TECH, 360°
- OCCUPANCY SENSOR RELAY
- DUPLEX CONVENIENCE OUTLET (DCO)
- S — SAFETY TYPE DCO
- DCO 120V W/ GROUND FAULT PROTECTION
- DCO 120V W/ SPLIT CONTROLS LABEL OCCUPANCY CONTROL
- QUADPLEX CONVENIENCE OUTLET
- DEDICATED DCO (HARD/ISO WIRE GROUND) 20 AMP
- DEDICATED DCO (SPECIFIC EQUIPMENT)
- OUTLET 208V - AS NOTED
- JUNTION BOX
- FLOOR MOUNTED OUTLET - AS NOTED
- CONNECTION TO EQUIPMENT
- MOTOR DRIVEN DEVICE
- • = DEVICE OVER COUNTER
- S — LIGHTING SWITCH - SINGLE POLE
- Sa — LIGHTING SWITCH - SECTION AS NOTED
- S3 — LIGHTING SWITCH - THREE WAY
- S4 — LIGHTING SWITCH - FOUR WAY
- SD — LIGHTING SWITCH - DIMMER
- SK — LIGHTING SWITCH - KEYED
- SP — LIGHTING SWITCH - PILOT LIGHTED
- SMR — SWITCH - MOTOR RATED
- SOS OR SOC — WALL SWITCH TYPE OCCUPANCY SENSOR
- "?" — ELECTRICAL PANEL W/NAME (TYPICAL TO NEW)
- "?" — ELECTRICAL PANEL EXISTING W/NAME (TYPICAL TO REMOVE)
- "?" — ELECTRICAL PANEL EXISTING W/NAME (TYPICAL TO REMAIN)
- COMMUNICATIONS OUTLET
- D — 1 DATA CABLE OUTLET
- 2D — 2 DATA CABLE OUTLET
- 4D — 4 DATA CABLE OUTLET
- TV — TELEVISION OUTLET

PROVIDE EACH OUTLET WITH 1" C. TO ACCESSIBLE CEILING OR ATTIC.

- DISCONNECT W/FUSES
- DISCONNECT
- PHOTO ELECTRIC CELL
- TC — TIME CLOCK
- NL — NIGHT LIGHT
- WP — WEATHER PROOF
- BKR — CIRCUIT BREAKER
- PEC — PHOTO ELECTRIC CELL
- NEC — NATIONAL ELECTRICAL CODE
- 1" CONDUIT FROM DEVICE BOX TO ACCESSIBLE CEILING SPACE OR AS NOTED.
- CONDUIT HOME RUN FROM DEVICE BOX TO PANEL AS CIRCUITED.
- AIR / VAC CONTROLLER SUPPLIED BY VENDOR, INSTALLED BY CONTRACTOR. VERIFY PRIOR TO ROUGH-IN.
- W/ — WITH
- DCO — DUPLEX CONVENIENCE OUTLET
- CKT — CIRCUIT
- AFF — ABOVE FINISH FLOOR
- BFG — BELOW FINISHED GRADE
- A — FIXTURE TYPE - LETTER UNDERLINED
- # — NUMBERED HEX SYMBOLS: REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE
- A — LETTERED HEX SYMBOLS: REFER TO SHEET NOTES
- # # # # # # — OTHER SYMBOL SHAPES: REFER TO OTHER EQUIPMENT CONNECTION SCHEDULES AS NEEDED.

NOTE:
DOTTED SYMBOLS REFER TO DEVICES TO BE REMOVED. DASHED OR DOTTED CONDUIT LINES ON DEMO SHEETS ARE TO BE VERIFIED BEFORE REMOVAL. THESE ARE USUALLY INDICATIONS OF SURFACE OR UNDERGROUND RAN CONDUIT.

PANEL LOAD CALCULATIONS

PANEL H: EXISTING LOAD: 43.35 KVA, NEW LOAD 44.71 KVA: INCREASE 1.4% OF CAPACITY.
PANEL G: EXISTING LOAD: 26.41 KVA, NEW LOAD 23.49 KVA: DECREASE LOAD.

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Revision Schedule

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RONALD D. ATHAY
STATE OF WASHINGTON
17078
REGISTERED PROFESSIONAL ENGINEER
EXPIRES APRIL 5, 2024

LPS - RA LONG
KITCHEN REMODEL
2903 NICHOLS BLVD, LONGVIEW, WA 98632

PERMIT SET
6-23-2023

ELEC SYMBOLS & SCHEDULES

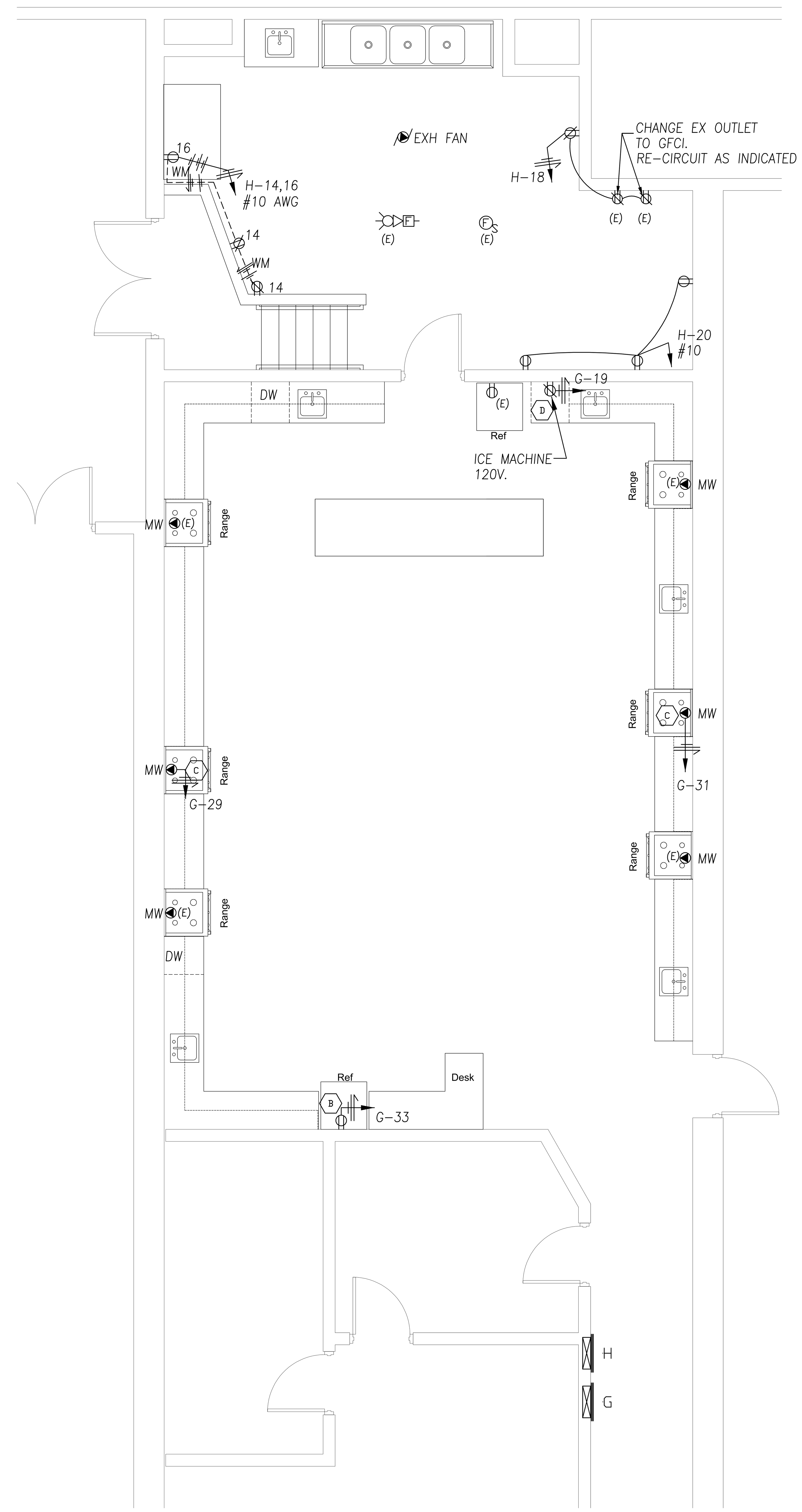
2020-03

SHEET NO.

E0.1

06/16/2023

2 E2.0 FIRST FLOOR POWER PLAN
SCALE: 1/4" = 1'-0"



SHEET HEX NOTES:

B — REVISE CIRCUITRY TO RECEPTACLE SERVING EXISTING REFRIGERATOR AS INDICATED. VERIFY REQUIREMENTS ON SITE.

C — REVISE CIRCUITRY TO EXISTING MICROWAVE AS INDICATED. VERIFY REQUIREMENTS ON SITE.

D — REVISE EXISTING DISH WASHER CONNECTION TO GFCI OUTLET TO SERVE NEW ICE MACHINE AS INDICATED. VERIFY REQUIREMENTS ON SITE. CONNECT TO EXISTING CIRCUITRY COMPLETE.

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PERMIT SET
6-23-2023

FIRST FLOOR PWR/LIGHTING

2020-03

SHEET NO.

E2.0

06/16/2023