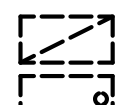


ELECTRICAL SYMBOL LIST



LIGHTING SYMBOLS

FLUORESCENT LIGHT FIXTURE, RECESSED
FLUORESCENT LIGHT FIXTURE, RECESSED – EMERGENCY
FLUORESCENT LIGHT FIXTURE, SURFACE MOUNT
FLUORESCENT LIGHT FIXTURE, SURFACE MOUNT – EMERGENCY
FLUORESCENT LIGHT FIXTURE, STRIP
FLUORESCENT LIGHT FIXTURE, STRIP – EMERGENCY
DOWNLIGHT FIXTURE, RECESSED
DOWNLIGHT FIXTURE, RECESSED, WALLWASH
DOWNLIGHT FIXTURE, RECESSED – EMERGENCY
FLUORESCENT LIGHT FIXTURE, WALL MOUNT
LIGHT FIXTURE, CEILING MOUNT
RECESSED LIGHT FIXTURE, WALL MOUNT
LIGHT FIXTURE, WALL MOUNT
LIGHT FIXTURE, WALL SCONCE
LIGHT FIXTURE, TRACK W/ HEADS AS SHOWN ON PLAN
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
H.I.D. AREA LUMINAIRE
H.I.D. AREA LUMINAIRE W/STANDBY LAMP
H.I.D. AREA LUMINAIRE, WALL MOUNT
H.I.D. AREA LUMINAIRE, POLE MOUNT

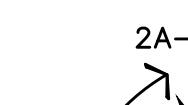


EXISTING FLUORESCENT LIGHT FIXTURE, RECESSED
EXISTING FLUORESCENT LIGHT FIXTURE, SURFACE MOUNT
EXISTING LIGHT FIXTURE, CEILING MOUNT
EXISTING LIGHT FIXTURE, WALL MOUNT
EXISTING FLUORESCENT LIGHT FIXTURE, STRIP



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.
\$_x SWITCH, KEY-OPERATED +48" A.F.F.
\$_t SWITCH, TIMED +48" A.F.F.
\$ SWITCH, EXISTING SWITCH, SPST +48" A.F.F.
☉ PHOTOCELL CONTROL
☉ OCCUPANCY SENSOR CONTROL



WIRING SYMBOLS

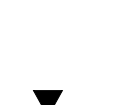
2A–9 PANEL & CIRCUIT NUMBER
#10 HOMERUN TO PANEL
CONDUCTOR SIZE (IF OTHER THAN #12)
PHASE CONDUCTOR
NEUTRAL CONDUCTOR
GROUND CONDUCTOR
CONCEALED CONDUIT
1–1/4" CONDUIT SIZE
CONDUIT (UNDER SLAB OR FLOOR)
FLEXIBLE CONNECTION
CONDUIT, STUBBED & CAPPED

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



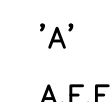
POWER SYMBOLS

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, PEDESTAL MOUNT
RECEPTACLE, DUPLEX, FLUSH FLOOR MOUNT
PLUGMOLD RACEWAY
LENGTH & OUTLET CENTERS AS INDICATED ON PLAN
POWER POLE
MAGNETIC MOTOR STARTER
MAGNETIC CONTACTOR
RELAY
TIME CLOCK CONTROL
PUSHBUTTON STATION
JUNCTION BOX
JUNCTION BOX, EMERGENCY CIRCUIT
THERMOSTAT
TRANSFORMER
DISCONNECT, NON-FUSED
DISCONNECT, FUSED
ELECTRICAL CONNECTION
ELECTRICAL CONNECTION, SINGLE MOTOR
ELECTRICAL CONNECTION, MULTI-MOTOR
EXISTING RECEPTACLE
ELECTRICAL DISTRIBUTION PANEL, RECESSED
ELECTRICAL DISTRIBUTION PANEL, SURFACE
MISCELLANEOUS PANEL, RECESSED
MISCELLANEOUS PANEL, SURFACE
FLUSH FLOOR BOX (W/ DEVICES AS SHOWN ON PLAN)
ELECTRIC BASEBOARD HEATER (WATTAGE NOTED)



SIGNAL SYMBOLS

TELEPHONE OUTLET +18" A.F.F.
DATA OUTLET +18" A.F.F.
DATA/TELEPHONE OUTLET +18" A.F.F.
TELEPHONE OUTLET, PEDESTAL MOUNT
CLOCK
SIGNAL BELL
SIGNAL BUZZER
SIGNAL HORN
VISUAL ALARM SIGNAL (COLOR AS INDICATED ON PLAN)
P.A. SPEAKER
P.A. CALL SWITCH
CATV OUTLET (LOCATE AS SHOWN ON PLANS)
CCTV CAMERA
INTRUSION SENSOR



ABBREVIATIONS

'A' LIGHT FIXTURE TYPE (SEE FIXTURE LIST)
A.F.F. ABOVE FINISHED FLOOR
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
(D) DEMOLITION
(E) EXISTING
E.L. EMERGENCY LIGHT
E.L.C. EXTERIOR LIGHTING CONTROL
FACP FIRE ALARM CONTROL PANEL
FVNR FULL VOLTAGE NON REVERSING
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
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
PH PHASE
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
X.P. EXPLOSION PROOF



NOTATIONS

DRAWING NOTE
DETAIL REFERENCE: TOP=DETAIL NO., BOTTOM=SHEET NO.
MECHANICAL EQUIPMENT MARK NO. (SEE EQUIPMENT SCHEDULE)
EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
EQUIPMENT NO. (SEE EQUIPMENT SCHEDULE)
FIXTURE REFERENCE: TOP=TYPE, BOTTOM=LAMP QTY & WATTS

LIGHTING FIXTURE LIST					
TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
L1 L1E	LED 3000LM 3500K	LITHONIA (OR APPROVED OTHER)	26TL4 SERIES	TYPE :2X4 TROFFER MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :#12 PATTERN ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L1E'
L2 L2E	LED 6000LM 3500K	LITHONIA (OR APPROVED OTHER)	CLXL96 SERIES	TYPE :8FT LINEAR STRIP MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :WIDE DIFFUSE W/ WIRE GUARD VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L2E'
L3 L3E	LED 2000LM 3500K	LIGHTOLIER (OR APPROVED OTHER)	P4RDL SERIES	TYPE :4" DIA. DOWNLIGHT MOUNTING :RECESSED HOUSING :STEEL LENS/REFL :CLEAR SPECULAR DIFFUSER VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L3E'
X	LED (GREEN LETTERS)	EVERGLOW LIGHTING (OR APPROVED OTHER)	90.8924 SERIES	TYPE :EXIT SIGN (PHOTOLUMINESCENT) MOUNTING :UNIVERSAL HOUSING :DIE-CAST ALUMINUM LENS/REFL :SINGLE FACE VOLTAGE :N/A BALLAST :N/A	TYPE 'X2' SIMILAR TO 'X1' EXCEPT WITH DUAL FACE AND/OR DIRECTIONAL ARROWS VERIFY FRAME TYPE & COLOR TO MEET SCHOOL DISTRICT STANDARDS NO SUBSTITUTIONS.
	N/A				

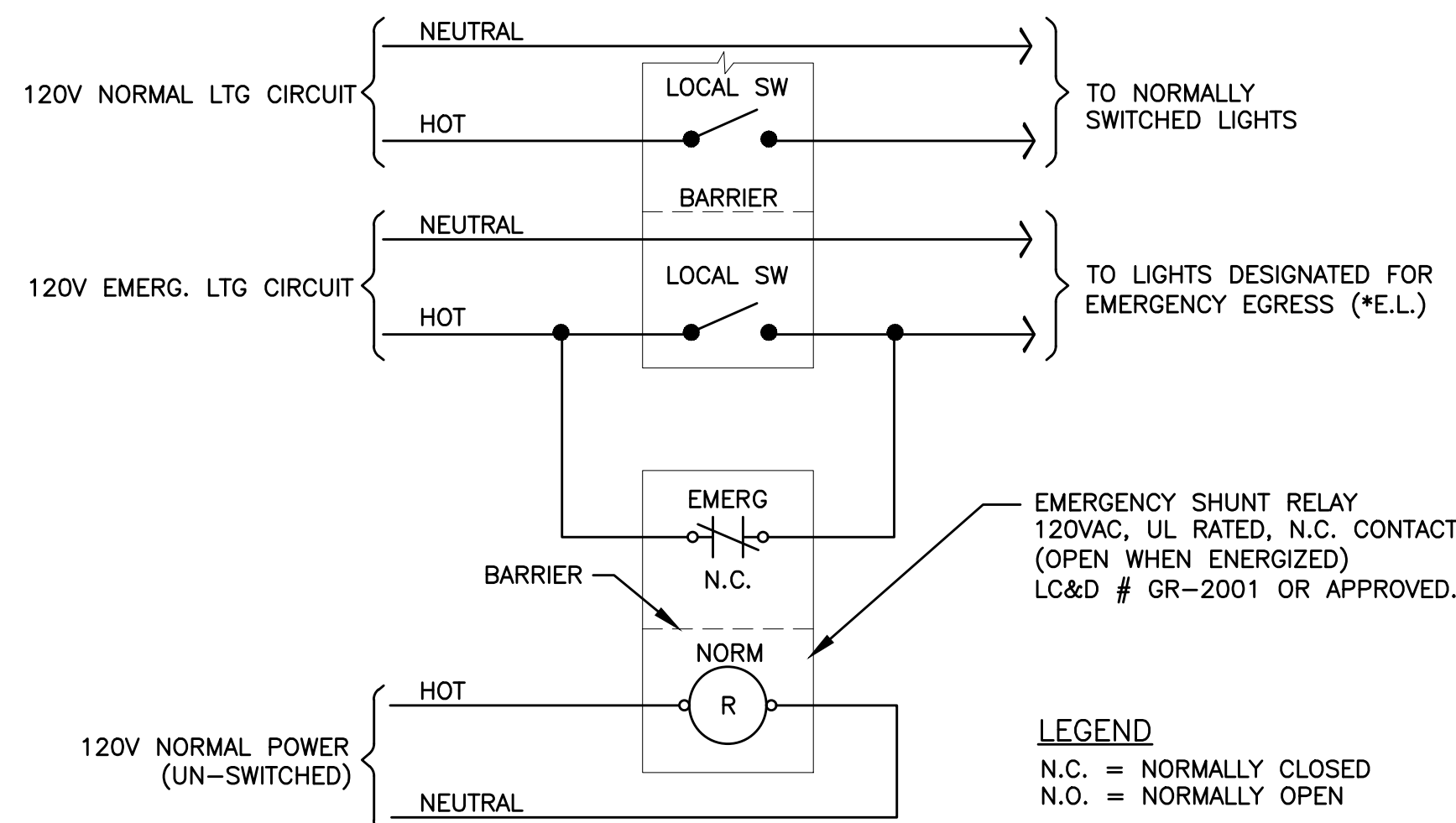
GENERAL LIGHTING NOTES:

- ALL DRAWINGS ARE DIAGRAMMATICAL UNLESS OTHERWISE NOTED. CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW ALL PROJECT DOCUMENTS, INCLUDING SPECIFICATIONS AND COORDINATE WORK WITH ALL OTHER TRADES.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATION.
- ALL FIXTURES SHALL MEET SCHOOL DISTRICT STANDARDS. CONTRACTOR SHALL SUBMIT ALL PRODUCTS FOR APPROVAL PRIOR TO ROUGH IN.
- ALL FINISHES SHALL BE PER ARCHITECT'S DIRECTION.
- ALL LAMPS SHALL BE 3500 KELVIN.
- FIXTURES ON THE LIGHTING PLANS THAT ARE DESIGNATED AS EMERGENCY EGRESS LIGHTING SHALL BE CIRCUITED TO CLOSEST EXISTING EMERGENCY LIGHTING CIRCUIT.
- FOR PROPERTIES THAT DO NOT HAVE AN EMERGENCY STANDBY POWER SYSTEM, FIXTURES DESIGNATED AS EGRESS LIGHTING, SHALL BE EQUIPPED WITH BATTERY BACKUP POWER, EITHER INTEGRAL OR REMOTE.

MECHANICAL EQUIPMENT SCHEDULE								
NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND
RTU–4	ROOF TOP UNIT #4		208	3	50.0 MCA	1"	(3) #4	#10
UH–1	UNIT HEATER #1	2.0KW	208	1		1/2"	(2) #12	#12

GENERAL EQUIPMENT NOTES:

- CONTRACTOR/DESIGNER SHALL VERIFY ALL MECHANICAL EQUIPMENT CONNECTION LOAD REQUIREMENTS WITH THE MECHANICAL EQUIPMENT PROVIDER PRIOR TO ROUGH IN.
- MECHANICAL EQUIPMENT SIZES SHOWN IN THE MECHANICAL SCHEDULE ABOVE ARE FOR REFERENCE ONLY AND MAY NOT REFLECT THE ACTUAL EQUIPMENT TO BE INSTALLED.
- COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR EXACT LOCATION(S) AND ELECTRICAL POWER REQUIREMENTS PRIOR TO THE START OF ANY WORK.

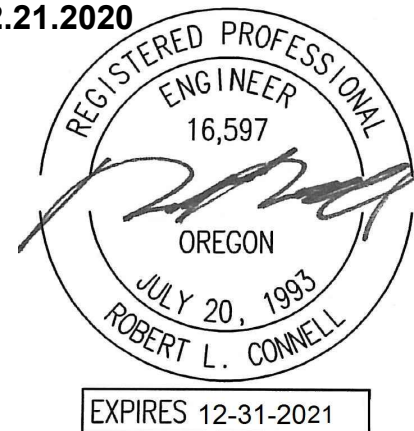


1 EMERGENCY EGRESS LIGHTING – SWITCHED
E1.00 NO SCALE

BBT ARCHITECTS

1140 sw Simpson Ave., Suite 200
Bend, Oregon 97702
1 541.389.5535 | f 541.389.8033

02.21.2020



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SALEM-KEIZER
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CUMMINGS
ELEMENTARY SCHOOL

613 CUMMINGS LN N
KEIZER, OR 97303

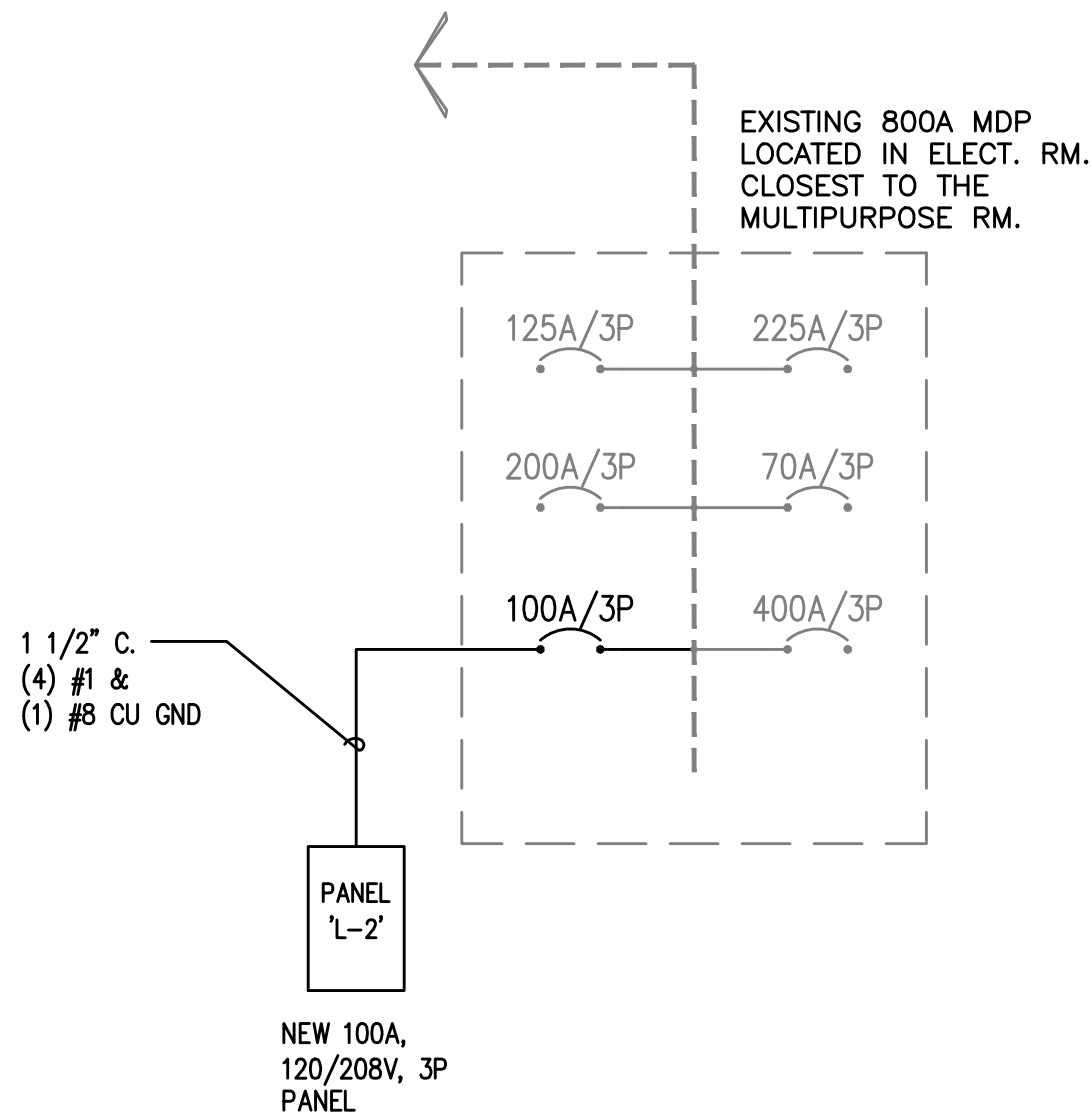
No.	Description	Date

Project Number 1920
Date 02.21.2020

PERMIT SET

ELECTRICAL
SYMBOL LIST &
SCHEDULES

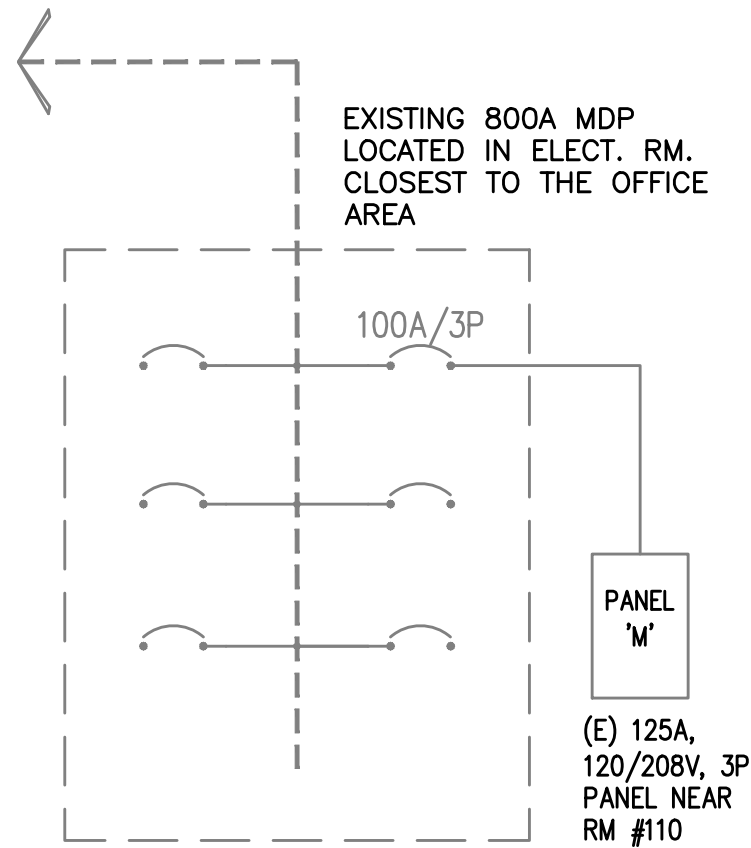
E1.00



1 PARTIAL ONE-LINE DIAGRAM
MULTIPURPOSE ROOM ADDITION
120/208V, 3P, 4W

ONE-LINE DIAGRAM NOTES:

- VERIFY EXISTING CONDITIONS PRIOR TO THE START OF ANY WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY.
- PROVIDE NEW 100A, 120/208V, 3P BRANCH PANEL FED FROM EXISTING MAIN DISTRIBUTION PANEL SERVING PANEL 'L-1' LOCATED IN FOOD SERVICE ROOM #100.
- PANEL TO BE LOCATED IN THE FOOD SERVICE AREA AS DIRECTED BY FACILITIES MANAGER. PANEL SHALL BE LOCATED SUCH THAT ALL APPLICABLE CODES AND CLEARANCES ARE MET.
- ALL CONDUIT AND CONDUCTORS SHALL BE ROUTED IN CEILING SPACE.



2 PARTIAL ONE-LINE DIAGRAM
OFFICE AREA REMODEL
120/208V, 3P, 4W

ONE-LINE DIAGRAM NOTES:

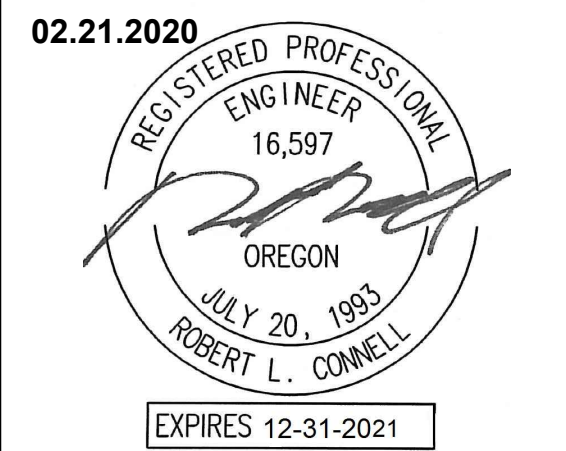
- VERIFY EXISTING CONDITIONS PRIOR TO THE START OF ANY WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY UPON DISCOVERY.

REMODEL & ADDITION
LOAD SUMMARY
(TOTAL ADDED LOAD)

LIGHTS	630 VA
RECEPTACLES	2,700 VA
HEAT	2,000 VA
MOTORS	18,000 VA
23,330 VA	
23,330VA @ 208V, 3P = 64.8 AMPS	

MFA PANEL SCHEDULE											
panel		mounting		location				connected load amps			
L-2		SURFACE		FOOD SERVICE #100							
voltage		phase		bus & main				MLO		calculated load amps	
120/208V (SCOR: 22KVAIC)		3		100A						50	
service		va	a/p	no.	a b c	no.	a/p	va	service	C	
6 RTU-4	6000	50/3	1	*	2	20/1			SPARE		
6 +	6000		3	*	4	20/1			SPARE		
6 +	6000		*	5	*	6	20/1		SPARE		
BLANK			7	*	8				BLANK		
BLANK			9	*	10				BLANK		
BLANK			11	*	12				BLANK		
BLANK			13	*	14				BLANK		
BLANK			15	*	16				BLANK		
BLANK			17	*	18				BLANK		
BLANK			19	*	20				BLANK		
BLANK			21	*	22				BLANK		
BLANK			23	*	24				BLANK		
BLANK			25	*	26				BLANK		
BLANK			27	*	28				BLANK		
BLANK			29	*	30				BLANK		
BLANK			31	*	32				BLANK		
NOTES:											
Phase A		6000 VA						line-line voltage			
Phase B		6000 VA								208	
Phase C		6000 VA								largest motor (va)	
Total Connected		18000 VA								0	
load code:		ph. A	ph. B	ph. C	total		factor	calculated load (va)			
1. LIGHTS=	0	0	0	0	VA		0	1.25	0		
2. RECEPT=	0	0	0	0	VA		0	0.1 + 0.5	0		
3. HEATING=	0	0	0	0	VA		0	1.00	0		
4. KITCHEN=	0	0	0	0	VA		0	1.00	0		
5. EQUIP.=	0	0	0	0	VA		0	1.00	0		
6. MOTORS=	6000	6000	6000	VA	18000		*		18000		
7. MISC=	0	0	0	0	VA		0	1.00	0		
(* 125% of the largest motor + 100% of the balance)										TOTAL =	
										18000	

MFA PANEL SCHEDULE												11-74-20			
panel		mounting		location		connected load									
(EXIST) PNL 'M' (SCOR: 22KVAIC)		FLUSH		OFFICE AREA											
voltage		phase		bus & main		MLO				calculated load		88			
		1		125A											
service		va	a/p	no.	L1	no.	a/p	va	service			75			
C	2 RECEPT= FRONT DESK	1440	20/1	1	*	2	20/1	1200	RECEPT=	WORK ROOM			2		
	2 RECEPT= FRONT DESK	800	20/1	3	*	4	20/1	1200	RECEPT=	WORK ROOM			2		
	2 RECEPT= OFFICE	1000	20/1	5	*	6	20/1	1200	RECEPT=	WORK ROOM			2		
	2 RECEPT= RESTROOMS	800	20/1	7	*	8	20/1	1200	RECEPT=	WORK ROOM			2		
	2 RECEPT= KITCHEN	1200	20/1	9	*	10	20/1	1200	RECEPT =	WORK BALLROOM			2		
	2 RECEPT= MICROWAVE	1200	20/1	11	*	12	20/1	1200	RECEPT =	WORK ISLAND			2		
	2 RECEPT= MICROWAVE	1200	20/1	13	*	14	20/1	1200	RECEPT=	VENDING MACH.			2		
	3 WATER HEATER	2250	20/2	15	*	16	20/1		SPARE						
	3 +	2250		17	*	18	20/1		LTS = PRINC, VICE PRINC, RECEPT			1			
	6 EF-3	480	20/1	19	*	20	20/1		LTS = LUNCH RM, WORK RM			1			
SPARE		20/1	21	*	22	20/1		SPARE							
SPARE		20/1	23	*	24	20/1		SPARE							
SPARE		20/1	25	*	26	20/1		SPARE							
SPARE		20/1	27	*	28	20/1		SPARE							
SPARE		20/1	29	*	30	20/1		SPARE							
SPARE				31	*	32									
NOTES:															
Line 1		12090 VA						line-line voltage				240			
Line 2		9130 VA													
Total Connected		21220 VA													
load code		line 1	line 2			total	factor			largest motor (va)					
										calculated load (va)		(va)			
1. LIGHTS=		0	0			VA	0	1.25							
2. RECEPT=		9840	6400			VA	16240	0.1 + 0.5					13120		
3. HEATING=		2250	2250			VA	4500	1.00					4500		
4. KITCHEN=		0	0			VA	0	1.00					0		
5. EQUIP.=		0	0			VA	0	1.00					0		
6. MOTORS=		0	480			VA	480	*					480		
7. SUB-PANEL=		0	0			VA	0	1.00					0		
(* 125% of the largest motor + 100% of the balance)												TOTAL =		18100	



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SALEM-KEIZER
SCHOOL DISTRICT
CUMMINGS
ELEMENTARY SCHOOL

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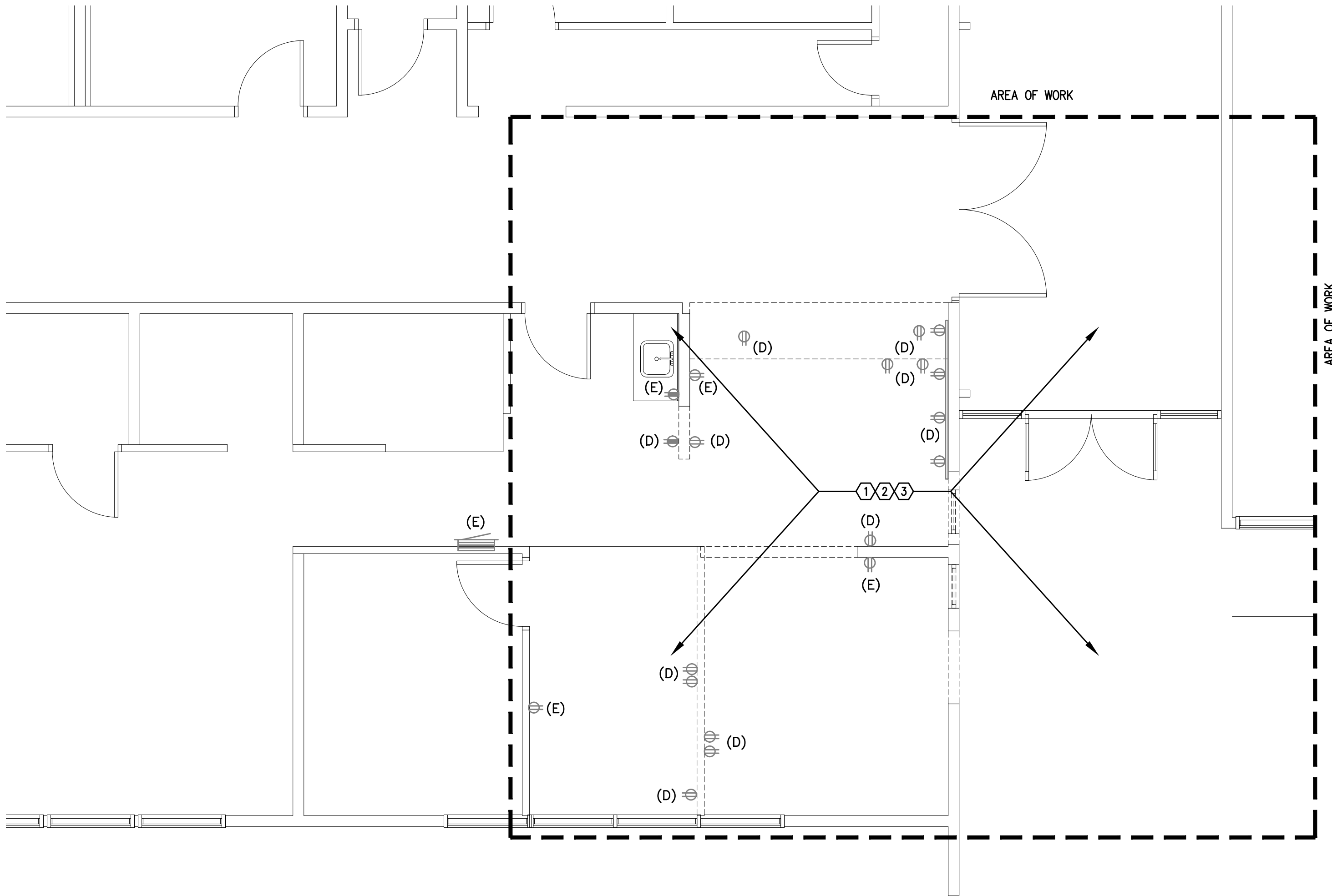
No.	Description	Date

Project Number 1920
Date 02.21.2020

PERMIT SET

ELECTRICAL
ONE-LINE
DIAGRAMS &
LOAD SUMMARY

E1.01



1
E2.00
ENLARGED ADMIN. & VESTIBULE
ELECTRICAL DEMOLITION PLAN
SCALE: 1/4" = 1'-0"

GENERAL DEMOLITION NOTES:

- A. UNLESS OTHERWISE NOTED, ALL PLANS ARE DIAGRAMMATICAL. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS AS THEY RELATE TO THE PROJECT PRIOR TO THE START OF ANY WORK.
- B. UNLESS OTHERWISE NOTED, REMOVE ALL ELECTRICAL DEVICES AND ASSOCIATED ITEMS IN CONFLICT WITH NEW CONSTRUCTION. MODIFY CIRCUITING AS REQUIRED TO MAINTAIN FEED TO DOWNSTREAM DEVICES OR FIXTURES TO REMAIN.
- C. COORDINATE WITH THE MECHANICAL CONTRACTOR FOR DISCONNECTION/RECONNECTION OF ANY AND ALL MECHANICAL EQUIPMENT TO BE REMOVED OR REPLACED.
- D. IF REQUIRED, MAINTAIN EXISTING CIRCUIT CONDUCTORS FOR RECONNECTION OF ANY EQUIPMENT TO BE REPLACED.
- E. DISCONNECT AND REMOVE CIRCUIT CONDUCTORS AS FAR BACK AS POSSIBLE FOR ANY EQUIPMENT TO BE REMOVED.

DEMOLITION SHEET NOTES:

- ① DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES IN AREAS SCHEDULED FOR REMOVAL. REMOVE WIRING AS FAR BACK AS NECESSARY (IE: NEAREST DEVICE TO REMAIN). RETAIN CIRCUITS FOR REUSE IN REMODEL PORTION OF THE PROJECT.
- ② DISCONNECT POWER TO ANY MECHANICAL EQUIPMENT TO BE REMOVED AND/OR REPLACED, AS NEEDED.
- ③ DISCONNECT AND REMOVE CEILING LIGHT FIXTURES TO BE REPLACED. CONSULT ARCHITECT PRIOR TO THE START OF ANY WORK TO IDENTIFY ANY LIGHT FIXTURES TO BE REUSED OR SALVAGED. COORDINATE WORK WITH ARCHITECT AND OTHER TRADES.



SALEM-KEIZER
SCHOOL DISTRICT
CUMMINGS
ELEMENTARY SCHOOL

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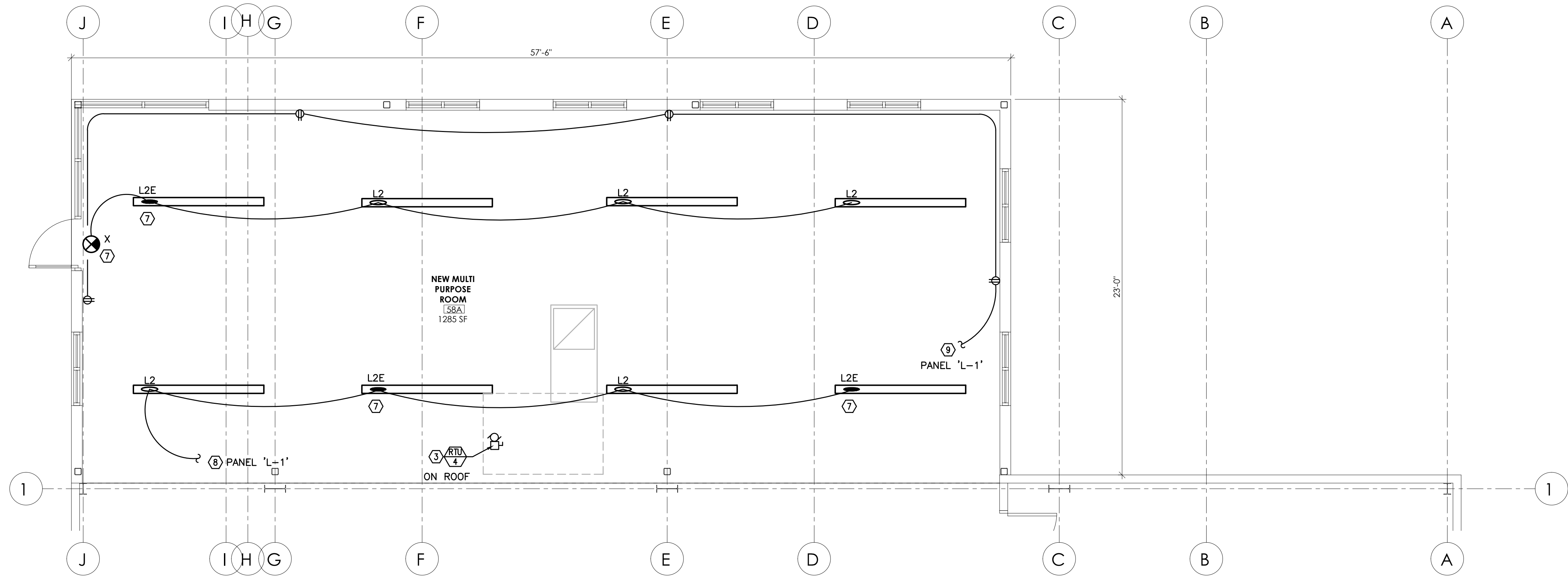
No.	Description	Date

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PERMIT SET

MULTI-PURPOSE
ADDITION
ELECTRICAL
DEMO PLAN

E2.00



GENERAL NOTES:

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL ELECTRICAL CODE REQUIREMENTS.
- B. UNLESS OTHERWISE NOTED, ALL DRAWINGS ARE DIAGRAMMATICAL. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AS THEY RELATE TO THE PROJECT, PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- C. ELECTRICAL DEVICES, LIGHTING DESIGN, FIXTURE TYPES AND LIGHTING CONTROLS SHALL BE IN ACCORDANCE WITH THE SCHOOL DISTRICT'S PRODUCT STANDARDS. PROVIDE LED LAMPING.
- D. PROVIDE CEILING MOUNTED OCCUPANCY SENSORS IN EACH SPACE, TIED INTO THE SECURITY SYSTEM PER SCHOOL DISTRICT REQUIREMENTS. CONSULT THE SCHOOL DISTRICT FOR EXACT MAKE AND MODEL TO BE USED AND COORDINATE INSTALLATION WITH FACILITIES PERSONNEL.

ELECTRICAL SHEET NOTES:

1. PROVIDE NEW 120V, 1P, 20A DUPLEX RECEPTACLES AS INDICATED. NEW RECEPTACLES SHALL BE TIED INTO THE EXISTING RECEPTACLE CIRCUITS ASSOCIATED WITH THAT PARTICULAR ROOM, AS NOTED. CONTRACTOR SHALL ENSURE THAT ANY ADDITIONAL RECEPTACLES WILL NOT EXCEED LOAD CAPACITY FOR THE EXISTING CIRCUITS EFFECTED. IF THE EXISTING CIRCUIT CAPACITY CANNOT ACCOMMODATE THE NEW LOAD(S), IN AREAS WHERE NEW DEVICE CIRCUITS ARE NEEDED, PROVIDE FROM NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
2. PROVIDE ROUGH IN ONLY FOR VOICE/DATA DEVICES. COORDINATE EXACT LOCATION WITH ARCHITECT AND CONSULT THE OWNER'S IT PERSONNEL FOR ADDITIONAL REQUIREMENTS PRIOR TO THE START OF ANY WORK. REFER TO TELECOM PLAN SHEETS FOR ADDITIONAL INFORMATION.
3. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR THE EXACT POWER REQUIREMENTS FOR ANY HVAC EQUIPMENT TO BE INSTALLED. VERIFY BRANCH PANEL SOURCE WITH AVAILABLE CAPACITY TO SUPPORT THE ELECTRICAL LOAD PRIOR TO THE START OF ANY WORK. REFER TO EQUIPMENT SCHEDULE ON E1.00.
4. TIE LIGHTING INTO EXISTING LIGHTING CIRCUITS LEFT FROM DEMOLITION. PROVIDE AREA LIGHTING CONTROLS AS INDICATED IN EACH SPACE. REFER TO SHEET E1.00 FOR LIGHTING SCHEDULE.
5. MANUAL OVERRIDE SWITCH FOR CEILING MOUNTED OCCUPANCY SENSOR(S) TO REMAIN IN THE "ON" POSITION.
6. PROVIDE ROUGH IN ONLY FOR SECURITY SYSTEM DEVICES AS NEEDED. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS WITH ARCHITECT AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF ANY WORK. DEVICES SHALL BE TIED INTO THE EXISTING SECURITY SYSTEM.
7. PROVIDE APPROPRIATE EGRESS LIGHTING AND EXIT SIGNS ALONG PATH OF EGRESS AS REQUIRED BY CODE. EGRESS LIGHTING SHALL BE TIED INTO THE EXISTING EMERGENCY BACKUP POWER SYSTEM IF AVAILABLE. SWITCHED LIGHT FIXTURES ON EMERGENCY BACKUP POWER SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER OUTAGE THE FIXTURES WILL AUTOMATICALLY COME ON REGARDLESS OF SWITCH POSITION. REFER TO WIRING DETAIL ON E1.00.
8. TIE INTO EXISTING MULTIMEDIA ROOM LIGHTING CIRCUIT AND CONTROLS. VERIFY EXISTING CIRCUITS ARE SUPPLIED FROM PANEL 'L-1' LOCATED IN THE FOOD SERVICE AREA.
9. TIE INTO EXISTING MULTIMEDIA ROOM RECEPTACLE CIRCUIT. VERIFY EXISTING CIRCUITS ARE SUPPLIED FROM PANEL 'L-1' LOCATED IN THE FOOD SERVICE AREA.



SALEM-KEIZER
SCHOOL DISTRICT
CUMMINGS
ELEMENTARY SCHOOL

613 CUMMINGS LN N
KEIZER, OR 97303

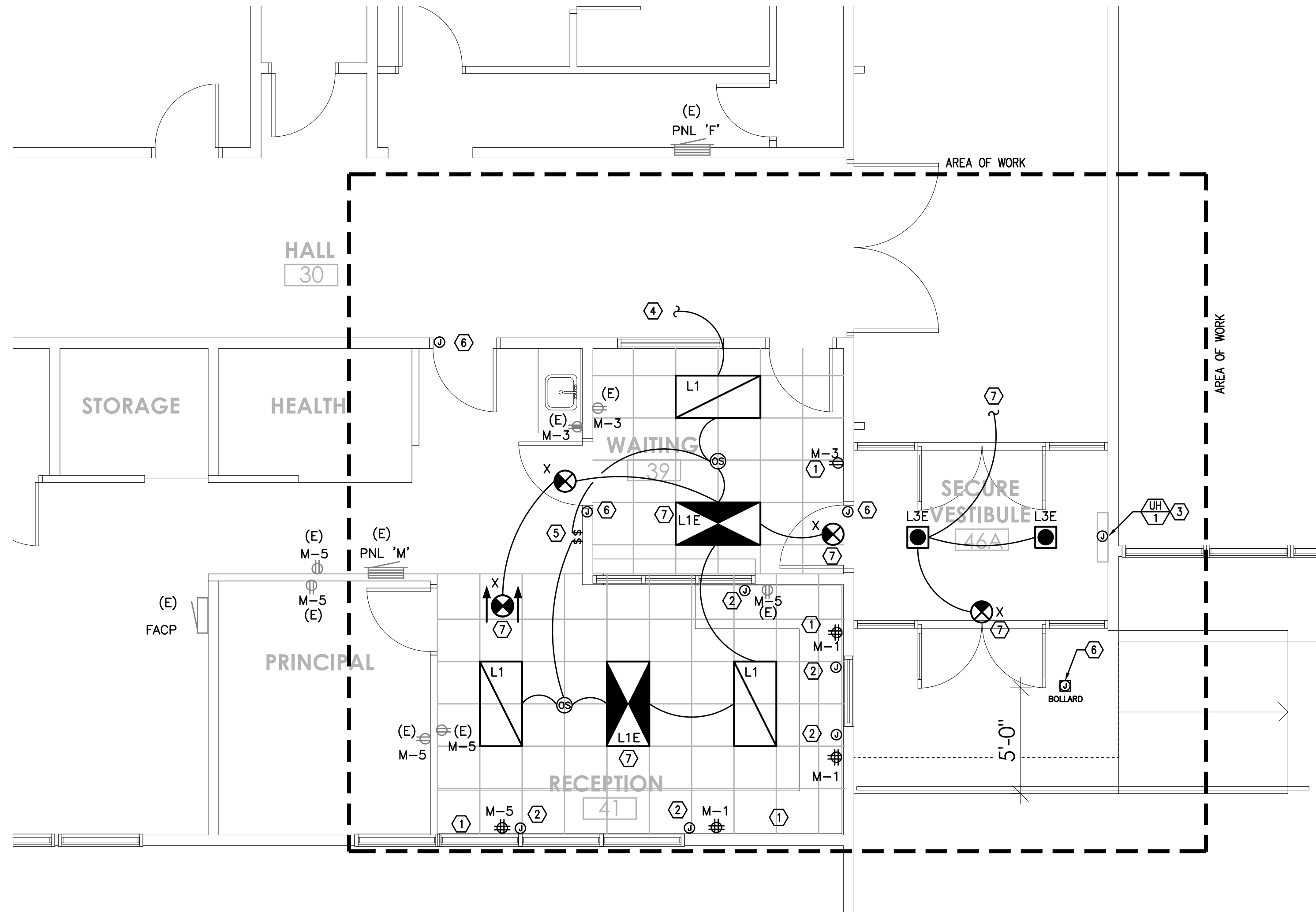
No.	Description	Date

Project Number 1920
Date 02.21.2020

PERMIT SET

MULTI-PURPOSE
ADDITION
ELECTRICAL
PLAN

E2.01



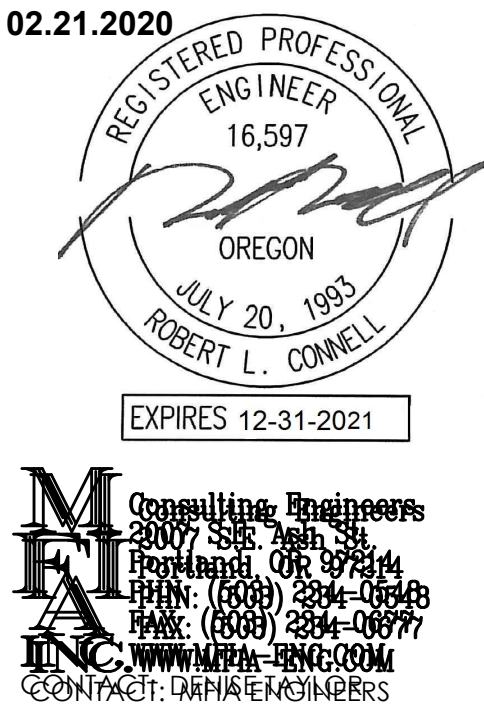
1
E2.02 ENLARGED ADMIN. & VESITBULE
POWER & LIGHTING PLAN
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL, STATE AND NATIONAL ELECTRICAL CODE REQUIREMENTS.
- B. UNLESS OTHERWISE NOTED, ALL DRAWINGS ARE DIAGRAMMATICAL. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS AS THEY RELATE TO THE PROJECT, PRIOR TO THE START OF ANY WORK AND REPORT ANY DISCREPANCIES TO THE ARCHITECT IMMEDIATELY.
- C. ELECTRICAL DEVICES, LIGHTING DESIGN, FIXTURE TYPES AND LIGHTING CONTROLS SHALL BE IN ACCORDANCE WITH THE SCHOOL DISTRICT'S PRODUCT STANDARDS. PROVIDE LED LAMPING.
- D. PROVIDE CEILING MOUNTED OCCUPANCY SENSORS IN EACH SPACE, TIED INTO THE SECURITY SYSTEM PER SCHOOL DISTRICT REQUIREMENTS. CONSULT THE SCHOOL DISTRICT FOR EXACT MAKE AND MODEL TO BE USED AND COORDINATE INSTALLATION WITH FACILITIES PERSONNEL.

ELECTRICAL SHEET NOTES:

1. PROVIDE NEW 120V, 1P, 20A DUPLEX RECEPTACLES AS INDICATED. NEW RECEPTACLES SHALL BE TIED INTO THE EXISTING RECEPTACLE CIRCUITS ASSOCIATED WITH THAT PARTICULAR ROOM, AS NOTED. CONTRACTOR SHALL ENSURE THAT ANY ADDITIONAL RECEPTACLES WILL NOT EXCEED LOAD CAPACITY FOR THE EXISTING CIRCUITS EFFECTED. IF THE EXISTING CIRCUIT CAPACITY CANNOT ACCOMMODATE THE NEW LOAD(S), IN AREAS WHERE NEW DEVICE CIRCUITS ARE NEEDED, PROVIDE FROM NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
2. PROVIDE ROUGH IN ONLY FOR VOICE/DATA DEVICES. COORDINATE EXACT LOCATION WITH ARCHITECT AND CONSULT THE OWNER'S IT PERSONNEL FOR ADDITIONAL REQUIREMENTS PRIOR TO THE START OF ANY WORK. REFER TO TELECOM PLAN SHEETS FOR ADDITIONAL INFORMATION.
3. COORDINATE WITH MECHANICAL EQUIPMENT INSTALLER FOR THE EXACT POWER REQUIREMENTS FOR ANY HVAC EQUIPMENT TO BE INSTALLED. VERIFY BRANCH PANEL SOURCE WITH AVAILABLE CAPACITY TO SUPPORT THE ELECTRICAL LOAD PRIOR TO THE START OF ANY WORK. REFER TO EQUIPMENT SCHEDULE ON E1.00.
4. TIE LIGHTING INTO EXISTING LIGHTING CIRCUITS LEFT FROM DEMOLITION. PROVIDE AREA LIGHTING CONTROLS AS INDICATED IN EACH SPACE. REFER TO SHEET E1.00 FOR LIGHTING SCHEDULE.
5. MANUAL OVERRIDE SWITCH FOR CEILING MOUNTED OCCUPANCY SENSOR(S) TO REMAIN IN THE "ON" POSITION.
6. PROVIDE ROUGH IN ONLY FOR SECURITY SYSTEM DEVICES AS NEEDED. COORDINATE EXACT LOCATION AND POWER REQUIREMENTS WITH ARCHITECT AND/OR THE OWNER'S REPRESENTATIVE PRIOR TO THE START OF ANY WORK. DEVICES SHALL BE TIED INTO THE EXISTING SECURITY SYSTEM.
7. PROVIDE APPROPRIATE EGRESS LIGHTING AND EXIT SIGNS ALONG PATH OF EGRESS AS REQUIRED BY CODE. EGRESS LIGHTING SHALL BE TIED INTO THE EXISTING EMERGENCY BACKUP POWER SYSTEM IF AVAILABLE. SWITCHED LIGHT FIXTURES ON EMERGENCY BACKUP POWER SHALL BE WIRED SUCH THAT IN THE EVENT OF A POWER OUTAGE THE FIXTURES WILL AUTOMATICALLY COME ON REGARDLESS OF SWITCH POSITION. REFER TO WIRING DETAIL ON E1.00.
8. TIE INTO EXISTING MULTIMEDIA ROOM LIGHTING CIRCUIT AND CONTROLS. VERIFY EXISTING CIRCUITS ARE SUPPLIED FROM PANEL 'L-1' LOCATED IN THE FOOD SERVICE AREA.
9. TIE INTO EXISTING MULTIMEDIA ROOM RECEPTACLE CIRCUIT. VERIFY EXISTING CIRCUITS ARE SUPPLIED FROM PANEL 'L-1' LOCATED IN THE FOOD SERVICE AREA.



SALEM-KEIZER
SCHOOL DISTRICT
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613 CUMMINGS LN N
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ADMIN. & VESTIBULE
REMODEL
ELECTRICAL PLAN

E2.02