ELECTRICAL SYMBOL LIST

LIGHTING SYMBOLS

- 2X4 LIGHT FIXTURE, RECESSED
- 2X4 LIGHT FIXTURE, RECESSED – EMERGENCY
- 4FT LIGHT FIXTURE, SURFACE MOUNT
- 4FT LIGHT FIXTURE, SURFACE MOUNT – EMERGENCY
- 4FT LIGHT FIXTURE, STRIP
- 4FT LIGHT FIXTURE, STRIP – EMERGENCY
- DOWNLIGHT FIXTURE, RECESSED
- DOWNLIGHT FIXTURE, RECESSED – EMERGENCY
- FLUORESCENT LIGHT FIXTURE, WALL MOUNT
- LIGHT FIXTURE, CEILING MOUNT
- LIGHT FIXTURE, WALL MOUNT
- LIGHT FIXTURE, WALL SCONCE
- 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.

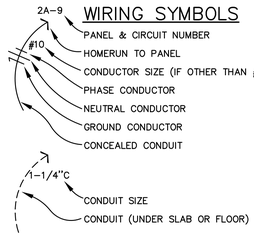
SWITCH SYMBOLS

- $ SWITCH, SPST +48" A.F.F.
- $_2$ SWITCH, DPST +48" A.F.F.
- $_3$ SWITCH, 3–WAY +48" A.F.F.
- $_D$ SWITCH, DIMMER +48" A.F.F.
- $_K$ SWITCH, KEY–OPERATED +48" A.F.F.
- PC PHOTOCELL CONTROL
- OS OCCUPANCY SENSOR CONTROL

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)

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

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 +18" A.F.F. (DEDICATED)
- RECEPTACLE, DUPLEX, PEDESTAL MOUNT
- RECEPTACLE, DUPLEX, FLUSH FLOOR MOUNT
- OR ELECTRICAL CONNECTION
- MAGNETIC CONTACTOR
- RELAY
- PUSHBUTTON STATION
- JUNCTION BOX
- THERMOSTAT
- DISCONNECT, NON–FUSED
- DISCONNECT, FUSED
- ELECTRICAL CONNECTION
- ELECTRICAL CONNECTION, SINGLE MOTOR
- ELECTRICAL DISTRIBUTION PANEL, RECESSED
- MISCELLANEOUS PANEL, RECESSED
- FLUSH FLOOR BOX (W/ DEVICES AS SHOWN ON PLAN)

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
(E)	EXISTING
E.L.	EMERGENCY LIGHT
FACP	FIRE ALARM CONTROL PANEL
G.F.I.	GROUND FAULT INTERRUPTER
GND	GROUND
HP	HORSEPOWER
I.G.	ISOLATED GROUND
I R	INFRARED
JB	JUNCTION BOX
MCB	MAIN CIRCUIT BREAKER
MLO	MAIN LUGS ONLY
(N)	NEW
N.I.C.	NOT IN CONTRACT
N.L.	NIGHT LIGHT
OL	OVERLOAD
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
W	WIRE
W.G.	WIRE GUARD
W.P.	WEATHERPROOF

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

LIGHTING FIXTURE LIST

TYPE	LAMP	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	OPTIONS
L1 L1E	LED 3000LM 3500K 34W	LITHONIA (OR APPROVED OTHER)	BLWP SERIES	TYPE :4FT WRAPAROUND MOUNTING :SURFACE HOUSING :STEEL LENS/REFL :CURVED LINEAR PRISM VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L1E'
L2	LED 3000LM 3500K 29W	LSI LIGHTING (OR APPROVED OTHER)	W4442LEDSS SERIES	TYPE :2FT VANITY MOUNTING :SURFACED (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	
L3	LED 3000LM 3500K 35W	LSI LIGHTING (OR APPROVED OTHER)	W4444LEDSS SERIES	TYPE :4FT VANITY MOUNTING :SURFACED (+6" ABOVE MIRROR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	
L4	LED 2500LM 3500K 28W	LITHONIA (OR APPROVED OTHER)	CLXL24 SERIES	TYPE :2FT LINEAR STRIP MOUNTING :SURFACE (ABOVE DOOR) HOUSING :STEEL LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	
L5 L5E	LED 820LM 3500K 10W	HALO (OR APPROVED OTHER)	BLD6 SERIES	TYPE :6" DIA. DOWNLIGHT MOUNTING :SURFACE HOUSING :PLASTIC LENS/REFL :ACRYLIC VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L5E' UL LISTED WET LOCATION
L6 L6E	LED 2430LM 3500K 35W	FINELITE (OR APPROVED OTHER)	16LED–ID–DCO–4–2E– 830–20U80D SERIES	TYPE :4FT DIRECT/INDIRECT MOUNTING :SUSPENDED HOUSING :STEEL LENS/REFL :ACRYLIC/FLAT END CAP VOLTAGE :MVOLT BALLAST :LED DRIVER (0–10 DIMMING)	REFER TO LIGHTING NOTE 'G' FOR ADDITIONAL INFORMATION REGARDING FIXTURE TYPE 'L6E' VERIFY MOUNTING HEIGHT W/ ARCH
L7 L7E	LED 3000LM 3500K 34W	LITHONIA (OR APPROVED OTHER)	2GTL4 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 'L7E'
X	LED (GREEN LETTERS) N/A	EVERGLOW LIGHTING (OR APPROVED OTHER)	90.8924 SERIES	TYPE :EXIT SIGN (PHOTLUMINESCENT) 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 DIRCTIONAL ARROWS VERIFY FRAME TYPE & COLOR TO MEET SCHOOL DISTRICT STANDARDS NO SUBSTITUTIONS.

GENERAL LIGHTING NOTES:

A. 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.

B. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT FIXTURE LOCATION.

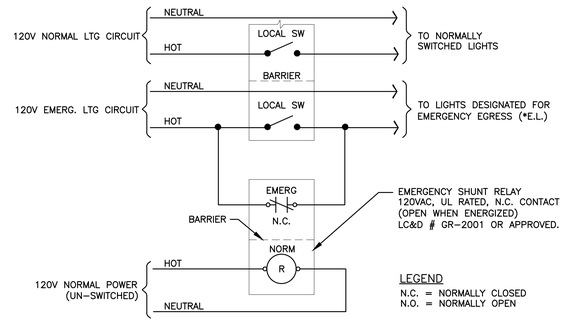
C. ALL FIXTURES SHALL MEET SCHOOL DISTRICT STANDARDS. CONTRACTOR SHALL SUBMIT ALL PRODUCTS FOR APPROVAL PRIOR TO ROUGH IN.

D. ALL FINISHES SHALL BE PER ARCHITECT'S DIRECTION.

E. ALL LAMPS SHALL BE 3500 KELVIN.

F. FIXTURES ON THE LIGHTING PLANS THAT ARE DESIGNATED AS EMERGENCY EGRESS LIGHTING SHALL BE CIRCUITED TO CLOSEST EXISTING EMERGENCY LIGHTING CIRCUIT.

G. 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.



1 / E1.00 EMERGENCY EGRESS LIGHTING – SWITCHED
NO SCALE

panel Panel G (Existing)		mounting FLUSH		location HALL		connected load amps 0	
voltage 120/208V		phase 3		bus & main 200A MLO		calculated load amps 0	
C	service	va	o/p	no.	a b c	no.	o/p	va	service	C
	EXISTING CIRCUIT		20/1	1	*	2	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	3	*	4	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	5	*	6	20/1		EXISTING CIRCUIT	
1	LIGHTS – RM 9		20/1	7	*	8	20/1		LIGHTS – RM 7	1
1	LIGHTS – RM 9		20/1	9	*	10	20/1		LIGHTS – RM 7	1
1	LIGHTS – RM 9		20/1	11	*	12	20/1		LIGHTS – RM 7	1
1	LIGHTS – RM 5		20/1	13	*	14	20/1		LIGHTS – RM 10	1
1	LIGHTS – RM 5		20/1	15	*	16	20/1		LIGHTS – RM 10	1
1	LIGHTS – RM 5		20/1	17	*	18	20/1		LIGHTS – RM 10	1
1	LIGHTS – RM 8		20/1	19	*	20	20/1		LIGHTS – RM 6	1
1	LIGHTS – RM 8		20/1	21	*	22	20/1		LIGHTS – RM 6	1
1	LIGHTS – RM 8		20/1	23	*	24	20/1		LIGHTS – RM 6	1
1	LIGHTS – BIKE AREA		20/1	25	*	26	20/1		RECEPT – RM 6	2
2	RECEPT – RM 7–9		20/1	27	*	28	20/1		RECEPT – RM 8–10	2
2	RECEPT – RM 5		20/1	29	*	30	20/1		RECEPT – HALL	2
2	RECEPT – HALL		20/1	31	*	32	20/1		RECEPT – HALL	2
5	FIRE ALARM		20/1	33	*	34	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	35	*	36	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	37	*	38	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	39	*	40	20/1		EXISTING CIRCUIT	
	EXISTING CIRCUIT		20/1	41	*	42	20/1		EXISTING CIRCUIT	
	Phase A	0 VA		NOTES:					line–line voltage	
	Phase B	0 VA							208	
	Phase C	0 VA							largest motor (va)	
	Total Connected	0 VA							0	
	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.=	0	0		0	VA	0	1 + 0.5	0	
	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=	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 =		0	

panel Panel NR (Existing)		mounting SURFACE		location BOILER RM		connected load amps 56	
voltage 120/208V		phase 3		bus & main 125A MLO		calculated load amps 42	
C	service	va	o/p	no.	a b c	no.	o/p	va	service	C
2	RECEPT – RM 1	720	20/1	1	*	2	20/1	540	RECEPT – RM 2	2
2	RECEPT – RM 1	720	20/1	3	*	4	20/1	540	RECEPT – RM 2	2
2	RECEPT – RM 3	600	20/1	5	*	6	20/1	720	RECEPT – RM 4	2
2	RECEPT – RM 3	720	20/1	7	*	8	20/1	720	RECEPT – RM 4	2
2	RECEPT – MULTIPURPOSE RM	180	20/1	9	*	10	20/1	720	RECEPT – RM 6	2
2	RECEPT – STAFF MICROWAVE	900	20/1	11	*	12	20/1	720	RECEPT – RM 6	2
2	RECEPT – STAFF COFFEE MACH.	1000	20/1	13	*	14	20/1	720	RECEPT – RM 8	2
2	RECEPT – STAFF MICROWAVE	900	20/1	15	*	16	20/1	540	RECEPT – RM 8	2
	SPACE			17	*	18	20/1	720	RECEPT – RM 10	2
2	RECEPT – RM 5	720	20/1	19	*	20	20/1	720	RECEPT – RM 10	2
2	RECEPT – RM 5	720	20/1	21	*	22	20/1	540	RECEPT – RM 11	2
2	RECEPT – RM 7	720	20/1	23	*	24	20/1	720	RECEPT – RM 11	2
2	RECEPT – RM 7	720	20/1	25	*	26	20/1	720	RECEPT – RM 12	2
2	RECEPT – RM 9	720	20/1	27	*	28	20/1	720	RECEPT – RM 12	2
2	RECEPT – RM 9	720	20/1	29	*	30	20/1	300	RECEPT – DATA RACK	2
2	RECEPT – OFFICE	360	20/1	31	*	32	20/1		RECEPT – DATA RACK	2
	SPARE	0	20/1	33	*	34	20/1		SPARE	
	SPARE	0	20/1	35	*	36	20/1		SPARE	
5	TVSS		30/3	37	*	38	20/1		SPARE	
5	*		*	39	*	40	20/1		SPARE	
5	*		*	41	*	42	20/1		SPARE	
	Phase A	7660 VA		NOTES:					line–line voltage	
	Phase B	6300 VA							208	
	Phase C	6120 VA							largest motor (va)	
	Total Connected	20080 VA							0	
	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.=	7660	6300		6120	VA	20080	1 + 0.5	15040	
	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=	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 =		15040	

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

02.21.2020

REGISTERED PROFESSIONAL ENGINEER 16,597 OREGON JULY 20, 1983 ROBERT L. CONNELL
EXPIRES 12-31-2021

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

SALEM-KEIZER SCHOOL DISTRICT GRANT COMMUNITY SCHOOL RENOVATION

725 MARKET ST NE
SALEM, OR 97301

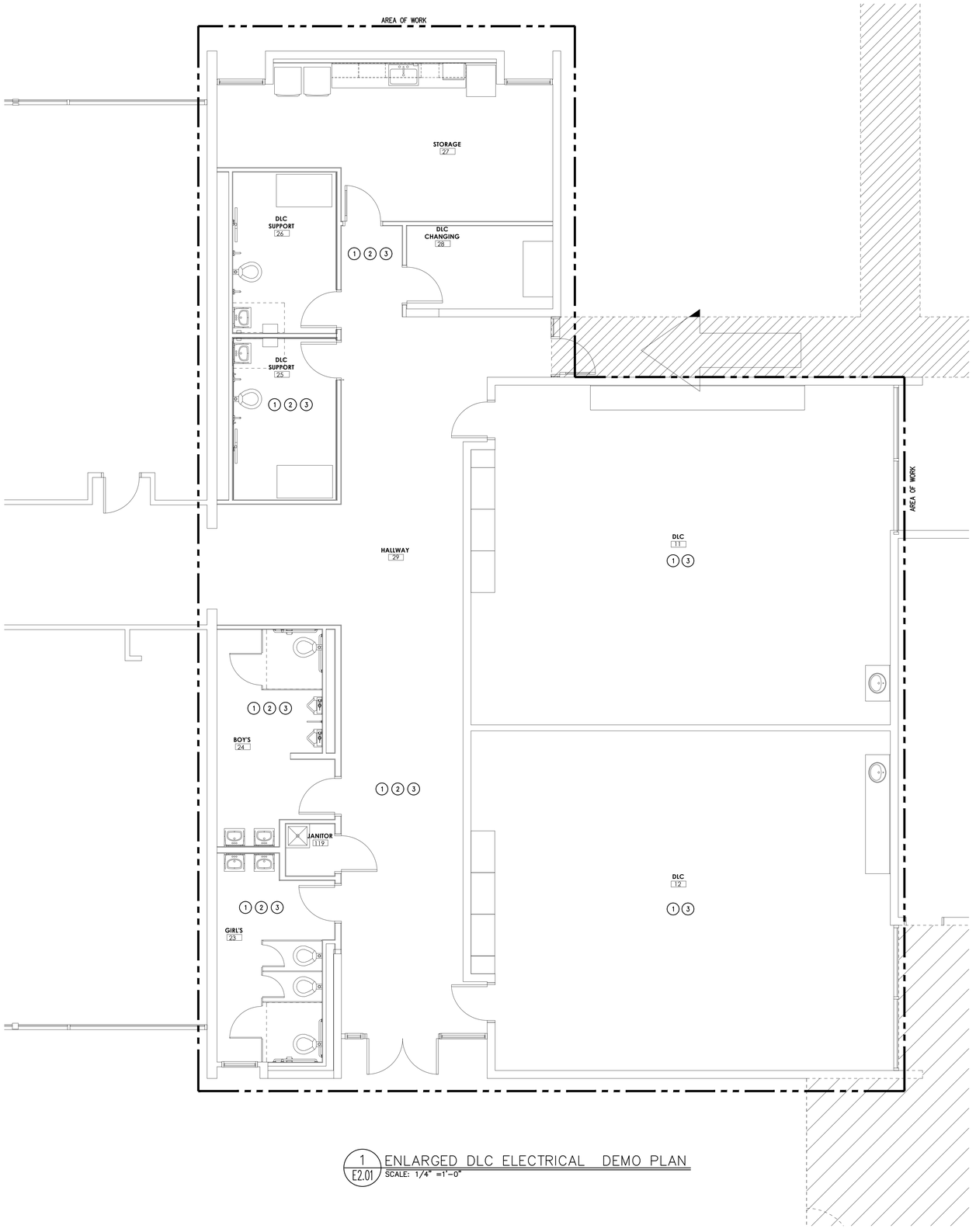
No.	Description	Date

Project Number 1920
Date 02.21.2020

PERMIT SET

ELECTRICAL SYMBOL LIST & SCHEDULES

E1.00



1 E2.01 ENLARGED DLC ELECTRICAL DEMO 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.

○ DEMOLITION SHEET NOTES:

1. DISCONNECT AND REMOVE ALL ELECTRICAL DEVICES TO AREAS SCHEDULED FOR REMOVAL. REMOVE WIRING AS FAR BACK AS NECESSARY (IE: NEAREST DEVICE TO REMAIN).
2. DISCONNECT POWER TO MECHANICAL EQUIPMENT TO BE REMOVED AND/OR REPLACED. MAINTAIN EXISTING CIRCUIT CONDUCTORS FOR RECONNECTION OF REPLACED EQUIPMENT. CONDUCTORS FEEDING EQUIPMENT TO BE REMOVED IN ITS ENTIRETY, SHALL BE REMOVED AS FAR BACK TO THE SOURCE AS POSSIBLE AND DISCONNECTED FROM THE BRANCH PANEL SERVICE THAT CIRCUIT.
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.

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Bend, Oregon 97702
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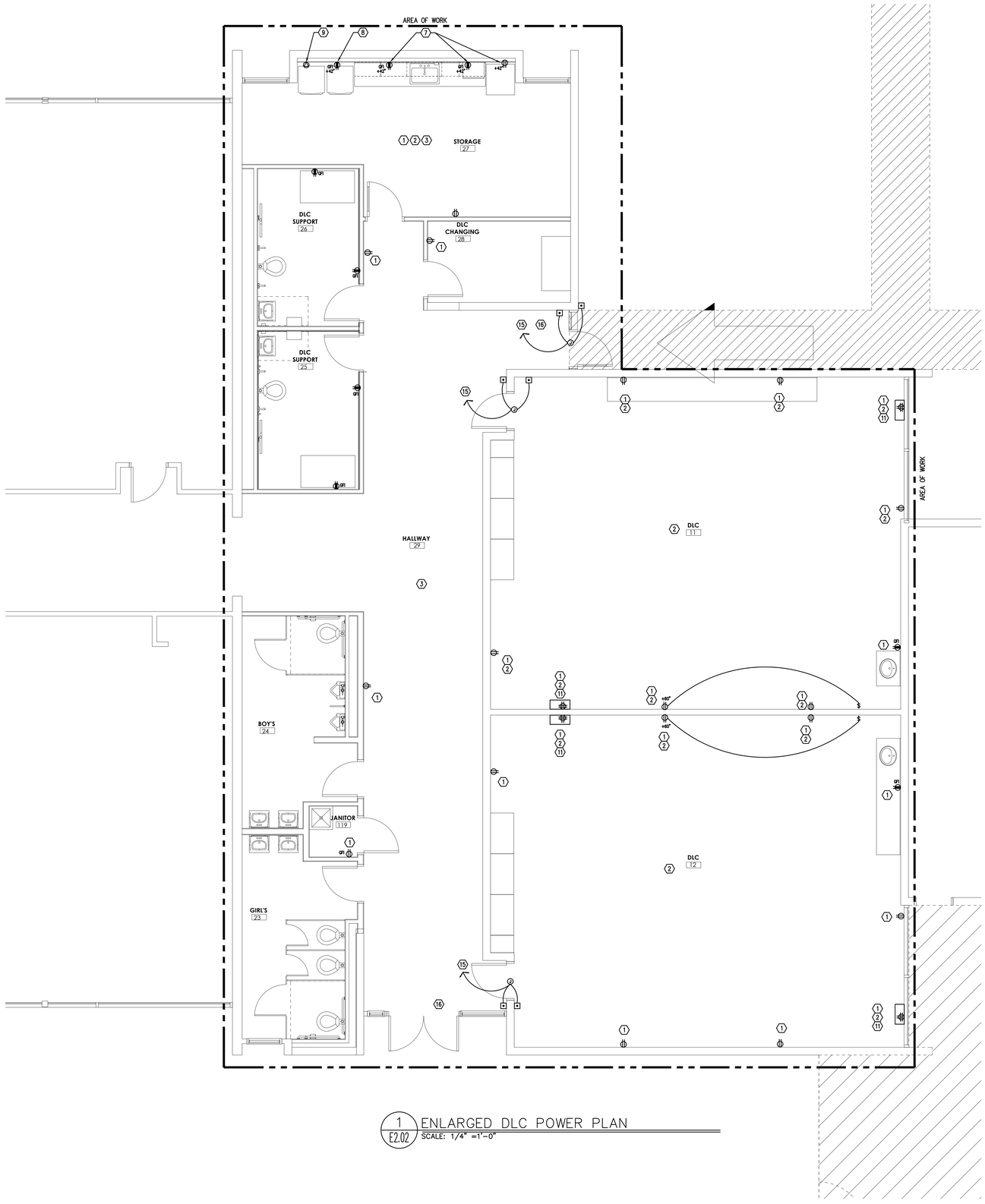
ENLARGED DLC ELECTRICAL DEMOLITION PLAN

E2.01



1 E2.02 ENLARGED DLC POWER 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. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE SCHOOL DISTRICT'S PRODUCT STANDARDS.

D. PROVIDE CEILING MOUNTED OCCUPANCY SENSORS IN EACH CLASSROOM, 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.

E. RECEPTACLE AND LIGHTING CIRCUITS IN THE AREA OF WORK, ORIGINATE FROM PANEL 'NR' (LOCATED IN THE MECHANICAL ROOM #48) AND PANEL 'G' (LOCATED IN HALL #30). CONTRACTOR SHALL REUSE CIRCUITS LEFT FROM THE DEMOLITION PORTION OF THE PROJECT WHEN EVER POSSIBLE. REFER TO SHEET E1.00 FOR EXISTING PANEL SCHEDULES.

⬡ 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 CIRCUIT ANY ADDITIONAL RECEPTACLES TO NEAREST BRANCH PANEL WITH SPARE BREAKERS.
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 KEYED SWITCH FOR CEILING MOUNTED OCCUPANCY SENSOR(S) IN RESTROOMS TO REMAIN IN THE "ON" POSITION.
6. 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, OTHERWISE EGRESS FIXTURES SHALL BE EQUIPPED WITH BATTERY BACKUP, EITHER INTEGRAL OR REMOTE. 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.
7. PROVIDE (2) 20A, 120V, 1P RECEPTACLE CIRCUITS TO GFCI RATED COUNTER TOP DUPLEX RECEPTACLES AND REFRIGERATOR. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
8. PROVIDE (1) 20A, 120V, 1P RECEPTACLE CIRCUIT TO GFCI RATED DUPLEX RECEPTACLE AT WASHER LOCATION. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
9. PROVIDE (1) 40A, 208/240V, 1P CIRCUIT TO ELECTRIC CLOTHES DRYER LOCATION. VERIFY EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
10. PROVIDE AN LED LIGHT FIXTURE IN THIS AREA TO MATCH EXISTING FIXTURES IN THE CORRIDOR AS CLOSELY AS POSSIBLE AND TIE INTO THE CORRIDOR LIGHTING CIRCUIT.
11. COORDINATE INSTALLATION OF POWER & DATA WALL BANK WITH LOW VOLTAGE INSTALLER. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
12. PROVIDE DIMMING WALL SWITCHES. LOWER CASE DESIGNATION AT SWITCH CORRESPONDS WITH THE LIGHT FIXTURES WITH THE SAME DESIGNATION.
13. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR(S). SENSORS SHALL CORRESPOND WITH THE ZONING CONTROLS LISTED IN KEY NOTE #12 ABOVE.
14. PROVIDE CEILING MOUNTED PHOTO-SENSOR(S) TO AUTOMATICALLY DIM LIGHT FIXTURES NEAR WINDOWS, REGARDLESS OF SWITCH POSITION.
15. PROVIDE POWER CONNECTION(S) AND CONTROLS FOR ADA COMPLIANT AUTOMATIC DOOR OPENERS. PROVIDE CIRCUIT FROM NEAREST BRANCH PANEL.
16. COORDINATE WITH EDNETICS SYSTEMS PROVIDER/INSTALLER TO PROVIDE ELECTRICAL CONNECTIONS FOR ANY SECURITY SYSTEMS THAT REQUIRE POWER AND TIE INTO EXISTING SECURITY CIRCUITS.

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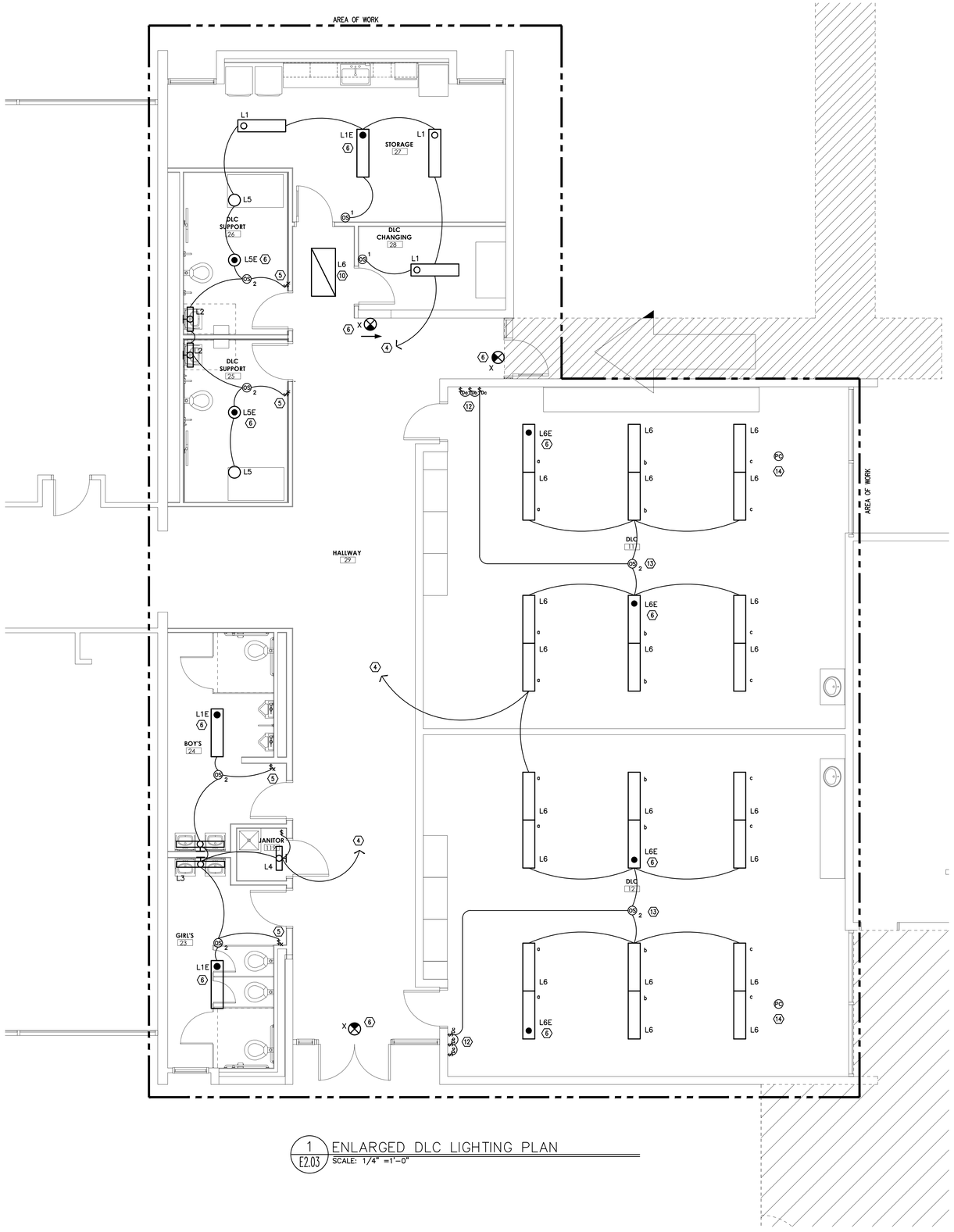
Project Number 1920
Date 02.21.2020

PERMIT SET

ENLARGED DLC POWER PLAN

E2.02



1 E2.03 ENLARGED DLC 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. ALL ELECTRICAL DEVICES AND EQUIPMENT SHALL BE IN ACCORDANCE WITH THE SCHOOL DISTRICT'S PRODUCT STANDARDS.

D. PROVIDE CEILING MOUNTED OCCUPANCY SENSORS IN EACH CLASSROOM, 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.

E. RECEPTACLE AND LIGHTING CIRCUITS IN THE AREA OF WORK, ORIGINATE FROM PANEL 'NR' (LOCATED IN THE MECHANICAL ROOM #48) AND PANEL 'G' (LOCATED IN HALL #30). CONTRACTOR SHALL REUSE CIRCUITS LEFT FROM THE DEMOLITION PORTION OF THE PROJECT WHEN EVER POSSIBLE. REFER TO SHEET E1.00 FOR EXISTING PANEL SCHEDULES.

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 CIRCUIT ANY ADDITIONAL RECEPTACLES TO NEAREST BRANCH PANEL WITH SPARE BREAKERS.
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 KEYED SWITCH FOR CEILING MOUNTED OCCUPANCY SENSOR(S) IN RESTROOMS TO REMAIN IN THE "ON" POSITION.
6. 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. OTHERWISE EGRESS FIXTURES SHALL BE EQUIPPED WITH BATTERY BACKUP, EITHER INTEGRAL OR REMOTE. 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.
7. PROVIDE (2) 20A, 120V, 1P RECEPTACLE CIRCUITS TO GFCI RATED COUNTER TOP DUPLEX RECEPTACLES AND REFRIGERATOR. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
8. PROVIDE (1) 20A, 120V, 1P RECEPTACLE CIRCUIT TO GFCI RATED DUPLEX RECEPTACLE AT WASHER LOCATION. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
9. PROVIDE (1) 40A, 208/240V, 1P CIRCUIT TO ELECTRIC CLOTHES DRYER LOCATION. VERIFY EXACT POWER REQUIREMENTS PRIOR TO ROUGH IN. REUSE CIRCUITS LEFT FROM DEMOLITION IF POSSIBLE, OR PROVIDE NEW CIRCUIT FED FROM THE NEAREST BRANCH PANEL WITH AVAILABLE CAPACITY.
10. PROVIDE AN LED LIGHT FIXTURE IN THIS AREA TO MATCH EXISTING FIXTURES IN THE CORRIDOR AS CLOSELY AS POSSIBLE AND TIE INTO THE CORRIDOR LIGHTING CIRCUIT.
11. COORDINATE INSTALLATION OF POWER & DATA WALL BANK WITH LOW VOLTAGE INSTALLER. REFER TO 'T' SERIES SHEETS FOR ADDITIONAL INFORMATION.
12. PROVIDE DIMMING WALL SWITCHES. LOWER CASE DESIGNATION AT SWITCH CORRESPONDS WITH THE LIGHT FIXTURES WITH THE SAME DESIGNATION.
13. PROVIDE CEILING MOUNTED OCCUPANCY SENSOR(S). SENSORS SHALL CORRESPOND WITH THE ZONING CONTROLS LISTED IN KEY NOTE #12 ABOVE.
14. PROVIDE CEILING MOUNTED PHOTO-SENSOR(S) TO AUTOMATICALLY DIM LIGHT FIXTURES NEAR WINDOWS, REGARDLESS OF SWITCH POSITION.
15. PROVIDE POWER CONNECTION(S) AND CONTROLS FOR ADA COMPLIANT AUTOMATIC DOOR OPENERS. PROVIDE CIRCUIT FROM NEAREST BRANCH PANEL.
16. COORDINATE WITH EDNETICS SYSTEMS PROVIDER/INSTALLER TO PROVIDE ELECTRICAL CONNECTIONS FOR ANY SECURITY SYSTEMS THAT REQUIRE POWER AND TIE INTO EXISTING SECURITY CIRCUITS.

BBT ARCHITECTS
1140 sw Simpson Ave. - Suite 200
Bend, Oregon 97702
t 541.382.5535 | f 541.389.8033

02.21.2020

REGISTERED PROFESSIONAL ENGINEER
16,597
OREGON
JULY 20, 1983
ROBERT L. CONNELL
EXPIRES 12-31-2021

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: MFIA ENGINEERS

SALEM-KEIZER SCHOOL DISTRICT GRANT COMMUNITY SCHOOL RENOVATION

725 MARKET ST NE
SALEM, OR 97301

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