GENERAL NOTES

A. ALL CONDITIONS SHOWN AS EXISTING ON THESE DRAWINGS WERE TAKEN FROM THE BEST AVAILABLE RECORDS, DOCUMENTS, AND AS-BUILT INFORMATION PROVIDED BY OWNER. AN EFFORT WAS MADE TO CONFIRM THE INFORMATION BY VISUAL INSPECTION AND INTERVIEWS WITH SERVICE PERSONNEL. HOWEVER, NOT ALL CONDITIONS COULD BE VERIFIED THUS SOME SITE AND BUILDING CONDITIONS COULD DIFFER FROM THOSE SHOWN. THE CONTRACTOR SHOULD VERIFY EXISTING CONDITIONS WHEN BUILDING ELEMENTS ARE OPENED OR REMOVED ALLOWING MORE COMPLETE ACCESS AND INSPECTION AND NOTIFY OWNER AND ENGINEER ON CONFLICTS. MINOR ADJUSTMENTS TO LOCATIONS, ELBOWS, FITTINGS, SIZES, ETC THAT ARE COMMON TO REMODEL/RETROFIT PROJECTS ARE ACCEPTABLE WITHOUT CONSULTATION WITH ENGINEER WHEN RECORDED ON THE AS-BUILT DOCUMENTS.

B. THE OWNER RESERVES THE OPTION TO RETAIN ANY ITEMS REMOVED FROM THE EXISTING INSTALLATION. COORDINATE WITH OWNER FOR RETURN, REMOVAL, OR RECYCLING OF EQUIPMENT.

C. THIS INSTALLATION SHALL COMPLY WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NFPA-70, '17 EDITION) AS AMENDED BY OESC 918-305. ALL WORK SHALL BE PERFORMED IN A NEAT AND WORKMANLIKE MANNER WITHIN STANDARD OF CARE FOR PROFESSION PER NEC 110.12 AND NECA-1. PLANS MAY INDICATE WORK OR STANDARDS WHICH EXCEEDS CODE MINIMUMS. SPECIFICATIONS AND PLAN DRAWINGS ARE TO BE TAKEN TOGETHER AND UNDERSTOOD AS ONE.

D. CONTRACTOR SHALL BE FAMILIAR WITH, LICENSED TO PERFORM AND EXPERIENCED WITH SUCH WORK INDICATED HEREIN, AND BE QUALIFIED TO MEET MOST RECENT OSHA CERTIFICATION TO SAFELY WORK ON ENERGIZED EQUIPMENT. CONTRACTOR IS RESPONSIBLE FOR DETERMINING SAFETY REQUIREMENTS; REFER TO AND COMPLY WITH OSHA 29CFR.1910 AND 1926 ELECTRICAL SAFETY PORTIONS AS AMENDED BY OAR 437; REFER TO AND COMPLY WITH LOCAL FACILITY SAFETY PROGRAM IN EFFECT. CONTRACTOR RESPONSIBLE FOR DETERMINING CONSTRUCTION SCHEDULES, METHOD AND MEANS REQUIREMENTS.

E. CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND FEES REQUIRED BY GOVERNMENT AGENCY HAVING JURISDICTION OVER THE ELECTRICAL WORK AND SHALL BE IN COMPLIANCE WITH THOSE STANDARDS AND SHALL ARRANGE FOR INSPECTIONS AS REQUIRED; ALL INSPECTIONS SHALL BE WITNESSED AND DOCUMENTED.

F. ALL COMPONENTS, DEVICES, MATERIALS, AND UTILIZATION EQUIPMENT FURNISHED OR PROVIDED UNDER THIS SECTION SHALL BE NEW AND ORIGINAL, LISTED AND LABELED PER NEC 90.7 AND 110.3 TO U.L. OR EQUIVALENT FOR ITS INTENDED PURPOSE, SUITABLE FOR ITS USE AND SHALL BE INSTALLED PER MANUFACTURER'S WRITTEN INSTRUCTIONS, OPERATE PER DESIGN INTENT, BE UNDAMAGED AND HAVE MANUFACTURER'S FULL WARRANTY IN EFFECT AT THE DATE OF FINAL ACCEPTANCE OF THIS WORK.

G. BY THE ACT OF SUBMITTING A BID THE CONTRACTOR SHALL BE DEEMED TO HAVE EXAMINED THE SITE, ALL OTHER CONSTRUCTION DOCUMENTS, IDENTIFIED HAZARDS PRESENT, IDENTIFIED FIRE/SMOKE/SEISMIC RATED AREAS AND TO HAVE ACCEPTED GENERAL AND EXISTING CONDITIONS AND INCLUDED ALLOWANCES IN THE BID.

H. CONTRACTOR SHALL COORDINATE AND MAKE FINAL ELECTRICAL CONNECTIONS AT ELECTRICALLY POWERED EQUIPMENT; INCLUDING THOSE OF OTHER TRADES. CONTRACTOR SHALL TEST AND SUPERVISE THE INITIAL OPERATION OF ALL ELECTRICALLY ENERGIZED EQUIPMENT AND SPECIAL LOW-VOLT SYSTEMS.

I. UNLESS DIRECTED OTHERWISE, PLANS ASSUME EXISTING FACILITY OVERALL ELECTRICAL IS GENERALLY COMPLIANT (PER NFPA 70 NEC AT TIME OF INSTALL), FULLY- OPERATIONAL (PROPERLY MAINTAINED PER NFPA 70B) AND OPERATE IN SAFE CONDITION (PER NFPA 70E) AND HAS FOLLOWED SPECIFIC MANUFACTURER'S INSTALLATION/MAINTENANCE INSTRUCTIONS WHERE APPLICABLE; AND SUBSEQUENT EQUIPMENT INSPECTIONS OR TESTING WAS PER ANSI/NETA STANDARD FOR MTS, PERFORMED BY CERTIFIED TECHNICIANS. PLANS ASSUME EXISTING FACILITY HAS A QUALIFIED WRITTEN ELECTRICAL SAFETY ADMINISTRATION, PROGRAM AND LABELING IN-PLACE. PLANS ASSUME EXISTING FACILITY GENERALLY COMPLIES WITH ADA & OSHA.

J. SEAL AND PLUG RACEWAYS AT BUILDING PENETRATIONS PER NEC 230.8 & 300.5. PLUG BOTH ENDS WITH POLYWATER FST-250 WHERE EXTERIOR ELEVATION IS HIGHER THAN INTERIOR ELEVATION.

K. ELECTRICAL WORK SHALL BE PERFORMED UNDER ELECTRICALLY SAFE WORK CONDITIONS WITH LOCK-OUT TAG-OUT PER NFPA 70E. KEEP POWER DISRUPTIONS TO A MINIMUM AND NOTIFY OWNER IN ADVANCE OF POWER DISRUPTIONS.

L. PROJECT INVOLVES RE-USE OF EXISTING FEEDERS AND BRANCH CIRCUIT WIRING AS PART OF MDP AND PANEL REPLACEMENTS WHICH REQUIRE LIMITED TESTING PRIOR TO RE-USE. REMOVE LOADS AND ISOLATE EQUIPMENT TERMINALS; VISUALLY INSPECT AND GO/NOGO DC MEGGER TEST END-TO-END FEEDER AND BRANCH CIRCUIT CONDUCTORS PRIOR TO REUSE (1 MEGAOHM MINIMUM). CONTRACTOR SHALL FURNISH THE INSTRUMENTS, MATERIALS, AND LABOR FOR ALL TESTS. PROVIDE WRITTEN REPORT FOR ANY FAILURES.

M. RUN RACEWAY/CONDUIT CONCEALED WHERE FEASIBLE WITH MINIMAL WALL OPENINGS; IN LIMITED AREAS WHERE EXISTING RACEWAY/CONDUIT RUN EXPOSED, MATCH & PAINT RACEWAY/CONDUIT IN CLASSROOM, OFFICE AND BELOW 8' IN CORRIDORS. SEE ARCHITECTURAL FOR PAINTS.

LOAD SUMMARY NOTE:

THE EXISTING SERVICE (EWEB METER #151483) IS A 800A, 208Y/120V, 3 PHASE, 4 WIRE SERVICE THAT HAS THE CAPACITY TO PROVIDE 288.2KVA OF LOAD. THE EXISTING PEAK DEMAND IS 91.2 KVA IN JANUARY 2019. THE CALCULATION BELOW SHOW THE NEW LOAD ADDED TO THE EXISTING PEAK DEMAND X 1.25% PER NEC 220-87. THE SUM IS 266KVA, WHICH IS A WORSE CASE SCENARIO.

NEW LOAD		152 KVA	
EXISTING PEAK DEMAND 91.2 KVA 91.2 KVA X 1.25%		114 KVA	
TOTAL LOAD		266 KVA	738.3 AMPS AT 208V, 3 PHASE

FEEDER SCHEDULE

TYPE	DESCRIPTION
201	(1) #12 CU THWN, (1) #12 CU GND IN 0.75"C.
303	(3) #10 CU THWN, (1) #10 CU GND IN 1"C.
503	(3) #6 CU THWN, (1) #10 CU GND IN 1"C.
603	(3) #4 CU THWN, (1) #10 CU GND IN 1"C.
803	(3) #3 CU THWN, (1) #8 CU GND IN 1"C.
1003	(3) #1 CU THWN, (1) #8 CU GND IN 1.5"C.

NOTE: FEEDER SCHEDULE APPLIES TO ALL ELECTRICAL DRAWINGS AND SCHEDULES.

ELECTRICAL SYMBOL LIST

A	AMP
AF	AMP-FRAME, AMP-FUSE
AS	AMP-SWITCH
AT	AMP-TRIP
C	CONDUIT
CKT	CIRCUIT
CU	COPPER
(E)	EXISTING
EOR	ENGINEER OF RECORD
G	GROUND WIRE
GFI	GROUND FAULT INTERUPTER
GND	GROUND
IG	ISOLATED GROUND
MD	MOTORIZED DAMPER
(N)	NEW
NO.	NUMBER
P	POLE
TBD	TO BE DETERMINED
V	VOLTS
VA	VOLT-AMPS
WP	WEATHERPROOF
———	CONDUIT – CONCEALED
———	CONDUIT – EXPOSED
~~	CONDUIT – FLEXIBLE
——•	CONDUIT – STUB-DOWN
——⫤	CONDUIT – STUB-OUT
——○	CONDUIT – STUB-UP
	GROUND CONNECTION
	PANEL – 208Y/120V BRANCH CIRCUIT (SURFACE-MOUNTED)
	EQUIPMENT CONNECTION
	PANEL – FIRE ALARM
	RECEPTACLE – DUPLEX, MOUNT 18" AFF, UON
	RECEPTACLE – DOUBLE DUPLEX, MOUNT 18" AFF, UON
	RECEPTACLE – DUPLEX, CEILING-MOUNTED
	RECEPTACLE – SINGLE, CEILING-MOUNTED, CONFIGURATION AS SHOWN
Φ_H	RECEPTACLE – DUPLEX ABOVE COUNTER, HORIZONTAL
	RECEPTACLE – MOUNTED ABOVE COUNTER
	RECEPTACLE – ISOLATED GROUND
	RECEPTACLE – SPECIAL PURPOSE
	RECEPTACLE – SINGLE, CONFIGURATION AS SHOWN
Φ_P	RECEPTACLE – PENDANT DROP
$\$_a$	SWITCH DESIGNATOR
$	SWITCH – SINGLE-POLE, MOUNT 48" AFF, UON
$3	SWITCH – THREE-WAY, MOUNT 48" AFF UON.
$4	SWITCH – FOUR-WAY
$T	SWITCH – TIMER
F	SWITCH – FUSED DISCONNECT
	SWITCH – NON-FUSED DISCONNECT
	COMBINATION STARTER/DISCONNECT
	MOTOR CONNECTION
J	JUNCTION BOX – CEILING-MOUNTED
J	JUNCTION BOX – WALL-MOUNTED
M	METER BASE – UTILITY COMPANY APPROVED
T	THERMOSTAT

MECHANICAL/ELECTRICAL EQUIPMENT SCHEDULE

EXISTING TAG	NEW TAG	SPACE SERVED	EXISTING LOAD	NEW LOAD	VOLT/PH	EXISTING CIRCUIT	NEW CIRCUIT	EXISTING DISCONNECT	NEW DISCONNECT	FEEDER	NOTES
HV-2	RTU-2	BUILDING C	12.4A	86A	208V/3PH	PNL 1-14,16,18	MDP	30A	100AS, 100AF	1003	3
HV-3	RTU-3	BUILDING D	7.0A	27A	208V/3PH	PNL 5-13,15,17	PNL 5-13,15,17	30A	60AS, 45AF	503	
HV-4	RTU-4	BUILDING E	12.6A	68A	208V/3PH	PNL 4-17,19,21	PNL 4-17,19,21	30A	100AS, 80AF	803	
HV-5	RTU-5	BUILDING F	12.6A	52A	208V/3PH	PNL 6-18,20,22	MDP	30A	60AS, 60AF	603	3
HV-6	RTU-6	BUILDING G	5.4A	26A	208V/3PH	PNL 10-30,32,34	PNL 10-30,32,34	30A	30AS, 30AF	303	1,2
HV-7	RTU-7	BUILDING G	12.6A	71A	208V/3PH	PNL 10-20,22,24	MDP	30A	100AS, 80AF	803	3
HV-8	RTU-8	BUILDING H	12.6A	71A	208V/3PH	PNL 7-26,28,30	MDP	30A	100AS, 80AF	803	3
HV-9	RTU-9	BUILDING H	7.3A	26A	208V/3PH	PNL 8-17,19,21	PNL 8-17,19,21	30A	30AS, 30AF	303	1,2
HV-10	RTU-10	BUILDING B	14.0A	86A	208V/3PH	PNL 12-15,17,19	MDP	30A	100AS, 100AF	1003	3

NOTES:
1. EXISTING HV TO BE REPLACED WITH LIKE TYP. RE-USE EXISTING CONDUIT AND CONDUCTORS TO MAXIMUM EXTENT POSSIBLE.
2. EXISTING DISCONNECT WITH BOX MOUNTED WP, GFI RECEPTACLE TO BE RE-USED
3. NEW LOAD IS TOO LARGE FOR EXISTING PANELS. NEW FEED LOCATION TO COME FROM MAIN ELECTRICAL ROOM MDP.

DRAWING NAMES

E0.1 ELECTRICAL SCHEDULES AND LEGENDS
E0.2 ONE-LINE DIAGRAM & PANEL SCHEDULES
E0.3 PANEL SCHEDULES
E0.4 PANEL SCHEDULES
E1.0 ELECTRICAL PARTIAL SITE PLAN – EAST
E1.1 ELECTRICAL PARTIAL SITE PLAN – WEST

REGISTERED PROFESSIONAL ENGINEER
88445PE
OREGON
NOV 12, 2019
JONATHAN PATRICK LILLY
RENEWAL DATE: 12/31/2020
2020.11.06 10:49:31-08'00'

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REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

ELECTRICAL LEGEND AND SCHEDULES

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.

E0.1

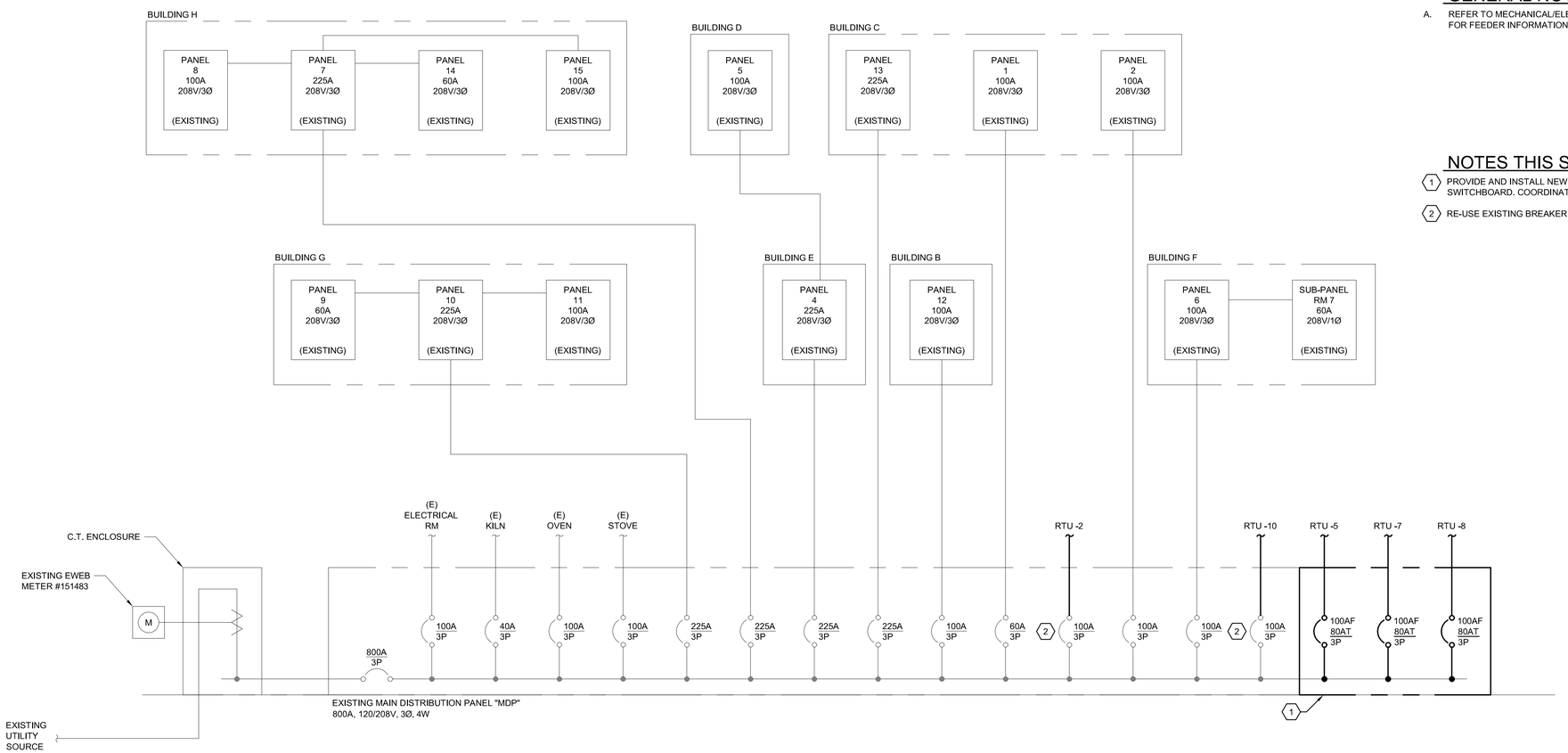
SHEET 1 OF 6

GENERAL NOTES

A. REFER TO MECHANICAL/ELECTRICAL CONNECTION SCHEDULE ON SHEET E0.1 FOR FEEDER INFORMATION.

NOTES THIS SHEET

1. PROVIDE AND INSTALL NEW 800A SECTION ONTO EXISTING GE SPECTRE SERIES SWITCHBOARD. COORDINATE WITH MANUFACTURER FOR COMPATIBILITY.
2. RE-USE EXISTING BREAKER IN MDP TO FEED NEW ROOF TOP UNIT.



1 E0.2 EXISTING ONE-LINE DIAGRAM
NOT TO SCALE

PANEL: 1 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING C | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	EXHAUST FAN	20/1	M	1920	A			20/1	SPARE	2
3	SPARE	20/1			B	1200	L	20/1	LTS KITCHEN	4
5	LTS CAFETERIA	20/1	L	1200	C	1200	L	20/1	LTS STAGE	6
7	LTS CAFETERIA	20/1	L	1200	A	1200	L	20/1	LTS STAGE	8
9	LTS CAFETERIA	20/1	L	1200	B	1200	R	20/1	RECP SINK	10
11	SPARE	20/1			C	1920	K	20/1	FRIDGE	12
13	SPARE (NOTE 3)	20/3			A		H	15/3	HV-1	14
15	–	–			B		H	–	–	16
17	–	–			C		H	–	–	18
19	LTS SERVING	20/1	L	1200	A	1200	R	20/1	RECP TELE. BD.	20
21	LTS HALL	20/1	L	1200	B	1200	R	20/1	RECP TELE. BD.	22
23	LTS HALL	20/1	L	1200	C	1200	R	20/1	RECP TELE. BD.	24
25	RECP ROOF	20/1	R	1200	A	1200	R	20/1	RECP TELE. BD.	26
27	SPARE	20/1			B	1200	R	20/1	RECP ROOF	28
29	FIRE DOORS & ALARM	20/1	Z	1200	C	1248	H	15/2	SPLIT SYSTEM	30
31	DISPLAY CASE LIGHTS	20/1	L	1200	A	1248	H	–	–	32
33	SPARE	20/1			B	1535	Z	20/3	STARE AREA	34
35	SPARE	20/1			C	1535	Z	–	–	36
37	SPACE				A	1535	Z	–	–	38
39	SPACE				B				SPACE	40
41	SPACE				C				SPACE	42

	CONNECTED LOAD	.....NOTES.....
LOAD PER PHASE (VA)	A= 13,103 VA	1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
	B= 8,735 VA	2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
	C= 10,703 VA	
LOAD PER PHASE (AMPS)	A= 109.2 A	3. REMOVED EXISTING LOAD.
	B= 72.8 A	
	C= 89.2 A	4.
TOTAL LOAD (KVA)	32.5 KVA	5.
TOTAL LOAD AMPS	90.3 A	

PANEL: 2 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING C | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	LTS OFFICE	20/1	L	1200	A	1664	K	20/2	KITCHEN DISHWASHER	2
3	RECP OFFICE	20/1	R	1200	B	1664	K	–	–	4
5	RECP CUSTODIAN	20/1	R	1200	C	1200	R	20/1	RECP LOUNGE	6
7	LTS LOUNGE	20/1	L	1200	A	1200	R	20/1	RECP NURSE SO.	8
9	LTS LOUNGE HALL	20/1	L	1200	B	1200	L	20/1	LTS TERRACE	10
11	SPARE	20/1			C	1200	Z	20/1	MASTER CLOCK	12
13	LTS RESTROOMS	20/1	L	1200	A	1535	Z	60/3	PANL #3	14
15	RECP RESTROOMS	20/1	R	1200	B	1535	Z	–	–	16
17	LTS LOUNGE	20/1	L	1200	C	1535	Z	–	–	18
19	INTERCOM, ADT PANEL	20/1	Z	1200	A				SPACE	20
21	CLOCKS	20/1	Z	1200	B				SPACE	22
23	SPARE	20/1			C				SPACE	24
25	SPARE	20/1			A				SPACE	26
27	SPARE	20/1			B				SPACE	28
29	SPARE	20/1			C				SPACE	30

	CONNECTED LOAD	.....NOTES.....
LOAD PER PHASE (VA)	A= 9,199 VA	1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
	B= 9,199 VA	2.
	C= 6,335 VA	
LOAD PER PHASE (AMPS)	A= 76.7 A	3.
	B= 76.7 A	
	C= 52.8 A	4.
TOTAL LOAD (KVA)	24.7 KVA	5.
TOTAL LOAD AMPS	68.7 A	

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REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

ELECTRICAL ONE-LINE DIAGRAM
& PANEL SCHEDULES

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.
E0.2
SHEET 2 OF 6

PANEL: 4 | BUS: 225 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING E | MAIN BRKR: 225 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	RECP B03	20/1	R	1200	A	1200	R	20/1	RECP B01	2
3	LTS B03	20/1	L	1200	B	1200	L	20/1	LTS B01	4
5	LTS B03	20/1	L	1200	C	1200	L	20/1	LTS B01	6
7	LTS B03	20/1	L	1200	A	1200	L	20/1	LTS B02	8
9	MINI HUB / RECP JANITOR RM	20/1	R	1200	B	1200	L	20/1	LTS B02	10
11	SPARE	20/1			C	1200	R	20/1	RECP B02	12
13	LTS RESTROOM	20/1	L	1200	A	1200	L	20/1	LTS HALLWAY	14
15	RECP B03	20/1	R	1200	B	1200	R	20/1	RECP B02	16
17	RTU-4 (NOTE 2)	80/3	H	6525	C	1664	M	20/2	HOT WATER HEATER	18
19	–	–	H	6525	A	1664	M	–	–	20
21	–	–	H	6525	B				SPACE	22
23	RECP ROOF	20/1	R	1200	C	10461	Z	100/3	PANEL #5	24
25	RECP B01	20/1	R	1200	A	12861	Z	–	–	26
27	RECP B02	20/1	R	1200	B	9261	Z	–	–	28
29	RECP B03	20/1	R	1200	C				SPACE	30
31	SPACE				A				SPACE	32
33	SPACE				B				SPACE	34
35	SPACE				C				SPACE	36

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	29,451	VA
	B=	24,187	VA
	C=	24,651	VA
LOAD PER PHASE (AMPS)	A=	245.4	A
	B=	201.6	A
	C=	205.4	A
TOTAL LOAD (KVA)		78.3	KVA
TOTAL LOAD AMPS		217.3	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3.
4.
5.

PANEL: 6 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING F | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	SPARE	20/1			A	1200	L	20/1	LTS CC03	2
3	LTS C01	20/1	L	1200	B	1200	L	20/1	LTS CC03	4
5	LTS C01	20/1	L	1200	C	1200	L	20/1	LTS C02	6
7	LTS C01	20/1	L	1200	A	1200	L	20/1	LTS C02	8
9	LTS RESTROOM	20/1	L	1200	B	1200	L	20/1	LTS C02	10
11	RECP C02	20/1	R	1200	C	1200	R	20/1	LTS/RECP C02	12
13	LTS HALLWAY	20/1	R	1200	A	1200	L	20/1	LTS C03	14
15	RECP C01	20/1	R	1200	B				SPACE	16
17	HOT WATER HEATER	20/2	M	1664	C			15/3	SPARE (NOTE 3)	18
19	–	–	M	1664	A			–	–	20
21	SPACE				B			–	–	22
23	RECP CUSTODIAN	20/1	R	1200	C	5200	Z	90/2	SUB-PANEL RM #7	24
25	RECP ROOF	20/1	R	1200	A	5200	Z	–	–	26
27	LTS BREEZEWAY / RECP RM #8	20/1	L	1200	B				SPACE	28
29	LTS C03	20/1	L	1200	C				SPACE	30

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	14,064	VA
	B=	7,200	VA
	C=	14,064	VA
LOAD PER PHASE (AMPS)	A=	117.2	A
	B=	60.0	A
	C=	117.2	A
TOTAL LOAD (KVA)		35.3	KVA
TOTAL LOAD AMPS		98.1	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3. REMOVED EXISTING LOAD.
4.
5.

PANEL: 8 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING H | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	RECP HALL	20/1	R	1200	A	1200	L	20/1	LTS LIBRARY	2
3	LTS/RECP HALL	20/1	L	1200	B	1200	L	20/1	LTS LIBRARY	4
5	RECP LIBRARY	20/1	R	1200	C	1200	L	20/1	LTS PERIM. AREA	6
7	RECP LIBRARY	20/1	R	1200	A	1200	L	20/1	LTS INSIDE AREA	8
9	RECP LIBRARY	20/1	R	1200	B	1200	R	20/1	RECP FLOOR	10
11	RECP RM #14	20/1	R	1200	C	1200	R	20/1	RECP FLOOR	12
13	RECP RM #14	20/1	R	1200	A	1200	R	20/1	RECP FLOOR	14
15	LTS CENTER AREA	20/1	L	1200	B	1200	R	20/1	RECP UNDER DESK	16
17	RTU-9 (NOTE 2)	30/3	H	2495	C	1200	R	20/1	COPY MACHINE	18
19	–	–	H	2495	A	1200	R	20/1	WIREMOLD RECP	20
21	–	–	H	2495	B	1200	R	20/1	WIREMOLD RECP	22
23	RECP ROOF	20/1	R	1200	C				SPACE	24
25	RECPT RM #14	20/1	R	1200	A				SPACE	26
27	RECPT RM #14	20/1	R	1200	B				SPACE	28
29	RECPT RM #14	20/1	R	1200	C				SPACE	30

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	12,095	VA
	B=	12,095	VA
	C=	10,895	VA
LOAD PER PHASE (AMPS)	A=	100.8	A
	B=	100.8	A
	C=	90.8	A
TOTAL LOAD (KVA)		35.1	KVA
TOTAL LOAD AMPS		97.4	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3.
4.
5.

PANEL: 5 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING D | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	LTS RM #4	20/1	L	1200	A	1200	R	20/1	RECP RM #5	2
3	LTS RM #4	20/1	L	1200	B	1200	L	20/1	LTS RM #5	4
5	RECP RM #4	20/1	R	1200	C	1200	R	20/1	RECP RM #4	6
7	LTS RESTROOM	20/1	L	1200	A	1200	L	20/1	LTS RM #5	8
9	RECP RM #4	20/1	R	1200	B	1200	R	20/1	RECP RM #5	10
11	SPARE	20/1			C	1200	R	20/1	RECP RM #5	12
13	RTU-3 (NOTE 2)	30/3	H	2591	A	3071	M	40/3	WATER HEATER	14
15	–	–	H	2591	B	3071	M	–	–	16
17	–	–	H	2591	C	3071	M	–	–	18
19	SPARE	20/1			A			20/2	SPARE	20
21	RECP ROOF	20/1	R	1200	B			–	–	22
23	SPARE	20/1			C				SPACE	24
25	SPARE	20/1			A				SPACE	26
27	RECP RM #4	20/1	R	1200	B				SPACE	28
29	SPARE	20/1			C				SPACE	30

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	10,461	VA
	B=	12,861	VA
	C=	9,261	VA
LOAD PER PHASE (AMPS)	A=	87.2	A
	B=	107.2	A
	C=	77.2	A
TOTAL LOAD (KVA)		32.6	KVA
TOTAL LOAD AMPS		90.4	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3.
4.
5.

PANEL: 7 | BUS: 225 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING H | MAIN BRKR: 225 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	LTS RM #13	20/1	L	1200	A	1200	L	20/1	LTS RM #17	2
3	LTS BREEZEWAY	20/1	L	1200	B	1200	L	20/1	LTS RM #15	4
5	LTS RM #15	20/1	L	1200	C	1200	L	20/1	LTS RM #15	6
7	LTS RM #16	20/1	L	1200	A	1200	L	20/1	LTS CUSTODIAN	8
9	LTS RM #16	20/1	L	1200	B	1200	L	20/1	LTS HALL	10
11	LTS RESTROOM	20/1	L	1200	C	1200	R	20/1	RECP RM #15	12
13	RECP RM #15	20/1	R	1200	A	1200	R	20/1	RECP HALL	14
15	RECP RM #16	20/1	R	1200	B	1200	L	20/1	LTS BREEZEWAY	16
17	RECP RM #15	20/1	R	1200	C	1200	R	20/1	RECP STORE RM	18
19	RECP RM #14	20/1	R	1200	A	1200	L	20/1	LTS RM #14	20
21	HOT WATER HEATER	20/3	M	1535	B	4160	Z	60/2	PANEL #14	22
23	–	–	M	1535	C	4160	Z	–	–	24
25	–	–	M	1535	A			15/3	SPARE (NOTE 3)	26
27	PANEL #8	100/3	Z	12095	B			–	–	28
29	–	–	Z	12095	C			–	–	30
31	–	–	Z	10895	A				SPACE	32
33	RECP ROOF/ADT PANEL	20/1	R	1200	B				SPACE	34
35	RECP RM #14	20/1	R	1200	C	6240	Z	100/2	PANEL #15	36
37	RECP RM #15	20/1	R	1200	A	6240	Z	–	–	38
39	RECP RM #16	20/1	R	1200	B	1200	R	20/1	RM #14 MICROWAVE	40
41	LTS STORE RM	20/1	L	1200	C	1200	R	20/1	RM #14 FRIDGE	42

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	29,470	VA
	B=	28,590	VA
	C=	34,830	VA
LOAD PER PHASE (AMPS)	A=	245.6	A
	B=	238.3	A
	C=	290.3	A
TOTAL LOAD (KVA)		92.9	KVA
TOTAL LOAD AMPS		ERR	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3. REMOVED EXISTING LOAD.
4.
5.

PANEL: 10 | BUS: 225 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE
FEEDER: BUILDING G | MAIN BRKR: 225 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	LTS/RECP CUSTODIAN	20/1	L	1200	A	1200	L	20/1	LTS D02	2
3	RECP D01	20/1	R	1200	B	1200	L	20/1	LTS D02	4
5	RECP D01	20/1	R	1200	C	1200	L	20/1	LTS D02	6
7	LTS D01	20/1	L	1200	A	1200	R	20/1	RECP D03	8
9	LTS D01	20/1	L	1200	B	1200	R	20/1	RECP D03	10
11	LTS D01	20/1	L	1200	C	1200	L	20/1	LTS D03	12
13	RECP D01, D02	20/1	R	1200	A	1200	L	20/1	LTS D03	14
15	RECP D02	20/1	R	1200	B	1200	L	20/1	LTS RESTROOM	16
17	SPARE	20/1			C	1200	L	20/1	LTS D03	18
19	HOT WATER HEATER	20/3	M	1535	A			15/3	SPARE (NOTE 3)	20
21	–	–	M	1535	B			–	–	22
23	–	–	M	1535	C			–	–	24
25	PNL #11 (GYM)	100/3	Z	5757	A	4160	Z	60/2	PNL #9	26
27	–	–	Z	5757	B	4160	Z	–	–	28
29	–	–	Z	5757	C	2495	H	30/3	RTU-6 (NOTE 2)	30
31	ADT PANEL	20/1	Z	1200	A	2495	H	–	–	32
33	RECP ROOF #7	20/1	R	1200	B	2495	H	–	–	34
35	RECP D01, D02	20/1	R	1200	C				SPACE	36
37	RECP D02	20/1	R	1200	A				SPACE	38
39	RECP D03	20/1	R	1200	B				SPACE	40
41	LTS HALLWAY	20/1	L	1200	C				SPACE	42

CONNECTED LOAD

LOAD PER PHASE (VA)	A=	23,548	VA
	B=	23,548	VA
	C=	18,188	VA
LOAD PER PHASE (AMPS)	A=	196.2	A
	B=	196.2	A
	C=	151.6	A
TOTAL LOAD (KVA)		65.3	KVA
TOTAL LOAD AMPS		181.2	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3. REMOVED EXISTING LOAD.
4.
5.

REGISTERED PROFESSIONAL ENGINEER
88445PE
OREGON
NOV 12, 2013
JONATHAN PATRICK KELLY
RENEWAL DATE: 12/31/2020
2020.11.06 10:50:33-08'00'

R&W ENGINEERING, INC.

R&W ENGINEERING, INC.
"Engineering Integrated Solutions"
9615 S.W. Allen Blvd., Suite 107
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E-mail: rweng@rweng.com

REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

ELECTRICAL PANEL SCHEDULES

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.

E0.3

SHEET 3 OF 6

PANEL: 12 | BUS: 100 A | DATE: 10/22/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE

FEEDER: BUILDING B | MAIN BRKR: 100 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	LTS RM #17	20/1	L	1200	A	1200	L	20/1	LTS HALL	2
3	LTS RM #17	20/1	L	1200	B	1200	L	20/1	LTS RESTROOMS	4
5	RECP RM #17	20/1	R	1200	C	1200	R	20/1	RECP RM #17	6
7	LTS BREEZEWAY	20/1	L	1200	A	1200	R	20/1	RECP RM #19	8
9	LTS RM #19	20/1	L	1200	B	1200	R	20/1	RECP RM #19, #18, HALL	10
11	RECP RM #18	20/1	R	1200	C	1200	L	20/1	LTS RM #18	12
13	RECP RM #18	20/1	R	1200	A	1200	L	20/1	LTS RM #18	14
15	SPARE (NOTE 3)	15/3			B			40/3	SPARE	16
17	–	–			C			–	–	18
19	–	–			A			–	–	20
21	RECP ROOF	20/1	R	1200	B	1664	M	20/2	WATER HEATER	22
23	RECP RM #19	20/1	R	1200	C	1664	M	–	–	24
25	RECP RM #18	20/1	R	1200	A				SPACE	26
27	RECP RM #17	20/1	R	1200	B				SPACE	28
29	LTS BREEZEWAY	20/1	L	1200	C				SPACE	30

	CONNECTED LOAD		
LOAD PER PHASE (VA)	A=	8,400	VA
	B=	8,864	VA
	C=	8,864	VA
LOAD PER PHASE (AMPS)	A=	70.0	A
	B=	73.9	A
	C=	73.9	A
TOTAL LOAD (KVA)		26.1	KVA
TOTAL LOAD AMPS		72.5	A

.....NOTES.....

1. ALL EXISTING LOADS ARE ESTIMATED. ASSUMED 50% LOADS FOR RECEPTACLES/LIGHTS & 80% FOR EQUIPMENT.
2. REMOVED EXISTING LOAD AND REPLACED WITH NEW
3. REMOVED EXISTING LOAD.
4.
5.

PANEL: 13 | BUS: 225 A | DATE: 10/12/20 | VOLTAGE: 120 / 208 VOLTS, 3 PHASE, 4 WIRE

FEEDER: BUILDING C | MAIN BRKR: 225 A | MOUNTING: FLUSH

CKT NO.	CIRCUIT DESCRIPTION	CKT BKR AMPS/POLE	LOAD TYPE	LOAD VA	PHASE	LOAD VA	LOAD TYPE	CKT BKR AMPS/POLE	CIRCUIT DESCRIPTION	CKT NO.
1	EH-2	20/2	M		A		M	25/2	OU-1, IU-1 & IU-2	2
3	–	–	M		B		M	–	–	4
5	EH-3	25/2	M		C		M	20/2	OU-2, IU-3 & IU-4	6
7	–	–	M		A		M	–	–	8
9	EH-4 & EH-7	20/2	M		B		M	20/2	OU-3, IU-5 & IU-6	10
11	–	–	M		C		M	–	–	12
13	EH-1, EH-5, EH-6	20/2	M		A		L	20/1	ATTIC LIGHTS	14
15	–	–	M		B		R	20/1	ROOF TOP GFCI OUTLET	16
17	HRV-1	20/1	M		C				SPACE	18
19	SPACE				A				SPACE	20
21	SPACE				B				SPACE	22
23	SPACE				C				SPACE	24
25	SPACE				A				SPACE	26
27	SPACE				B				SPACE	28
29	SPACE				C				SPACE	30
31	SPACE				A				SPACE	32
33	SPACE				B				SPACE	34
35	SPACE				C				SPACE	36
37	SPACE				A				SPACE	38
39	SPACE				B				SPACE	40
41	SPACE				C				SPACE	42

	CONNECTED LOAD		
LOAD PER PHASE (VA)	A=	0	VA
	B=	0	VA
	C=	0	VA
LOAD PER PHASE (AMPS)	A=	0.0	A
	B=	0.0	A
	C=	0.0	A
TOTAL LOAD (KVA)		0.0	KVA
TOTAL LOAD AMPS		0.0	A

.....NOTES.....

1.
2.
3.
4.
5.

REGISTERED PROFESSIONAL ENGINEER
88445PE
OREGON
NOV. 12, 2013
JONATHAN PATRICK KILLY
RENEWAL DATE: 12/31/2020
2020.11.06 10:50:57-08'00'

R&W ENGINEERING, INC.
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REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

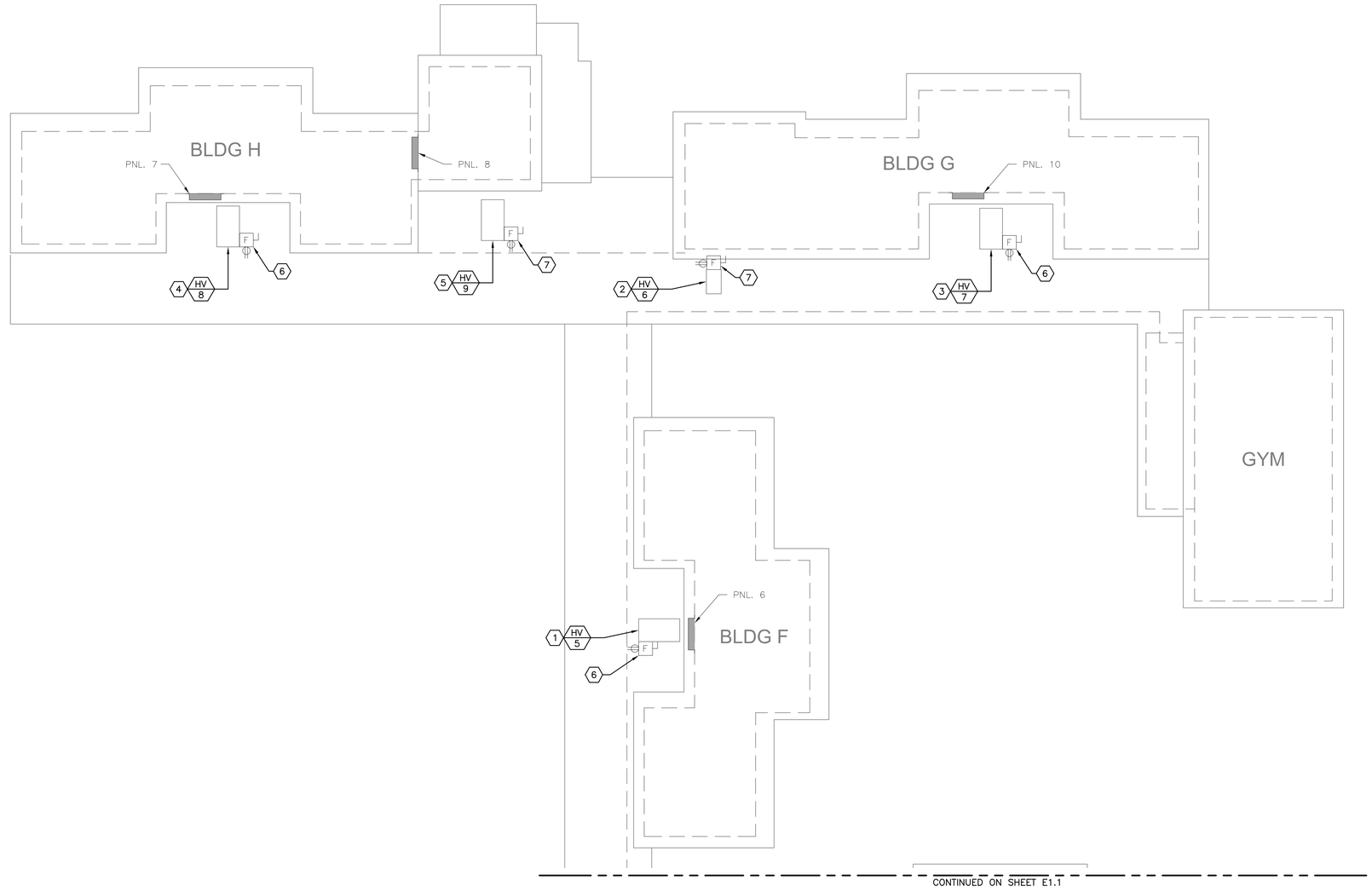
ELECTRICAL PANEL SCHEDULES

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.

E0.4

SHEET 4 OF 6



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

GENERAL NOTES

A. SEE DRAWING E0.1 FOR SYMBOL LEGEND, ABBREVIATIONS, EQUIPMENT & FEEDER SCHEDULES.

B. SEE DRAWING E0.2 FOR ONE-LINE.

C. SEE DRAWINGS E0.2-E0.4 FOR EXISTING PANEL SCHEDULES.

D. VERIFY LOCATION AND ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN. SEE HVAC EQUIPMENT CONNECTION SCHEDULE ON SHEET E0.2 FOR DISCONNECT REQUIREMENTS. PROVIDE LOCAL DISCONNECTS IF NOT ALREADY INTEGRAL TO EQUIPMENT.

E. INFORMATION SHOWN ON DRAWINGS IS BASED ON FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.

F. PATCH ALL ROOF PENETRATIONS. PATCH TO BE WATERTIGHT AND ABLE TO MAINTAIN THE RATING OF THE AREA PENETRATED.

NOTES THIS SHEET

1. EXISTING HV-5 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-5 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
2. EXISTING HV-6 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-6 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
3. EXISTING HV-7 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-7 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
4. EXISTING HV-8 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-8 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
5. EXISTING HV-9 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-9 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
6. EXISTING RECEPTACLE, MOUNTED ON SIDE OF EXISTING DISCONNECT. EXISTING DISCONNECT TO BE DEMO'ED, REPLACE PER SHEET E0.1. RE-USE AND RE-CONNECT RECEPTACLE TO EXISTING CIRCUIT.
7. EXISTING RECEPTACLE, MOUNTED ON SIDE OF EXISTING DISCONNECT. EXISTING DISCONNECT TO BE RE-USED FOR RTU, IF IN GOOD CONDITION. RE-USE AND RE-CONNECT RECEPTACLE TO EXISTING CIRCUIT.

REGISTERED PROFESSIONAL ENGINEER
88445PE
OREGON
NOV 12, 2015
JONATHAN PATRICK LILLY
RENEWAL DATE: 12/31/2020
2020.11.06 10:51:21-08'00'

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E-mail: rweng@rweng.com

REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

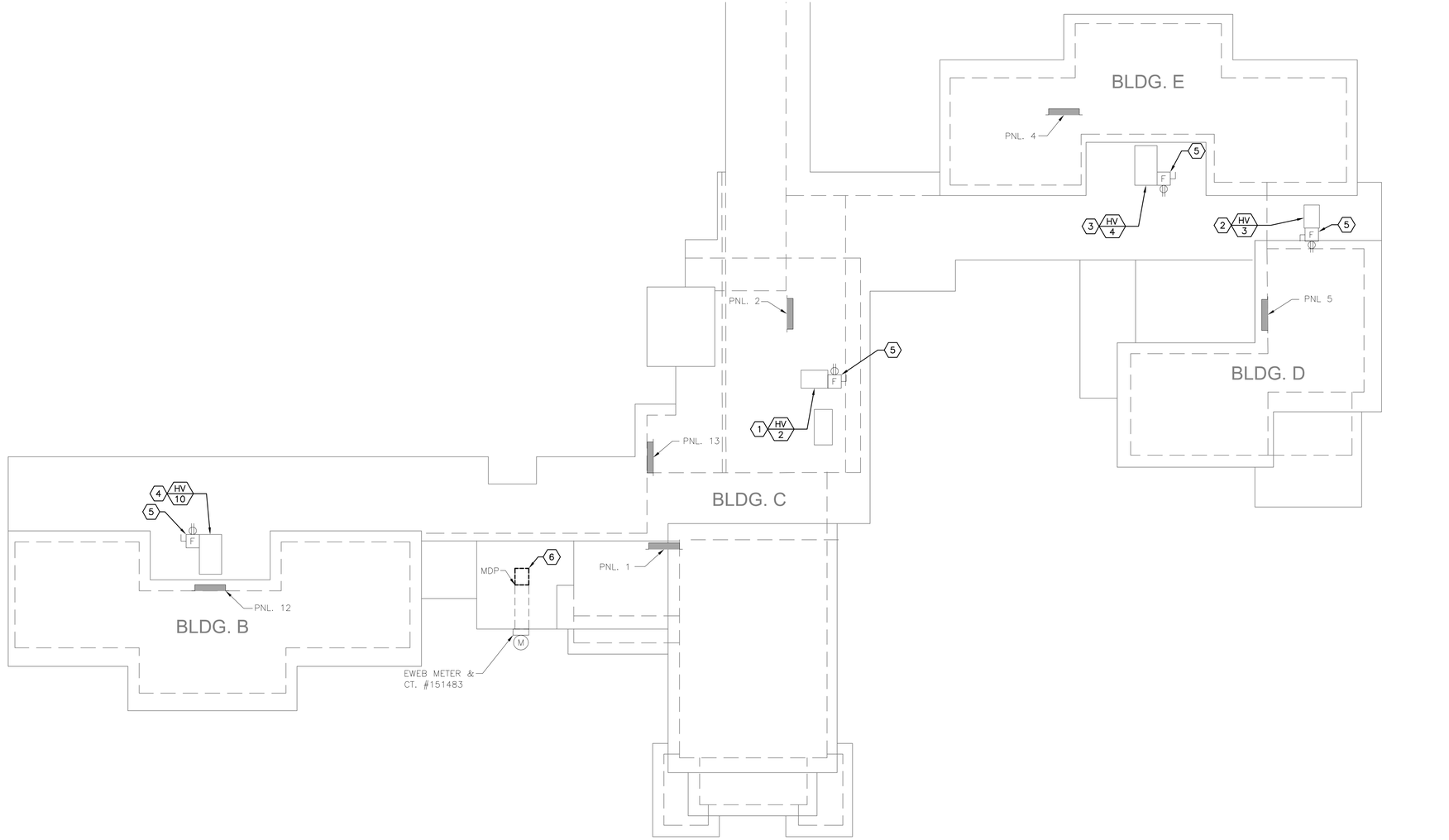
WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

ELECTRICAL PARTIAL SITE PLAN - EAST

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.
E1.0
SHEET 5 OF 6

CONTINUED FROM SHEET E1.0



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

GENERAL NOTES

A. SEE DRAWING E0.1 FOR SYMBOL LEGEND, ABBREVIATIONS, EQUIPMENT & FEEDER SCHEDULES.

B. SEE DRAWING E0.2 FOR ONE-LINE.

C. SEE DRAWINGS E0.2-E0.4 FOR EXISTING PANEL SCHEDULES.

D. VERIFY LOCATION AND ELECTRICAL REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN. SEE HVAC EQUIPMENT CONNECTION SCHEDULE ON SHEET E0.2 FOR DISCONNECT REQUIREMENTS. PROVIDE LOCAL DISCONNECTS IF NOT ALREADY INTEGRAL TO EQUIPMENT.

E. INFORMATION SHOWN ON DRAWINGS IS BASED ON FIELD OBSERVATIONS. CONTRACTOR TO FIELD VERIFY ALL EXISTING CONDITIONS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT AND ENGINEER.

F. PATCH ALL ROOF PENETRATIONS. PATCH TO BE WATERTIGHT AND ABLE TO MAINTAIN THE RATING OF THE AREA PENETRATED.

NOTES THIS SHEET

1. EXISTING HV-2 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-2 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
2. EXISTING HV-3 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-3 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
3. EXISTING HV-4 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-4 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
4. EXISTING HV-10 UNIT (ON ROOF) TO BE REMOVED. REPLACE WITH NEW RTU-10 UNIT. SEE SHEET E0.1 FOR CIRCUITING, DISCONNECT AND FEEDER INFORMATION.
5. EXISTING RECEPTACLE, MOUNTED ON SIDE OF EXISTING DISCONNECT. EXISTING DISCONNECT TO BE DEMO'ED, REPLACE PER SHEET E0.1. RE-USE AND RE-CONNECT RECEPTACLE TO EXISTING CIRCUIT.
6. NEW SECTION TO BE ADDED, SEE ONE-LINE DIAGRAM FOR MORE INFORMATION.

REGISTERED PROFESSIONAL ENGINEER
88445PE
OREGON
NOV 12, 2019
JONATHAN PATRICK LILLY
RENEWAL DATE: 12/31/2020
2020.11.06 10:51:42-08'00'

R&W ENGINEERING, INC.
"Engineering Integrated Solutions"
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E-mail: rweng@rweng.com

REV	DATE	DESCRIPTION	BY
0	11/6/2020	ISSUED FOR PERMIT	JPL

WESTMORELAND SCHOOL
HVAC UPGRADE
1717 CITY VIEW - EUGENE, OR 97402

ELECTRICAL PARTIAL SITE PLAN - WEST

DESIGNED:	HMS
DRAWN:	R&W
CONTACT:	HEIDI SPEER
PROJECT #:	1474.003.001
DATE:	10/23/20

DRAWING NO.
E1.1
SHEET 6 OF 6