

LOAD CALCULATIONS

PANEL "MDP"

EXISTING PEAK LOAD (METERED): XX KVA

** INCLUDES 0.9 PF CORRECTION
AND 1.25 DEMAND FACTOR PER
NEC 220-87 **

ADDED LOAD:

AHU-2A	28.25 KVA
AHU-2B	28.25 KVA
AHU-2C	22.43 KVA
AHU-2D	22.43 KVA
ACCU-1	106.28 KVA
RCP-2	0.83 KVA
B-3	1.46 KVA
BP-3	6.30 KVA
RECEPTACLES	0.36 KVA

TOTAL: XX KVA
XX A @ 480V/3PH

PANEL "EDP"

EXISTING PEAK LOAD (METERED): XX KVA

** INCLUDES 0.9 PF CORRECTION
AND 1.25 DEMAND FACTOR PER
NEC 220-87 **

ADDED LOAD:

AHU-2A	28.25 KVA
AHU-2B	28.25 KVA
AHU-2C	22.43 KVA
AHU-2D	22.43 KVA
RCP-2	0.83 KVA
B-3	1.46 KVA
BP-3	6.30 KVA
RECEPTACLES	0.36 KVA

TOTAL: XX KVA
XX A @ 480V/3PH

PANEL "BEQH1"

EXISTING PEAK LOAD (METERED): XX KVA

** INCLUDES 0.9 PF CORRECTION
AND 1.25 DEMAND FACTOR PER
NEC 220-87 **

ADDED LOAD:

AHU-2A	28.25 KVA
AHU-2B	28.25 KVA
AHU-2C	22.43 KVA
AHU-2D	22.43 KVA
RCP-2	0.83 KVA
B-3	1.46 KVA
BP-3	6.30 KVA
RECEPTACLES	0.36 KVA

TOTAL: XX KVA
XX A @ 480V/3PH

MECHANICAL EQUIPMENT SCHEDULE

NO.	EQUIPMENT NAME	HP/KW	VOLTS	PH	AMPS	CONDUIT	WIRE	GND	CIRCUIT
AHU-2A	ROOFTOP UNIT-SUPPLY FAN #1	----	480	3	34.0 A	SEE	ONE	LINE	DIAGRAM
AHU-2B	ROOFTOP UNIT-SUPPLY FAN #2	----	480	3	34.0 A	SEE	ONE	LINE	DIAGRAM
AHU-2C	ROOFTOP UNIT-RETURN FAN #1	----	480	3	27.0 A	SEE	ONE	LINE	DIAGRAM
AHU-2D	ROOFTOP UNIT-RETURN FAN #2	----	480	3	27.0 A	SEE	ONE	LINE	DIAGRAM
ACCU-1	AIR COOLED CONDENSING UNIT	----	480	3	127.9 MCA	SEE	ONE	LINE	DIAGRAM
RCP-2	RECIRC PUMP	1/3 HP	120	1	----	SEE	ONE	LINE	DIAGRAM
B-3	GAS-FIRED BOILER	----	208	1	7.0 A	SEE	ONE	LINE	DIAGRAM
BP-3	BOILER PUMP	5.0 HP	480	3	----	SEE	ONE	LINE	DIAGRAM



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PRELIMINARY
NOT FOR
CONSTRUCTION

THIS PROJECT INCLUDES THE INTERIOR REMODEL OF AN EXISTING
CRITICAL ACCESS HOSPITAL FACILITY THAT IS TO REMAIN
OPERATIONAL AT ALL TIMES. CONTRACTOR BIDS SHALL BE BASED
ON VERIFICATION OF EXISTING ONSITE CONDITIONS,
UNINTERRUPTED ESSENTIAL HEALTHCARE SERVICES DURING THE
CONSTRUCTION PERIOD, ONGOING COORDINATION OF ALL RELATED
TRADES FOR CURRENT CODE COMPLIANCE, PATIENT SAFETY,
JURISDICTIONAL REVIEW, SYSTEM PERFORMANCE AND UNFORESEEN
CLINICAL DISRUPTION(S).

INTERIOR REMODEL/ADDITION FOR:

SKYLINE
HOSPITAL
CRITICAL ACCESS HOSPITAL
MODERNIZATION
CRS TO BE DETERMINED
211 SKYLINE DRIVE
WHITE SALMON, WASHINGTON 98672

PROJECT NUMBER: 18002b
DATE: 10/31/2018
DRAWN: CW
REVISIONS:

NOT FOR CONSTRUCTION

ELECTRICAL
LOAD SUMMARY
AND SCHEDULES

E5.0

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