OWNER EQUIPMENT SCHEDULE

KEY	DESCRIPTION	CHARACTERISTICS HP	KVA	FLA	VOLTAGE	PH	FEEDER	PANEL	LOCAL SWITCH	LOCAL FUSE	SCHEDULE NOTES
E1	COFFEE MAKER	--	1.800	15.0	120	1	02a	NL2-3	CORD AND PLUG	NEMA 5-20R	
E2	GARBAGE DISPOSAL	3/4	1.656	13.8	120	1	02a	NL2-3	CORD AND PLUG	NEMA 5-20R	
E3	MICROWAVE	--	1.200	10.0	120	1	02a	NLE-3	CORD AND PLUG	NEMA 5-20R	
E4	INSTA-HOT	--	0.750	6.3	120	1	02a	NL2-3	CORD AND PLUG	NEMA 5-20R	
E5	REFRIGERATOR	--	0.600	5.0	120	1	02a	NL2-3	CORD AND PLUG	NEMA 5-20R	
E6	BLANKET/SOLUTIONS WARMING CABINET	--	1.800	15.0	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1
E7	ICE MACHINE	--	1.500	12.5	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1
E8	PYXIS	--	0.750	6.3	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1,2
E9	CRASH CART	--	0.500	4.2	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1
E10	STERILIZER	--	3.567	9.9	208/120	3	03	CL2-3	30A3P	30.0A FRN-R	1
E11	SCOPE CLEANING EQUIPMENT CART	--	0.750	6.3	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1
E12	FILM ILLUMINATOR/ FLAT PANEL MONITOR	--	0.600	5.0	120	1	02a	VARIES	CORD AND PLUG	NEMA 5-20R	1,2
E13	C-ARM	--	2.080	10.0	208	1	02a	VARIES	CORD AND PLUG	NEMA 6-20R	1
E14	SURGICAL BED	--	0.500	4.2	120	1	02a	VARIES	CORD AND PLUG	NEMA 5-20R	1
E15	EQUIPMENT BOOM	--			120	1	02b	VARIES	J-BOX	--	1,2,3,4,5
E16	SINGLE LED SURGICAL LIGHT BOOM WITH MONITOR	--			120	1	02b	VARIES	J-BOX	--	1,2,3,4,7
E17	LIGHT CONTROLLER	--	0.240	2.0	120	1	02a	VARIES	J-BOX	--	1,2,4
E18	AV RACK	--	0.200	1.7	120	1	02a	VARIES	CORD AND PLUG	NEMA 5-20R	1,2,4
E19	OBSERVATION CAMERA	--	0.500	4.2	120	1	02a	VARIES	CORD AND PLUG	NEMA 5-20R	1,2,4
E20	MEDS REFRIGERATOR	--	0.300	2.5	120	1	02a	CL2-3	CORD AND PLUG	NEMA 5-20R	1
E21	DOUBLE LED SURGICAL LIGHT BOOM WITH MONITOR	--			120	1	02b	VARIES	J-BOX	--	1,2,3,4,7
E22	EQUIPMENT BOOM	--			120	1	02b	VARIES	J-BOX	--	1,2,3,4,6

GENERAL NOTES:

A. ELECTRICAL INFORMATION WAS OBTAINED FROM STERIS' EQUIPMENT BOOK AND OWNER-FURNISHED CUTSHEETS. VERIFY THE ABOVE SCHEDULED INFORMATION WITH OWNER. NOTIFY ENGINEER OF ANY DEVIATIONS FROM THE ABOVE SCHEDULED INFORMATION PRIOR TO ROUGH-IN.
B. CONFIRM RECEPTACLE NEMA CONFIGURATION WITH OWNER AND EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.

SCHEDULE NOTES:

1. UNIT CONNECTED TO EMERGENCY POWER.
2. TELE/DATA PORT REQUIRED.
3. JUNCTION BOX FOR BOOM SHALL BE MOUNTED WITHIN 18" OF HUB CENTER. GROUND WIRE SHALL BE #10 MIN.
4. COORDINATE POWER REQUIREMENTS WITH STERIS.
5. ITEM REQUIRES FOUR DEDICATED CIRCUITS, ONE CIRCUIT FOR BRAKES. REFER TO PLAN.
6. ITEM REQUIRES SEVEN DEDICATED CIRCUITS, ONE CIRCUIT FOR BRAKES. REFER TO PLAN.
7. ITEM REQUIRES TWO DEDICATED CIRCUITS, ONE CIRCUIT FOR MONITOR. REFER TO PLAN.

EQUIPMENT SCHEDULE

KEY	DESCRIPTION	CHARACTERISTICS HP	KVA	FLA	VOLTAGE	PH	FEEDER	PANEL	LOCAL SWITCH	LOCAL FUSE	SCHEDULE NOTES
P-1	PUMP	1.5	2.494	3.0	460	3	02n	EHP-1	30A3P	4.5A FRS-R	1
P-2	PUMP	1.5	2.494	3.0	460	3	02n	EHP-1	30A3P	4.5A FRS-R	1
P-3	PUMP	3	3.991	4.8	460	3	02n	EHP-1	30A3P	7.5A FRS-R	1
RTU-1-S	ROOF TOP UNIT (SUPPLY FAN)	20.0	22.447	27.0	460	3	05n	EHP-1	60A3P NEMA 3R	45A FRS-R	1
RTU-1-E	ROOF TOP UNIT (EXHAUST FAN)	7.5	9.145	11.0	460	3	02n	EHP-1	30A3P NEMA 3R	17.5A FRS-R	1
DDC	DDC CONTROL PANEL	--	0.500	4.2	120	1	02a	ELP-1	--	--	--
H-X	HUMIDIFIER CONTROLPOWER	--	0.050	0.4	120	1	02a	ELP-1	--	--	--
VAV-X-X	VAV BOX CONTROL POWER	--	0.050	0.4	120	1	02a	ELP-1	--	--	--
AAP-1	MED GAS AREA ALARM PANEL	--	0.500	4.2	120	1	02a	CL2-3	--	--	--

GENERAL NOTES:

A. VERIFY THE ABOVE SCHEDULED INFORMATION WITH DIVISION 15 CONTRACTOR AND SUBMITTALS. NOTIFY ENGINEER OF ANY DEVIATIONS FROM THE ABOVE SCHEDULED INFORMATION PRIOR TO ROUGH-IN. COORDINATE LOCATIONS OF POINTS OF CONNECTION WITH DIVISION 15 PRIOR TO ROUGH-IN.

B.

SCHEDULE NOTES (NOTES LISTED BELOW MAY OR MAY NOT BE USED ON THIS SET OF ELECTRICAL DRAWINGS):

1. VSD SUPPLIED BY DIVISION 15 AND INSTALLED BY DIVISION 16. COORDINATE LOCATION WITH DIVISION 15.

MECHANICAL AND ELECTRICAL COORDINATION SCHEDULE

KEY	1 SM IN UNIT BY ES	2 SMTO WITH PL BY EC	3 FUSED DISC SW BY EC	4 FUSED DISC SW BY ES	5 NON-FUSED DISC SW BY EC	6 NON-FUSED DISC SW BY ES	7 CORD/PLUG BY ES	8 CMS WITH L-O-A PL IN COVER BY EC	9 CMS WITH L-O-A PL IN COVER BY ES	10 RECEPTACLE BY EC	11 MS WITH PB, PL IN COVER BY EC	12 MS WITH REMOTE H-O-A PL IN COVER BY EC	13 MS WITH PB, PL IN COVER BY ES	14 MS WITH REMOTE PB, PL BY EC	15 MS WITH H-O-A, PL IN COVER BY EC	16 MS WITH PB, PL BY EC	17 MS WITH H-O-A, PL IN MCC BY EC	18 CP WITH ALL STARTING EQUIPMENT BY ES	19 VFD WITH ALL STARTING EQUIPMENT BY ES	20 CONTROL WIRING BY MC	21 CONTROL WIRING BY EC	22 CONNECTED TO BACK-UP POWER SYSTEM	23 CONTROLLED BY HUMIDISTAT BY EC	24 CONTROLLED BY HUMIDISTAT BY ES	25 REMARKS
P-1			3							10									19		21				
P-2			3							10									19		21				
P-3			3							10									19		21				
H-1	1																		19		21				
H-2	1																		19		21				
H-3	1																		19		21				
H-4	1																		19		21				
H-5	1																		19		21				
H-6	1																		19		21				
RTU-1S			3															18	19		21				
RTU-1R			3															18	19		21				
VAV-1-1	1																		19		21				
VAV-2-1	1																		19		21				
VAV-3-1	1																		19		21				
VAV-4-1	1																		19		21				
VAV-5-1	1																		19		21				
VAV-6-1	1																		19		21				

ABBREVIATIONS

CMS	COMBINATION MOTOR STARTER AND DISCONNECT	H-O-A	HAND-OFF-AUTO SELECTOR SWITCH	PL	PILOT LIGHT(S)
CP	CONTROL PANEL	MC	MECHANICAL CONTRACTOR	SM	MANUAL MOTOR STARTER
DISC SW	DISCONNECT SWITCH	MCC	MOTOR CONTROL CENTER	SMTO	MANUAL MOTOR STARTER WITH THERMAL OVERLOADS
EC	ELECTRICAL CONTRACTOR	MS	MAGNETIC MOTOR STARTER	TCC	TEMPERATURE CONTROL CONTRACTOR
ES	EQUIPMENT SUPPLIER	PB	PUSHBUTTON STATION FOR START-STOP	VFD	VARIABLE FREQUENCY DRIVE

NOTE: WHERE REQUIRED THE EQUIPMENT SHALL BE WEATHER PROOF.

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	LAMPS NO.	LAMPS TYPE	VOLTS	NOTES	MANUFACTURER & CATALOG NO.	INPUT WATTS
	FLANGED FLUORESCENT FIXTURES						
FA	2'x4' (3 LAMP) FLANGED WITH 0.125 PRISMATIC LENS, GASKETED	3	F32T8	UNIV		METALUX #2FC8-332A125-UNV-EB81-U LITHONIA #2SPB8-F-332-A12125-MVOLT-GEB10IS COLUMBIA #ST824-332F-FSA12125-EU	96
	GRID LAY-IN FLUORESCENT FIXTURES						
GB	2'x4' (3 LAMP) GRID LAY-IN WITH 0.125 PRISMATIC LENS	3	F32T8	UNIV		METALUX #2GC8-332A125-UNV-EB81-U LITHONIA #2SP8-G-332-A12125-MVOLT-GEB10IS COLUMBIA #ST824-332G-FSA12125-EU	96
GC	2'x4' (2 LAMP) GRID LAY-IN DIRECT/INDIRECT WITH ROUND PERFORATED LAMP SHIELD, PROVIDE W/ TWO BALLASTS WHERE DUAL SWITCHING INDICATED	2	F32T8	UNIV	3	METALUX #2RDI-232RP-UNV-EB82-U LITHONIA #2AVV-G-232-MDR-MVOLT-(2)GEB10IS COLUMBIA #STR-24-232-G-MPO-(2)EB8-UNV-	64
GG	2'x2' (2 LAMP) GRID LAY-IN WITH 0.125 PRISMATIC LENS	2	F32U6T8	UNIV		METALUX #2GC8-2U6T8A125-UNV-EB81-U LITHONIA #2SP8-G-2U316-A12125-MVOLT-GEB10IS COLUMBIA #ST822-232U6G-FSA12125-EU	65
GJ	2'x2' (2 LAMP) GRID LAY-IN DIRECT/INDIRECT WITH ROUND PERFORATED LAMP SHIELD	2	40W TT5	UNIV		METALUX #2RDI-2BX40RP-UNV-EB82-U LITHONIA #2AVV-G-2CF40-MDR-MVOLT-(2)GEB10IS COLUMBIA #STR-22-240TT-G-MPO-(2)EB8-UNV-	80
	MEDICAL FIXTURES						
MA	2'X4' (6 LAMP) FLANGED SURGICAL TROFFER, ALUMINUM HOUSING, SYM/ASSYM DISTRIBUTION, 0.156 LENS, THREE 2 LAMP BALLASTS	6	F32T8	277	2	HEALTHCARE LIGHTING #MOR-F-632-UNV-EB83 ALKCO #ST8240-3/F/277/3BALLASTS VISTA #AG3724-6-HD-(3)TB6L-UNV-A-THD	192
MD	MULTI-FUNCTION PATIENT CEILING LIGHT: EXAM, AMBIENT, READING W/LV CONTROL OF AMBIENT AND READING LTS THROUGH PILLOW SPEAKER.	6	40W TT5	277	1	FAIL-SAFE #MPR-G-640BX-UNV-EBX3 ALKCO MULTI-MED #ME640/277/LG/LVC VISTA #AG5224-G-40BX-277V-PSX	240
	COMPACT FLUORESCENT DOWNLIGHT FIXTURES						
PA	6" RECESSED DIMMABLE DOWNLIGHT WITH LOW IRIDESCENT ALZAK REFLECTOR, VERTICAL LAMP, MEDIUM BEAM	1	32W TTT 4 PIN	UNIV	4	PORTFOLIO #C6042-2D32-6000-LI GOTHAM #AFV-32TRT-6-AR-LD-MVOLT-ADEZ PRESCOLITE #CFT632EBDM-STF602-SS	32
PH	7" RECESSED DOWNLIGHT WITH LOW IRIDESCENT CLEAR REFLECTOR, CLEAR LENS HORIZONTAL LAMP, WIDE BEAM	1	32W TTT 4 PIN	UNIV		PORTFOLIO #C7142E-7380-LI-3 GOTHAM #AF-1/32TRT-8AR-CGL-MVOLT-WLP PRESCOLITE #LF8CFH132EB-8CFH1CL-B24	32
	UNDERCABINET FIXTURES						
UA	3' SURFACE MOUNTED UNDERCABINET FIXTURE LIGHT, RIBBED ACRYLIC DIFFUSER, WHITE FINISH	1	F25T8	277		METALUX #CL-1-25-277-EB81 LITHONIA #2UC-25-MVOLT-GEB10IS COLUMBIA #UC-36-1-25-EB8-277	25
	EXIT LIGHT FIXTURES						
	EXIT SIGN, SINGLE FACE, RED LETTERS ON WHITE BACKGROUND, DAMP LOCATION LISTED, UNIVERSAL MOUNT	INCL	LED	120/277		SURE-LITES #CX-6-1-R-W LITHONIA #LQM-S-W-1-R-120/277 DUAL-LITE #LX-U-R-W	5
	EXIT SIGN, DOUBLE FACE, RED LETTERS ON WHITE BACKGROUND, DAMP LOCATION LISTED, UNIVERSAL MOUNT	INCL	LED	120/277		SURE-LITES #CX-6-2-R-W LITHONIA #LQM-S-W-3-R-120/277 DUAL-LITE #LX-U-R-W	5

GENERAL NOTES:
A. LUMINAIRE SCHEDULE CONTAINS PARTIAL INFORMATION REGARDING LUMINAIRES. REFER TO SPECIFICATIONS FOR INFORMATION REGARDING FLUORESCENT STANDARD, EMERGENCY AND DIMMING BALLASTS AND OTHER LAMP, BALLAST AND LUMINAIRE REQUIREMENTS.
B. REFER TO SPECIFICATIONS FOR ACCEPTABLE ALTERNATE MANUFACTURERS.
C. AS STATED IN SPECIFICATIONS, COMPLETE LIGHTING SUBMITTALS ARE REQUIRED, INCLUDING FIXTURE MODEL NUMBER AND ACCESSORIES, LAMP CUTSHEET, BALLAST CUTSHEET, ETC. PARTIAL SUBMITTALS WILL NOT BE ACCEPTED.
D. LENSES ON RECESSED FLUORESCENT FIXTURES SHALL BE 0.125" VIRGIN ACRYLIC UNLESS SPECIFICALLY INDICATED OTHERWISE.
E. FLUORESCENT TROFFERS SHALL BE PAINTED AFTER FABRICATION.
F. ORIENT LUMINAIRES SUCH THAT LAMPS ARE ALL IN THE SAME DIRECTION IN A GIVEN SPACE.
G. LINEAR AND COMPACT FLUORESCENT LAMPS ON OCCUPANCY SENSOR OR DIMMING BALLAST CONTROL SHALL BE BURNED IN AT FULL LIGHT OUTPUT FOR A MINIMUM OF 12 HOURS OR OVERNIGHT PRIOR TO CONNECTION TO OCCUPANCY SENSOR OR DIMMING BALLAST CONTROLS.
H. DIRECTIONAL INDICATORS ON EXIT SIGNS SHALL BE THE CHEVRON TYPE.
I. POINT BY POINT CALCULATIONS SHALL BE INCLUDED WITH SUBMISSION OF ALL SITE LIGHTING FIXTURES.

KEYED NOTES:
1. ONE SWITCH TO CONTROL EXAM LIGHT SECTION, ONE TO CONTROL READING LIGHT SECTION, AND ONE SWITCH TO CONTROL AMBIENT LIGHT SECTION.
2. OUTBOARD BALLASTS TO BE CONTROLLED BY ONE SWITCH, INBOARD BALLAST TO BE CONTROLLED BY ONE SWITCH.
3. ONE BALLAST TO SWITCH INBOARD LAMPS(S), ONE BALLAST TO SWITCH OUTBOARD LAMPS.
4. WITH DIMMING BALLAST. REFER TO SPECIFICATIONS. PROVIDE DIMMING BALLAST COMPATIBLE WITH LAMP. FURNISH AND INSTALL UNSWITCHED HOT LEG TO EACH DIMMING BALLAST AS REQUIRED BY DIMMING BALLAST MANUFACTURER.

FEEDER SCHEDULE

NUMBER	CONDUCTORS (THHN) -- COPPER	CONDUIT	CONDUIT W/O NEUTRAL
02	4 #12, 1 #12G.	3/4"	3/4"
02a	2 #12, 1 #12G.	3/4"	3/4"
02b	2 #12, 1 #10G.	3/4"	3/4"
03	3 #10, 1 #10G.	3/4"	3/4"
05	4 #6, 1 #10G.	1-1/4"	1"

* WHERE THE FEEDER SYMBOL IS SHOWN WITH A SUBSCRIPT "N" (SUCH AS 02N), THE NEUTRAL CONDUCTOR SHALL BE DELETED FROM THE CONDUCTORS SHOWN IN THE FEEDER SCHEDULE.

FULLY SPRINKLERED

Revisions: Date

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0830400

Drawing Title: ELECTRICAL SCHEDULES

Approved: Project Director

Project Title: SURGERY RENOVATION AND EXPANSION

Location: CHEYENNE, WY

Date: 04/24/09 | Checked: JLS | Drawn: JLS

Project Number: VA-259-09-RA-209

Building Number: BLDG. NO. 1

Drawing Number: ES602

Dwg. 42 of 44

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231