3 TRANSFER SWITCH SCHEDULE

DESIGNATION	TYPE: AUTOMATIC	TYPE: BYPASS ISO.	TYPE: CTTS	TYPE: MANUAL	VOLTAGE	SWITCHED POLES	AMPS	WITHSTAND RATING (AMPS)	FEATURES: EXISTING	FEATURES: PRIORITY NO.	FEATURES: GROUND BUS	FEATURES: MOTOR LOAD	FEATURES: 100% NEUTRAL	FEATURES: 200% NEUTRAL	FEATURES: SOLID NEUTRAL	LOCATION	REMARKS
BS-ATSC-01	X	X			480	4	400	65K		1	X					BASEMENT	
BS-ATSC-02	X	X			480	4	400	65K		1	X					BASEMENT	
CS-ATSC-01	X	X			480	4	400	65K		1	X					BASEMENT	
CS-ATSC-02	X	X			480	4	400	65K		1	X					BASEMENT	
DS-ATSC-03	X	X			208	4	400	65K		1	X					SUB-BASEMENT	

2 PANELBOARD SCHEDULE

PANELBOARD	FEEDER NUMBER	VOLTAGE: 480Y 3PH 3W	VOLTAGE: 480Y 3PH 4W	VOLTAGE: 208Y 3PH 3W	VOLTAGE: 208Y 3PH 4W	VOLTAGE: 240Y 1PH 3W	RATINGS*: BUS AMPS	RATINGS*: AIC RATING (K=1000)	MAINS: MLO	MAIN DEVICE: TYPE	MAIN DEVICE: FRAME	MAIN DEVICE: TRIP	SFL	BRANCH DEVICES: TYPE	BRANCH DEVICES: FRAME	BRANCH DEVICES: TRIP	BRANCH DEVICES: POLES	BRANCH DEVICES: ACTIVE	BRANCH DEVICES: SPARE	BRANCH DEVICES: TOTAL DEVICES	BRANCH DEVICES: TOTAL SPACES	BRANCH DEVICES: TOTAL POLES	FEATURES: MOUNTING	FEATURES: EPMS SYSTEM	FEATURES: DBL. SECTION	FEATURES: FTL	FEATURES: 200% NEUTRAL	FEATURES: ISO. GND. BUS	FEATURES: ELECTRONIC
2CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
2CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
4CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
4CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
5CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
6CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
6CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
7CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
7CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
8CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
8CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
9CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
9CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
10CL-B					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
10CL-C					X		225	10K	X						100	20	1	42	–	42	–	42	F			X			
BSPCL1					X		600	42K		S	600	600			225	225	3	4	2	6	–	42	S						
															100	100	3	1	–	1	–								
BSPCL2					X		600	42K		S	600	600			225	225	3	4	2	6	–	42	S						
															100	100	3	1	–	1	–								
CSPCL1					X		600	42K		S	600	600			225	225	3	6	2	8	–	42	S						
CSPCL2					X		600	42K		S	600	600			225	225	3	4	2	6	–	42	S						
															100	25	3	2	–	2	–								
															100	15	3	1	–	1	–								
DSPCL3					X		400	42K	X						225	225	3	2	2	4	–	42	S						
BSPNH1		X					1200	65K		S	1200	1200	S	100	100	3	1	–	1	–	42	S						
													S	225	200	3	1	–	1	–								
													S	400	300	3	8	2	10	–								
													S	400	400	3	1	–	1	–								

DEVICE TYPE –
STANDARD THERMAL MAGNETIC BREAKER UNLESS OTHERWISE NOTED

C – CURRENT LIMITING BREAKER
F – SWITCH AND FUSE
P – CURRENT LIMITING FUSE
R – 100% RATED
S – SOLID STATE BREAKER

* – SERIES AIC RATINGS ARE NOT ACCEPTABLE

TRIP –
NON-INTERCHANGEABLE FOR THERMAL MAGNETIC BREAKER, UNLESS OTHERWISE NOTED

A – ARC FAULT CIRCUIT INTERRUPTING
C – INTERCHANGEABLE
G – GROUND FAULT INTERRUPTING
S – WITH SHUNT TRIP

MOUNTING –
S – SURFACE, F – FLUSH

4 EQUIPMENT CONNECTION / MOTOR CONTROLLER SCHEDULE

EQUIPMENT DESIGNATION	EQUIPMENT/MOTOR DATA: DESCRIPTION	EQUIPMENT/MOTOR DATA: HP	EQUIPMENT/MOTOR DATA: VOLTAGE: NORMAL PWR.	EQUIPMENT/MOTOR DATA: VOLTAGE: EMERG. PWR.	EQUIPMENT/MOTOR DATA: VOLTAGE: 480v, 3ø	EQUIPMENT/MOTOR DATA: VOLTAGE: 208v, 3ø	EQUIPMENT/MOTOR DATA: VOLTAGE: 208v, 1ø	EQUIPMENT/MOTOR DATA: VOLTAGE: 120v, 1ø	CONTROLLER DATA: MTG.: PACKAGED	CONTROLLER DATA: MTG.: SEPARATE	CONTROLLER DATA: M.C.C.	CONTROLLER DATA: TYPE	CONTROLLER DATA: NEMA SIZE	CONTROLLER DATA: OCPD.: MCP	CONTROLLER DATA: OCPD.: FUSE	CONTROLLER DATA: OCPD.: RATING	CONTROLLER DATA: SINGLE PHASE PROTECTION	CONTROLLER DATA: NEMA ENCL.	CONTROLLER DATA: LOCATION	LOCAL DISCONNECT DATA: BY OTHERS	LOCAL DISCONNECT DATA: BY DIV. 26	LOCAL DISCONNECT DATA: RATING	LOCAL DISCONNECT DATA: NEMA ENCL.	LOCAL DISCONNECT DATA: LOCATION	SOURCE PROTECTIVE DEVICE: TYPE: MCP*	SOURCE PROTECTIVE DEVICE: TYPE: FUSE	SOURCE PROTECTIVE DEVICE: TYPE: BREAKER	SOURCE PROTECTIVE DEVICE: POLE AMPS	SOURCE PROTECTIVE DEVICE: PNBD OR MCC	FEEDER: PHASE: QUANTITY	FEEDER: PHASE: SIZE	FEEDER: NEUTRAL: QUANTITY	FEEDER: NEUTRAL: SIZE	FEEDER: GROUND: QUANTITY	FEEDER: GROUND: SIZE	FEEDER: CONDUIT: QUANTITY	FEEDER: CONDUIT: SIZE	REMARKS / SPECIFIC NOTES: CONNECTION TYPE
AHU-1	AHU-BB-1			X		X			NA												X	15A	1	AT UNIT			X	15	CSPCL2	3	12			1	12	1	3/4	DC
ACCU-1A	ACCU-BB-1			X		X			NA												X	25A	3R	AT UNIT			X	25	CSPCL2	3	12			1	12	1	3/4	DC
ACCU-1B	ACCU-BB-1			X		X			NA												X	25A	3R	AT UNIT			X	25	CSPCL2	3	12			1	12	1	3/4	DC

TYPE:
AL ACROSS THE LINE H-O-A
ALC ACROSS THE LINE COMBINATION DISCONNECT H-O-A
ALO ACROSS THE LINE COMBINATION DISCONNECT O-A
RV REDUCED VOLTAGE
RVC REDUCED VOLTAGE COMBINATION DISCONNECT
2S TWO SPEED
VFD VARIABLE FREQUENCY DRIVE
TS FRACTIONAL HP MANUAL STARTER

NOTE:
MINIMUM MOTOR CIRCUIT PROTECTOR (MCP) FRAME SIZE SHALL BE BASED ON LISTED POLE AMPS

SPECIFIC NOTES:

1. LOAD UNCONFIRMED AT TIME OF DESIGN
2. CIRCUIT TO PANELBOARD INDICATED ON SCHEDULE THROUGH LOCAL SEPARATELY ENCLOSED FLUSH CIRCUIT BREAKER
3. CIRCUIT THROUGH SHUNT TRIP BREAKER

GENERAL NOTES:

A. FINAL CONNECTIONS TO ALL EQUIPMENT SHALL BE MADE BY DEVISION 16. INTERCONNECT ALL ASSOCIATED EQUIPMENT ELECTRICAL DEVICES.
B. VERIFY ALL RECEPTACLE TYPES AND BRANCH WIRING WITH EQUIPMENT SUPPLIER FOR COORDINATION OF EQUIPMENT PLUGS AND WIRING PRIOR TO INSTALLATION.

CONNECTION TYPE:

CP CONTROL PANEL – MAKE DIRECT CONNECTION
DR STANDARD NEMA 5-20R DUPLEX RECEPTACLE
JB JUNCTION BOX
DC DIRECT CONN. TO EQUIP. OR PROVIDE RECEPTACLE TO MATCH EQUIPMENT PLUG
RC RECEPTACLE TO MATCH EQUIPMENT

1 TRANSFORMER SCHEDULE

TRANSFORMER DESIGNATION	TYPE: MINERAL OIL	TYPE: SILICONE	TYPE: R. TEMP	TYPE: STAND ALONE	TYPE: INTEGRAL LOSS	TYPE: GENERAL DUTY DRY	TYPE: NON-SINUSOIDAL DRY	TYPE: HARMONIC SUPP. (HS)	TYPE: HARMONIC COND. (HC)	TYPE: HFT	TYPE: ISOLATION DRY	LOAD	PHASE	PRIMARY VOLTAGE	SECONDARY VOLTAGE	K RATING	0° OR 30° SHIFT	KVA (OUTSIDE AIR)	KVA (FORCED AIR)	FA PROVISIONS	MOUNTING: EXTERIOR OAD	MOUNTING: FLOOR	MOUNTING: WALL	MOUNTING: TRAPEZE	LOCATION
BS-T-01						X						BSPCL1	3	480Δ	208Y	1	–	150	–			X			
BS-T-02						X						BSPCL2	3	480Δ	208Y	1	–	150	–			X			
CS-T-01						X						CSPCL1	3	480Δ	208Y	1	–	150	–			X			
CS-T-02						X						CSPCL2	3	480Δ	208Y	1	–	150	–			X			

Revisions	Date
CONSTRUCTION DOCUMENTS	09/14/12

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stamp

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

MEDICAL CENTER DIRECTOR DATE

ASSOCIATE MEDICAL CENTER DIRECTOR DATE

Drawing Title: SCHEDULES

Project Title: CRITICAL ELECTRICAL SYSTEM EXPANSION – WINGS B AND C

Building Number: BLDG. #1
Checked: TF
Drawn: MO

Location: V.A.M.C. BUFFALO, NEW YORK

Date: September 14, 2012

Station No.: 528-P-0168

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Office of Facilities
Department of Veterans Affairs