DIRECTORY	LOAD (AMPS) A	B	C	WIRE SIZE	BRKR AMPS	CKT NO	CKT NO	BRKR AMPS	WIRE SIZE	LOAD (AMPS) A	B	C	DIRECTORY
PANEL AC1	53			2	100	1	2	100	2	66			PANEL HS
–		60		2	–	3	4	–	2		62		–
–			42	2	–	5	6	–	2			49	–
PANEL H	46			2	100	7	8	125	1	86			CHILLER 1
–		38		2	–	9	10	–	1		86		–
–			30	2	–	11	12	–	1			86	–
XFMR T2	94			4	70	13	14	100	2	79			PANEL AC2
45 KVA		90		4	–	15	16	–	2		64		–
–			88	4	–	17	18	–	2			79	–
EDH–1	30			8	40	19	20	40	8	29			WH–1
25KW		30		8	–	21	22	–	8		29		24KW
–			30	8	–	23	24	–	8			29	–
XFMR T3	119			1	125	25	26	–	–	–			SPACE
75 KVA		114		1	–	27	28	–	–		–		SPACE
–			95	1	–	29	30	–	–			–	SPACE
SPACE	–			–	–	31	32	–	–	–			SPACE
SPACE		–		–	–	33	34	–	–		–		SPACE
SPACE			–	–	–	35	36	–	–			–	SPACE
SPACE	–			–	–	37	38	–	–	–			SPACE
SPACE		–		–	–	39	40	–	–		–		SPACE
SPACE			–	–	–	41	42	–	–			–	SPACE
SUB–TOTAL	342	332	285							260	241	243	SUB–TOTAL

N

VOLTAGE: 277/480 3PH, 4W, SN	MAIN BUS: 600A	TOTAL CONN AMPS, A	602
MAIN BREAKER: MLO	AIC: 14,000	TOTAL CONN AMPS, B	573
MOUNTING: SURFACE NEMA–1		TOTAL CONN AMPS, C	528
NOTE: WITH GROUND BUS, TVSS 160kA –			

PANEL NO. MDP

LOC. 113

DIRECTORY	LOAD (AMPS) A	B	C	WIRE SIZE	BRKR AMPS	CKT NO	CKT NO	BRKR AMPS	WIRE SIZE	LOAD (AMPS) A	B	C	DIRECTORY
FLOOR 1 LIGHTS	8			12	20	1	2	20	12	3			ENTRY LIGHTS
FLOOR 1 LIGHTS		11		12	20	3	4	20	12		13		BUILDING LIGHTS
FLOOR 1 LIGHTS			10	12	20	5	6	20	12			9	POLE LIGHTS
MAINTENANCE AREA LIGHTS	11			12	20	7	8	20	12	9			POLE LIGHTS
STAIR/LOBBY/CORR LTS		5		12	20	9	10	20	12		9		POLE LIGHTS
CORRIDOR LIGHTS			2	–	20	11	12	20	12			9	FLOOR 2 LIGHTS
LTG CONTACTOR XFMR	1			–	20	13	14	20	12	15			FLOOR 2 LIGHTS
SPARE		–		–	20	15	16	20	–		–		SPARE
SPACE			–	–	–	17	18	20	–			–	SPARE
SPACE	–			–	–	19	20	–	–	–			SPACE
SPACE		–		–	–	21	22	–	–		–		SPACE
SPACE			–	–	–	23	24	–	–			–	SPACE
SUB–TOTAL	19	16	12							27	22	18	SUB–TOTAL

N

VOLTAGE: 277/480 3PH, 4W, SN	MAIN BUS: 100A	TOTAL CONN AMPS, A	47
MAIN BREAKER: MLO	AIC: 14,000	TOTAL CONN AMPS, B	38
MOUNTING: SURFACE NEMA–1		TOTAL CONN AMPS, C	30
NOTE: WITH GROUND BUS			

PANEL NO. H

LOC. 113

DIRECTORY	LOAD (AMPS) A	B	C	WIRE SIZE	BRKR AMPS	CKT NO	CKT NO	BRKR AMPS	WIRE SIZE	LOAD (AMPS) A	B	C	DIRECTORY
VFD P–1	3			12	20	1	2	20	12	3			AHU–1
–		3		12	–	3	4	–	12		3		–
–			3	12	–	5	6	–	12			3	–
VFD P–2	3			12	20	7	8	20	12	8			OVERHEAD DOORS 1,2,3
–		3		12	–	9	10	–	12		8		–
–			3	12	–	11	12	–	12			8	–
AIR COMPRESSOR	10			10	20	13	14	20	12	11			VAV 1–1
–		10		10	–	15	16	30	10		18		VAV 1–2
–			10	10	–	17	18	20	–			–	SPARE
OVERHEAD DOORS 4,5,6	8			12	20	19	20	–	–	–			–
–		8		12	–	21	22	–	–		–		–
–			8	12	–	23	24	–	–			–	–
SPACE	–			–	–	25	26	–	–	–			SPACE
SPACE		–		–	–	27	28	–	–		–		SPACE
SPACE			–	–	–	29	30	–	–			–	SPACE
SPACE	–			–	–	31	32	–	–	–			SPACE
SPACE		–		–	–	33	34	–	–		–		SPACE
SPACE			–	–	–	35	36	–	–			–	SPACE
SPACE	–			–	–	37	38	–	–	–			SPACE
SPACE		–		–	–	39	40	–	–		–		SPACE
SPACE			–	–	–	41	42	–	–			–	SPACE
SUB–TOTAL	24	24	24							29	36	18	SUB–TOTAL

N

VOLTAGE: 277/480 3PH, 4W, SN	MAIN BUS: 100A	TOTAL CONN AMPS, A	47
MAIN BREAKER: MLO	AIC: 14,000	TOTAL CONN AMPS, B	53
MOUNTING: SURFACE NEMA–1		TOTAL CONN AMPS, C	35
NOTE: WITH GROUND BUS			

PANEL NO. AC1

LOC. 113

DIRECTORY	LOAD (AMPS) A	B	C	WIRE SIZE	BRKR AMPS	CKT NO	CKT NO	BRKR AMPS	WIRE SIZE	LOAD (AMPS) A	B	C	DIRECTORY
VAV 2–1	11			12	20	1	2	20	12	11			AHU–2 BLOWER
VAV 2–2		18		10	30	3	4	–	12		11		–
VAV 2–3			15	12	20	5	6	–	12			11	–
VAV 2–4A	14			12	20	7	8	20	12	9			AHU–2 HEAT
VAV 2–4B		14		12	20	9	10	–	12		9		–
SPARE			–	–	20	11	12	–	12			9	–
VAV 2–5	22			10	30	13	14	20	12	8			UNIT HEATERS 1 & 2
SPARE		–		–	20	15	16	–	12		8		–
UNIT HEATERS 3 & 4			8	12	20	17	18	–	12			8	–
–	8			12	–	19	20	20	–	–			SPARE
–		8		12	–	21	22	–	–		–		–
VAV 2–6			18	10	30	23	24	–	–			–	–
SPARE	–			–	30	25	26	–	–	–			SPACE
SPARE		–		–	20	27	28	–	–		–		SPACE
SPARE			–	–	20	29	30	–	–			–	SPACE
–	–			–	–	31	32	–	–	–			SPACE
–		–		–	–	33	34	–	–		–		SPACE
SPACE			–	–	–	35	36	–	–			–	SPACE
SPACE	–			–	–	37	38	–	–	–			SPACE
SPACE		–		–	–	39	40	–	–		–		SPACE
SPACE			–	–	–	41	42	–	–			–	SPACE
SUB–TOTAL	55	40	39							28	28	28	SUB–TOTAL

N

VOLTAGE: 277/480 3PH, 4W, SN	MAIN BUS: 100A	TOTAL CONN AMPS, A	83
MAIN BREAKER: MLO	AIC: 14,000	TOTAL CONN AMPS, B	68
MOUNTING: SURFACE NEMA–1		TOTAL CONN AMPS, C	67
NOTE: WITH GROUND BUS			

PANEL NO. AC2

LOC. 213

RECORD DRAWING
LETTER DATED
5-27-10

AS-BUILT REVISIONS

APPR	DATE	DESCRIPTION	STM
	5-27-10		

NAVFAC

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M. KIMBALL SCHLAFLY, P.E.
LA REG 27699

SEPTEMBER 4, 2009

STATE OF LOUISIANA
M. KIMBALL SCHLAFLY
REG. No. 27699
REGISTERED
PROFESSIONAL ENGINEER
IN
ELECTRICAL ENGINEERING
SEAL

DES: K. SCHLAFLY | DRW: K. SCHLAFLY
REVIEWED BY: R. WILTSE
PM/DM: T. ARTRIP
CHIEF ENG/ARCH: P. DAMMON

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND SOUTHEAST
NPT. SOUTH ATLANTIC
JOHN C. STENNIS SPACE CENTER
NAVAL AIR STATION JACKSONVILLE
MISSISSIPPI

SOF RIVERINE AND COMBATANT CRAFT OPERATIONS FACILITY

PANEL SCHEDULES

CODE ID. NO. N4412 | SIZE D
SCALE: NONE
MAXIMO NO. ######
STA. PROJ. NO. P–210
WORK ORDER NO. 510247
CONSTR. CONTR. NO. N62467–05–D–0096
NAVFAC DRAWING NO. 15026747
SHEET 100 OF 132

E1.2

DRAWFORM REVISION: 01 JAN 2009

REVDATE: FILE NAME: C:\ Schlafly ENGR 08010 SOF Riverine Drawings\Elec 5–As–builts E1.0.dwg LAYOUT NAME: E1.2 PLOTTED: Friday, May 28, 2010 – 3:02pm