



SUMP PUMP SCHEDULE													
MARK	LOCATION	FLOW RATE (GPM)	FLOW PRESS (FT-HE)	MIN PUMP EFFICIENCY (%)	IMPELLER SIZE (IN)	SUCTION SIZE (IN)	DISCHARGE SIZE (IN)	MOTOR (HP)	MOTOR SPEED (RPM)	MOTOR VOLTAGE (V)	MOTOR PHASE	VFD INCL (Y/N)	NOTES
SP-1	BOILER ROOM BLOW-DOWN PIT	200	30	85	7"	4"	3"	3	1750	480	3	N	BASIS OF DESIGN: SIMPLY VERIFY FLOW REDUCES TO 800 GPM AT NORMAL OPERATION.

REMARKS:
 1. SINGLE FLOAT CONTROL WITH ALTERNATING START OF PUMPS.
 2. PROVIDE WITH SQUARE STEEL COVER PLATE.
 3. UNIT SHALL BE RATED FOR HIGH TEMPERATURE.

CIRCULATION PUMP SCHEDULE									
MARK	TYPE	MANUFACTURER	MODEL	FLOW (GPM)	PRESS (FT-HE)	MOTOR (HP)	MOTOR VOLTAGE (VOLTS)	MOTOR PHASE	NOTES
CP-1	RH-LINE	BELL & HOWELL	FC	5.0	3 FEET	1/12	120	1	OR APPROVED EQUAL

ELECTRIC WATER HEATER SCHEDULE								
MARK	TYPE	MANUFACTURER	MODEL	CAPACITY (GALLONS)	KW	ELECT DATA	FULL LOAD CURRENT AMPS	NOTES
WH-1	TANK	A.D. SMITH	PCLB-40	30	(2)4.5	208V/1#	25	OR APPROVED EQUAL

REMARKS:
 1. 10 GALLONS PER HOUR RECOVERY
 2. P/T WATER CONNECTIONS
 3. PROVIDE THERMAL EXPANSION TANK
 4. P/T RELIEF VALVE PIPED DISCHARGE TO BUILDING EXTERIOR.
 5. ONLY ONE ELEMENT TO OPERATE AT A TIME.

PLUMBING LEGEND/SCHEDULE							
ABBREVIATION	MARK	TYPE	G.W.	H.W.	WASTE	VENT	NOTES
WC	P-106	FLOOR MOUNTED TANK WATER CLOSET	1/2"	-	3"	3"	-
LAV	P-401	WALL HUNG LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	-
LAV	P-528	COUNTERTOP DROP-IN LAVATORY	1/2"	1/2"	1-1/2"	1-1/2"	-
SM	P-701	SHOWER BATH UNIT	1/2"	1/2"	3"	2"	-
EW	P-604	WALL HUNG ELECTRIC WATER COOLER	1/2"	-	2"	1-1/2"	(ADA) WITH BOTTLE FILLER
HB	P-804	HOSE BIBB - INTERIOR	3/4"	-	-	-	-
EWS	P-707	EMERGENCY EYEWASH STATION	1/2"	-	-	2"	-
FD	FD-C	6" DIAMETER FLOOR DRAIN	-	-	3"	2"	-
FD	FD-E	12"x12" FLOOR DRAIN	-	-	3"	2"	(1)
FD	FD-H	12"x12" FLOOR DRAIN	-	-	3"	-	-
FD	FD-I	12"x12" FLOOR DRAIN	-	-	4"	2"	(1)
RD	RD-1	ROOF DRAIN	-	-	-	-	(2)(3)
ORD	ORD-1	EMERGENCY ROOF DRAIN	-	-	-	-	(2)(4)

REMARKS:
 (1) PROVIDE WITH TRAP PRIMER CONNECTION. SEE PLAN FOR LOCATION AND QUANTITY.
 (2) SIZE PER PLANS.
 (3) CAST IRON BODY AND DOME.
 (4) CAST IRON BODY AND DOME WITH 2" WATER DAM.

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FINAL DESIGN
APPROVED FOR CONSTRUCTION

CONSULTANTS: Affiliated Engineers Affiliated Engineers SE, Inc. Tampa Town Center 12921 5th Street, Ste 205 Gainesville, Florida 32606 Tel: 352.378.3560 Fax: 352.373.3479 CA-5140	ENGINEER-OF-RECORD: JAMES E. WILLIAMS FL P.E. NO. 51045 	ARCHITECT/ENGINEERS: AKEA INC. 3803 NW 95th Street, Suite B Gainesville, FL 32608 Phone: (352) 474-6124 Fax: (352) 553-4437 ODA: FL #26693 AKEA Project No. 085-14	Drawing Title PLUMBING SCHEDULES	Project Title REPLACE BOILERS - FCA D. ENERGY AT THE MALCOM RANDALL VAMC	Project Number 573-14-600	Building Number PL600	Drawing Number 89 OF 127	Office of Construction and Facilities Management
Date MARCH 9, 2015	Checked JSN	Drawn RWD	Approved: Project Director					