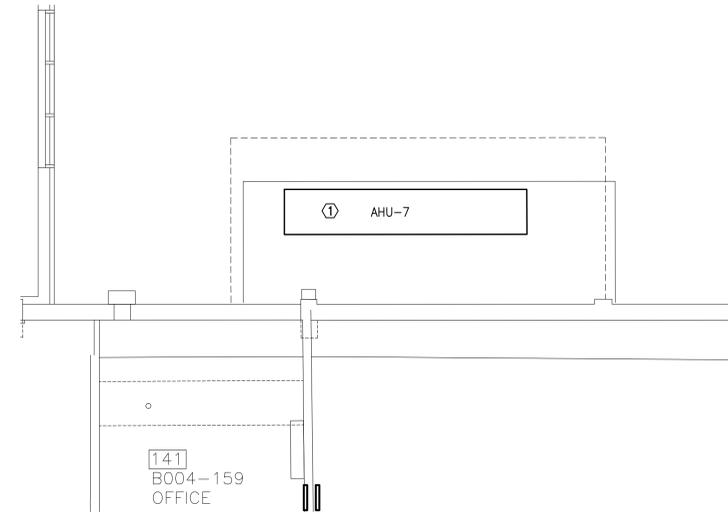
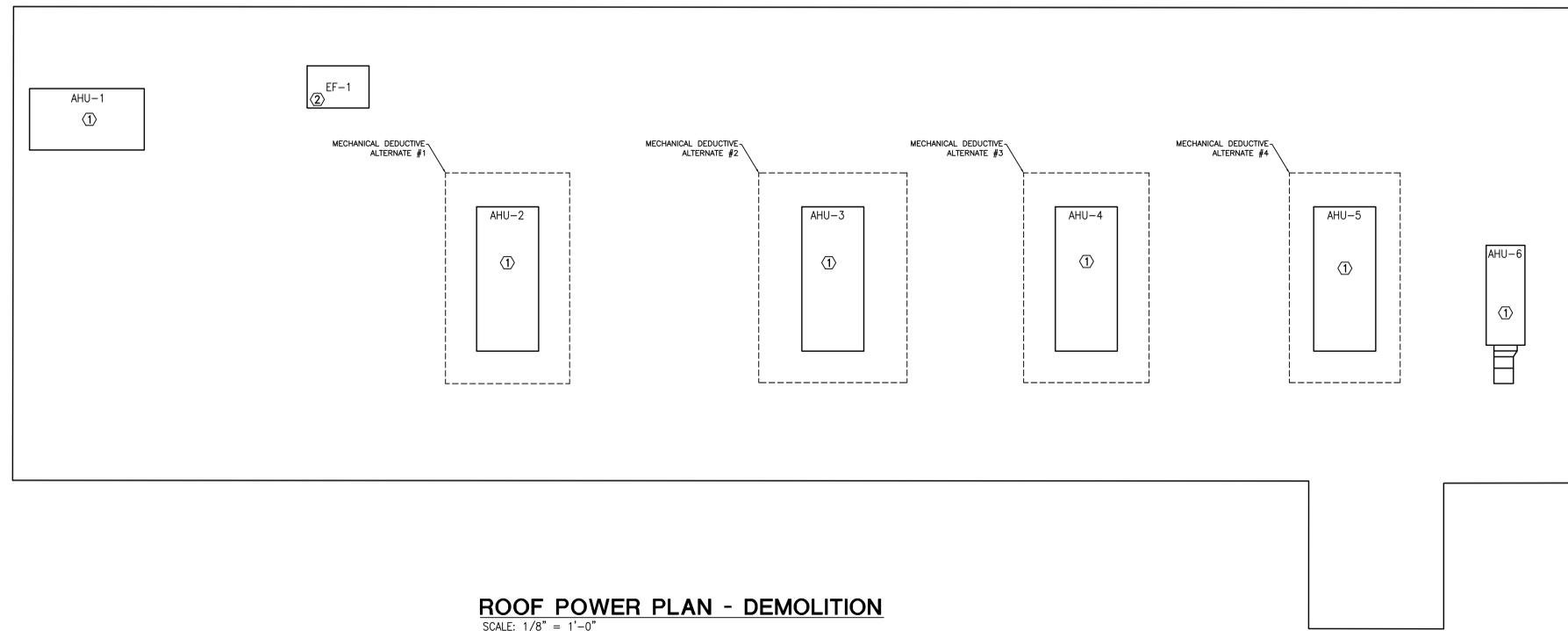


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 one eighth inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



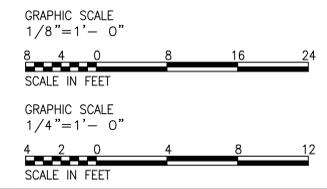
GROUND FLOOR POWER PLAN - DEMOLITION
 SCALE: 1/4" = 1'-0"

- ### GENERAL DEMOLITION NOTES
- ALL ITEMS SHOWN WITH HATCHED LINES INDICATE ITEMS TO BE DEMOLISHED. SEE ARCHITECTURAL DRAWINGS AND CODED DEMOLITION NOTES FOR ADDITIONAL INFORMATION. COORDINATE DEMOLITION WITH ALL TRADES.
 - LOCATION OF EXISTING EQUIPMENT, CONDUITS, OUTLETS, DEVICES, CONTROLS AND ALL CONCEALED WORKS, ETC. ARE APPROXIMATE.
 - NOT ALL CIRCUITS AND DEVICES ARE INDICATED. FOR EACH DEVICE INDICATED FOR DEMOLITION THERE IS A CIRCUIT OR FEEDER BACK TO THE POINT OF ORIGIN. ALL CIRCUITS AND DEVICES SHALL BE DEMOLISHED UNLESS NOTED OTHERWISE.
 - EXISTING PIPING AND/OR CONDUIT RUN CONCEALED IN FLOOR SLAB OR UNDERGROUND AND NOT INDICATED OR REQUIRED TO BE REUSED IN NEW WORK SHALL BE ABANDONED UNLESS NOTED OTHERWISE. CUT PIPING AND/OR CONDUIT AT FLOOR. ALL REPAIRS SHALL BE BY TRADES SKILLED IN FINISH WORK. MODIFY EXISTING OPENINGS TO BE REUSED IN NEW WORK BY SAW CUTTING OR CORING.
 - FLUORESCENT LAMPS AND BALLASTS SHALL BE CONSIDERED HAZARDOUS WASTE.
 - ALL OPENINGS AND SURFACES MADE BARE BY DEMOLITION AND/OR REMOVAL OF OUTLETS, EQUIPMENT, CONTROLS, ETC. SHALL BE REPAIRED AND/OR PATCHED TO MATCH ADJACENT FINISH. PREPARE SURFACES TO RECEIVE NEW FINISH. SEE ARCHITECTURAL DRAWINGS FOR NEW FINISH SCHEDULE. ALL REPAIRS AND NEW FINISH SHALL BE BY TRADES SKILLED IN FINISH WORK.
 - DURING THE LIFE OF THE CONTRACT (CONSTRUCTION AND DEMOLITION TO POINT OF BENEFICIAL OCCUPANCY BY OWNER), THE CONTRACTOR SHALL PROTECT ALL SYSTEMS OR PORTIONS OF SYSTEMS TO REMAIN FOR REUSE FROM DAMAGE. ALL SYSTEMS SHALL BE TESTED IN SERVICE AFTER COMPLETION OF THE CONTRACT AND MADE COMPLETE AND OPERABLE AT NO ADDITIONAL COST TO THE GOVERNMENT.
 - COORDINATE ALL DEMOLITION WITH ALL TRADES INVOLVED.
 - ALL OPENINGS IN RATED CONSTRUCTION NOT REUSED IN NEW WORK SHALL BE CLOSED WITH FIRE RATED MATERIAL TO MATCH ADJACENT FINISH AND NEW CONSTRUCTION. MODIFY EXISTING OPENINGS TO BE REUSED IN NEW WORK BY SAW CUTTING.
 - ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE NATIONAL ELECTRIC SAFETY CODE (ANSI/IEEE C-2) AND THE NATIONAL ELECTRIC CODE (NFPA 70).



ROOF POWER PLAN - DEMOLITION
 SCALE: 1/8" = 1'-0"

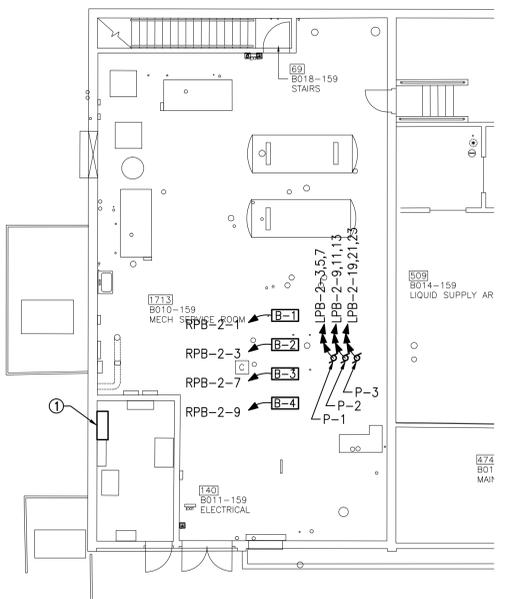
- ### DEMOLITION NOTES
- DEMOLISH EXISTING HVAC UNIT POWER COMPLETE BACK TO POINT OF ORIGIN INCLUDING BUT NOT LIMITED TO DISCONNECT, CONDUIT AND WIRING.
 - CAREFULLY DISCONNECT EXISTING EXHAUST FAN CIRCUIT AND PROTECT FROM DAMAGE FOR REUSE IN NEW WORK.



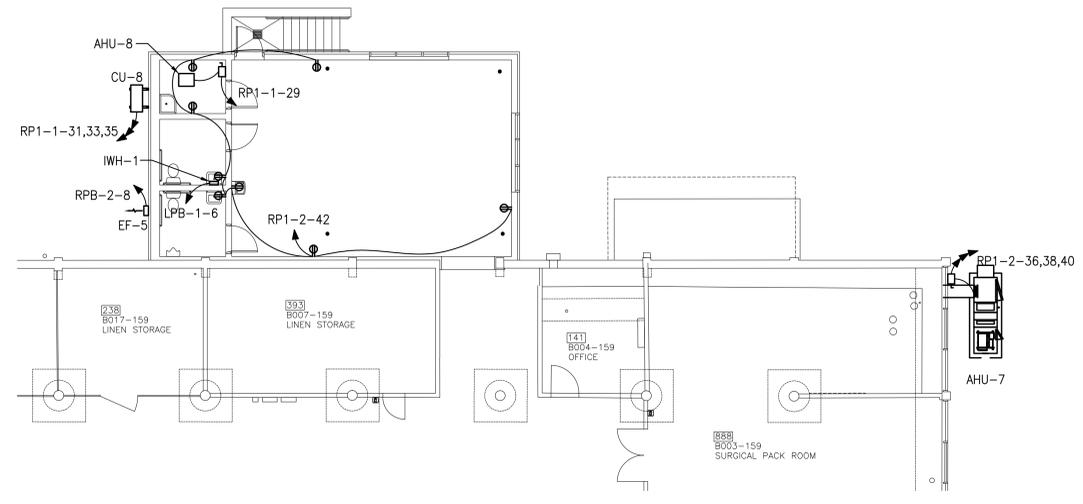
100% SUBMISSION - FULLY SPRINKLERED

Revisions: _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____	CONSULTANTS: _____ _____ _____		ARCHITECT/ENGINEERS:  BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716	Drawing Title POWER PLANS - DEMOLITION	Project Title LAUNDRY UPGRADES	Project Number 598-12-122	Building Number 159	Drawing Number ED104 Dwg. 4 of 10	Location LITTLE ROCK, ARKANSAS	Date MAY 21, 2013	Checked G.LUI	Drawn J.POPE	CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM 
	Approved Project Director _____				VA FORM 08-6231								

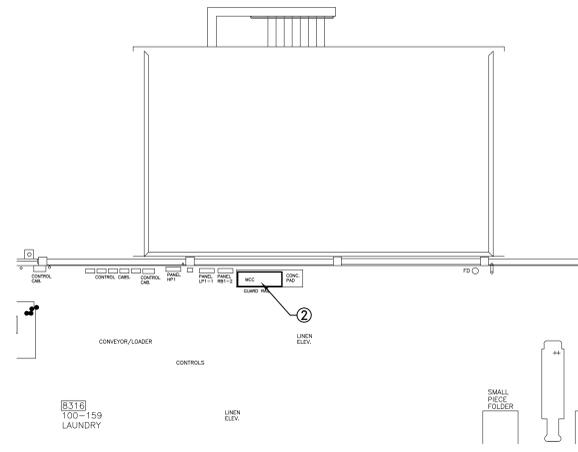
three inches = one foot
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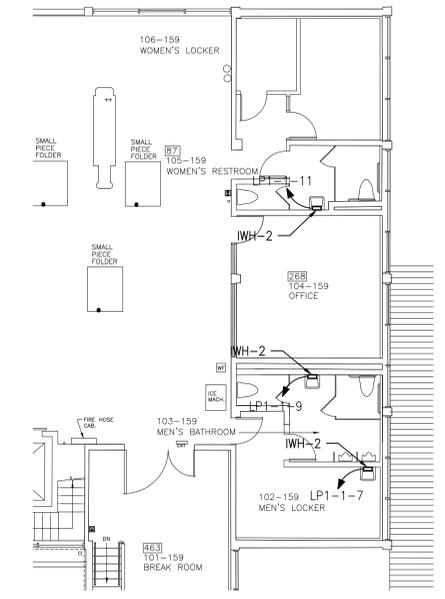
BASEMENT PARTIAL POWER PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"



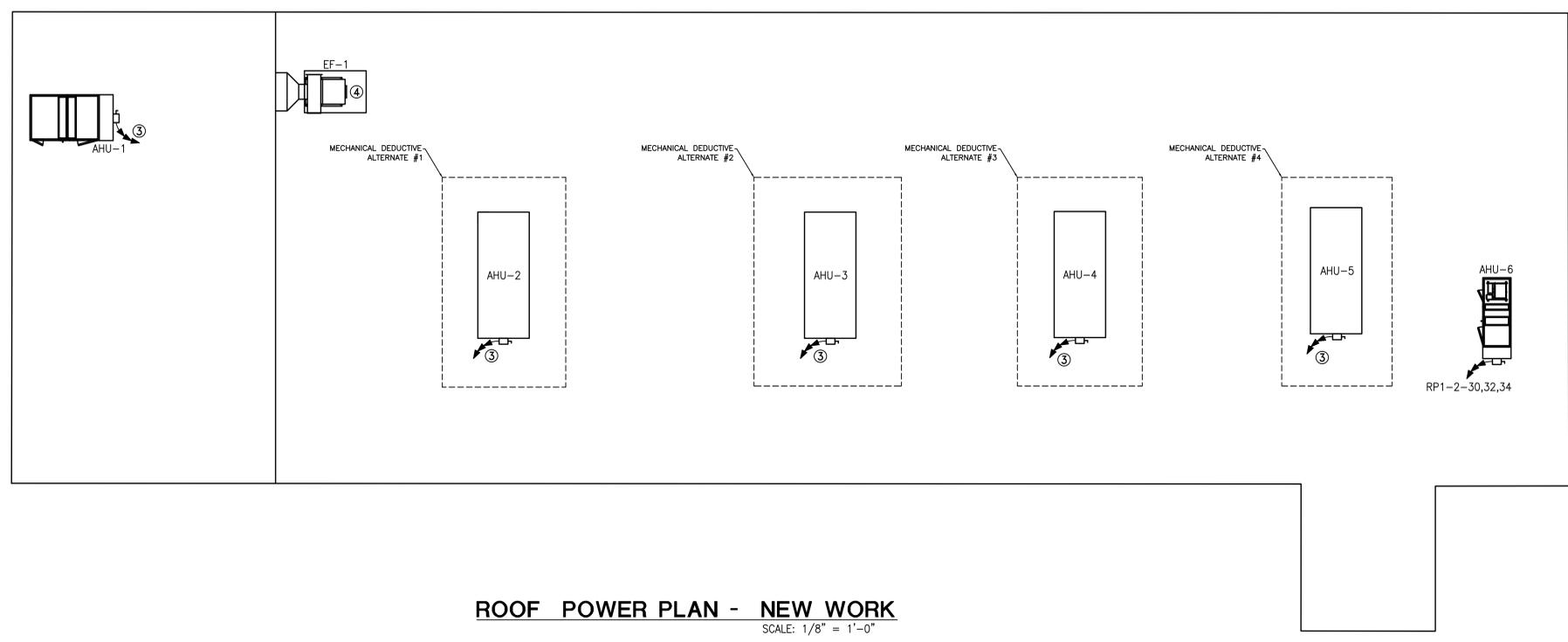
BASEMENT PARTIAL POWER PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"



FIRST FLOOR PARTIAL POWER PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"



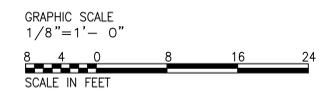
FIRST FLOOR PARTIAL POWER PLAN - NEW WORK



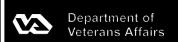
ROOF POWER PLAN - NEW WORK
 SCALE: 1/8" = 1'-0"

- GENERAL NEW WORK NOTES**
1. ALL ELECTRICAL WIRING, CONDUIT, DEVICES, EQUIPMENT AND MATERIALS SHALL BE NEW UNLESS NOTED OTHERWISE.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC SAFETY CODE (IEEE C-2), THE NATIONAL ELECTRIC CODE (NFPA 70).
 3. ALL CONDUCTORS SHALL BE COPPER UNLESS NOTED OTHERWISE.
 4. ALL INTERIOR ELECTRICAL WIRING SHALL BE IN METALLIC CONDUIT UNLESS NOTED OTHERWISE.

- NEW WORK NOTES**
- ① PROVIDE NEW 800A POWER DISTRIBUTION PANELBOARD 'MDP1' IN EXISTING LOCATION, KAIC SHALL MATCH EXISTING. RECONNECT ALL EXISTING FEEDERS AND BRANCH CIRCUITS. SEE DWG E5.02 FOR ADDITIONAL INFORMATION.
 - ② PROVIDE NEW 600A, COPPER BUS, CLASS 1, TYPE B, MOTOR CONTROL CENTER, NEMA 1 ENCLOSURE, KAIC RATING SHALL MATCH EXISTING. SEE DWG E5.01 FOR ADDITIONAL INFORMATION.
 - ③ PROVIDE CIRCUIT TO NEW MOTOR CONTROL CENTER. SEE DWG E5.02 FOR ADDITIONAL INFORMATION.
 - ④ CONNECT EXISTING EXHAUST FAN CIRCUIT PROTECTED DURING DEMOLITION TO NEW EXHAUST FAN.



100% SUBMISSION - FULLY SPRINKLERED

Revisions: _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____ _____ Date _____	CONSULTANTS: _____ _____ _____	 REGISTERED PROFESSIONAL ENGINEER WALTER	ARCHITECT/ENGINEERS:  BES DESIGN/BUILD BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716	Drawing Title POWER PLANS - NEW WORK	Project Title LAUNDRY UPGRADES	Project Number 598-12-122	CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM 
	Approved Project Director _____	Location LITTLE ROCK, ARKANSAS	Building Number 159	Drawing Number EP101 Dwg 8 of 10			

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE		GRD.	PANEL: PANEL 'LPB-1' (EXISTING)										CIRCUIT NO.						
		NO. RUNS	NEUT		PHASE	DEVICES		PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICES							
						AMP/THRP	POLE	KAIC	AMP	9A	9B	9C	AMP	DESIGNATION		KAIC	POLE	AMP/THRP			
1	1/2"	1	12	12	12	20	1	LTS-LIQ. SUPPLY_MAINT_EQUIP	5.0	1.3		5.8	LTS-STORAGE,OFFICE,SURG. PK RM	1	20	12	12	12	1	1/2"	2
3	1/2"	1	12	12	12	20	1	LTS-LINEN DIST.,STORAGE	14.0	1.9		2.0	LTS-LOADING DOCK	1	20	12	12	12	1	1/2"	4
5								SPARE			2.6	22.0	IWH-1	1	30	10	10	10	1	1/2"	6
7								SPARE					SPARE								8
9								SPARE					SPARE								10
11								SPARE					SPARE								12
13								SPARE					SPARE								14
15								SPARE					SPARE								16
17								SPARE					SPARE								18
19								SPARE					SPARE								20
21								SPACE					SPACE								22
23								SPACE					SPACE								24
25								SPACE					SPACE								26
27								SPACE					SPACE								28
29								SPACE					SPACE								30
31								SPACE					SPACE								32
33								SPACE					SPACE								34
35								SPACE					SPACE								36
37								SPACE					SPACE								38
39								SPACE					SPACE								40
41								SPACE					SPACE								42

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE		GRD.	PANEL: PANEL 'LPB-2' (EXISTING)										CIRCUIT NO.						
		NO. RUNS	NEUT		PHASE	DEVICES		PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICES							
						AMP/THRP	POLE	KAIC	AMP	9A	9B	9C	AMP	DESIGNATION		KAIC	POLE	AMP/THRP			
1	1/2"	1	12	12	12	20	1	LTS-MECH,ELEC,STAIRWELL	5.0			14	SPARE								2
3	1/2"	1	12	12	12	20	3		3.4			3.4	EXISTING CIRCUIT								4
5								HWP-1	3.4			3.4	EXISTING CIRCUIT								6
7									3.4			3.4	EXISTING CIRCUIT								8
9	1/2"	1	12	12	12	20	3		3.4			3.4	EXISTING CIRCUIT								10
11								HWP-2	3.4			3.4	EXISTING CIRCUIT								12
13									3.4			3.4	SPARE								14
15								EXISTING CIRCUIT					SPARE								16
17								EXISTING CIRCUIT					SPARE								18
19	1/2"	1	12	12	12	20	3		3.4			3.4	SPARE								20
21								HWP-3	3.4			3.4	SPARE								22
23									3.4			3.4	SPARE								24
25								SPACE					SPACE								26
27								SPACE					SPACE								28
29								SPACE					SPACE								30
31								SPACE					SPACE								32
33								SPACE					SPACE								34
35								SPACE					SPACE								36
37								SPACE					SPACE								38
39								SPACE					SPACE								40
41								SPACE					SPACE								42

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE		GRD.	PANEL: PANEL 'LPB1-1' (EXISTING)										CIRCUIT NO.						
		NO. RUNS	NEUT		PHASE	DEVICES		PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICES							
						AMP/THRP	POLE	KAIC	AMP	9A	9B	9C	AMP	DESIGNATION		KAIC	POLE	AMP/THRP			
1	1/2"	1	12	12	12	20	1	LTS-(BAY) ROW 1				14	LTS-(BAY) ROW 2	1	20	12	12	12	1	1/2"	2
3	1/2"	1	12	12	12	20	1	LTS-(BAY) ROW 3					LTS-(BAY) ROW 4	1	20	12	12	12	1	1/2"	4
5	1/2"	1	12	12	12	20	1	LTS-RM 104,105,106					LTS-RM 101,102,103	1	20	12	12	12	1	1/2"	6
7	1/2"	1	12	12	12	20	1	IWH-2	10.8			10.8	LTS-SECOND FLOOR								8
9	1/2"	1	12	12	12	20	1	IWH-2	10.8			10.8	SPARE								10
11	1/2"	1	12	12	12	20	1	IWH-2	10.8			10.8	SPARE								12
13								SPARE					SPARE								14
15								SPARE					SPARE								16
17								SPARE					SPARE								18
19								SPARE					SPARE								20
21								SPACE					SPACE								22
23								SPACE					SPACE								24
25								SPACE					SPACE								26
27								SPACE					SPACE								28
29								SPACE					SPACE								30
31								SPACE					SPACE								32
33								SPACE					SPACE								34
35								SPACE					SPACE								36
37								SPACE					SPACE								38
39								SPACE					SPACE								40
41								SPACE					SPACE								42

CIRCUIT NO.	SIZE CONDUIT	POWER CABLE		GRD.	PANEL: PANEL 'RPB-2' (EXISTING)										CIRCUIT NO.						
		NO. RUNS	NEUT		PHASE	DEVICES		PHASE LOAD (KVA)			BRANCH CIRCUIT			DEVICES							
						AMP/THRP	POLE	KAIC	AMP	9A	9B	9C	AMP	DESIGNATION		KAIC	POLE	AMP/THRP			
1	1/2"	1	12	12	12	20	1	BOILER B-1	15.5			14	EXISTING CIRCUIT								2
3	1/2"	1	12	12	12	20	1	BOILER B-2	15.5				EXISTING CIRCUIT								4
5								EXISTING CIRCUIT					EXISTING CIRCUIT								6
7	1/2"	1	12	12	12	20	1	BOILER B-3	15.5				EF-5	1	20	12	12	12	1	1/2"	8
9	1/2"	1	12	12	12	20	1	BOILER B-4	15.5				SPARE								10
11								EXISTING CIRCUIT					EXISTING CIRCUIT								12
13								EXISTING CIRCUIT					SPACE								14
15								SPACE					SPACE								16
17	1/2"	1	12	12	12	20	1	UH-3	1.0				SPACE								18
19	1/2"	1	12	12	12	20	1	UH-4	2.0				SPACE								20
21	1/2"	1	12	12	12	20	1	UH-5	1.0				SPACE								22
23	1/2"	1	12	12	12	20	1	UH-6	1.5				SPACE								24
25								SPACE					SPACE								26
27								SPACE					SPACE								28
29								SPACE					SPACE								30
31								SPACE					SPACE								32
33								SPACE		</											

