

GROUND FLOOR ELECTRICAL PLAN - DEMOLITION

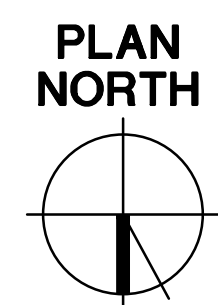
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

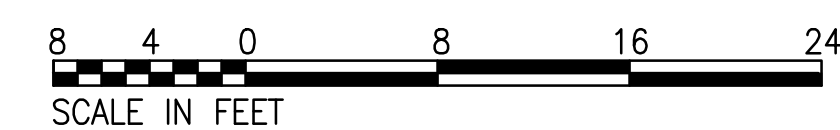
1. ALL ITEMS SHOWN WITH HATCHED LINES INDICATE ITEMS TO BE DEMOLISHED. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE DEMOLITION WITH ALL TRADES.
2. LOCATION OF EXISTING EQUIPMENT, CONDUITS, OUTLETS, DEVICES, CONTROLS AND ALL CONCEALED WORKS, ETC. ARE APPROXIMATE.
3. NOT ALL CIRCUITS 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.
4. EXISTING PIPING AND/OR CONDUIT RUN CONCEALED IN FLOOR SLAB OR UNDERGROUND AND NOT INDICATED OR SPECIFIED FOR REUSE 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.
5. FLUORESCENT LAMPS AND BALLASTS SHALL BE CONSIDERED HAZARDOUS WASTE.
6. 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 ADDITIONAL INFORMATION. ALL REPAIRS AND NEW FINISH SHALL BE BY TRADES SKILLED IN FINISH WORK.
7. 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.
8. 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).
9. UNLESS NOTED OTHERWISE IT IS THE DECLARED AND ACKNOWLEDGED INTENTION AND MEANING TO DEMOLISH ALL LIGHTING SYSTEMS COMPLETE, INCLUDING ALL ASSOCIATED DEVICES, CONDUIT AND WIRING.

DEMOLITION NOTES

- ① ALL LIGHTING FIXTURES IN THIS AREA SHALL BE DEMOLISHED COMPLETE INCLUDING ALL ASSOCIATED DEVICES, CONDUIT AND WIRING. TOTAL FIXTURES DEMOLISHED SHALL BE 116 SURFACE MOUNTED AND 15 RECESSED.
- ② DEMOLISH EXISTING PANEL/MDP1 COMPLETE. EXISTING FEEDERS, CONDUIT AND BRANCH CIRCUITS SHALL BE PROTECTED FROM DAMAGE FOR REUSE IN NEW WORK.
- ③ DEMOLISH EXISTING HOT WATER PUMP CIRCUIT COMPLETE BACK TO POINT OF ORIGIN, INCLUDING BUT NOT LIMITED TO CONDUIT AND WIRING.

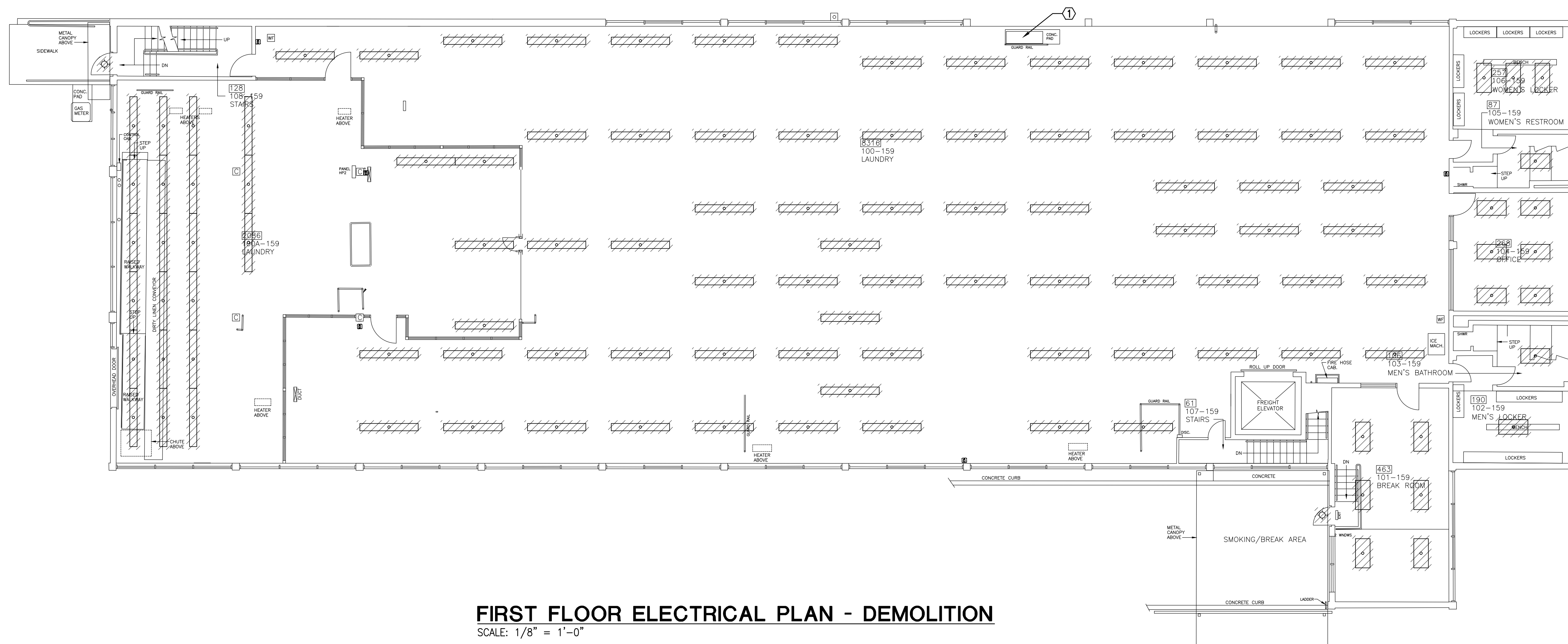


GRAPHIC SCALE
1/8"=1'-0"



100% SUBMISSION - FULLY SPRINKLERED

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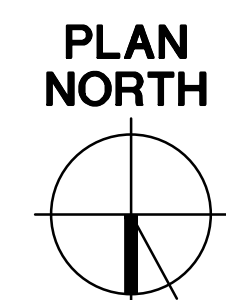


GENERAL DEMOLITION NOTES

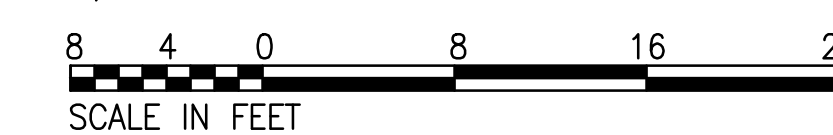
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DEMOLITION NOTES

- ① DEMOLISH EXISTING MOTOR CONTROL CENTER COMPLETE. EXISTING INCOMING FEEDER CONDUIT SHALL REMAIN FOR REUSE IN NEW WORK.



GRAPHIC SCALE
1/8"=1'-0"

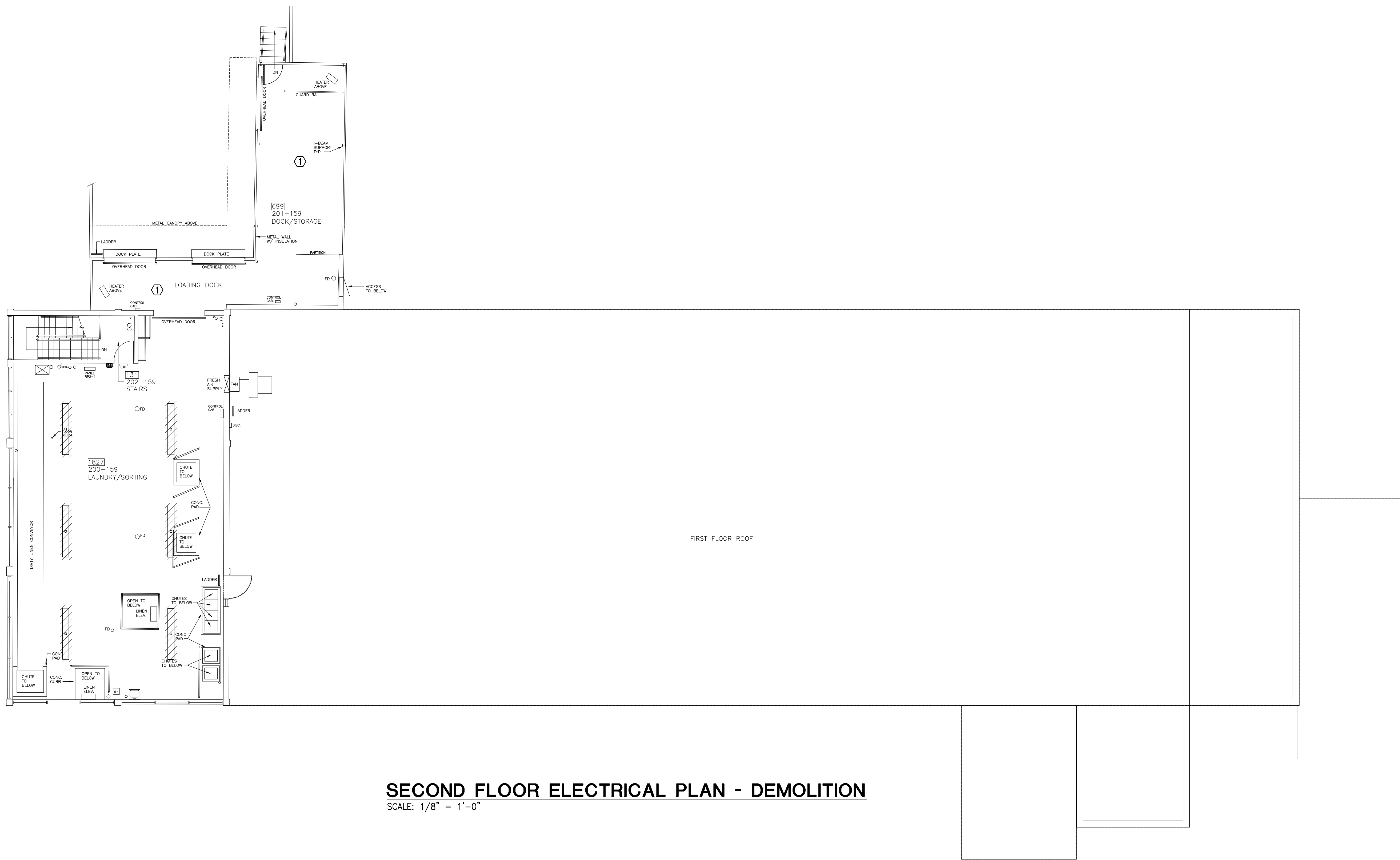


100% SUBMISSION - FULLY SPRINKLERED

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



SECOND FLOOR ELECTRICAL PLAN - DEMOLITION
SCALE: 1/8" = 1'-0"

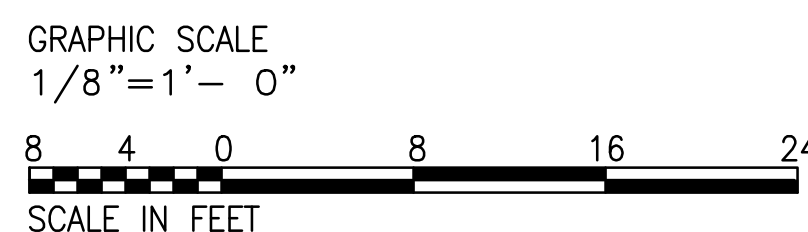
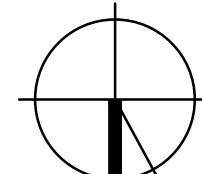
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DEMOLITION NOTES

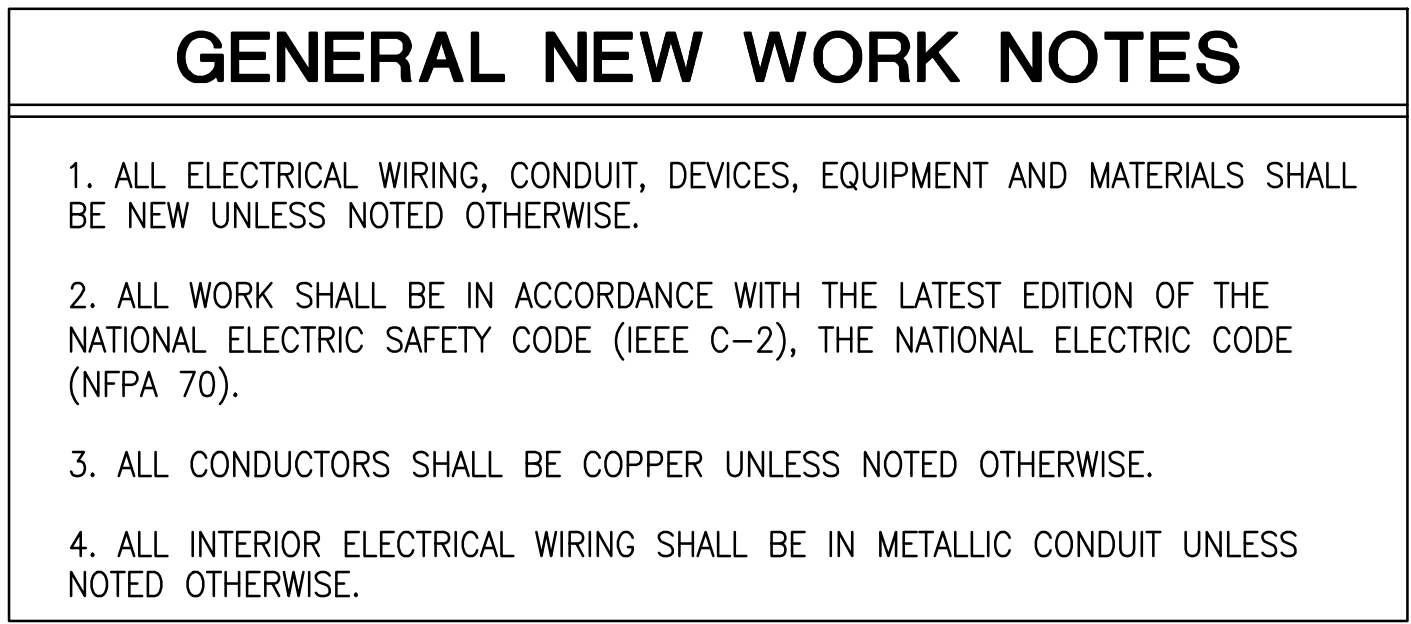
- ① ALL LIGHTING FIXTURES IN THIS AREA SHALL BE DEMOLISHED COMPLETE INCLUDING ALL ASSOCIATED DEVICES, CONDUIT AND WIRING.

PLAN
NORTH



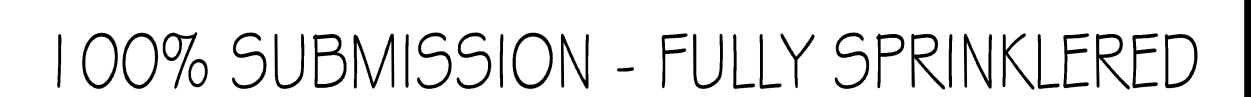
100% SUBMISSION - FULLY SPRINKLERED

CONSULTANTS:			ARCHITECT/ENGINEERS:		Drawing Title SECOND FLOOR ELECTRICAL PLAN DEMOLITION	Project Title LAUNDRY UPGRADES	Project Number 598-12-122	CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM	
			 BES DESIGN/BUILD 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716		Approved Project Director	Location LITTLE ROCK, ARKANSAS	Building Number 159		Drawing Number ED103
Revisions:						Date MAY 21, 2013	Checked G.LIU	Drawn J.POPE	Dwg 3 of 10



TYPE	MFG	PART NUMBER	VOLTS	LAMP	DESCRIPTION
A	LSI	XHB3-S-LED-128-350-CW-UE-HM6-WHT	277V	LED	SUSPENDED LED FIXTURE
B	LSI	EG3-4-S-LED-HO-CW-UE	277V	LED	1x4 SURFACE MOUNTED LED FIXTURE
C	CREE	KR6-30L-40K-120V	277V	LED	RECESSED DOWNLIGHT
D	CREE	CR24-40L-40K	277V	LED	2x4 RECESSED LED FIXTURE
DE	CREE	CR24-40L-40K-EB14	277V	LED	SAME AS ABOVE WITH EMERGENCY BACKUP
EM	H.E.WILLIAMS	EMER/LED-WHT-HL-SDT	277V	LED	EMERGENCY FIXTURE
F	H.E.WILLIAMS	LLMS-2-Z-LED*UT17/840-S-SQ-ED*UT-UNV	277V	LED	LED VANITY FIXTURE
G	CREE	LR6-10L-40K-120V	277V	LED	RECESSED DOWNLIGHT
HE	H.E.WILLIAMS	29-4-232-A-EM1400(T8)/2-EB2-277V	277V	(2) 32W T8	WALL MOUNTED FIXTURE WITH EMERGENCY BACKUP
J	LSI	XPWS3-WT-LED-28-450-NW-UE-BRZ	277V	LED	WALL PACK
J1E	LSI	XPWS3-WT-LED-28-450-NW-UE-BRZ-CWBB	277V	LED	SAME AS ABOVE WITH EMERGENCY BACKUP
J2E	LSI	XPWS3-WT-LED-28-450-NW-UE-BRZ-CWBB-PCI 277	277V	LED	PHOTOCELL
X	H.E.WILLIAMS	EXIT-R-EM-SDT	277V	LED	EXIT FIXTURE
XE	H.E.WILLIAMS	EXIT/EM/LED-SF-R-WHT-HL-SDT	277V	LED	EXIT FIXTURE WITH EMERGENCY HEADS

PLAN
NORTH

VA FORM 08-6231

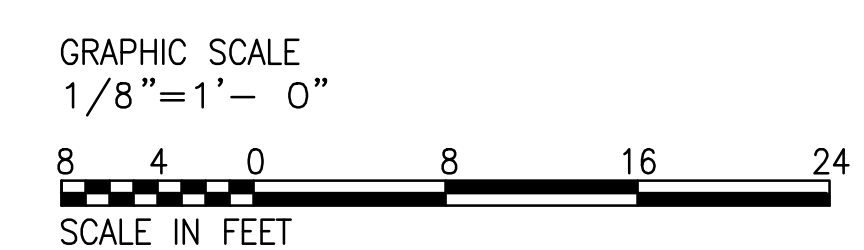


SCALE: 1/8" = 1'-0"

FIRST FLOOR ROOF

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.

① PROVIDE NEW CIRCUIT TO NEW UNIT HEATER FROM EXISTING SPARE 20A CIRCUIT BREAKER IN SECOND FLOOR PANEL RP2-1. CIRCUIT SHALL BE #12 W/GND; 1/2" CONDUIT.

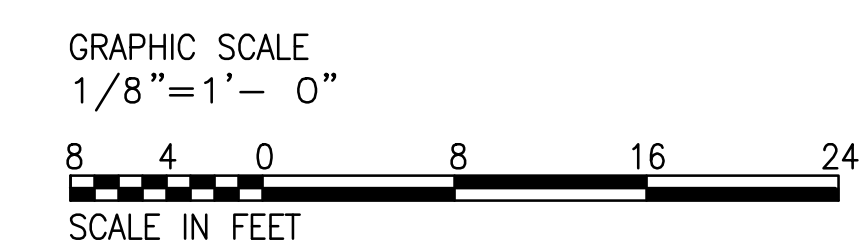


100% SUBMISSION - FULLY SPRINKLERED




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- ① PROVIDE NEW 800A POWER DISTRIBUTION PANELBOARD "MDP1" IN EXISTING LOCATION, KA1C 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, KA1C 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

		CONSULTANTS:				ARCHITECT/ENGINEERS:		Drawing Title POWER PLANS - NEW WORK		Project Title LAUNDRY UPGRADES		Project Number 598-12-122		CENTRAL ARKANSAS VETERANS AFFAIRS HEALTHCARE SYSTEM	
				  <p>BES DESIGN/BUILD, LLC 766 Middle St, Fairhope, AL 36532 Phone: 251.990.5778 Fax: 251.990.3716</p>		Approved Project Director		Location LITTLE ROCK, ARKANSAS		Drawing Number EP101 Dwg. 8 of 10					
Revisions:		Date						Date MAY 21, 2013		Checked G.LUI		Drawn J. POPE		 Department of Veterans Affairs	

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A

B

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D

E

F

three inches = one foot

one and one half inches = one foot

one inch = one foot

three quarters inch = one foot

one half inch = one foot

three eighths inch = one foot

one quarter inch = one foot

one eighth inch = one foot

CIRCUIT NO.	POWER CABLE				GRD.	PANEL: PANEL 'LPB-1' (EXISTING)										TYPE: SURFACE MOUNT										POWER CABLE				CIRCUIT NO.
						VOLTAGE: 480/277V 3P 4W										MAINS: 225A MLO														
						DEVICE		BRANCH CIRCUIT				PHASE LOAD (KVA)				BRANCH CIRCUIT				DEVICE										
	AMP/THP	KVA/C	DESIGNATION	AMPS		#A	#B	#C	AMPS	DESIGNATION	KVA/C	POLE	AMP/THP	GRD.	PHASE	NEUT	NO. RUNS	SIZE	CONDUIT											
1	½	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	½	2					2			
3	½	1	12	12	12	20	1	LTS-LINEN DIST.,STORAGE	14.0		1.9		2.0	LTS-LOADING DOCK	1	20	12	12	12	12	1	½	4					4		
5								SPARE				2.6	22.0	IWH-1		1	30	10	10	10	1	½	6					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		
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23								SPACE						SPACE														24		
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27								SPACE						SPACE														28		
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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.	POWER CABLE					GRD.	PANEL: PANEL 'LPB-2' (EXISTING)					TYPE: SURFACE MOUNT					POWER CABLE					CIRCUIT NO.
	VOLTAGE: 480/277V 3P 4W						MAINS: 225A MLO															
	DEVICE		BRANCH CIRCUIT				PHASE LOAD (KVA)			BRANCH CIRCUIT		DEVICE			PHASE		NEUT					
	SIZE	CONDUIT	NO. RUNS	NEUT	PHASE		DESIGNATION	AMPS	#A	#B	#C	AMPS	DESIGNATION	KVA/C	POLE	AMP/THP	GRD.	NO. RUNS	SIZE	CONDUIT		
1	½	1	12	12	12	20	1	LTS—MECH,ELEC,STAIRWELL	5.0				14	SPARE						2		
3	½	1	12	12	12	20	3	HWP-1	3.4					EXISTING CIRCUIT						4		
5									3.4						EXISTING CIRCUIT					6		
7									3.4											8		
9	½	1	12	12	12	20	3	HWP-2	3.4					EXISTING CIRCUIT						10		
11									3.4											12		
13									3.4											14		
15								EXISTING CIRCUIT						SPARE						16		
17								EXISTING CIRCUIT						SPARE						18		
19	½	1	12	12	12	20	3	HWP-3	3.4					SPARE						20		
21									3.4						SPARE						22	
23									3.4						SPARE						24	
25								SPARE						SPARE						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.	POWER CABLE					GRD.	PANEL: PANEL 'LPB1-1' (EXISTING)										TYPE: SURFACE MOUNT										POWER CABLE					CIRCUIT NO.
							VOLTAGE: 480/277V 3P 4W										MAINS: 225A MLO															
							DEVICE		BRANCH CIRCUIT				PHASE LOAD (KVA)				BRANCH CIRCUIT				DEVICE											
	AMP/THP	POLE	KVA/C	DESIGNATION	AMPS		ØA	ØB	ØC	AMPS	DESIGNATION	KVA/C	POLE	AMP/THP	GRD.	PHASE	NEUT	NO. RUNS	SIZE	CONDUIT												
1	½	1	12	12	12	20	1		LTS-(BAY) ROW 1					14	LTS-(BAY) ROW 2		1	20	12	12	12	1	½	2					2			
3	½	1	12	12	12	20	1		LTS-(BAY) ROW 3						LTS-(BAY) ROW 4		1	20	12	12	12	1	½	4					4			
5	½	1	12	12	12	20	1		LTS-RM 104,105,106						LTS-RM 101,102,103		1	20	12	12	12	1	½	6					6			
7	½	1	12	12	12	20	1		IWH-2	10.8					LTS-SECOND FLOOR														8			
9	½	1	12	12	12	20	1		IWH-2	10.8					SPARE														10			
11	½	1	12	12	12	20	1		IWH-2	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			

