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LEE'S SUMMIT LOGISTICS
BUILDING A LOT 1

NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

PERMIT SET	02.18.22
CITY COMMENTS	10.17.22

HERITAGE ELECTRIC, L.L.C.
841 N. MARTWAY
Olathe, Kansas
phone (913) 747 0528
fax (913) 747 0539



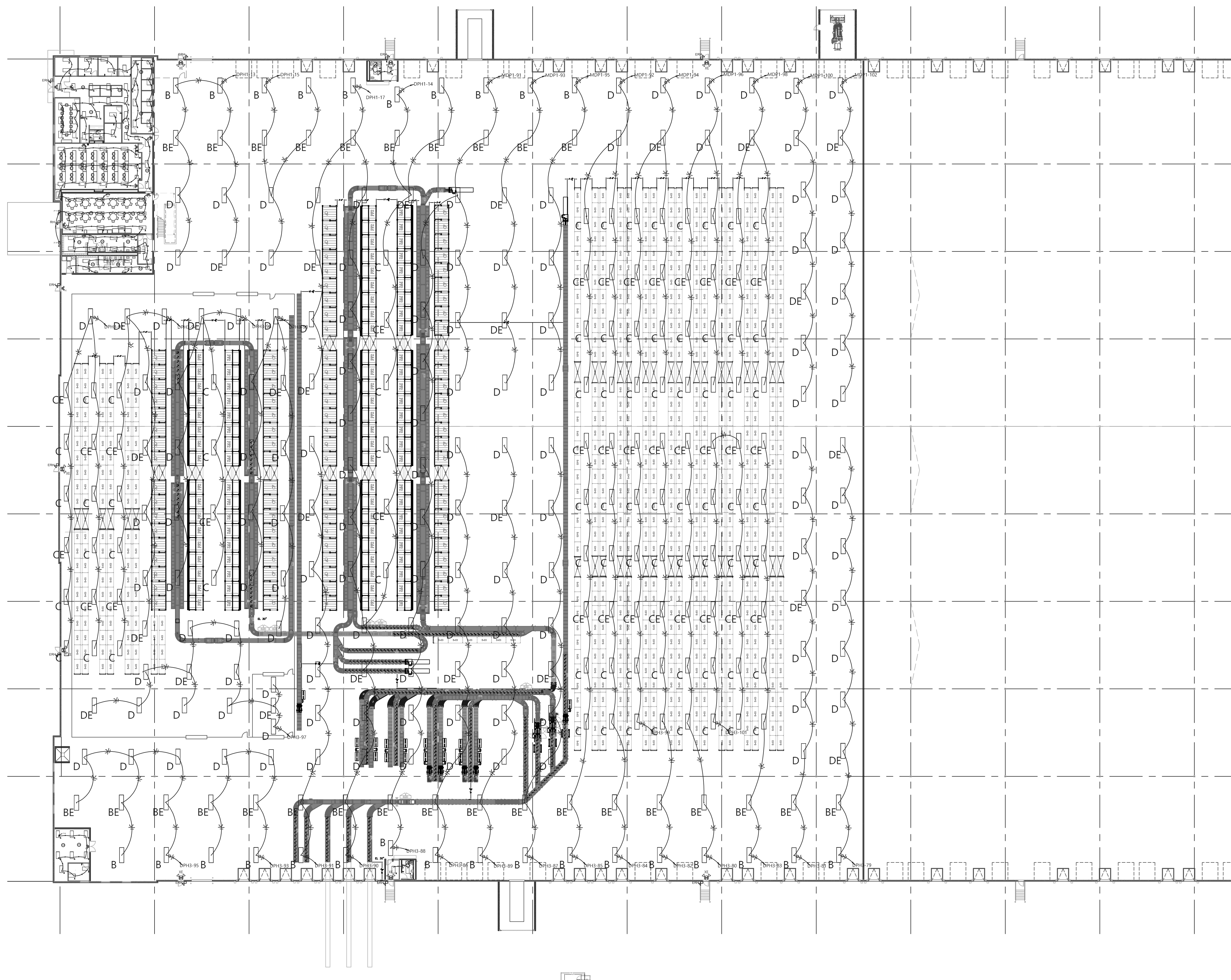
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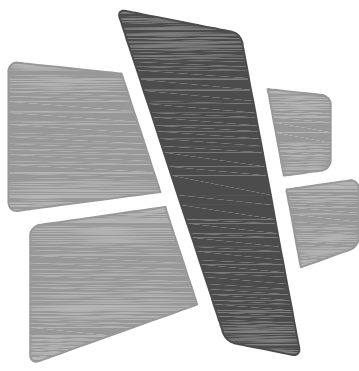
WAREHOUSE LIGHTING

EI.0



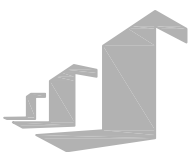
1 Warehouse lighting Plan





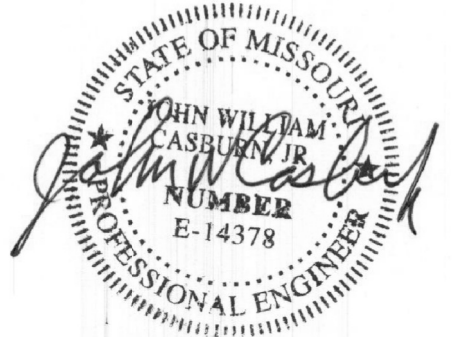
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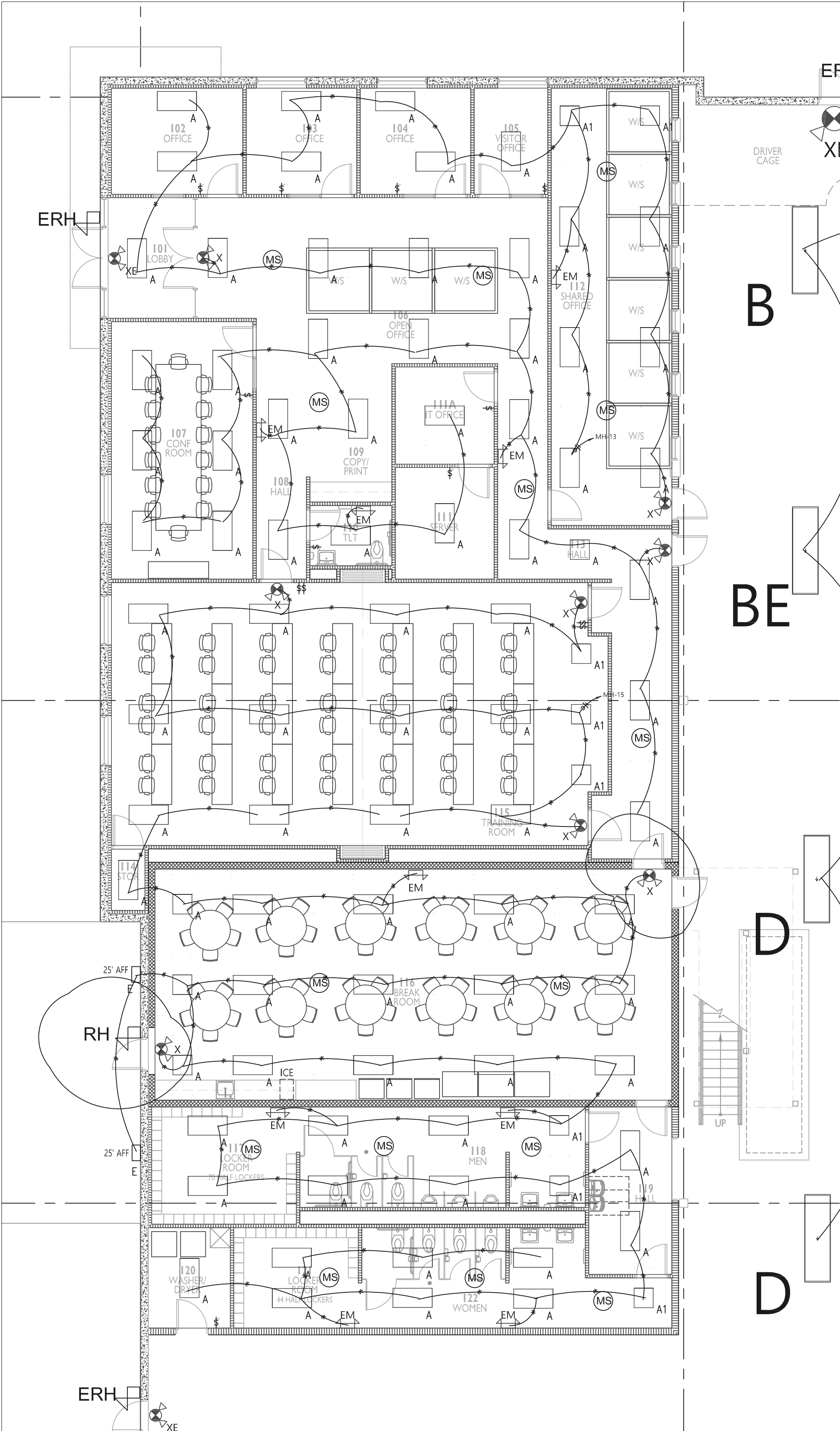
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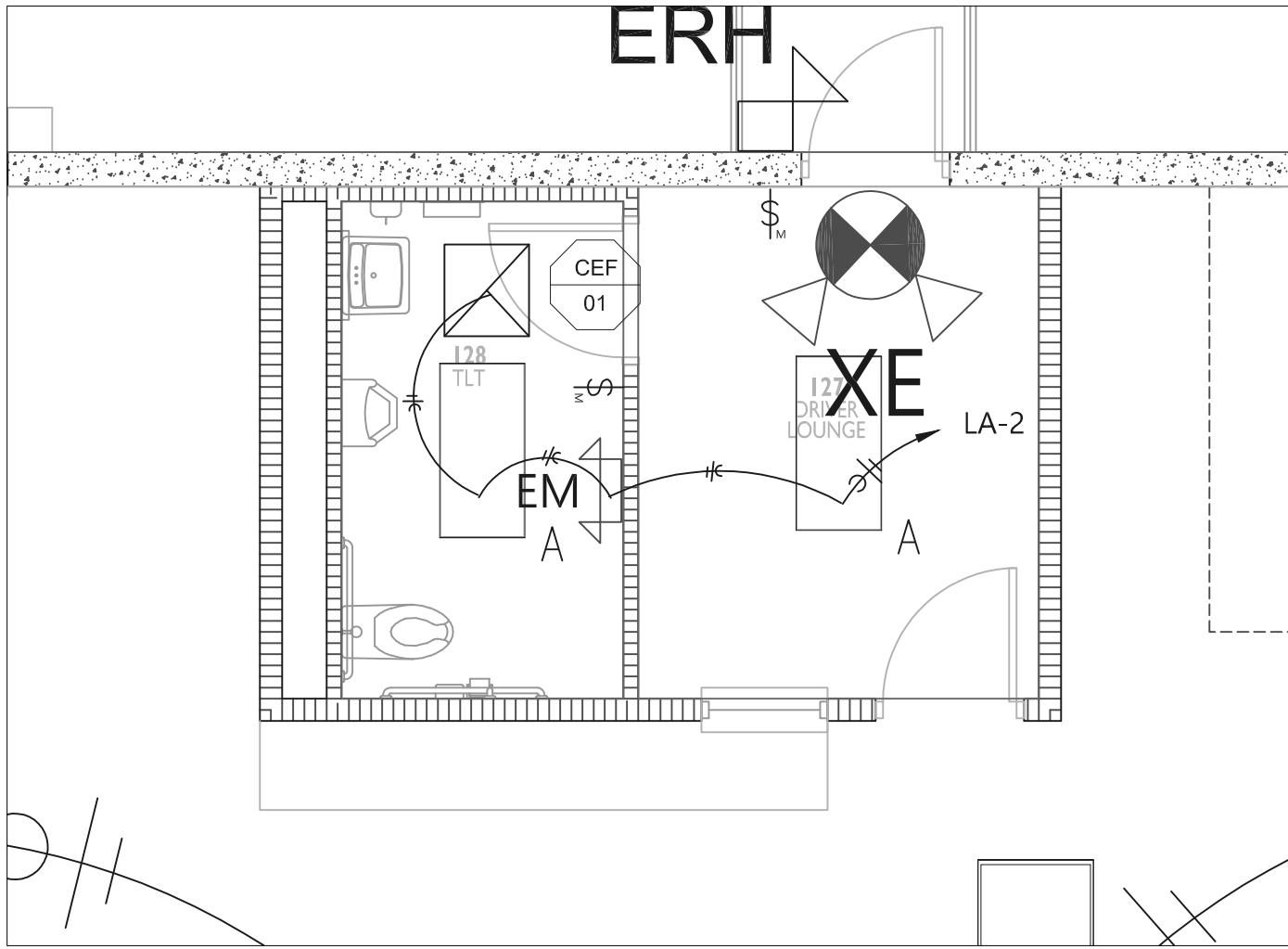
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OFFICE LIGHTING

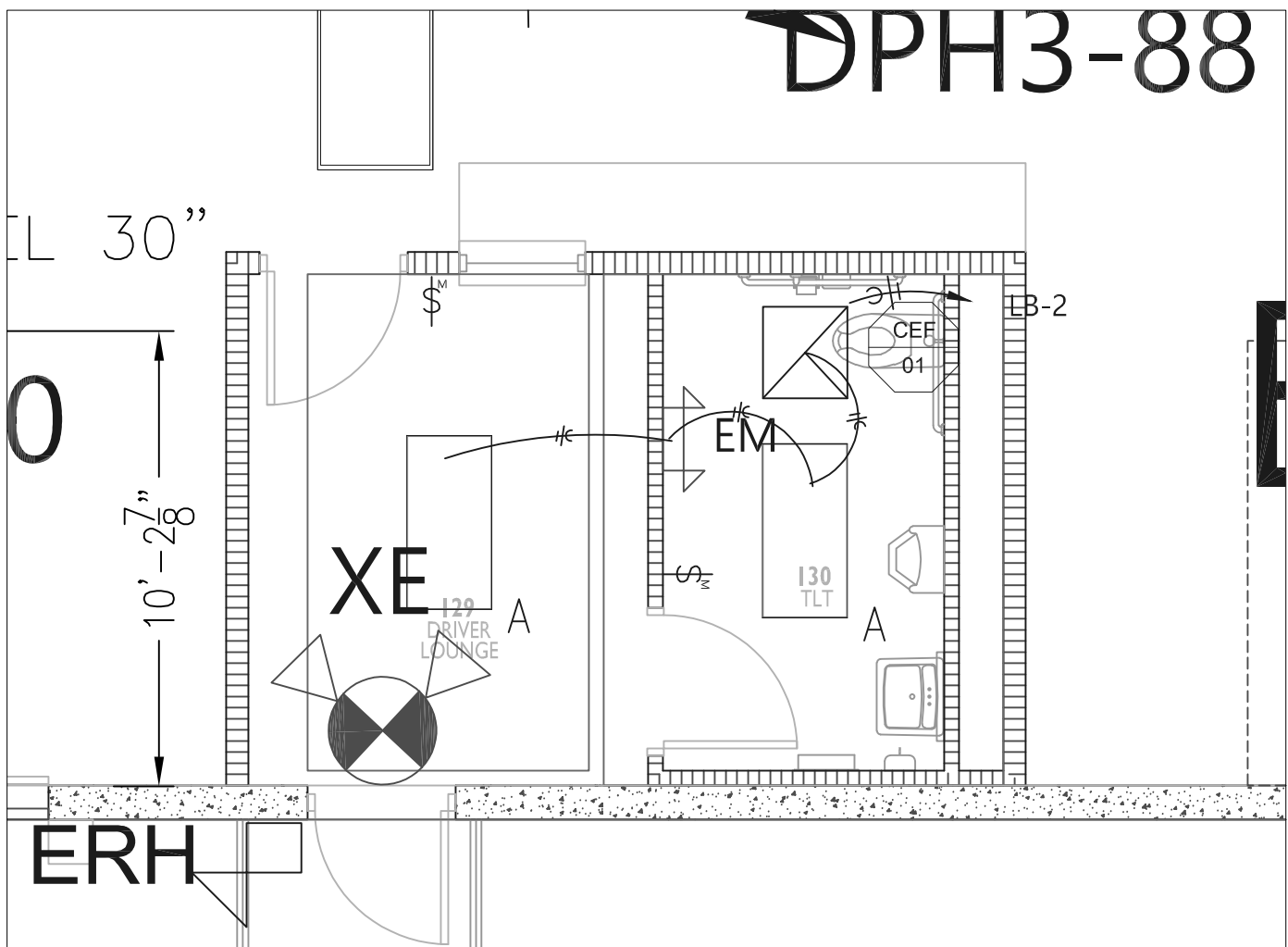
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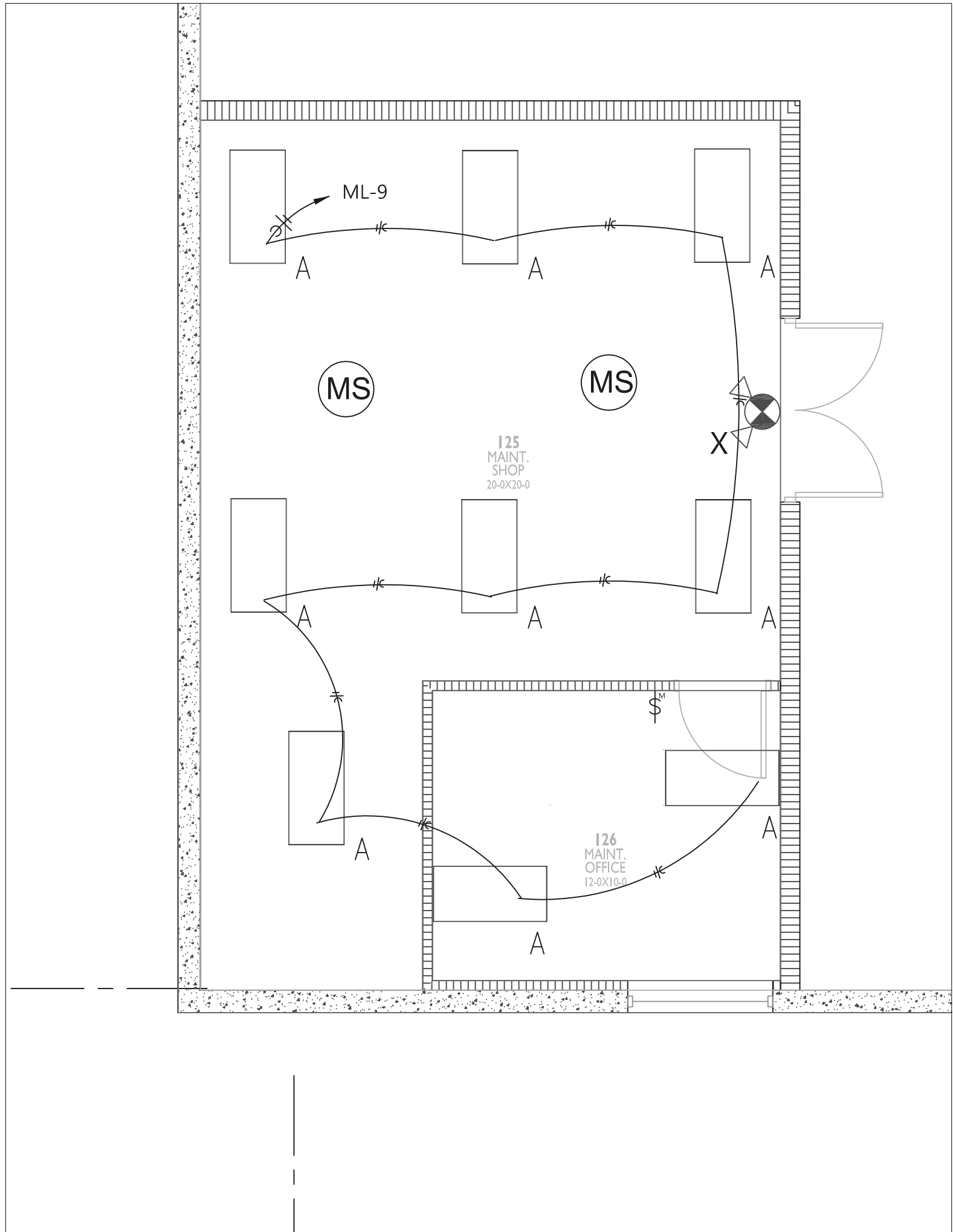
1 Office lighting Plan
scale: 1/8"=1'



2 Drivers Office lighting Plan
scale: 1/4"=1'



3 Drivers Office lighting Plan
scale: 1/4"=1'



4 Maintenance Office lighting Plan
scale: 1/4"=1'

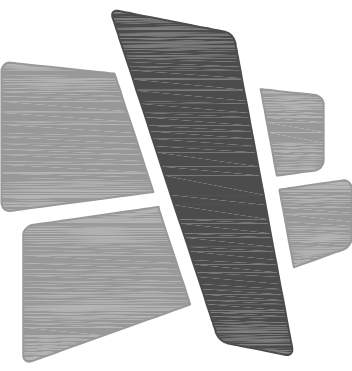


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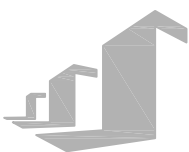
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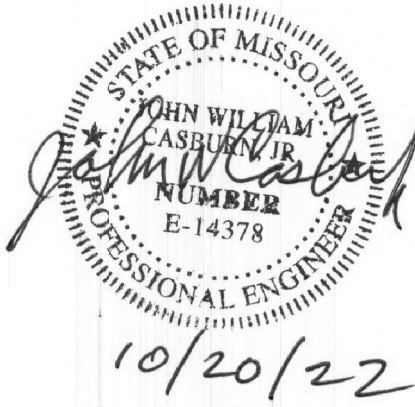
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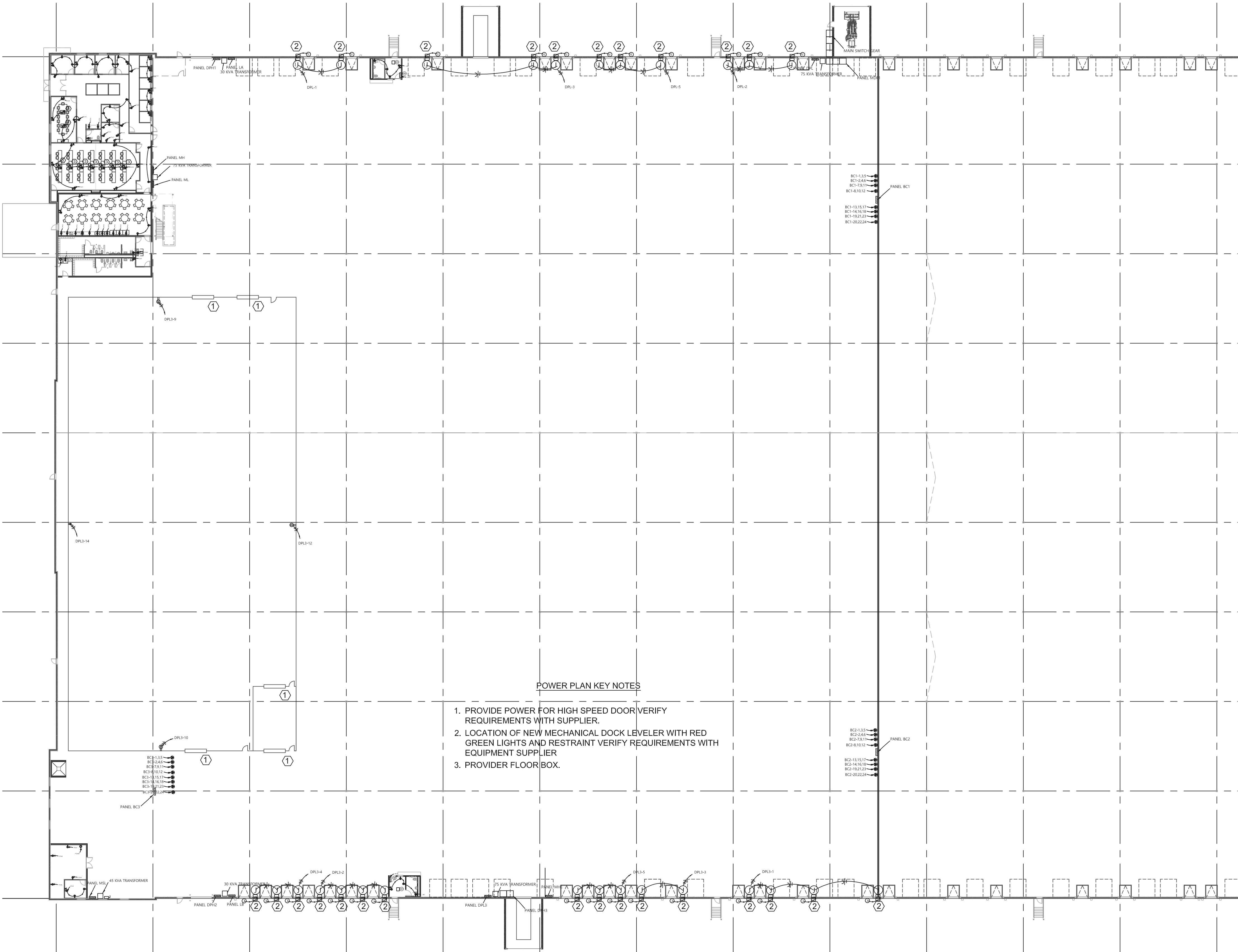
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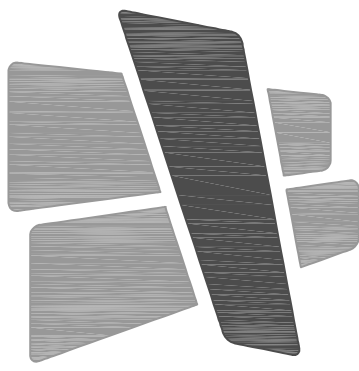
WAREHOUSE POWER

E2.0



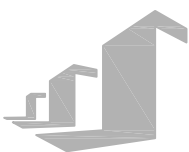
1 Warehouse Power Plan
scale: 1"=30'





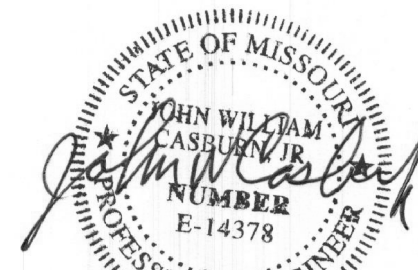
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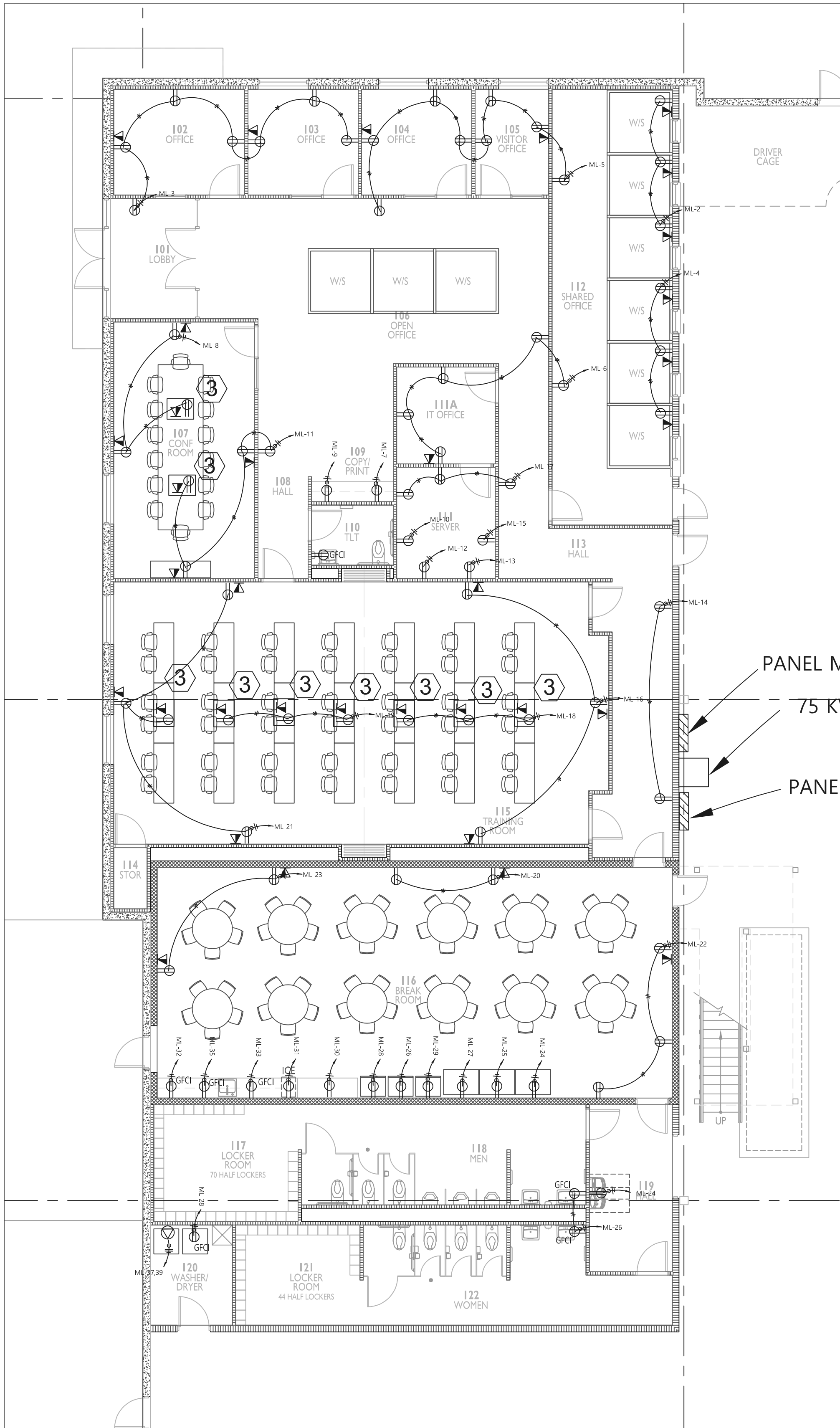
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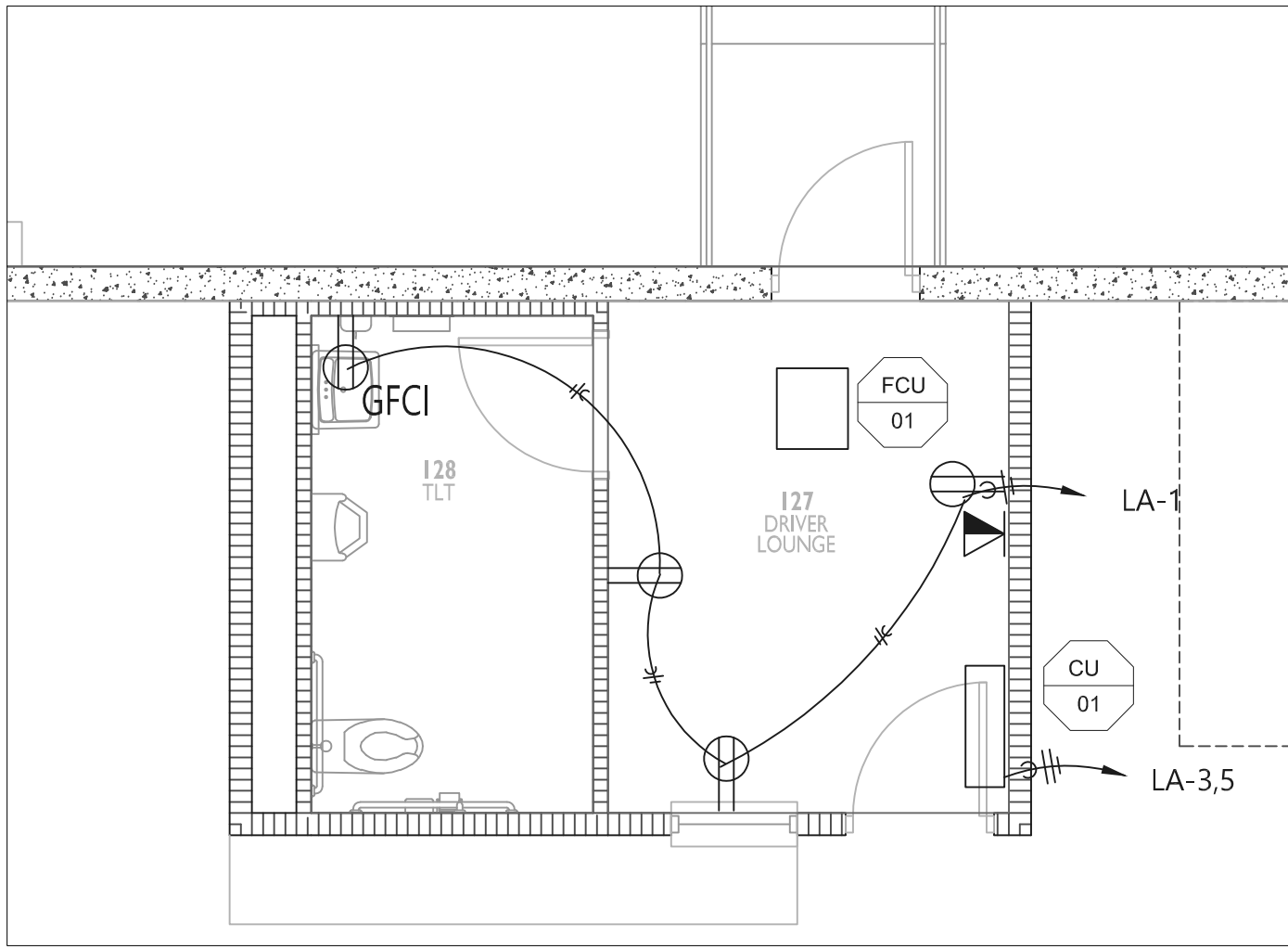
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OFFICE POWER

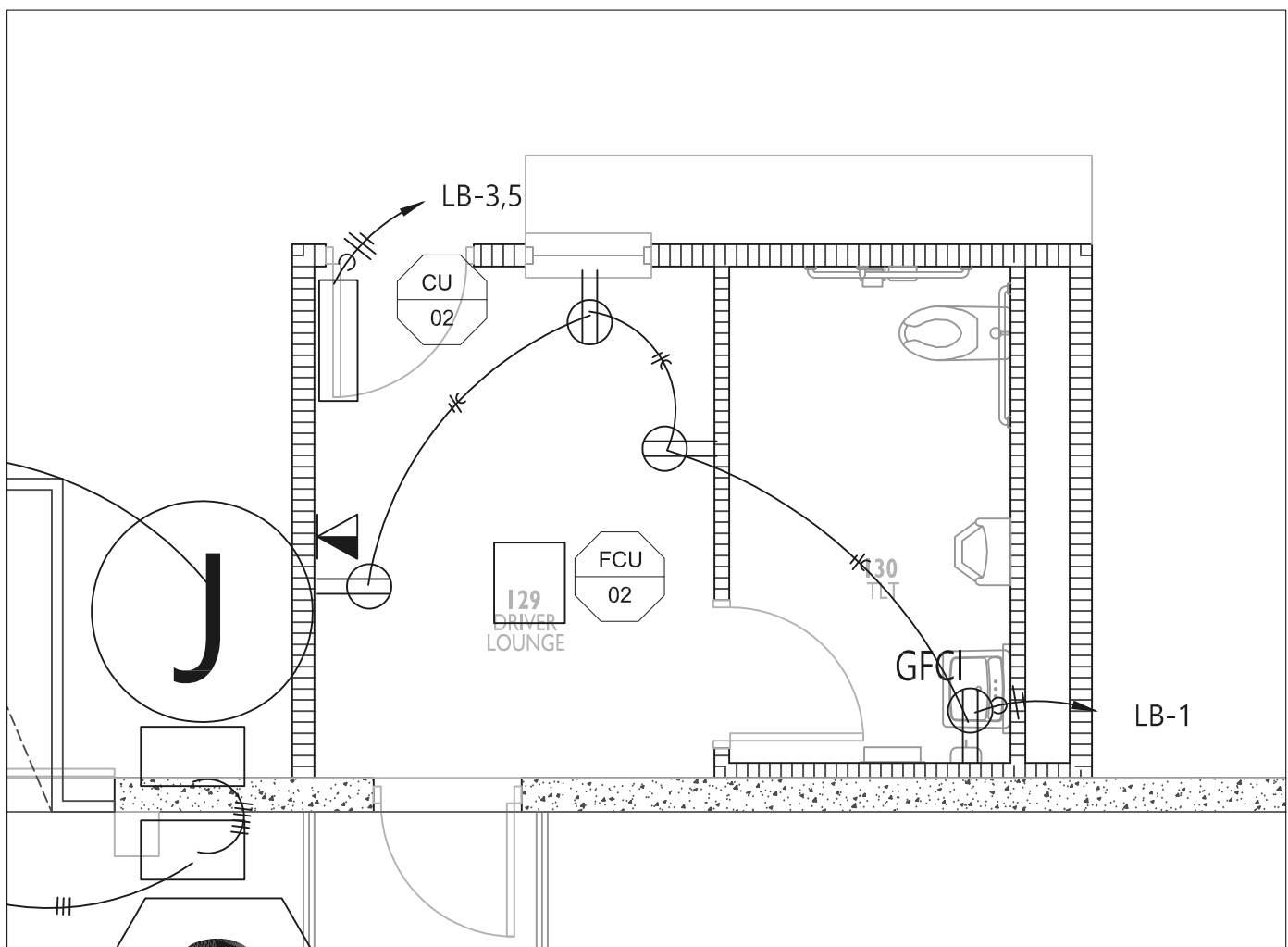
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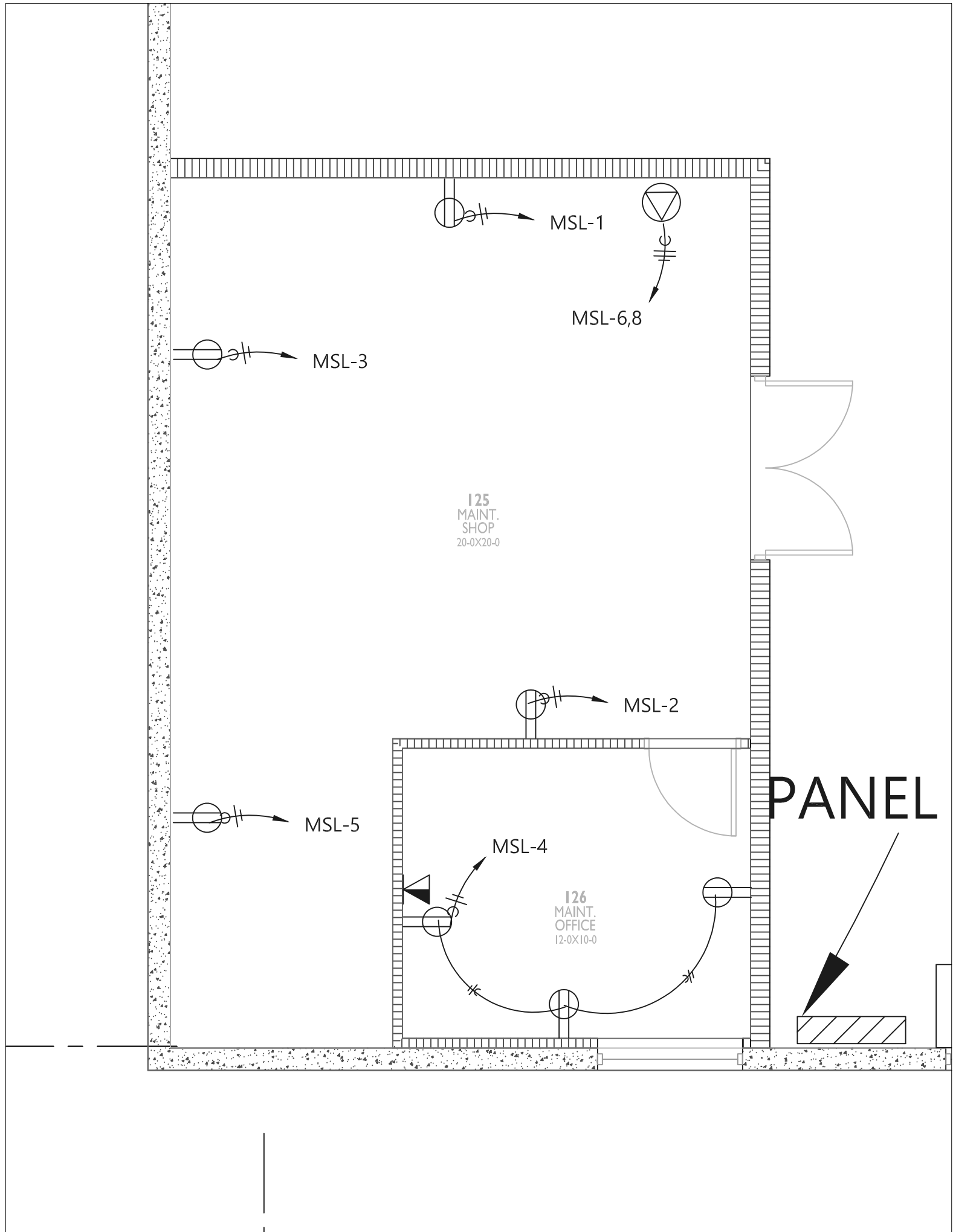
1 Office Power Plan
scale: 1/8"=1'



2 Drivers Office Power Plan
scale: 1/4"=1'



3 Drivers Office Power Plan
scale: 1/4"=1'



4 Maintenance Office Power Plan
scale: 1/4"=1'



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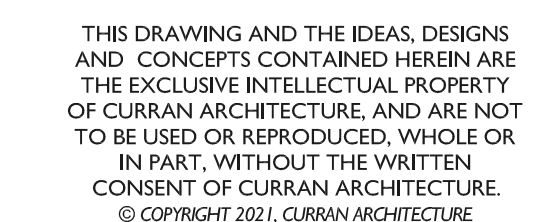
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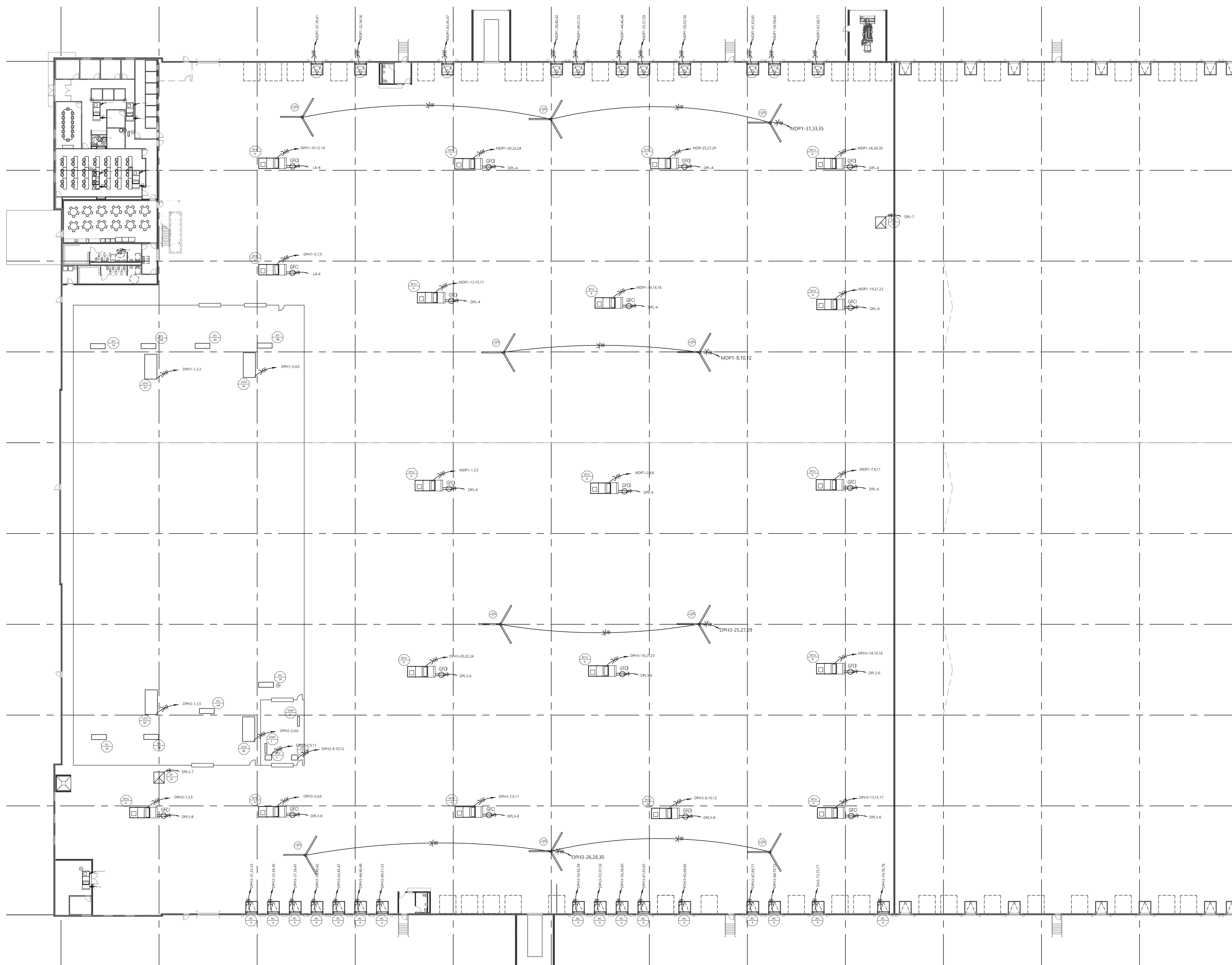
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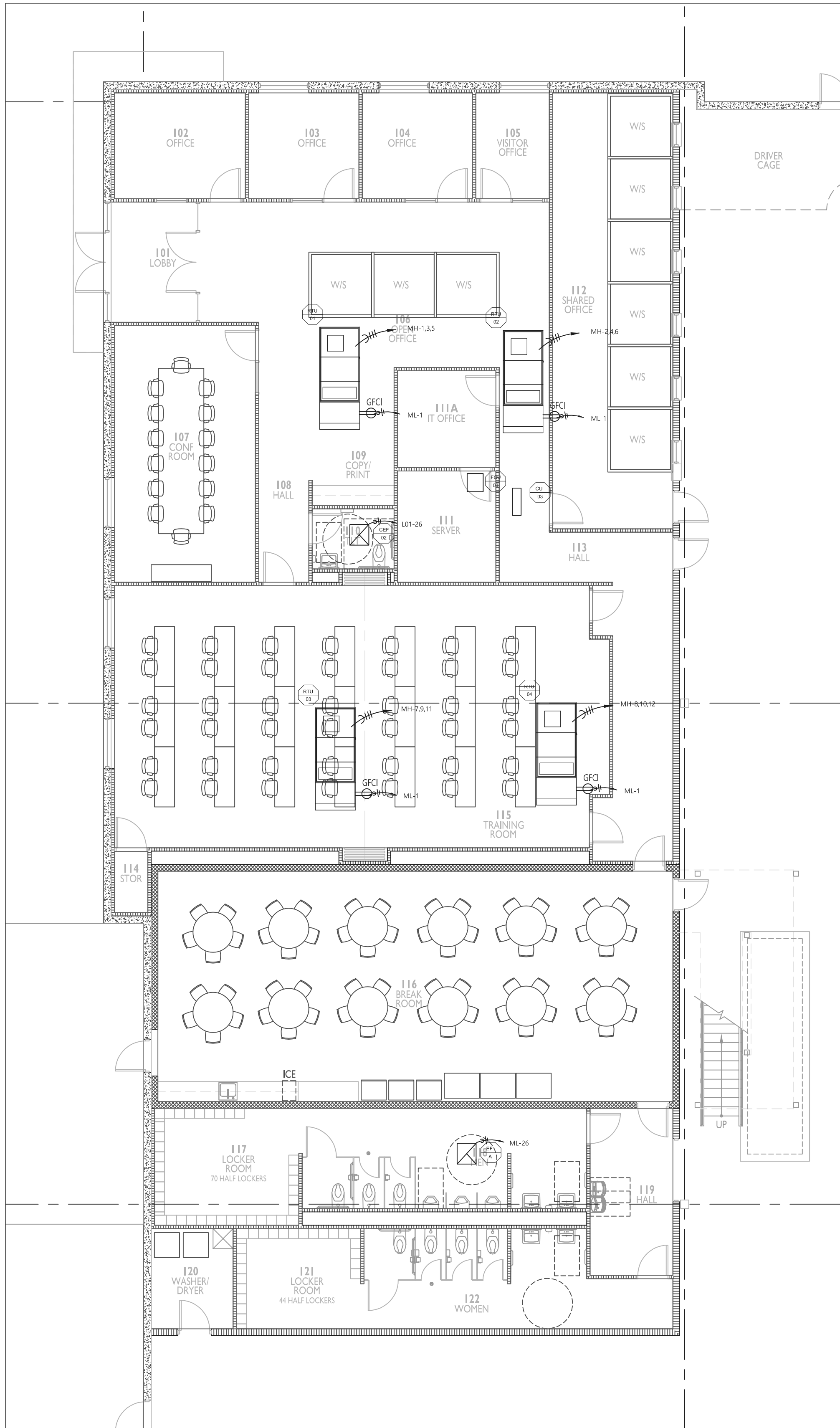
HVAC POWER

E3.0

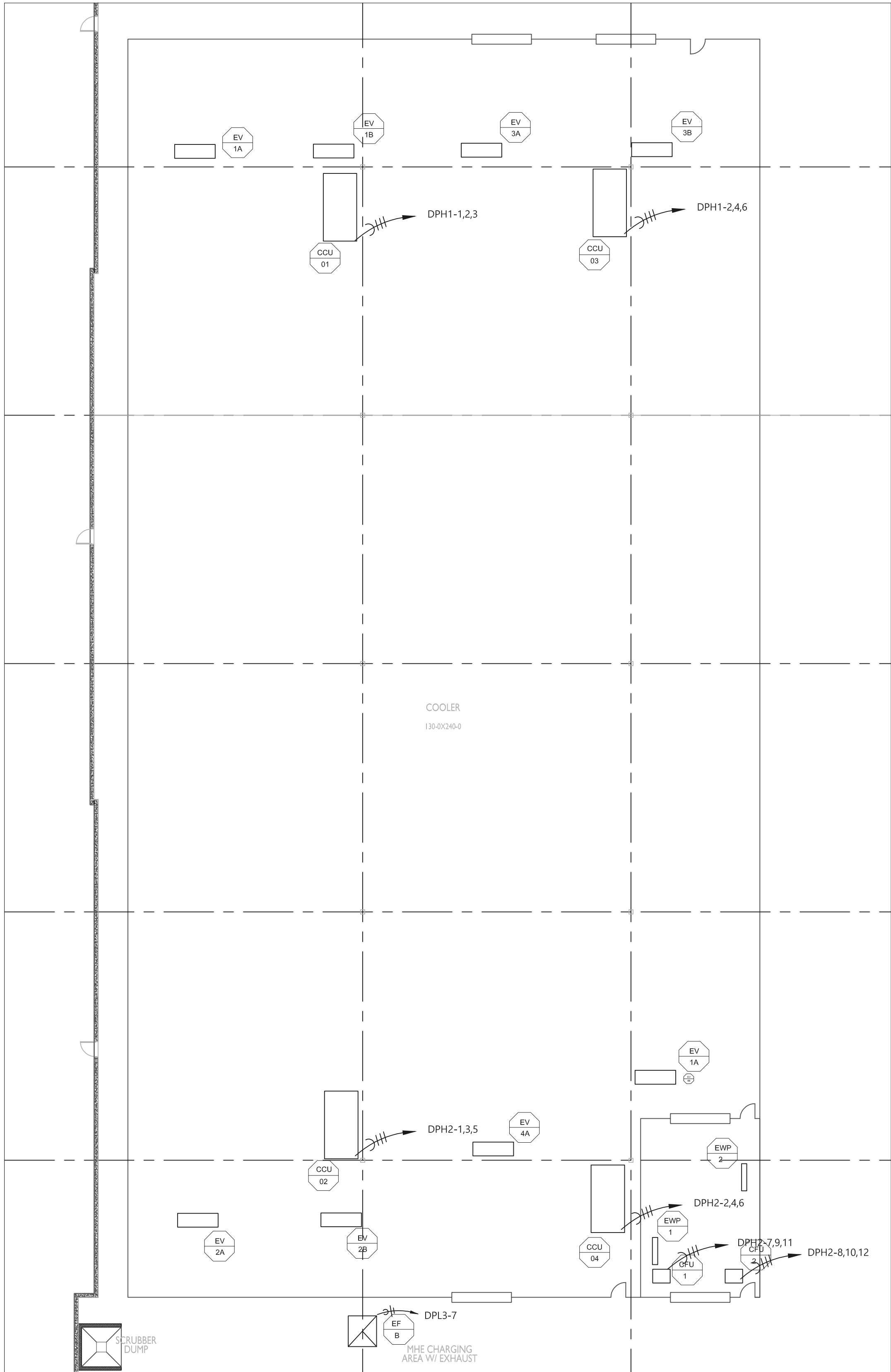


1 Warehouse HVAC Plan

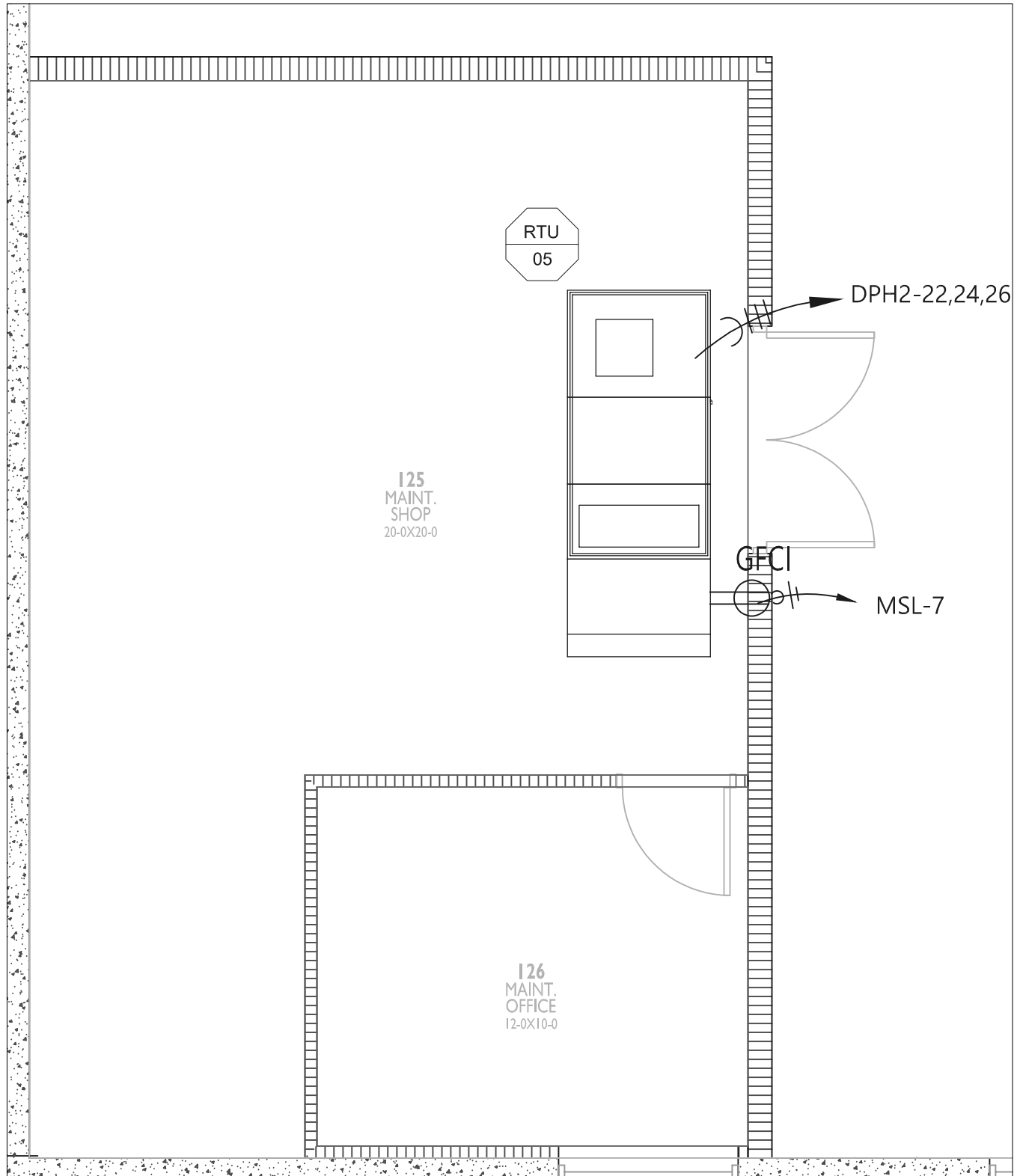




1 Office HVAC Power
scale: 1/8"=1'



2 Cooler HVAC Power
scale: 1/8"=1'

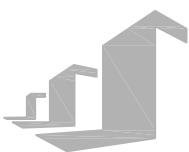


3 Maintenance Office HVAC Power
scale: 1/4"=1'



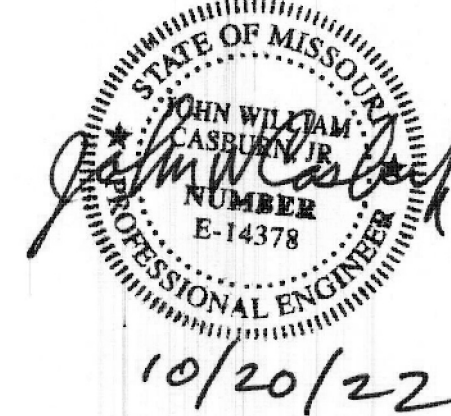
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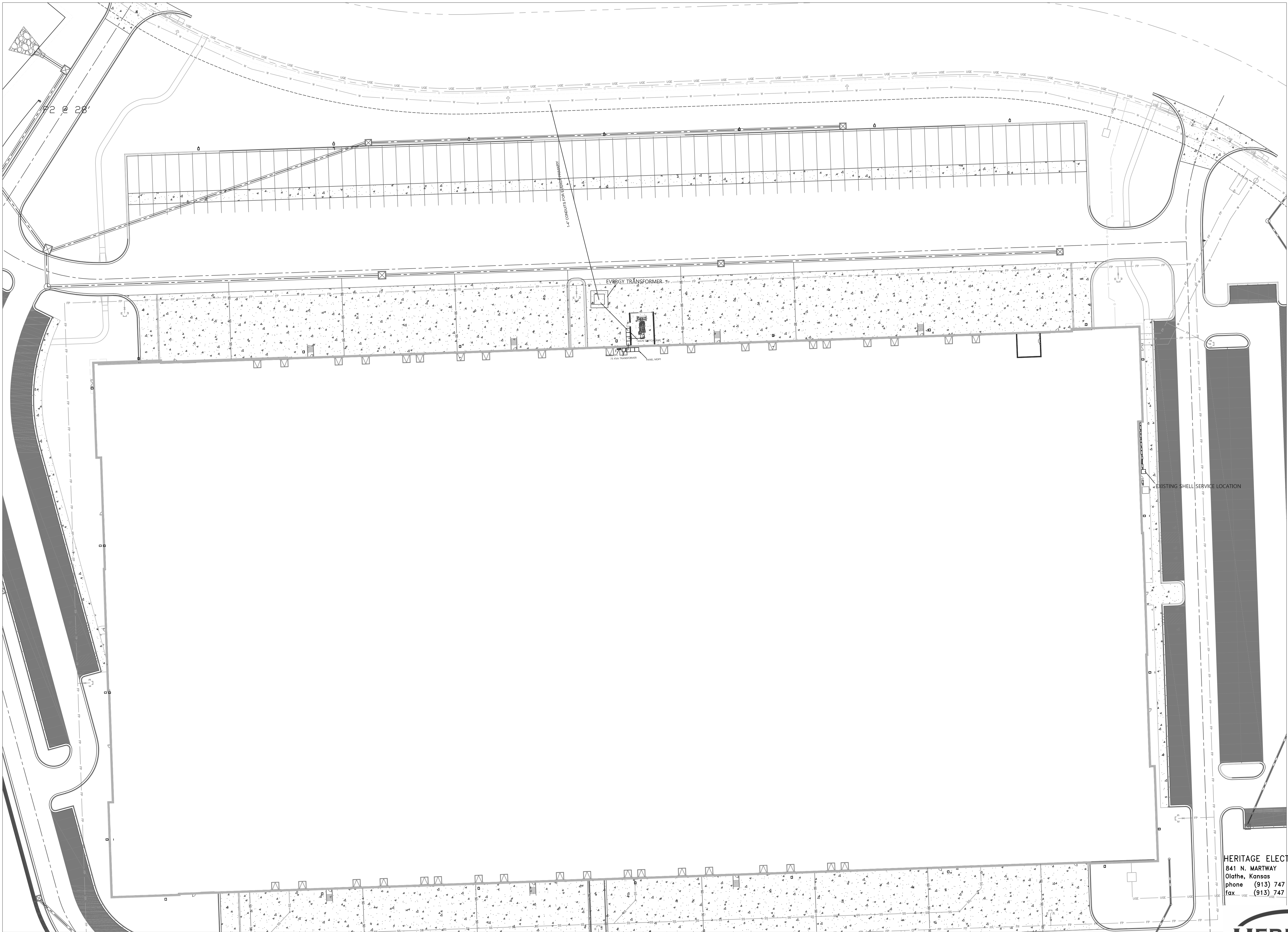
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210300

OFFICE HVAC

E3.I



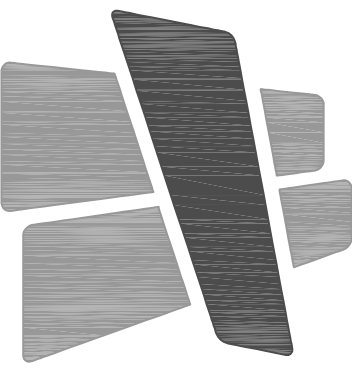
1 Site
scale: N.T.S



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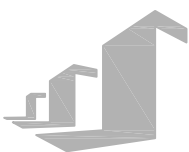
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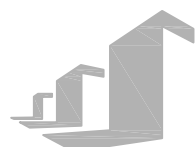
Site

E4.0



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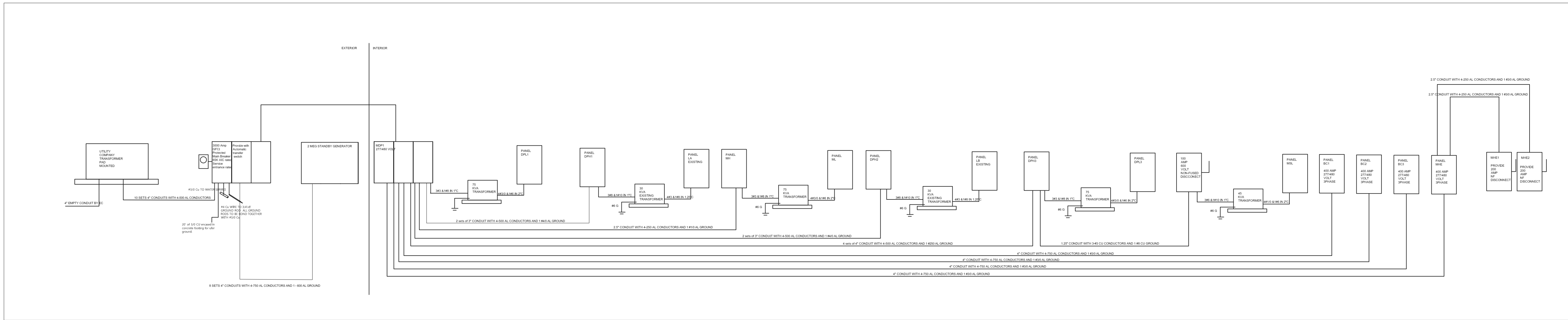
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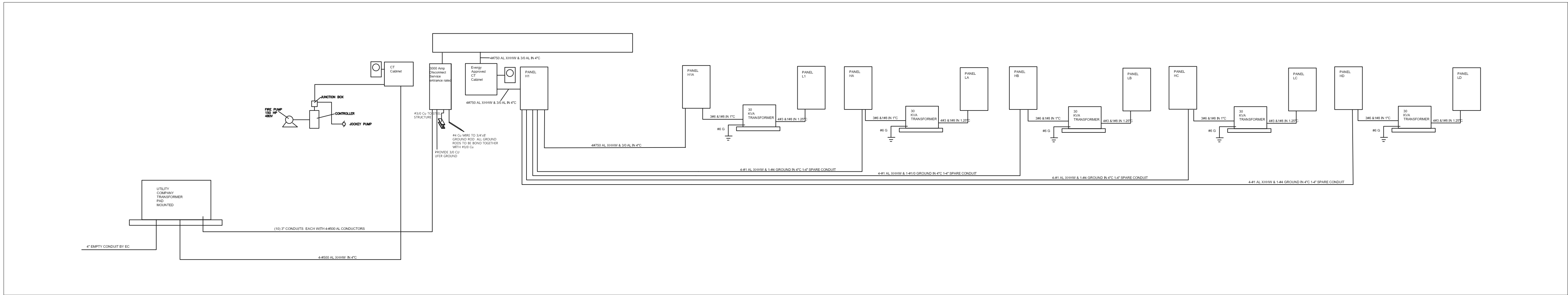
210300

Riser

E5.0



1 Riser
scale: N.T.S



1 Existing Shell Riser Diagram
scale: N.T.S



LIGHT FIXTURE SCHEDULE						
TYPE	MANUFACTURER	CATALOG NO.	LAMPS	MOUNTING	VOLTS	REMARKS
A	Columbia Lighting	CBT24-LS40	LED	CEILING	277	OR EQUAL
A1	Columbia Lighting	CBT22-LS40	LED	CEILING	277	OR EQUAL
B	Columbia Lighting	PEL2-40MV-EDU	LED	CEILING	277	PROVIDE WITH INTEGRAL OCCUPANCY SENSOR
BE	Columbia Lighting	PEL2-40MV-EDU	LED	CEILING	277	SAME AS TYPE B WITH EMERGENCY BALLAST
C	GE Lightng	ABC1X30473Cxxx	LED	CEILING	277	PROVIDE WITH INTEGRAL OCCUPANCY SENSOR
CE	GE Lightng	ABC1X30473Cxxx	LED	CEILING	277	SAME AS TYPE C WITH EMERGENCY BALLAST
D	GE Lightng	ABC1X30475Cxxx	LED	CEILING	277	PROVIDE WITH INTEGRAL OCCUPANCY SENSOR
E	GE Lighting	EWS3-4-E3-D1-40-3-DKBZ	LED	WALL	277	OR EQUAL
DE	GE Lightng	ABC1X30475Cxxx	LED	CEILING	277	SAME AS TYPE D WITH EMERGENCY BALLAST
X1	Compass	CCR	LED	WALL	277	OR EQUAL
RH	Compass	CUWZ-PC	LED	WALL	277	OR EQUAL
EM	Compass	CU2	LED	WALL	277	OR EQUAL
XE	Compass	CCR	LED	WALL	277	EXISTING EXIT/EM LIGHT INSTALLED IN SHELL
ERH	Compass	CUWZ-PC	LED	WALL	277	EXISTING REMOTE HEAD LIGHT INSTALLED IN SHELL

Scope:

Provide electrical for new TI in existing warehouse

All Electrical work shall be as per NEC 2017.

All work shall be done by qualified electricians.

All branch wiring shall be copper.

Devices shall be 20a commercial grade and color shall be by architect.

SPECIFICATIONS

- CONDUIT ABOVE GRADE SHALL BE EMT UNLESS OTHERWISE NOTED
- CONDUIT BELOW GRADE SHALL BE RIGID PVC UNLESS OTHERWISE NOTED
- CONNECTIONS SHALL BE MADE USING SET SCREW CONNECTORS
- MC CABLE IS ACCTEABLE FOR FINAL CONNECTIONS TO LIGHT FIXTURES PROVIDE WITH 10' WHIP ON ALL HIGHWAYS
- BRANCH WIRING SHALL BE #12 THIN COPPER UNLESS OTHERWISE NOTED
- WIRING SHALL BE AS PER CURRENT NEC 2005
- WIRING DEVICES SHALL BE OF COMMERCIAL GRADE RATED AT 20 AMP
- INSTALLATION SHALL ADHERE TO ADA STANDARDS
- ALUMINUM XHHW-#2 CABLE MAY BE USED FOR FEEDERS LARGER THEN #2 OTHERWISE COPPER
- REFER TO KCP&L STANDARDS MANUAL FOR 480 SERVICES
- ALL LIGHTING/EQUIPMENT IN WAREHOUSE SHALL BE MOUNTED TO PROVIDE A MIN OF 36" CLEAR HEIGHT

ELECTRICAL GENERAL NOTES

- WORK INCLUDED. FURNISH ALL LABOR, MATERIAL, SERVICES AND SKILLED SUPERVISION NECESSARY FOR THE CONSTRUCTION, ERECTION, INSTALLATION CONNECTIONS, TESTING AND ADJUSTMENTS OF ALL CIRCUITS AND ELECTRICAL EQUIPMENT SPECIFIED HEREIN, OR NOTED ON THE DRAWINGS, AND ITS DELIVERY TO THE OWNER COMPLETE IN ALL RESPECTS READY FOR USE.
- CONTRACT DRAWINGS THE CONTRACT DRAWINGS ARE SHOWN IN PART DIAGRAMMATIC, INTENDED TO CONVEY THE SCOPE OF WORK, INDICATING THE GENERAL ARRANGEMENT OF EQUIPMENT, CONDUIT AND OUTLETS. VERIFY SPACES FOR THE INSTALLATION OF THE MATERIALS BASED ON ACTUAL DIMENSIONS OF EQUIPMENT FURNISHED. IF A QUESTION EXISTS AS TO THE EXACT INTENDED LOCATION OF OUTLETS OR EQUIPMENT, OBTAIN INSTRUCTIONS FROM THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH WORK.
- MINIMUM SIZE OF CONDUIT SHALL BE 1/2" UNLESS NOTED OTHERWISE.
- ALL WIRING FOR LIGHTING, RECEPTACLE AND POWER CIRCUITS WHERE NOT SHOWN ON DRAWINGS SHALL BE WITH #12 CONDUCTORS, NUMBER AS REQUIRED IN CONDUIT SIZED PER N.E.C. PROVIDE EQUIPMENT GROUNDING CONDUCTOR FOR ALL BRANCH CIRCUITS AND FEEDERS. HOMERUNS TO PANEL SHALL BE IN INDIVIDUAL CONDUITS, UNLESS NOTED OTHERWISE, WITH CIRCUITS AS SHOWN.
- THE USE OF TYPE 'MC' AND TYPE 'AC' CABLE IS PERMITTED IN ALL AREAS PER NEC AND LOCAL CODE REQUIREMENTS.
- THE USE OF ALUMINUM CONDUCTORS WITH AMPACITY EQUIVALENT TO COPPER IS PERMITTED IN ALL AREAS PER NEC REQUIREMENTS.
- ALL JUNCTION BOXES, PULL BOXES, AND PANELBOARDS SHALL BE RIGIDLY ATTACHED TO STRUCTURE.
- COORDINATE ALL WORK WITH OTHER TRADES AND EXISTING CONDITIONS AS REQUIRED TO PROPERLY INSTALL ALL SYSTEMS AS INTENDED, WITHIN THE CONFINES OF THE SPACE AVAILABLE, AND WITHOUT INTERFERENCES.
- ALL CONDUIT, BOXES, ETC. SHALL BE CONCEALED OR MOUNTED FLUSH WITH CEILING OR WALL CONSTRUCTION. CONDUITS SHALL BE MOUNTED AS HIGH AS POSSIBLE. NO SURFACE MOUNTED CONDUIT, BOXES, ETC. WILL BE PERMITTED WITHOUT PERMISSION OF THE ENGINEER PRIOR TO INSTALLATION. ALL CONDUIT PENETRATIONS SHALL BE FIRE-CAULKED AS REQUIRED.



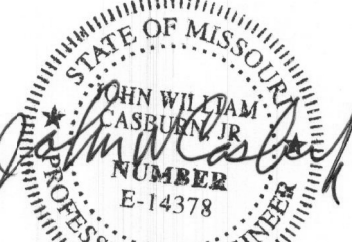
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10/20/22

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PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING A LOT I

NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET 02.18.22
CITY COMMENTS 10.17.22



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210300

Panel Schedule

E6.0

PANEL: MDP1										NEW PANEL									
CCT	SERVICES	VA	OCB	WIRE	PHASE	WIRE	OCB	VA	SERVICES	CCT	VA	OCB	WIRE	PHASE	WIRE	OCB	VA	SERVICES	CCT
1	RTU A	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	4	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	2
3	DOCK EQUIPMENT	400	201	2412 14105	B	2412 14105	201	400	DOCK EQUIPMENT	6	400	201	2412 14105	C	2412 14105	201	400	DOCK EQUIPMENT	4
5	DOCK EQUIPMENT	600	201	2412 14105	C	2412 14105	201	600	DOCK EQUIPMENT	8	600	201	2412 14105	A	4/4L 1485	703	15512	RTU A	6
7	RTU A	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	10	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	8
9	DOCK EQUIPMENT	400	201	2412 14105	B	2412 14105	201	400	DOCK EQUIPMENT	12	400	201	2412 14105	C	2412 14105	201	400	DOCK EQUIPMENT	10
11	DOCK EQUIPMENT	600	201	2412 14105	C	2412 14105	201	600	DOCK EQUIPMENT	14	600	201	2412 14105	A	4/4L 1485	703	15512	RTU A	12
13	RTU A	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	16	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	14
15	DOCK EQUIPMENT	400	201	2412 14105	B	2412 14105	201	400	DOCK EQUIPMENT	18	400	201	2412 14105	C	2412 14105	201	400	DOCK EQUIPMENT	16
17	DOCK EQUIPMENT	600	201	2412 14105	C	2412 14105	201	600	DOCK EQUIPMENT	20	600	201	2412 14105	A	4/4L 1485	703	15512	RTU A	18
19	RTU A	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	22	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	20
21	DOCK EQUIPMENT	400	201	2412 14105	B	2412 14105	201	400	DOCK EQUIPMENT	24	400	201	2412 14105	C	2412 14105	201	400	DOCK EQUIPMENT	22
23	DOCK EQUIPMENT	600	201	2412 14105	C	2412 14105	201	600	DOCK EQUIPMENT	26	600	201	2412 14105	A	4/4L 1485	703	15512	RTU A	24
25	RTU A	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	28	15512	703	4/4L 1485	A	4/4L 1485	703	15512	RTU A	26
27	DOCK EQUIPMENT	400	201	2412 14105	B	2412 14105	201	400	DOCK EQUIPMENT	30	400	201	2412 14105	C	2412 14105	201	400	DOCK EQUIPMENT	28
29	DOCK EQUIPMENT	600	201	2412 14105	C	2412 14105	201	600	DOCK EQUIPMENT	32	600	201	2412 14105	A	4/4L 1485	703	15512	RTU A	30
31	HVLS FAN	1000	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	34	3333	3333	3333	3333	3333	3333	3333	HVLS FAN	32
33	HVLS FAN	1000	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	36	3333	3333	3333	3333	3333	3333	3333	HVLS FAN	34
35	HVLS FAN	1000	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	38	3333	3333	3333	3333	3333	3333	3333	HVLS FAN	36
37	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	40	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	38
39	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	42	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	40
41	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	44	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	42
43	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	46	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	44
45	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	48	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	46
47	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	50	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	48
49	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	52	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	50
51	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	54	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	52
53	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	56	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	54
55	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	58	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	56
57	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	60	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	58
59	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	62	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	60
61	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	64	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	62
63	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	66	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	64
65	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	68	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	66
67	AIR CURTAIN	3333	201	4/12 14105	A	4/12 14105	201	3333	AIR CURTAIN	70	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	68
69	AIR CURTAIN	3333	201	4/12 14105	B	4/12 14105	201	3333	AIR CURTAIN	72	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	70
71	AIR CURTAIN	3333	201	4/12 14105	C	4/12 14105	201	3333	AIR CURTAIN	74	3333	3333	3333	3333	3333	3333	3333	AIR CURTAIN	72
73	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC1	76	35456	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC1	74
75	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC2	78	35456	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC2	76
77	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC3	80	35456	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC3	78
79	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC4	82	35456	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC4	80
81	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC5	84	35456	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC5	82
83	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC6	86	35456	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC6	84
85	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC7	88	35456	4003	4/750 AL 1430 AL G	A	4/750 AL 1430 AL G	4003	35456	BC7	86
87	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC8	90	35456	4003	4/750 AL 1430 AL G	B	4/750 AL 1430 AL G	4003	35456	BC8	88
89	PANEL WIRE EQUIPMENT	88640	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC9	92	35456	4003	4/750 AL 1430 AL G	C	4/750 AL 1430 AL G	4003	35456	BC9	90
91	WAREHOUSE LIGHTS	1260	201	3/12 14105	A	3/12 14105	201	1260	WAREHOUSE LIGHTS	94	1260	201	3/12 14105	A	3/12 14105	201	1260	WAREHOUSE LIGHTS	92
93	WAREHOUSE LIGHTS	1260	201	3/12 14105	B	3/12 14105	201	1260	WAREHOUSE LIGHTS	96	1260	201	3/12 14105	B	3/12 14105	201	1260	WAREHOUSE LIGHTS	94
95	WAREHOUSE LIGHTS	1260	201	3/12 14105	C	3/12 14105	201	1260	WAREHOUSE LIGHTS	98	1260	201	3/12 14105	C	3/12 14105	201	1260	WAREHOUSE LIGHTS	96
97	TRANSFORMER	1003	0/3	1/805	A	3/12 14105	201	2110	WAREHOUSE LIGHTS	100	2110	201	3/12 14105	A	3/12 14105	201	2110	WAREHOUSE LIGHTS	98
99	TRANSFORMER	1003	0/3	1/805	B	3/12 14105	201	2110	WAREHOUSE LIGHTS	102	2110	201	3/12 14105	B	3/12 14105	201	2110	WAREHOUSE LIGHTS	100
101	TRANSFORMER	1003	0/3	1/805	C	3/12 14105	201	2110	WAREHOUSE LIGHTS	104	2110	201	3/12 14105	C	3/12 14105	201	2110	WAREHOUSE LIGHTS	102
NOTES:										LOAD SUMMARY									
1 NEMA 1 ENCLOSURE										LIGHTING									
2 PROVIDE BOLT ON BREAKERS										RECEPTACLES									
3										SKITCHEN									
4										44VAC									
5										SNAK-CONT									
6										LARGEST MOTOR									
7										TOTAL VA									
8										TOTAL AMP									

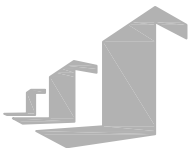


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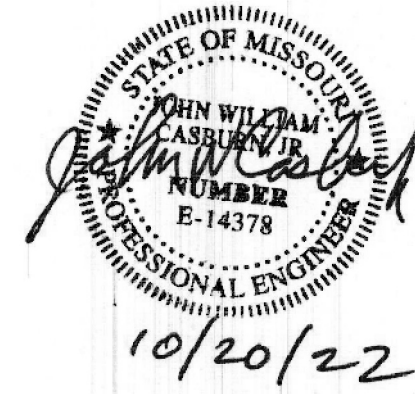
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PROJECT INFORMATION

LEE'S SUMMIT LOGISTICS
BUILDING A LOT I

NW CORNER OF
NE TUDOR RD & MAIN ST
LEE'S SUMMIT, MO 64086

ISSUE DATES

PERMIT SET	02.18.22
CITY COMMENTS	10.17.22



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210300

Panel Schedule

E6.I

PANEL: LA 100 MLO 120/ 208 V, 3PH, 4W.+GRND. EXISTING											
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES		CCT
1	RECEP	600	201	2#12,1#10S	A	2#12,1#10S	201	200	LIGHTS		2
3	FCU-1	1248	152	2#12,1#10S	B	2#12,1#10S	201	200	DRY RECEPT		4
5		1248	201		C	2#12,1#10S	201		SFAPR		6
7	DOCK RECEP	800	201	2#12,1#10S	A	2#12,1#10S	201		SFAPR		8
9	DOCK RECEP	800	201	2#12,1#10S	B	2#12,1#10S	201		SFAPR		10
11	DOCK RECEP	800	201	2#12,1#10S	C	2#12,1#10S	201		SFAPR		12
13	SFAPR	201	201	2#12,1#10S	A	2#12,1#10S	201		SFAPR		14
15	SFAPR		201	2#12,1#10S	B	2#12,1#10S	201		SFAPR		16
17					C						18
19					A						20
21					B						22
23					C						24
25					A						26
27					B						28
29					C						30
31					A						32
33					B						34
35					C						36
37					A						38
39					B						40
41					C						42

NOTES:		LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1 NEMA 1 ENCLOSURE		1 LIGHTING	200	1.25	200	PHASE A	1800
2 PROVIDE BOLT ON BREAKERS		2 RECEPTACLES	586	NEC	586	PHASE B	2246
3		3 KITCHEN	0	0.65	0	PHASE C	2246
		4 HVAC	200	1	200	LOWEST PHASE PLUS 10%	
		5 SNOW CONT	0	1	0	1800	+ 10%
		6 LARGEST MOTOR	0	0.25	0	REBALANCE LOADS	1800
		TOTAL VA	6266				1800
		TOTAL AMPS	16.9				17.1

PANEL: BC1 400 MLO 277/ 480 V, 3PH, 4W.+GRND. NEW PANEL											
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES		CCT
1	BATTERY CHARGER	4432	303	3#10,1#10S	A	3#10,1#10S	303	4432	BATTERY CHARGER		2
3	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		4
5	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		6
7	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		8
9	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		10
11	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		12
13	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		14
15	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		16
17	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		18
19	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		20
21	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		22
23	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		24
25	BATTERY CHARGER	4432			A			4432	BATTERY CHARGER		26
27					B						28
29					C						30
31					A						32
33					B						34
35					C						36
37					A						38
39					B						40
41					C						42

NOTES:		LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1 NEMA 1 ENCLOSURE		1 LIGHTING	0	1.25	0	PHASE A	35456
2 PROVIDE BOLT ON BREAKERS		2 RECEPTACLES	0	NEC	0	PHASE B	35456
3		3 KITCHEN	0	0.65	0	PHASE C	35456
		4 HVAC	0	1	0	LOWEST PHASE PLUS 10%	
		5 SNOW CONT	106368	1	106368	35456	+ 10%
		6 LARGEST MOTOR	0	0.25	0	PHASES ARE BALANCED	35001.6
		TOTAL VA	106368				106368
		TOTAL AMPS	127.9				127.9

PANEL: BC2 400 MLO 277/ 480 V, 3PH, 4W.+GRND. NEW PANEL											
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES		CCT
1	BATTERY CHARGER	4432	303	3#10,1#10S	A	3#10,1#10S	303	4432	BATTERY CHARGER		2
3	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		4
5	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		6
7	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		8
9	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		10
11	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		12
13	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		14
15	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		16
17	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		18
19	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		20
21	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		22
23	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		24
25	BATTERY CHARGER	4432			A			4432	BATTERY CHARGER		26
27					B						28
29					C						30
31					A						32
33					B						34
35					C						36
37					A						38
39					B						40
41					C						42

NOTES:		LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1 NEMA 1 ENCLOSURE		1 LIGHTING	0	1.25	0	PHASE A	35456
2 PROVIDE BOLT ON BREAKERS		2 RECEPTACLES	0	NEC	0	PHASE B	35456
3		3 KITCHEN	0	0.65	0	PHASE C	35456
		4 HVAC	0	1	0	LOWEST PHASE PLUS 10%	
		5 SNOW CONT	106368	1	106368	35456	+ 10%
		6 LARGEST MOTOR	0	0.25	0	PHASES ARE BALANCED	35001.6
		TOTAL VA	106368				106368
		TOTAL AMPS	127.9				127.9

PANEL: BC3 400 MLO 277/ 480 V, 3PH, 4W.+GRND. NEW PANEL											
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES		CCT
1	BATTERY CHARGER	4432	303	3#10,1#10S	A	3#10,1#10S	303	4432	BATTERY CHARGER		2
3	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		4
5	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		6
7	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		8
9	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		10
11	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		12
13	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		14
15	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		16
17	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		18
19	BATTERY CHARGER	4432	303	3#12,1#10S	A	3#12,1#10S	303	4432	BATTERY CHARGER		20
21	BATTERY CHARGER	4432			B			4432	BATTERY CHARGER		22
23	BATTERY CHARGER	4432			C			4432	BATTERY CHARGER		24
25					A						26
27					B						28
29					C						30
31					A						32
33					B						34
35					C						36
37					A						38
39					B						40
41					C						42

NOTES:		LOAD SUMMARY	CONN	NEC	DEM	LOAD BALANCE PER PHASE	
1 NEMA 1 ENCLOSURE		1 LIGHTING	0	1.25	0	PHASE A	35456
2 PROVIDE BOLT ON BREAKERS		2 RECEPTACLES	0	NEC	0	PHASE B	35456
3		3 KITCHEN	0	0.65	0	PHASE C	35456
		4 HVAC	0	1	0	LOWEST PHASE PLUS 10%	
		5 SNOW CONT	106368	1	106368	35456	+ 10%
		6 LARGEST MOTOR	0	0.25	0	PHASES ARE BALANCED	35001.6
		TOTAL VA	106368				106368
		TOTAL AMPS	127.9				127.9

PANEL: MH					200A MLO 277/ 480 V,3PH,4W.+GRND.			NEW PANEL				
CCT	SERVICES	VA	DCP	WIRE	PHASE	WIRE	DCP	VA	SERVICES		CCT	
1	RDU 1	4155	203	3#10,1#10S	A	3#10,1#10S	203	4155	RDU 2		2	
3	RDU 1	4155			B			4155	RDU 2		4	
5	RDU 1	4155			C			4155	RDU 2		6	
7	RDU 3	4155	203	3#10,1#10S	A	3#10,1#10S	203	4155	RDU 4		8	
9	RDU 3	4155			B			4155	RDU 4		10	
11	RDU 3	4155			C			4155	RDU 4		12	
13	OFFICE LIGHTS	1800	201	2#12,1#10S	A	2#12,1#10S	201	1800			14	
15	OFFICE LIGHTS	1800	201	2#12,1#10S	B	2#12,1#10S	201	1800			16	
17			201	2#12,1#10S	C	2#12,1#10S	201	1800			18	
19			201	2#12,1#10S	A	2#12,1#10S	201	1800			20	
21			201	2#12,1#10S	B	2#12,1#10S	201	1800			22	
23			201	2#12,1#10S	C	2#12,1#10S	201	1800			24	
25			201	2#12,1#10S	A						26	
27					B						28	
29					C						30	
31					A						32	
33		-			B						34	
35		-			C						36	
37	TRANSFORMER	A	1003	3#2,1#8S	A	-	-				38	
39	TRANSFORMER				B	-	-				40	
41	TRANSFORMER	-	-		C	-	-				42	

NOTE:	LOAD SUMMARY				CONN	NEC	DEM	LOAD BALANCE PER PHASE		
1	NEMA 1 ENCLOSURE	LIGHTING	3000	1.35	480V	PHASE A				1620
2	PROVIDE BOLT ON BREAKERS	DISCREET ACLES	1	NEC	480V	PHASE B				1680
3		3X1TCHEN	0	0.65	480V	PHASE C				1620
		4W4WC	40000	1	40000	LOWEST PHASE PLUS 10%				
		SAGROCONT	1	1	1	1800				1680
		LARGEST MOTOR	0	0.25	0	RESIDUAL LOADS				
		TOTAL VA	53400		54310					
		TOTAL AMPS	64.3		65.3					