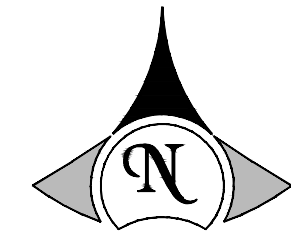
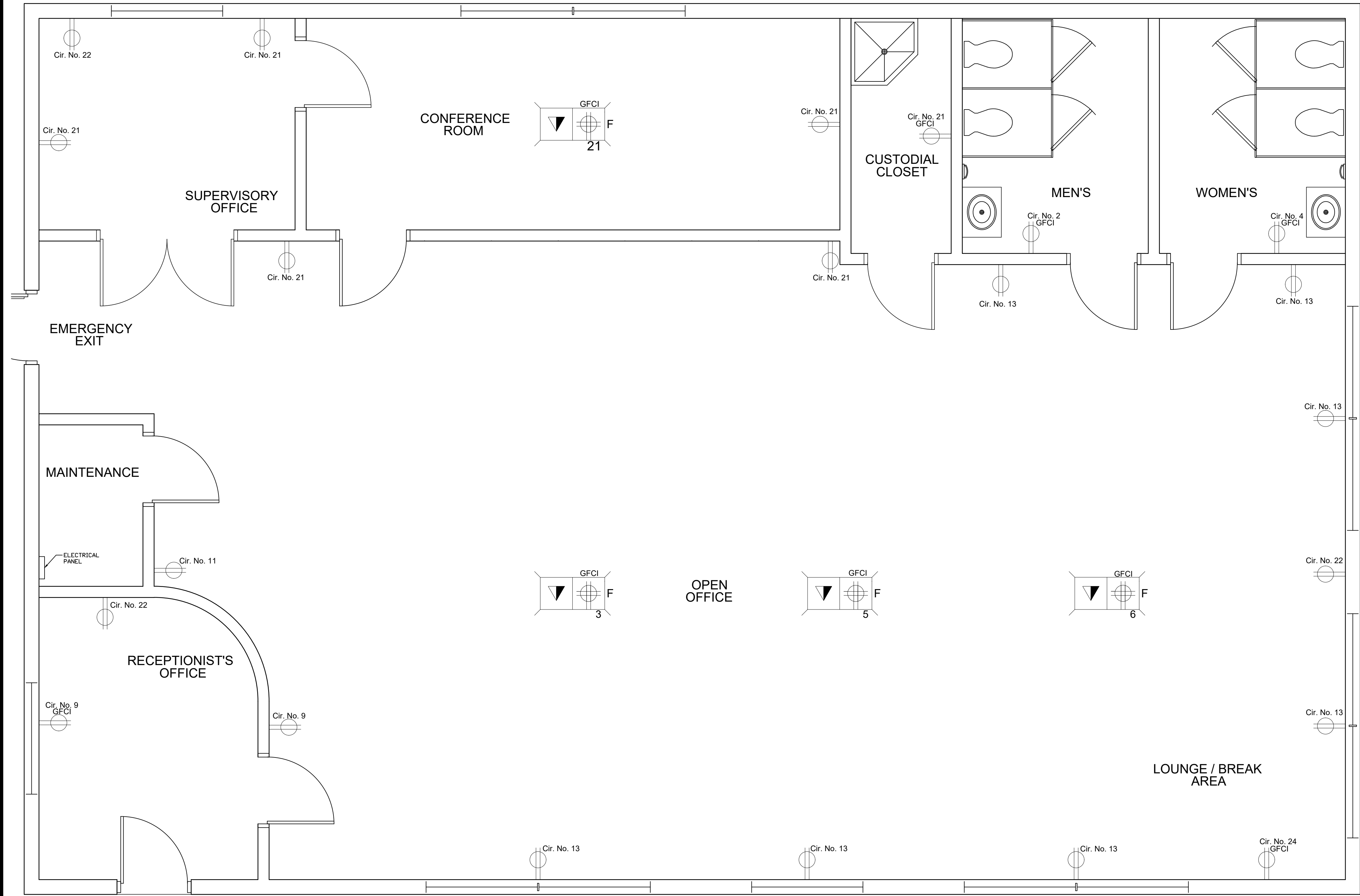
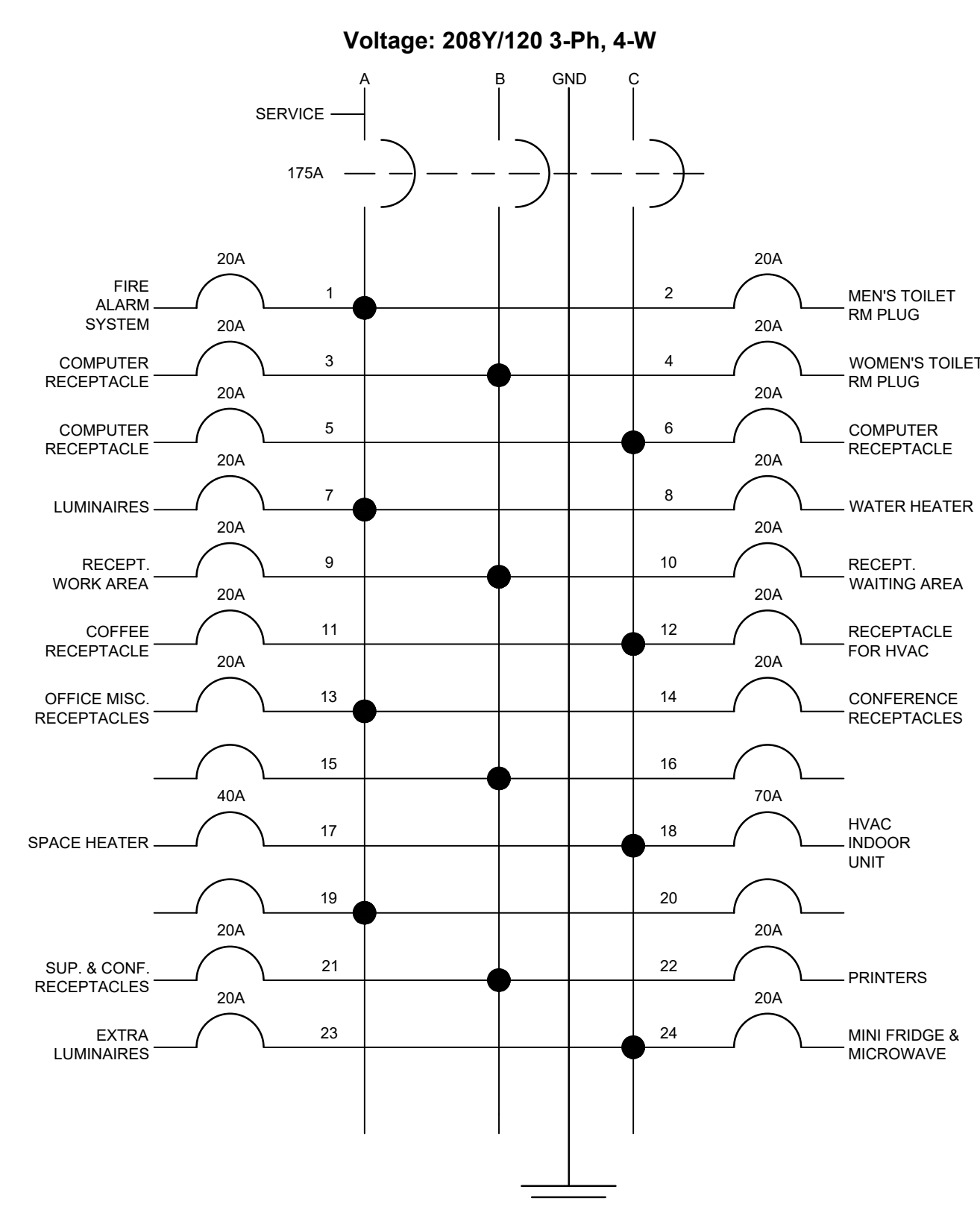


FILE NAME: High1\AutoCAD\15-26 Insurance Company Power Plan.dwg PLOTTED DATE: 4/16/2025 9:45 AM PLOTTED BY: Carter Hoag



ELECTRICAL PLAN

SCALE: 3/8" = 1'-0"



WIRING SCHEMATIC

SCALE: = NTS

Panel: Maintenance			Voltage: 208Y/120 3-Ph, 4-W						175 Amp		
Enclosure: Flush			Location: South-West corner of Maintenance room						Fed From: Main Service		
Cir	Load Name	Bkr Trip	Load (VA)						Bkr Trip	Load Name	Cir
			Phase A		Phase B		Phase C				
1	Fire Alarm System	20	750	615					20	Men's Toilet Rm Plug	2
3	Computer Receptacle	20			1200	615			20	Women's Toilet Rm Plug	4
5	Computer Receptacle	20					1200	1200	20	Computer Receptacle	6
7	Luminaires	20	1780	2063					20	Water Heater	8
9	Recept. Work Area	20			1260	1080			20	Recept. Waiting Area	10
11	Coffee Receptacle	20					1200	1500	20	Receptacle for HVAC	12
13	Office Misc. Receptacles	20	1080	720					20	Conference Receptacle	14
15	Space Heater	40			4167	6315			70	HVAC Indoor Unit	16
17						4167	6315	18			
19			4167	6315				20			
21	Sup. & Conf. Receptacles	20			720	720			20	Printers	22
23	Extra Luminaires	20					1780	3300	20	Mini Fridge & Microwave	24
Total Load (VA)			17,490		16,077		20,662		AVG. VAS: 18,076		
Amperes per phase:			145.8		134.0		172.2		AVG. AMPS: 151.0		

NEC 240.6 (A)

PANEL SCHEDULE

SCALE: = NTS

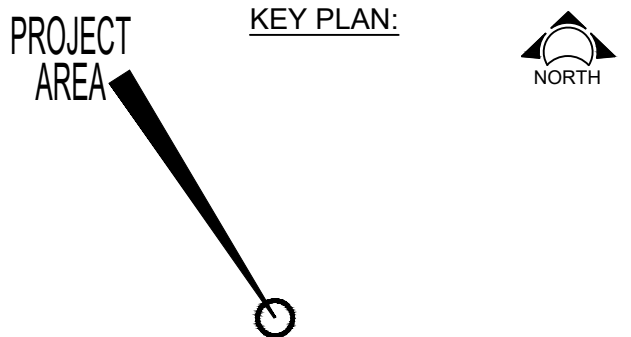
CONSULTANT DRAWING NUMBER:  
FOR MENTORING ONLY

BWL DRAWING NUMBER:  
MA-#CJH

REVISION:  
2



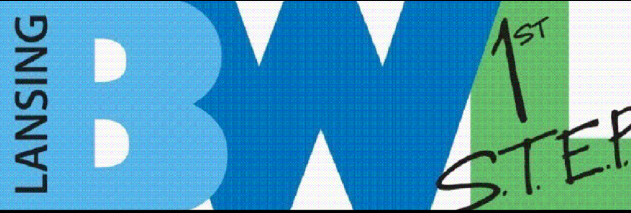
PROJECT ENGINEERING DEPARTMENT  
1201 S. WASHINGTON AVE., LANSING, MICHIGAN 48910



REVISIONS:

REV	DESCRIPTION	BY	CHK	APP	DATE
A	PRELIMINARY FOR REVIEW	-	-	-	XX-XX-XX
B	PRELIMINARY FOR BID	-	-	-	XX-XX-XX
D	FOR CONSTRUCTION	-	-	-	XX-XX-XX
T	AS-BUILT	-	-	-	XX-XX-XX

DRAWING STATUS



DATE: 4/26/2025 DWG BY: CJH  
CHK BY: OWEN FEDEWA APPR BY: TECH LEADER  
PRGM NO: 1ST S.T.E.P. STATUS: RECORD

PROJECT NAME:  
2025 PED-1ST S.T.E.P.  
CARTER HOAG

DRAWING TITLE:  
INSURANCE BUILDING  
POWER PLAN

SITE: -  
STR./AREA: -  
DISCIPLINE: -  
FLOOR: -