

ELECTRICAL SYMBOL LEGEND

Table with columns: BASIC MATERIALS, FIRE ALARM / DETECTION SYSTEM, VOICE AND DATA RACEWAY SYSTEM, TELEPHONE/COMPUTER RACEWAY SYSTEM, TELEVISION RACEWAY DISTRIBUTION SYSTEM, PAGING SYSTEM & BACKGROUND MUSIC, NURSE CALL SYSTEMS, INTERCOM SYSTEM, AUDIO/VIDEO RACEWAY SYSTEM, AREA OF RESCUE ASSISTANCE SYSTEM, ACCESS CONTROL / CCTV RACEWAY SYSTEM, DICTATION RACEWAY SYSTEM, and ABBREVIATIONS (CONT.).

NOTE: SOME SYMBOLS SHOWN ON THIS LEGEND MAY NOT PERTAIN TO THIS PROJECT.

C:\Users\mason\Documents\20241126\_Grady\_Health\_Cafeteria\_Renov\MEP\_R01\_mstr.mason\BIM\NMT



Panel: 2CEBA EXISTING												
Location:		Mounting: SURFACE		Dist. / Phase / Wires: 208Y/120V / 3 / 4		K.A.I.C. Rating:		BUS Rating: 100 A		EXISTING		
Supply From:		Enclosure: TYPE 1		Max Height Busing: Yes		Mains Type: MCB		MCB Rating:				
KN / CKT	Circuit Description	Trip(A)	P	A (KVA)	B (KVA)	C (KVA)	P	Trip(A)	Circuit Description	CKT	KN	
1	LIGHTS 2E02A, 2E02B	20	1	1,920	1,920		1	20	REC 2E02A WIREMOLD	2	20	
3	LIGHTS 2E02A, 2E02B	20	1		1,920	1,920		1	REC 2E02A WIREMOLD	4	4	
5	REC OSPY CASE CAFETERIA	20	1			1,920	1,920		REC 2E02A WORK STATION	6	6	
7	REC WORKSTATION 2E02A	20	1	1,920	1,920		1	20	REC 2E02A WORK STATION	8	8	
9	REC WORKSTATION 2E02A	20	1		1,920	1,920		1	REC 2E02A WORK STATION	10	10	
11	REC OSPY CASE CAFETERIA	20	1			1,920	1,920		REC 2E02A WORK STATION	12	12	
13	REC 2E02B COMMAND CENTER	20	1	1,920	1,920		1	20	REC 2E02A PROJECTOR	14	14	
15	REC WORKSTATION 2E02A	20	1		1,920	1,920		1	REC 2E02A TV	16	16	
17	REC WORKSTATION 2E02A	20	1			1,920	1,920		REC 2E02A PROJECTOR SCREEN	18	18	
19	REC 2E02A QUAD WORK STATION	20	1	1,920	--	--	--	1	--	Space	20	
21	REC 2E02A QUAD WORK STATION	20	1	--	--	--	--	1	--	Space	22	
23	REC 2E02A	20	1	--	--	--	--	1	--	Space	24	
25	REC 2E02B COMMAND CENTER	20	1	1,920	3,840	--	--	1	--	Space	26	
27	Space	--	1	--	--	--	--	3	40	EXHAUSE FAN 4TH FLOOR ROOF 12	28	
29	Space	--	1	--	--	--	--	1	--	Space	30	
31	REC	20	1	1,920	--	--	--	1	--	Space	32	
33	WRS NEW BUILDING 2ND FLOOR	20	1	--	--	--	--	1	--	Space	34	
35	WRS NEW BUILDING 1ST FLOOR	20	1	--	--	--	--	1	--	Space	36	
37	Space	--	1	--	--	--	--	1	--	Space	38	
39	Space	--	1	--	--	--	--	1	--	Space	40	
41	Space	--	1	--	--	--	--	1	--	Space	42	
Connected Phase Load (KVA)		21.120		19.200		19.200						
Connected Phase Amps (A)		176.000		160.000		160.000						
Load Classification		Connected Load	Demand Factor	Demand Load	Panel Totals							
EQUIPMENT		3840 VA	100.00%	3840 VA	Total Connected Load (KVA): 59.520							
LIGHTING		3840 VA	100.00%	3840 VA	Total Demand Load (KVA): 47.240							
RECEPTACLE		40320 VA	62.40%	25160 VA	Total Demand Current (A): 131							
MOTORS		11520 VA	125.00%	14400 VA								

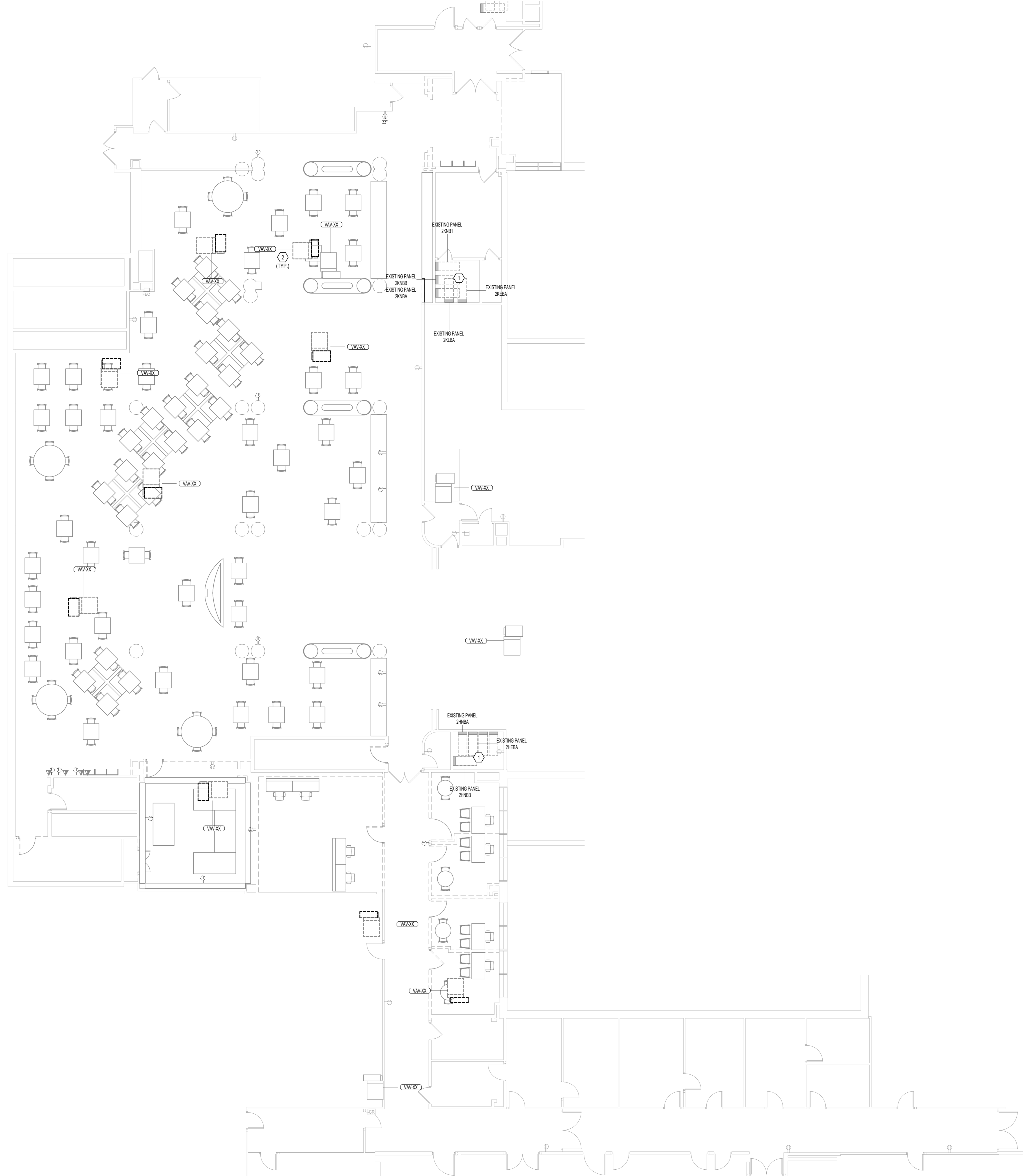
Panel: 2CNBB EXISTING												
Location:		Mounting: SURFACE		Dist. / Phase / Wires: 208Y/120V / 3 / 4		K.A.I.C. Rating:		BUS Rating: 100 A		EXISTING		
Supply From:		Enclosure: TYPE 1		Max Height Busing: Yes		Mains Type: MCB		MCB Rating:				
KN / CKT	Circuit Description	Trip(A)	P	A (KVA)	B (KVA)	C (KVA)	P	Trip(A)	Circuit Description	CKT	KN	
1	VAV	20	1	1,920	1,920		1	20	REC 2007-B	2	2	
3	REC 2007 BREAK AREA	20	1		1,920	1,920		1	REC 2007-C	4	4	
5	REC RESTROOM IN 2007	20	1			1,920	1,920		REC 2007-D	6	6	
7	LIGHTING 2007 RESTROOM CORRIDOR, 2007-B, -C	20	1	1,920	1,920		1	20	REC 2007 CORRIDOR	8	8	
9	EXISTING CIRCUIT	20	1		1,920	1,920		1	REC 2007-C	10	10	
11	EXISTING CIRCUIT	20	1			1,920	1,920		REC 2007-F	12	12	
13	EXISTING CIRCUIT	20	1	1,920	1,920		1	20	EXISTING CIRCUIT	14	14	
15	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	16	16	
17	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	18	18	
19	EXISTING CIRCUIT	20	1	1,920	1,920		1	20	EXISTING CIRCUIT	20	20	
21	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	22	22	
23	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	24	24	
25	Space	--	1	--	--	--	--	1	--	Space	26	
27	Space	--	1	--	--	--	--	1	--	Space	28	
29	Space	--	1	--	--	--	--	1	--	Space	30	
31	Space	--	1	--	--	--	--	1	--	Space	32	
33	Space	--	1	--	--	--	--	1	--	Space	34	
35	Space	--	1	--	--	--	--	1	--	Space	36	
37	Space	--	1	--	--	--	--	1	--	Space	38	
39	Space	--	1	--	--	--	--	1	--	Space	40	
41	Space	--	1	--	--	--	--	1	--	Space	42	
Connected Phase Load (KVA)		15.360		15.360		15.360						
Connected Phase Amps (A)		126.000		126.000		126.000						
Load Classification		Connected Load	Demand Factor	Demand Load	Panel Totals							
LIGHTING		1920 VA	100.00%	1920 VA	Total Connected Load (KVA): 46.880							
RECEPTACLE		44160 VA	61.32%	27080 VA	Total Demand Load (KVA): 29.000							
					Total Demand Current (A): 80							

Panel: 2HNBB EXISTING												
Location:		Mounting: SURFACE		Dist. / Phase / Wires: 208Y/120V / 3 / 4		K.A.I.C. Rating:		BUS Rating: 100 A		EXISTING		
Supply From:		Enclosure: TYPE 1		Max Height Busing: Yes		Mains Type: MCB		MCB Rating:				
KN / CKT	Circuit Description	Trip(A)	P	A (KVA)	B (KVA)	C (KVA)	P	Trip(A)	Circuit Description	CKT	KN	
1	SERVRY LIGHTS	20	1	1,920	0.000		1	20	Space	2	2	
3	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	4	4	
5	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	6	6	
7	EXISTING CIRCUIT	20	1	1,920	1,920		1	20	EXISTING CIRCUIT	8	8	
9	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	10	10	
11	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	12	12	
13	Space	20	1	0.000	0.000		1	20	Space	14	14	
15	Space	20	1		0.000	0.000		1	Space	16	16	
17	Space	20	1			0.000	1,920		BEVERAGE COOLER	18	18	
19	Space	20	1	0.000	1,920		1	20	BEVERAGE COOLER	20	20	
21	Space	20	1		0.000	--	--	1	--	Space	22	
23	Space	--	1	--	--	--	--	1	--	Space	24	
25	Space	20	1	0.000	--	--	--	1	--	Space	26	
27	Space	20	1		0.000	--	--	1	--	Space	28	
29	Space	--	1	--	--	--	--	1	--	Space	30	
31	Space	--	1	--	--	--	--	1	--	Space	32	
33	Space	--	1	--	--	--	--	1	--	Space	34	
35	Space	--	1	--	--	--	--	1	--	BEVERAGE COOLER	36	
37	Space	--	1	--	0.000	--	--	1	20	Space	38	
39	Space	--	1	--	--	--	--	1	20	BEVERAGE COOLER	40	
41	Space	--	1	--	--	--	--	1	20	EXISTING CIRCUIT	42	
Connected Phase Load (KVA)		7.680		9.600		13.440						
Connected Phase Amps (A)		64.000		82.462		114.462						
Load Classification		Connected Load	Demand Factor	Demand Load	Panel Totals							
LIGHTING		3760 VA	100.00%	3760 VA	Total Connected Load (KVA): 30.720							
RECEPTACLE		15360 VA	82.55%	12680 VA	Total Demand Load (KVA): 28.040							
HVAC		8600 VA	100.00%	8600 VA	Total Demand Current (A): 78							

Panel: 2HNBB EXISTING												
Location:		Mounting: SURFACE		Dist. / Phase / Wires: 208Y/120V / 3 / 4		K.A.I.C. Rating:		BUS Rating: 100 A		EXISTING		
Supply From:		Enclosure: TYPE 1		Max Height Busing: Yes		Mains Type: MCB		MCB Rating:				
KN / CKT	Circuit Description	Trip(A)	P	A (KVA)	B (KVA)	C (KVA)	P	Trip(A)	Circuit Description	CKT	KN	
1	SERVRY LIGHTS	20	1	1,920	0.000		1	20	Space	2	2	
3	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	4	4	
5	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	6	6	
7	EXISTING CIRCUIT	20	1	1,920	1,920		1	20	EXISTING CIRCUIT	8	8	
9	EXISTING CIRCUIT	20	1		1,920	1,920		1	EXISTING CIRCUIT	10	10	
11	EXISTING CIRCUIT	20	1			1,920	1,920		EXISTING CIRCUIT	12	12	
13	Space	20	1	0.000	0.000		1	20	Space	14	14	
15	Space	20	1		0.000	0.000		1	Space	16	16	
17	Space	20	1			0.000	1,920		BEVERAGE COOLER	18	18	
19	Space	20	1	0.000	1,920		1	20	BEVERAGE COOLER	20	20	
21	Space	20	1		0.000	--	--	1	--	Space	22	
23	Space	--	1	--	--	--	--	1	--	Space	24	
25	Space	20	1	0.000	--	--	--	1	--	Space	26	
27	Space	20	1		0.000	--	--	1	--	Space	28	
29	Space	--	1	--	--	--	--	1	--	Space	30	
31	Space	--	1	--	--	--	--	1	--	Space	32	
33	Space	--	1	--	--	--	--	1	--	Space	34	
35	Space	--	1	--	--	--	--	1	20	BEVERAGE COOLER	36	
37	Space	--	1	--	0.000	--	--	1	20	Space	38	
39	Space	--	1	--	--	--	--	1	20	BEVERAGE COOLER	40	
41	Space	--	1	--	--	--	--	1	20	EXISTING CIRCUIT	42	
Connected Phase Load (KVA)		7.680		9.600		13.440						
Connected Phase Amps (A)		64.000		82.462		114.462						
Load Classification		Connected Load	Demand Factor	Demand Load	Panel Totals							
LIGHTING		3760 VA	100.00%	3760 VA	Total Connected Load (KVA): 30.720							
RECEPTACLE		15360 VA	82.55%	12680 VA	Total Demand Load (KVA): 28.040							
HVAC		8600 VA	100.00%	8600 VA	Total Demand Current (A): 78							

Panel: 2CLBA EXISTING												
Location:		Mounting: SURFACE		Dist. / Phase / Wires: 208Y/120V / 3 / 4		K.A.I.C. Rating:		BUS Rating: 100 A		EXISTING		
Supply From:		Enclosure: TYPE 1		Max Height Busing: Yes		Mains Type: MCB		MCB Rating:				
KN / CKT	Circuit Description	Trip(A)	P	A (KVA)	B (KVA)	C (KVA)	P	Trip(A)	Circuit Description	CKT	KN	
1	EMERGENCY & EXIT LIGHTS 2007-A, -B, -C, -D, -E, -F	20	1	1,920	1,920		1	20	EXIT LIGHTS "C" AREA	2	2	
3	F80 "C" CORRIDOR	20	1		1,920	1,920		1	--	Space	4	4
5	REC 2007B	20	1			1,920	--	1	--	Space	6	6
7	Space	--	1	--	--	--	--	1	--	Space	8	8
9	Space	--	1	--	--	--	--	1	--	Space	10	10
11	Space	--	1	--	--	--	--	1	--	Space	12	12
13	Space	--	1	--	1,920	--	--	1	REC 2E005	14	14	
15	Space	--	1	--	--	--	1,920	1	REC 2E005	16	16	
17	Space	--	1	--	--	--	--	1	--	Space	18	18
19	Space	--	1	--	--	--	--	1	--	Space	20	20
21	Space	--	1	--	--	--	--	1	--	Space	22	22
23	Space	--	1	--	--	--	--	1	--	Space	24	24
25	Space	--	1	--	--	--	--	1	--	Space	26	26
27	Space	--	1	--	--	--	--	1	--	Space	28	28
29	Space	--	1	--	--	--	--	1	--	Space	30	30
31	Space	--	1									

KEYNOTES	
1	EXISTING ELECTRICAL PANEL(S) TO REMAIN. ELECTRICAL CONTRACTOR TO FIELD VERIFY EXISTING CONDUCTORS AND OVERCURRENT PROTECTION DEVICES ARE ADEQUATE FOR MODIFICATION PRIOR TO BEGINNING WORK.
2	DEMOLISH EXISTING CIRCUIT SERVING EXISTING HVAC UNIT TO NEAREST JUNCTION BOX SERVING PANEL. AS REQUIRED, TURN OFF CORRESPONDING BREAKER IN EXISTING PANEL AND LABEL AS "SPARE". WIRING ABOVE CEILING TO BE COMPLETELY REMOVED.



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

GRADY HEALTH  
80 JESSE HILL JR DRIVE

**CAFETERIA RENOVATION**

**PROGRESS BID SET**

**11/26/2024 24.0128**

**SECOND FLOOR  
ELECTRICAL DEMOLITION  
PLAN**

**E1.01**

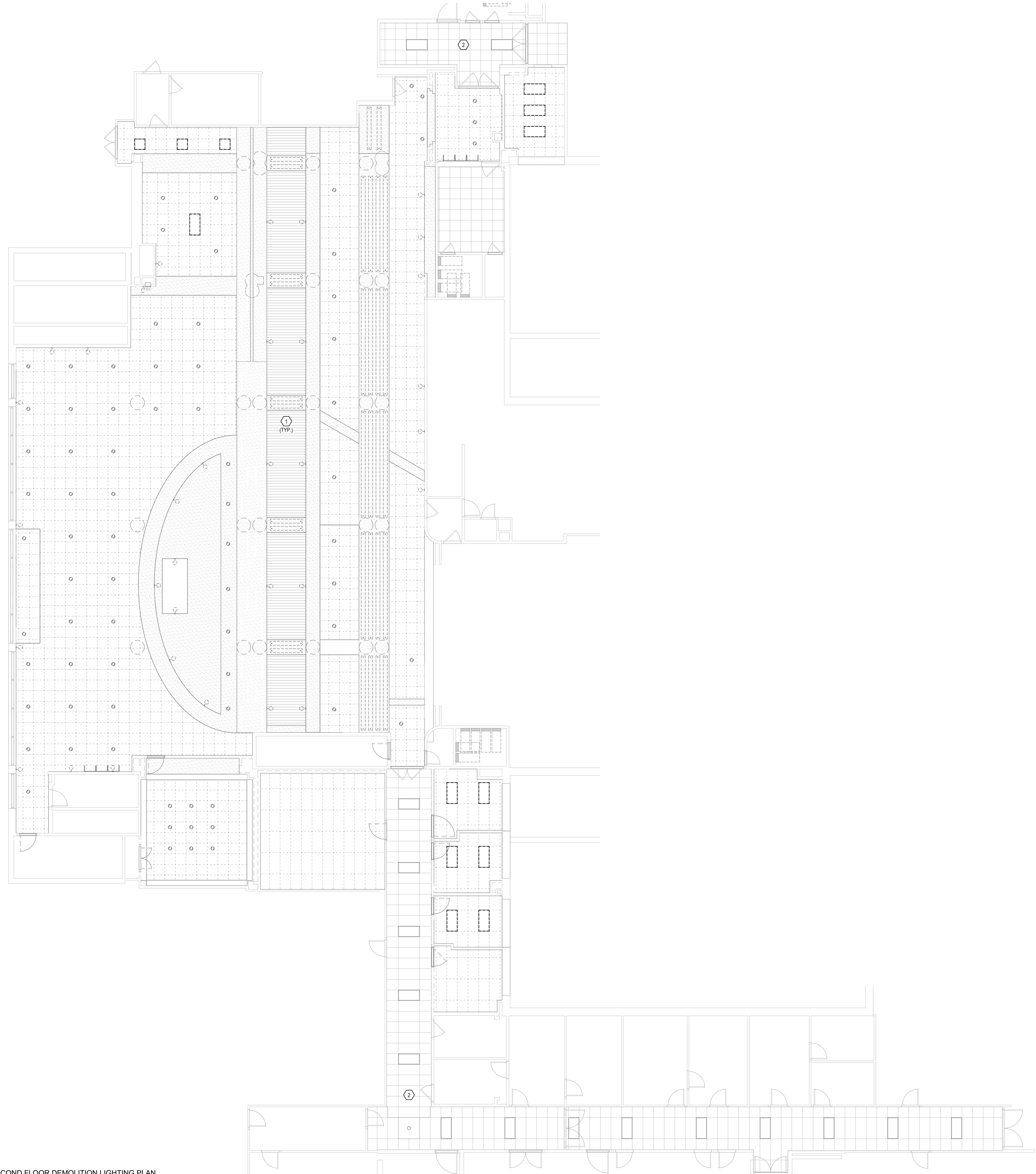
**TLC ENGINEERING SOLUTIONS**  
4560 Chamblee Dunwoody Rd.  
Suite 210  
Atlanta, GA 30341  
P 770.451.6757  
www.tlc-engineers.com  
TLC No:824196  
©Copyright 2022  
CDA 15

DYER BROWN & ASSOCIATES, INC. 11 ALL RIGHTS RESERVED  
Note: This drawing has been prepared by Dyer Brown & Associates, Inc., based on information provided by others. This drawing may or may not represent actual existing conditions. Base building configurations and tenant spaces must be field measured prior to any redesign or modification.

C:\Users\matt.mason\Documents\824196\_Grady Cafeteria Redesign\_MEP\_R01\_matt.mason\824196.dwg

DYER BROWN & ASSOCIATES, INC.

KEYNOTES	
1	DEMOLISH LIGHT FIXTURE(S) IN THIS AREA UNLESS NOTED OTHERWISE. PRESERVE CIRCUIT FOR USE DURING CONSTRUCTION PHASE.
2	EXISTING LIGHT FIXTURE(S) AND CONTROL(S) IN THIS AREA TO REMAN.



1 SECOND FLOOR DEMOLITION LIGHTING PLAN  
1/8" = 1'-0"

GRADY HEALTH  
80 JESSE HILL JR DRIVE

**CAFETERIA RENOVATION**

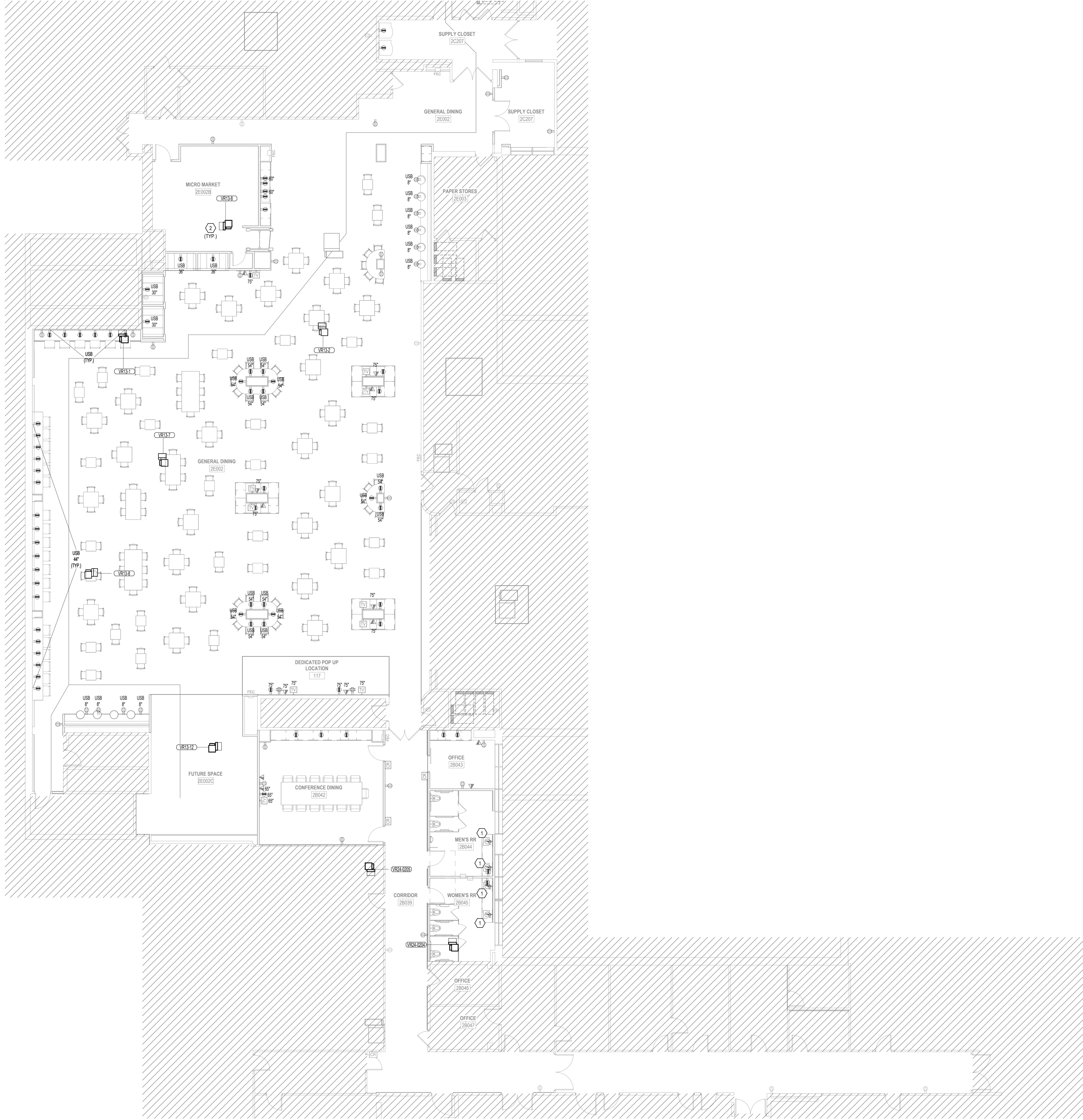
**PROGRESS BID SET**

11/26/2024 24.0128

**SECOND FLOOR LIGHTING  
DEMOLITION PLAN**

**E1.02**

KEYNOTES	
1	PROVIDE RECESSED JUNCTION BOX WITH MOAN 10400 TRANSFORMER FOR PLUMBING FIXTURE. COORDINATE LOCATION WITH PLUMBING DRAWINGS. PROVIDE CONNECTION TO PLUMBING FIXTURE PER MANUFACTURER'S SPECIFICATIONS.
2	SEE MECHANICAL EQUIPMENT CONNECTION SCHEDULE (SHEET E0.03) FOR DISCONNECT WIRE SIZE AND CIRCUIT DESIGNATION.



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

GRADY HEALTH  
80 JESSE HILL JR DRIVE

**CAFETERIA RENOVATION**

**PROGRESS BID SET**

**11/26/2024 24.0128**

**SECOND FLOOR  
ELECTRICAL PLAN**

**E2.01**

**TLC ENGINEERING SOLUTIONS**  
4560 Chamblee Dunwoody Rd.  
Suite 210 Atlanta, GA 30341  
P 770.451.6757  
www.tlc-engineers.com  
COA 15  
TLC No:824196  
©Copyright 2022

DYER BROWN & ASSOCIATES, INC. ALL RIGHTS RESERVED  
Note: This drawing has been prepared by Dyer Brown & Associates, Inc., based on information provided by others. This drawing may or may not represent actual existing conditions. Base building configurations and tenant spaces must be field measured prior to any redesign or modification.

THINK. LISTEN. CREATE.

11/26/2024 12:38:20 PM C:\Users\matt.mason\Documents\654196\_Grady Cafeteria Redesign\_MEP\_R04\_matt.mason\F04M1.rvt

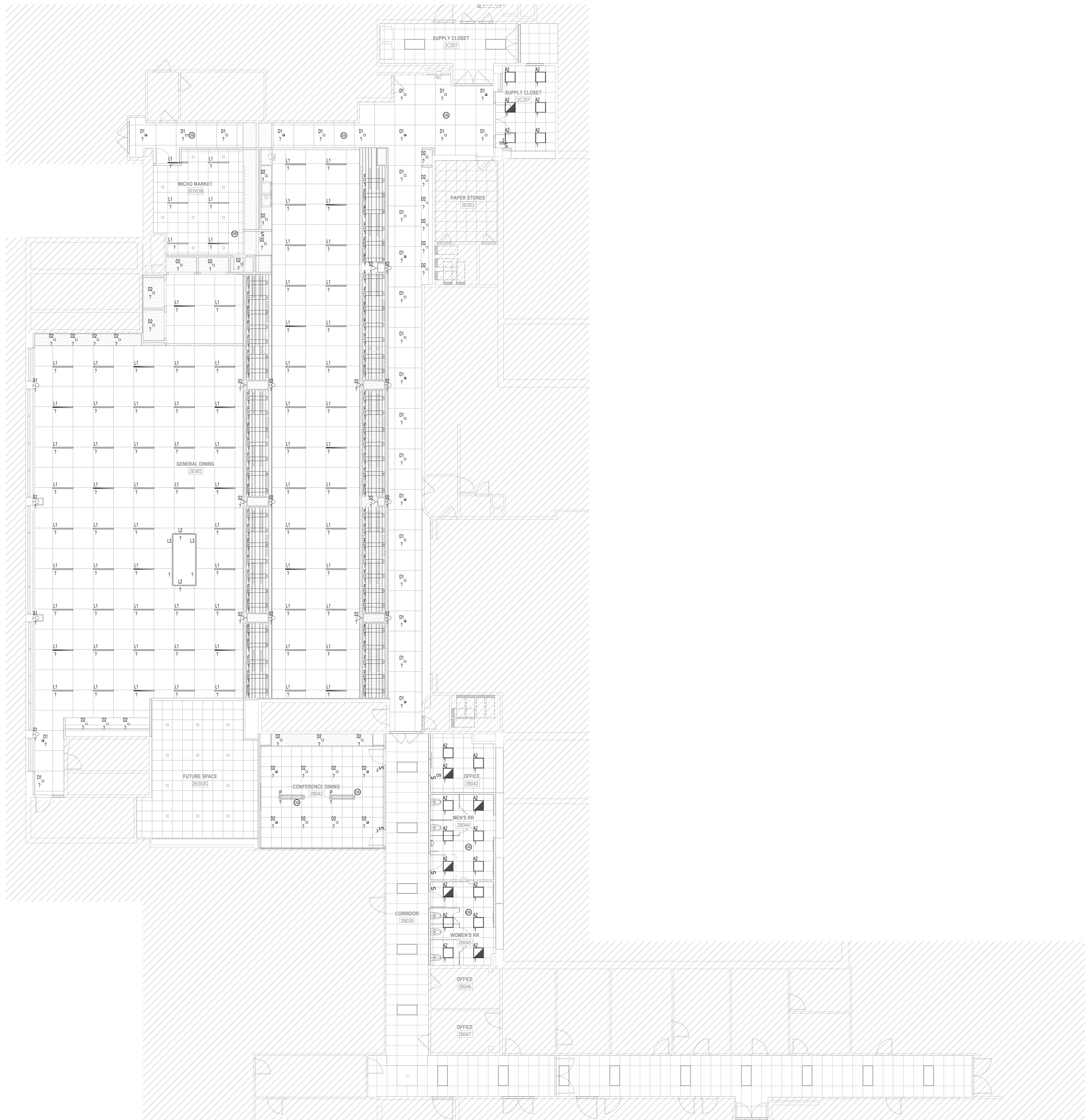
DYER BROWN & ASSOCIATES, INC.

**KEYNOTES**

**DYER BROWN**

DYER BROWN & ASSOCIATES INC.  
 976 BRADY AVE NW  
 ATLANTA GA 30318  
 WWW.DYERBROWN.COM  
 T 404 606 6469

SEALS



GRADY HEALTH  
 80 JESSE HILL JR DRIVE

**CAFETERIA RENOVATION**

**PROGRESS BID SET**

**11/26/2024 24.0128**

**SECOND FLOOR LIGHTING PLAN**

**E2.02**

**10 SECOND FLOOR LIGHTING PLAN**  
 1/8" = 1'-0"

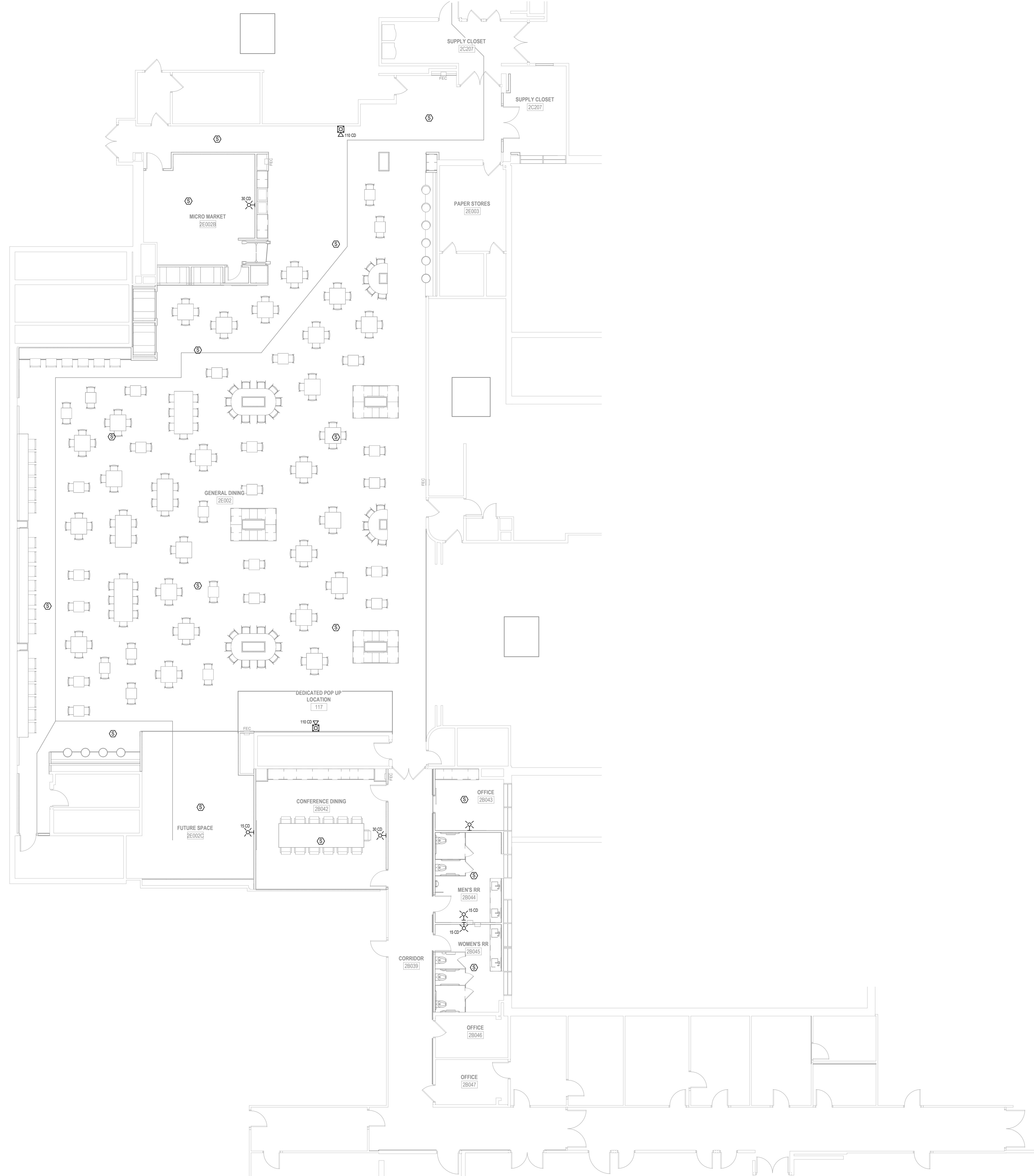
**TLC ENGINEERING SOLUTIONS**  
 4360 Chamblee Dunwoody Rd.  
 Suite 210 Atlanta, GA 30341  
 P 770.451.6757  
 CDA 15  
 www.tlc-engineers.com  
 TLC No:824196  
 ©Copyright 2022  
 THINK. LISTEN. CREATE.

DYER BROWN & ASSOCIATES, INC. 11 ALL RIGHTS RESERVED  
 Note: This drawing has been prepared by Dyer Brown & Associates, Inc., based on information provided by others. This drawing may or may not represent actual existing conditions. Base building configurations and tenant spaces must be field measured prior to any redesign or modification.

11/26/2024 12:39:24 PM C:\Users\matmason\Documents\654196\_Grady Cafeteria Redesign\_MEP\_R02\_mattmason\FWMM.rvt

DYER BROWN & ASSOCIATES, INC.

SEALS



GRADY HEALTH  
80 JESSE HILL JR DRIVE

**CAFETERIA RENOVATION**

**PROGRESS BID SET**

**11/26/2024 24.0128**

**SECOND FLOOR FIRE  
ALARM PLAN**

**FA1.02**

1 SECOND FLOOR FIRE ALARM PLAN  
1/8" = 1'-0"