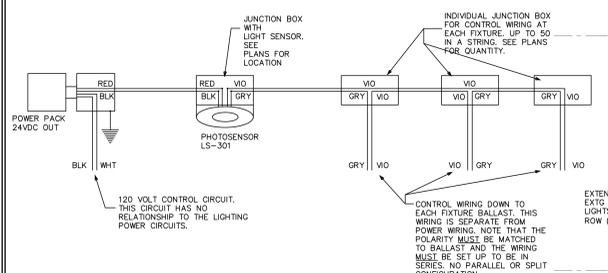


**3 LIGHT FIXTURE TYPE 'D' MTG DETAIL**  
NO SCALE

- NOTES**
- 1) PROVIDE ELECTRONIC BALLAST
  - 2) ALL FLUORESCENT FIXTURES MOUNTED ON CEILING SHALL BE INSTALLED USING FACTORY TON-HANGERS
  - 3) BALLAST SHALL BE RATED FOR USE IN FREEZING TEMPERATURES
  - 4) WITH BATTERY BACKUP
  - 5) UNIT TO BE MET LOCATION LISTED.
  - 6) PROVIDE LAMP SHIELDS.
- FIXTURE PACKAGE IS TO BE PURCHASED FROM ILLUMINATING TECHNOLOGIES INC., ATTN: GORDON HUNT, 6386 BURNY POPULAR ROAD, GREENSBORO, NC 27409. OFFICE PHONE (336)320-1400, FAX (336)320-1490. THERE WILL BE NO SUBSTITUTIONS ALLOWED.

LIGHTING FIXTURE SCHEDULE							
LABEL	TYPE OF FIXTURE	FINISH	LENS TYPE	VOLTAGE	LAMP	MANUFACTURER & MODEL NO.	REMARKS
A	8' STRIP FLUORESCENT FIXT.	WHITE		120	(4) 32W T8	LITHONIA C-432-120V	3, 2
A2	4' FLUORESCENT STRIP	WHITE		120	(2) 32W T8	LITHONIA C-248-120-V	1, 2
A3	2' FLUORESCENT STRIP	WHITE		120	(1) 17W T8	LITHONIA C-217-120-V	1
B	RECESSED 2'x4' TROFFER	WHITE	PRISMATIC	120	(3) 32W T8	LITHONIA 2GS332A12-120-ES	1
D	HID HI-BAY	GREY		208	(1) 210W MH	WDELITE SPPPEP210M	PENDENT STEM MTD W/ BOTTOM OF FIXTURE AT 14'-0"
D1	FLUORESCENT LOW BAY	GREEN		120	(8) 24W T5	LAM LX328/1SHO DORAC	MTD AT BOTTOM OF BAR JOIST
EM	EMERGENCY EGRESS	WHITE		120	INCLUDED	LIGHTOLIER E112L16W	4, MTD AT 8'-4" AFF MINIMUM
EMX	EXTERIOR EMERGENCY EGRESS	WHITE		120	INCLUDED	LIGHTOLIER LV-L-WL	4, 5
EX	EXIT SIGN	WHITE	RED	120	INCLUDED	LIGHTOLIER LN19RW	4
F	RECESSED 2'x2' TROFFER	WHITE	PRISMATIC	120	(4) 17W T8	LIGHTOLIER SP520FSVA417	
H	COVE LED LIGHTS	GREY		120	LED	GE 73099 - QUANTITY TBD	COORDINATE W/ INT DECOR PLANS
M	8' FLUORESCENT STIP	GREY	POLYCARBONATE	120	(4) 32W T8	LIGHTOLIER ST8WA23120US	2, 3, 6
M2	4' FLUORESCENT STIP	GREY	POLYCARBONATE	120	(2) 32W T8	LIGHTOLIER ST4WA23120US	2, 3, 6
R	RECESSED DOWN LIGHT	WHITE	FRESNEL	120	40W LED	LIGHTOLIER OBL15-40DL	
R2	RECESSED DOWN LIGHT	WHITE		120	50W MH	LIGHTOLIER	VERIFY W/ ILLUM TECH. FOR FIXTURE
R2	TRACK HEAD 4' LINEAR	WHITE		120	(2) TSHO	LIGHTOLIER 37254MH	PROVIDE TRACK AND CONNECTORS. TRACK TO BE MTD AT 10'-0" AFF.
Y2	2' WALL MOUNTED FLUOR.	WHITE	PRISMATIC	120	(2) 17W T8	LIGHTOLIER LMBU217 UNVKG	MTD ABOVE MIRROR
LEM	EMERGENCY LIGHTING	WHITE		FROM BEM	(2) 8WATT	LIGHTOLIER MXSHELFB	MAX OF (4) LAMPS PER BATTERY PACK
BEM	BATTERY PACK FOR EM LTG	WHITE		120		LIGHTOLIER E4215LB	

NOTE: THIS IS A REHAB OF AN EXISTING BUILDING WHICH HAS AN EXISTING SERVICE AND DISTRIBUTION EQUIPMENT. ALTERATIONS TO EXISTING BUILDING BEING OF SUCH NATURE THAT ALL FACTS OF THE WORK ARE IMPOSSIBLE TO DETAIL AND SPECIFY. IT IS THEREFORE SPECIFICALLY THE RESPONSIBILITY OF THE CONTRACTOR TO CAREFULLY EXAMINE THE EXISTING BUILDING AND FAMILIARIZE HIMSELF WITH THE CONDITIONS AND RELATE THESE CONDITIONS TO THE SCOPE OF THE PROPOSED NEW WORK. ALL BIDS ARE EXPECTED TO ENCOMPASS THE TOTAL WORK SCOPE NEEDED TO PLACE THE COMPLETED ELECTRICAL SYSTEMS IN WORKING CONDITION TO THE EXTENT OF THE PLANS.



**4 CONTROL WIRING DETAIL**  
NO SCALE

**ELECTRICAL SYSTEM AND EQUIPMENT**

**METHOD OF COMPLIANCE**

PRESCRIPTIVE  PERFORMANCE  ENERGY COST BUDGET

PROVIDE A STANDARD RISER DIAGRAM WHICH INDICATES DESIGNATED POINTS FOR CHECK METERING. PROVIDE A STANDARD PANEL SCHEDULE DESCRIPTION WHICH IDENTIFIES DIFFERENT ENDUSE LOADS.

**LIGHTING SCHEDULE**

LAMP TYPE REQUIRED IN FIXTURE	SEE SCHEDULE ON DRAWINGS
NUMBER OF LAMPS IN FIXTURE	SEE SCHEDULE ON DRAWINGS
BALLAST TYPE USED IN FIXTURE	SEE SCHEDULE ON DRAWINGS
NUMBER OF BALLASTS IN FIXTURE	SEE SCHEDULE ON DRAWINGS
TOTAL WATTAGE PER FIXTURE	SEE SCHEDULE ON DRAWINGS
TOTAL INTERIOR WATTAGE SPECIFIED VS ALLOWED	1.32 VS 1.41
TOTAL EXTERIOR WATTAGE SPECIFIED VS ALLOWED	N/A

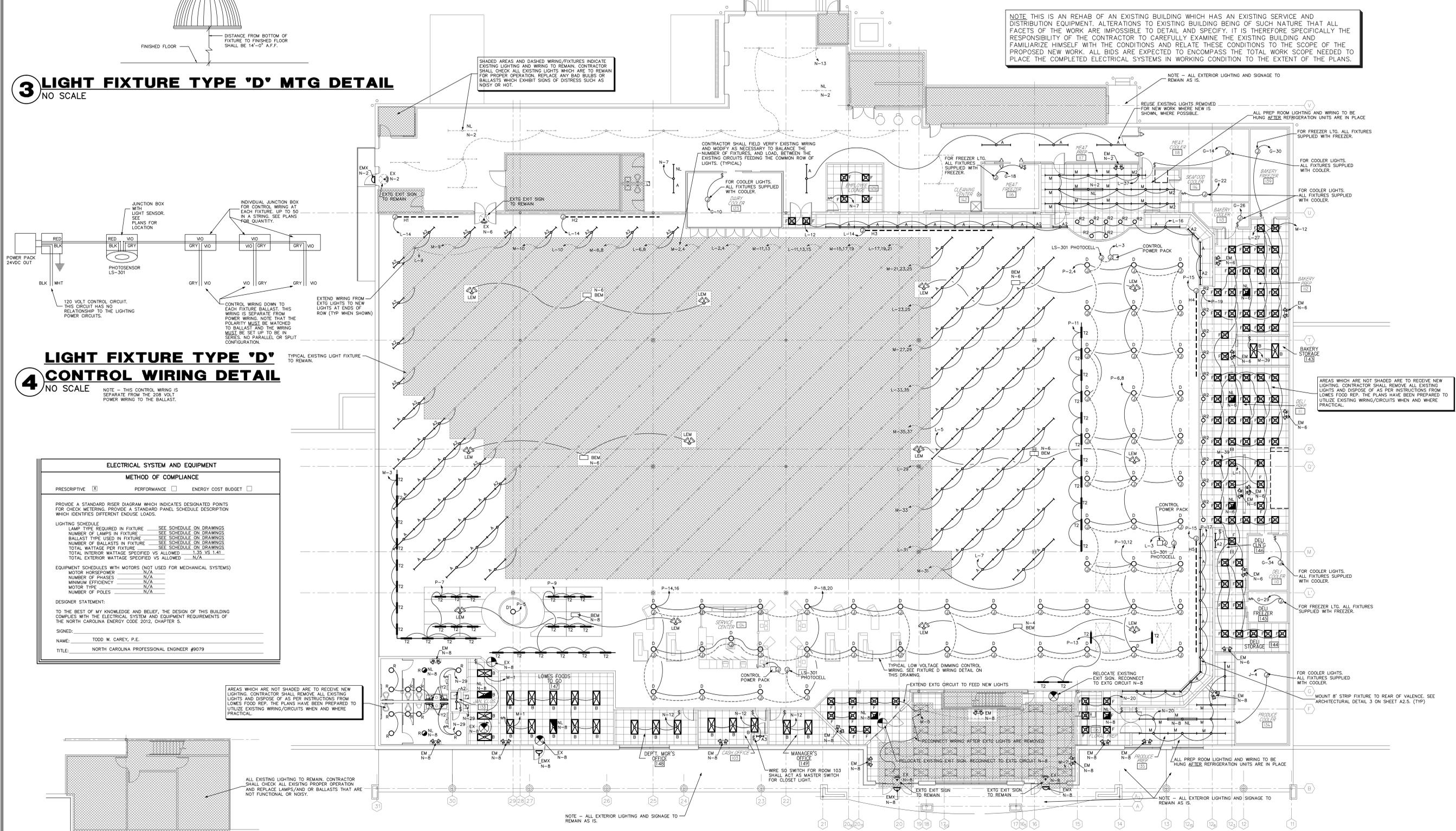
**EQUIPMENT SCHEDULES WITH MOTORS (NOT USED FOR MECHANICAL SYSTEMS)**

MOTOR HORSEPOWER	N/A
NUMBER OF PHASES	N/A
MINIMUM EFFICIENCY	N/A
MOTOR TYPE	N/A
NUMBER OF POLES	N/A

**DESIGNER STATEMENT:**

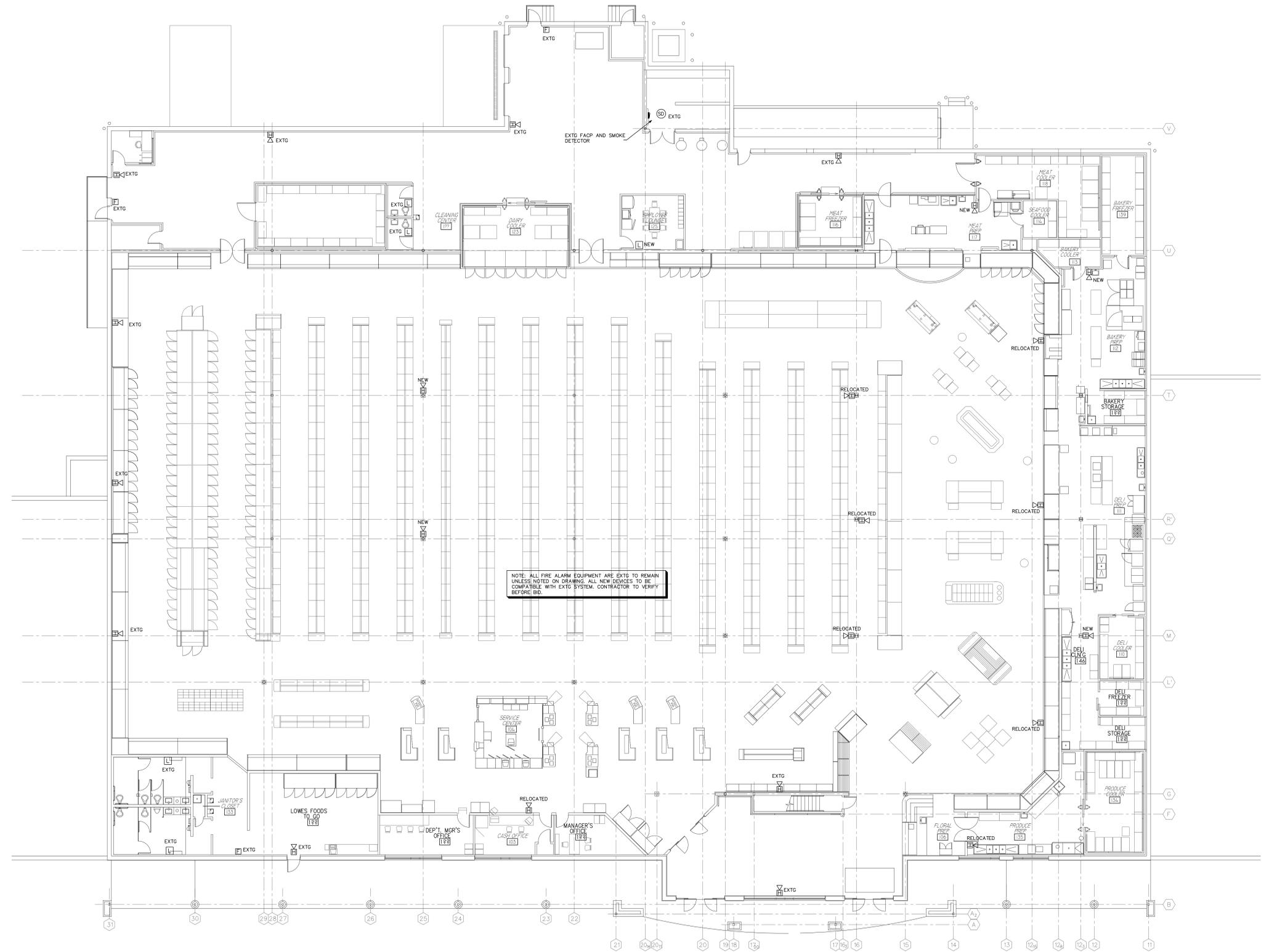
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF THE NORTH CAROLINA ENERGY CODE 2012, CHAPTER 5.

SIGNED: TODD W. CAREY, P.E.  
NAME: TODD W. CAREY, P.E.  
TITLE: NORTH CAROLINA PROFESSIONAL ENGINEER #0979

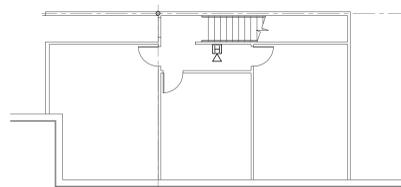


**2 MEZZANINE PLAN - LIGHTING**  
SCALE: 3/32"=1'-0"

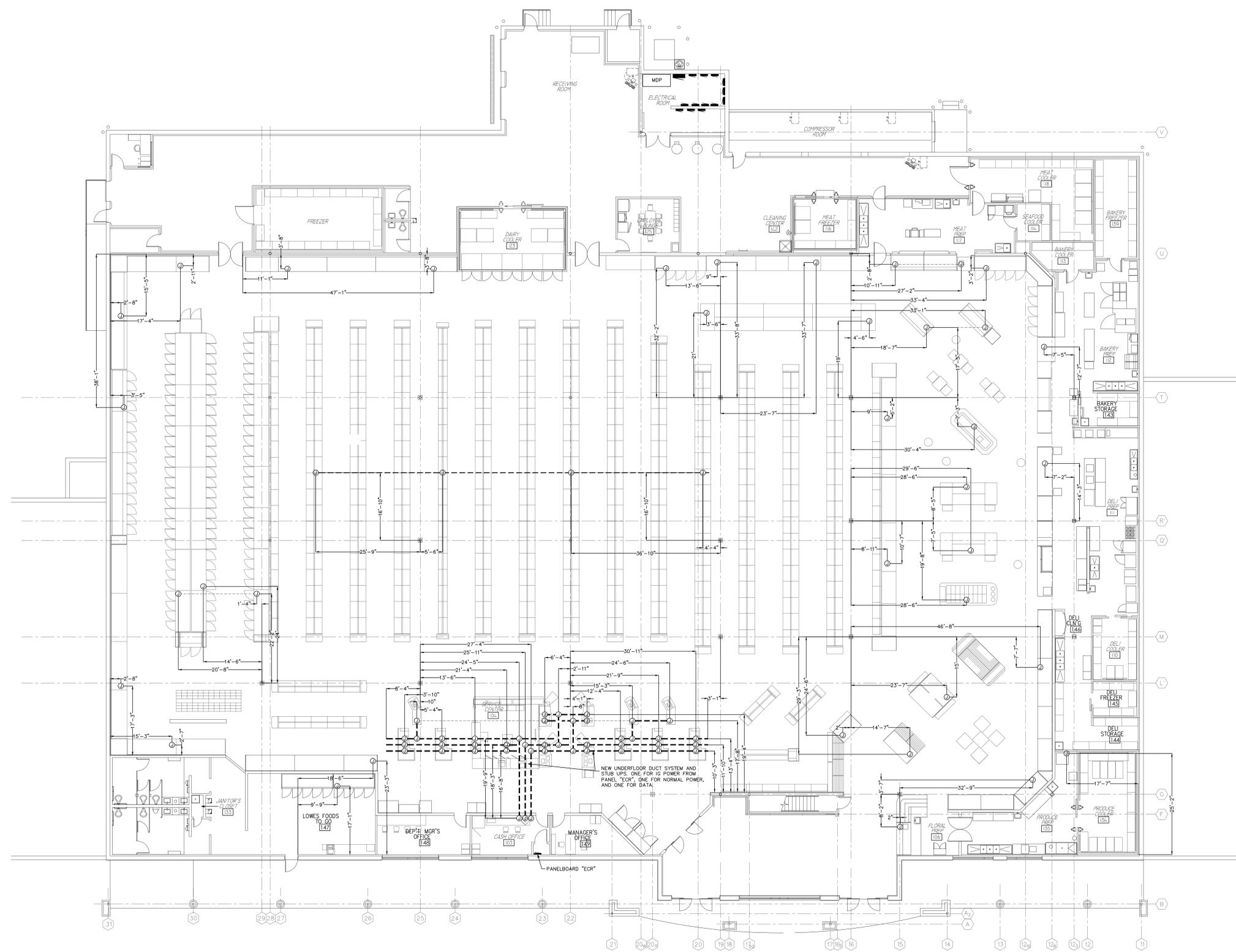
**1 FLOOR PLAN - LIGHTING**  
SCALE: 3/32"=1'-0"



**1 FLOOR PLAN - FIRE ALARM**  
SCALE: 3/32"=1'-0"

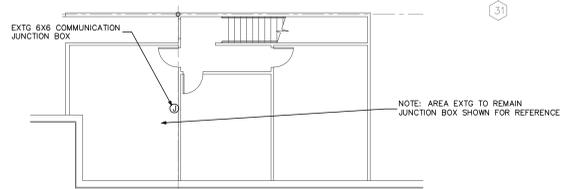
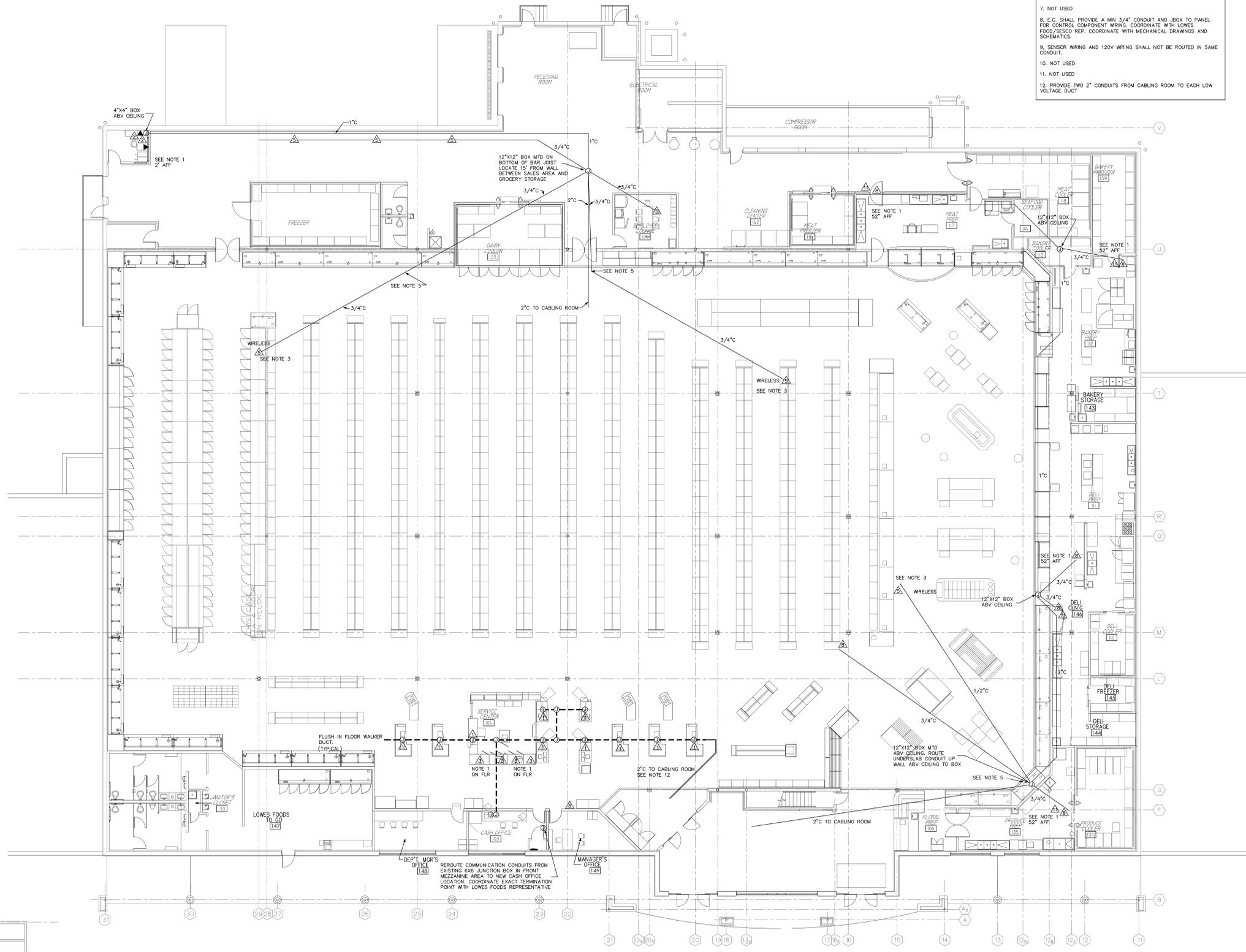


**2 MEZZANINE FLOOR PLAN - FIRE ALARM**  
SCALE: 3/32"=1'-0"



**1 FLOOR PLAN - ELECTRICAL STUB UP PLAN**  
 SCALE: 3/32"=1'-0"

- NOTES:
1. TELEPHONE OUTLET, CONDUIT SHALL BE ROUTED BACK TO TELEPHONE BOARD AND FULL STRING INSTALLED FOR TELEPHONE COMPANY.
  2. NOT USED
  3. COORDINATE WITH LOWES FOODS ENGINEER ON EXACT MTO HEIGHT. ROUTE CONDUIT DOWN COLUMN THE UNDERSLAB AS SHOWN.
  4. NOT USED
  5. ROUTE CONDUIT FROM OVERHEAD TO UNDERSLAB IN WALL
  6. NOT USED
  7. NOT USED
  8. E.C. SHALL PROVIDE A MIN 3/4" CONDUIT AND JBOX TO PANEL FOR CONTROL COMPONENT WIRING. COORDINATE WITH LOWES FOODS/SESCO REP. COORDINATE WITH MECHANICAL DRAWINGS AND SCHEMATICS.
  9. SENSOR WIRING AND 120V WIRING SHALL NOT BE ROUTED IN SAME CONDUIT.
  10. NOT USED
  11. NOT USED
  12. PROVIDE TWO 2" CONDUITS FROM CABLING ROOM TO EACH LOW VOLTAGE DUCT



**1 FLOOR PLAN - LOW VOLTAGE/COMMUNICATIONS**  
SCALE: 3/32"=1'-0"

CONTRACTOR SHALL VERIFY ALL ROUTING CONDUIT WITH LOWES FOODS ENGINEER BEFORE WORK BEGINS.

ALL EXISTING LOW VOLTAGE AND CONTROL CONDUIT SHALL REMAIN. COORDINATE WITH LOWES FOODS ENGINEER FOR EXACT REQUIREMENTS.

**2 MEZZANINE FLOOR PLAN - LOW VOLTAGE/COMMUNICATIONS**  
SCALE: 3/32"=1'-0"

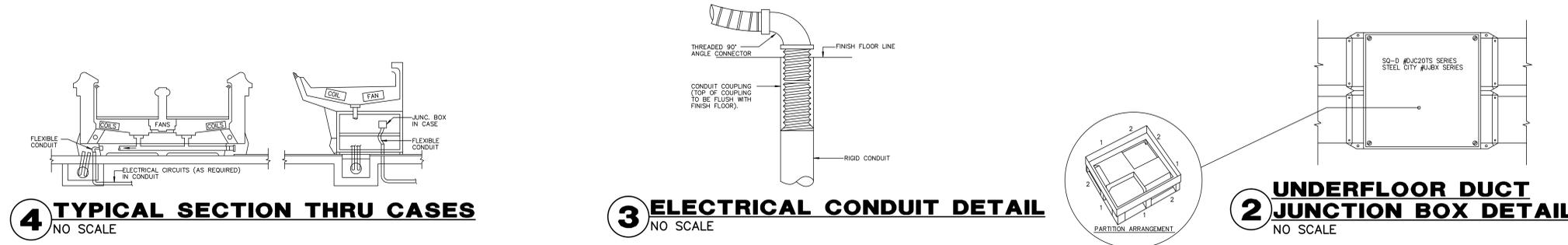
**ELECTRICAL NOTES:**

- GENERAL: ALL WORK SHALL CONFORM TO THE LATEST APPROVED EDITION OF THE NATIONAL ELECTRICAL CODE (NEC) AND ALL LOCAL JURISDICTIONAL CODES.  
THE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE DRAWINGS AND ANY APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, THE CONTRACTOR SHALL NOTIFY THE OWNER OR HIS REPRESENTATIVE AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM, AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL THE OWNER HAS DIRECTED THE CORRECTIVE ACTION TO BE TAKEN.  
THE CONTRACTOR SHALL COORDINATE THE PROPOSED LOCATIONS OF ALL ELECTRICAL MATERIALS AND EQUIPMENT WITH THE REPRESENTATIVES OF THE OTHER TRADES INVOLVED BEFORE STARTING INSTALLATION OF THOSE ITEMS.  
COORDINATE THE INSTALLATION OF REQUIRED SUPPORTING DEVICES, CONDUIT, AND SLEEVES TO BE SET IN CAST-IN-PLACE CONCRETE AND OTHER STRUCTURAL COMPONENTS, AS THEY ARE CONSTRUCTED.  
UNLESS OTHERWISE SPECIFIED ON THE PLANS, ALL SPECS ARE NOT INTENDED TO BE PROPRIETARY. SUBSTITUTIONS SHALL BE ACCEPTABLE FOR EQUAL RATED AND LISTED UNITS.
- SCOPE: EXCEPT WHERE OTHERWISE SPECIFICALLY INDICATED ON THE DRAWINGS BY "FUTURE" BY OTHERS" OR BY A SIMILAR NOTATION, IT IS THE INTENT THAT THE CONTRACTOR FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS NECESSARY TO PROVIDE ALL SYSTEMS IN COMPLETE AND OPERATING CONDITION.
- EXCAVATE AS NECESSARY FOR THE INSTALLATION OF ELECTRICAL MATERIALS AND EQUIPMENT. VERIFY THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES OR STRUCTURES BEFORE EXCAVATING AND EXERCISE CARE TO AVOID DAMAGE TO SUCH ITEMS DURING EXCAVATION. BACKFILL WITH EARTH FREE OF LARGE CLODS, LARGE STONES AND FOREIGN DEBRIS, DEPOSITED IN 6" LAYERS AND COMPACTED TO A DENSITY OF NOT LESS THAN THAT OF THE SURROUNDING UNDISTURBED MATERIAL.
- MATERIALS: THE MATERIALS AND EQUIPMENT FURNISHED SHALL BE AS INDICATED ON THE DRAWINGS. SUBSTITUTIONS SHALL NOT BE MADE EXCEPT WHERE EXPRESSLY APPROVED BY THE OWNER OR HIS REPRESENTATIVE PRIOR TO STARTING INSTALLATION OF THE ITEMS. THE ELECTRICAL MATERIALS AND EQUIPMENT FURNISHED SHALL BE LISTED OR LABELED BY UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING ORGANIZATION, AND SHALL BE ACCEPTABLE TO THE LOCAL BUILDING AUTHORITY.
- GROUNDING: GROUNDING SHALL BE IN ACCORDANCE WITH ARTICLE 250, NEC.
- SHARED NEUTRAL CONDUCTORS SHALL NOT BE ALLOWED UNLESS INSTALLED IN ACCORDANCE WITH NEC-210.4
- CONDUITS: PROVIDE CONDUITS WHERE CALLED FOR ON PANEL SCHEDULES. ELECTRICAL METALLIC TUBING (EMT) SHALL BE INSTALLED ONLY IN DRY LOCATIONS, IN CONCRETE ABOVE GRADE, AND WHERE NOT SUBJECT TO PHYSICAL DAMAGE.  
CONDUITS INSTALLED UNDERGROUND SHALL BE POLYVINYLCHLORIDE (PVC) AND SHALL NOT BE SMALLER THAN 3/4" TRADE SIZE. WHERE PVC CONDUIT IS INSTALLED UNDERGROUND, ELBOWS TURNING UP AND CONDUIT EMERGING ABOVE GRADE SHALL BE RSC. THE TOPS OF CONDUITS SHALL NOT BE LESS THAN 24" BELOW FINISHED GRADE. PVC CONDUIT INSTALLED ABOVE GRADE OR DIRECT-BURIED IN EARTH SHALL BE NEMA 12C2 TYPE EPC-40-PVC (SCHEDULE 40) EXCEPT THAT WHERE UNDER AREAS SUBJECT TO HEAVY VEHICULAR TRAFFIC IT SHALL BE NEMA 12C2 TYPE EPC-80-PVC (SCHEDULE 80).  
ALL ARMOR CLAD CABLE (AC CABLE) WIRING SHALL MEET OR EXCEED ALL NEC, OSHA AND HUD STANDARDS.
- CONDUCTORS: CONDUCTORS SHALL BE AS SCHEDULED ON PANEL SCHEDULES. ALL POWER CONDUCTORS SHALL NOT BE SMALLER THAN #14 AWG (CU), OR #12 AWG (AL). CONTROL CIRCUIT CONDUCTORS SHALL NOT BE SMALLER THAN #18 AWG (CU). CONDUCTORS SHALL BE CONTINUOUS FROM OUTLET TO OUTLET WITHOUT SPLICES EXCEPT WITHIN WIREWAY OR JUNCTION BOXES. MARK CONDUCTORS IN PANELS, PULL BOXES OR WIREWAYS AND TERMINAL STRIP TERMINALS FOR IDENTIFICATION OF CIRCUITS.  
CONDUCTORS SHALL BE JOINED USING COMPRESSION SPLICES, EXCEPT THAT CONDUCTORS #10 AND SMALLER MAY BE JOINED USING WIRE NUT TYPE CONNECTORS. CONDUCTORS SHALL BE TERMINATED USING COMPRESSION OR PRESSURE TIGHT TERMINAL LUGS, OR IN PRESSURE TERMINALS. COMPRESSION SPLICES USED ON CONDUCTORS #10 AWG AND SMALLER SHALL BE THE SELF-INSULATED TYPE. OTHER SPLICES SHALL BE INSULATED USING 3M JESU-OR #88 PLASTIC TAPE. SPLICES IN WET LOCATIONS SHALL BE INSULATED WITH ELECTRICAL TAPE AND ENCAPSULATED WITH SCOTCHCAST OR EQUAL POTTING COMPOUND.
- PROVIDE AND INSTALL JUNCTION AND PULL BOXES WHERE INDICATED AND WHERE NECESSARY TO TERMINATE, TAP OFF, OR REDIRECT MULTIPLE CONDUIT RUNS, OF SIZE INDICATED OR AS REQUIRED BY NEC. WHERE FEEDER SPLICES ARE TO BE MADE, INSTALL BOXES LARGE ENOUGH TO PROVIDE AMPLE WORK SPACE.
- LIGHTING FIXTURES: LIGHTING FIXTURES SHALL BE AS INDICATED ON THE DRAWINGS, AND SHALL BE INSTALLED COMPLETE WITH LAMPS. FIXTURES WITH ADJUSTMENTS AFFECTING LIGHT DISTRIBUTION SHALL BE SET TO PROVIDE THE REQUIRED LIGHT PATTERNS PRIOR TO THE FINAL DEMONSTRATION TEST.
- TESTS: AFTER EACH SYSTEM HAS BEEN COMPLETED, A FUNCTIONAL TEST SHALL BE PERFORMED TO DEMONSTRATE THAT THE SYSTEM OPERATES IN ACCORDANCE WITH THE REQUIREMENTS OF THE DRAWINGS. THIS TEST SHALL BE PERFORMED BY THE CONTRACTOR IN THE PRESENCE OF THE OWNER OR HIS REPRESENTATIVE.
- TERMINALS: ALL ELECTRICAL EQUIPMENT FURNISHED ON THIS PROJECT IS TO HAVE TERMINALS RATED FOR 75° C. OPERATION.

PANEL SCHEDULE MDP														
3000 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, W.L.D., 65000 AMP MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE														
PANEL	BKR	WIRE AND CONDUIT			LOAD DESCRIPTION	NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION	WIRE AND CONDUIT			BKR
		COND.	NEUTRAL	C. KEYS							KEYS	C.	NEUTRAL	
11	1	3 SETS	3 SETS	(2)	29160	86280								2
3	388/3	400 MCM	400 MCM	1/0	27626					EXTG. PANELBOARD "B"	CHAL	3	43	500 MCM
5					4004									4
7					24610									6
9	325/3	84/0	84/0	0-1/2	6611	18956				EXTG. PANELBOARD "B"	CHAL	2-1/2	84	250 MCM
11					7874	26774								8
13					6913					EXTG. PANELBOARD "C"	CHAL	2-1/2	84	250 MCM
15	200/3	80/0	80/0	0	8771									10
17					8887	9504								12
19					9715	9715				EXTG. PANELBOARD "E"	CHAL	2	86	83/0
21	200/3	80/0	80/0	0	10109	18620								14
23					9467									16
25					10814									18
27	200/3	80/0	80/0	0	9572									20
29					12020	13020								22
31	200/3	80/0	80/0	0	2360	2960				EXTG. PANELBOARD "F"	CHAL	3	83	500 MCM
33					14028	14028								24
35					2004	2004								26
37					10916	10916								28
39	400/3	500 MCM			840									30
41					4914	17610								32
43	300/3	350 MCM	350 MCM	0-1/2	2580	2580				EXTG. PANELBOARD "G"	CHAL	3/4	810	80
45					2320	15016								34
47					2240	2240								36
					4140	16839								38
					1440	1440								40
					0	5976								42
					0	2526								44
					0	5076				REFRIGERATION RACK "B" *	CHAL	3-1/2	83	500 MCM
					0	2526								46
					0	5076								48
					0	2526								50
					0	30216								52
					0	38976				REFRIGERATION RACK "A" *	CHAL	(2)		2 SETS
					0	30216								54
					0	38976								56
					0	30216				REFRIGERATION RACK "C" *	CHAL	(2)		2 SETS
					0	38976								58
					0	30216								60
					4600	4600								62
					0	17933								64
					4600	4600				NEW RACK DIVEN **	CHAL	2	86	83/0
					2800									66
					0	2200								68
					0	17933								70

PANEL NOTES:  
\* - EXTG. BREAKER AND WIRING TO BE USED TO FEED NEW OR MODIFIED LOADS  
\*\* - PROVIDE NEW BREAKER AND WIRING TO NEW LOAD

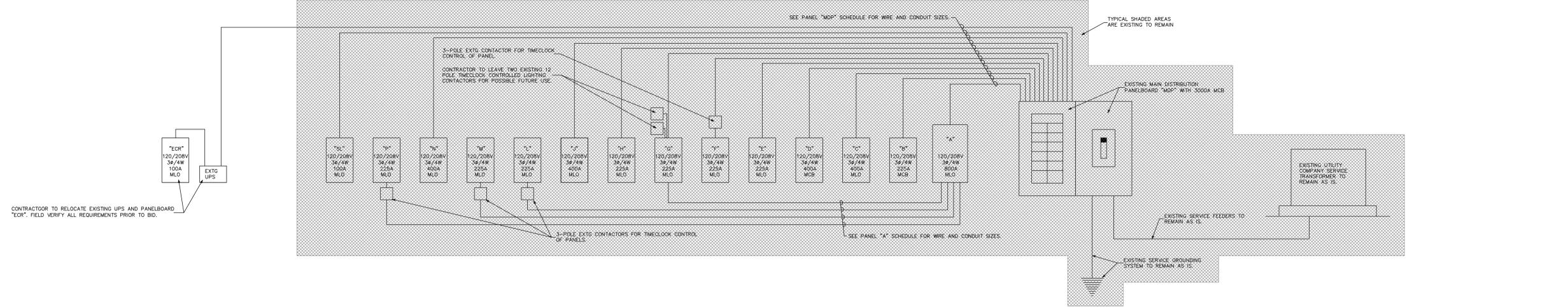
PANEL MDP DIVERSIFICATION CALCULATIONS	
RECEPTACLES (142) -	25560 VA TOTAL
FIRST 10 KW AT 100% -	10000
REMAINDER AT 50% -	7780
LIGHTING -	12960 X 125% =
HVAC LOAD AT 100% -	829812
MOTOR LOADS AT 100% -	392826
PLUS 25% OF THE LARGEST MOTOR -	5364
MISC. NON-CONTINUOUS LOADS AT 100% -	110723
MISC. CONTINUOUS LOADS AT 100% -	4044 X 1.25 =
KITCHEN EQUIPMENT (41) -	5055
223373 X 0.65 -	145193
TOTAL DIVERSIFIED PANEL LOAD -	1069984
LOAD AT 120/208V/3-PHASE/4-WIRE -	2972.2A



**1** TYPICAL SECTION THRU CASES  
NO SCALE

**2** ELECTRICAL CONDUIT DETAIL  
NO SCALE

**3** UNDERFLOOR DUCT JUNCTION BOX DETAIL  
NO SCALE



CONTRACTOR TO RELOCATE EXISTING UPS AND PANELBOARD "ECR". FIELD VERIFY ALL REQUIREMENTS PRIOR TO BID.

**4** ELECTRICAL POWER RISER DIAGRAM  
NO SCALE

TYPICAL SHADED AREAS ARE EXISTING TO REMAIN

PANEL SCHEDULE C  
400 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, M.L.D., 65000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE

BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	WIRE AND CONDUIT			BR.								
	COND.	NEUTRAL	IND.	C. KEYS			LINE A	LINE B	LINE C		LOAD DESCRIPTION	KEYS	COND.	NEUTRAL	COND.			
1	20/1	#12	#12	#12	1/2	CHAL	MEAT CLAR MIXER/GRINDER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	2	
3	40/3	#8	#10	3/4	CHAL	MEAT CLAR MIXER/GRINDER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	4		
5	20/1	#12	#12	1/2	CHAL	SLICER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	6		
7	20/1	#12	#12	1/2	CHAL	CUBER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	8		
9	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	10		
11	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	12		
13	20/1	#12	#12	1/2	CHAL	3X3 AQUARIUM **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	14		
15	20/1	#12	#12	1/2	CHAL	RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	16		
17	20/1	#12	#12	1/2	CHAL	RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	18		
19	20/1	#12	#12	1/2	CHAL	6" HOT FOODS CASE **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	20		
21	20/1	#12	#12	1/2	CHAL	MEAT SCALE/WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	22		
23	20/1	#12	#12	1/2	CHAL	MEAT SCALE/WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	24		
25	100/3	#3	---	HB	1	CHAL	EXTG WATER HEATER **	720	3000	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	26	
27	100/3	#3	---	HB	1	CHAL	EXTG WATER HEATER **	720	3000	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	28	
29	20/1	#12	#12	1/2	CHAL	RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	30		
31	20/1	#12	#12	1/2	CHAL	RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	32		
33	35/3	#8	---	#10	3/4	CHAL	HOBBART ROTISSERIE **	3000	8040	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	30/3	34
35	20/1	#12	#12	1/2	CHAL	MEAT PREP RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	36		
37	20/1	#12	#12	1/2	CHAL	MEAT PREP RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	38		
39	20/1	#12	#12	1/2	CHAL	MEAT PREP RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	40		
41	20/1	#12	#12	1/2	CHAL	MEAT PREP RECEPTACLES **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	42		

WIRE/CONDUIT KEY WIRING TYPE INSULATION CONDUIT TYPE TEMP RATING  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.

PEAK PHASE (C) UNBALANCED NEUTRAL LOAD AMPS = 74.1 AMPS  
NEW DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 227.3 AMPS

REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS

PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001

PANEL NOTES:  
\* - REUSE EXISTING BREAKER AND FEEDER TO SERVE NEW OR MODIFIED LOADS  
\*\* - PROVIDE NEW BREAKER AND FEEDER TO SERVICE NEW LOADS

PANEL SCHEDULE B  
225 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, M.L.D., 65000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE

BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	WIRE AND CONDUIT			BR.							
	COND.	NEUTRAL	IND.	C. KEYS			LINE A	LINE B	LINE C		LOAD DESCRIPTION	KEYS	COND.	NEUTRAL	COND.		
1	20/1	#12	#12	1/2	CHAL	PROFFER CONTROLS **	200	600	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	2	
3	40/3	#8	---	#10	3/4	CHAL	PROFFER **	200	600	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	4
5	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	6	
7	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	8	
9	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	10	
11	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	12	
13	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	14	
15	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	16	
17	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	18	
19	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	20	
21	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	22	
23	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	24	
25	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	26	
27	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	28	
29	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	30	
31	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	32	
33	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	34	
35	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	36	
37	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	38	
39	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	40	
41	20/1	#12	#12	1/2	CHAL	MEAT WRAPPER **	167	2904	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	42	

WIRE/CONDUIT KEY WIRING TYPE INSULATION CONDUIT TYPE TEMP RATING  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.

PEAK PHASE (C) UNBALANCED NEUTRAL LOAD AMPS = 73.1 AMPS  
NEW DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 169.9 AMPS

REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS

PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001

PANEL NOTES:  
\* - REUSE EXISTING BREAKER AND FEEDER TO SERVE NEW OR MODIFIED LOADS  
\*\* - PROVIDE NEW BREAKER AND FEEDER TO SERVICE NEW LOADS

PANEL SCHEDULE A  
800 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, M.L.D., 65000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE

BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	WIRE AND CONDUIT			BR.								
	COND.	NEUTRAL	IND.	C. KEYS			LINE A	LINE B	LINE C		LOAD DESCRIPTION	KEYS	COND.	NEUTRAL	COND.			
1	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	2		
3	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	4		
5	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	6		
7	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	8		
9	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	10		
11	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	12		
13	20/1	#12	#12	1/2	CHAL	EXTG PANELBOARD "H"	10100	10100	-----	EXTG RECY OFFICE RECEPT	CHAL	1/2	#12	#12	20/1	14		
15	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	16
17	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	18
19	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	20
21	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	22
23	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	24
25	40/3	#8	---	#10	3/4	CHAL	EXTG ELECTRIC UNIT HEATER	0	3467	-----	EXTG RECY OFFICE RECEPT	CHAL	3/4	#10	---	#8	40/3	26
27	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	28
29	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	30
31	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	32
33	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	34
35	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	36
37	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	38
39	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	40
41	90/3	#3	---	HB	1	CHAL	REFRIG RACK "A" COND **	8400	8400	-----	EXTG RECY OFFICE RECEPT	CHAL	1	#8	---	#3	90/3	42

WIRE/CONDUIT KEY WIRING TYPE INSULATION CONDUIT TYPE TEMP RATING  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.  
120/4 C-CU WIRE H-THWN A-EMT L-78-86 Deg. F. K-75-77 Deg. F.

PEAK PHASE (A) UNBALANCED NEUTRAL LOAD AMPS = 243 AMPS  
NEW DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 681.7 AMPS

REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS

PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001

PANEL NOTES:  
\* - EXISTING BREAKER AND WIRING TO BE USED TO FEED NEW OR MODIFIED LOADS  
\*\* - PROVIDE A NEW BREAKER AND NEW FEEDER TO LOAD

PANEL SCHEDULE ECR  
100 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, M.L.D., 10000 AMPS MINIMUM A.I.C. BRACING, FLUSH MOUNTED, TYPE NEMA 1 ENCLOSURE

BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	WIRE AND CONDUIT			BR.	
	COND.	NEUTRAL	IND.	C. KEYS			LINE A	LINE B	LINE C		LOAD DESCRIPTION
1	20/1	#10	#10								

PANEL SCHEDULE L																
225 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, N.E.D., 42000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE																
BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION	WIRE AND CONDUIT				BR.	
	COND.	NEUTRAL	GN	C. KEYS							KEYS	C.	GN	NEUTRAL		COND.
1	20/1	#12	#12	1/2	CHAL	PREP AREA LIGHTING **	1150	1150	-----	SALES AREA LIGHTING *	CHAL	1/2	#12	#12	20/1	2
3	20/1	#12	#12	1/2	CHAL	HID DOWN LYS CONTROLS **	1275	1275	-----	SALES AREA LIGHTING *	CHAL	1/2	#12	#12	20/1	4
5	20/1	#12	#12	1/2	CHAL	SALES LIGHTING *	1050	1050	-----	SALES AREA LIGHTING *	CHAL	1/2	#12	#12	20/1	6
7	20/1	#12	#12	1/2	CHAL	SALES LIGHTING *	600	600	-----	SALES AREA LIGHTING *	CHAL	1/2	#12	#12	20/1	8
9	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	1000	1000	-----	SALES AREA LIGHTING *	CHAL	1/2	#12	#12	20/1	10
11	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	600	600	-----	ACCENT LIGHTING **	CHAL	1/2	#12	#12	20/1	12
13	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	600	600	-----	LED WALL ACCENT LIGHTS *	CHAL	1/2	#12	#12	20/1	14
15	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	750	750	-----	ACCENT LIGHTING **	CHAL	1/2	#12	#12	20/1	16
17	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	600	600	-----	SPACE						
19	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	600	600	-----	SPACE						
21	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	750	750	-----	SPACE						
23	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	1200	1200	-----	SPACE						
25	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	1350	1350	-----	SPACE						
27	20/1	#12	#12	1/2	CHAL	NEW PREP AREAS LTG **	1700	1700	-----	SPACE						
29	20/1	#12	#12	1/2	CHAL	EXTG SALES AREA LIGHTING *	900	900	-----	SPACE						
31	20/1	#12	#12	1/2	CHAL	SALES LIGHTING *	1200	1200	-----	SPACE						
33	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	1200	1200	-----	SPACE						
35	20/1	#12	#12	1/2	CHAL	SALES AREA LIGHTING *	600	600	-----	SPACE						
37	20/1	#12	#12	1/2	CHAL	MEAT PREP LIGHTING **	1725	1725	-----	SPACE						
39						SPACE	0	0	-----	SPACE						
41						SPACE	0	0	-----	SPACE						
WIRE/CONDUIT KEY							10275	9475	7730	PEAK PHASE (A) UNBALANCED NEUTRAL LOAD AMPS = 85.6 AMPS				85.6		
TEMP RATING							1234			NON DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 76.3 AMPS				76.3		
CONDUIT TYPE										PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001						
INSULATION										REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS						

TYPICAL SHADED AREAS ARE EXISTING TO REMAIN

PANEL NOTES:  
 \* - EXIST BREAKER AND WIRING TO BE USED TO FEED NEW OR MODIFIED LOADS  
 \*\* - PROVIDE NEW BREAKER AND WIRING TO LOADS

PANEL SCHEDULE J																
400 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, N.E.D., 65000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE																
BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION	WIRE AND CONDUIT				BR.	
	COND.	NEUTRAL	GN	C. KEYS							KEYS	C.	GN	NEUTRAL		COND.
1	20/1	#12	#12	1/2	CHAL	CHEESE ISL B12 FANS *	624	624	-----	PRODUCE CLR C13 FANS *	CHAL	1/2	#12	#12	20/1	2
3	20/1	#12	#12	1/2	CHAL	LUNCH MEAT B10 FANS *	1104	1104	-----	PRODUCE CLR C13 LIGHTS *	CHAL	1/2	#12	#12	20/1	4
5	20/1	#12	#12	1/2	CHAL	BELLI ISLAND B6 FANS *	300	300	-----	CASE RECEPTACLES *	CHAL	1/2	#12	#12	20/1	6
7	20/1	#12	#12	1/2	CHAL	SERV. BELLI B14 FANS *	480	480	-----	SPACE						
9	20/1	#12	#12	1/2	CHAL	LUNCH MT. B17 FANS *	600	600	-----	SPACE						
11	20/1	#12	#12	1/2	CHAL	32" MD PRODUCE C10 FANS *	360	360	-----	SPACE						
13	20/1	#12	#12	1/2	CHAL	8" FLORAL C12 FANS *	156	156	-----	SPACE						
15						SPACE	0	0	-----	SPACE						
17						SPACE	0	0	-----	SPACE						
19						SPACE	0	0	-----	SPACE						
21						SPACE	0	0	-----	SPACE						
23						SPACE	0	0	-----	SPACE						
25						SPACE	0	0	-----	SPACE						
27						SPACE	0	0	-----	SPACE						
29						SPACE	0	0	-----	SPACE						
31	20/1	#12	#12	1/2	CHAL	FRONT BATHROOM ED * *	500	500	-----	SPACE						
33						SPACE	0	0	-----	SPACE						
35						SPACE	0	0	-----	SPACE						
37						SPACE	0	0	-----	SPACE						
39						SPACE	0	0	-----	SPACE						
41						SPACE	0	0	-----	SPACE						
WIRE/CONDUIT KEY							2060	2060	1020	PEAK PHASE (A) UNBALANCED NEUTRAL LOAD AMPS = 17.2 AMPS				17.2		
TEMP RATING							1234			NON DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 14.1 AMPS				14.1		
CONDUIT TYPE										PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001						
INSULATION										REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS						

PANEL NOTES:  
 \* - EXIST BREAKER AND WIRING TO BE USED TO FEED NEW OR MODIFIED LOADS

PANEL SCHEDULE H																
225 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, N.E.D., 42000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE																
BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION	WIRE AND CONDUIT				BR.	
	COND.	NEUTRAL	GN	C. KEYS							KEYS	C.	GN	NEUTRAL		COND.
1	20/1	#12	#12	1/2	CHAL	16" SALAD BAR B16 FANS *	360	360	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	2
3	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1488	1488	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	4
5	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1176	1176	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	6
7	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1450	1450	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	8
9	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1176	1176	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	10
11	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1176	1176	-----	EXTG FROM FOODS FANS/HTS *	CHAL	1/2	#12	#12	20/1	12
13	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1176	1176	-----	24" MD BEER B7 FANS *	CHAL	1/2	#12	#12	20/1	14
15	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	1176	1176	-----	24" MD DAIRY C4 FANS *	CHAL	1/2	#12	#12	20/1	16
17	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	756	756	-----	24" MD DAIRY C3 FANS *	CHAL	1/2	#12	#12	20/1	18
19	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	170	170	-----	24" MD DAIRY C2A FANS *	CHAL	1/2	#12	#12	20/1	20
21	20/1	#12	#12	1/2	CHAL	FRZEN FOODS FANS/HTS *	228	228	-----	32" MD DAIRY C3 FANS *	CHAL	1/2	#12	#12	20/1	22
23	20/1	#12	#12	1/2	CHAL	FRZEN MEAT A12 FANS/HTS *	1488	1488	-----	FRZEN MEAT A12 FANS/HTS *	CHAL	1/2	#12	#12	20/1	24
25	20/1	#12	#12	1/2	CHAL	FRZEN MEAT B3 FANS *	240	240	-----	24" MD MEAT B3 FANS *	CHAL	1/2	#12	#12	20/1	26
27	20/1	#12	#12	1/2	CHAL	FRZEN MEAT A21 FANS/HTS *	1176	1176	-----	24" MD MEAT B2 FANS *	CHAL	1/2	#12	#12	20/1	28
29	20/1	#12	#12	1/2	CHAL	FRZEN MEAT A19 FANS/HTS *	1176	1176	-----	16" MEAT/SEAF C11 FANS *	CHAL	1/2	#12	#12	20/1	30
31	20/1	#12	#12	1/2	CHAL	FRZEN MEAT A15 FANS *	1176	1176	-----	LT SEAF/ODD A15 FANS *	CHAL	1/2	#12	#12	20/1	32
33	20/1	#12	#12	1/2	CHAL	FRZEN SEAF A21 FANS/HTS *	1488	1488	-----	FRZEN SEAF A21 FANS/HTS *	CHAL	1/2	#12	#12	20/1	34
35	20/1	#12	#12	1/2	CHAL	FRZEN SEAF A21 FANS/HTS *	1176	1176	-----	FRZEN SEAF A21 FANS/HTS *	CHAL	1/2	#12	#12	20/1	36
37	20/1	#12	#12	1/2	CHAL	FRZEN SEAF A21 FANS/HTS *	672	672	-----	DUAL TEMP A19 FANS/HTS *	CHAL	1/2	#12	#12	20/1	38
39	20/1	#12	#12	1/2	CHAL	FRZEN SEAF A21 FANS/HTS *	1176	1176	-----	DUAL TEMP A16 FANS/HTS *	CHAL	1/2	#12	#12	20/1	40
41	20/1	#12	#12	1/2	CHAL	36" BEER B9 FANS *	312	312	-----	10" BAKERY B13 FANS *	CHAL	1/2	#12	#12	20/1	42
WIRE/CONDUIT KEY							13020	14028	10916	PEAK PHASE (B) UNBALANCED NEUTRAL LOAD AMPS = 116.9 AMPS				116.9		
TEMP RATING							1234			NON DIVERSIFIED LOAD AT 208 VOLT, THREE PHASE = 105.5 AMPS				105.5		
CONDUIT TYPE										PRINTED ON PANELS PROGRAM SERIAL NUMBER 2001.4001						
INSULATION										REGISTERED TO - TODD W. CAREY AND ASSOCIATES OF THE CAROLINAS						

PANEL NOTES:  
 \* - EXIST BREAKER AND WIRING TO BE USED TO FEED NEW OR MODIFIED LOADS

PANEL SCHEDULE P																
225 AMP, 120/208 VOLT, THREE PHASE, FOUR WIRE, N.E.D., 42000 AMPS MINIMUM A.I.C. BRACING, SURFACE MOUNTED, TYPE NEMA 1 ENCLOSURE																
BR.	WIRE AND CONDUIT				LOAD DESCRIPTION	NEUT.	LINE A	LINE B	LINE C	LOAD DESCRIPTION	WIRE AND CONDUIT				BR.	
	COND.	NEUTRAL	GN	C. KEYS							KEYS	C.	GN	NEUTRAL		COND.
1					SPACE	0	0	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	2	
3					SPACE	0	1125	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	4	
5	20/1	#12	#12	1/2	CHAL	NEW HANGING LIGHTS *	1050	1050	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	6
7	20/1	#12	#12	1/2	CHAL	NEW HANGING LIGHTS *	1250	1250	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	8
9	20/1	#12	#12	1/2	CHAL	NEW HANGING LIGHTS *	1500	1500	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	10
11	20/1	#12	#12	1/2	CHAL	NEW HANGING LIGHTS *	1375	1375	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	12
13	20/1	#12	#12	1/2	CHAL	NEW HANGING LIGHTS *	500	500	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	14
15	20/1	#12	#12	1/2	CHAL	NEW LED ACCENT LIGHTING *	600	600	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	16
17	20/1	#12	#12	1/2	CHAL	NEW ACCENT LIGHTS *	1200	1200	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	18
19	20/1	#12	#12	1/2	CHAL	PREP AREA DOWN LIGHTS *	750	750	-----	HID DOWN LIGHTS **	CHAL	1/2	#12	#12	20/1	20
21					SPACE	0	1375	-----	SPACE							
23					SPACE	0	0	-----	SPACE							
25					SPACE	0	0	-----	SPACE							
27					SPACE	0	0	-----	SPACE							
29					SPACE	0	0	-----	SPACE							
31					SPACE	0	0	-----	SPACE							
33					SPACE	0	0	-----	SPACE							
35					SPACE	0	0	-----	SPACE							
37																