

No work is to be done before this matter is finalized and a "Change Order" is issued. This copy to remain with your office. Do not return. Contractor to submit signed letter with price including cost breakdown and change (if any) to construction schedule. Authority having Jurisdiction shall advise of any objections.

**TO: QUOREX CONSTRUCTION SERVICES LTD.**  
1630A 8th Avenue,  
Regina, SK S4R 1E5

**RE: AURORA FOOD STORE**  
2000 ANAQUOD ROAD  
REGINA, SK  
Commission No. 2445

**DATE:** January 6, 2025

**PAGES:** 5 (including cover)

**RE: Data Rack Receptacles – Room # 112**

## 1.0 ELECTRICAL

- .1 Refer to attached Electrical PCN #34, dated January 6, 2025.  
(1 page text, 3 full size drawings E0.2, E2.0, E5.0)

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Principal  
Kevin Fawley, SAA MRAIC

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Project: Aurora Grocery Store  
2000 Anaquod Road, Regina, Saskatchewan  
Subject: Data Rack Receptacles – Room # 112  
Date: 2026.01.06

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Subject: Data Rack Receptacles – Room # 112  
References: Electrical Drawing E0.2 – Schedules  
Electrical Drawing E2.0 – Floor Plan - Power  
Electrical Drawing E5.0 – Floor Plan - Communications

1. Refer to attached drawing E0.2 - Schedules for revisions in Panel 'O'. T-Slot receptacle circuit # 45, 1(one) 20A-1P breaker is added for data rack.
2. Refer to attached drawing E2.0 – Floor Plan - Power, 1(one) 20A, 5-20R, T-Slot receptacle is added as circuit O-45 for the power supply of network rack at high level.
3. Refer to attached drawing E5.0 - Floor Plan – Communications, removed 3(three) data outlets, replaced and relocated with 2(two) duplex data receptacles for data rack at high level. The description of note 7 is revised.



PANEL '100A'					
400A-347/600V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
PANEL '6L'	100	1 0 2 3 0 4 5 0 6	25	GAS COOLER #10 WIRE	
TVSS #10 WIRE	30	7 0 8 9 0 10 11 0 12	30	COMPACTOR #10 WIRE	
SPACE	-	13 0 14	-	SPACE	
SPACE	-	15 0 16 30	-	BALER #10 WIRE	
SPACE	-	17 0 18	-	SPACE	
SPACE	-	19 0 20	-	SPACE	
SPACE	-	21 0 22 -	-	SPACE	
SPACE	-	23 0 24 -	-	SPACE	
SPACE	-	25 0 26 -	-	SPACE	
SPACE	-	27 0 28 -	-	SPACE	
SPACE	-	29 0 30 -	-	SPACE	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	

PANEL '100B'					
400A-347/600V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
RTU-1, ROOF TOP UNIT #1 WIRE	125	1 0 2 3 0 4 5 0 6	15	RTU-4, ROOF TOP UNIT	
RTU-2, ROOF TOP UNIT #1 WIRE	70	7 0 8 9 0 10 11 0 12	15	RTU-5, ROOF TOP UNIT	
RTU-3, ROOF TOP UNIT #10 WIRE	30	13 0 14 15 0 16 17 0 18	15	RTU-6, ROOF TOP UNIT	
FF-1, EXHAUST FAN	15	19 0 20 21 0 22 23 0 24	30	AC-1, AIR CURTAIN #10 WIRE	
TVSS #10 WIRE	30	25 0 26 - 27 0 28 - 29 0 30 -	-	SPACE	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	

PANEL '6L'					
100A-347/600V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
LIGHTING - SALES - POT LIGHTS	15	1 0 2	15	LIGHTING - SALES	
SPACE	-	3 0 4	-	LIGHTING - SALES	
SPACE	-	5 0 6	-	LIGHTING - SALES	
LIGHTING - SEATING	15	7 0 8	15	LIGHTING - SALES	
LIGHTING - CHECKOUTS	15	9 0 10	15	LIGHTING - SALES	
LIGHTING - OFFICE	15	11 0 12	15	LIGHTING - SALES	
LIGHTING - DELI	15	13 0 14	15	LIGHTING - RECEIVING / WAREHOUSE	
LIGHTING - PHARMACY	15	15 0 16	15	LIGHTING - RECEIVING / WAREHOUSE	
LIGHTING - BAKERY	15	17 0 18	15	LIGHTING - COMPRESSOR ROOM	
LIGHTING - HMR	15	19 0 20	15	LIGHTING - COOLERS	
LIGHTING - SEAFOOD / MEATS / PRODUCE	15	21 0 22	15	LIGHTING - VESTIBULE	
SPACE	-	23 0 24	-	LIGHTING - EXTERIOR	
SPACE	-	25 0 26 -	-	SPACE	
SPACE	-	27 0 28 -	-	SPACE	
SPACE	-	29 0 30 -	-	SPACE	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	

PANEL 'SD-1'					
1200A-1200/208V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
PANEL '2A'	200	1 0 2 3 0 4 5 0 6	100	PANEL '1'	
PANEL '2L'	200	7 0 8 9 0 10 11 0 12	100	PANEL 'F'	
PANEL '2B'	200	13 0 14 15 0 16 17 0 18	400	PANEL 'Y'	
PANEL '12	200	19 0 20 21 0 22 23 0 24	200	PANEL 'SM'	
TVSS	30	25 0 26 27 0 28 29 0 30	200	PANEL 'T'	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	
SPACE	-	43 0 44 -	-	SPACE	
SPACE	-	45 0 46 -	-	SPACE	
SPACE	-	47 0 48 -	-	SPACE	
SPACE	-	49 0 50 -	-	SPACE	
SPACE	-	51 0 52 -	-	SPACE	
SPACE	-	53 0 54 -	-	SPACE	
SPACE	-	55 0 56 -	-	SPACE	
SPACE	-	57 0 58 -	-	SPACE	
SPACE	-	59 0 60 -	-	SPACE	

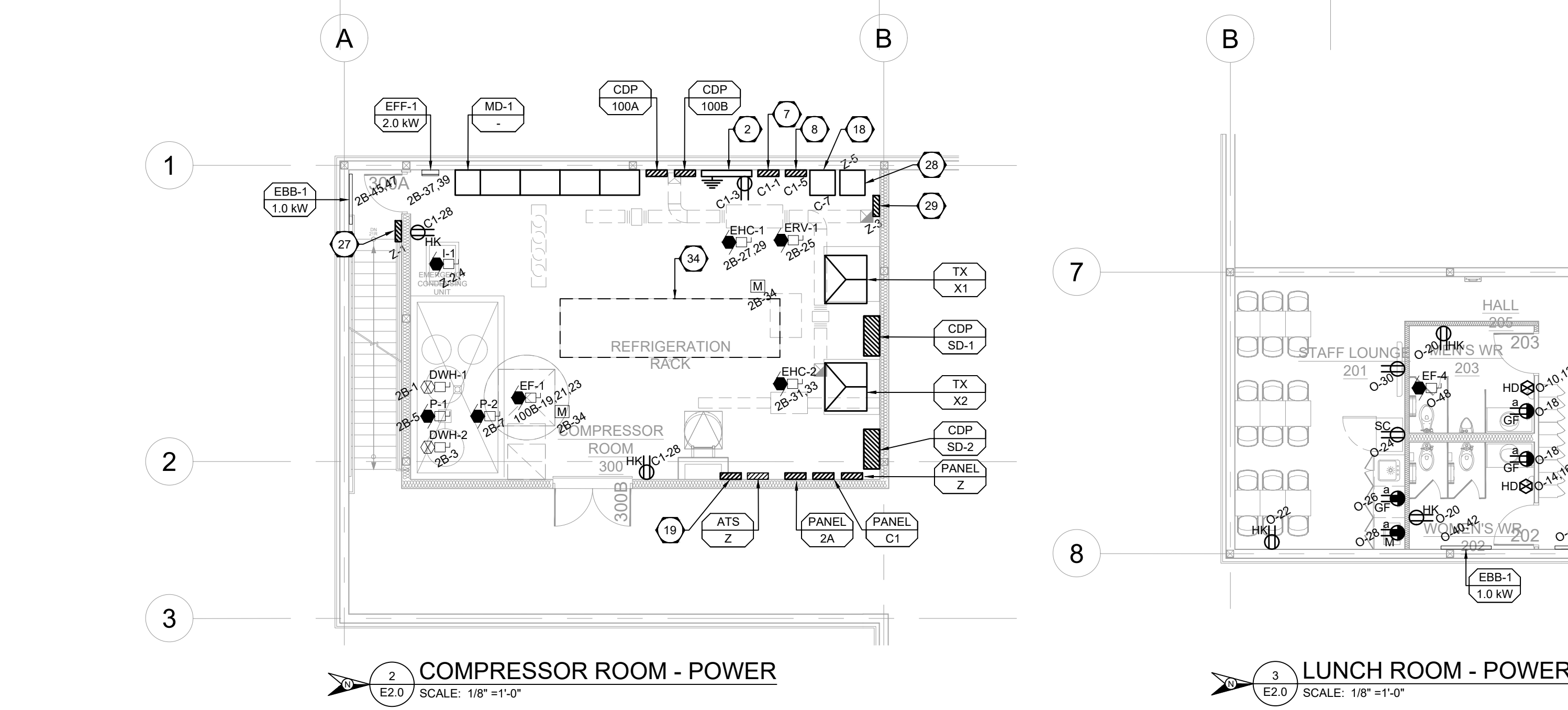
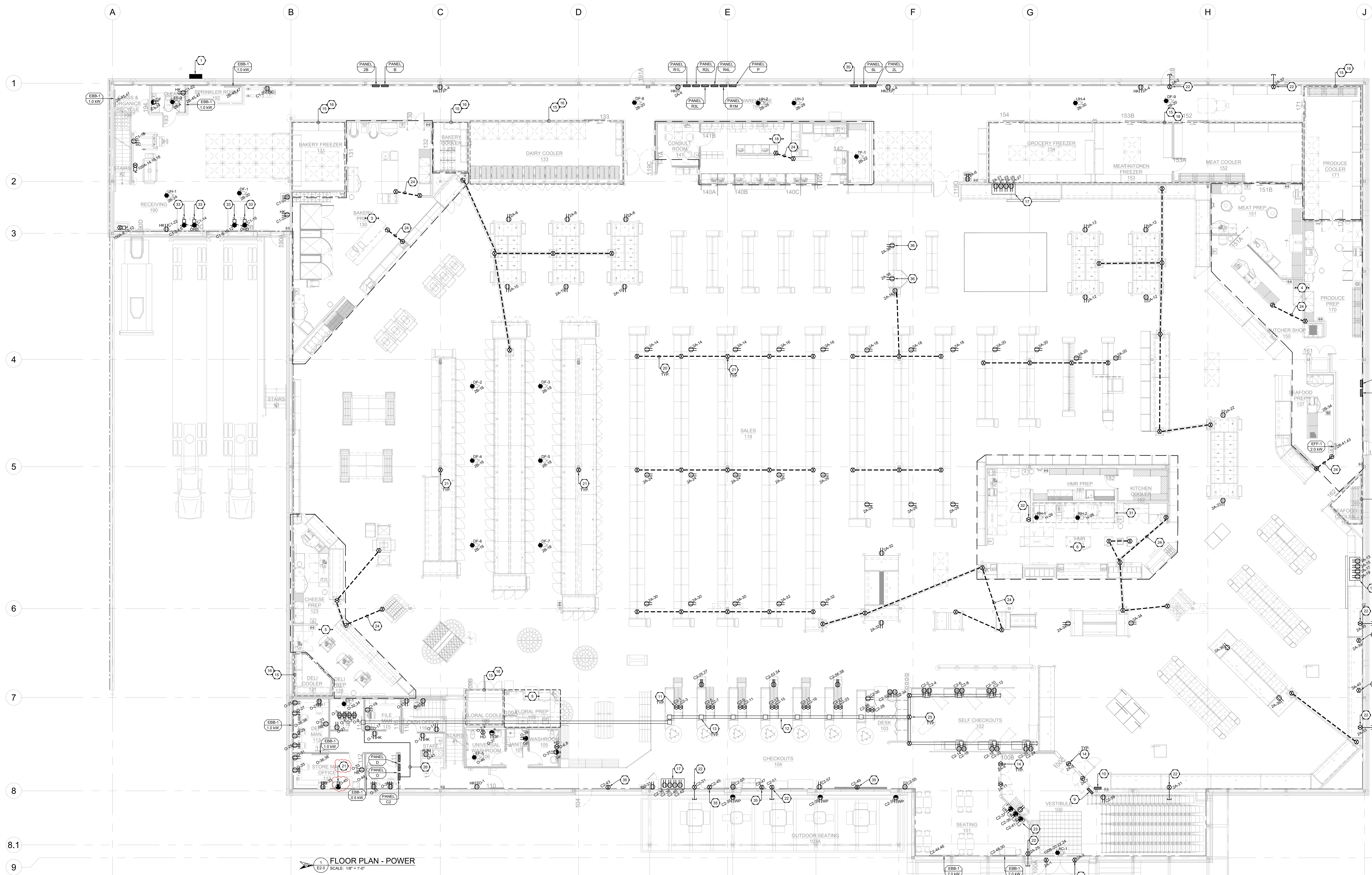
PANEL 'SD-2'					
1200A-1200/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
PANEL 'O'	100	1 0 2 3 0 4 5 0 6	200	PANEL 'R11'	
PANEL 'C1'	100	7 0 8 9 0 10 11 0 12	400	PANEL 'R21'	
PANEL 'R1M'	200	13 0 14 15 0 16 17 0 18	400	PANEL 'R31'	
PANEL 'Z'	100	19 0 20 21 0 22 23 0 24	400	PANEL 'R41'	
SPACE	-	25 0 26 -	-	SPACE	
SPACE	-	27 0 28 -	-	SPACE	
SPACE	-	29 0 30 -	-	SPACE	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	
SPACE	-	43 0 44 -	-	SPACE	
SPACE	-	45 0 46 -	-	SPACE	
SPACE	-	47 0 48 -	-	SPACE	
SPACE	-	49 0 50 -	-	SPACE	
SPACE	-	51 0 52 -	-	SPACE	
SPACE	-	53 0 54 -	-	SPACE	
SPACE	-	55 0 56 -	-	SPACE	
SPACE	-	57 0 58 -	-	SPACE	
SPACE	-	59 0 60 -	-	SPACE	

PANEL '2A'					
200A-1200/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
DOOR OPENER (EXTERIOR)	15	1 0 2	15	EXTERIOR SIGNAGE	
DOOR OPENER (EXTERIOR)	15	3 0 4	15	HOUSEKEEPING RECEPTACLES	
DOOR OPENER (INSIDE)	15	5 0 6	15	WAREHOUSE COMPUTER	
DOOR OPENER (INSIDE)	15	7 0 8	15	SHELVING RECEPTACLE	
DOOR OPENER (INSIDE)	15	9 0 10	15	SHELVING RECEPTACLE	
DOOR OPENER (INSIDE)	15	11 0 12	15	SHELVING RECEPTACLE	
BILLBOARD - NORTH	15	13 0 14	15	SHELVING RECEPTACLE	
BILLBOARD - NORTH	15	15 0 16	15	SHELVING RECEPTACLE	
BILLBOARD - NORTH	15	17 0 18	15	SHELVING RECEPTACLE	
BILLBOARD - NORTH	15	19 0 20	15	SHELVING RECEPTACLE	
BILLBOARD - WEST	15	21 0 22	15	SHELVING RECEPTACLE	
BILLBOARD - WEST	15	23 0 24	15	SHELVING RECEPTACLE	
BILLBOARD - WEST	15	25 0 26	15	SHELVING RECEPTACLE	
BILLBOARD - WEST	15	27 0 28	15	SHELVING RECEPTACLE	
EXTERIOR SIGNAGE	15	29 0 30	15	SHELVING RECEPTACLE	
EXTERIOR SIGNAGE	15	31 0 32	15	SHELVING RECEPTACLE	
EXTERIOR SIGNAGE	15	33 0 34	15	SHELVING RECEPTACLE	
EXTERIOR SIGNAGE	15	35 0 36	15	SHELVING RECEPTACLE	
EXTERIOR SIGNAGE	15	37 0 38	15	LIGHT BOX RECEPTACLES	
DRY TYPE MISTING SYSTEM	15	39 0 40	15	DRY TYPE MISTING SYSTEM	
SPACE	-	41 0 42 -	-	SPACE	
SPACE	-	43 0 44 -	-	SPACE	
SPACE	-	45 0 46 -	-	SPACE	
SPACE	-	47 0 48 -	-	SPACE	
SPACE	-	49 0 50 -	-	SPACE	
SPACE	-	51 0 52 -	-	SPACE	
SPACE	-	53 0 54 -	-	SPACE	
SPACE	-	55 0 56 -	-	SPACE	
SPACE	-	57 0 58 -	-	SPACE	
SPACE	-	59 0 60 -	-	SPACE	
SPACE	-	61 0 62 -	-	SPACE	
SPACE	-	63 0 64 -	-	SPACE	
SPACE	-	65 0 66 -	-	SPACE	
SPACE	-	67 0 68 -	-	SPACE	
SPACE	-	69 0 70 -	-	SPACE	
SPACE	-	71 0 72 -	-	SPACE	
SPACE	-	73 0 74 -	-	SPACE	
SPACE	-	75 0 76 -	-	SPACE	
SPACE	-	77 0 78 -	-	SPACE	
SPACE	-	79 0 80 -	-	SPACE	
SPACE	-	81 0 82 -	-	SPACE	
SPACE	-	83 0 84 -	-	SPACE	

PANEL '2L'					
200A-1200/208V-3PH-4W PANEL SURFACE MOUNTED IN WEST STAFF CORRIDOR					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
LIGHTING - SALES - TRACK	20	1 0 2	15	DECORATIVE LIGHTING	
LIGHTING - SALES - TRACK	15	3 0 4	20	LIGHTING - TRELLIS	
LIGHTING - SALES - TRACK	15	5 0 6	20	LIGHTING - TRELLIS	
LIGHTING - SALES - TRACK	15	7 0 8	20	LIGHTING - TRELLIS	
LIGHTING - DOCK LIGHTS	15	9 0 10	15	LIGHTING - BULKHEAD	
ILLUMINATION SIGNAGE POWER SUPPLY	15	11 0 12	15	ILLUMINATION SIGNAGE POWER SUPPLY	
ILLUMINATION SIGNAGE POWER SUPPLY	15	13 0 14	15	ILLUMINATION SIGNAGE POWER SUPPLY	
ILLUMINATION SIGNAGE POWER SUPPLY	15	15 0 16	15	ILLUMINATION SIGNAGE POWER SUPPLY	
ILLUMINATION SIGNAGE POWER SUPPLY	15	17 0 18	15	ILLUMINATION SIGNAGE POWER SUPPLY	
ILLUMINATION SIGNAGE POWER SUPPLY	15	19 0 20	15	ILLUMINATION SIGNAGE POWER SUPPLY	
ILLUMINATION SIGNAGE POWER SUPPLY	15	21 0 22	15	SPACE	
SPACE	-	23 0 24 -	-	SPACE	
SPACE	-	25 0 26 -	-	SPACE	
SPACE	-	27 0 28 -	-	SPACE	
SPACE	-	29 0 30 -	-	SPACE	
SPACE	-	31 0 32 -	-	SPACE	
SPACE	-	33 0 34 -	-	SPACE	
SPACE	-	35 0 36 -	-	SPACE	
SPACE	-	37 0 38 -	-	SPACE	
SPACE	-	39 0 40 -	-	SPACE	
SPACE	-	41 0 42 -	-	SPACE	

PANEL 'O'					
100A-1200/208V-3PH-4W PANEL RECESS MOUNTED IN OFFICE CORRIDOR					
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION	
MAIN - HOUSEKEEPING	15	1 0 2	15	MAIN - HANDDRYER	
MAIN - IT RACK	20	3 0 4	4	MAIN - HANDDRYER	
MAIN - IT RACK	5	5 0 6	15	MAIN - HANDDRYER	
MAIN - IT RACK	20	7 0 8	8		
MAIN - IT RACK	20	9 0 10	10		
MAIN - CASH OFFICE - SAFE	15	11 0 12	15	SECOND - HANDDRYER	
MAIN - CASH OFFICE - PRINTER	15	13 0 14	15	SECOND - HANDDRYER	
MAIN - CASH OFFICE - RECEIPTALCES	15	15 0 16	16		
MAIN - FILE MANAGER - PRINTER	15	17 0 18	15	SECOND - WASHROOM RECEPTALCES	
MAIN - FILE MANAGE - RECEIPTALCES	15	19 0 20	15	SECOND - HOUSEKEEPING	
MAIN - TELECOM RACKBOARD	20	21 0 22	18	SECOND - HOUSEKEEPING	
MAIN - HOUSEKEEPING	23	23 0 24	15	SECOND - FRIDGE	
MAIN - DEPARTMENT MANAGER - PRINTER	15	25 0 26	20	SECOND - COUNTER RECEIPTALCES	
MAIN - DEPARTMENT MANAGER - RECEIPTALCES	15	27 0 28	15	SECOND - MICROWAVE	
MAIN - DEPARTMENT MANAGER - RECEIPTALCES	15	29 0 30	15	SECOND - TV	
MAIN - STORE MANAGER - PRINTER	15	31 0 32	20		
MAIN - STORE MANAGER - RECEIPTALCES	15	33 0 34	20	EV-1, EVAPORATOR	
MAIN - LEARN OFFICES - RECEPTALCES	15	35 0 36	20		
MAIN - WASHROOM RECEPTALCES	15	37 0 38	15	EBB1 - BASEBOARD HEATER (2 x 1.0 kW)	
MAIN - JANITOR ROOM	20	39 0 40	15	EBB1 - BASEBOARD HEATER (2 x 1.0 kW)	
MAIN - MICROWAVE	15	41 0 42	15	EBB1 - BASEBOARD HEATER (2 x 1.0 kW)	
MAIN - SECURITY RANS	20	43 0 44	15	EBB1 - BASEBOARD HEATER (2 x 1.0 kW)	
- SLOOT DUPLEX RECEPTALCE FOR DATA RACK	20	45 0 46	15	EF-5, EXHAUST FAN	
- SPACE	47	0 48 15	EF-4, EXHAUST FAN		
- SPACE	49	0 50	- SPACE		
- SPACE	51	0 52	- SPACE		
- SPACE	53	0 54	- SPACE		
- SPACE	55	0 56	- SPACE		
- SPACE	57	0 58	- SPACE		
- SPACE	59	0 60	- SPACE		
- SPACE	61	0 62	- SPACE		
- SPACE	63	0 64	- SPACE		
- SPACE	65	0 66	- SPACE		
- SPACE	67	0 68	- SPACE		
- SPACE	69	0 70	- SPACE		
- SPACE	71	0 72	- SPACE		
- SPACE	73	0 74	- SPACE		
- SPACE	75	0 76	- SPACE		
- SPACE	77	0 78	- SPACE		
- SPACE	79	0 80	- SPACE		
- SPACE	81	0 82	- SPACE		
- SPACE	83	0 84	- SPACE		





#### DRAWING NOTES - POWER

- SERVICE ENTRANCE SPLITTER. COORDINATE LOCATION AND CONFIRM EXACT REQUIREMENTS WITH BASKPOWER ON SITE.
- MAIN TELECOM DEMARCATION BACKBOARD.
- REFER TO DRAWING E2.1 FOR ENLARGED DELI POWER DRAWINGS.
- REFER TO DRAWING E2.2 FOR ENLARGED BAKERY AND PHARMACY POWER DRAWINGS.
- REFER TO DRAWINGS E2.3 FOR ENLARGED SEAFOOD, MEATS AND PRODUCE POWER DRAWINGS.
- REFER TO DRAWINGS E2.4 FOR ENLARGED HMR POWER DRAWINGS.
- FIRE ALARM CONTROL PANEL. PROVIDE A DEDICATED CIRCUIT, CIRCUIT BREAKER TO BE PAINTED RED, LABELED FIRE ALARM PANEL, AND BE LOCKED.
- PROVIDE CONDUIT, WIRING AND CONNECTIONS FROM JUNCTION BOX FOR AUTOMATIC DOORS UP TO RESPECTIVE PANEL. COORDINATE WITH DOOR HARDWARE SUPPLIER AND ARCHITECTURAL.
- SECURITY SYSTEM HEAD-END PANEL.
- FIRE ALARM ANNUNCIATOR PANEL. COW MULTILINE DIGITAL DISPLAY INTERFACE. PANEL TO BE SURFACE MOUNTED.

- SECURITY GATE CONTROLLER PANEL. PROVIDE POWER INCLUDING NECESSARY CONTROL WIRING BETWEEN ASSOCIATED COMPONENTS. COORDINATE WITH SECURITY GATE SUPPLIER.
- FOR EACH CHECKOUT STATION. PROVIDE ONE DEDICATED CIRCUIT TO THE UPS AND ONE DEDICATED CIRCUIT FOR THE CONVEYOR BELT, COURTESY RECEPTACLE AND MISCELLANEOUS RECEPTACLE.
- PROVIDE AN UNDERFLOOR WALKERDUCT SYSTEM COMPLETE WITH ALL NECESSARY DUCTS, FITTINGS, SUPPORTS, BOXES AND OTHER REQUIRED ACCESSORIES IN COMPLIANCE WITH PROJECT SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. ALIGN FLOOR DUCTS AND LOCATE AFTERSETS INCLUDING ALL ASSOCIATED FITTINGS/ACCESSORIES IN ACCESSIBLE AREA WITHIN THE DESIGNATED PRIMARY STUBBING AREA OF THE CHECKSTAND. COORDINATE WITH MILLWORK CONTRACTOR, CHECKOUT COUNTER SUPPLIER, ARCHITECTURAL AND STRUCTURAL PRIOR TO ROUGH-IN.
- PROVIDE UNDER FLOOR WALKERDUCT AFTERSETS OF SPECIFIED SIZE (24" AND 14") TO FACILITATE POWER AND COMMUNICATION FEED TO CUSTOMER CHECK STANDS, SELF CHECK-OUT AND SERVICE DESK COMPLETE WITH REQUIRED JUNCTION BOXES, CONDUITS AND FITTINGS.
- PROVIDE CONDUIT, WIRING AND CONNECTIONS FROM JUNCTION BOX FOR AUTOMATIC DOORS UP TO RESPECTIVE PANEL. COORDINATE WITH DOOR HARDWARE SUPPLIER AND ARCHITECTURAL.

- PROVIDE PATHWAYS, CIRCUIT WIRING AND CONNECTIONS TO ACCESS CONTROL SYSTEM. E.G. IS RESPONSIBLE FOR ALL LOW VOLTAGE WIRING BETWEEN SYSTEM DEVICES AND REQUIRED CONNECTIONS TO THE DOOR HARDWARE FOR A COMPLETE AND OPERATION SYSTEM. COORDINATE WITH DOOR HARDWARE SUPPLIER AND SECURITY CONTRACTOR PRIOR TO ROUGH-IN.
- AREA TO BE CONSIDERED A CATEGORY 1 LOCATION AS PER C.E.C. SECTION 22.002. PROVIDE WIRING METHODS, FIXTURES AND DEVICES TO SUIT.
- BILLBOARD RECEPTABLES TO BE RECESSED INTO WALL STRUCTURE BY MINIMUM 50mm. COORDINATE WITH DECOR AND ARCHITECTURE DRAWINGS FOR FINAL MOUNTING HEIGHT AND LOCATIONS.
- DATA RACK. CONFIRM EXACT REQUIREMENTS WITH SOBEYS I.T. DEPARTMENT.
- SITE LIGHTING PANEL. PROVIDED AND INSTALLED BY OTHERS. COORDINATE EXACT REQUIREMENTS WITH GC ON SITE.
- PROVIDE 1" DIAMETER CONDUIT FROM STRUCTURAL COLUMN TO INDICATED GONDOLA. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
- INSTALL JUNCTION BOX EITHER UNDER THE SHELVES (SPACE PERMITTING) OR AT THE INTERNAL LOWER MOST PART OF SHELVING. POWER TO RUN DOWN STRUCTURAL COLUMN AS NEEDED. TYPICAL.

- PROVIDE DEDICATED 1/4 CIRCUIT FOR EXTERIOR SIGNS. COORDINATE WITH ARCHITECT AND SIGN PROVIDER TO DETERMINE EXACT LOCATION AND ELECTRICAL REQUIREMENTS FOR SIGNS.
- CONFIRM MOUNTING HEIGHT OF RECEPTABLES IN DASHED AREA. COORDINATE WITH GENERAL CONTRACTOR AND ISLAND SUPPLIER.
- PROVIDE 1" DIAMETER CONDUIT AS INDICATED. PRIOR TO CONCRETE POURING, EXAMINE SITE AND CONFIRM ROUTING OF CONDUIT WITH GC AND ALL ASSOCIATED TRADES.
- PROVIDE UNDER FLOOR JUNCTION BOX COMPLETE WITH CONDUIT HUB FOR POWER, VOICEDATA AND SECURITY SYSTEM CABLE DISTRIBUTION TO SELF CHECKOUTS, SELF CHECKOUTS AND SERVICE DESK. UNDER FLOOR JUNCTION BOXES TO BE COW NECESSARY DUCTS, CONDUITS, FITTINGS AND PANEL CONNECTORS TO CONNECT THE FLOOR DUCT SYSTEM TO CORRESPONDING ELECTRICAL PANELS.
- RUN POWER AS NOTED FOR CHECKOUTS IN CONDUIT AND IN CEILING. POWER TO DROP DOWN 11" ROOM 112' WALL AND INTO WALK DUCT AS REQUIRED.
- LEAK DETECTOR PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
- EMS SYSTEM PC CABINET. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.
- EMS SYSTEM PANEL. COORDINATE EXACT REQUIREMENTS WITH MICRO THERMO ON SITE.

- EMS SYSTEM LIGHTING CONTROL PANEL. REFER TO DRAWING E7.0 FOR DETAILS.
- WIRE AND CONNECT FIRE SUPPRESSION SYSTEM FOR COOKING LINE HOOD. INTERCONNECT WITH FIRE ALARM SYSTEM TO ACTIVATE A FIRE CONDITION UPON ACTIVATION OF FIRE SUPPRESSION SYSTEM. ALL ELECTRICAL BELOW HOOD TO DE-ENERGIZE UPON FIRE SUPPRESSION DISCHARGE.
- PROVIDE RED SHUT OFF BUTTON AND LAMACOD LABEL AS PER C.E.C. 28-750 TO DE-ENERGIZE EXHAUST FANS ASSOCIATED WITH HOOD. CONFIRM EXACT LOCATION ON SITE. REFER TO MANUFACTURER'S LITERATURE.
- PROVIDE JUNCTION BOX. CONDUIT, WIRING AND CONNECTION FOR COMPACTOR, DOCK LEVELLER, AND OVERHEAD DOOR TO RESPECTIVE PANEL. TO SUIT TENANT FIT-UP REQUIREMENTS.
- COMPRESSOR RACK. WIRE AND CONNECT AS REQUIRED.
- WIRE AND CONNECT ROLLER WINDOW SHADES COW MANUAL CONTROL SWITCH AS REQUIRED. REFER TO SOBEYS MASTER SPECIFICATION FOR DETAILS.
- RECEPTABLES FOR SHELVE LIGHT BOX. RECEPTACLE TO BE MOUNTED BEHIND LIGHT BOX. CONFIRM EXACT REQUIREMENTS WITH MANUFACTURER'S LITERATURE AND RACHELLE BERRY DESIGN PACKAGE.
- DRY TYPE MISTING SYSTEM. COORDINATE PLACEMENT LOCATION AND TYPE AT SITE. CONNECTION AS PER OUTSHEET.
- 20A, 5-20R DEDICATED DUPLEX RECEPTACLE AT HIGH LEVEL FOR THE NETWORK RACK. COORDINATE THE LOCATION ON SITE.

#### GENERAL NOTES

- COORDINATE WITH GC AND OTHER SUBTRADES AND MINIMIZE OR ELIMINATE CONDUIT DROPS TO MAINTAIN THE OVERALL AESTHETIC APPEARANCE OF THE AREA.
- UNDERGROUND CONDUITS TO BE ROUTED CLEAR OF ALL WALK-IN BOX DOORS. VERIFY CLEARANCE REQUIREMENTS WITH COOLER/FREEZER ARCHITECTURAL DRAWINGS.
- INSTALL OUTLETS AT PREPARATION AREA HORIZONTALLY AND AS HIGH AS PRACTICAL TO CLEAR SINK, COUNTER OR TABLE BACKSPASH.
- PROVIDE 2-1/2" DIAMETER SPARE STUB-OUT TO ALL PANELS TO CEILING FOR FUTURE USE. SEAL AND CAP THE CONDUIT.
- ALL EXPOSED ELECTRICAL CONDUITS IN OPEN CEILING AREAS TO BE MOUNTED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF ROOF BECK.
- UNLESS OTHERWISE APPROVED BY OWNER AND ARCHITECT, ALL OUTLETS IN THE REAR STORAGE AREA, LOADING DOCK AND PRODUCE WORK AREA LOCATED BELOW 16'-0" SHALL BE FLUSH MOUNTED. CONCEAL CONDUIT IN WALL. REFER TO ARCHITECTURAL DRAWINGS FOR WALL TYPES AND FINISHES.
- SEAL CONDUITS WHERE PASSING THROUGH FLOOR, EXTERIOR WALLS, CEILING, COOLERS, FREEZERS AND MEAT ROOM.
- SITE VERIFY MOUNTING HEIGHT AND EXACT LOCATION OF ALL OUTLETS PRIOR TO ROUGH-IN. ELECTRICAL CONTRACTOR TO PROVIDE RECEPTABLES TO MATCH PLUG TYPE OF EQUIPMENT. PROVIDE DIRECT CONNECTIONS TO EQUIPMENT FIXTURES WITH CONNECTION BOXES OR TERMINALS. REFER TO MILLWORK DRAWINGS AND FIXTURE OUTSHEETS.
- COORDINATE LOCATIONS AND MOUNTING OF ALL CHECKOUT OUTLETS WITH MILLWORK CONTRACTOR ON SITE DURING CONSTRUCTION. ALL CONNECTIONS ARE TO BE ACCESSIBLE FROM UNDERNEATH.
- ALL CONDUIT AND WIRING IN MEAT COOLER BOX AND MEAT PREP AREA SHALL BE CONCEALED. SURFACE RUN IS NOT ACCEPTABLE.
- ALL RECEPTABLES AND WIRING METHODS WITHIN COOLERS, FREEZERS, SEAFOOD PREP, MEAT PREP, AND PRODUCE PREP AREAS SHALL BE IN ACCORDANCE WITH CEC RULES 22-108 AND 22-200 RESPECTIVELY (CATEGORY 1 LOCATION).
- ALL CONDUIT IN SALES AREA COLUMNS MUST BE MOUNTED ON THE BACKSIDE (FACING REAR OF STORE). REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FURRING FOR COLUMNS.
- ENSURE THERE ARE NO CONDUIT/WIRING RUNS LOCATED BENEATH OVENS, PROOFERS AND FREEZERS.
- ALL WIRING FOR OUTLETS AND DEVICES LOCATED ON PERIMETER BUILDINGS WALLS SHALL BE RUN CONCEALED WHERE VISIBLE TO THE PUBLIC. COORDINATE WITH GENERAL CONTRACTOR.
- VERIFY EXACT LOCATION OF ALL STUB-UP LOCATIONS WITH OWNER'S REPRESENTATIVE, REFRIGERATION CONTRACTOR AND FIXTURE/EQUIPMENT SUPPLIER PRIOR TO ROUGH-IN.
- COORDINATE FINAL EQUIPMENT LOCATIONS WITH MECHANICAL PRIOR TO ROUGH-IN.

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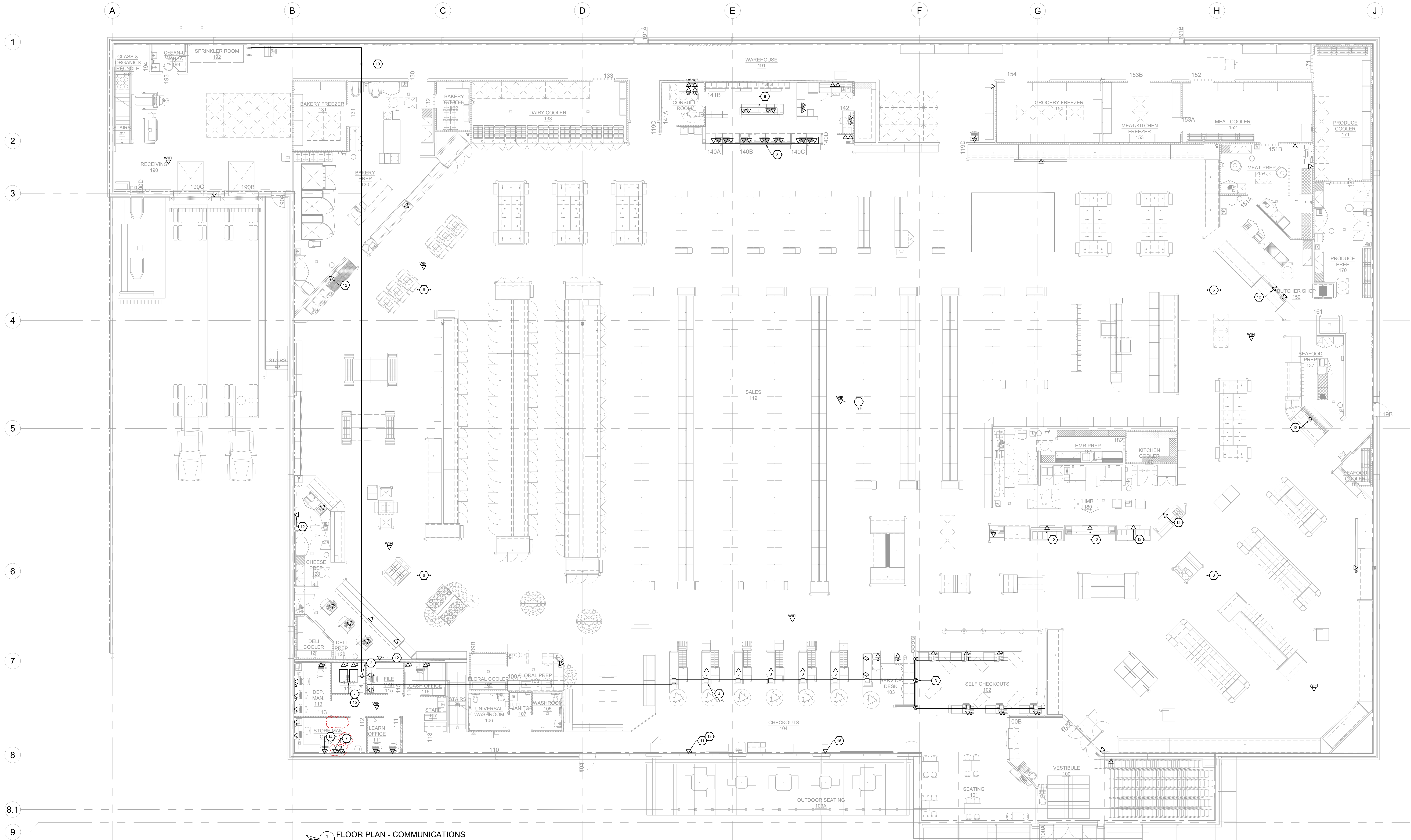
PROJECT TITLE:

**AURORA GROCERY  
STORE**  
2000 ANAQUOD ROAD  
REGINA, SASKATCHEWAN

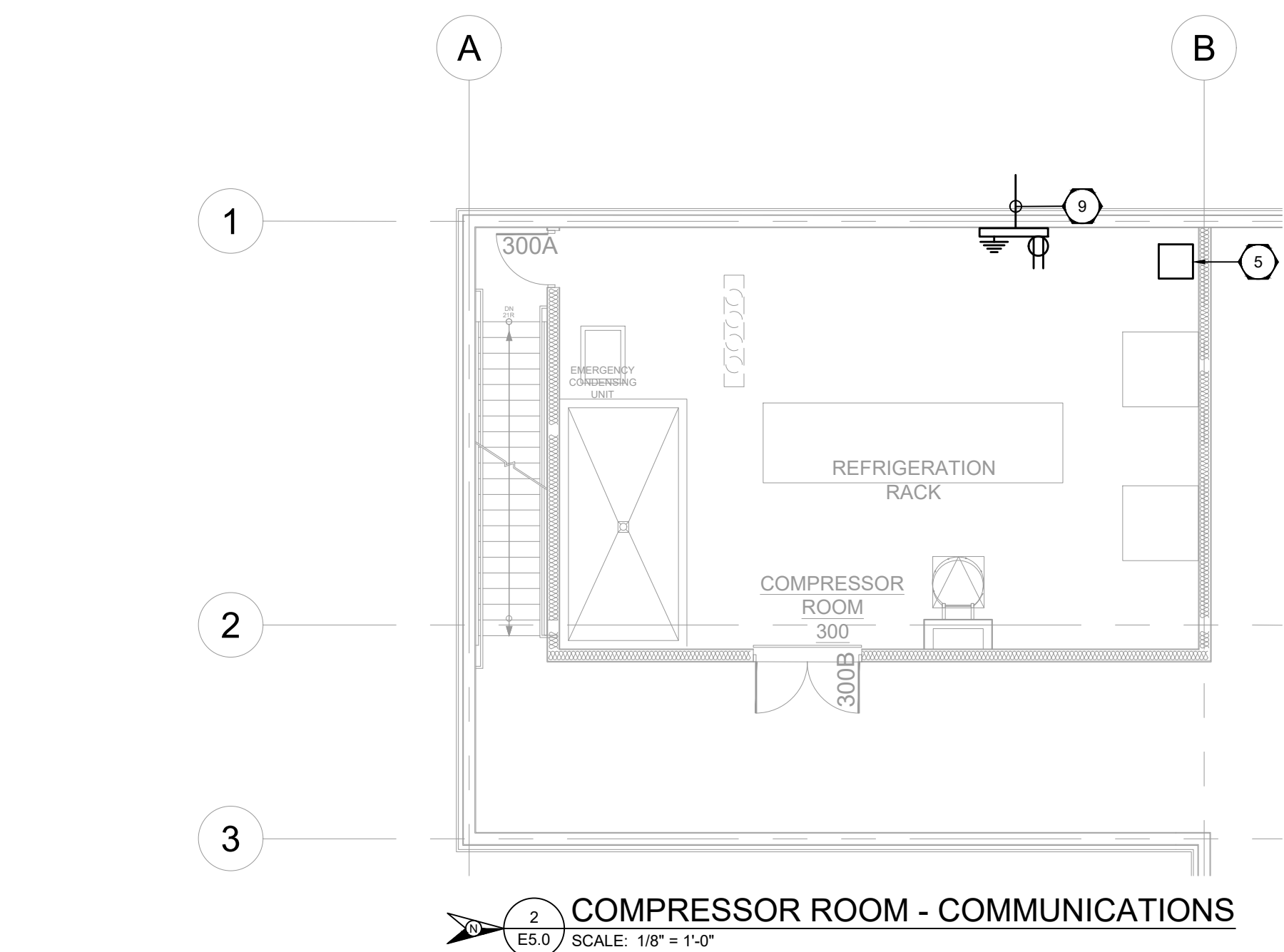
SHEET TITLE:  
**FLOOR PLAN -  
POWER**  
COMMON NUMBER:  
**2445**

SHEET NUMBER:  
**E2.0**

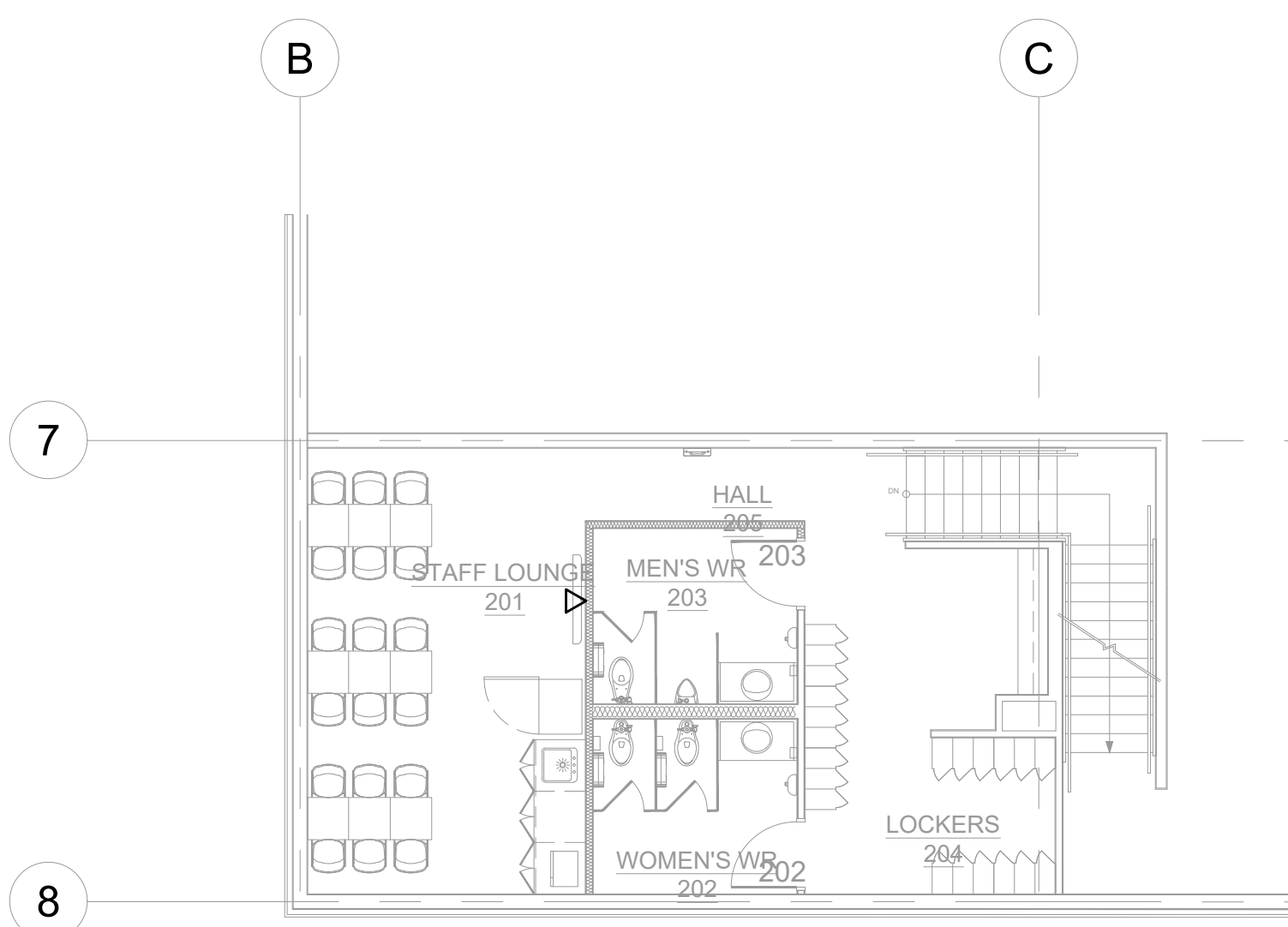




1 FLOOR PLAN - COMMUNICATIONS  
SCALE: 1/8" = 1'-0"



2 COMPRESSOR ROOM - COMMUNICATIONS  
SCALE: 1/8" = 1'-0"



3 LUNCH ROOM - COMMUNICATIONS  
SCALE: 1/8" = 1'-0"

#### DRAWING NOTES - COMMUNICATIONS

- CONFIRM LOCATION WITH SOBEYS I.T. DEPARTMENT WIRELESS ACCESS POINT SPACING.
- DATA WIRING FOR CHECKOUTS TO RUN IN CEILING AND INTO IT ROOM 112 ROOM WALL. WIRING TO RUN DOWN WALL AND INTO WALK DUCT AS REQUIRED.
- PROVIDE UNDER FLOOR JUNCTION BOX AND INSTALL UNDER FLOOR DUCT (FOR VIDEO AND SECURITY CABLES) EXTENDING UP TO DATA ROOM C/W ASSOCIATED ELBOW, BOXES AND CONDUITS UP TO THE ASSOCIATED ELBOW, BOXES AND CONDUITS UP TO THE CONCERNED EQUIPMENT SYSTEM RACK. THIS NOTE SHALL BE READ IN CONJUNCTION WITH THE RELEVANT NOTE OF DRAWING NO. E2.0 - MAIN FLOOR POWER DRAWING.
- PROVIDE ATTENSETS FROM UNDER FLOOR DUCT COMMUNICATION COMPARTMENT FOR DATA CABLES C/W NECESSARY ADAPTERS, BOXES AND CONDUITS UP TO THE REQUIRED DATA POINTS AS PER REQUIREMENTS OF SELF CHECKOUT, SERVICE DESK AND CHECKOUT COUNTER. COORDINATE WITH G.C. AND CHECKOUT COUNTER SUPPLIER PRIOR TO ROUGH IN. THIS NOTE SHALL BE READ IN CONJUNCTION WITH THE RELEVANT NOTE OF DRAWING NO. E2.0 - MAIN FLOOR POWER DRAWING.
- COORDINATE WITH DATA CONTRACTOR FOR CONFIRMED LOCATION OF REMOTE DATA CABINET. PROVIDE 2" DIAMETER CONDUIT FROM DATA CABINET LOCATION I.T. ROOM.

- COORDINATE WITH SAFEWAY REPRESENTATIVE AND FIXTURE SUPPLIER FOR LOCATIONS OF ADDITIONAL DATA POINTS.
- RECEPTACLES AT HIGH LEVEL FOR THE NETWORK RACK. COORDINATE THE LOCATION ON SITE.
- MOUNT DATA OUTLETS ON MILLWORK SURFACE AT 24" A.F.F. COORDINATE WITH SOBEYS PROJECT MANAGER.
- PROVIDE ONE(1) 3" RIGID PVC CONDUIT C/W PULL STRING FOR COMMUNICATION CABLE. RUN CONDUIT FROM TELEPHONE CABLE PEDISTAL TO TELEPHONE BACKBOARD IN SERVICE MEZZANINE. PRIOR TO INSTALLATION, PERFORM SITE SURVEY TO VERIFY LOCATION AND ROUTING PATH OF COMMUNICATIONS CONDUIT. COORDINATE WITH SOBEYS REPRESENTATIVE AND SPVENDOR.
- PROVIDE A DEDICATED 4" EMT CONDUIT C/W PULL STRING ON A FIVE(5) METER TRAY C/W ALL NECESSARY MOUNTING HARDWARE FROM TELEPHONE BACKBOARD IN SERVICE MEZZANINE TO SERVER RACK IN I.T. ROOM.
- MOUNT DATA OUTLET AT SAME HEIGHT AS RECEPTACLE AND PROVIDE A 2" SEPARATION FROM RECEPTACLE. COORDINATE WITH G.C. AND DIGITAL BILLBOARD SUPPLIER FOR LOCATION OF PULL PORT ON DIGITAL BILLBOARD.
- MOUNT DATA OUTLET AT SAME HEIGHT AS RECEPTACLE AND PROVIDE A 2" SEPARATION FROM RECEPTACLE.

- SUPPLY AND INSTALL CAT5 SHIELDED CABLE TO BILLBOARD RACK IN STORE MANAGERS OFFICE. DO NOT TERMINATE CABLE IN WALL PLATE AT THE BILLBOARD LOCATION. COORDINATE WITH BILLBOARD INSTALLER FOR THE LENGTH OF CABLE REQUIRED FOR CONNECTION TO THE BILLBOARD FROM THE WALL.
- PROVIDE TWO RJ45 PORTS IN DATA OUTLET. PROVIDE AND INSTALL ONE CAT5 CABLE ENGAGED IN A 3/4" EMT CONDUIT AND RUN TO PC CABINET IN SERVICE MEZZANINE. PROVIDE AND INSTALL ONE CAT5 CABLE IN EMT CONDUIT AND RUN TO SERVICE RACK IN IT ROOM. LABEL PORTS ACCORDINGLY. COORDINATE WITH MICRO THERMO REPRESENTATIVE.
- PROVIDE AND INSTALL ONE CAT5 CABLE ENGAGED IN A 3/4" EMT CONDUIT AND RUN TO PC CABINET IN SERVICE MEZZANINE. TERMINATE CABLE IN PATCH PANEL AND LABEL ACCORDINGLY. COORDINATE WITH MICRO THERMO REPRESENTATIVE.
- PROVIDE AND INSTALL ONE 1/2" EMT CONDUIT C/W PULLSTRING FROM SERVER RACK IN IT ROOM FOR ATM MACHINE DATA.

#### GENERAL NOTES

- GENERAL CONTRACTOR SHALL ENSURE THAT ALL WORK REQUIRED FOR THE COMMUNICATION AND SECURITY SYSTEMS ARE INSTALLED COMPLETE AND OPERATIONAL PRIOR TO STORE OPENING. ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE INFRASTRUCTURE (CONDUITS, PATHWAYS) FOR THE COMMUNICATION AND SECURITY SYSTEMS. SUPPLY AND INSTALL OF DATA CABLEING IS BY SOBEYS AND THEIR PREFERRED DATA CABLEING PROVIDER.
- CONVERT - 825-11 ST. SE SUITE 240, CALGARY, ALBERTA T2N 2Z2 CONTACT: SHAWN SMITH (403-860-5030)
- ALL EXPOSED ELECTRICAL CONDUITS IN OPEN CEILING AREAS TO BE MOUNTED AS CLOSE AS POSSIBLE TO THE UNDERSIDE OF ROOF BEAM.
- ALL OUTLETS IN REAR STORAGE AREA, LOADING DOCK AND PRODUCE WORK AREA BELOW 18" SHALL BE FLUSH MOUNTED. CONICAL CONDUIT IN WALL.
- SEAL CONDUITS WHERE PASSING THROUGH CEILINGS, COULERS, FREEZERS AND MEAT ROOM.
- SUPPLY AND INSTALL CONDUIT AND OUTLET/JUNCTION BOXES ONLY UNLESS NOTED OTHERWISE. PROVIDE COVER PLATES FOR ALL PULL BOXES AND JUNCTION UNLESS NOTED OTHERWISE. PROVIDE NYLON PULL STRING.
- ALL JUNCTION BOXES SHALL BE 6" SQUARE X 2" DEEP UNLESS NOTED OTHERWISE.
- CLEARLY MARK ALL CONDUIT WITH CORRESPONDING TERMINATION POINT.
- COORDINATE LOCATION AND MOUNTING HEIGHTS OF OUTLETS WITH G.C. PRIOR TO ROUGH-IN.
- ALL CONDUIT INSTALLED ON SALES AREA COLUMNS MUST BE MOUNTED ON THE BACK SIDE FACING REAR OF STORE. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF FLOORING FOR COLUMNS.
- FIRE STOPPING OF ELECTRICAL CONDUITS PASSING THROUGH RATED ASSEMBLIES SHALL BE BY THE ELECTRICAL CONTRACTOR. REFER TO ARCHITECTURAL SPECIFICATIONS FOR DETAILED FIRE-STOPPING REQUIREMENTS.

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(204) 272-3255  
ENGINEERING LTD. PROJECT NO: 24258

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