

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:** September 5, 2025

**PAGES:** 7 (including cover)

**RE: Security Layout Revisions**

### 1.0 ELECTRICAL

- .1 Refer to attached Electrical PCN #13, dated September 4, 2025 (5 pages).  
 Provide credit for deleted items.
- .2 GC/EC to provide conduit for Chubb to be able to run all alarm wiring run in conduit.
- .3 Conduit in Stockroom / Compressor Room / Receiving can be surface mounted.  
 All remaining conduit to be concealed within the wall.
- .4 GC/EC to coordinate locations with alarm installing company for devices  
 Chubb security layout attached for reference, dated August 28, 2025 (1 page).
- .5 Door #119A requirements previously deleted in PCN 2445-07.

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Principal  
 Kevin Fawley, SAA MRAIC



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Project: Aurora Grocery Store  
2000 Anaquod Road, Regina, Saskatchewan  
Subject: Security Layout Revisions  
Date: 2025.09.04

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Subject: Security Layout Revisions  
References: Electrical Drawing E0.0 – Symbols and Legends  
Electrical Drawing E0.2 – Schedules  
Electrical Drawing E6.0 – Floor Plan – Security

1. Refer to attached drawing E6.0 for revisions to the security system design and rough-in requirements for the security system. Confirm exact requirements with Sobey's security system representative on site prior to rough-in. **Provide a credit to the owner's for security scope that has been removed from the project as shown on drawing E6.0.** See below for itemized list of changes:
  - 1.1. Access-Secured Door:
    - 1.1.1. Deleted from doors #190B, #190C.
    - 1.1.2. Added to interior side of door #190A.
    - 1.1.3. Deleted from impact doors #119A, #119D.
    - 1.1.4. Deleted from interior vestibule door #110C.
    - 1.1.5. Added to interior side of door #104.
    - 1.1.6. Added to door #110.
  - 1.2. Key-pad:
    - 1.2.1. Added to doors #190A, #140D and #104.
  - 1.3. Piezo Electric Alarm:
    - 1.3.1. Deleted from doors #191A, #191B, #119B.
  - 1.4. Security Panel:
    - 1.4.1. Added one(1) keynote #1 Security panel in 'IT Room 114'.
  - 1.5. Security System Siren / Strobe:
    - 1.5.1. Added to doors #191A, #191B and #119B.
  - 1.6. Electric Strike:
    - 1.6.1. Added to door #110.
  - 1.7. Door Contact:
    - 1.7.1. Added to doors #141A, #140D, and #110.
    - 1.7.2. Added to roof access hatch in 'Compressor Room 300'.



- 1.8. Motion Sensor:
  - 1.8.1. Added to "Receiving 190", 'Pharmacy Prep 140', 'Cash Office 116', "Seating 101", 'Vestibule 100'.
- 1.9. Glass Break Sensors:
  - 1.9.1. Added four(4) to 'Checkouts 104' and one(1) to 'Seating 101'.
- 1.10. Temperature Detector:
  - 1.10.1. Added two(2) to 'Compressor Room 300'.
- 1.11. Security System Siren Only
  - 1.11.1. Added to door #110.
- 2. Refer to attached drawing E0.0 for additional symbols related to the security system.
- 3. Refer to attached drawing E0.2 for one(1) additional 20A-1P circuit to serve the security equipment panel and access controller point.
  - 3.1. Provide one(1) duplex receptacle and one(1) data for the security equipment panel and access controller point in 'Compressor Room 300' and 'IT Room 114'.
- 4. Keynote #1 on drawing E6.0 is revised to read the following:
  - 4.1. 'PROPOSED LOCATION OF SECURITY EQUIPMENT PANEL AND ACCESS CONTROLLER POINT. PROVIDE ALL NECESSARY CONDUITS USING 3/4" DIAMETER MINIMUM. PROVIDE ONE(1) 120V DUPLEX RECEPTACLE AND ONE(1) DATA. COORDINATE WITH SECURITY SYSTEM CONTRACTOR PRIOR TO ROUGH-IN.'
- 5. Keynote #6 on drawing E6.0 is revised to read the following, now related to the 'Compressor Room 300' roof access hatch:
  - 5.1. 'DOOR CONTACT FOR SERVICE ROOF ACCESS HATCH. CONFIRM EXACT REQUIREMENTS AND FINAL LOCATION WITH SOBEYS SECURITY REPRESENTATIVE.'
- 6. Keynote #9 on drawing E6.0 is revised to read the following, now related to the door contacts for the 'Receiving 190' overhead doors:
  - 6.1. 'DOOR CONTACT SERVING OVERHEAD DOORS. CONFIRM EXACT REQUIREMENTS AND FINAL LOCATION WITH SOBEYS SECURITY REPRESENTATIVE.'
- 7. General note #2 is added to drawing E6.0 and reads the following:
  - 7.1. 'ALL SECURITY SYSTEM WIRING IS TO BE RUN IN CONDUIT AND BE CONCEALED. SURFACE MOUNT CONDUIT FOR SECURITY SYSTEMS IS ACCEPTABLE IN 'WAREHOUSE 191', 'RECEIVING 190' AND 'COMPRESSOR ROOM 300.'



GENERAL NOTES

- GENERAL NOTES APPLY TO ALL ELECTRICAL DRAWINGS.
- PLYWOOD BACKING FOR ELECTRICAL MUST HAVE A FLAME SPREAD RATINGS NOT EXCEEDING THE MAXIMUM FLAME SPREAD RATING OF THE SURFACE TO WHICH IT IS APPLIED. USE FIRE RETARDANT MATERIALS FOR PLYWOOD BACKING AS REQUIRED. APPLY TWO COATS OF CANULC-APPROVED INTUMESCENT PAINT ON ALL SIX SIDES, OR AS DIRECTED BY THE MANUFACTURER. CONFIRM FLAME SPREAD REQUIREMENTS BY AREA WITH ARCHITECTURAL.
- REVIEW HAZARDOUS LOCATIONS FOR EACH AREA. PROVIDE AN INSTALLATION SATISFYING THE HAZARDOUS LOCATIONS REQUIREMENT FOR EACH CLASSIFIED ZONE PER SECTION 18 OF THE CEC.
- PROVIDE VAPOUR-TIGHT SEAL IN AND AROUND ALL CONDUITS THAT PERCEE COOLER OR FREEZER WALLS. FILL ALL OPENINGS & CONDUITS WITH SEALING COMPOUND AS REQUIRED.
- IN BACK ROOM, PAINT A 1M CLEAR SPACE ON THE FLOOR, IN FRONT OF ALL ELECTRICAL PANELS AND SWITCHGEAR. PROVIDE STANDARD SIGN ON PANEL'S EXTERIOR.
- ELECTRICAL CONTRACTOR SHALL REFER TO HVAC, PLUMBING AND SPRINKLER DRAWINGS FOR ADDITIONAL ELECTRICAL WORK TO BE INCLUDED IN THIS CONTRACT. THESE DRAWINGS SHALL BE CONSIDERED PART OF THE ELECTRICAL DRAWINGS AND THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL CONDUIT AND WIRING AS REQUIRED TO MAKE SYSTEMS COMPLETE AND OPERATIONAL.

GENERAL NOTES - LIGHTING

- REFER TO REFLECTED CEILING PLANS FOR EXACT LOCATIONS. REFER TO ELEVATIONS FOR MOUNTING HEIGHTS.
- LIGHTING CONTROL LINES SHOWN ARE DIAGRAMMATIC ONLY. PROVIDE WIRING AND CONTROLS TO SUIT.
- WHERE SHOWN, LOWER CASE LETTERS DENOTE CONTROL GROUPS. (CAPITAL LETTERS DENOTE FIXTURE TYPES.)
- LIGHTING PLANS DO NOT SHOW ALL CEILING FEATURES. REVIEW ARCHITECTURAL, INTERIOR, STRUCTURAL, FIRE PROTECTION, MECHANICAL, AND OTHER DIVISIONS' PLANS FOR RAILHEADS, BEAMS, DUCTS, AND OTHER PROJECTIONS OR OBSTRUCTIONS AFFECTING THE CEILING AND LIGHTING PLACEMENT. COORDINATE FINAL LIGHTING PLACEMENT WITH OTHER DIVISIONS ON SITE.
- LIGHTS IN T&B CEILINGS TO BE CENTERED WITHIN, AND EVENLY SPACED ALONG CEILING GRID. COORDINATE EXACT QUANTITIES AND LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLAN.
- IN AREAS WHERE SUSPENDED LIGHTING AND DIFFUSERS ARE BOTH PRESENT, COORDINATE INSTALLATION WITH MECHANICAL, TO ENSURE THAT DIFFUSERS DO NOT DISCHARGE DIRECTLY ONTO LIGHT FIXTURES AFTER VENTILATION SYSTEM START UP. VERIFY THAT LIGHT FIXTURES REMAIN IN A FIXED POSITION, RELOCATE OR RESTRAIN SUSPENDED FIXTURES AS REQUIRED TO ENSURE THEY REMAIN IN A FIXED POSITION.

GENERAL NOTES - SINGLE LINE

- MAIN CIRCUIT BREAKER MUST BE FULLY RATED. ALL OTHER CIRCUIT BREAKERS ARE TO BE SERIES RATED.
- ENSURE ALL WIRING AND CIRCUIT BREAKERS ARE SIZED AS PER THE NAMEPLATE RATING INDICATED ON THE EQUIPMENT.
- ALL ELECTRICAL DISTRIBUTION EQUIPMENT SHALL BE CW ADEQUATE PROVISION FOR FUTURE METERING AS PER THE LATEST EDITION OF THE ENERGY CODE.
- SERVICE ENTRANCE CONDUCTORS AND FEEDERS ARE SIZED FOR ANTICIPATED VOLTAGE DROP ASSUMING SHORTEST PATH ROUTING THROUGH HORIZONTAL ASSEMBLIES WITH SEGMENTS AT RIGHT ANGLES TO GROUNDES. SITE-COORDINATE EXACT ROUTINGS AND CIRCUIT LENGTHS WITH ALL DISCIPLINES (E.G. ARCHITECTURAL, STRUCTURAL, MECHANICAL). VERIFY VOLTAGE DROP BASED ON SITE-COORDINATED LENGTHS AND UPSIZE CONDUCTORS TO SATISFY ELECTRICAL CODE AND ENERGY CODE VOLTAGE DROP MAXIMUMS. UNLESS OTHERWISE INDICATED, CONDUCTOR SIZES FOR BRANCH WIRING GIVEN IN THESE CONSTRUCTION DOCUMENTS ARE FOR THE MAXIMUM ALLOWABLE VOLTAGE DROP. VERIFY, SITE-COORDINATE, AND UPSIZE ALL BRANCH WIRING CONDUCTORS AS REQUIRED TO ACCOMMODATE VOLTAGE DROP TYPICAL FOR ALL SERVICE ENTRANCE, FEEDER, AND BRANCH CIRCUIT CONDUCTORS.
- PROVIDE ALL NEUTRALS AND BONDS (NOT NECESSARILY SHOWN).
- PROVIDE HOUSE-KEEPING PADS BENEATH FLOOR MOUNTED ELECTRICAL DISTRIBUTION EQUIPMENT. PADS TO EXTEND 4" PAST OUTLINE OF EQUIPMENT FOOTPRINT AND NOT INTERFERE WITH DOOR SWINGS OR CLEAR PATH OF TRAVEL. COORDINATE PAD CONSTRUCTION AND LOCATIONS SITE.

GENERAL NOTES - POWER & COMMUNICATION

- REFER TO ELEVATIONS FOR OUTLET HEIGHTS, WHERE OUTLET HEIGHTS ARE NOT SHOWN, COORDINATE HEIGHTS WITH THE ASSOCIATED EQUIPMENT OR MILLWORK AND CONFIRM WITH OWNER ON SITE.
- ELECTRICAL ROOM LAYOUT(S) SHOWN ARE SCHEMATIC ONLY. COORDINATE FINAL LAYOUT(S) OF EQUIPMENT IN ELECTRICAL ROOM(S) WITH EQUIPMENT SELECTIONS AND SITE CONDITIONS. SUBMIT SHOP DRAWINGS FOR ALL DISTRIBUTION EQUIPMENT ACCOMPANIED BY A DIAGRAM INDICATING THE INSTALLED FOOTPRINTS AND CLEARANCES OF THE EQUIPMENT IN THE ELECTRICAL ROOM(S) FOR THE ELECTRICAL CONSULTANT'S REVIEW.
- ALL FLOOR BOXES STAMPED STEEL OR CAST IRON WITH BRASS OR STAINLESS ADJUSTABLE COVERS/PLATES AND SEPARATE FLUP-UP OUTLET COVERS INSTALLED BE FLUSH WITH FINISHED FLOOR. CONFIRM FINISHES WITH ARCHITECTURAL. SUBMIT SHOP DRAWINGS FOR FLOOR RECEPTACLE BOXES AND COVERS.
- SECONDARY BACKBOARDS FOR CCTV, ACCESS CONTROL, AND COMMUNICATIONS CABLES ARE SHOWN ON PLANS. HOME RUN CABLES TO BACKBOARDS INDICATED IN DRAWING NOTES. CONFIRM EXACT REQUIREMENTS WITH OWNER ON SITE.
- CONDUIT SIZES SHOWN ARE FOR GENERAL GUIDANCE AND PRICING PURPOSES ONLY AND MUST BE VERIFIED BY THE ELECTRICAL CONTRACTOR PRIOR TO PURCHASING MATERIALS OR UNDERTAKING ANY WORK. PLAN OUT ALL WIRING WITHIN CONDUIT SHOWN TAKING INTO CONSIDERATION ALL WIRES (COUNTS, SIZES, ETC.), ALLOWABLE FILL PERCENTAGE AND ALL OTHER PERTINENT INFORMATION AFFECTING THE CONDUIT SIZES. INFORM THE ELECTRICAL CONSULTANT BEFORE PURCHASING MATERIALS IF COSTS ARE FOREGOINGLY INCREASED AS INFORMED BY THIS VERIFICATION. NO COMPENSATION WILL BE CONSIDERED FOR EXPENSES ASSOCIATED WITH UP-SIZING PURCHASED OR INSTALLED MATERIALS WHICH HAVE BEEN INADEQUATELY SIZED AS A RESULT OF OMITTING THIS STEP.
- "HK" DENOTES RECEPTACLE FOR HOUSEKEEPING RECEPTACLE. PROVIDE LAMACODI LABEL INDICATING HOUSEKEEPING RECEPTACLE.

GENERAL NOTES - LIFE SAFETY

- PROVIDE A FIRE ALARM VERIFICATION INSPECTION REPORT FOR ALL FIRE ALARM DEVICES OR CIRCUITS ADDED OR MODIFIED. REPORTS TO BE SUBMITTED PRIOR TO REQUESTING FIELD REVIEWS OR OCCUPANCY LETTERS. FOR PHASED PROJECTS, PROVIDE A FIRE ALARM VERIFICATION INSPECTION REPORT UPON COMPLETION OF EVERY PHASE.
- REVIEW THE LOCATIONS OF DUCTS AND FANS, AND THE SHAPES OF CEILINGS WHERE FIRE DETECTORS AND ALARMS ARE SHOWN ON THE PLANS. ENSURE THAT INSTALLATION CAN BE PERFORMED ACCORDING TO APPLICABLE CODES AND CANULC STANDARDS. NOTIFY THE ELECTRICAL CONSULTANT OF ANY AREAS WHERE SLOPES, CAVITIES, VAULTS OR OTHER FEATURES OF THE CEILING MAY CONFLICT WITH THE DETECTOR/ALARM PLACEMENT OR COVERAGE SHOWN ON THE PLANS OR RESULTS IN A CHANGE IN THE TOTAL NUMBER OF DEVICES REQUIRED TO MEET THE DESIGN INTENT. AFTER WIRING METHODS ARE CONCEALED, IMPROPERLY REVIEWED OR COORDINATED DETECTOR AND ALARM PLACEMENT OR COVERAGE SHALL BE CORRECTED OR SUPPLEMENTED WITH ADDITIONAL DEVICES AT NO CHARGE TO CONTRACT TIME OR COST BY THE CONTRACTOR AT THE DISCRETION OF THE ELECTRICAL CONSULTANT.
- COMBINATION SMOKE-CARBON MONOXIDE ALARMS SHALL BE PROVIDED (INSTEAD OF SMOKE ALARMS) IN ALL ROOMS SHARING FLOOR/CEILING AND/OR WALL ASSEMBLIES WITH ROOMS CONTAINING GAS EQUIPMENT OR APPLIANCES. REVIEW MECHANICAL DRAWINGS FOR GAS EQUIPMENT LOCATIONS.
- ALL HORNS AND STROBES TO BE FIELD-ADJUSTABLE. ADJUST HORNS AND STROBES TO MEET TARGET AUDIBILITY AND VISIBILITY REQUIREMENTS THROUGHOUT FLOOR AREA.
- ALL EGRESS SIGNS AND EMERGENCY LIGHTING REMOTE HEADS SHALL BE INSTALLED AS SEPARATE DEVICES EXCEPT THAT COMBINATION SIGNS ARE PERMITTED TO BE SUBSTITUTED WHERE EGRESS SIGNS AND EMERGENCY LIGHTING REMOTES ARE SHOWN COMBINED AS ONE SYMBOL ON THE PLANS. CONFIRM THAT CEILING HEIGHTS, CLEARANCES, AND ALL OTHER PHYSICAL REQUIREMENTS ARE SATISFIED BEFORE INSTALLING COMBINATION SIGNS.

LIGHTING LEGEND		
SYMBOL	ITEM	REMARKS
	LINEAR LUMINAIRE	
	CEILING MOUNTED LUMINAIRE	"F" - DENOTES TYPE. REFER TO LUMINAIRE SCHEDULE.
	WALL MOUNTED LUMINAIRE	"NL" - DENOTES LUMINAIRE TO BE ON NON-SWITCHED NIGHT LIGHT CIRCUIT.
	POLE MOUNTED LUMINAIRE	"EM" - DENOTES LUMINAIRE TO BE ON EMERGENCY POWER.
		"WG" - DENOTES LUMINAIRE CW WIRE GUARD.
		"D" - DENOTES DIMMER.
		"OC" - DENOTES OCCUPANCY SENSOR.
		"WP" - DENOTES WEATHERPROOF PVC COVER.
		"S" - DENOTES 3-WAY SWITCH.
		"4" - DENOTES 4-WAY WATTAGE TO SUIT.
		"PL" - DENOTES PILOT LIGHT. WIRE SO LIGHT IS ON WHEN LUMINAIRE IS OFF.
		"MFR ACUTY CONTROLS CMR 9, OR EQUAL.
		"L" - DENOTES LOW TEMPERATURE MODEL.
	CEILING MOUNTED OCCUPANCY SENSOR	MFR ACUTY CONTROLS CMR 9, OR EQUAL.
	TIME CLOCK	
	PHOTOCCELL	
	LIGHTING CONTROL WIRING	CONTROL DEVICES ARE INTERCONNECTED FOR JOINT CONTROL OF LIGHTING.
	LUMINAIRE CONTROL WIRING	LUMINAIRES GROUPED SWITCH AND DIM TOGETHER.
NOTE: 1. REFER TO ARCHITECTURAL FOR ADDITIONAL LIGHTING PLAN SYMBOLS REPRESENTING LUMINAIRES NOT DEPICTED IN THIS SCHEDULE. ALL LUMINAIRES ON PLANS ARE LABELED WITH A TYPE CORRESPONDING TO FIXTURE INFORMATION IN THE LUMINAIRE SCHEDULE.		

LIFE SAFETY LEGEND		
SYMBOL	ITEM	REMARKS
	SMOKE DETECTOR	"A" - DENOTES 120V HARDWIRED SMOKE ALARM CW WITH CARBON MONOXIDE (CO) DETECTION. WIRE TO "UNSWITCHED HOT" OF LOCAL LIGHTING CIRCUIT. "CO" - DENOTES CARBON MONOXIDE DETECTOR CW SOUNDER BASE. CO DETECTION SHALL BE TO MEC 6.2.4.2 AND NFPA 720.
	PULL STATION	FIRE ALARM PULL STATION DEVICE.
	HEAT DETECTOR	"FT" DENOTES FIXED TEMP. "MP" DENOTES MOISTURE PROOF.
	HOLD OPEN DEVICE	PROVIDE POWER AND SMOKE DETECTION WITHIN 1.5M OF CLOSURE. WIRE AND CONNECT 120V POWER SUPPLY AND DETECTORS, AND INTERCONNECT WITH FIRE ALARM SYSTEM DEVICE TO RELEASE UPON ANY SIGNAL OF THE FIRE ALARM SYSTEM OR LOSS OF NORMAL POWER (FAL SAFE).
	FIRE ALARM STROBE	"C" DENOTES CEILING MOUNTED. STROBE TO BE SET TO 150d UNLESS OTHERWISE NOTED.
	FIRE ALARM WITH HORN STROBE LIGHT	"C" DENOTES CEILING MOUNTED. STROBE TO BE SET TO 150d UNLESS OTHERWISE NOTED.
	FIRE ALARM BELL	ELECTRONIC SOLENOID BELL. BELL TO BE 0" UNLESS OTHERWISE NOTED.
	FIRE ALARM BELL WITH STROBE LIGHT	FIRE ALARM ELECTRONIC SOLENOID BELL COMPLETE WITH STROBE PLATE. BELL TO BE 0" UNLESS OTHERWISE NOTED. STROBE TO BE 150d UNLESS OTHERWISE NOTED.
	FIRE ALARM DUCT-TYPE SMOKE DETECTOR	FIRE ALARM DUCT-TYPE SMOKE DETECTOR.
	FIRE / SMOKE DAMPER	COMBINATION FIRE/SMOKE DAMPER. PROVIDE A DUCT SMOKE DETECTOR ON SUPPLY SIDE (DUCTED) OR TWO SMOKE DETECTORS (NON-DUCTED) FOR EACH DAMPER. FEED DAMPER ACTUATORS WITH 120V POWER FROM A DEDICATED, UNSWITCHED CIRCUIT AND INTERCONNECT SMOKE DETECTOR(S) AND DAMPER WITH FIRE ALARM SYSTEM AS REQUIRED. COORDINATE WITH MECHANICAL ON SITE.
	IR FIRE DETECTOR	
	FIRE HOSE CABINET DISCHARGE STATION	
	FIRE ALARM SPEAKER	WALL MOUNTED.
	EMERGENCY LIGHTING BATTERY BANK DOUBLE LED HEADS	12V. WATTAGE TO SUIT. REFER TO EMERGENCY LIGHTING AND SIGNAGE RISER.
	DOUBLE LED EMERGENCY HEADS	WIRE TO BATTERY BANK. 12V. "R" DENOTES RECESSED TYPE. REFER TO EMERGENCY LIGHTING AND SIGNAGE RISER. "SC" - DENOTES CW SELF-CONTAINED BATTERY.
	LED PICTOGRAM EGRESS SIGN W/ DIRECTIONAL ARROWS	WIRE TO BATTERY BANK. REFER TO EMERGENCY LIGHTING AND SIGNAGE RISER.
	LED PICTOGRAM EGRESS SIGN SINGLE FACE	WIRE TO BATTERY BANK. REFER TO EMERGENCY LIGHTING AND SIGNAGE RISER.
	LED RED EXIT SIGN	WIRE TO BATTERY BANK. REFER TO EMERGENCY LIGHTING AND SIGNAGE RISER.

POWER AND COMMUNICATIONS LEGEND		
SYMBOL	ITEM	REMARKS
	DUPLEX RECEPTACLE	"4" - DENOTES A QUADPLEX RECEPTACLE. "3" - DENOTES RECEPTACLE TO BE MOUNTED ABOVE COUNTER, COORDINATE WITH ARCHITECTURAL ELEVATIONS.
	GFCI PROTECTED DUPLEX RECEPTACLE	"D" - DENOTES 120/208V-30A DRYER RECEPTACLE. "F" - DENOTES FLUSH FLOOR-MOUNTED RECEPTACLE CW BRASS COVER. "GP" - DENOTES GFCI PROTECTED RECEPTACLE.
	1-SLOT DUPLEX RECEPTACLE WIRE TO 20A CIRCUIT BREAKER	"1P/C" - DENOTES 120V-15A SEPARATE CIRCUIT DUPLEX RECEPTACLE FOR BLOCK HEATERS CW WEATHERPROOF COVER. GFCI PROTECTED AS REQUIRED. (MFR: PLC MVO). PROGRAM TO LIMIT CURRENT TO BLOCK HEATERS ONLY & 20A PER HOUR AND NOT PERMIT FOR MORE AND WITH AN ANY 24 HOUR, REFER TO LANDSCAPE/ARCHITECTURAL PROVIDE METAL PEDESTALS AS REQUIRED.
	SPECIALTY	"H" - DENOTES RECEPTACLE MOUNTED IN MILLWORK.
	SPLIT	"H" - DENOTES 120V-20A SEPARATE CIRCUIT RECEPTACLE FOR MICROWAVE. COORDINATE WITH ARCHITECTURAL ELEVATIONS.
	DUPLEX RECEPTACLE CEILING MOUNTED	"SC" - DENOTES A SEPARATE CIRCUIT RECEPTACLE FED FROM A DEDICATED CIRCUIT BREAKER.
	DUPLEX RECEPTACLE FLOOR MOUNTED	"USB" - DENOTES COMBO USB/DUPLEX RECEPTACLE CW TWO(2) NEMA 5-15 OR S-20 AND TWO(2) USB TYPE A CHARGING PORTS WITH MINIMUM 4 AMPERES PER PORT.
	DATA OUTLET	"WP" - DENOTES RECEPTACLE CW A WEATHERPROOF IN-USE COVER.
	TELEPHONE OUTLET	"F" - DENOTES NUMBER OF DROPS WHEN MORE THAN ONE(1).
	VOICE/DATA OUTLET	"F" - DENOTES NUMBER OF DROPS WHEN MORE THAN ONE(1).
	DATA OUTLET FOR WEB ACCESS POINT	"F" - DENOTES NUMBER OF DROPS WHEN MORE THAN ONE(1).
	CATV OUTLET	"F" - DENOTES NUMBER OF DROPS WHEN MORE THAN ONE(1).
	MICROPHONE JACK	
	TELEPHONE PANEL	SUPPLY AND INSTALL 4"x6"x2" PLYWOOD BACKBOARD MOUNTED AT 36" A.F.F. PROVIDE 3 COIL OF #16 AWG GREEN INSULATED COPPER GROUND WIRE CONNECTED TO STREET SIDE OF WATER METER OR POWER GROUND. PROVIDE TO TOILET CHARGING PORTS WITH MINIMUM 4 AMPERES PER PORT. "DW" - DENOTES DISHWASHER. CONFIRM CONNECTION TYPE PRIOR TO WIRING. DIRECT WIRE TO DEDICATED 120V 20A BREAKER OR PROVIDE CSA 5-20 RECEPTACLE ON DEDICATED 20A-1P BREAKER. CW AFCI PROTECTION (IN RESIDENTIAL UNITS) AS REQUIRED. "P" - DENOTES DISHWASHER. CONFIRM CONNECTION TYPE PRIOR TO WIRING. DIRECT WIRE TO DEDICATED 120V 20A BREAKER OR PROVIDE CSA 5-20 RECEPTACLE ON DEDICATED 20A-1P BREAKER. CW AFCI PROTECTION (IN RESIDENTIAL UNITS) AS REQUIRED. "H" - DENOTES HAND DRYER. SUPPLY, INSTALL, WIRE, AND CONNECT MFR DYSON AIRBLADE V 300V-1PH, 1.0kW. CW STAINLESS STEEL DYSON AIRBLADE V HAND DRYER BACK PANEL. "H" - DENOTES WIRE AND CONNECT HEAT TRACE. PROVIDE 120V POWER SUPPLY FED FROM A 20A GFCI CIRCUIT BREAKER OR HEAT TRACE CONTROLLER CW INTEGRAL GFCI PROTECTION. "P" - DENOTES TOUCHLESS PLUMBING FIXTURE. WIRE, CONNECT AND FURNISH POWER SUPPLIES FOR TOUCHLESS-CONTROLLED PLUMBING FIXTURES. "J" - DENOTES JUNCTION BOX. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "PZ" - PNEUMATIC ELECTRIC ALARM. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "MS" - DENOTES SECURITY SYSTEM MOTION SENSOR. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "GP" - DENOTES SECURITY SYSTEM GLASS BREAK DETECTOR. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "SS" - DENOTES SECURITY SYSTEM SIREN / STROBE. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "SM" - DENOTES SECURITY SYSTEM SIREN. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "TD" - DENOTES SECURITY SYSTEM TEMPERATURE DETECTOR. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN. "W" - WIRE AND CONNECT AND ALL RELATED CONTROLS AS REQUIRED. CONFIRM LOCATION OF ALL PUSHBUTTONS, CONDUITS, AND BOXES WITH DOOR SUPPLIER ON SITE. "M" - MOTOR. REFER TO MECHANICAL SCHEDULE. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH EQUIPMENT INSTALLER. "D" - DISCONNECT SWITCH. SUPPLY AND INSTALL. REFER TO MECHANICAL SCHEDULE. COORDINATE EXACT REQUIREMENTS WITH EQUIPMENT INSTALLER. "M" - MOTORIZED DAMPER. WIRE AND CONNECT AS REQUIRED. "P" - PUSHBUTTON. WIRE AND CONNECT AS REQUIRED. "P" - POWER POLE FACEWAY. COORDINATE LOCATION WITH FINAL FURNITURE LAYOUT. "C" - CORD DROP. CW STRAIN RELIEF - CABLETYRE. "T" - CHIME CW POWER. PROVIDE LOW-VOLTAGE TRANSFORMER, RELAY, WIRING AND CONNECTIONS. COORDINATE EXACT LOCATION ON SITE. "T" - THERMOSTAT. REFER TO MECHANICAL AND EQUIPMENT NOTES. WIRE AND CONNECT THERMOSTAT AS REQUIRED. "S" - CEILING MOUNTED SPEAKER. WIRE AND CONNECT AS REQUIRED. "S" - WALL MOUNTED SPEAKER. WIRE AND CONNECT AS REQUIRED. "H" - ELECTRIC BASEBOARD HEATER. REFER TO ELECTRIC HEAT SCHEDULE. "H" - ELECTRIC FAN HEATER. REFER TO ELECTRIC HEAT SCHEDULE. "H" - ELECTRIC UNIT HEATER. REFER TO ELECTRIC HEAT SCHEDULE.

NOTE: 1. CONFIRM WIRING REQUIREMENTS FOR APPLIANCES WITH MANUFACTURER PRIOR TO ROUGH-IN.

SITE LEGEND		
SYMBOL	ITEM	REMARKS
	BUILDING POWER OVERHEAD SERVICE POINT	COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOCAL UTILITY PRIOR TO INSTALLATION. PROVIDE ALL REQUIRED CLEARANCES TO LOCAL UTILITY SATISFACTION AND AS PER CEC 6.4.12. PROVIDE ALL SERVICE POINT MOUNTING EQUIPMENT INCLUDING BUT NOT LIMITED TO MASTING, SERVICE RACK, AND PROTECTIVE SHIELDING. RUN FEEDERS FROM OVERHEAD SERVICE POINT TO MAIN BUILDING DISCONNECT SWITCH AS REQUIRED.
	BUILDING TELEPHONE OVERHEAD SERVICE POINT	COORDINATE EXACT LOCATION AND REQUIREMENTS WITH LOCAL UTILITY PRIOR TO INSTALLATION. PROVIDE ALL REQUIRED CLEARANCES TO LOCAL UTILITY SATISFACTION. PROVIDE ALL SERVICE POINT MOUNTING EQUIPMENT INCLUDING BUT NOT LIMITED TO MASTING, SERVICE RACK, AND PROTECTIVE SHIELDING. RUN ONE(1) 2-#1 FROM OVERHEAD SERVICE POINT TO MAIN BUILDING TELEPHONE DEMARCATION POINT AS REQUIRED.
	UNDER GROUND SERVICE	

SECURITY LEGEND		
SYMBOL	ITEM	REMARKS
	SECURITY CCTV CAMERA	PROVIDE ONE(1) CAT5 CABLE FROM CAMERA LOCATION BACK TO CCTV HARD END. CONFIRM EXACT REQUIREMENTS WITH OWNERS CCTV VENDOR ON SITE AND OBTAIN A FINAL LAYOUT FROM VENDOR PRIOR TO ROUGH-IN. "F" - INDICATES CAMERA NUMBER. "EXT" - DENOTES EXTERIOR MOUNTED. "W" - DENOTES WALL MOUNTED. "CW" - DENOTES CEILING MOUNTED. "18" - DENOTES 180 DEGREE CAMERA. "360" - DENOTES 360 DEGREE CAMERA. "H" - DENOTES HEIGHT STRIP CAMERA. "D" - DENOTES ID CAMERA.
	ACCESS-SECURED DOOR	PROVIDE WIRING FOR ACCESS-SECURED DOOR DEVICES. ONE(1) 40A18 UNSHIELDED TO DOOR POSITION CONTACTS. ONE(1) 40A18 UNSHIELDED TO REQUEST-TO-EXIT MOTION SENSORS. ONE(1) 20A18 UNSHIELDED TO CARD READERS AND BUILDING VISITOR ENTRY PANEL. ALL WIRING TO BE HOME RUN FROM ACCESS CONTROL PANEL LOCATION. SYMBOL IS SHOWN ON UNSHIELD SIDE OF DOOR. REFER TO DOOR HARDWARE SCHEDULE FOR SPECIFIC DEVICES ASSIGNED TO EACH DOOR. CONFIRM EXACT REQUIREMENTS WITH OWNERS ACCESS CONTROL VENDOR ON SITE AND OBTAIN A FINAL LAYOUT FROM VENDOR PRIOR TO ROUGH-IN.
	KEY-PAD	PROVIDE CONDUIT AND PATHWAYS FOR SECURITY SYSTEM KEY PAD. CONFIRM EXACT REQUIREMENTS WITH OWNERS SECURITY SYSTEM REPRESENTATIVE ON SITE.
NOTES: 1. ALL CAMERAS ARE TO BE SUSPENDED TO 14'-0" (4270mm) AFF UNLESS OTHERWISE INDICATED. COORDINATE FINAL LOCATIONS WITH SECURITY SYSTEM REPRESENTATIVE PRIOR TO ROUGH-IN. 2. ALL SECURITY SYSTEM DEVICES ARE BY OWNERS SECURITY SYSTEM SUPPLIER. ELECTRICAL CONTRACTOR TO PROVIDE ALL WIRING, CONDUIT, JUNCTION BOXES, PLASTIC TRING COVERS/PLATES AND ASSOCIATED INFRASTRUCTURE.		

ELECTRICAL DEVICE HEIGHT SCHEDULE

COMMUNICATIONS		
VOICE OUTLET		450 mm (18")
DATA OUTLET		450 mm (18")
HOM OUTLET		450 mm (18")
TELEVISION OUTLET		450 mm (18")
TELEPHONE WALL		1200 mm (47")
FIRE ALARM		
AUDIBLE NOTIFICATION DEVICE		MIN 2300 mm (91") / -
VISUAL NOTIFICATION DEVICE, WALL		MIN 2000 mm (79") / MAX 2400 mm (95")
VISUAL NOTIFICATION DEVICE, CEILING		- / MAX 9000 mm (354")
AUDIBLE / VISUAL COMBINATION DEVICE, WALL		MIN 2300 mm (91") / MAX 2400 mm (95")
SILENCABLE DEVICE		1200 mm (47")
MANUAL STATION		1200 mm (47")
END OF LINE RESISTOR		1200 mm (47")
MONITORING MODULE		1200 mm (47")
ANALOGY RELAY		1800 mm (71")
ISOLATION MODULE		1800 mm (71")
LIGHTING		
WALL SWITCH		1200 mm (47")
EXIT SIGN		MIN 2000 mm (79") / -
EMERGENCY LIGHTING, REMOTE HEADS		MIN 2000 mm (79") / -
EMERGENCY LIGHTING, BATTERY BANK		MIN 2000 mm (79") / -
POWER		
RECEPTABLES, FINISHED AREAS		450 mm (18")
RECEPTABLES, UNFINISHED AREAS		1200 mm (47")
RECEPTABLES, ABOVE COUNTER		1200 mm (47") ABOVE COUNTER
RECEPTABLES, EMERGENCY BATTERY UNITS		2000 mm (79")
BARRIER FREE DOOR OPERATOR		MIN 900 mm (35") MAX 1200 mm
ELECTRICAL PANELS, TOP/MOST OCCUP		1700 mm (67")

NOTES:  
1. HEIGHTS GIVEN IN THIS TABLE ARE THOSE PREFERRED. NOTWITHSTANDING THESE PREFERENCES, FINAL HEIGHTS OF DEVICES AND EQUIPMENT SHALL BE ADJUSTED TO CONFORM TO APPLICABLE REGULATIONS (CODES, STANDARDS, ORDINANCES), SITE CONDITIONS, MANUFACTURER LIMITATIONS, AND ALL OTHER OVERRIDING DIRECTOR PRIOR TO INSTALLATION. OBSERVE THE DEFINITIONS, CONDITIONS, AND RESTRICTIONS GIVEN IN CEC 2.1 (CEC/WEB, MCC/NBC, CANULC-S204, AND OTHER GOVERNING REGULATIONS).  
2. HEIGHTS ARE GIVEN ABOVE THE FINISHED FLOOR AND TO THE CENTER OF THE DEVICE, UNLESS NOTED OTHERWISE.  
3. WHERE SPECIFIC MOUNTING HEIGHT DIRECTION IS GIVEN FOR ELECTRICAL DEVICES OR EQUIPMENT (SUCH AS IN DETAILS OR NOTES), THE SPECIFIC DIRECTION PREVAILS.

ABBREVIATIONS

APT	ABOVE FINISH GRADE
AFG	ABOVE FINISHED GRADE
CDP	CENTRAL DISTRIBUTION PANEL
CO	CARBON MONOXIDE
CW	COMPLETE WITH
CB	CIRCUIT BREAKER
EX	EXISTING DEVICE TO REMAIN
LTO	LIGHTING
MFR	MANUFACTURER
MCC	MOTOR CONTROL CENTRES
MLO	MAIN CIRCUIT BREAKER PANEL
MLO	MAIN LUGS ONLY PANEL
NAC	FIRE ALARM NOTIFICATION APPLANCE CIRCUIT
PLC	PLC CONTROL PANEL
PLC	PROGRAMMABLE LOGIC CONTROLLER
RECP	RECEPTACLE
TSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
UPS	UNINTERRUPTIBLE POWER SUPPLY
VFD	VARIABLE FREQUENCY DRIVE
VSD	VARIABLE SPEED DRIVE
NC	NOT IN CONTACT
NTS	NOT TO SCALE
RE	RELOCATE
SIM	SIMILAR
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UG	UNDERGROUND
US	UNDERGROUND
TK	TRANSFORMER
W	WITH
CU	CONDENSING UNIT
EBB	ELECTRIC BASEBOARD HEATER
EQ	EQUIPMENT
EV	EVAPORATOR UNIT
FC	FAN COIL
HC	HEATING COIL
EFF	ELECTRIC FAN (FORCE FLOW) HEATER
HRV	HEAT RECOVERY VENTILATOR
ERV	ENERGY RECOVERY VENTILATOR
MUA	MAKEUP AIR UNIT
RTU	ROOF TOP UNIT

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The contractor is to verify dimensions and clearances before work with conditions on the site and is held responsible for supplying drawings to the architect for equipment.

PROJECT TITLE:

AURORA GROCERY  
STORE  
2000 ANAQUOD ROAD  
REGINA, SASKATCHEWAN

SHEET TITLE:  
SYMBOLS AND  
LEGENDS  
COMMISSION NUMBER:  
2445

SHEET NUMBER:  
E0.0



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 '8L'	100	1 0 2 3 0 1 5 0 15	25	GAS COOLER #10 WIRE
TVSS #10 WIRE	30	7 0 8 9 0 10	30	COMPACTOR #10 WIRE
SPACE	-	13 0 14	-	BALER #10 WIRE
SPACE	-	15 0 16	30	SPACE
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 7 0 8	15	RTU-4, ROOF TOP UNIT
RTU-2, ROOF TOP UNIT #1 WIRE	70	9 0 10 11 0 12 13 0 14	15	RTU-5, ROOF TOP UNIT
RTU-3, ROOF TOP UNIT #10 WIRE	30	15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	RTU-6, ROOF TOP UNIT
EF-1, EXHAUST FAN	15	25 0 26 27 0 28 29 0 30	30	AC-1, AIR CURTAIN #10 WIRE
TVSS #10 WIRE	30	31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42	-	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 '8L'				
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 3 0 4 5 0 6 7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - SALES
SPACE	-	15 0 16	15	LIGHTING - SALES
SPACE	-	15 0 16	15	LIGHTING - SALES
LIGHTING - SEATING	15	7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - SEATING
LIGHTING - CHECKOUTS	15	9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - CHECKOUTS
LIGHTING - OFFICE	15	11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - OFFICE
LIGHTING - DELI	15	13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - DELI
LIGHTING - PHARMACY	15	15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - PHARMACY
LIGHTING - BAKERY	15	17 0 18 19 0 20 21 0 22 23 0 24	15	LIGHTING - BAKERY
LIGHTING - HMR	15	19 0 20 21 0 22 23 0 24	15	LIGHTING - HMR
LIGHTING - SEAFOOD / MEATS / PRODUCE	15	21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42	15	LIGHTING - SEAFOOD / MEATS / PRODUCE
SPACE	-	23 0 24	15	LIGHTING - SEAFOOD / MEATS / PRODUCE
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

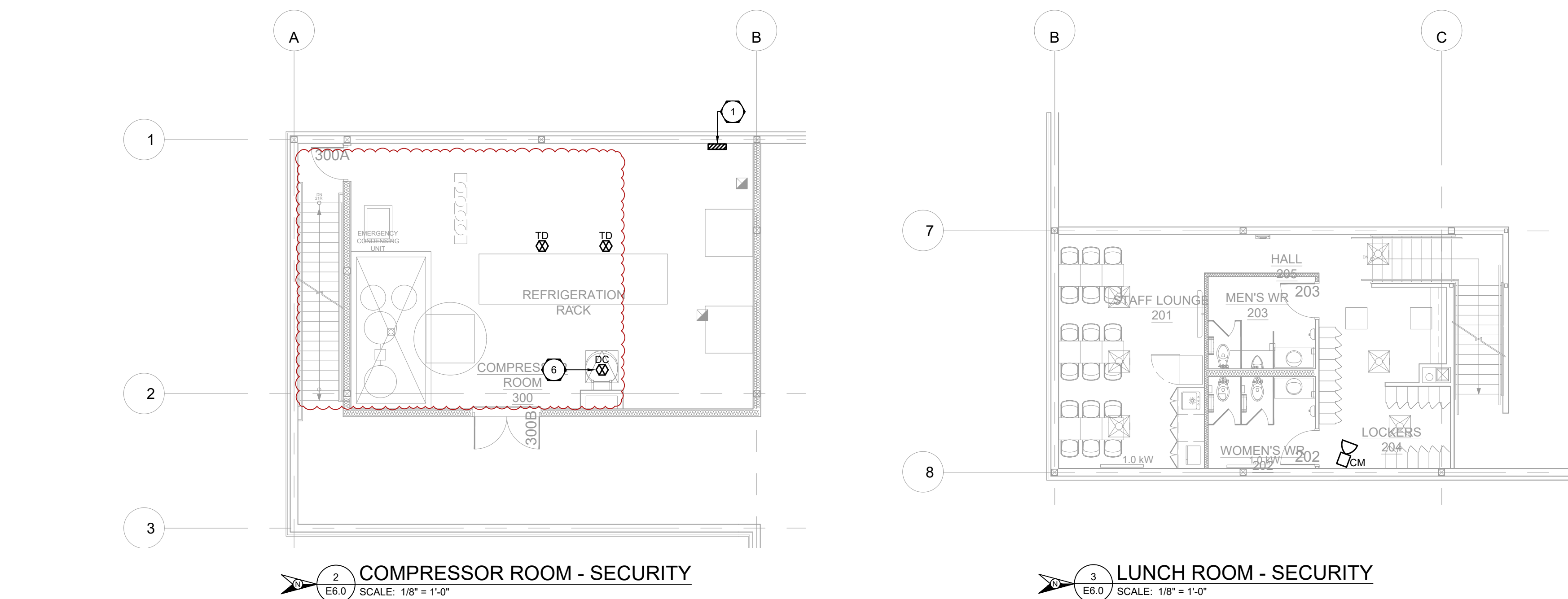
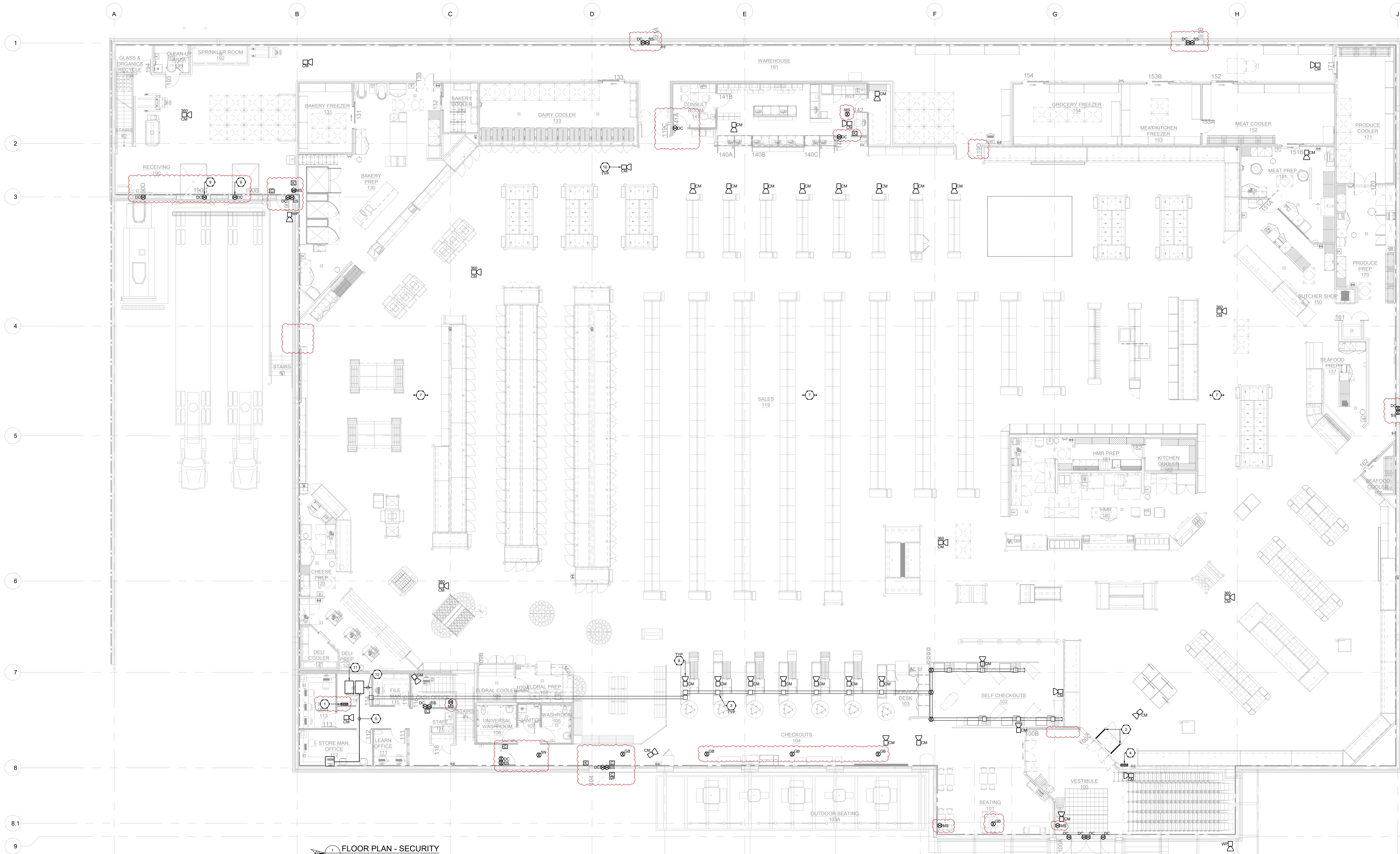
PANEL 'SD-1'				
1200A-120/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
PANEL '2A'	200	1 0 2 3 0 4 5 0 6 7 0 8 9 0 10 11 0 12	100	PANEL '1'
PANEL '2L'	200	13 0 14 15 0 16 17 0 18 19 0 20	100	PANEL '1'
PANEL '2B'	200	21 0 22 23 0 24 25 0 26 27 0 28 29 0 30	400	PANEL '1'
PANEL 'C2	200	31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	200	PANEL '5M'
TVSS	30	27 0 28 29 0 30	200	PANEL '1'
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-120/208V-3PH-4W PANEL SURFACE MOUNTED IN COMPRESSOR ROOM 300				
DESCRIPTION	CIRCUIT BREAKER	PHASE A B C	CIRCUIT BREAKER	DESCRIPTION
PANEL '1'	100	1 0 2 3 0 4 5 0 6 7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	200	PANEL '1L'
PANEL '1'	100	7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	400	PANEL '1L'
PANEL '1M'	200	15 0 16 17 0 18 19 0 20 21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	400	PANEL '1L'
PANEL '2'	100	21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	400	PANEL '1L'
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
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-120/208V-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 3 0 4 5 0 6 7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	EXTERIOR SIGNAGE
DOOR OPENER (EXTERIOR)	15	3 0 4 5 0 6 7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	HOUSEKEEPING RECEPTACLES
DOOR OPENER (INSIDE)	15	5 0 6 7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	WAREHOUSE COMPUTER
DOOR OPENER (INSIDE)	15	7 0 8 9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
DOOR OPENER (INSIDE)	15	9 0 10 11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
DOOR OPENER (INSIDE)	15	11 0 12 13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	13 0 14 15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	15 0 16 17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	17 0 18 19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - NORTH	15	19 0 20 21 0 22 23 0 24	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	21 0 22 23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	23 0 24 25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	25 0 26 27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	27 0 28 29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	29 0 30 31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	31 0 32 33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	33 0 34 35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	35 0 36 37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	37 0 38 39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	39 0 40 41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	41 0 42 43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	43 0 44 45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	45 0 46 47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	47 0 48 49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	49 0 50 51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	51 0 52 53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	53 0 54 55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	55 0 56 57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	57 0 58 59 0 60	15	SHELVING RECEPTACLE
BILLBOARD - WEST	15	59 0 60	15	SHELVING RECEPTACLE

PANEL '2L'				
200A-120/208V-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 - SALES - TRACK	15	9 0 10	15	LIGHTING - BULKHEAD
LIGHTING - DOCK LIGHTS	15	11 0 12	15	LIGHTING - BULKHEAD
SPACE	- 13 0 14	-	14	SPACE
SPACE	- 15 0 16	-	15	SPACE
SPACE	- 17 0 18	-	18	SPACE
SPACE	- 19 0 20	-	20	SPACE
SPACE	- 21 0 22	-	22	SPACE
SPACE	- 23 0 24	-	24	SPACE
SPACE	- 25 0 26	-	26	SPACE
SPACE	- 27 0 28	-	28	SPACE
SPACE	- 29 0 30	-	30	SPACE
SPACE	- 31 0 32	-	32	SPACE
SPACE	- 33 0 34	-	34	SPACE
SPACE	- 35 0 36	-	36	SPACE
SPACE	- 37 0 38	-	38	SPACE
SPACE	- 39 0 40	-	40	SPACE
SPACE	- 41 0 42	-	42	SPACE





- GENERAL NOTES**
1. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SUPPLY AND INSTALLATION OF ALL REQUIRED PATHWAYS FOR SECURITY SYSTEM SIGNAL CABLES AS WELL AS THE PATHWAYS, CONTROLS AND POWER WIRING OF EACH SECURITY SYSTEM DEVICE AND EQUIPMENT. THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH SOBEYS SECURITY SYSTEM SPECIALIST. THE SECURITY SYSTEM CONTRACTOR AND DOOR HARDWARE SUPPLIER REGARDING ALL SYSTEMS AND ELECTRICAL INSTALLATION REQUIREMENTS. ELECTRICAL CONTRACTOR TO CARRY ALL COSTS ASSOCIATED WITH THE INSTALLATION OF THE SECURITY SYSTEM.
  2. ALL SECURITY SYSTEM WIRING IS TO BE RUN IN CONDUIT AND BE CONCEALED. SURFACE MOUNT CONDUIT FOR SECURITY SYSTEMS IS ACCEPTABLE IN WAREHOUSE 191, RECEIVING 190 AND COMPRESSOR ROOM 300.

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

SHEET TITLE:  
**FLOOR PLAN - SECURITY**  
COMMISSION NUMBER:  
2445  
SHEET NUMBER:  
E6.0

**DRAWING NOTES - SECURITY**

1. PROPOSED LOCATION OF SECURITY EQUIPMENT PANEL AND ACCESS CONTROLLER POINT. PROVIDE ALL NECESSARY CONDUITS USING 3/4" DIAMETER MINIMUM. PROVIDE ONE(1) 120V DUPLEX RECEPTACLE AND ONE(1) DATA. COORDINATE WITH SECURITY SYSTEM CONTRACTOR PRIOR TO ROUGH-IN.
2. PROVIDE A COMPLETE AND SEPARATE PATHWAY FOR EACH SYSTEM CCTV, ACCESS CONTROL, EAS, SECURITY GATE, SECURITY ALARM, INTRUSION DETECTION, ETC). MINIMUM CONDUIT SIZE SHALL BE 3/4". ELECTRICAL CONTRACTOR TO DETERMINE CONDUIT LAYOUT AND SIZE FOR EACH SYSTEM C/W PULL STRINGS.
3. PROVIDE AFTERSETS FROM UP DUCT POWER AND COMMUNICATION COMPARTMENTS FOR CCTV POWER AND SIGNAL. SUPPLY COMPLETE WITH NECESSARY ADAPTERS, CONDUITS AND JUNCTION BOX UP TO THE DESIGNATED INTERFERENCE CONNECTION POINT. THIS WORK TO COINCIDE WITH POWER, VOICE AND DATA SCOPE.
4. PROVIDE NECESSARY CONDUITS BETWEEN COMPONENTS OF THE SECURITY GATE SYSTEM COMPRISING OF (BUT NOT LIMITED TO) THE GATE CONTROLLER, SENSORS AND GATE OPERATOR. PROVIDE INTERLOCK WITH FIRE ALARM SYSTEM TO AUTOMATICALLY RELEASE THE GATE IN CASE OF FIRE.
5. PROVIDE 3/4" CONDUIT FROM REMOTE CAMERA VIEWING LOCATION AT STORES MANAGER OFFICE DOWN TO CCTV RACK / EQUIPMENT IN DATA ROOM.
6. DOOR CONTACT FOR SERVICE ROOF ACCESS HATCH. CONFIRM EXACT REQUIREMENTS AND FINAL LOCATION WITH SOBEYS SECURITY REPRESENTATIVE.
7. THE LOCATION AND ORIENTATION OF THE CCTV CAMERAS, SWITCHES, ACCESS CONTROL, AND OTHER ASSOCIATED SECURITY DEVICES ARE PRELIMINARY. SECURITY SYSTEM CONTRACTORS AND SOBEYS REPRESENTATIVES TO DECIDE THE FINAL EQUIPMENT / DEVICE LOCATION AND ORIENTATION.
8. PROVIDE ALL REQUIRED PATHWAYS FOR SIGNAL AND POWER CABLE OF THE VISION LANE CAMERAS. CONFIRM CAMERA LOCATIONS WITH SECURITY SYSTEM CONTRACTOR.
9. DOOR CONTACT SERVING OVERHEAD DOORS. CONFIRM EXACT REQUIREMENTS AND FINAL LOCATION WITH SOBEYS SECURITY REPRESENTATIVE.
10. SUPPLY AND INSTALL CONDUIT COMPLETE WITH PULL STRING FOR SECURITY DEVICES. INSTALL BY OTHERS. CONFIRM FINAL DEVICE LOCATION WITH SOBEYS SECURITY REPRESENTATIVE PRIOR TO ROUGH-IN TYPICAL.
11. CONFIRM FINAL CCTV SWITCH LOCATION WITH SOBEYS REPRESENTATIVE, GC AND CAMERA INSTALLER.
12. SECURITY WIRING FOR CHECKOUTS TO RUN IN CEILING AND INTO 11' ROOM 112' ROOM WALL. WIRING TO RUN DOWN WALL AND INTO WALK DUCT AS REQUIRED.



