

## NEW SAYERS FOOD STORE

SUBJECT	Addendum No. 3	PROJECT	2102
DATE	September 23, 2021	PAGES	2

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### ADDENDUM No. 3

#### 1. Architectural Drawings

##### Drawing A450 – Equipment Floor Plans

- a) **ADD** Refrigeration System design & installation details;
- b) **REVISE** – Roof-top compressor location and type;
- c) **NOTE** – Walkin Cooler & Freezer evaporators are to be included in provision of Refrigeration System;

#### 2. Forms

##### Division 01 - General Requirements

- a) **10 Cash Allowances (REVISED)**
  - **ADD** – Water Treatment System (\$15,320)
  - **ADD** – Hydro Connection Fee (\$100,000)

#### 3. Electrical Drawings (Addendum No. E01)

REFER TO Addendum E02 Addendum Letter, Specifications, Drawings

#### 3. Questions

The following Addendum No. 3 is issued to **answer questions related to the following questions by bidders:**

**3.1** *At this stage, there is no refrigeration design in this package. The drawings detail case and box locations and there is an equipment schedule, however, there is no design to price. Has the owner contracted this work outside of our scope or is there a design to follow?*

**Answer:** Refer to A450 for Refrigeration System design & installation details;

**3.2** Is Dampproofing/waterproofing required on the foundation walls?

**Answer:** Yes, see WF1 on A020.

**3.3** We are interested in quoting this tender however I cannot see, on the drawings, the extent of the entrance floor mat required. Is it to encompass the entire entrance/exit vestibule or only the entrance side?

**Answer:** It is to encompass the entire entrance/exit vestibule (room 101, 102).



**#79 - REFRIGERATION SYSTEM**

- CONTRACTOR TO SUPPLY AND INSTALL REFRIGERATION SYSTEM TO SERVICE ALL DISPLAY & WALKIN COOLERS/FREEZERS
- REFER TO OXFORD ENERGY SOLUTIONS INC. DESCRIPTION BELOW FOR BASIS OF DESIGN FOR SYSTEM
- SUPPLY - CONTACT BEN KUNGLI AT OXFORD ENERGY SOLUTIONS INC.
  - EMAIL: BEN@OXFORDENERGY.CA
  - PHONE: 519-532-6373
- ACCEPTABLE INSTALLERS:
  - OXFORD ENERGY SOLUTIONS INC (SEE ABOVE)
  - RITE-TEMP REFRIGERATION (519-631-8550)
  - HILL VALLEY ENERGY (terry@hillvalleyenergy.com)

**Heat Loads:**

Please refer to excel spread sheet for load profile and circuits. this system currently has 28 refrigeration circuits in the control sequence. Total load profile = approx 200,000 @20 deg F SST, 60,000 @ -10 deg F SST, total system

Oxford Refrigeration LPP model 300/70. Complete packaged outdoor unit. Sized based on above mentioned loads. Condenser sized for full store at heat of rejection approximately 320,000 btu/hr based on a 15 degree T/D. Complete Oxford Sensori Platform with Gatemanager interface included. Secure access with firewall and trend logs. Lo and Medium Temp comprised of Copeland ZB scroll compressors with oil management and OPTIONAL Oxford Vapour Drive compressor, magnetic drive, oil free compressor.

208/3 phase with 24vac control system. Boil out suction accumulator with sub-cooling loop, changeable suction and liquid line filters. Isolation valves, floating head pressure control, dual relief valves on receiver. Sub cooled loop and receiver on condenser. R-513a/POE oil, HFO, LOW GWP refrigerant. CSA approved. No disconnect in panel. Primary med temp compressor vfd driven. Condenser fans vfd driven. Low temperature compressor vfd driven. Power monitor in cabinet. All EXV controls shown as separate below for all circuits. Store layout and distribution of local and remote case controls to be determined. System is PRE-programmed, PRE-charged with 100lbs of refrigerant and all I/O is PRE-checked. Spare can of POE oil shipped loose.

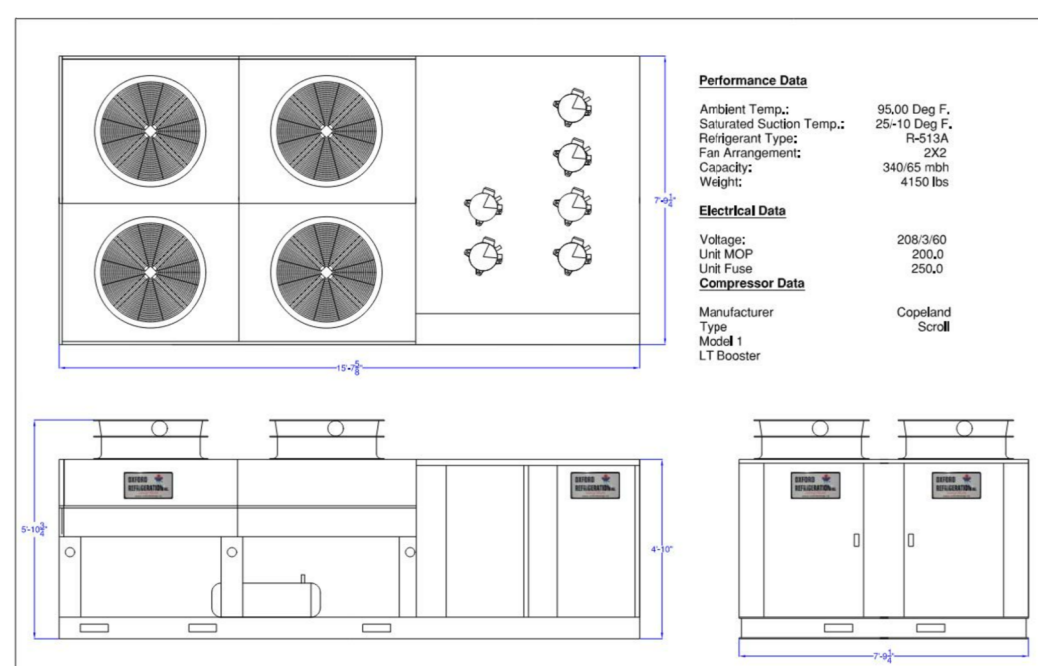
- Customer responsible for proper installation, piping practices, start up and commissioning with the assistance of Oxford tech.
- Equipment comes pre-programmed/set up based on layout of store provided.
- System receiver is exempt from TSSA registration.

-all terms and conditions listed at www.oxfordenergy.ca  
 -Oxford Energy will not be held responsible for any delays of equipment affected by events that are beyond the control of Oxford Energy Solutions Inc.  
 -Oxford Energy will not be held accountable for any issues resulting in loss of product or damage to product. The accountability of the food stuff in storage is the sole responsibility of the facility owner.

-Oxford listed equipment has a free 2nd year compressor warranty when trained personnel submits start up report on compressors. This can be done electronically.  
 -3rd year warranty on compressors is available upon discussion and is an extra charge that is not included in this estimate.

- All installation, permits, structural, engineering, etc all the responsibility of the customer.
- Unloading equipment at site is responsibility of customer.
- Location of internal 15" HMI screen to be discussed and connected to Internet system.
- All cases/fixtures supplied by Arneg. This estimate only covers the equipment listed in it.
- All low temperature display cases will have high temp interlock relay installed by Arneg for automatic shut off of all door anti sweat heaters to be controlled via automation system. If case is being re-used then electrical of case will be re-done with EXV kit and relays.
- All power for evaporator fans and defrost heaters to be supplied from the facility power distribution and controlled via low voltage signals to each case. Each case has the isolation relays for evaporator fans and defrost heaters in the case.

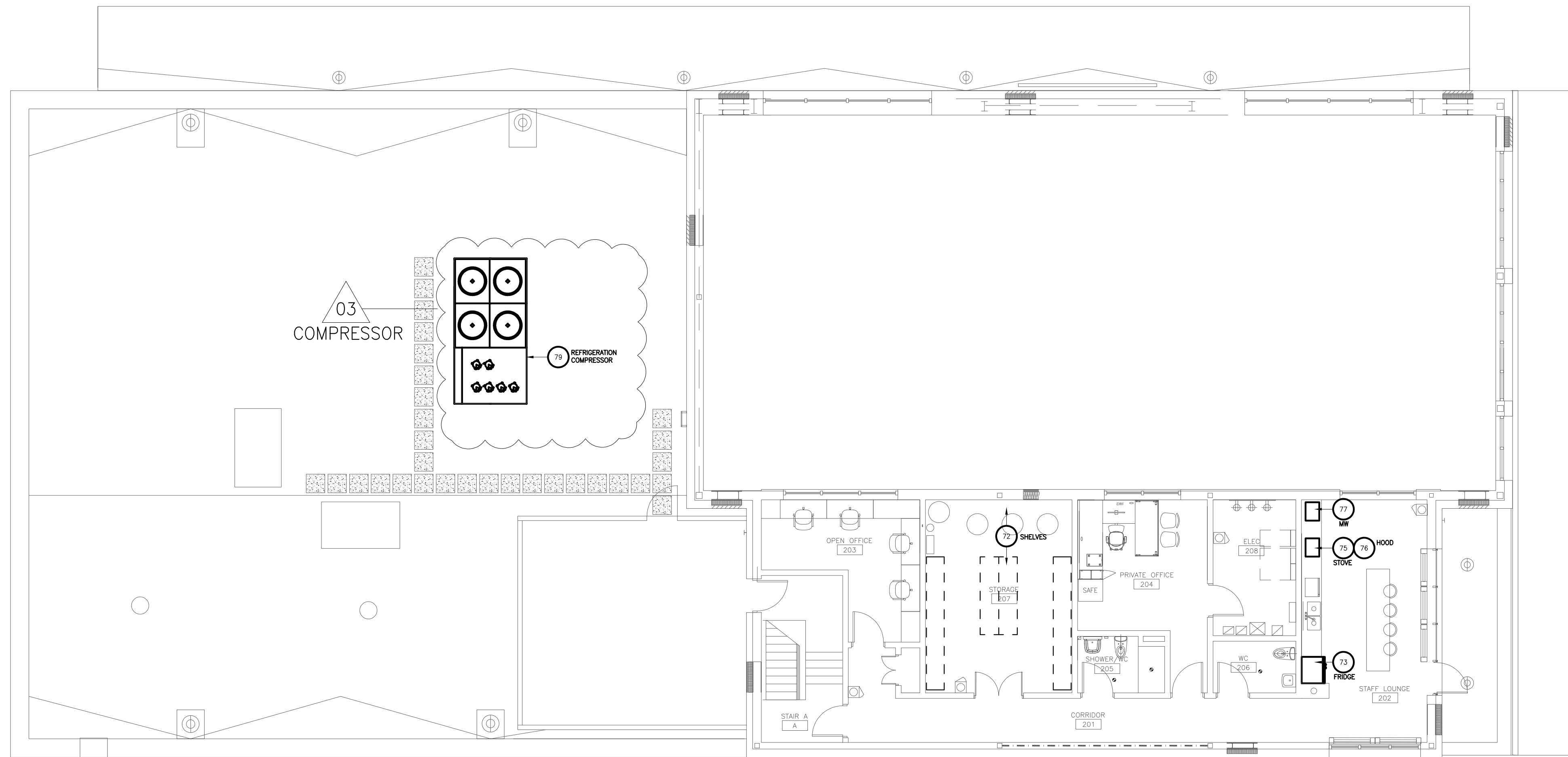
Evaporators listed for all walk in coolers/freezers on excel sheet. All evaporators will have ECM fan motors, insulated drain pans, electric defrost where applicable. Evaporator Ref Plus LSA/E series with insulated drain pans, ECM motors and electric defrost heaters where applicable. Listing of evaporator models on excel sheet and quantity. 4 walk in cooler evaporators, 2 walk in freezer evaporators. 1 cut room evap. 7 evaporators in total. Shipped directly to site. 230vac single phase. Oxford Refrigeration stand alone Sensori Circuit control with VEV integrated driver. Room and evaporator coil sensors and all transducers and cables required. Includes EXV sized as per Excel sheet. 220/120/24vac/dc voltages. CSA approved.



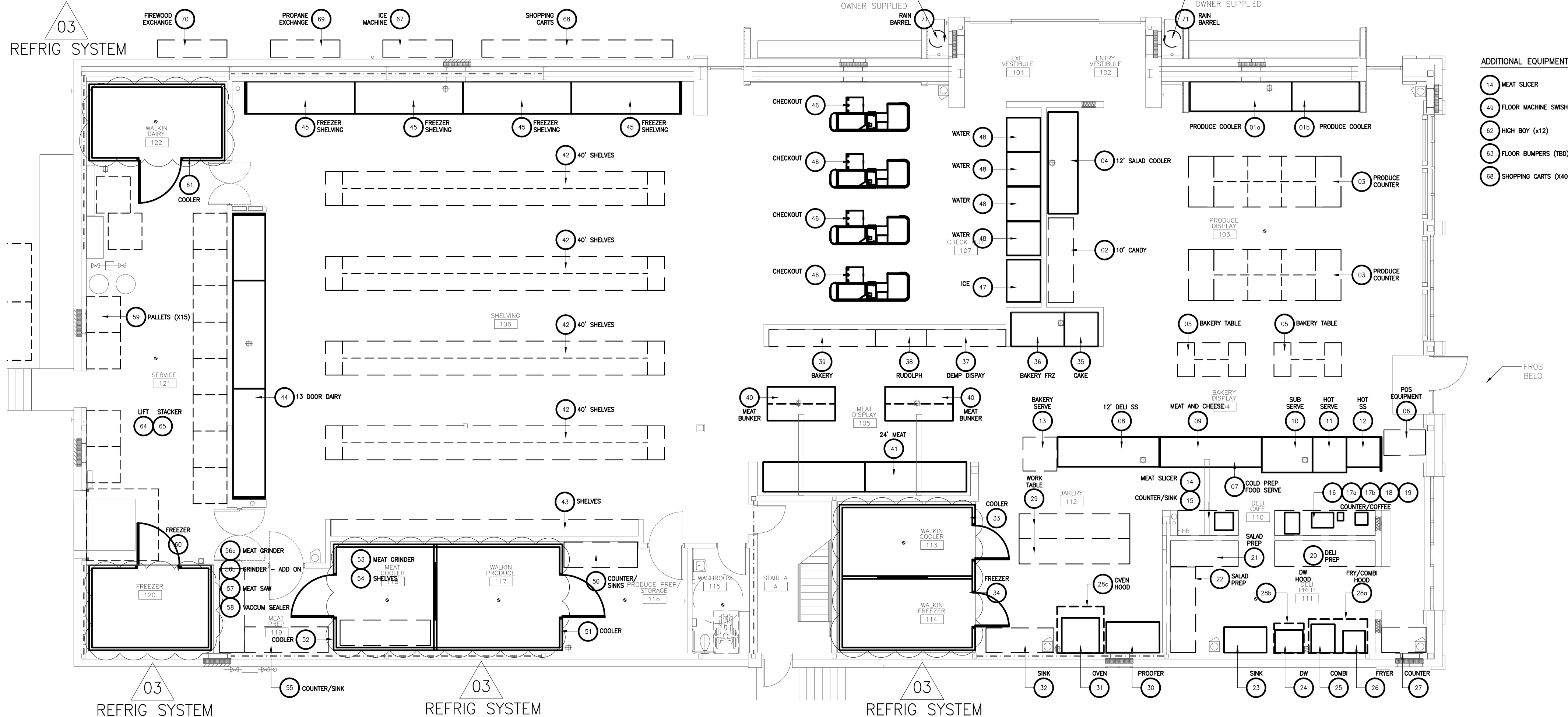
Oxford Energy Solutions  
 (519)532-6373

Customer: Not Complete For Site  
 Project: 1000 LPP Main, LSA  
 Date: Sept 21, 2021

**1 REFRIGERATION SYSTEM**



**3 LEVEL 2 EQUIPMENT PLAN**  
 1:100



**2 GROUND LEVEL EQUIPMENT PLAN**  
 1:100

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work. Do not scale this drawing.

REV	DESCRIPTION	DATE	BY
1	ISSUED FOR SPA	210618	AB
2	REVISED SPA	210709	AB
3	ISSUED FOR COSTING	210721	AB
4	REVISED SPA	210809	AB
5	ISSUED FOR TENDER	210824	AB
6	ISSUED FOR BUILDING PERMIT	210909	AB
7	TENDER ADDENDUM #1	210914	AB
8	TENDER ADDENDUM #2	210917	AB
9	TENDER ADDENDUM #3	210923	AB

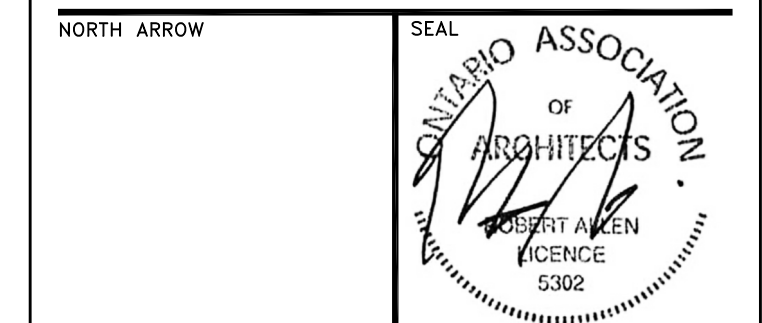
**MJMA**  
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**SAYERS FOOD LIMITED**  
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PROJECT TITLE  
**NEW SAYERS FOOD STORE**  
 BURLEIGH STREET, APSLEY

DRAWING TITLE  
**EQUIPMENT FLOOR PLANS**  
 SCALE  
**1:100**  
 DATE  
**SEPTEMBER 9, 2021**

PROJECT NUMBER  
**2102**  
 DRAWING NUMBER

**A450**





## Smith + Andersen

1100 – 100 Sheppard Ave. East, Toronto ON, M2N 6N5

416 487 8151 f 416 487 9104 [smithandandersen.com](http://smithandandersen.com)

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PROJECT NAME: New Sayers Food Store, Apsley, ON

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COMPANY: MJMA

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ATTENTION: Andrew Bramm

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PROJECT NO.: 21376.000.e001

DATE: 2021-09-23

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ADDENDUM NO.: E-02

ISSUED BY: James Back

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The following amendments are hereby made as part of the Contract Documents. The following revisions and/or additions shall be made to contract documents and the cost shall be included in the Tender Price.

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### **1.0 DRAWINGS**

#### **1.1 Refer to E200 - SINGLE LINE DIAGRAM (included herein)**

1.1.1 Revise breaker and feeder size to compressor fed from SWBD-1A to be 200A,3P and C200.4 respectively.

1.1.2 Add entry C200 to feeder schedule.

#### **1.2 Refer to E301 - SECOND LEVEL - POWER AND SYSTEMS (included herein)**

1.2.1 Delete six(6) direct connections for devices labeled "Compressor" as indicated in attached drawing.

1.2.2 Delete six(6) entries in equipment schedule for removed compressors and revise the 20A-2P breakers for deleted compressors into 15A-1P spare breakers within RP-2A.

END OF ELECTRICAL ADDENDUM

21376.000.e001.add-e02

ADDENDUM



DRAWING NOTES:  
 REFER TO EQUIPMENT SCHEDULE FOR ITEM NUMBER AND CORRESPONDING CIRCUIT NUMBER(S). TYPICAL.

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work. Do not scale this drawing.

REV	DESCRIPTION	DATE	BY
1	ISSUED FOR COSTING	2021.08.17	
2	ISSUED FOR TENDER	2021.08.27	
3	ISSUED FOR BUILDING PERMIT	2021.09.09	
4	ISSUED FOR ADD-E01	2021.09.15	
5	ISSUED FOR ADD-E02	2021.09.23	
6			
7			
8			

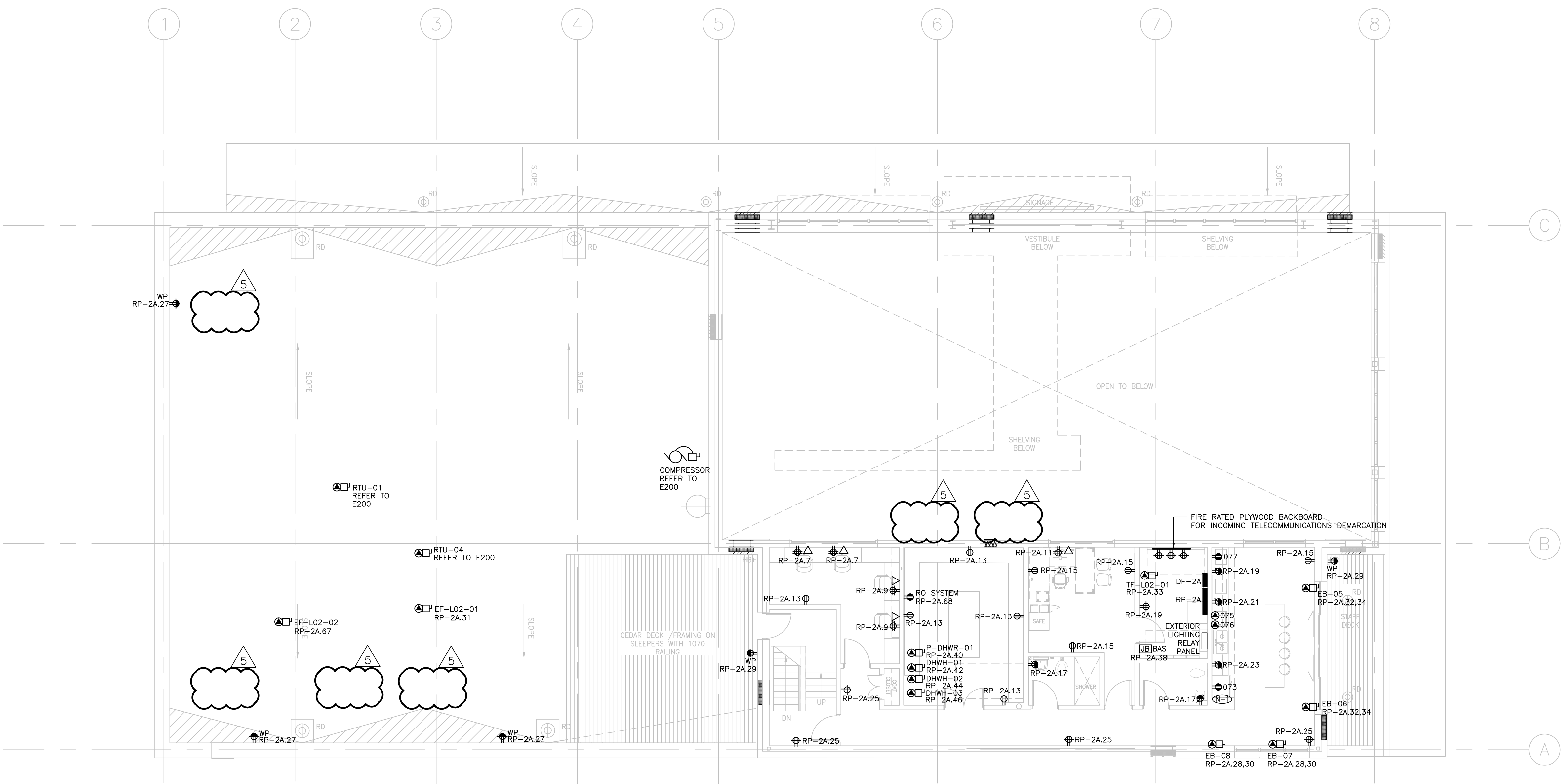
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EQUIPMENT SCHEDULE														
LEVEL 2														
ITEM NO.	QTY	LOCATION	DESCRIPTION	PANEL	CIRCUIT NUMBER	CONNECTION TYPE	VOLTAGE (V)	CYCLE (HZ)	PHASE	AMPS (A)	HP	CONNECTED LOAD (KW)	MOP (A)	MCA (A)
075	1	203 - STAFF LOUNGE	STONE - STANDARD ELECTRIC RANGE/OVEN	RP-2A	56A1.63	DC	208	60	3				50	
076	1	203 - STAFF LOUNGE	STONE - WASHU	RP-2A	65	DC	320	60	1				15	
077	1	204 - STAFF LOUNGE	MICROWAVE	RP-2A	3	NEMA 5-15R	320	60	1	13		1300		

**SAYERS FOOD LIMITED**  
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**PROJECT TITLE**  
 NEW SAYERS FOOD STORE  
 BURLEIGH STREET, APSLEY

**DRAWING TITLE**  
 SECOND LEVEL - POWER  
 AND SYSTEMS

**SCALE**  
 1:100

**DATE**  
 JUNE 16, 2021

**PROJECT NUMBER**  
 21376.000.e001

**DRAWING NUMBER**  
 E301