

NEW SAYERS FOOD STORE

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|---------|--------------------|---------|------|
| SUBJECT | Addendum No. 5 | PROJECT | 2102 |
| DATE | September 29, 2021 | PAGES | 2 |

ADDENDUM No. 5

1. Architectural Drawings

Refer to Clouded Revisions for the following sheets:

- A021 – Outline Specification
- A100 – Ground Level Floor Plan
- A101 – Level 2 Floor Plan
- A500 – Interior Elevations
- A501 – Interior Elevations
- A710 – Exterior & Interior Screen Schedules
- A800 – Finish Floor Plans and Schedules
- A900 – Millwork Drawings
- A901 – Millwork Drawings
- A970 – Renderings

2. Supplemental Product Information

- Refer to Hardi Trim Installation Guide for typ. installation and details for CC1& CC2.

3. Structural Drawings

REFER TO Addendum No. S2 Letter
REFER TO Addendum No. S2 Drawings

4. Electrical Drawings

REFER TO Addendum E03 Addendum Letter, Specifications, Drawings

4. Questions

The following Addendum No. 4 is issued to **answer questions related to the following questions by bidders:**

5.1 *I am having trouble figuring out where the elevation drawings are. I don't know heights for the wall tile and wall panelling. Also the area/dimensions of the tactile domes.*

Answer: Refer to Interior Elevations A501/A502 attached. Tactile warning domes are to be located on sidewalk ramp-ups (4/A005), and at the top of Stairs and Ramps per (1&2/A007).

5.2 Our millwork provider has asked if there are any specifications for the Architectural Woodworking?

Answer: Refer to A900, A901 for Millwork Drawings. Finish specifications are located on A021.

5.3 Could you please provide details for incoming telecom service. We need to know the size of conduit and how many parallel runs are required.

Answer: The incoming telecom service is assumed to be overhead and shown on the Site Plan drawing E100. The Electrical Contractor is to provide the weatherproof gooseneck in the roof to the 2nd floor room where it is assumed to be entering. It is not in the Electrical Contractor's scope to bring in the incoming telecom service wiring, but rather the Owner will coordinate the incoming telecom service with their preferred service provider to bring in the service.

5.4 Does it call for any site remediation because of the fire? I don't see anything anywhere outside of the Geotech report.

Answer: No.

HardieTrim® Boards Products Description

HardieTrim® boards come finished with either the PrimePlus® factory primer and sealer or with ColorPlus® Technology. The ColorPlus® coating is a factory-applied, oven-baked finish available on a variety of James Hardie® siding and trim products. See your local dealer for details and availability of products, colors, and accessories.

5/4, 4/4 HARDIETRIM® BOARDS

5/4, 4/4 HardieTrim® board is a decorative non-load bearing trim product. 5/4 HardieTrim board is 25mm (1 in) thick, 4/4 HardieTrim board is 19mm (¾ in) thick, and both can be purchased in 3,038mm (10 ft) and 3,658mm (12 ft) lengths, based on local availability. In addition to frieze, rake, window, door, and corner details, 5/4, 4/4 HardieTrim boards may be used to construct light blocks, column wraps and decorative scroll work. Available in commonly-used nominal widths from 101mm (4 in) to 304mm (12 in).

HARDIETRIM® BATTEN BOARDS

HardieTrim® Batten Boards are a decorative non-load bearing trim product. HardieTrim® Batten Boards are 19mm (¾ in) thick, 64mm (2½ in) wide, and come on 3,658mm (12 ft) lengths. See your local dealer for details and availability of product colors and accessories.



5/4, 4/4 HardieTrim board - Smooth



HardieTrim Batten board - Rustic and Smooth (not shown)



HardiePanel vertical siding with HardieTrim Batten board for the Board & Batten look.



WARNING

DO NOT caulk nail heads when using ColorPlus products. Refer to the ColorPlus touch-up section

A Complete James Hardie Exterior – Close-up on trim products.



ColorPlus TIP: 5/4, 4/4 HardieTrim boards with ColorPlus Technology is shipped with a protective laminate slip sheet. James Hardie recommends keeping the protective sheet in place during cutting and fastening to reduce damage to the boards. Remove the protective sheet only after installing the boards and filling the nail holes with a colored touch-up pen.



Installation of 5/4 & 4/4 HardieTrim® Boards

General Product Information

Working Safely

Tools for Cutting and Fastening

General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieTrim® Boards/Battens

HardieSoft® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

HardiePanel® Vertical Siding

Appendix/ Glossary

CCMC Report

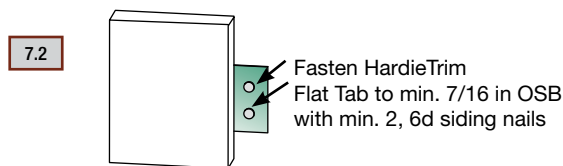
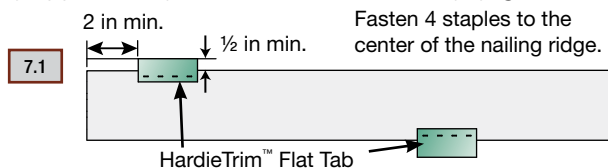
CONCEALED FASTENING TABS

For Corners, Band Boards, Windows, and Door Applications: HardieTrim® boards can be installed with Flat Tabs (JH sku no. 280154) and Corner Tabs (JH sku no. 280155) which provide concealed fastening. Only Flat and Corner Tabs can be used with HardieTrim® boards to create a concealed fastening. Additional framing may be required to ensure the Flat and Corner Tabs are fastened properly to the structure. Special attention should be paid to the framing when using a sheathing that does not have fastener holding equivalent to OSB or Plywood sheathing.

Step 1: Attach Flat Tabs to the back side of the trim with 4 18 ga. 1/2 in L x 1/4 in W narrow crown corrosion resistant staples, equally spaced in one row, positioned no closer than 1/2 in from trim edges, using a pneumatic staple gun. (Figure 7.1)

Step 2: For wood frame construction, attach the trim to the building using 2, 6d siding nails fastened through the Flat Tabs. ET&F or equivalent fasteners may be used to attach the Flat Tabs to steel frame construction. (Figures 7.2)

Fastener spacing will vary based on application. Refer to specific sections in these instructions for required fastener spacing by application (window, band board, etc.). (Figures 7.17)



Installation of HardieTrim tabs in Coastal Regions:

James Hardie requires that stainless steel staples & fasteners be used when installing HardieTrim™ Tabs in coastal regions.

Installation of HardieTrim Tabs over Pressure Treated Lumber:

HardieTrim™ tabs shall not come in direct contact with ACQ or CA preservative-treated wood. Refer to the General Fastening section of this document for further information.

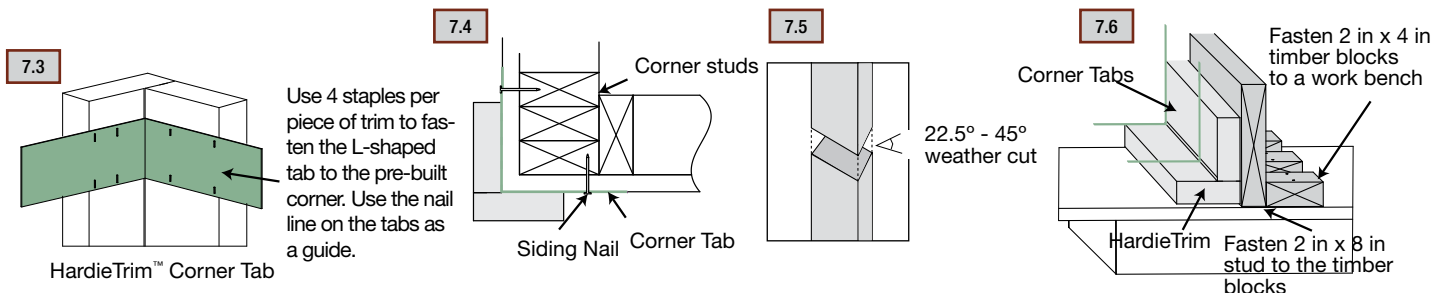
HardieTrim® NT3™ boards with ColorPlus® Technology:

Remove the laminate sheet as soon as possible after attaching the trim to the building.

TRIMMING CORNERS

HardieTrim® boards are installed around corners by pre-building the corner off the wall with the Corner Tabs (JH sku no. 280155).

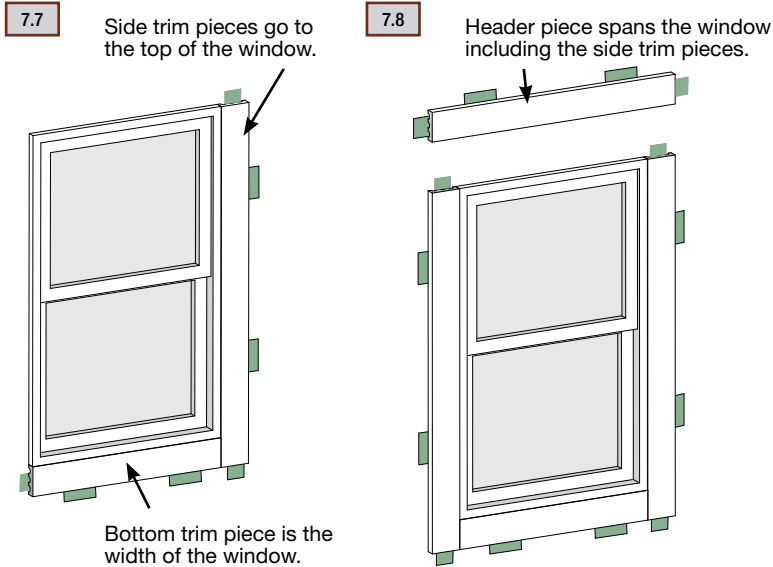
- Attach Corner Tabs to the back side of the trim with 8 18 ga. 1/2 in L x 1/4 in W narrow crown corrosion resistant staples using a pneumatic staple gun. Ensure the Corner Tabs are fastened tight and straight to the trim boards. (Figures 7.3)
- For wood frame construction, attach the trim to the building with 2, 6d siding nails fastened through the Corner Tabs. ET&F or equivalent fasteners may be used to attach the Corner Tabs to steel frame construction. (Figures 7.4)
- Attach a Corner Tab 1 in from each edge and every 20 in o.c.
- TIP: Creating a jig for the work station is recommended to ensure the corners are fastened securely and straight. (Figures 7.6)



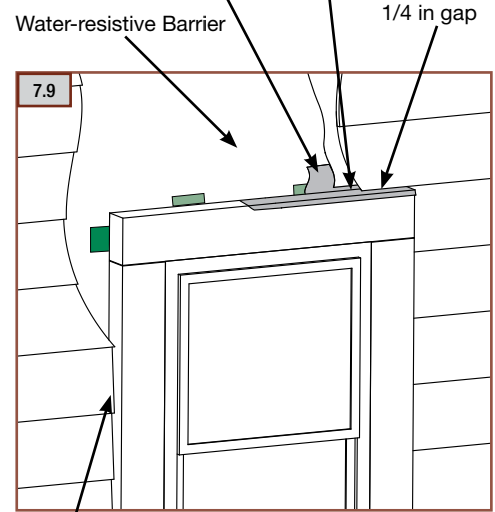
Installation of HardieTrim® Boards (continued)

TRIM APPLICATION FOR WINDOWS, DOORS & OTHER OPENINGS

Trim the opening prior to the installation of the siding (Figure 7.7). Place a Flat Tab at the end of each trim board and one tab every 16 in. OC. Attach the trim boards and Flat Tabs around the opening as shown in Figures 7.7 and 7.8.



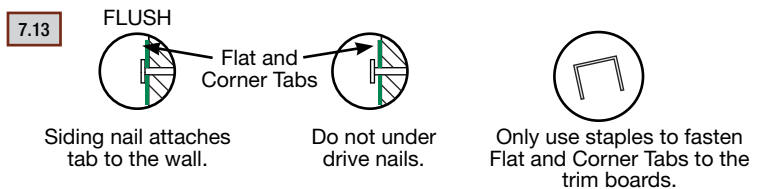
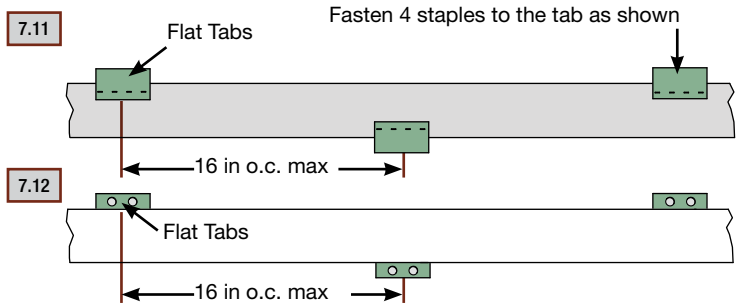
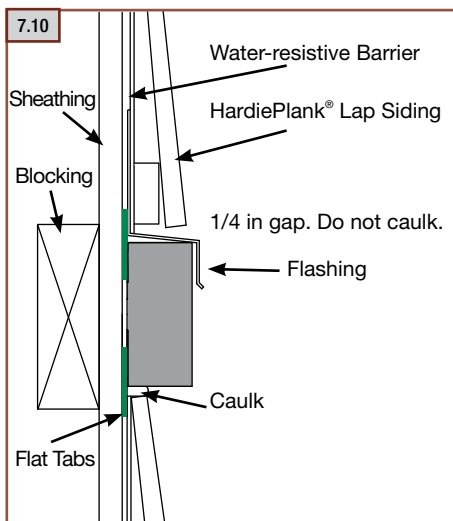
Flashing needs to be tucked under the water resistant barrier and over the Flat Tabs.
 Do not caulk between the siding and the flashing.



NOTE: Follow your window/door manufacturers installation instructions.

BAND BOARD

A flashing is required over the trim and Flat Tabs. (Figure 7.10) Terminate ends of the Band Board into Trim or Siding or miter cut the edges of the trim at the corners of the building. Place a Flat Tab at the end of each trim board and one tab every stud at a maximum of 16 in. o.c. The Flat Tabs should be attached to the trim in an alternating pattern to the top and bottom of the band board (Figures 7.11 and 7.12).



FASTENER TABLE

7.14

| Application | Framing Material Tab is nailed into | Fastener (tab to framing) | Fastener (tab to Hardietrim) | Max Tab Spacing (inches on center) |
|-------------|--|--|--|---------------------------------------|
| Flat Tab | Wood Stud (minimum G=0.42) | One 6d corrosion resistant siding nail installed through center of flange into framing | Four 18 ga. X 1/2" long X 1/4" wide corrosion resistant crown staples, equally spaced in one row | 16 |
| | Minimum APA rated 7/16" OSB | Two 4d ring shank corrosion resistant siding nails equally spaced installed through flange into framing | | |
| | Minimum 20 gauge steel | One No. 8 X 1" long X 0.323" head diameter screw (corrosion resistant) installed through flange into framing | | |
| Corner Tab | Wood Stud (minimum G=0.42) | On each flange, Install one 6d corrosion resistant siding nail through flange into framing | For each piece of trim, install Four 18 ga. X 1/2" long X 1/4" wide corrosion resistant crown staples, equally space in two rows | 20 |
| | Minimum APA rated 7/16" OSB | On each flange, Install two 4d ring shank corrosion resistant siding nails through flange into framing | | |
| | Minimum 20 gauge steel | On each flange, Install one No. 8 X 1" long X 0.323" head diameter screw (corrosion resistant) through flange into framing | | |

Wind-Borne Debris Region: "Supplemental fasteners may be necessary when installing tabs in a Wind-Borne Debris Region, please call Technical Services 800-942-7343 with any questions."

RECOGNITION: HardieTrim boards may be installed as an equal alternative to conventional trim permitted for use in; the 1997 Uniform Building Code, Section 601.5.5; the 1997 Standard Building Code, Section 1404.1; the 1999 BOCA National Building Code, Section 1407.2.2; 2003 International Building Code, Section 1402.1, the 2003 International Residence Code for One - and Two - Family - Dwellings, Section R703.1.

the 2003 International Residence Code for One - and Two - Family - Dwellings, Section R703.1. and the 1998 International One-and -Two -Family Dwelling Code, Section 601.1.

Installation of HardieTrim® Boards (continued)

General Product Information

Working Safely

Tools for Cutting and Fastening

General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieTrim® Boards/Battens

HardieSoffit® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

HardiePanel® Vertical Siding

Appendix/Glossary

CCMC Report

OUTSIDE CORNERS

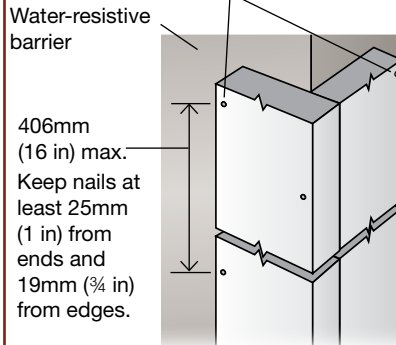
Corners made from 5/4, 4/4 HardieTrim® boards can be pre-assembled before they're installed. Pre-assembled corners look better and generally make the installation go more quickly. To join two pieces of 5/4, 4/4 HardieTrim® boards for a corner, drive 50mm (2 in) 16 ga. corrosion-resistant finish nails 13mm (½ in) from the edge and spaced 406mm (16 in) apart along the edge.

To fasten 101mm (4 in) corners to the wall, drive a pair of finish nails or siding nails, (one nail into each face of the corner) with the nails spaced 406mm (16 in) apart. For 152mm (6 in) corners, drive a pair of finish nails or siding nails into each face spaced 406mm (16 in) apart. Nails should be kept 19mm (¾ in) from the edges of the board and 25mm (1 in) from the ends.

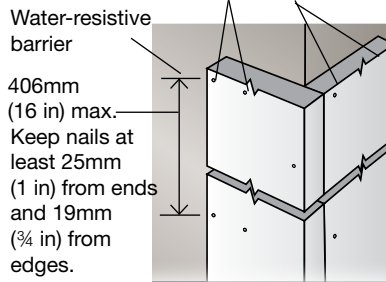
When walls are more than 3,038mm (10 ft) high, splice corner boards together using weather cuts of at least a 22.5° angle.

The angle of the weather cut must slope downward and away from the building. Then nail both boards to the building with the same attachment schedule as for pre-assembled corners, except that 101mm (4 in) 5/4, 4/4 HardieTrim boards that should get two nails per side every 406mm (16 in). Only install trim by butting to it with the siding. Do not install any trim product over James Hardie® siding.

7.15 Pre-built corner installation 101mm (4 in) boards
A pair of nails (one in each face) attach the corner to the building.

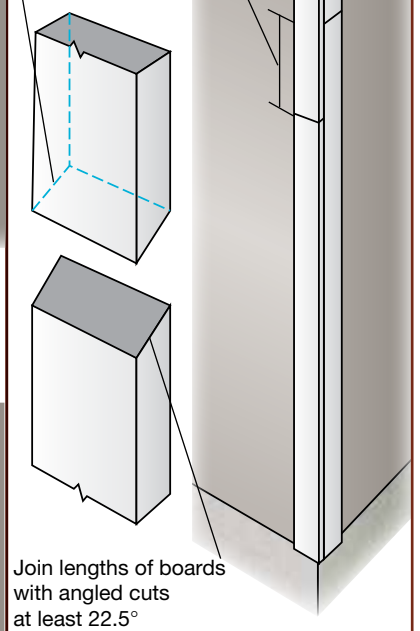


Pre-built corner installation 152mm (6 in) boards
Two nails in each face attach the corner to the building.



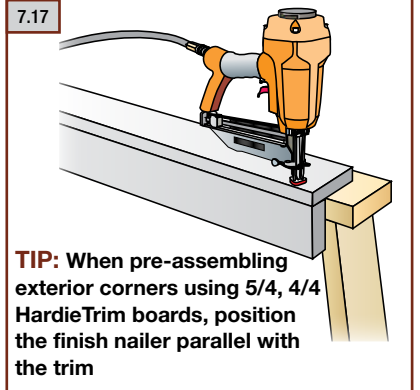
7.16 Weather cuts
Keep weather cuts at least 305mm (12 in) apart on adjacent corner boards.

Angle slopes down and to the outside.



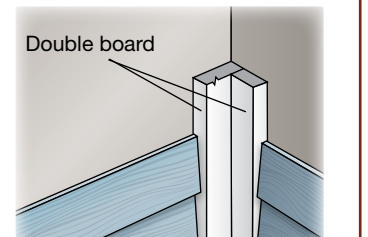
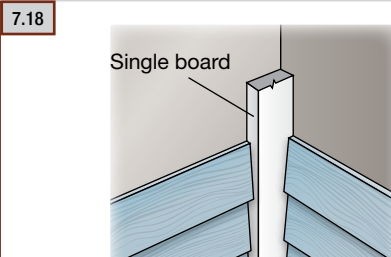
NOTE: All weather cut joints should be touched up prior to installation.

WARNING
Use only 50mm (2 in) 16-ga. finish nails to pre-assemble 5/4, 4/4 HardieTrim® board corners.



INSIDE CORNERS

Inside corners can be made with either a single 5/4, 4/4 HardieTrim board in the corner, or with one board on each wall depending on the desired look.



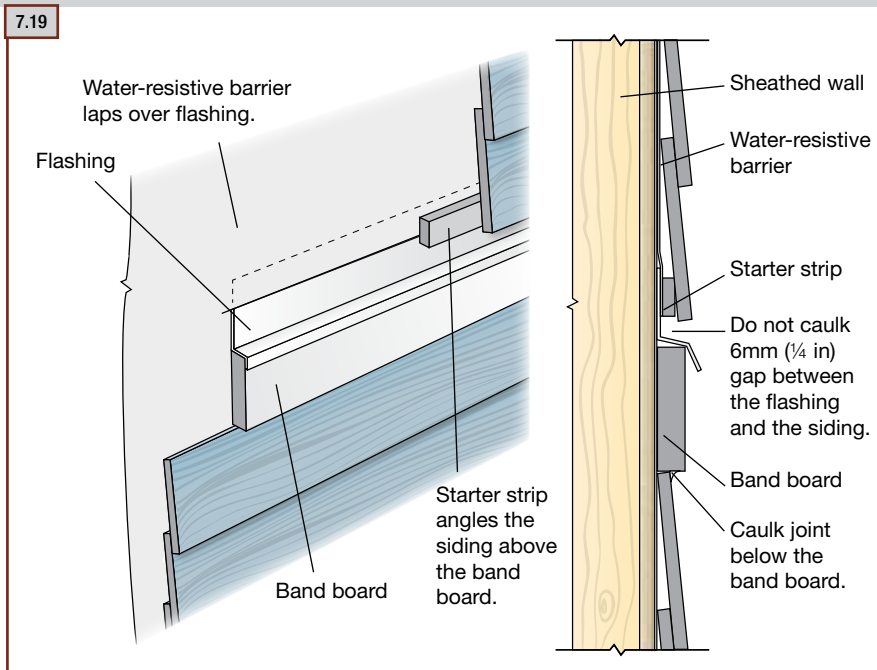
BAND BOARD

A Band board is a decorative horizontal trim used to break up the field of siding on a building. Any width of 5/4, 4/4 HardieTrim® boards can be used for band board depending on the type of detail desired. If installing a band board, pay special attention to flashing details and allow for potential shrinkage of solid rim joists in the walls that the band board may be attached to.

Caulk between the underside of the band board and the siding below. Do not caulk between the flashing and siding above the band board, and maintain a 6mm (1/4 in) gap between the two. Also make sure that the water-resistant barrier laps over the flashing for a continuous drainage plane.

If running lap siding or shingle siding above the band board, a starter strip should be installed first to maintain the correct siding angle. Small Periodic gaps should be left in the starter strip to provide an escape route for excess moisture that may drain down behind the siding.

Use bevel-cut splice joints of at least 22.5° to join long lengths of 5/4, 4/4 HardieTrim boards. To attach band board to the building, drive two recommended fasteners every 406mm (16 in) for 101mm (4 in) and 152mm (6 in) boards. For 203mm (8 in) boards, use three fasteners every 406mm (16 in), and use four fasteners every 406mm (16 in) for 305mm (12 in) boards.



5/4, 4/4 HARDIETRIM BOARDS FASTENER SPECIFICATIONS

The Fastener Specifications table shows fastener options for a variety of different nailing substrates. Please refer to the applicable wind load table to determine which fastener meets your wind load design criteria.

| Fastening Substrate | Approved Fastener | Fastening Types | Nailing Patterns |
|---------------------------------|-------------------|--|---|
| wood studs | 10 | <p>7 Ribbed Bugle-Head No. 8 .323 in x 1.625 in</p> <p>screw</p> | Pre-built corners 101mm (4 in) 1 nail every 406mm (16 in) to attach boards together 1 nail every 406mm (16 in) for each board 152mm (6 in) 1 nail every 406mm (16 in) to attach boards together 2 nails every 406mm (16 in) for each board |
| over minimum 11mm (7/16 in) OSB | 10 | <p>10 16 gauge, 2 in</p> <p>finish nail</p> | |
| steel studs | 7 12 11 | <p>11 AST-075-0200G</p> <p>ET&F finish nail</p> | Site-built corners & other areas (eg. windows, etc.) 101mm (4 in) & 152mm (6 in) 2 nails every 406mm (16 in) 203mm (8 in) 3 nails every 406mm (16 in) 305mm (12 in) 4 nails every 406mm (16 in) |
| Pre-built corners | 10 | <p>12 [AKN-100] .100 in x .25 in x 1.5 in</p> <p>ET&F</p> | |

10 indicates recommended fasteners

TIP: James Hardie recommends using stainless steel finish nails when installing HardieTrim (Trim, Battens, Fascia, etc.) products.

Installation of HardieTrim® Boards (continued)

General Product Information

Working Safely

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General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieTrim® Boards/Battens

HardieSoffit® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

HardiePanel® Vertical Siding

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CCMC Report

WINDOW AND DOOR TRIM

Windows and doors must be installed per the manufacturer's instructions. Window flanges or flashings must be properly installed and lapped correctly under the water-resistive barrier prior to the installation of 5/4, 4/4 HardieTrim® boards. Once the 5/4, 4/4 HardieTrim® boards is put on, proper flashing must be installed above the trim and lapped under the water-resistive barrier correctly.

Install 5/4, 4/4 HardieTrim® boards around doors and windows using the "cap over" method, which means that the header or horizontal top piece of the trim extends and caps over the vertical jamb pieces on both sides. For windows, the bottom trim piece or sill trim fits in between the jambs.

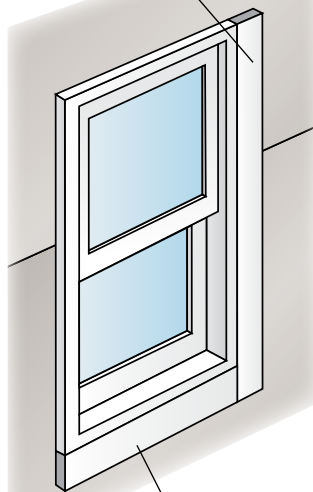
For cap-over trim installation:

- 1) Start by measuring the length of the bottom edge of the window, not including the flange.
- 2) Cut a piece of trim to that length and install it.
- 3) Next measure from the bottom of the installed trim to the top of the window.
- 4) Cut two pieces of trim to that length and install them on either side of the window.
- 5) For the cap, measure the distance between the outside edges of the side trim pieces. Cut a piece of trim to length and install it.

For doors the process is the same except that it starts with the side pieces, step three.

7.20 Window and door trim

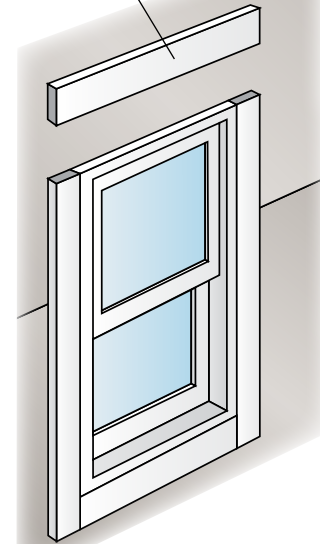
Side trim pieces go to the top of the window.



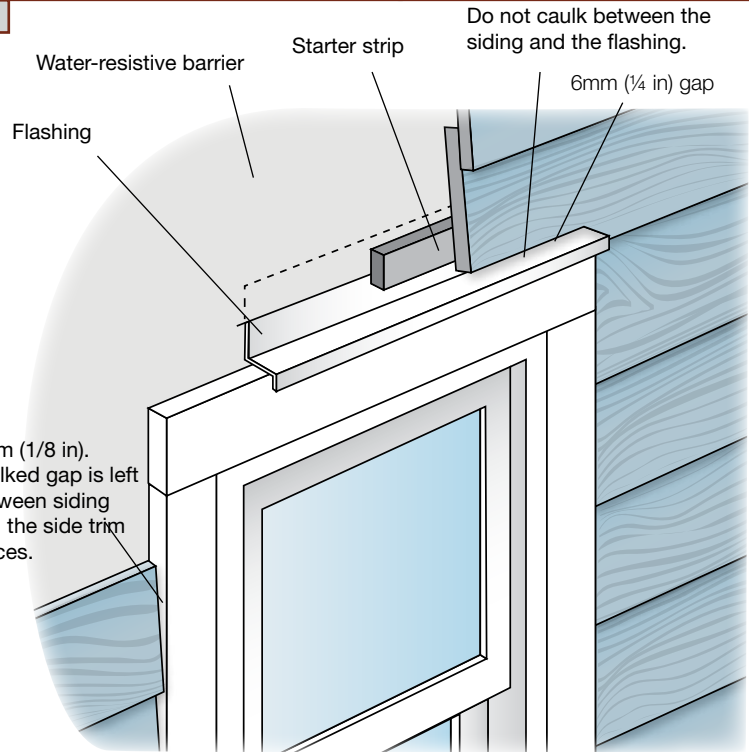
Bottom trim piece is the width of the window.

7.21

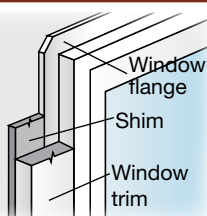
Header piece spans the window including the side trim pieces.



7.22



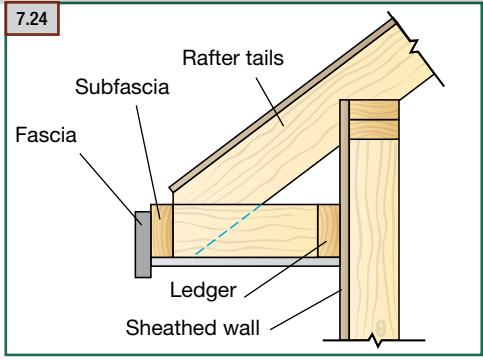
7.23



TIP: For trimming around windows and doors with attachment flanges, install a shim strip to build out the wall even with the flange. This strip lets the trim sit flat and parallel with the wall.

INSTALLING RAKE AND FASCIA BOARD

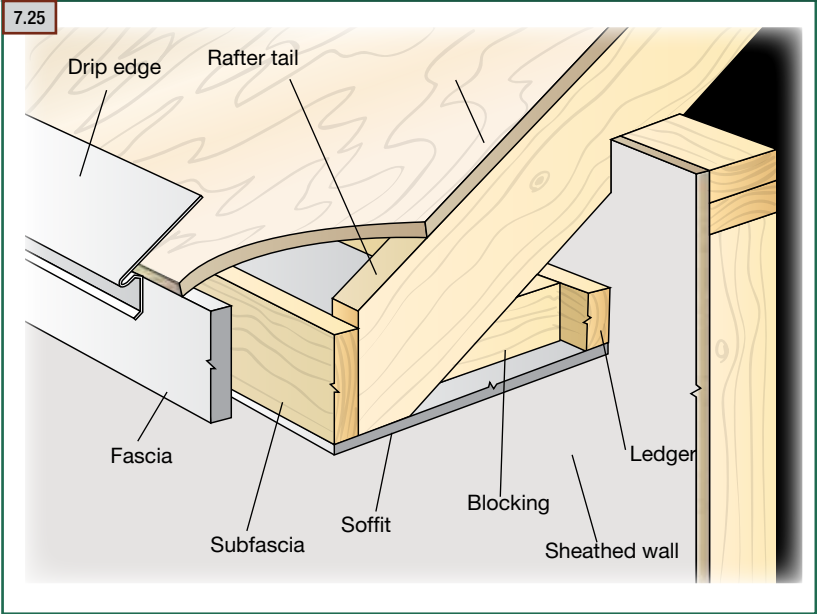
For fascia and rake board applications, James Hardie requires that all HardieTrim® products be nailed over a wood or steel subfascia. James Hardie recommends that the fascia be no more than 50mm (2 in) larger than the subfascia, e.g. over a nominal 2x6 subfascia, install a 203 mm (8 ft) (actual size 184 mm or 7 1/4 ft) fascia board. On longer fascia runs, join HardieTrim boards with weather/bevel cuts.



WARNING
 HardiePlank® boards should not be used in fascia or trim applications.

DRIP EDGE

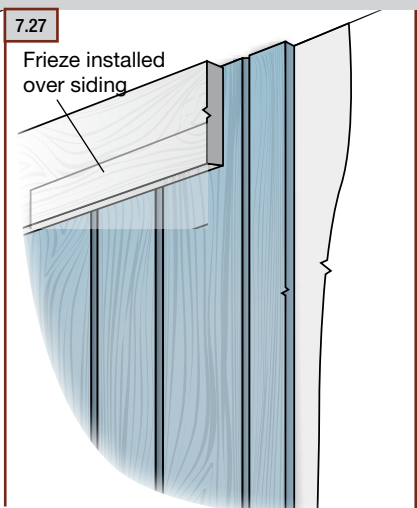
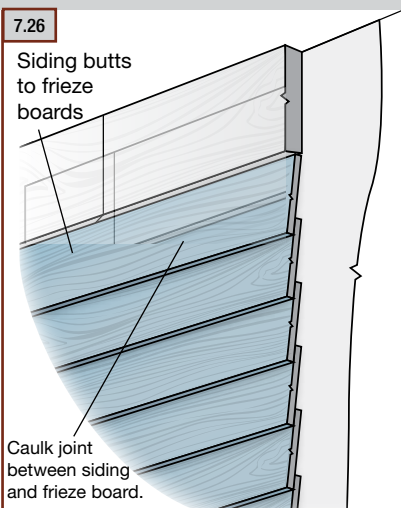
After the fascia is installed, a vinyl, coated aluminum or galvanized drip-edge flashing must be installed to the roof sheathing overlapping the fascia board. The drip edge helps protect the top edge of the fascia board and it minimizes water ingress into the soffit and/or cornice cavity. Choose a drip edge design that effectively channels water away from the face of the fascia and into gutters if present.



INSTALLING FRIEZE BOARDS

FRIEZE MADE FROM 5/4, 4/4 HARDIETRIM® BOARDS

When using lap and shingle sidings, install 5/4, 4/4 HardieTrim® boards as a frieze board before putting in the siding. Then run courses of siding up to the frieze board and caulk the junction of the frieze board and siding. In a building sided with HardiePanel siding, the frieze board is commonly over the panel siding. If joints in the 5/4, 4/4 HardieTrim boards frieze are necessary for longer runs, join boards with a bevel cut. Nail the frieze board every 406mm (16 in) using finish or siding nails.



Installation of HardieTrim® Boards (continued)

General Product Information

Working Safely

Tools for Cutting and Fastening

General Installation Requirements

General Fastener Requirements

Finishing and Maintenance

HardieTrim® Boards/Battens

HardieSoffit® Panels

HardiePlank® Lap Siding

HardieShingle® Siding

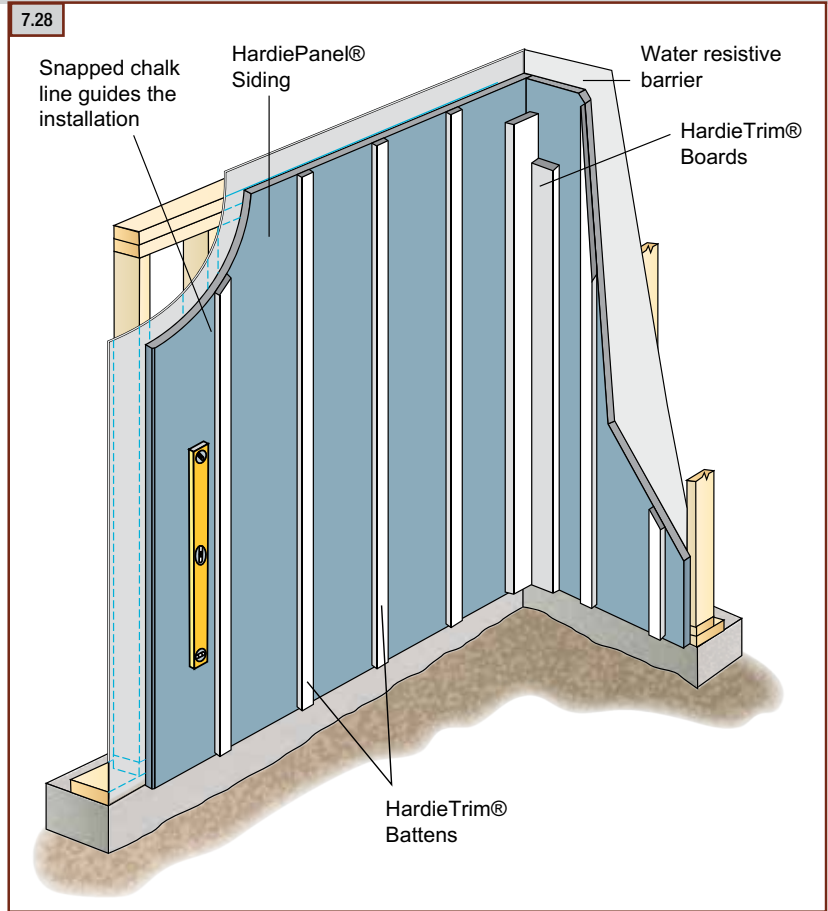
HardiePanel® Vertical Siding

Appendix/Glossary

CCMC Report

GETTING STARTED

HardieTrim® Battens are intended to be used with HardiePanel® vertical siding to achieve a board and batten look. HardieTrim Battens must be attached to wood or steel backing using an approved fastener from the table below. When installing HardieTrim Battens, determine layout and mark where battens will be attached. To ensure that HardieTrim Battens are installed vertically and parallel to each other, either snap chalk lines or use a level. When attaching battens ensure that fasteners are a minimum of 19mm (¾ in) from edges, 25mm (1 in) from ends, and a maximum of 406 mm (16 in) o.c.





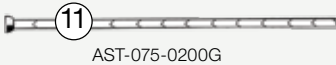
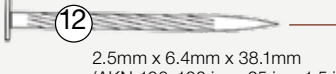
ColorPlus® TIP:

HardieTrim® Battens with ColorPlus® Technology are shipped with a protective laminate slip sheet. James Hardie recommends keeping the protective sheet in place during cutting and fastening to reduce damage to the boards. Remove the protective sheet only after installing the boards and filling the nail holes with a colored touch-up pen. Finish nails are required for ColorPlus® products.



HARDIETRIM BATTENS FASTENER SPECIFICATIONS

The Fastener Specifications table shows fastener options for a variety of different nailing substrates. Please refer to the applicable wind load table to determine which fastener meets your wind load design criteria.

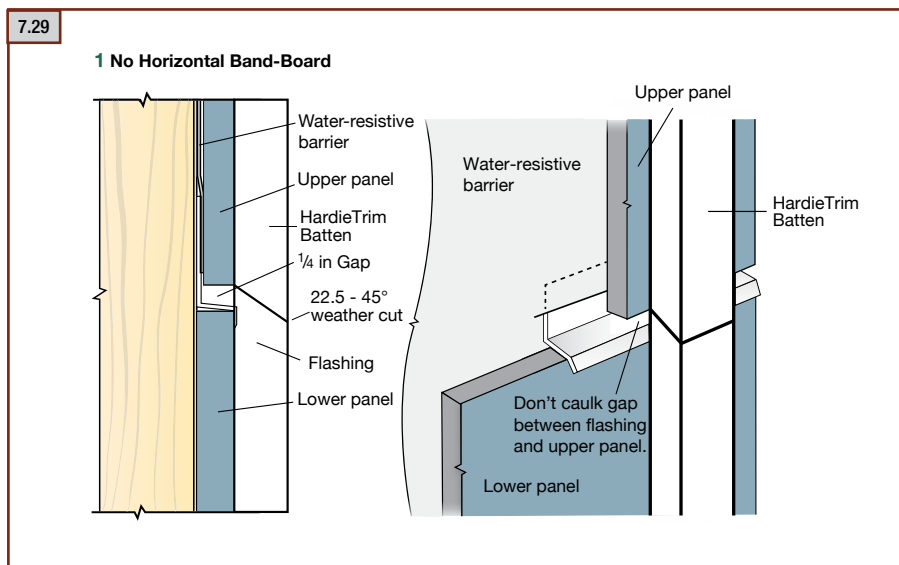
| Fastening Substrate | Approved Fastener | |
|---------------------------------|-------------------|--|
| wood studs | 10 |  screw |
| over minimum 11mm (7/16 in) OSB | 10 |  finish nail |
| steel studs | 7 12 11 |  ET&F finish nail |
| | |  ET&F |

TIP: James Hardie recommends using stainless steel finish nails when installing HardieTrim (Trim, Battens, Fascia, etc.) products.

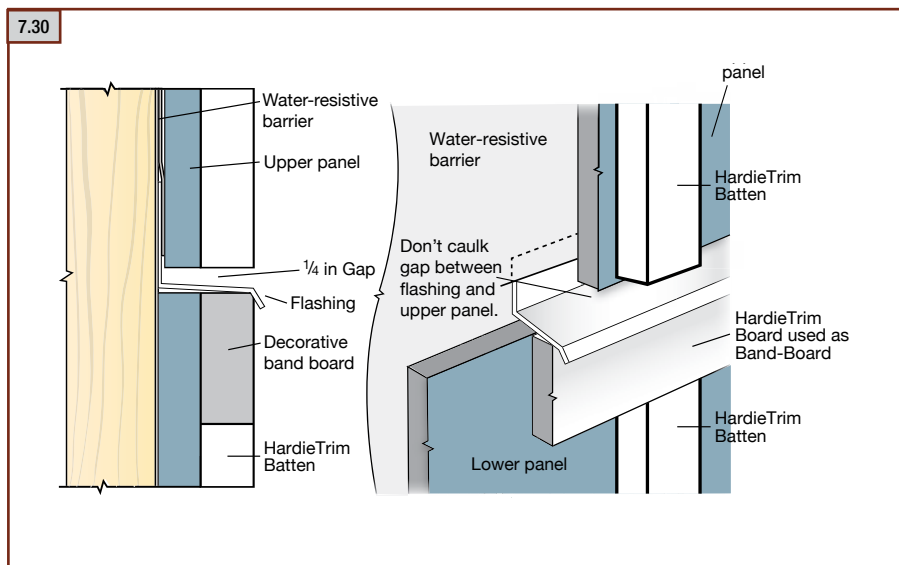
HORIZONTAL JOINT TREATMENT

Horizontal HardieTrim® Batten joints must occur at the same location as horizontal joints in HardiePanel® siding. Install horizontal HardieTrim Batten joints by using one of the following options:

1) If HardieTrim Battens are going to be installed over horizontal panel joints without the use of a horizontal band board, follow the procedure as illustrated in fig. 7.29. Start installing HardieTrim Battens by creating a weather-cut of at least a 22.5° angle, making a joint at the same location as the panel joint. Attach the bottom batten. Make sure the top batten has a matching weather-cut and then install top batten.



2) If HardieTrim Battens are to be installed over horizontal panel joints with the use of a horizontal band board, follow the procedure as illustrated in fig. 7.30. If HardieTrim Battens are to be installed horizontally, they must be installed in the same manner as in fig. 7.30. Make sure the horizontal Z-flashing is installed over both the lower panel and the horizontal band board. Attach the bottom batten tight to the bottom edge of the band board. Next, leaving a minimum 6mm (1/4 in) gap above the horizontal Z-flashing, install the top batten.



WARNING

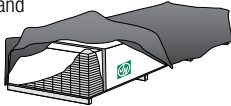
Do not bridge floors with HardieTrim Battens and/or HardiePanel Siding. A horizontal joint should always be created between floors.



IMPORTANT: FAILURE TO FOLLOW JAMES HARDIE WRITTEN INSTALLATION INSTRUCTIONS AND COMPLY WITH APPLICABLE BUILDING CODES MAY VIOLATE LOCAL LAWS, AFFECT BUILDING ENVELOPE PERFORMANCE AND MAY AFFECT WARRANTY COVERAGE. FAILURE TO COMPLY WITH ALL HEALTH AND SAFETY REGULATIONS WHEN CUTTING AND INSTALLING THIS PRODUCT MAY RESULT IN PERSONAL INJURY. BEFORE INSTALLATION, CONFIRM YOU ARE USING THE CORRECT HARDIEZONE® PRODUCT INSTRUCTIONS BY VISITING HARDIEZONE.COM OR CALL 1-866-942-7343 (866-9-HARDIE)

STORAGE & HANDLING:

Store flat and keep dry and covered prior to installation. Installing siding wet or saturated may result in shrinkage at butt joints. Carry planks on edge. Protect edges and corners from breakage. James Hardie is not responsible for damage caused by improper storage and handling of the product.



⚠ CUTTING INSTRUCTIONS

OUTDOORS

1. Position cutting station so that airflow blows dust away from the user and others near the cutting area.
2. Cut using one of the following methods:
 - a. Best: Circular saw equipped with a HardieBlade® saw blade and attached vacuum dust collection system. Shears (manual, pneumatic or electric) may also be used, not recommended for products thicker than 7/16 in.
 - b. Better: Circular saw equipped with a dust collection feature (e.g. Roan® saw) and a HardieBlade saw blade.
 - c. Good: Circular saw equipped with a HardieBlade saw blade.

INDOORS

- DO NOT grind or cut with a power saw indoors. Cut using shears (manual, pneumatic or electric) or the score and snap method, not recommended for products thicker than 7/16 in.
- DO NOT dry sweep dust; use wet dust suppression or vacuum to collect dust.
 - For maximum dust reduction, James Hardie recommends using the "Best" cutting practices. Always follow the equipment manufacturer's instructions for proper operation.
 - For best performance when cutting with a circular saw, James Hardie recommends using HardieBlade® saw blades.
 - Go to jameshardiepros.com for additional cutting and dust control recommendations.

IMPORTANT: The Occupational Safety and Health Administration (OSHA) regulates workplace exposure to silica dust. For construction sites, OSHA has deemed that cutting fiber cement with a circular saw having a blade diameter less than 8 inches and connected to a commercially available dust collection system per manufacturer's instructions results in exposures below the OSHA Permissible Exposure Limit (PEL) for respirable crystalline silica, without the need for additional respiratory protection.

If you are unsure about how to comply with OSHA silica dust regulations, consult a qualified industrial hygienist or safety professional, or contact your James Hardie technical sales representative for assistance. James Hardie makes no representation or warranty that adopting a particular cutting practice will assure your compliance with OSHA rules or other applicable laws and safety requirements.

HardieTrim® boards are decorative non-load bearing trim products.

Do not use HardieTrim boards to replace any structural component.

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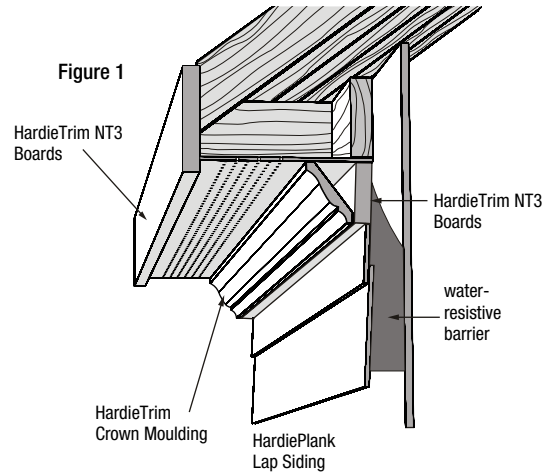
 Frieze Page 4

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 HardieTrim™ Tabs Page 7-8

FINISHING Page 9



GENERAL REQUIREMENTS

- Wood or steel must be provided for attaching HardieTrim boards.
- Follow all applicable codes when installing HardieTrim boards.
- DO NOT install HardieTrim boards, such that they may remain in contact with standing water.

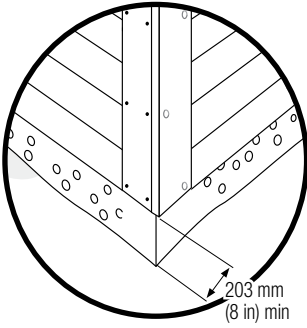




FLASHING/CLEARANCE REQUIREMENTS NO-COVER

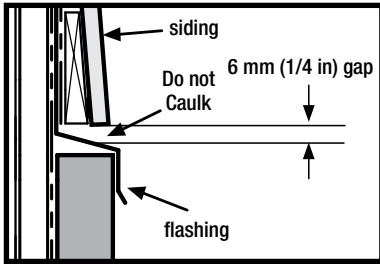
Install HardieTrim with a min. 203 mm (8 in) clearance to grade.

Figure 2



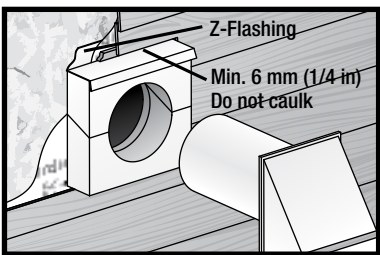
Maintain a 6 mm (1/4 in) clearance between the bottom of James Hardie products and horizontal flashing. Do not caulk gap.

Figure 5



Block Penetration

Figure 8



CLEARANCE REQUIREMENTS UNDER-COVER

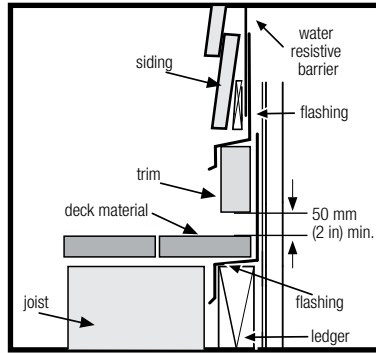
Maintain a 12 mm (1/2 in) clearance for HardieTrim boards installed under cover.

Under cover is defined as:

- Not more than 3 m (10 ft) below a roof overhang, and
- Not less than 101 mm (4 in) horizontally from the edge of the roof overhang

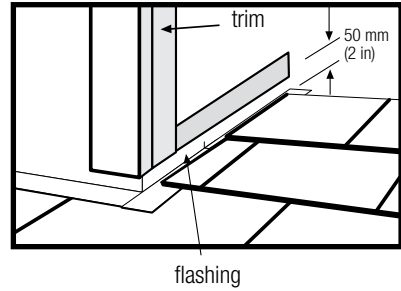
Maintain a minimum 50 mm (2 in) horizontal clearance between James Hardie trim products and decks, paths, steps and driveways.

Figure 3



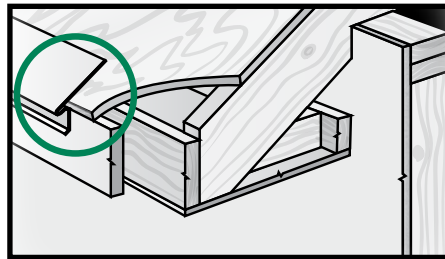
At the juncture of the roof and vertical surfaces, flashing and counter flashing shall be installed per the roofing manufacturer's instructions. Provide a 50 mm (2 in) clearance between the roofing and the bottom edge of the trim.

Figure 4



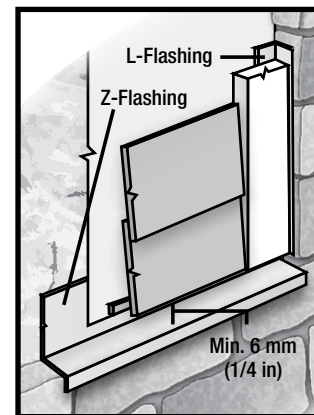
Drip Edge

Figure 6 for fascia installation see page 6



Mortar/Masonry

Figure 7



Valley/Shingle Extension

Figure 9

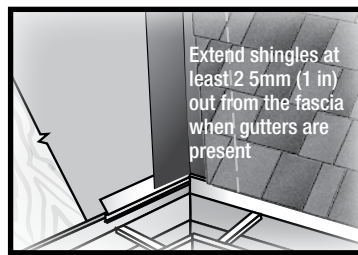
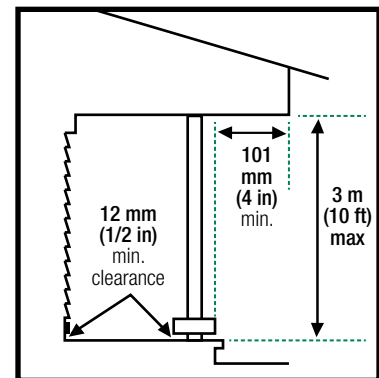


Figure 10





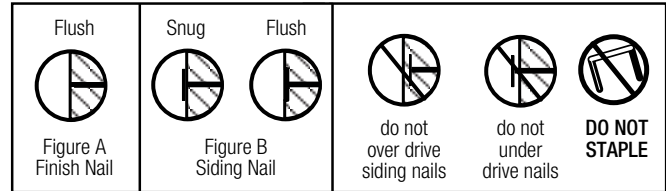
GENERAL FASTENING REQUIREMENTS

Fasteners must be corrosion resistant, galvanized, or stainless steel. Electro-galvanized are acceptable but may exhibit premature corrosion. James Hardie recommends the use of quality, hot-dipped galvanized nails. James Hardie is not responsible for the corrosion resistance of fasteners. Stainless steel fasteners are recommended when installing James Hardie products near the ocean, large bodies of water, or in very humid climates.

Manufacturers of ACQ and CA preservative-treated wood recommend spacer materials or other physical barriers to prevent direct contact of ACQ or CA preservative-treated wood and aluminum products. Fasteners used to attach HardieTrim Tabs to preservative-treated wood shall be of hot dipped zinc-coated galvanized steel or stainless steel and in accordance to 2009 IRC R317.3 or 2009 IBC 2304.9.5.”

PNEUMATIC FASTENING

James Hardie products can be hand nailed or fastened with a pneumatic tool. Pneumatic fastening is highly recommended. Set air pressure so that the fastener is driven snug with the surface of the trim. A flush mount attachment on the pneumatic tool is recommended. This will help control the depth the nail is driven. If setting the nail depth proves difficult, choose a setting that under drives the nail. (Drive under driven nails snug with a smooth faced hammer - Does not apply for installation to steel framing).



FACE NAILING REQUIREMENTS

Use 50 mm (2 in) minimum 16 ga. finish nails to attach HardieTrim boards to wood frame construction. ET&F or equivalent fasteners or screws may be used to attach HardieTrim boards to steel frame construction.

Fastening instructions are similar for all applications. When using finish nails, position nails no closer than 1/2 in. from the edges of the trim and for all other fasteners no closer than 3/4 in. Fasteners must be no closer than 1 in. from ends of trim and spaced a maximum of 16 in. O.C. Ensure trim is adequately fastened.

James Hardie recommends using stainless steel finish nails when installing HardieTrim products.

Minimum fastener guide for finish nailing:

| | Pre-built corner | Site Built Corners | Other areas (e.g. window trim, and band boards) |
|--------|---|----------------------|---|
| 4 in. | 1 nail every 16 in. to attach boards together + 1 nail every 16 in. each board | 2 nails every 16 in. | 2 nails every 16 in. |
| 6 in. | 1 nail every 16 in. to attach boards together + 2 nails every 16 in. each board | | |
| 8 in. | - | 3 nails every 16 in. | 3 nails every 16 in. |
| 12 in. | - | 4 nails every 16 in. | 3 nails every 16 in. |

Use a 2 in. finish nail to fasten trim together. Longer finish nails may bend.

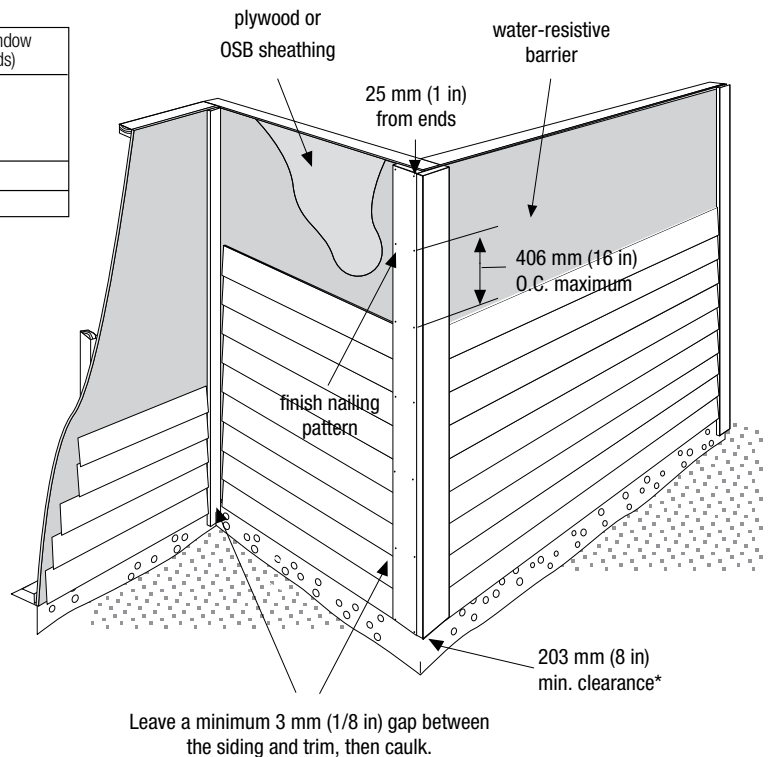


Figure 11

*Follow all applicable codes when installing HardieTrim boards



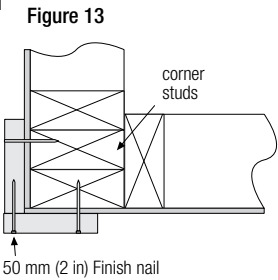
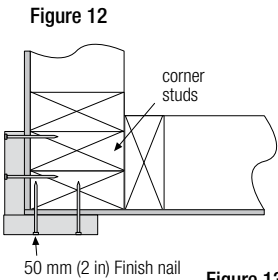
INSTALLATION

TRIMMING CORNERS

When installing corners or other vertical trim, position boards on the wall and attach (figure 12).

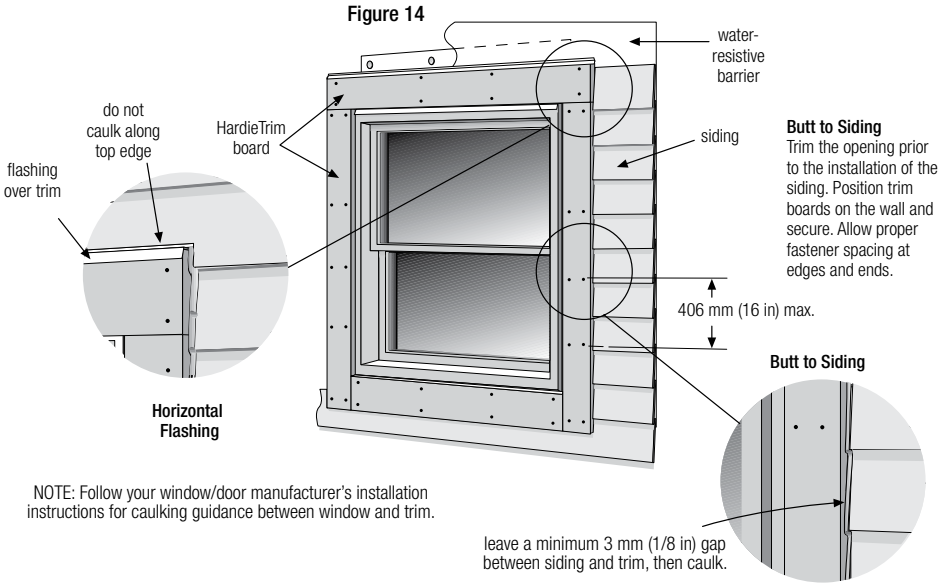
Pre-Built Corners

Alternatively, corners can be pre-built off the wall using 50 mm (2 in) finishing nails. Each side of the pre-built corner must be secured to the wall (figure 13).



TRIM APPLICATION FOR WINDOWS, DOORS & OTHER OPENINGS

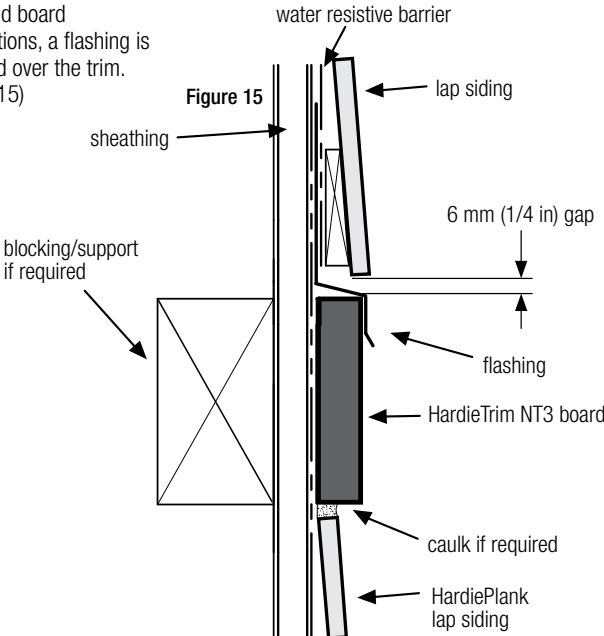
Flashing over trim is required per code for all installation methods. (figure 14)



NOTE: Follow your window/door manufacturer's installation instructions for caulking guidance between window and trim.

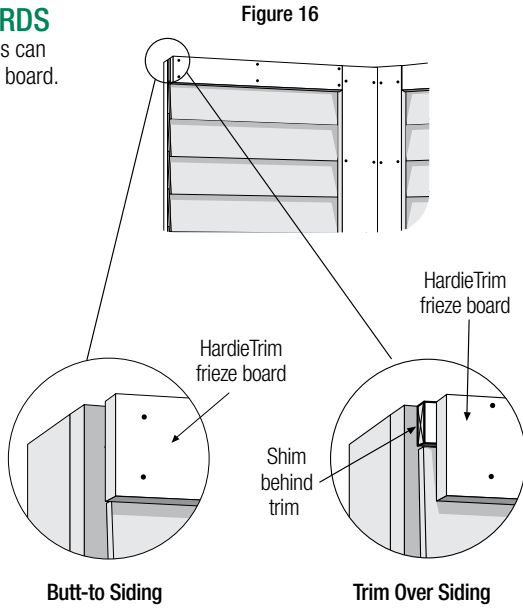
BAND BOARD

For band board applications, a flashing is required over the trim. (figure 15)



FRIEZE BOARDS

HardieTrim boards can be used as frieze board. (figure 16)





BATTEN BOARDS

HORIZONTAL PANEL JOINTS

At horizontal panel joints HardieTrim battens must be installed according to option 1 or 2 below. When installing HardieTrim Battens horizontally, they must be installed as a panel joint according to option 2.

Option 1

Figure 17 - No horizontal band board - Make a 22.5 - 45 degree weather cut, in the HardieTrim batten, just above the 6 mm (1/4 in) clearance between panels.

Option 2

Figure 18 - Horizontal Band Board - Install a horizontal band board at the top of the bottom panel. Butt the lower batten to the band board and start the top batten at the bottom edge of the top panel. Maintain a 6 mm (1/4 in) clearance above horizontal flashing.

Figure 17

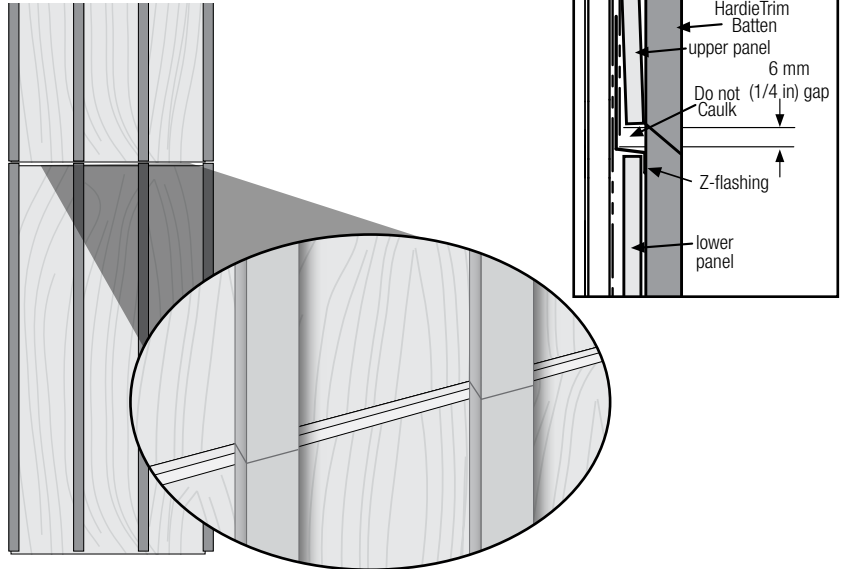
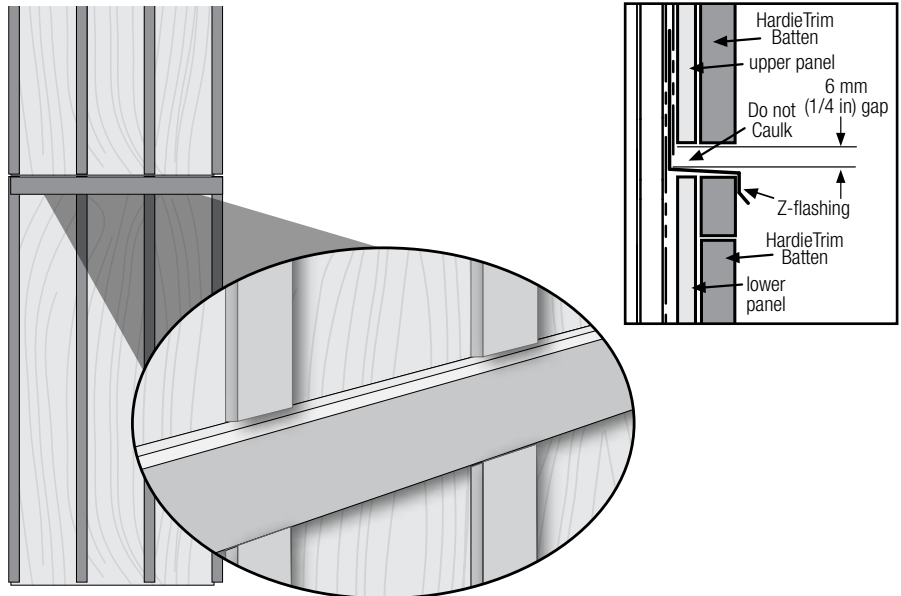


Figure 18





FASCIA

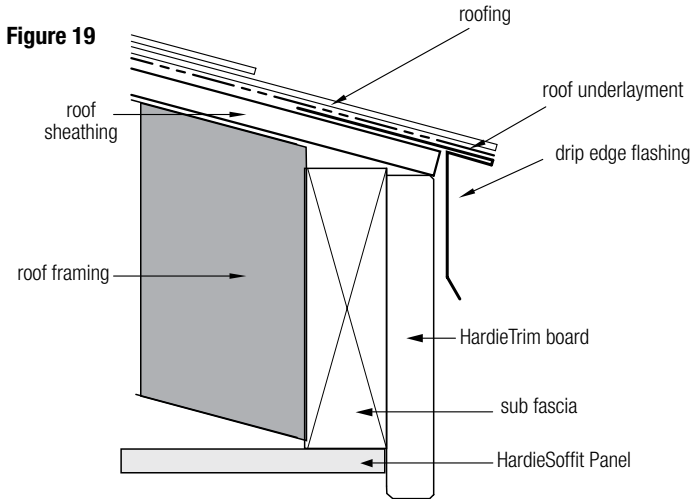
Do not use HardieTrim to replace any structural component

HardieTrim boards can be fastened directly over a 2x sub-fascia or directly to rafter tails. Check local building code for relevant codes.

Option 1

Over sub-fascia: (figure 19)

When installing HardieTrim boards over solid 2x sub-fascia use minimum 50 mm (2 in), 16 gauge corrosion resistant finish nails. (see fastener guide below)



Gutters:

James Hardie recommends the use of rain gutters whenever possible.

Do not attach gutters directly to HardieTrim

Use gutter hangers that attach through the roof sheathing into a rafter tail or other structural member.

Soffit

When installing HardieSoffit additional framing/blocking may be needed depending on application. Refer to HardieSoffit installation instructions for guidance.

Option 2

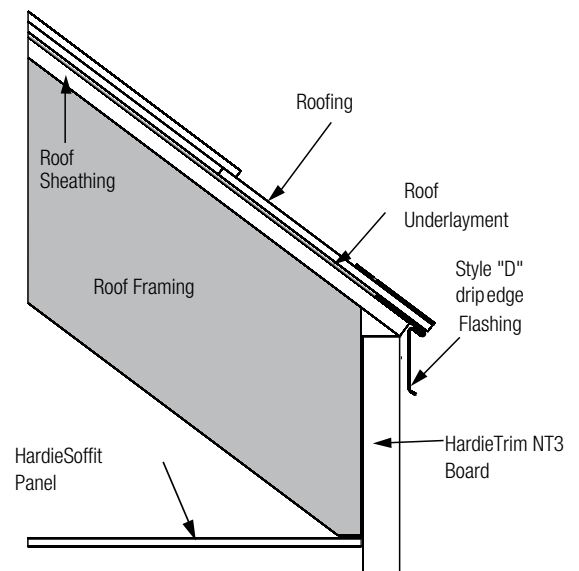
Direct to rafter tails: (figure 20)

When installing HardieTrim NT3 boards without the presence of a 2x sub-fascia, a minimum 8d siding corrosion resistant nails must be used to attach HardieTrim NT3 boards. DO NOT use finish nails. (refer to fastener guide below).

Fascia Fastener Guide

| HardieTrim Board | FASTENER SPACING | |
|------------------|---|---|
| | Direct to Rafter (min 8d siding) | Over 2x Sub-fascia (Minimum 50 mm (2 in) 16 ga. finish nails) |
| 6 in. | 2 nails every rafter spaced max 610 mm (24 in) O.C. | 2 nails spaced maximum 406 mm (16 in) O.C. |
| 8 in. | 3 nails every rafter spaced max 610 mm (24 in) O.C. | 3 nails spaced maximum 406 mm (16 in) O.C. |
| 10 in. | | 4 nails spaced maximum 406 mm (16 in) O.C. |

Figure 20





HARDIETRIM® TABS

FASTENER REQUIREMENTS

For Corners, Band Boards, Windows, and Door Applications:

HardieTrim NT3 boards may be installed with HardieTrim™ Flat Tabs and HardieTrim™ Corner Tabs which provide concealed fastening. Only HardieTrim Flat and Corner Tabs can be used with HardieTrim NT3 boards to create a concealed fastening.

Step 1: Attach HardieTrim Flat Tabs to the back side of the trim using four, 18 ga. 13 mm (1/2 in) L x 6 mm (1/4 in) W narrow crown corrosion resistant staples, equally spaced in one row, positioned no closer than 13 mm (1/2 in) from trim edges using a pneumatic staple gun. (figures 21, 22)

Step 2: For wood frame construction, attach the trim to the building with minimum 2, 6d siding nails fastened through the HardieTrim Flat Tabs (figure 23). ET&F or equivalent fasteners may be used to attach the HardieTrim Flat Tabs to steel frame construction.

Fastener spacing will vary based on application. Refer to fastener table on page 9. Refer to specific sections in these instructions for required fastener spacing by application (window, band board, etc.)

For Fascia, Rake, and Frieze board Applications:

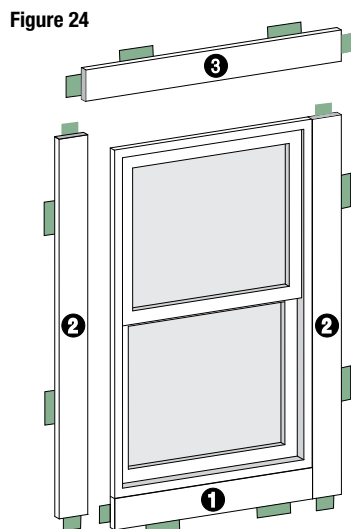
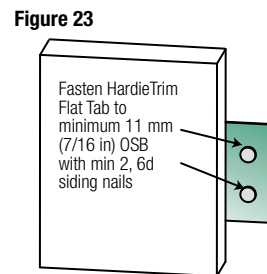
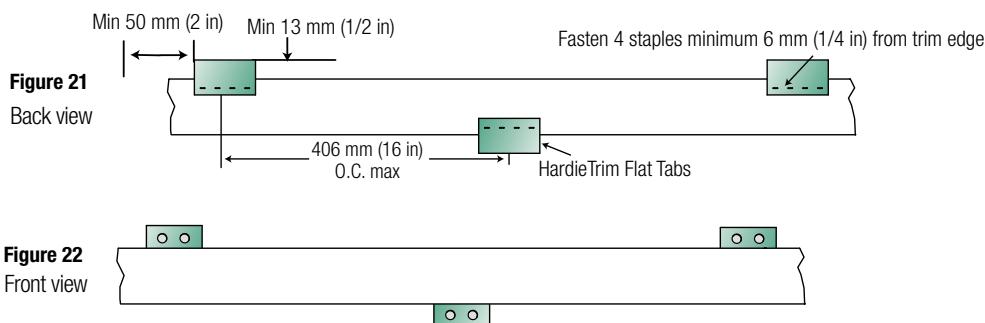
HardieTrim tabs cannot be used in fascia, rake, or frieze board applications. Follow Face nailing fastening specifications.

Installation of HardieTrim tabs in Coastal Regions:

James Hardie requires that stainless steel staples and fasteners be used when installing HardieTrim Tabs in coastal regions.

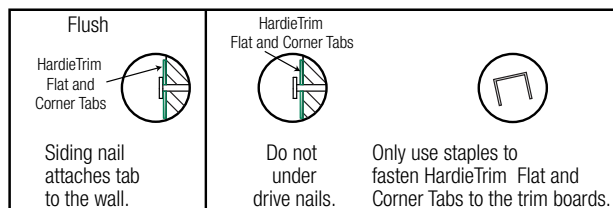
Installation of HardieTrim Tabs over Pressure Treated Lumber: HardieTrim tabs shall not come in direct contact with ACQ or CA preservative-treated wood. Refer to the General Fastening section of this document for further information.

HardieTrim boards with ColorPlus Technology: Remove the laminate sheet as soon as possible after attaching the trim to the building.



Trim Application for Windows, Doors & Other Openings

Trim the opening prior to the installation of the siding. Place a Flat Tab at the end of each trim board and one tab every 406 mm (16 in) OC. Attach the trim boards and Flat Tabs around the opening as shown in figure 24. Use 16 ga. galvanized 50 mm (2 in) long finish nails to ensure proper fastening if needed.



NOTE: Follow your window/door manufacturers installation instructions for caulking guidance between window and trim.



TRIMMING CORNERS

When using HardieTrim tabs prebuild outside corners off the wall.

- Attach HardieTrim Corner Tabs to the back side of the trim using eight(8) - 18 ga. 13 mm (1/2 in) L x 6 mm (1/4 in) W narrow crown corrosion resistant staples using a pneumatic stapler. Ensure the HardieTrim Corner Tabs are fastened tight and straight to the trim boards. (figure 25)
- For wood frame construction, attach trim to building using min. 6d siding nails fastened through the HardieTrim Corner Tabs attached to minimum 11 mm (7/16 in) OSB *. (figure 26)
- Attach a HardieTrim Corner Tab 25 mm (1 in) from each ends and every 508 mm (20 in) O.C.
- TIP: Creating a jig for the work station is recommended to ensure corners are fastened securely and straight. (figure 27)

Figure 25

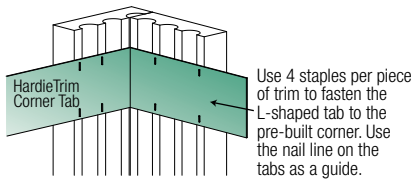


Figure 26

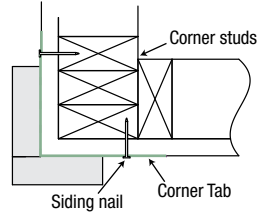
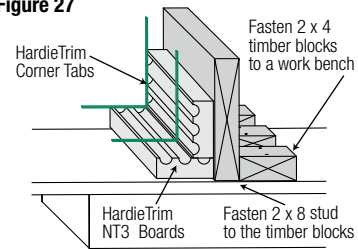


Figure 27



BAND BOARD

Terminate ends of the Band Board into Trim or Siding or miter cut the edges of the trim at the corners of the building. Place a HardieTrim Flat Tab at the end of each trim board and one tab every stud at a maximum of 406 mm (16 in) O.C. The HardieTrim Flat Tabs should be attached to the trim in an alternating pattern to the top and bottom of the band board (figures 21, 22). Use 16 ga. galvanized 50 mm (2 in) long finish nails to ensure proper fastening if needed.

Trim Tab Fastener Table

| Application | Framing Material Tab is nailed into | Fastener (tab to framing) | Fastener (tab to trim) | Max Tab Spacing (inches on center) |
|-------------|---------------------------------------|---|---|------------------------------------|
| Flat Tab | Wood Stud (minimum G=0.42) | One 6d corrosion resistant siding nail installed through center of tab into framing | Four 18 ga. X 13 mm (1/2 in) L x 6 mm (1/4 in) W corrosion resistant crown staples, equally spaced in one row | 16 |
| | Minimum APA rated 11 mm (7/16 in) OSB | Two 4d ring shank corrosion resistant siding nails equally spaced installed through tab into framing | | |
| | Minimum 20 gauge steel | One No. 8 X 1 in. long X 0.323 in. head diameter screw (corrosion resistant) installed through flange into framing | | |
| Corner Tab | Wood Stud (minimum G=0.42) | On each flange, install one 6d corrosion resistant siding nail through tab into framing | For each piece of trim, install Four 18 ga. X 13 mm (1/2 in) L x 6 mm (1/4 in) W corrosion resistant crown staples, equally space in two rows | 20 |
| | Minimum APA rated 11 mm (7/16 in) OSB | On each flange, install two 4d ring shank corrosion resistant siding nails through tab into framing | | |
| | Minimum 20 gauge steel | On each flange, install one No. 8 X 1 in. long X 0.323 in. head diameter screw (corrosion resistant) through tab into framing | | |





FINISHING

CUT EDGE TREATMENT

Caulk, paint or prime all field cut edges. James Hardie touch-up kits are required to touch-up ColorPlus products.

CAULKING

Elastomeric Joint Sealant is required in accordance with Part 9.27.4 of the NBC, complying with ASTM C920 Grade NS, Class 25 or higher or a Latex Joint Sealant complying with ASTM C834. Caulking/Sealant must be applied in accordance with the caulking/sealant manufacturer's written instructions.

PAINTING

DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie Products. James Hardie products must be painted within 180 days for primed product and 90 days for unprimed. 100% acrylic topcoats are recommended. Do not paint when wet. For application rates refer to paint manufacturers specifications. Back-rolling is recommended if the siding is sprayed.

COLORPLUS TECHNOLOGY CAULKING, TOUCH-UP & LAMINATE

- Care should be taken when handling and cutting James Hardie® ColorPlus® products. During installation use a wet soft cloth or soft brush to gently wipe off any residue or construction dust left on the product, then rinse with a garden hose.
- Touch up nicks, scrapes and nail heads using the ColorPlus® Technology touch-up applicator. Touch-up should be used sparingly. If large areas require touch-up, replace the damaged area with new HardiePlank® lap siding with ColorPlus® Technology.
- Laminate sheet must be removed immediately after installation of each course.
- Terminate non-factory cut edges into trim where possible, and caulk. Color matched caulks are available from your ColorPlus® product dealer.
- Treat all other non-factory cut edges using the ColorPlus Technology edge coat, available from your ColorPlus product dealer.

Note: James Hardie does not warrant the usage of third party touch-up or paints used as touch-up on James Hardie ColorPlus products.

Problems with appearance or performance arising from use of third party touch-up paints or paints used as touch-up that are not James Hardie touch-up will not be covered under the James Hardie ColorPlus Limited Finish Warranty.

PAINTING JAMES HARDIE SIDING AND TRIM PRODUCTS WITH COLORPLUS TECHNOLOGY

When repainting ColorPlus products, James Hardie recommends the following regarding surface preparation and topcoat application:

- Ensure the surface is clean, dry, and free of any dust, dirt, or mildew
- Repriming is normally not necessary
- 100% acrylic topcoats are recommended
- DO NOT use stain, oil/alkyd base paint, or powder coating on James Hardie® Products.
- Apply finish coat in accordance with paint manufacturers written instructions regarding coverage, application methods, and application temperature
- DO NOT caulk nail heads when using ColorPlus products, refer to the ColorPlus touch-up section

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SILICA WARNING

DANGER: May cause cancer if dust from product is inhaled. Causes damage to lungs and respiratory system through prolonged or repeated inhalation of dust from product. Refer to the current product Safety Data Sheet before use. The hazard associated with fiber cement arises from crystalline silica present in the dust generated by activities such as cutting, machining, drilling, routing, sawing, crushing, or otherwise abrading fiber cement, and when cleaning up, disposing of or moving the dust. When doing any of these activities in a manner that generates dust you must (1) comply with the OSHA standard for silica dust and/or other applicable law, (2) follow James Hardie cutting instructions to reduce or limit the release of dust; (3) warn others in the area to avoid breathing the dust; (4) when using mechanical saw or high speed cutting tools, work outdoors and use dust collection equipment; and (5) if no other dust controls are available, wear a dust mask or respirator that meets NIOSH requirements (e.g. N-95 dust mask). During clean-up, use a well maintained vacuum and filter appropriate for capturing fine (respirable) dust or use wet clean-up methods - never dry sweep.

WARNING: This product can expose you to chemicals including respirable crystalline silica, which is known to the State of California to cause cancer. For more information go to P65Warnings.ca.gov.

RECOGNITION: HardieTrim boards may be installed as an equal alternative to conventional trim permitted for use in; 2006, 2009, 2012 & 2015 International Building Code, Section 1403, and the 2006, 2009, 2012 & 2015 International Residential Code for One and Two-Family Dwellings, Section R703.

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|-------------------------|---------------------------------|----------|-------------------------------------|--|
| 00 - General | 00.01 - Concrete | | | |
| 00.02 - Masonry | | | | |
| 00.03 - Steel Decking | | | | |
| 00.04 - Formwork | | | | |
| 00.05 - Scaffolding | | | | |
| 00.06 - Safety | | | | |
| 00.07 - Signage | | | | |
| 00.08 - Security | | | | |
| 00.09 - Storage | | | | |
| 00.10 - Trenches | | | | |
| 00.11 - Windows | | | | |
| 00.12 - Doors | | | | |
| 00.13 - Partitions | | | | |
| 00.14 - Stairs | | | | |
| 00.15 - Elevators | | | | |
| 00.16 - Mechanical | | | | |
| 00.17 - Electrical | | | | |
| 00.18 - Plumbing | | | | |
| 00.19 - Fire Protection | | | | |
| 00.20 - Energy | | | | |
| 00.21 - Sustainability | | | | |
| 00.22 - Other | | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments |
|----------------------|---------------------------------|----------|-------------------------------------|
| 01 - Foundation | | | |
| 02 - Structure | | | |
| 03 - Exterior | | | |
| 04 - Interior | | | |
| 05 - Roofing | | | |
| 06 - Windows | | | |
| 07 - Doors | | | |
| 08 - Partitions | | | |
| 09 - Stairs | | | |
| 10 - Elevators | | | |
| 11 - Mechanical | | | |
| 12 - Electrical | | | |
| 13 - Plumbing | | | |
| 14 - Fire Protection | | | |
| 15 - Energy | | | |
| 16 - Sustainability | | | |
| 17 - Other | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments |
|----------------------|---------------------------------|----------|-------------------------------------|
| 18 - Signage | | | |
| 19 - Security | | | |
| 20 - Storage | | | |
| 21 - Trenches | | | |
| 22 - Windows | | | |
| 23 - Doors | | | |
| 24 - Partitions | | | |
| 25 - Stairs | | | |
| 26 - Elevators | | | |
| 27 - Mechanical | | | |
| 28 - Electrical | | | |
| 29 - Plumbing | | | |
| 30 - Fire Protection | | | |
| 31 - Energy | | | |
| 32 - Sustainability | | | |
| 33 - Other | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|----------------------|---------------------------------|----------|-------------------------------------|--|
| 34 - Signage | | | | |
| 35 - Security | | | | |
| 36 - Storage | | | | |
| 37 - Trenches | | | | |
| 38 - Windows | | | | |
| 39 - Doors | | | | |
| 40 - Partitions | | | | |
| 41 - Stairs | | | | |
| 42 - Elevators | | | | |
| 43 - Mechanical | | | | |
| 44 - Electrical | | | | |
| 45 - Plumbing | | | | |
| 46 - Fire Protection | | | | |
| 47 - Energy | | | | |
| 48 - Sustainability | | | | |
| 49 - Other | | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|----------------------|---------------------------------|----------|-------------------------------------|--|
| 50 - Signage | | | | |
| 51 - Security | | | | |
| 52 - Storage | | | | |
| 53 - Trenches | | | | |
| 54 - Windows | | | | |
| 55 - Doors | | | | |
| 56 - Partitions | | | | |
| 57 - Stairs | | | | |
| 58 - Elevators | | | | |
| 59 - Mechanical | | | | |
| 60 - Electrical | | | | |
| 61 - Plumbing | | | | |
| 62 - Fire Protection | | | | |
| 63 - Energy | | | | |
| 64 - Sustainability | | | | |
| 65 - Other | | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|----------------------|---------------------------------|----------|-------------------------------------|--|
| 66 - Signage | | | | |
| 67 - Security | | | | |
| 68 - Storage | | | | |
| 69 - Trenches | | | | |
| 70 - Windows | | | | |
| 71 - Doors | | | | |
| 72 - Partitions | | | | |
| 73 - Stairs | | | | |
| 74 - Elevators | | | | |
| 75 - Mechanical | | | | |
| 76 - Electrical | | | | |
| 77 - Plumbing | | | | |
| 78 - Fire Protection | | | | |
| 79 - Energy | | | | |
| 80 - Sustainability | | | | |
| 81 - Other | | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|----------------------|---------------------------------|----------|-------------------------------------|--|
| 82 - Signage | | | | |
| 83 - Security | | | | |
| 84 - Storage | | | | |
| 85 - Trenches | | | | |
| 86 - Windows | | | | |
| 87 - Doors | | | | |
| 88 - Partitions | | | | |
| 89 - Stairs | | | | |
| 90 - Elevators | | | | |
| 91 - Mechanical | | | | |
| 92 - Electrical | | | | |
| 93 - Plumbing | | | | |
| 94 - Fire Protection | | | | |
| 95 - Energy | | | | |
| 96 - Sustainability | | | | |
| 97 - Other | | | | |

| SECTION | SPECIFICATIONS AND SYSTEM NOTES | Approved | General Location / Notes / Comments | |
|-----------------------|---------------------------------|----------|-------------------------------------|--|
| 98 - Signage | | | | |
| 99 - Security | | | | |
| 100 - Storage | | | | |
| 101 - Trenches | | | | |
| 102 - Windows | | | | |
| 103 - Doors | | | | |
| 104 - Partitions | | | | |
| 105 - Stairs | | | | |
| 106 - Elevators | | | | |
| 107 - Mechanical | | | | |
| 108 - Electrical | | | | |
| 109 - Plumbing | | | | |
| 110 - Fire Protection | | | | |
| 111 - Energy | | | | |
| 112 - Sustainability | | | | |
| 113 - Other | | | | |

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6: sayers@apsley.ca

NORTH ARROW

SEAL OF THE ONTARIO ASSOCIATION OF ARCHITECTS

ROBERT A KEN
LICENSE 5302

PROJECT TITLE
NEW SAYERS FOOD STORE
BURLEIGH STREET, APSLEY

DRAWING TITLE
OUTLINE SPECIFICATION

SCALE
NTS

DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102

DRAWING NUMBER
A021

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.
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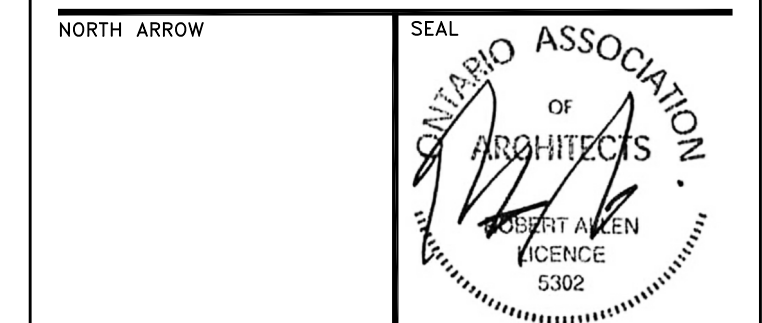
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e: sayers@apsley.ca



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

DRAWING TITLE
**GROUND LEVEL
FLOOR PLAN**

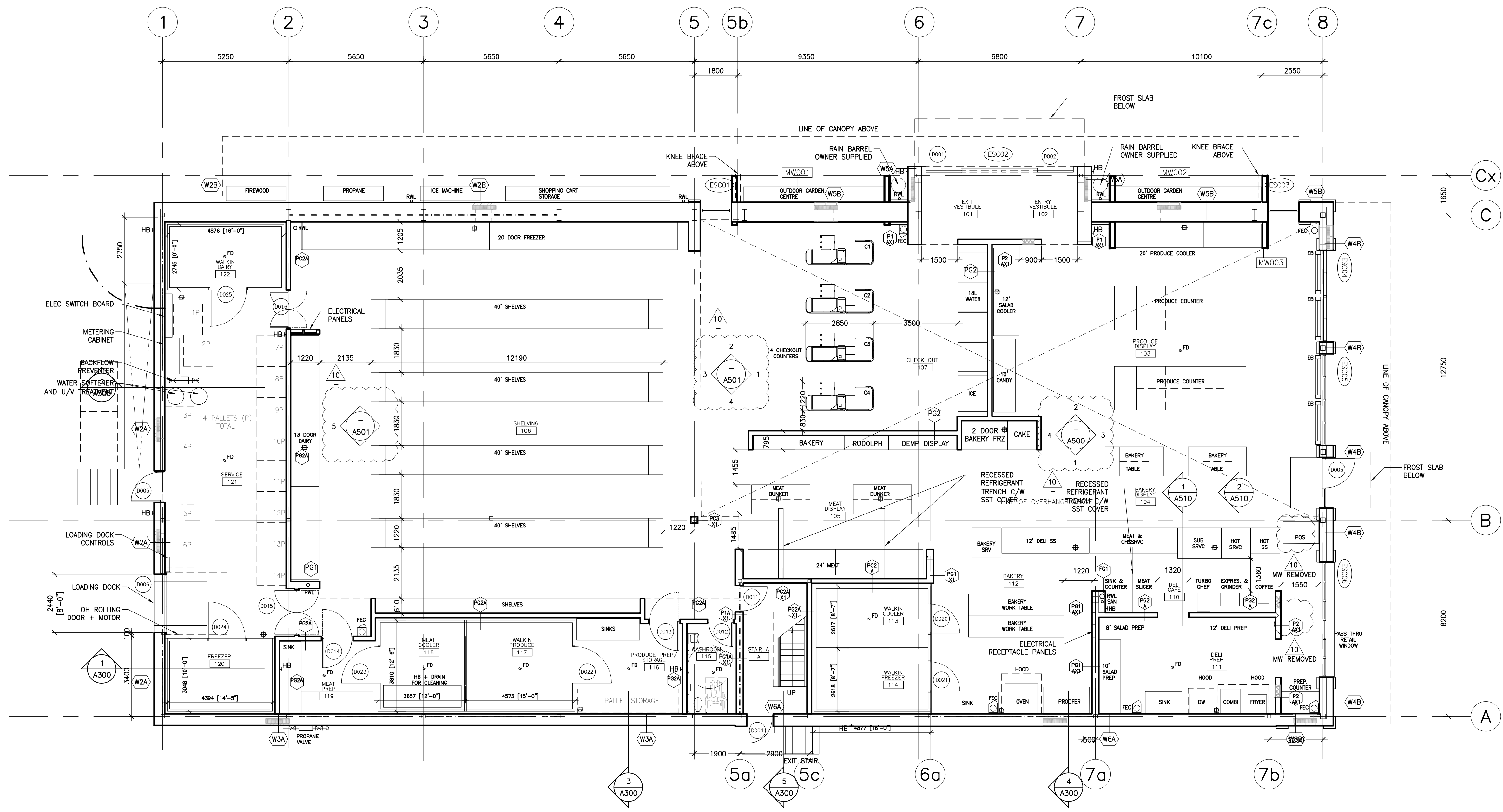
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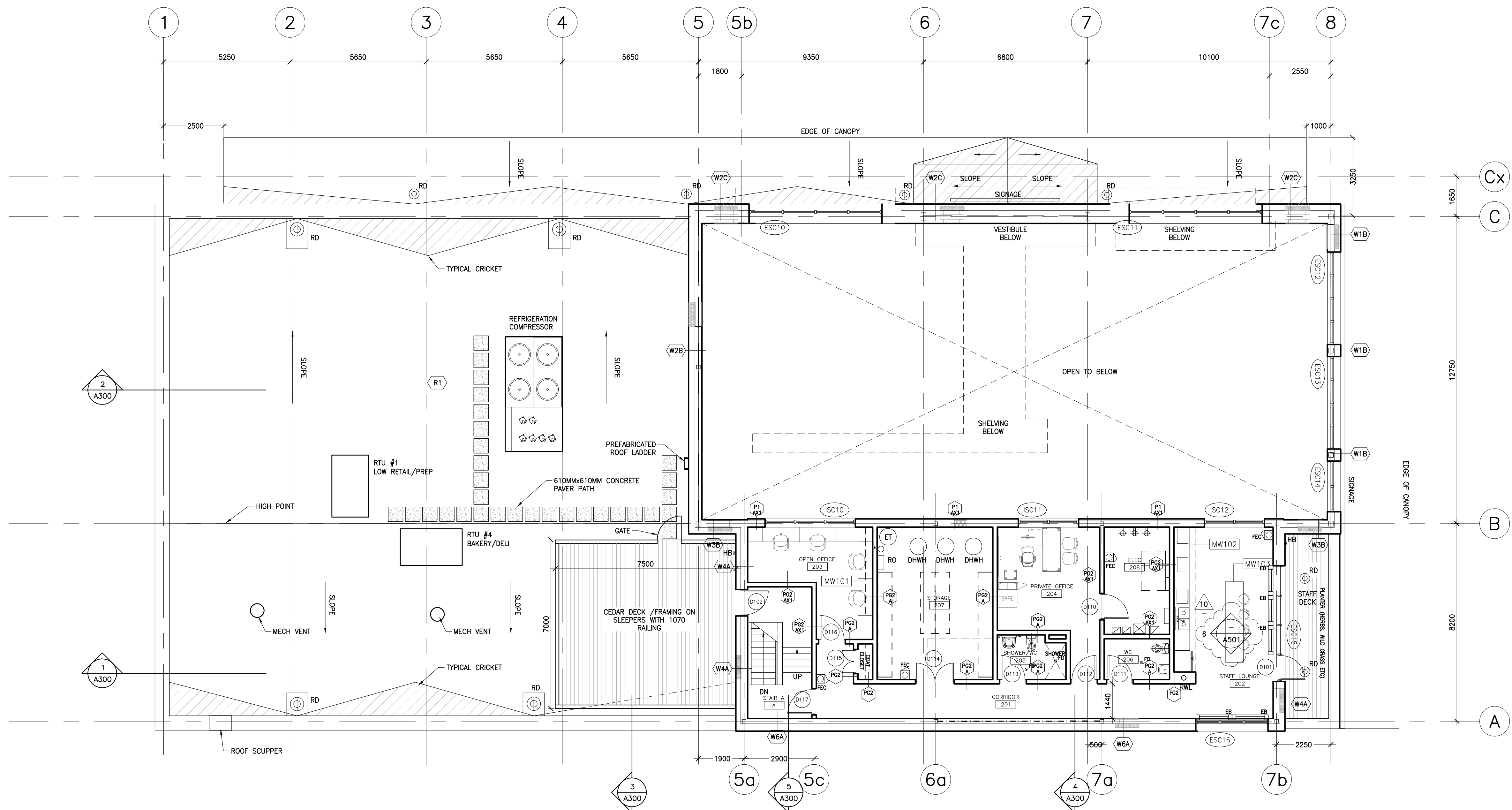
DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102

DRAWING NUMBER

A100





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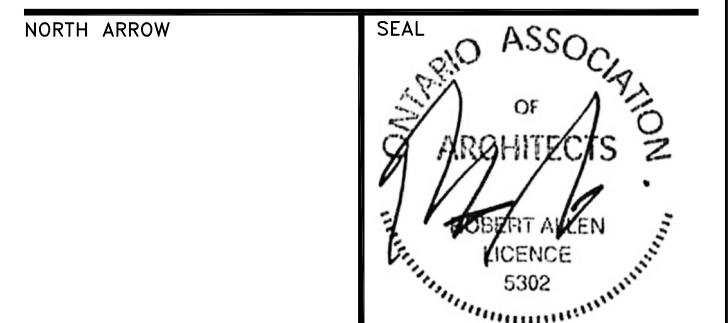
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PROJECT TITLE
**NEW SAYERS FOOD STORE
 BURLEIGH STREET, APSLEY**

DRAWING TITLE
**LEVEL 2
 FLOOR PLAN**
 SCALE
1:100
 DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
 DRAWING NUMBER

A101

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.

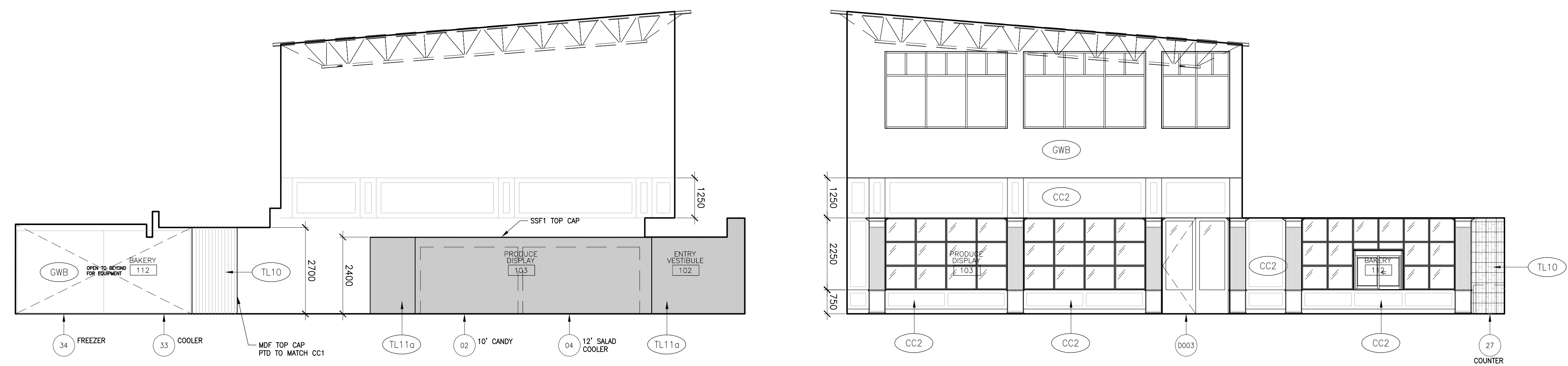
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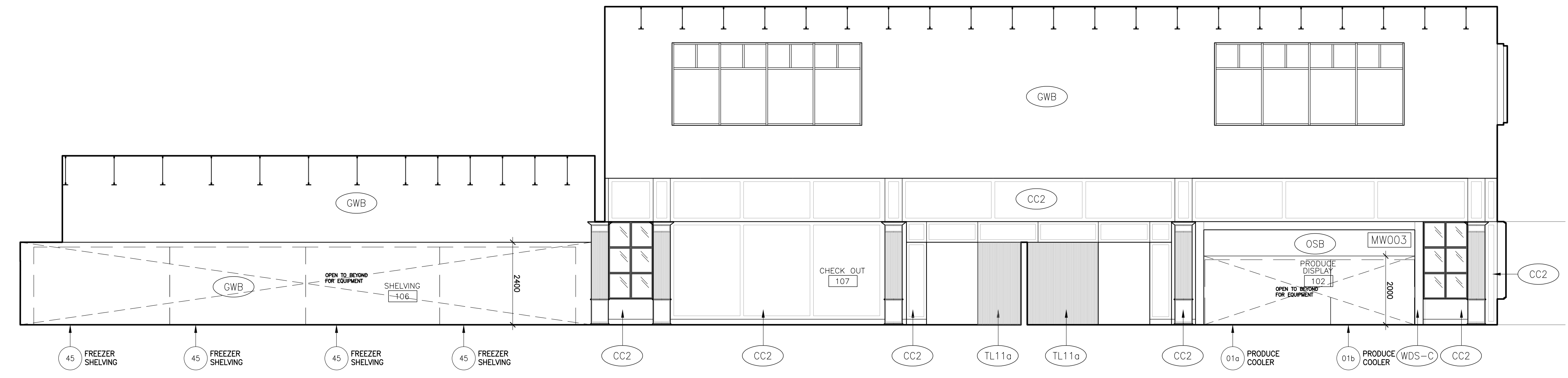
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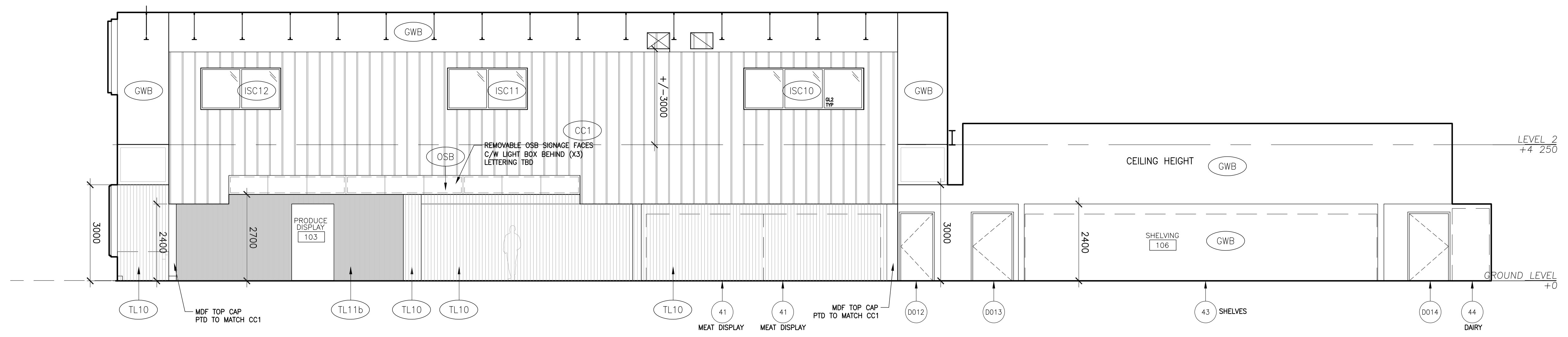


4 NORTH FACING L1 - PRODUCE DISPLAY

3 SOUTH FACING L1 - PRODUCE DISPLAY

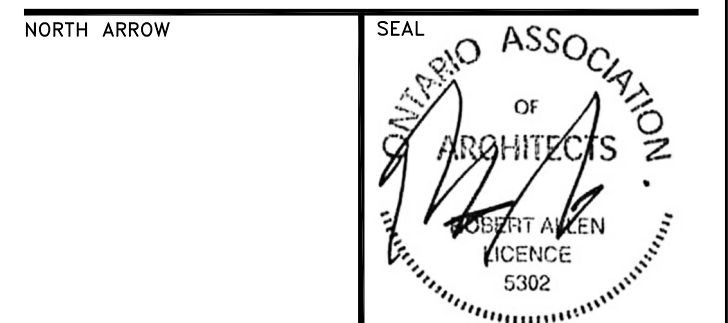


2 EAST FACING L1 - PRODUCE DISPLAY



1 WEST FACING L1 - PRODUCE DISPLAY

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 e: sayers@apsley.ca



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

DRAWING TITLE
INTERIOR ELEVATIONS
 SCALE
1:100
 DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
 DRAWING NUMBER

A500

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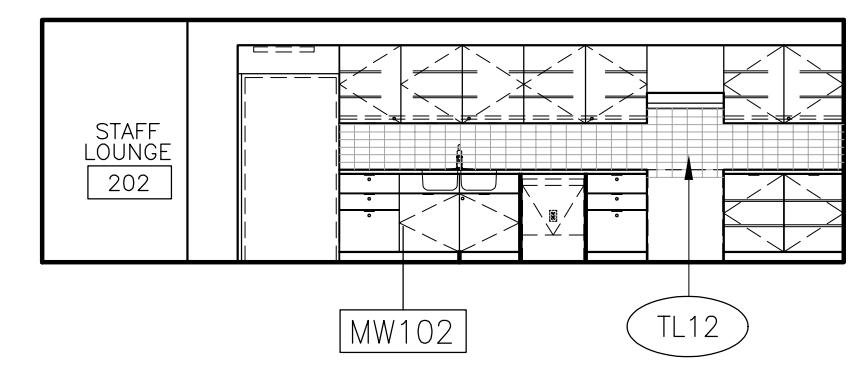
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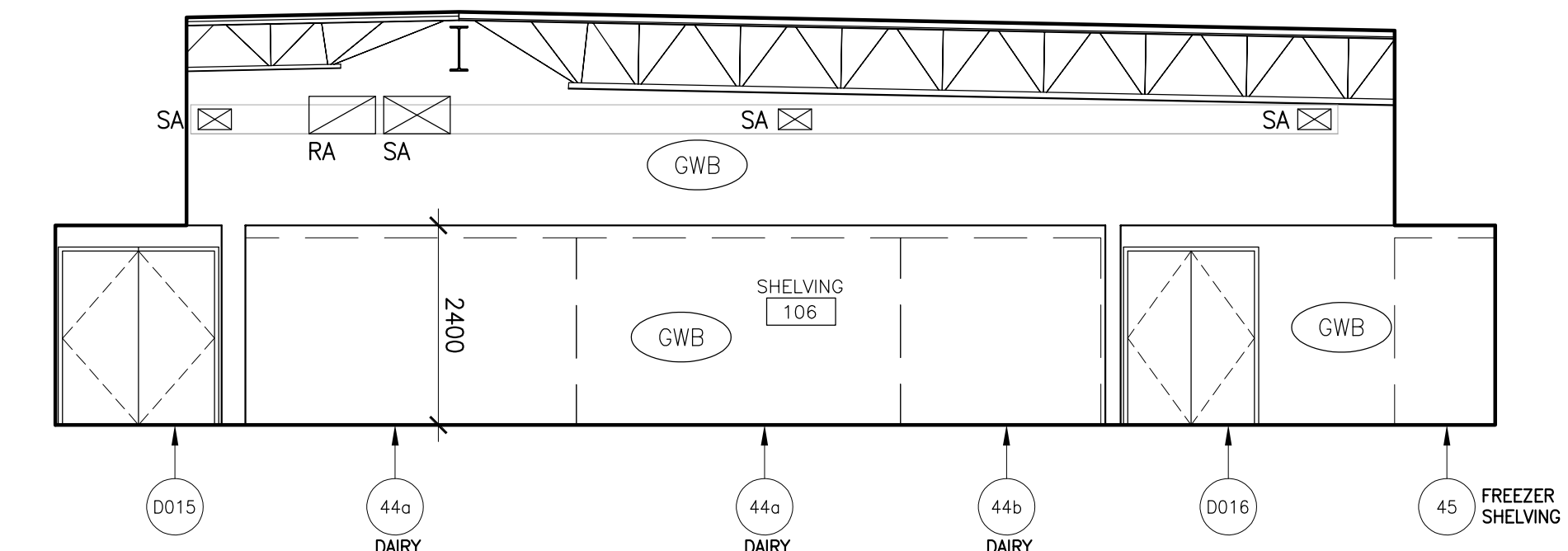
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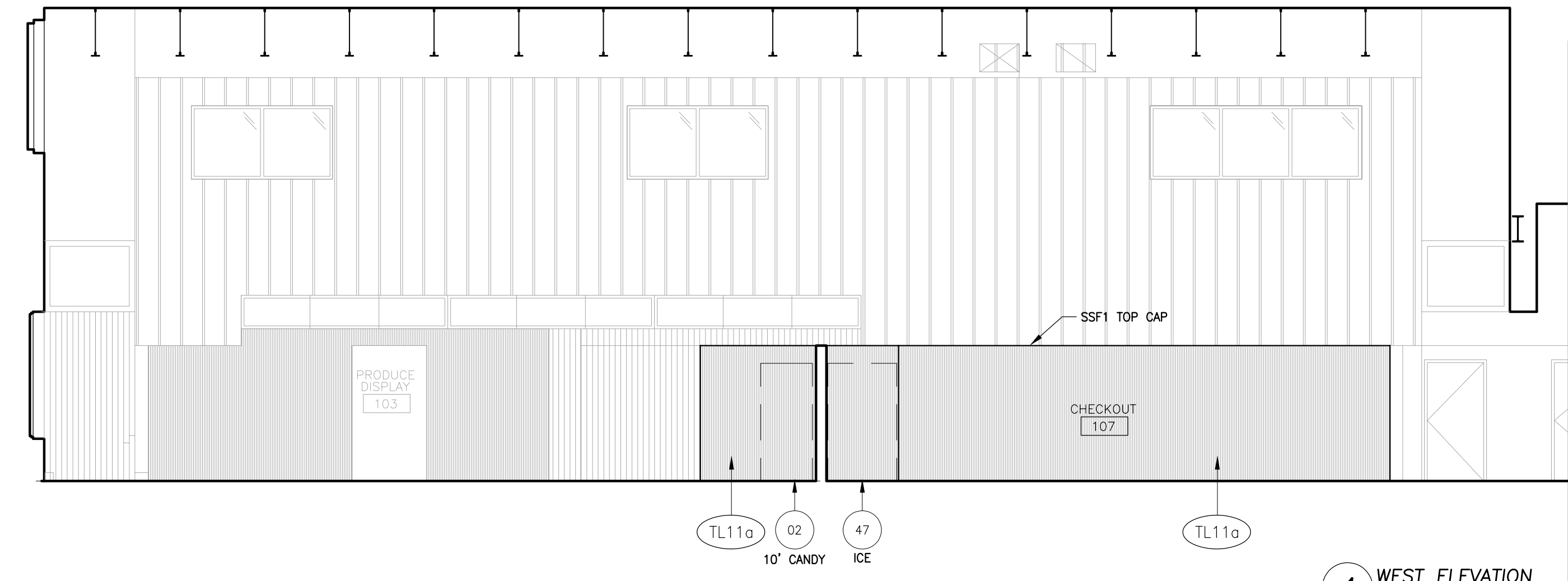
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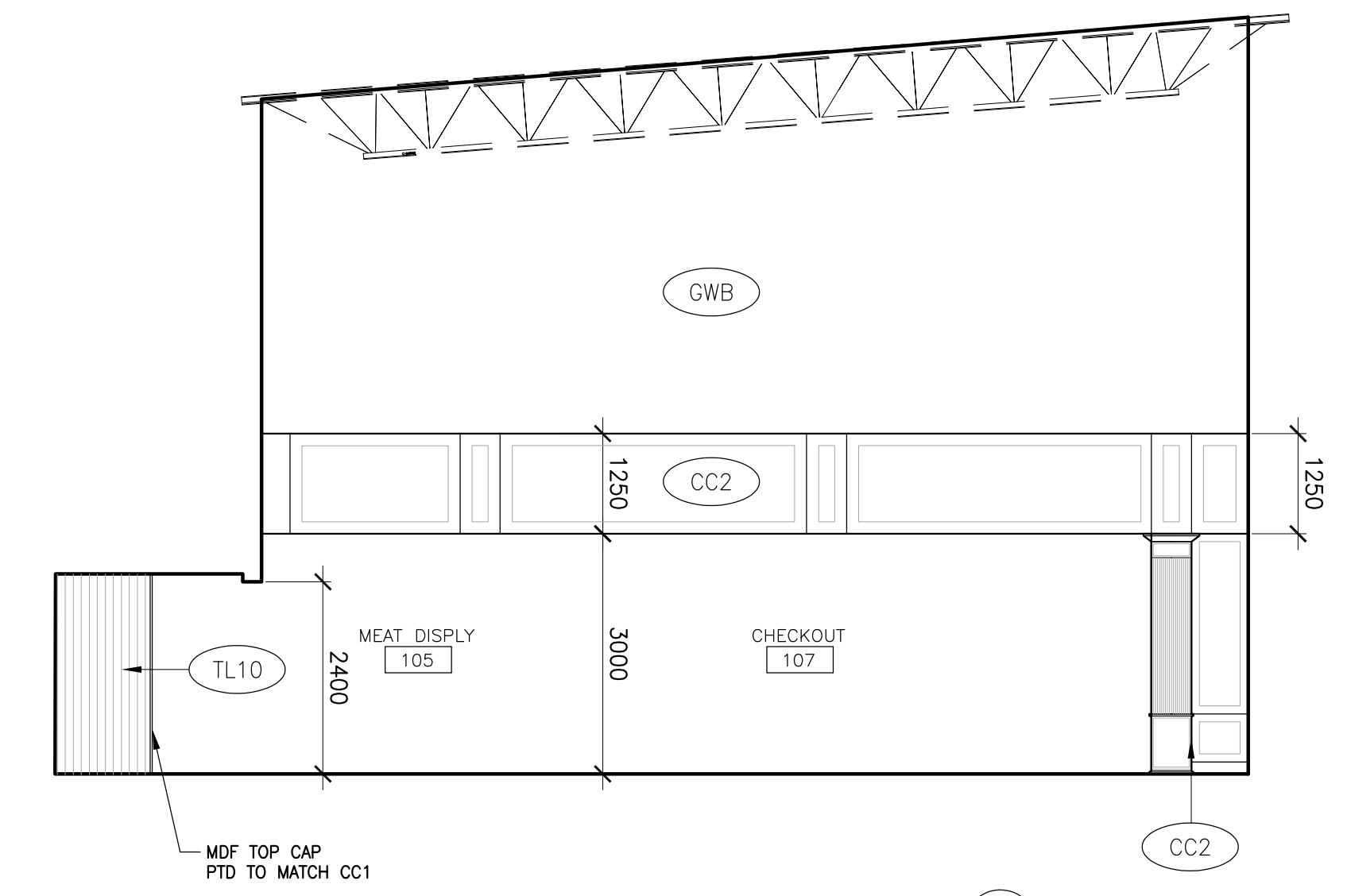
6 NORTH ELEVATION
L2 - STAFF LOUNGE



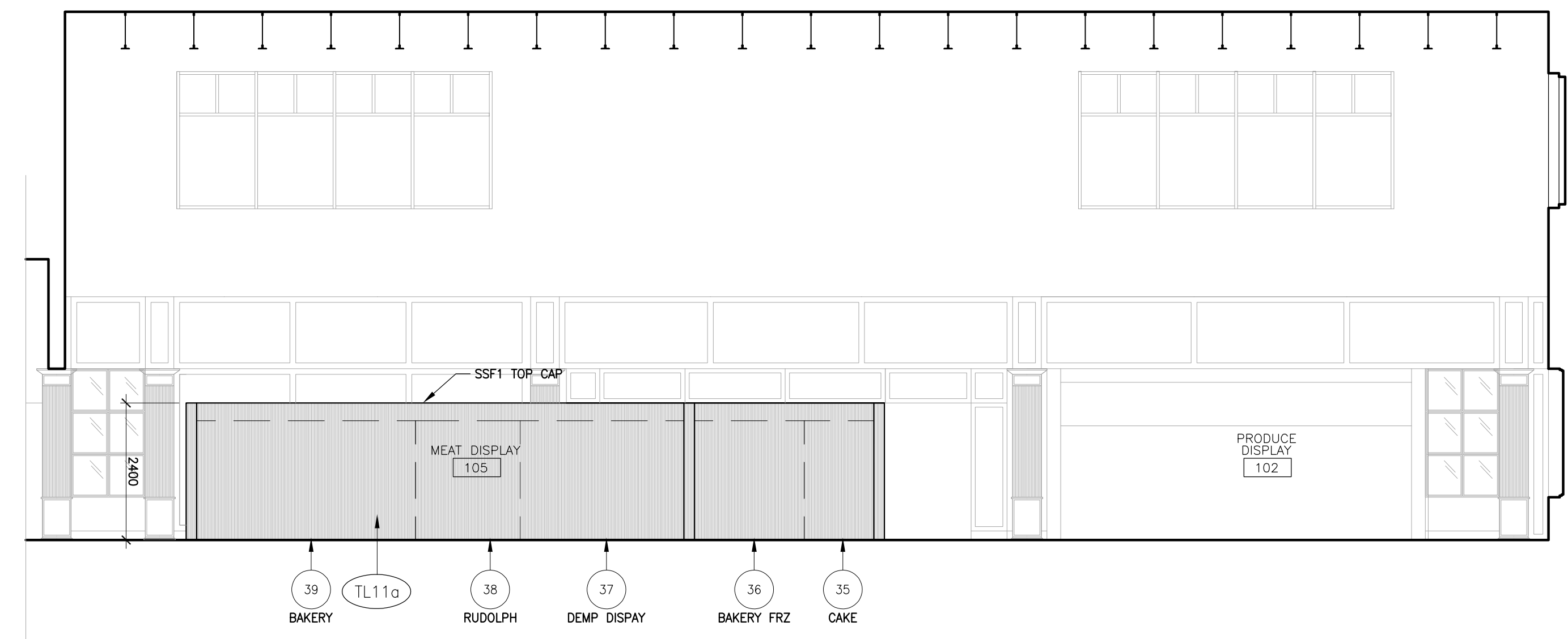
5 NORTH ELEVATION
L1 - SHELVEING



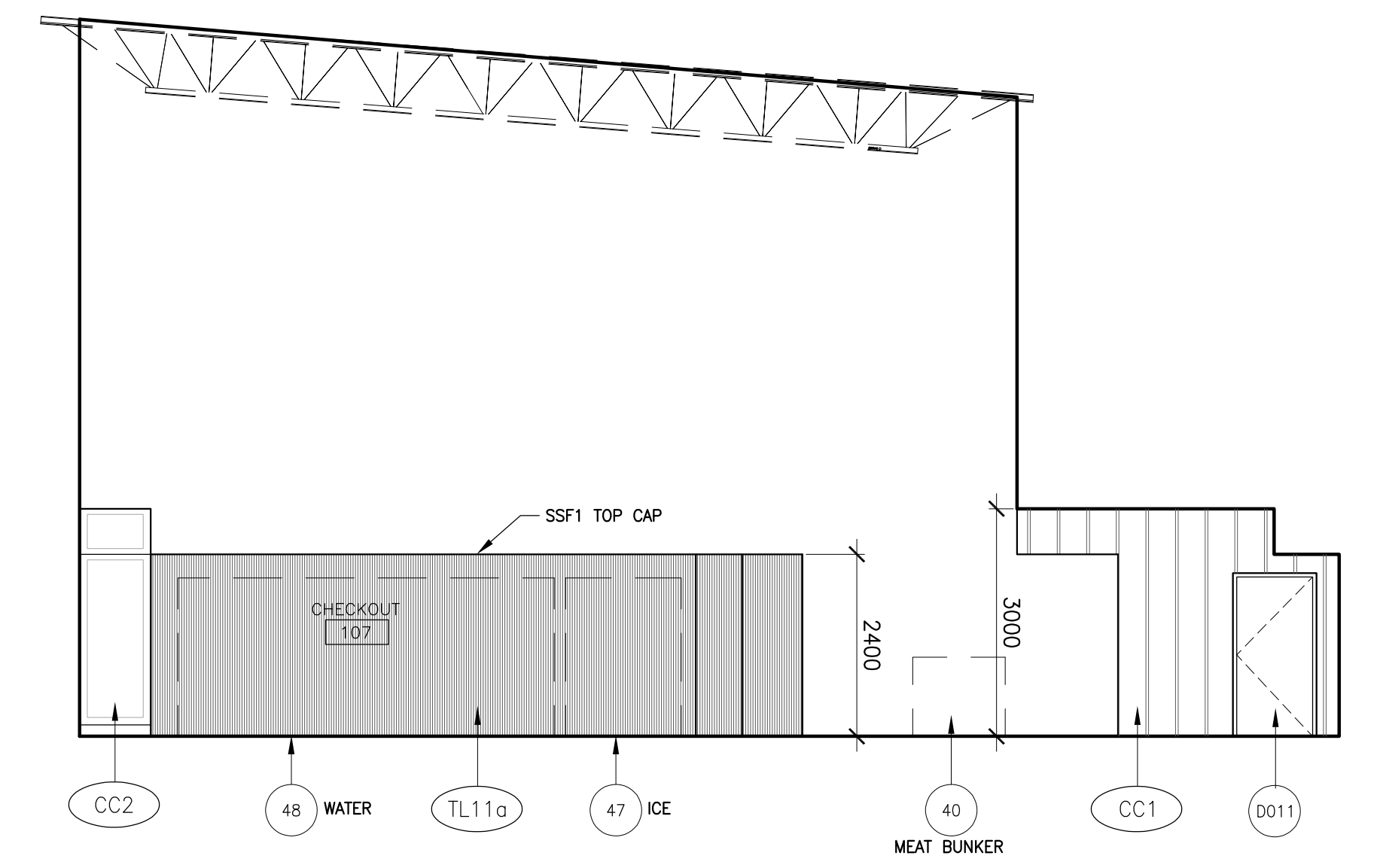
4 WEST ELEVATION
L1 - CHECKOUT



3 NORTH ELEVATION
L1 - CHECKOUT

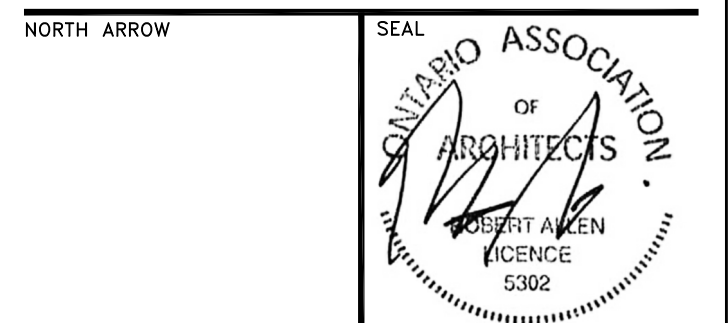


2 EAST ELEVATION
L1 - CHECKOUT



1 SOUTH ELEVATION
L1 - CHECKOUT

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

DRAWING TITLE
INTERIOR ELEVATIONS
 SCALE
1:100
 DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
 DRAWING NUMBER

A501

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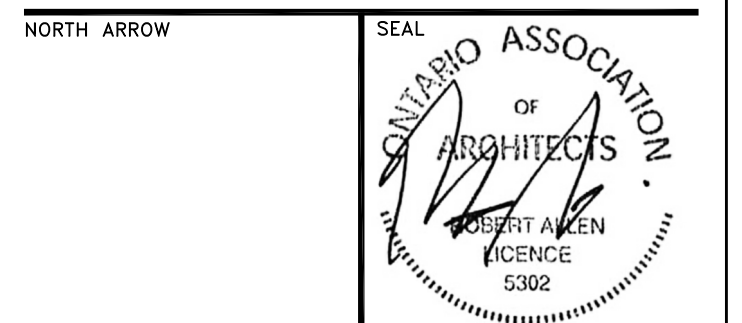
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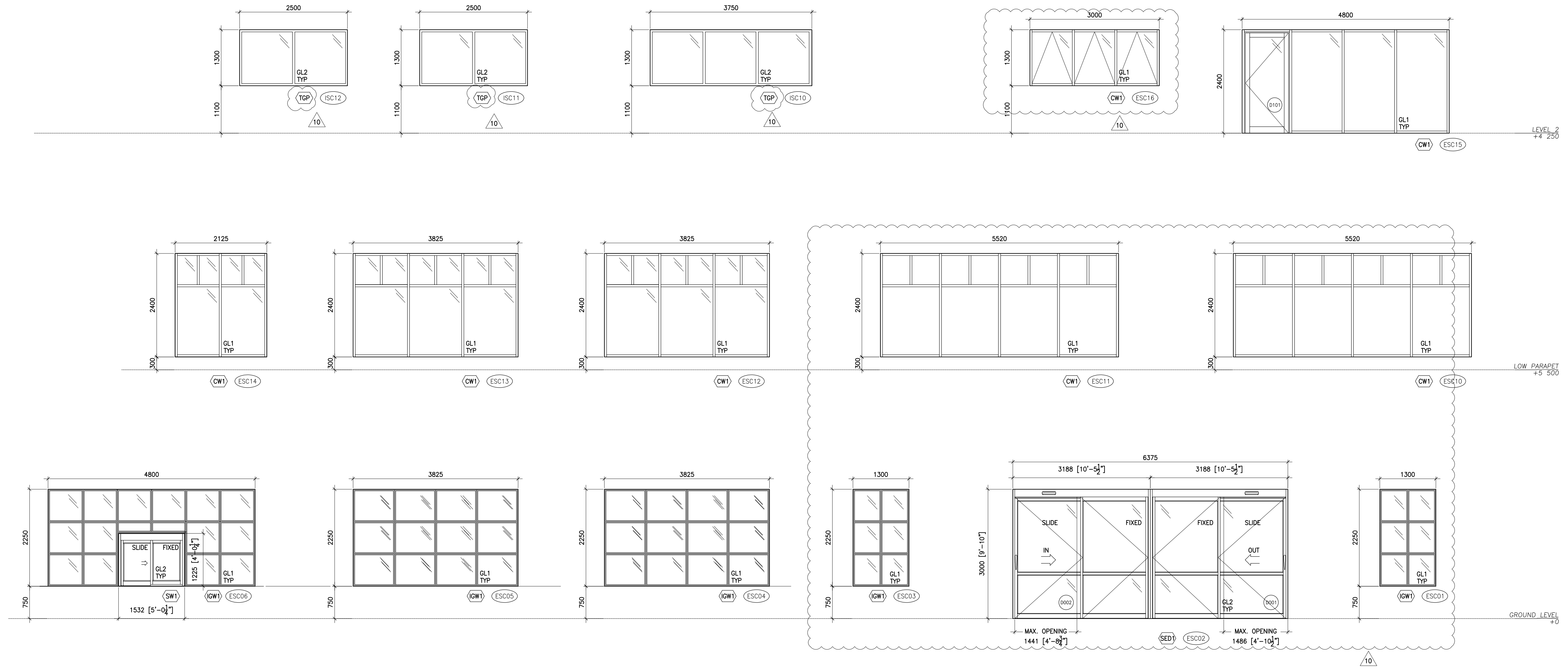


PROJECT TITLE
**NEW SAYERS FOOD STORE
 BURLEIGH STREET, APSLEY**

DRAWING TITLE
**EXTERIOR & INTERIOR
 SCREEN SCHEDULES**
 SCALE
1:50
 DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
 DRAWING NUMBER

A710

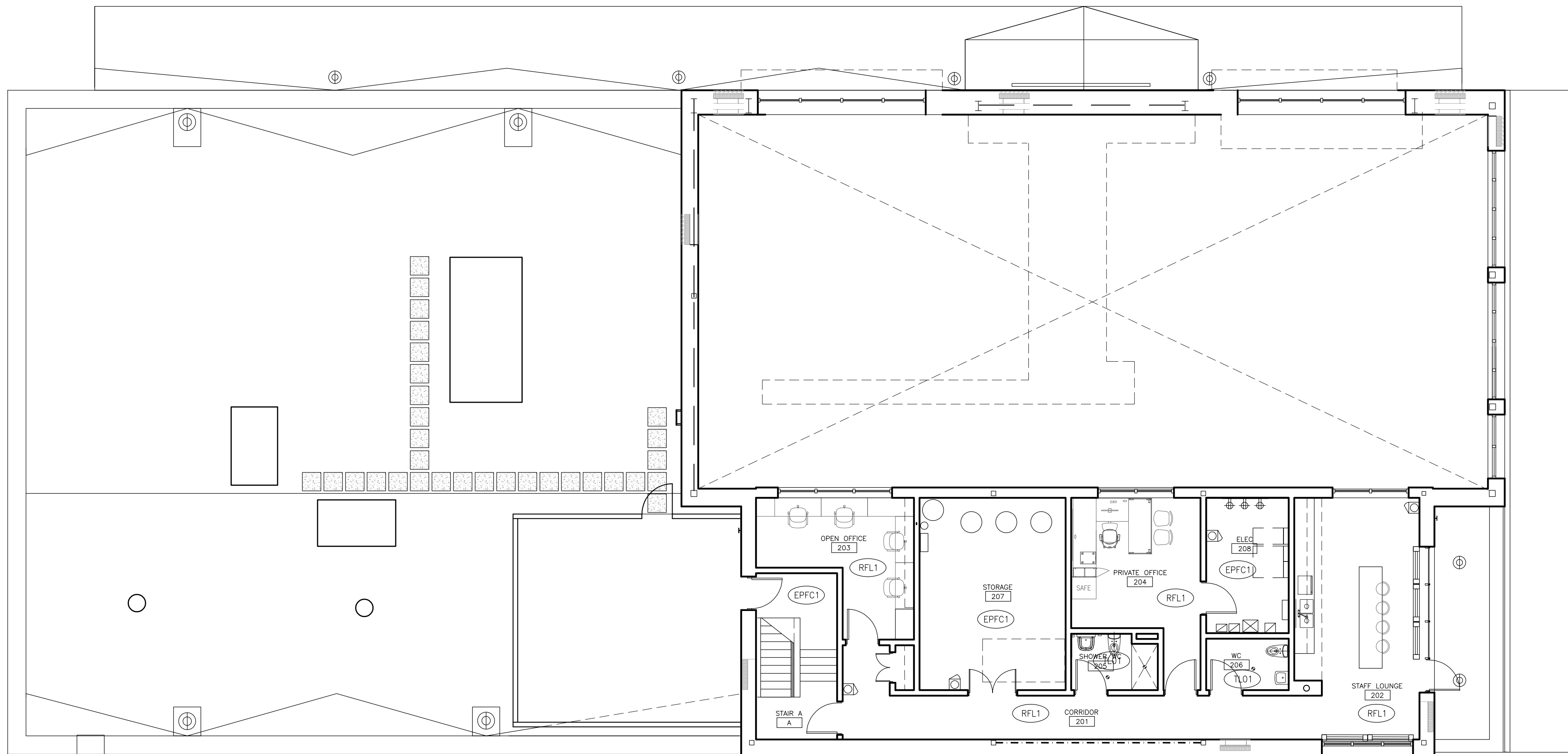


| GLAZING SCHEDULE | | | | | | | |
|------------------|-------------------------|-----------------|---------------|---------|-----------------|---------------|---|
| GLASS TYPE | LITE TYPE AND THICKNESS | | LOW E COATING | | CERAMIC COATING | | GLAZING NOTE |
| | OUTER | INNER | TYPE | SURFACE | EX-FR SURFACE | EX-FR SURFACE | |
| GL1 | FT 6mm | FT 6mm | DOUBLE | SLURR | FT | | TYPICAL EXTERIOR SOL ARBON-FILLED, BOROFLUOR-FLUOR-OLIGO-SPACER BAR |
| GL2 | FIRE-RATED | CERAMIC GLAZING | - | - | - | - | SEE OUTLINE SPEC |

FRAME TYPE
 IGW1 INTERIOR GLAZED WINDOW
 ALUMINUM SHOWERLINE 870 - THERMALLY BROKEN
 130mm/51mm PREPARED ALUM. SECTIONS
 GLASS: GL1
 COLOUR: CUSTOM (TRG)
 CW1 CURTAIN WALL
 ALUMINUM THERMALLY BROKEN
 130mm/51mm PREPARED ALUM. BRICK SECTIONS
 PERIMETER WALLS AT TOP AND BOTTOM 150mm CAPPED
 PRIMERED WALLS AT JAMB: 150mm CAPPED
 INTERMEDIATE VERTICAL MULLIONS: 150mm CAPPED
 GLASS: GL1
 COLOUR: CUSTOM (TRG)
 S01 AUTOMATIC SLIDING ENTRANCE DOORS
 HOFFER AUTOMATIC - PROFILE SERIES 8021
 SLIDING DOOR SYSTEM WITH ELECTRIC BELT DRIVE OPERATOR
 DOOR TYPE: 310 - 32 & 30
 OPERATE 1-ONET/MANUAL/PRESERVE DETECTORS AND
 MFC MANUAL LOCKING
 PREPARED COLOUR = CUSTOM (TRG)
 S01 SLIDING SERVICE WINDOW
 HOFFER AUTOMATIC - SERIES 8900
 DOOR TYPE = 310 - 32 & 30
 HEADER = 150mm LITE-PROFILE
 OPERATOR = REDUCED MANUAL PULL
 LOCK = THUMB LOCK
 PREPARED COLOUR = CUSTOM (TRG)
 TOP FIRE RATED GLASS AND FRAMING
 FIRE-RATED METAL FRAME AND GLAZING (GSM WALL FFF)

GLAZING SCHEDULE LEGEND
 GLASS TYPE
 FT FULLY TEMPERED DS DOUBLE GLAZED
 FTI SOLID OPAQUE FTI LAMINATED INTERLAYER PVB POLYURETHANE BUTYRAL
GLAZING NOTES:
 1. GLASS THICKNESS: 6mm MINIMUM AND AS REQUIRED TO SAT. DESIGN REQUIREMENT.
 2. LAMINATED GLASS: GLASS LAYER MINIMUM 3mm THICK UNLESS OTHERWISE NOTED.
 3. DIMENSIONS INDICATED ARE NOMINAL. ALL DIMENSIONS TO BE SITE VERIFIED.
 4. ALL FINISH TO BECOME QUINRY 15. FTO FINISH UNLESS OTHERWISE NOTED.

CURTAINWALL NOTES:
 1. FINISHES INDICATED IN ALUM SECTION AS NECESSARY TO MATCH SECTIONS AS SHOWN.
 REFER TO PROJECT MANUAL AND DRAWING SCHEDULE FOR GLAZED ALUM DOORS.
 2. SEE PROJECT MANUAL AND DRAWING SCHEDULE FOR GLAZED ALUM DOORS.
 3. DIMENSIONS INDICATED ARE NOMINAL. ALL DIMENSIONS TO BE SITE VERIFIED.
 4. ALL FINISH TO BECOME QUINRY 15. FTO FINISH UNLESS OTHERWISE NOTED.



4 LEVEL 2 FINISH PLAN
1:100

2 INTERIOR FINISH LEGEND

- FINISH NOTES**
*USE TILE BACKER BOARD TYP. FOR ALL WALL SURFACES DIRECTLY ADJACENT TO INSULATED COOLERS/FREEZERS
- INTERIOR FINISHES LEGEND**
- (PCFL) POLISHED CONCRETE FLOOR
 - (C-OSB) WOOD CEILING PANEL (OSB)
 - (CC1) CEMENT CLADDING - BOARD AND BATTEN TEXTURE
 - (CC2) DECORATIVE WALL PANELING
 - (TL01) FLOOR TILE 300mm X 300mm
 - (TL02) FLOOR TILE 25mm HEX
 - (TL10) WALL TILE 100mm X 400mm
 - (TL11) WALL TILE
 - (TL12) WALL TILE 3"x6"
 - (ACT1) ACOUSTIC CEILING TILE 2"x4"
 - (SFT-01) SAFETY FLOORING
 - (RFL) RESILIENT FLOOR
 - (RBI) BASE
 - (EPFC1) EPOXY FLOOR COATING
 - (EPFC2) EPOXY FLOOR COATING
 - (PT1) PAINT (WHITE)
 - (PT2) PAINT (CHARCOAL)
 - (PT3) PAINT (TBD)
 - (WP1) WALL PROTECTION PANEL

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.

REVISIONS AND ISSUES

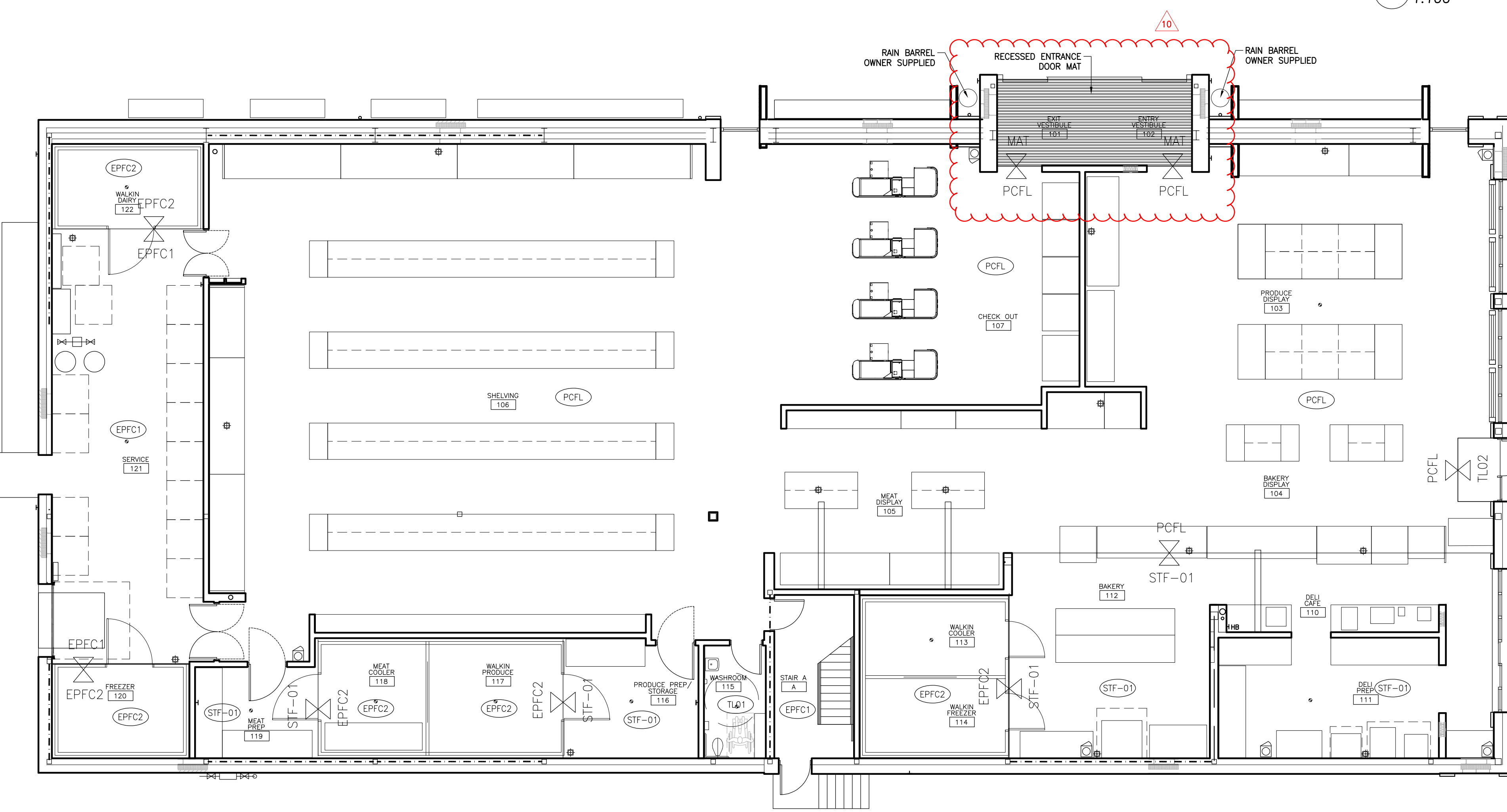
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|-----|----------------------------|--------|----|
| 1 | ISSUED FOR SPA | 210618 | AB |
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| 10 | TENDER ADDENDUM #5 | 210929 | AB |

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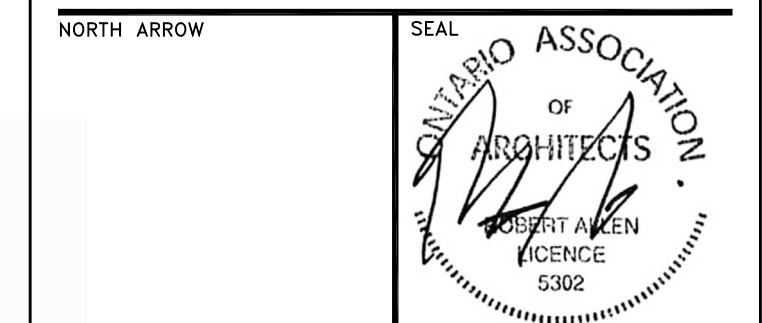
3 GROUND LEVEL FINISH PLAN
1:100

ROOM FINISH SCHEDULE

| ROOM NUMBER | ROOM NAME | FLOOR | BASE | CEILING | WALLS | | | | COMMENTS | |
|---------------------|----------------------|-------|-------|-----------|----------|----------|---------|---------|----------|----------------------------------|
| | | | | | NORTH | EAST | SOUTH | WEST | | |
| GROUND LEVEL | | | | | | | | | | |
| 101 | EXP. VESTIBULE | | MAT | TL11 | CC2 | TL11 | GL | TL11 | TL11 | |
| 102 | ENTRY VESTIBULE | | MAT | TL11 | CC2 | GL | TL11 | TL11 | TL11 | |
| 103 | PRODUCE DISPLAY | | PCFL | CC2/TL11 | EXP | TL11 | CC2 | CC2/PT1 | | |
| 104 | BAKERY DISPLAY | | PCFL | CC2 | EXP | | TL11 | CC2/PT1 | CC1/OSB | |
| 105 | MEAT DISPLAY | | PCFL | TL10/TL11 | EXP | | TL11 | | CC1/TL10 | |
| 106 | SHELVING | | PCFL | RBI | EXP | PT1 | PT1 | PT1 | PT1 | |
| 107 | CHECK OUT | | PCFL | CC2/TL11 | EXP | CC2/PT1 | CC2/PT1 | TL11 | TL11 | |
| 110 | DELI CAFE | | SFT01 | SFT01 | OSB/TL11 | TL11 | | CC2 | TL11 | |
| 111 | DELI PREP | | SFT01 | SFT01 | PT1 | TL10 | TL10 | TL10 | TL10 | |
| 112 | BAKERY | | SFT01 | SFT01 | OSB/TL11 | TL10 | | TL10 | TL10 | |
| 113 | WALKIN COOLER | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| 114 | WALKIN FREEZER | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| 115 | WASHROOM | | TL01 | TL10 | PT1 | TL10 | TL10 | TL10 | TL10 | |
| 116 | PRODUCE PREP/STORAGE | | WP1 | EXP | WP1 | WP1 | WP1 | WP1 | WP1 | |
| 117 | WALKIN PRODUCE | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| 118 | MEAT COOLER | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| 119 | MEAT PREP | | SFT01 | WP1 | EXP | WP1 | WP1 | WP1 | WP1 | |
| 120 | FREEZER | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| 121 | SERVICE | | WP1 | EXP | WP1 | WP1 | WP1 | WP1 | WP1 | |
| 122 | WALKIN DAIRY | | RBI | FRZ/EXP | PT1 | PT1 | PT1 | PT1 | PT1 | MUSE TILE BACKER BOARD FOR WALLS |
| A | STAIR A | | RBI | EXP | PT1 | PT1 | PT1 | PT1 | PT1 | |
| LEVEL 2 | | | | | | | | | | |
| 201 | CORRIDOR | | RFL1 | RBI | GWB | PT1 | PT1 | PT1 | PT1 | |
| 202 | STAFF LOUNGE | | RFL1 | RBI | GWB | PT1/TL12 | PT1 | PT1 | PT1 | |
| 203 | OPEN OFFICE | | RFL1 | RBI | ACT1 | PT1 | PT1 | PT1 | PT1 | |
| 204 | PRIVATE OFFICE | | RFL1 | RBI | ACT1 | PT1 | PT1 | PT1 | PT1 | |
| 205 | SHOWER/WC | | TL01 | TL10 | GWB/TL10 | TL10 | TL10 | TL10 | TL10 | TL10 FOR CEILING ABOVE SHOWER |
| 206 | WC | | TL01 | TL10 | GWB | TL10 | TL10 | TL10 | TL10 | |
| 207 | STORAGE | | RBI | EXP | PT1 | PT1 | PT1 | PT1 | PT1 | |
| 208 | ELECTRICAL ROOM | | RBI | EXP | PT1 | PT1 | PT1 | PT1 | PT1 | |

1 ROOF FINISH SCHEDULE

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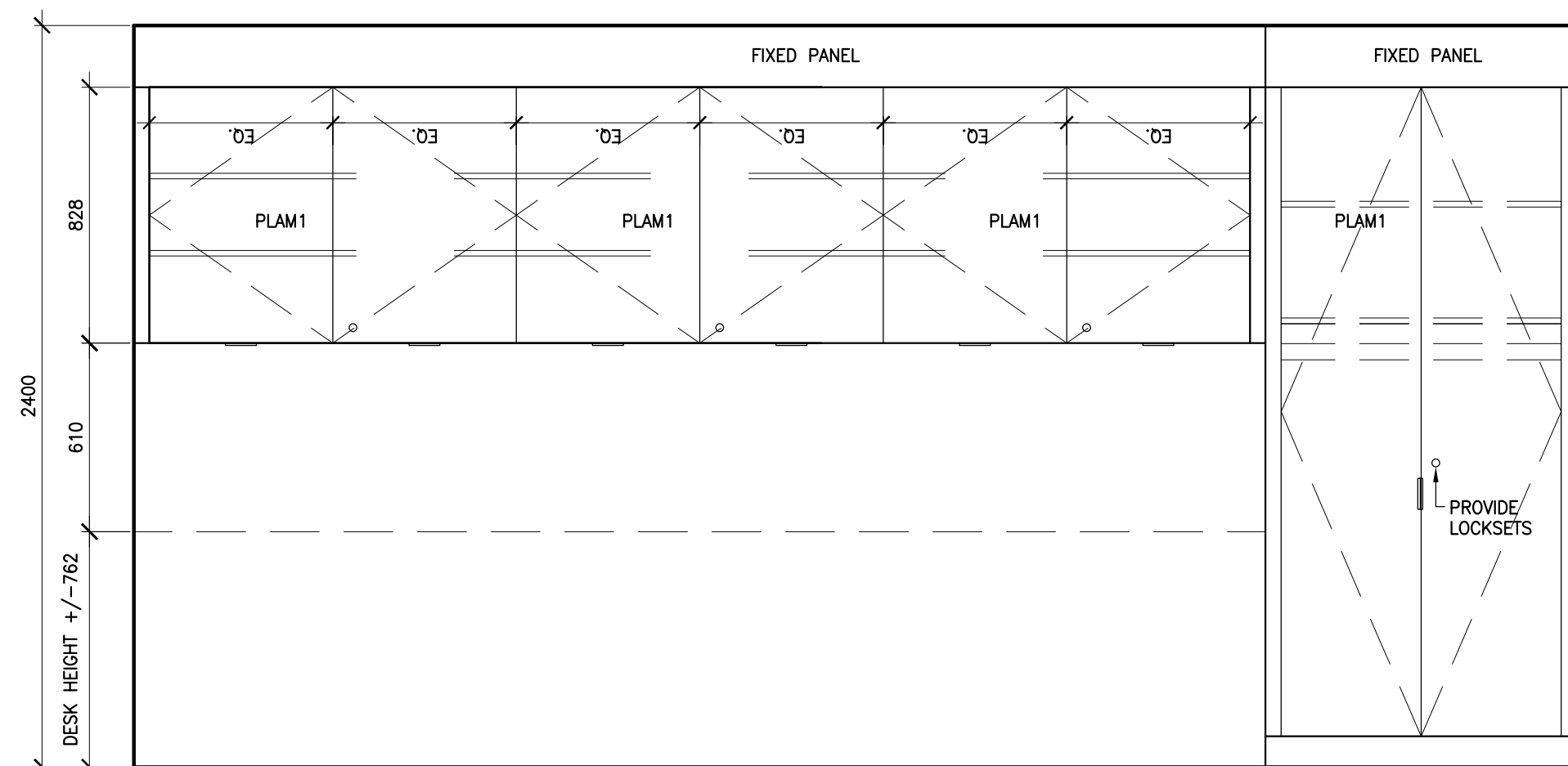
PROJECT TITLE
NEW SAYERS FOOD STORE
BURLEIGH STREET, APSLEY

DRAWING TITLE
FINISH FLOOR PLANS
AND SCHEDULE

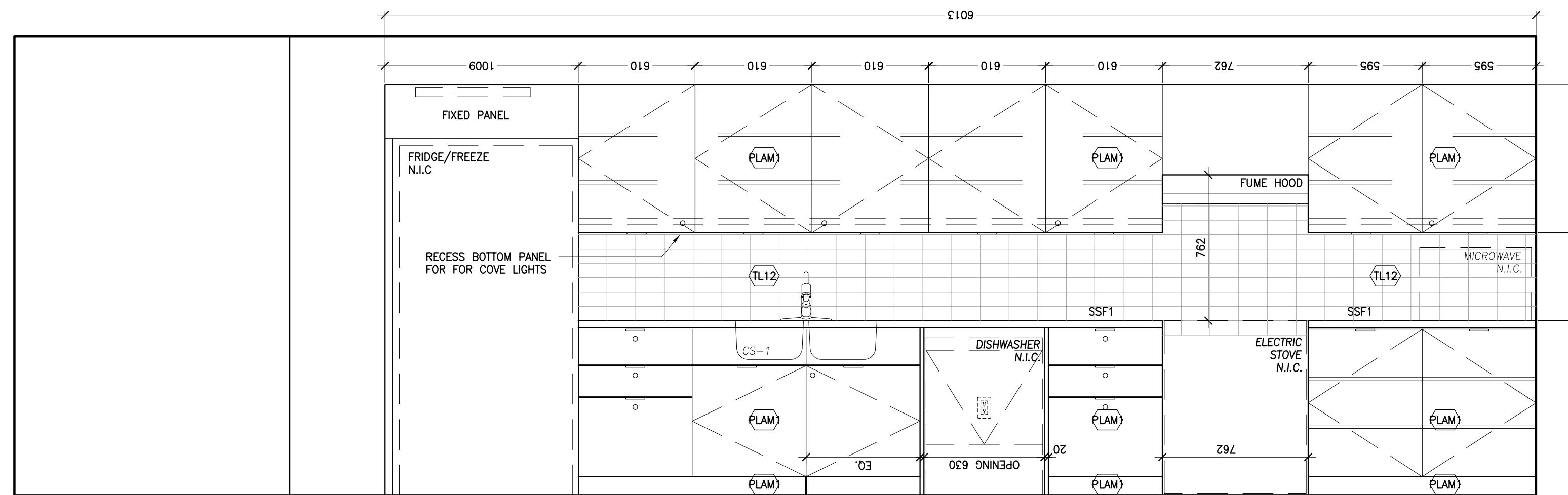
SCALE
1:100
DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
DRAWING NUMBER

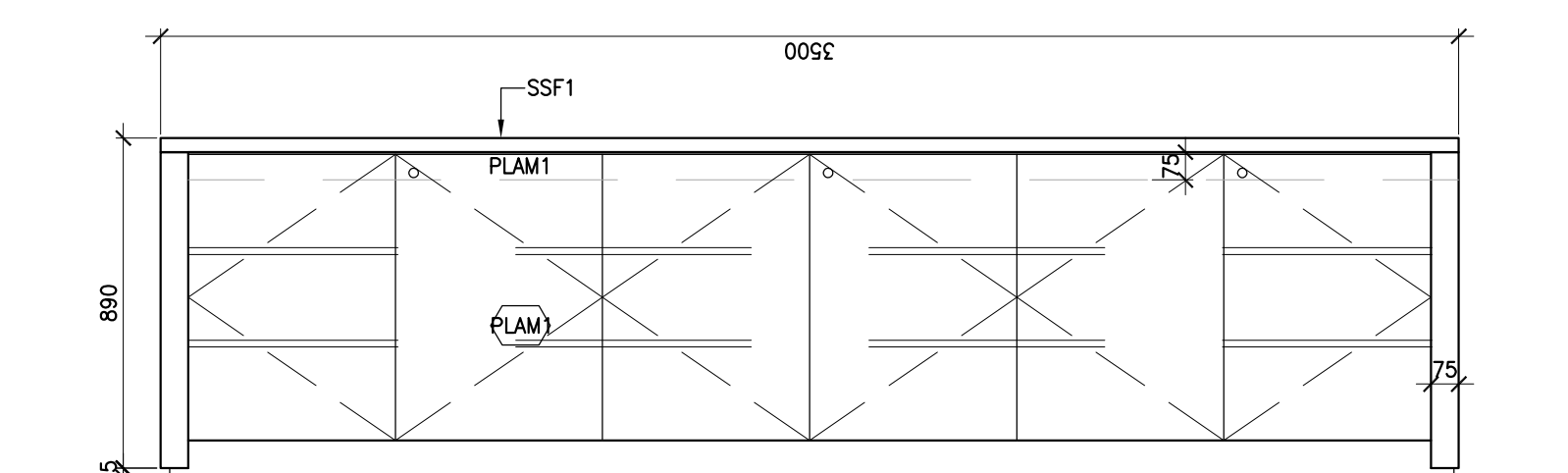
A800



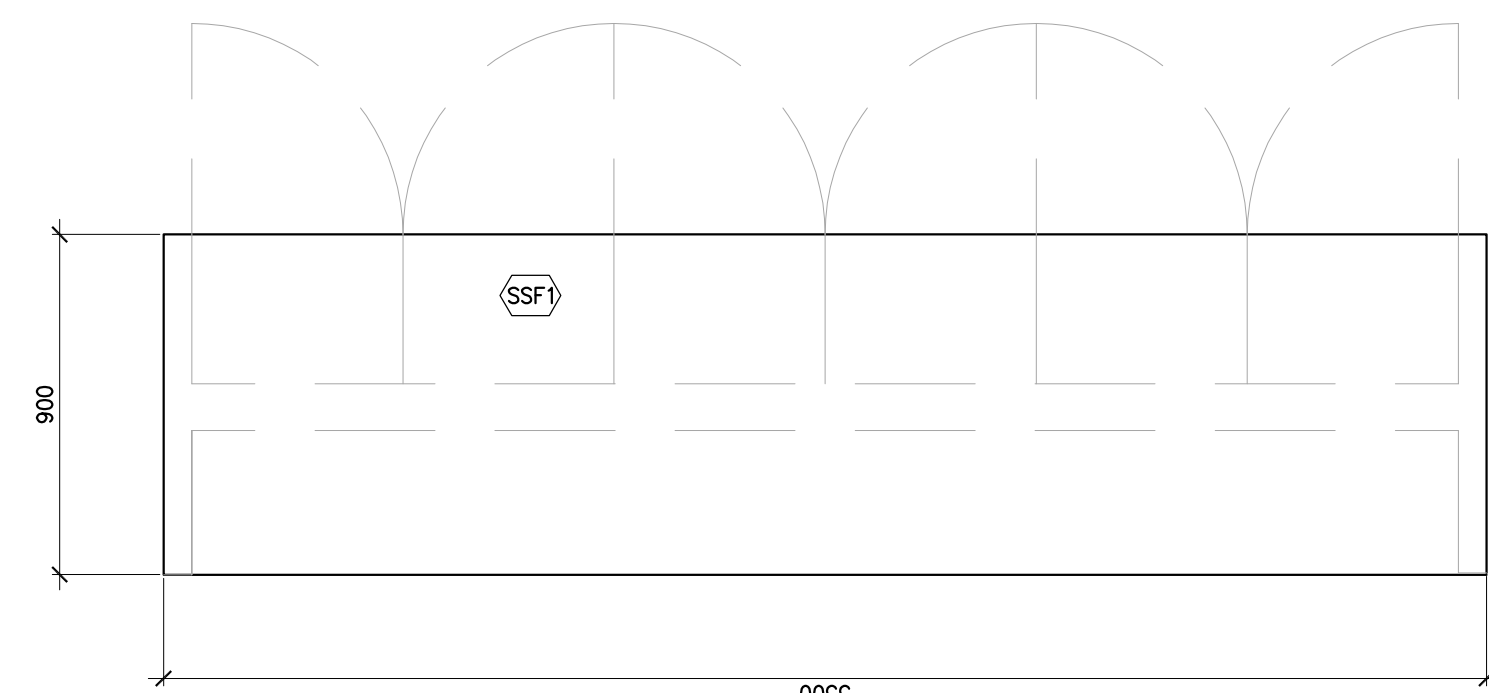
9 MW101 - STAFF CLOSET/UPPERS
1:20 - ELEVATION



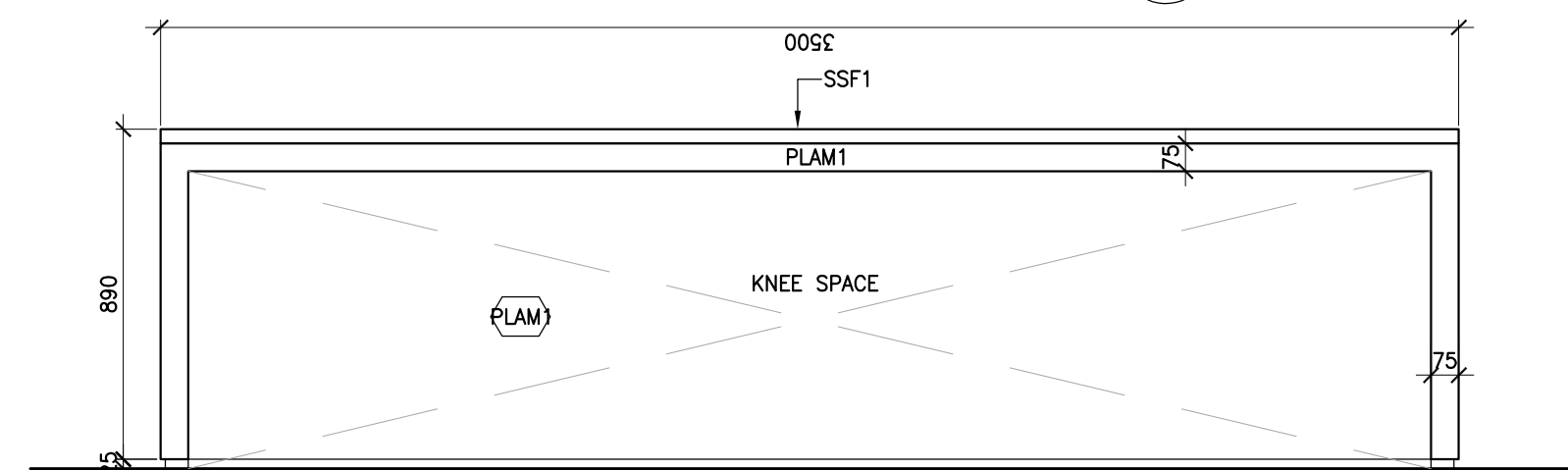
4 MW 102 - KITCHEN CABINETS
1:20 - ELEVATION



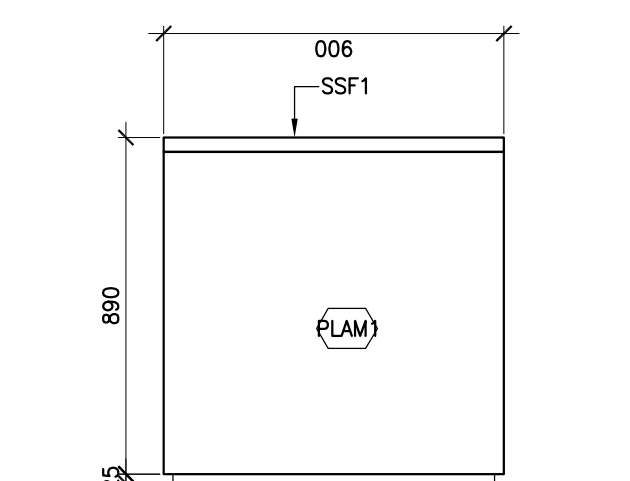
8 MW103 - KITCHEN ISLAND
1:20 - NORTH FACE



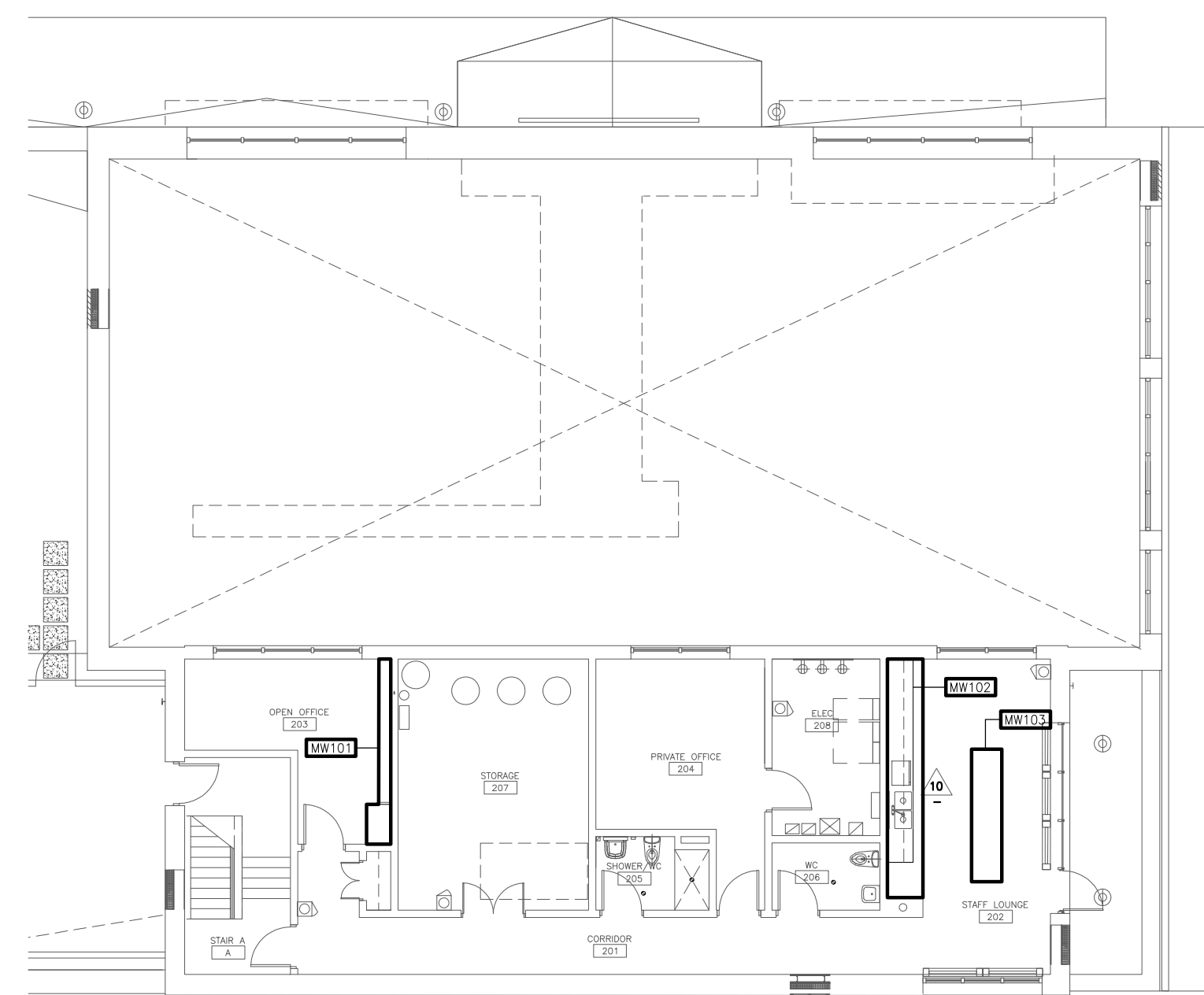
7 MW103 - KITCHEN ISLAND
1:20 - PLAN



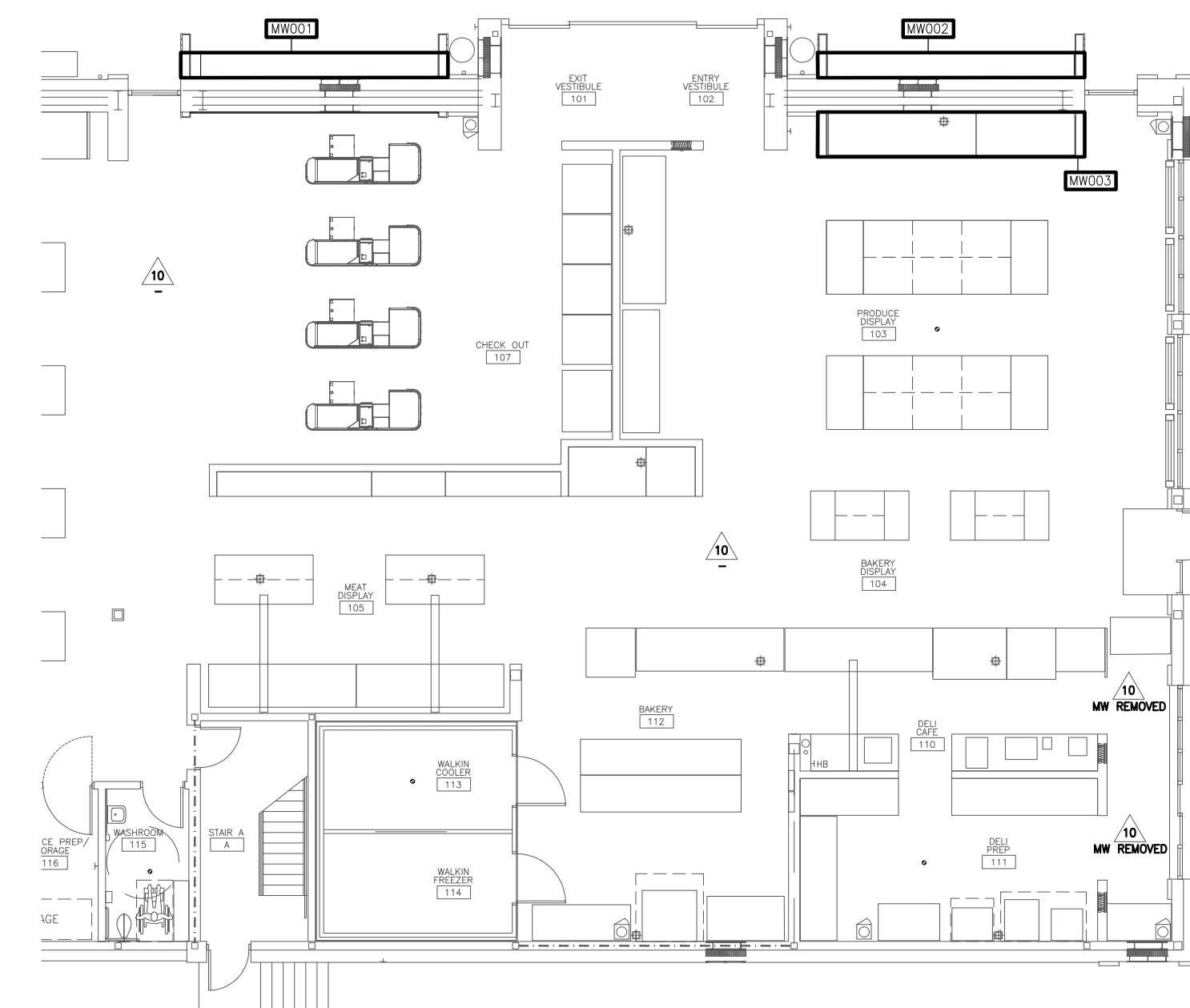
6 MW103 - KITCHEN ISLAND
1:20 - SOUTH FACE



5 MW103 - KITCHEN ISLAND
1:20 - SIDE



3 LEVEL 2 MW PLAN
1:150



2 GROUND LEVEL MW PLAN
1:150

| MILLWORK SCHEDULE | | | | | |
|-------------------|-------------|-----------------|--------------------------------------|-------|-----------|
| MARK | ROOM NUMBER | ROOM NAME | DESCRIPTION | COUNT | REFERENCE |
| MW001 | EXTERIOR | EXTERIOR | OUTDOOR GARDEN CENTRE | 1 | A901 |
| MW002 | EXTERIOR | EXTERIOR | OUTDOOR GARDEN CENTRE | 1 | A901 |
| MW003 | 103 | PRODUCE DISPLAY | PRODUCE DISPLAY SURROUND | 1 | A901 |
| MW101 | 203 | OPEN OFFICE | UPPER CABINETS & FULL HEIGHT STORAGE | 1 | A900 |
| MW102 | 202 | STAFF LOUNGE | UPPER AND LOWER KITCHEN CABINETS | 1 | A900 |
| MW103 | 202 | STAFF LOUNGE | KITCHEN ISLAND | 1 | A900 |

1 MILLWORK SCHEDULE

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| REVISIONS AND ISSUES | | | |
|----------------------|----------------------------|--------|----|
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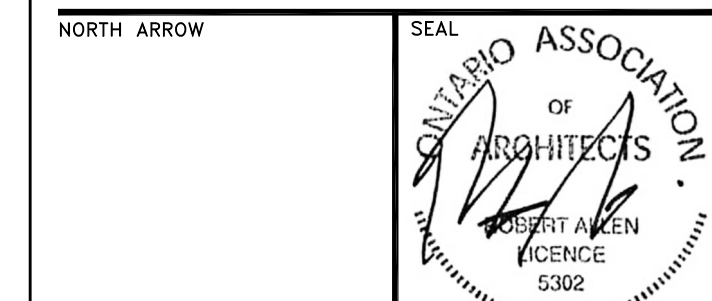
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e: sayers@apsley.ca



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

DRAWING TITLE
MILLWORK DRAWINGS

SCALE
AS NOTED
DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
DRAWING NUMBER

A900

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.
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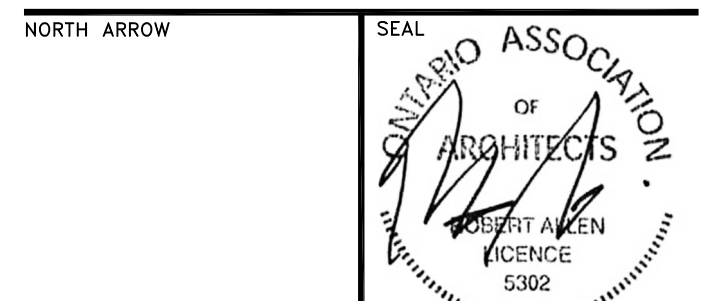
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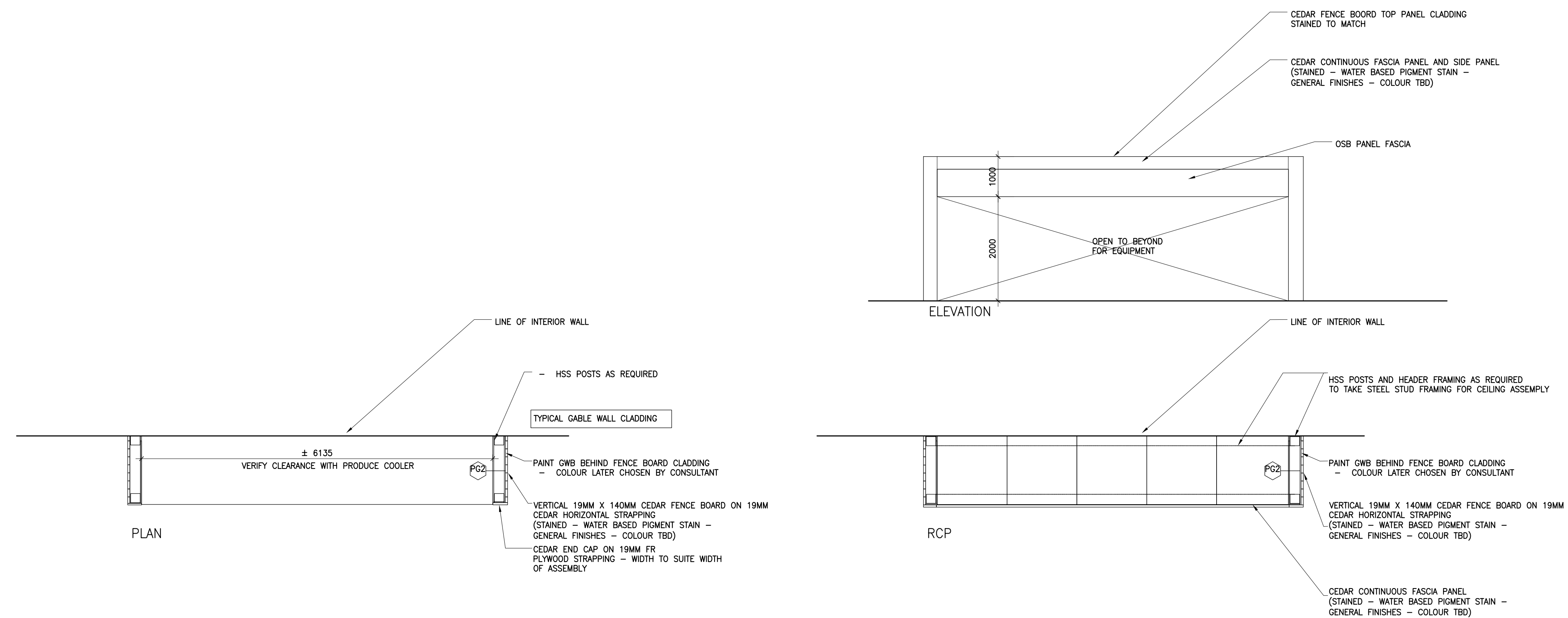


PROJECT TITLE
**NEW SAYERS FOOD STORE
BURLEIGH STREET, APSLEY**

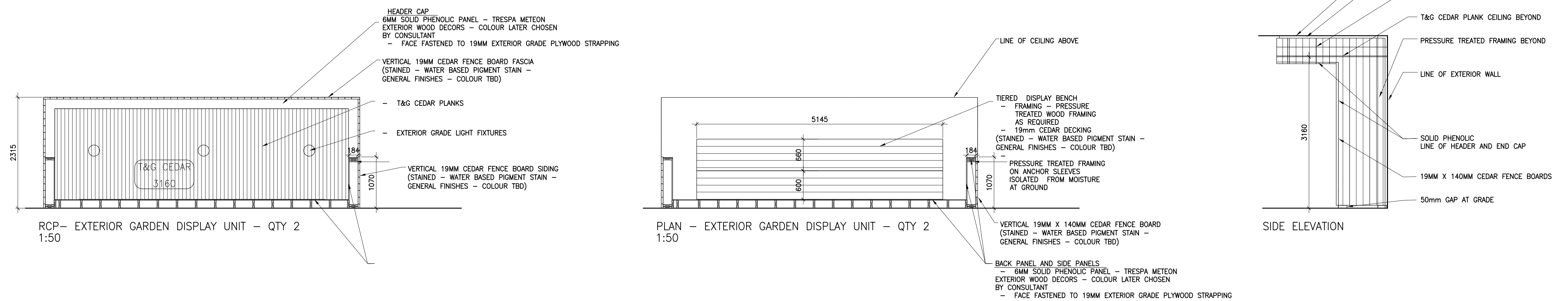
DRAWING TITLE
MILLWORK DRAWINGS
SCALE
AS NOTED
DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
DRAWING NUMBER

A901



2 MW 003 - PRODUCE COOLER KIOSK
1:50



1 MW 001, 002 - GARDEN KIOSKS
1:50



6 SOUTH STREETScape



3 DELI CAFE 2



5 SOUTH ENTRY



2 DELI CAFE 1



4 PRODUCE DISPLAY



1 PRODUCE DISPLAY

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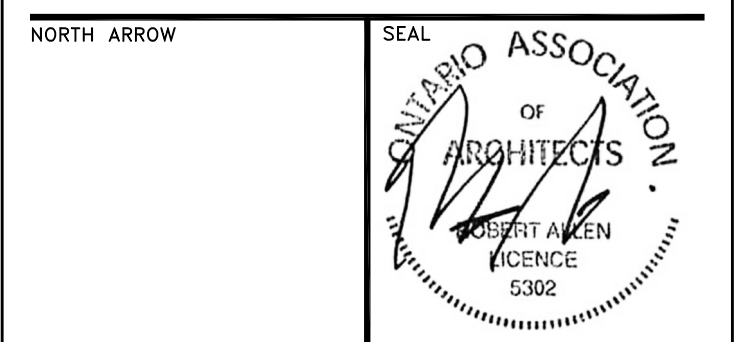
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PROJECT TITLE
**NEW SAYERS FOOD STORE
 BURLEIGH STREET, APSLEY**

DRAWING TITLE

RENDERINGS

SCALE
AS NOTED
 DATE
SEPTEMBER 29, 2021

PROJECT NUMBER
2102
 DRAWING NUMBER

A970

ADDENDUM No. S2

PROJECT: New Sayers Food Store
PROJECT NO: 210112
REPORTED TO: Andrew Bramm, MJMA
REVIEWED BY: Ian Mountfort
DATE: 28 September 2021

Please take note of the following information regarding our project.

ATTACHMENTS:

S-001, S-100, S-101, S-102, S-200, S-301, S-401, S-500, S-501, S-503

DRAWING REVISIONS:

S-001 General Notes:

1. Revise S001 as bubbled.

S-100 Foundation Plan:

1. Revise S100 as bubbled.

S-101 Second & Low Roof Framing Plan:

1. Revise S101 as bubbled.

S-102 High Roof Framing Plan:

1. Revise S102 as bubbled.

S-200 Column Schedule:

1. Revise S200 as bubbled.

S-301 Framing Elevations:

1. Revise S301 as bubbled.

S-401 Building Sections:

2. Revise S401 as bubbled.

S-500 Detailed Sections:

1. Revise S500 as bubbled.

S-501 Detailed Sections

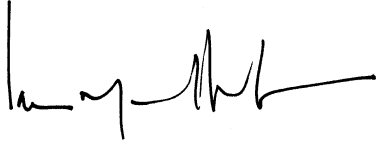
1. Revise S501 as bubbled.

S-503 Detailed Sections:

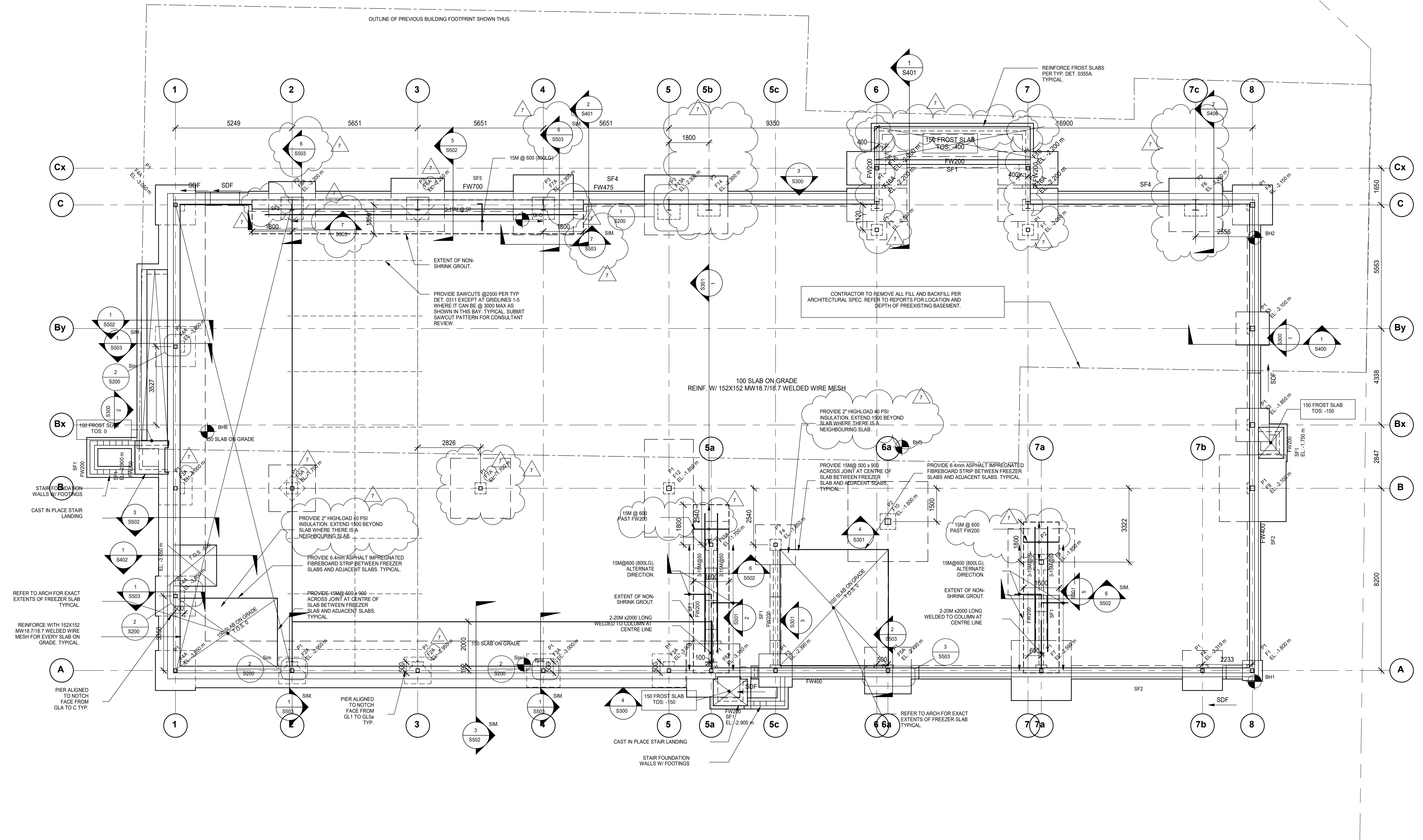
1. Revise S503 as bubbled.

SPECIFICATION REVISIONS:

None

A handwritten signature in black ink, appearing to be 'L. M. Blackwell', written over a horizontal line.

Blackwell



- 1 01 - FOUNDATION PLAN
S100 1:100
- NOTES:
- TOP OF SLAB DATUM ELEVATION IS AT GEODETIC ELEVATION 305.82m.
 - WHERE CROSSED AND NOTED THE LOCAL DATUM FOR RAISED OR LOWERED AREAS ARE GIVEN RELATIVE TO THE LOWER FLOOR DATUM.
 - EXCEPT AS CROSSED AND NOTED TOP OF FINISHED FLOOR IS 0 mm BELOW THE LOWER FLOOR DATUM.
 - WHERE CROSSED AND NOTED SLAB DEPRESSING OR LOCALLY RAISED AREAS ARE GIVEN RELATIVE TO THE LOWER FLOOR DATUM.
 - REFER TO THE GENERAL NOTES FOR DESIGN ULS AND SLS BEARING CAPACITIES.
 - BEARING ELEVATIONS (UNDERSIDE OF FOOTINGS) ARE NOTED ON PLAN. THESE ARE APPROXIMATE AND MUST BE VERIFIED IN THE FIELD BY THE GEOTECHNICAL CONSULTANT.
 - FOUND FOOTINGS AT A MINIMUM OF 150mm BELOW FINISHED GRADE WHERE EXPOSED TO FROST.
 - CENTRE ALL FOOTINGS AND CARS ON THE GRID LINES UNLESS NOTED OTHERWISE.
 - BORERHOLE LOCATIONS SHOWN ON PLAN ARE APPROXIMATE. ELEVATIONS OF EXISTING GRADE AND OF NATIVE SOIL ARE INDICATED AT EACH BORERHOLE.
 - THE SITE CONTAINS BURIED TOPSOIL AND/OR FILL MATERIAL UNSUITABLE TO SUPPORT THE PROPOSED STRUCTURE. THE ELEVATIONS OF NATIVE SOIL AT BORERHOLES INDICATE COMPETENT SOIL UPON WHICH FOOTINGS MAY BE FOUND OR UPON WHICH ENGINEERED FILL MAY BE PLACED TO RAISE THE SUB-GRADE TO A SUITABLE FOUNDING ELEVATION. REFER TO THE GEOTECHNICAL REPORT FOR DETAILED SOIL INFORMATION.
 - PROVIDE CONTROL JOINTS IN ALL FOUNDATION WALLS AS PER DETAIL 0315. COORDINATE CONTROL JOINT LOCATIONS WITH ARCHITECTURAL.

| FOUNDATION SCHEDULE | | | | | |
|---------------------|-----------------|-------|-------|-------------------------|---------|
| MARK | DIMENSIONS (mm) | | | REINFORCEMENT | REMARKS |
| | LENGTH | WIDTH | DEPTH | | |
| F1 | 900 | 900 | 300 | 3-15M BEW | |
| F2A | 1200 | 1200 | 300 | 4-15M BEW, 4-15M TEW | |
| F3 | 1500 | 1500 | 350 | 6-15M BEW | |
| F3A | 1500 | 1500 | 350 | 6-15M BEW, 6-15M TEW | |
| F4 | 1800 | 1800 | 400 | 6-20M BEW | |
| F4A | 1800 | 1800 | 400 | 6-20M BEW, 6-15M TEW | |
| F5A | 2100 | 2100 | 450 | 9-20M BEW, 9-15M TEW | |
| F6 | 2400 | 2400 | 500 | 12-20M BEW | |
| F6A | 2400 | 2400 | 500 | 12-20M BEW, 12-15M TEW | |
| F7 | 2700 | 2700 | 550 | 10-25M BEW | |
| F7A | 2700 | 2700 | 550 | 10-25M BEW, 10-15M TEW | |
| F8 | 3000 | 3000 | 600 | 12-25M BEW | |
| F10 | 3600 | 3600 | 600 | 16-25M BEW | |
| F12 | 4400 | 2200 | 700 | 14-25M BEW | |
| F13A | 2700 | 2200 | 550 | 8-25M BEW, 8-15M TEW | |
| F14 | 2600 | 1700 | 550 | 12-20M BEW | |
| F15A | 2100 | 1600 | 550 | 8-20M BEW, 8-15M TEW | |
| F16 | 1500 | 2700 | 450 | 9-20M BEW | |
| F16A | 1500 | 2700 | 450 | 9-20M BEW, 9-15M TEW | |
| SF1 | 500 | 250 | | SEE TYPICAL DETAIL 0306 | |
| SF2 | 600 | 250 | | SEE TYPICAL DETAIL 0306 | |
| SF4 | 675 | 250 | | SEE TYPICAL DETAIL 0306 | |
| SF5 | 15202 | 900 | 250 | SEE TYPICAL DETAIL 0306 | |

| CONCRETE PIER SCHEDULE | | | | | |
|------------------------|-----------|-------|---------------|---------------|---------|
| MARK | DIMENSION | | REINFORCEMENT | REINFORCEMENT | REMARKS |
| | DEPTH | WIDTH | - VERTICAL | - TIE | |
| P1 | 500 | 500 | 8-20M | 15M@300 | |
| P2 | 700 | 700 | 8-25M | 15M@300 | |
| P3 | 1000 | 1000 | 8-25M | 15M@300 | |

| FOUNDATION WALL SCHEDULE | | | | |
|--------------------------|----------------|-----------------------|-----------------------|------------------------------------|
| MARK | THICKNESS (mm) | REINFORC. | | REMARKS |
| | | HORIZ. REINF. | VERT. REINF. | |
| FW200 | 200 | 15M@400 | 15M@400 | REBAR AT CENTRE |
| FW400 | 400 | 15M@500 HEF | 15M@500 HEF | 15M@500 HIF, 15M@500 VIF FOR NOTCH |
| FW475 | 475 | 15M@400 HEF | 15M@600 VER | 15M@400 HIF, 15M@400 VIF FOR NOTCH |
| FW700 | 700 | 3 LAYERS- 15M @ 200 H | 3 LAYERS- 15M @ 200 V | SEE S/S502 |

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Do not scale this drawing.

ISSUE:
ADDENDUM S2

| MARK | DATE | DESCRIPTION |
|------|------------|----------------------------|
| 7 | 2021/09/28 | ADDENDUM S2 |
| 6 | 2021/09/14 | ADDENDUM S1 |
| 5 | 2021/09/09 | ISSUED FOR BUILDING PERMIT |
| 4 | 2021/08/30 | ISSUED FOR TENDER |
| 3 | 2021/08/25 | ISSUED FOR TENDER REVIEW |
| 2 | 2021/08/11 | ISSUED FOR COORDINATION |
| 1 | 2021/07/16 | Issued for Class B Costing |

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TORONTO, ONTARIO M2N 6K6
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PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

PROJECT ADDRESS:
132 Burleigh Street

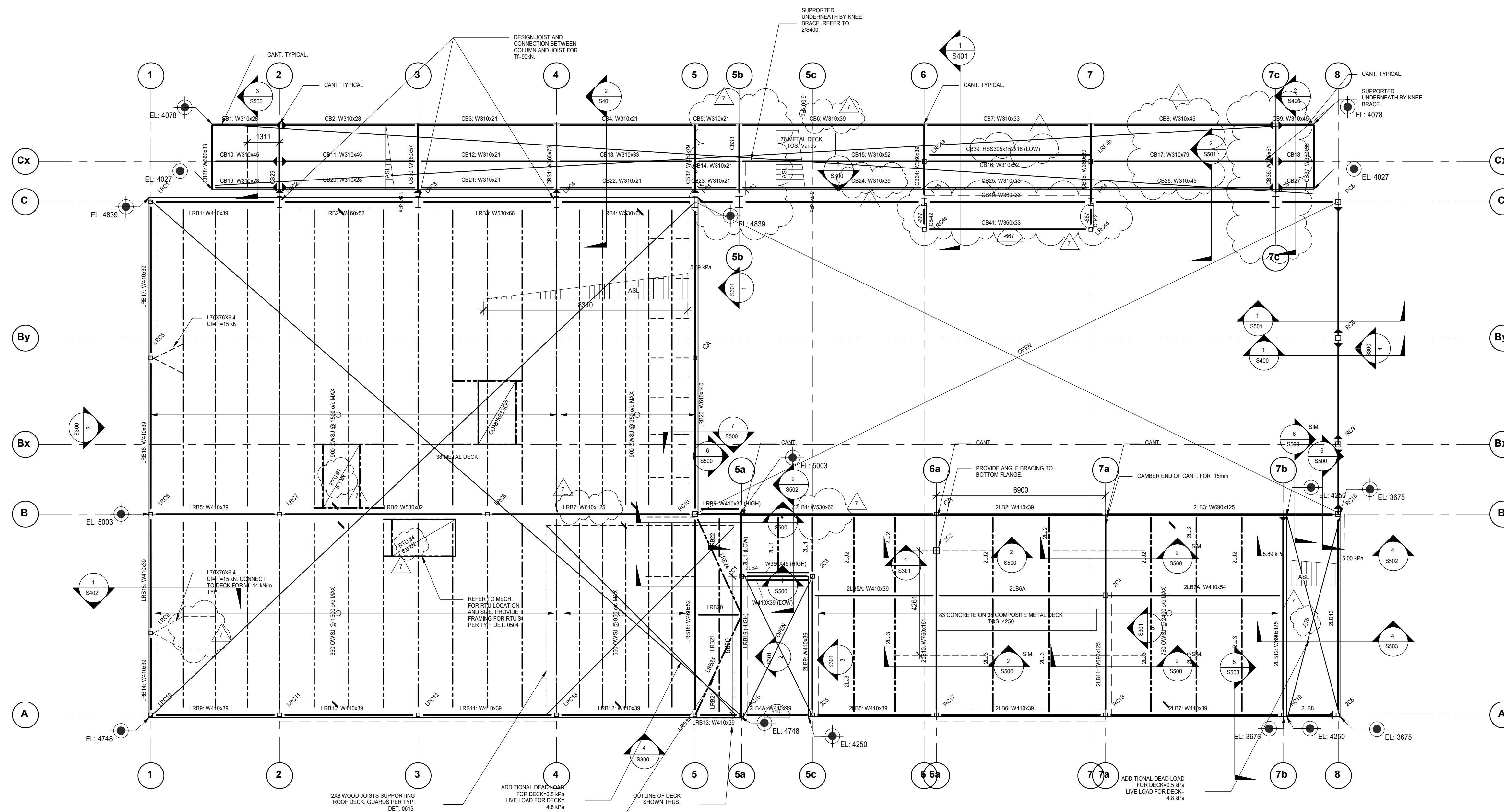
SEAL:

DRAWN: DM
CHECKED: IFM

SCALE: As indicated
PROJECT NUMBER: 210112

SHEET TITLE:
FOUNDATION PLAN

S100



- 1 02 - SECOND AND LOW ROOF FRAMING PLAN
S101 1: 100
- NOTES:
- SECOND FLOOR DATUM IS AT GEODETIC ELEVATION 310.07m EXCEPT AS CROSSED AND NOTED.
 - WHERE CROSSED AND NOTED THE LOCAL DATUM FOR RAISED OR LOWERED AREAS IS GIVEN RELATIVE TO THE GROUND FLOOR DATUM.
 - EXCEPT AS CROSSED AND NOTED TOP OF FINISHED FLOOR IS 0 mm BELOW THE FLOOR DATUM.
 - ROOF DATUM IS FROM THE GROUND FLOOR DATUM AS NOTED IN SPOT ELEVATIONS.
 - THE ROOF DATUM REPRESENTS THE UNDERSIDE OF METAL DECK AT CORNERS. THE ROOF SLOPES REFER TO ARCHITECTURAL DRAWINGS FOR THE SLOPES.
 - TOP OF STEEL JOISTS AND STEEL BEAMS SUPPORTING THE SLAB ON METAL DECK AT LEVEL 2 ARE 121 mm BELOW THE FINISHED FLOOR UNLESS OTHERWISE NOTED.
 - TOP OF STEEL BEAMS SUPPORTING JOISTS ARE 102 mm BELOW THE UNDERSIDE OF ROOF METAL DECK.
 - WHERE NOTED, TOP OF BEAM IS GIVEN RELATIVE TO THE FINISHED FLOOR.
 - SUPERIMPOSED LOADS USED IN THE DESIGN:
LIVE LOAD ON 2ND FLR: 2.4 kPa
DEAD LOADS ON 2ND FLR:
PARTITIONS: 1.0 kPa
FLOOR FINISH: 0.2 kPa
SUSPENDED: 0.25 kPa
TOTAL: 1.45 kPa
SNOW + RAIN LOAD:
DEAD LOADS ON ROOF AREAS: 0.60 kPa
ROOFING & INSULATION: 0.25 kPa
TOTAL: 0.85 kPa
 - ASSUMED SELF WEIGHT OF STRUCTURE USED IN THE DESIGN:
76 METAL DECK: 1.26 kPa
38 METAL DECK: 0.15 kPa
83 CONC ON METAL DECK: 2.45 kPa
STEEL FRAMING: 0.35 kPa

- STEEL BEAM SCHEDULE - NOTES
- LEFT AND RIGHT ENDS OF BEAMS ARE DEFINED BY THE ORIENTATION OF THE BEAM MARK ON PLAN.
 - REACTIONS GIVEN ARE FACTORED FORCES. REACTIONS WITHIN BRACKETS DENOTE FACTORED UPLIFT FORCES.
 - DESIGN CONNECTIONS FOR AXIAL COMPRESSION (C), AXIAL TENSION (T), STRONG-AXIS MOMENT (M), TORSIONAL MOMENT (Tm) OR OUT OF PLANE HORIZONTAL FORCE (H) SHOWN IN THE REMARKS COLUMN. IN ADDITION TO THE VERTICAL SHEAR PROVIDED IN THE REACTION COLUMN, THE (L) OR (R) SHOWN NEXT TO THE FORCE INDICATE THE LEFT OR RIGHT END, RESPECTIVELY.
 - CAMBERS ARE IN mm. WHERE NO CAMBER IS INDICATED, REFER TO THE SPECIFICATION AND CSA S16.

| STEEL BEAM SCHEDULE - LOW ROOF BEAM | | | | |
|-------------------------------------|----------------|-----------|-----------|----------------------------------|
| MARK | SIZE | REACTIONS | | REMARKS |
| | | LEFT END | RIGHT END | |
| LRB1 | W410x39 | 145 kN | 145 kN | Cf=30 kN Tf=30 kN |
| LRB2 | W460x52 | 160 kN | 160 kN | Cf=60 kN Tf=60 kN |
| LRB3 | W530x66 | 320 kN | 320 kN | Cf=120 kN Tf=120 kN |
| LRB4 | W530x66 | 320 kN | 320 kN | Cf=160 kN Tf=160 kN |
| LRB5 | W410x39 | 170 kN | 170 kN | Cf=35 kN Tf=35 kN |
| LRB6 | W250x82 | 300 kN | 300 kN | Cf=65 kN Tf=65 kN |
| LRB7 | W610x125 | 435 kN | 545 kN | Cf=95 kN Tf=95 kN |
| LRB8 | W410x39 | 25 kN | 25 kN | Tm(L)=10 kN-m Tf=15 kN |
| LRB9 | W410x39 | 75 kN | 75 kN | Cf=30 kN Tf=30 kN |
| LRB10 | W410x39 | 80 kN | 80 kN | Cf=55 kN Tf=55 kN |
| LRB11 | W410x39 | 80 kN | 80 kN | Cf=50 kN Tf=50 kN |
| LRB12 | W410x39 | 115 kN | 115 kN | Cf=120 kN Tf=120 kN |
| LRB13 | W410x39 | 10 kN | 10 kN | Cf=85 kN Tf=85 kN |
| LRB14 | W410x39 | 30 kN | 30 kN | Cf=45 kN Tf=45 kN |
| LRB15 | W410x39 | 30 kN | 30 kN | Cf=30 kN Tf=30 kN |
| LRB16 | W410x39 | 30 kN | 30 kN | Cf=30 kN Tf=30 kN |
| LRB17 | W410x39 | 30 kN | 30 kN | Cf=55 kN Tf=55 kN |
| LRB18 | W460x52 | 100 kN | 100 kN | Cf=165 kN Tf=165 kN |
| LRB19 | W610x125 | (55 kN) | 250 kN | M(L)=10 kN-m Cf=285 kN Tf=285 kN |
| LRB20 | W250x82 | 20 kN | 20 kN | Cf=10 kN Tf=10 kN |
| LRB21 | W200x19 | 20 kN | 20 kN | |
| LRB22 | W200x19 | 20 kN | 20 kN | |
| LRB23 | W610x140 | 155 kN | 155 kN | Cf=165 kN Tf=165 kN |
| LRB24 | HSS305x152x6.4 | 25 kN | 25 kN | Cf=170 kN Tf=170 kN |

| STEEL BEAM SCHEDULE - SECOND FLOOR BEAM | | | | |
|---|----------------|-----------|-----------|--|
| MARK | SIZE | REACTIONS | | REMARKS |
| | | LEFT END | RIGHT END | |
| 2LB1 | W530x66 | 100 kN | 110 kN | Cf=95 kN Tf=95 kN |
| 2LB2 | W410x39 | 75 kN | 75 kN | Cf=95 kN Tf=95 kN |
| 2LB3 | W690x125 | 135 kN | 205 kN | H(R)=10 kN Tm(L)=10 kN-m Cf=95 kN Tf=95 kN |
| 2LB4 | W410x39 | 70 kN | 70 kN | |
| 2LB4A | W410x39 | 55 kN | 55 kN | Cf=85 kN Tf=85 kN |
| 2LB5 | W410x39 | 60 kN | 60 kN | Cf=115 kN Tf=115 kN |
| 2LB5A | W410x39 | 95 kN | 95 kN | |
| 2LB6 | W410x39 | 80 kN | 80 kN | Cf=155 kN Tf=155 kN |
| 2LB6A | W410x46 | 130 kN | 130 kN | |
| 2LB7 | W410x39 | 85 kN | 85 kN | Cf=85 kN Tf=85 kN |
| 2LB7A | W410x54 | 140 kN | 140 kN | |
| 2LB8 | HSS203x152x6.4 | 85 kN | 85 kN | H(L)=15 kN H(R)=15 kN M(L)=25 kN-m Tm(L)=15 kN-m Tf=15 kN Tf=15 kN |
| 2LB9 | W410x39 | 40 kN | 110 kN | Cf=40 kN Tf=40 kN |
| 2LB10 | W760x161 | (-165 kN) | 1490 kN | |
| 2LB11 | W690x125 | (-125 kN) | 400 kN | |
| 2LB12 | W690x125 | 145 kN | 170 kN | M(R)=10 kN-m Cf=75 kN Tf=75 kN |
| 2LB13 | HSS305x203x13 | 90 kN | 90 kN | H(L)=25 kN H(R)=25 kN Tm(L)=25 kN-m Tf=25 kN Tf=25 kN |
| 2LJ1 | W200x15 | 20 kN | 20 kN | |
| 2LJ2 | W250x18 | 35 kN | 35 kN | |
| 2LJ3 | W310x21 | 55 kN | 55 kN | |

| STEEL BEAM SCHEDULE - CANOPY BEAM | | | | |
|-----------------------------------|---------------|-----------|-----------|-------------------------------------|
| MARK | SIZE | REACTIONS | | REMARKS |
| | | LEFT END | RIGHT END | |
| CB1 | W310x28 | | 25 kN | M(L)=30 kN-m |
| CB2 | W310x28 | 25 kN | 20 kN | M(L)=30 kN-m |
| CB3 | W310x21 | 20 kN | 20 kN | |
| CB4 | W310x21 | 40 kN | 40 kN | |
| CB5 | W310x21 | 20 kN | 20 kN | |
| CB6 | W310x39 | 55 kN | 55 kN | |
| CB7 | W310x39 | 50 kN | 50 kN | |
| CB8 | W310x45 | 60 kN | 60 kN | M(L)=30 kN-m |
| CB9 | W310x45 | 30 kN | | M(L)=30 kN-m |
| CB10 | W310x45 | | 45 kN | M(R)=60 kN-m |
| CB11 | W310x45 | 50 kN | 35 kN | M(L)=60 kN-m |
| CB12 | W310x21 | 40 kN | 40 kN | |
| CB13 | W310x33 | 80 kN | 80 kN | |
| CB14 | W310x21 | 35 kN | 35 kN | |
| CB15 | W310x62 | 100 kN | 100 kN | |
| CB16 | W310x52 | 100 kN | 100 kN | |
| CB17 | W310x79 | 100 kN | 100 kN | M(L)=40 kN-m |
| CB18 | W310x79 | 40 kN | | M(L)=40 kN-m |
| CB19 | W310x28 | 30 kN | 25 kN | M(R)=30 kN-m |
| CB20 | W310x28 | 30 kN | 20 kN | M(L)=30 kN-m |
| CB21 | W310x21 | 25 kN | 25 kN | |
| CB22 | W310x21 | 40 kN | 40 kN | |
| CB23 | W310x21 | 20 kN | 20 kN | |
| CB24 | W310x39 | 55 kN | 55 kN | |
| CB25 | W310x33 | 80 kN | 80 kN | |
| CB26 | W310x45 | 80 kN | 60 kN | M(L)=30 kN-m |
| CB27 | W310x45 | 30 kN | | M(L)=30 kN-m |
| CB28 | W360x33 | 15 kN | 15 kN | Rf=75 kN |
| CB29 | W360x64 | 165 kN | | H(L)=10 kN H(R)=10 kN M(L)=270 kN-m |
| CB30 | W360x57 | 170 kN | | H(L)=10 kN H(R)=10 kN M(L)=275 kN-m |
| CB31 | W360x79 | 235 kN | | H(L)=10 kN H(R)=10 kN M(L)=390 kN-m |
| CB32 | W360x79 | 230 kN | | H(L)=10 kN H(R)=10 kN M(L)=390 kN-m |
| CB33 | W360x51 | (48 kN) | 285 kN | H(L)=10 kN H(R)=10 kN Tf=375 kN |
| CB34 | W360x39 | (75 kN) | 430 kN | H(L)=10 kN H(R)=10 kN |
| CB35 | W360x39 | (75 kN) | 430 kN | H(L)=10 kN H(R)=10 kN |
| CB36 | W360x51 | (55 kN) | 350 kN | H(L)=10 kN H(R)=10 kN Tf=548 kN |
| CB37 | W360x35 | 15 kN | 15 kN | Rf=75 kN |
| CB39 | HSS305x152x16 | 25 kN | 25 kN | H(L)=10 kN H(R)=10 kN |
| CB40 | W360x33 | 40 kN | 40 kN | |
| CB41 | W360x33 | 20 kN | 20 kN | |
| CB42 | W200x15 | 15 kN | 15 kN | Tf=10 kN |

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.

ISSUE:
ADDENDUM S2

| MARK | DATE | DESCRIPTION |
|------|------------|----------------------------|
| 7 | 2021/09/28 | ADDENDUM S2 |
| 6 | 2021/09/14 | ADDENDUM S1 |
| 5 | 2021/09/09 | ISSUED FOR BUILDING PERMIT |
| 4 | 2021/08/30 | ISSUED FOR TENDER |
| 3 | 2021/08/25 | ISSUED FOR TENDER REVIEW |
| 2 | 2021/08/11 | ISSUED FOR COORDINATION |
| 1 | 2021/07/16 | Issued for Class B Costing |

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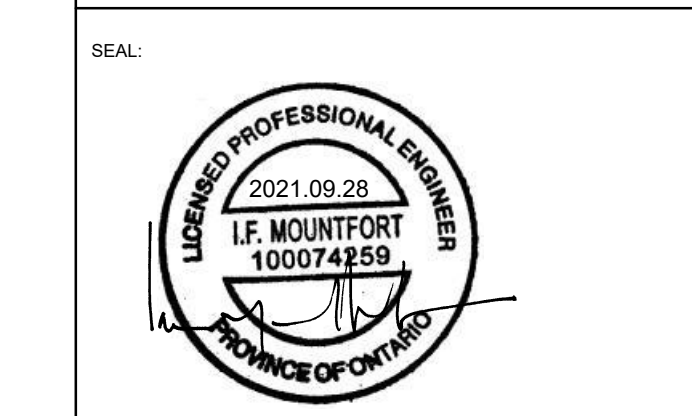
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TEL 416 487 8151

PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

PROJECT ADDRESS:
132 Burleigh Street



DRAWN: DM
SCALE: As indicated

CHECKED: IFM
PROJECT NUMBER: 210112

SHEET TITLE:
SECOND & LOW ROOF FRAMING PLAN

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.

ISSUE:
ADDENDUM S2

| MARK | DATE | DESCRIPTION |
|------|------------|----------------------------|
| 7 | 2021/09/28 | ADDENDUM S2 |
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PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

PROJECT ADDRESS:
132 Burleigh Street

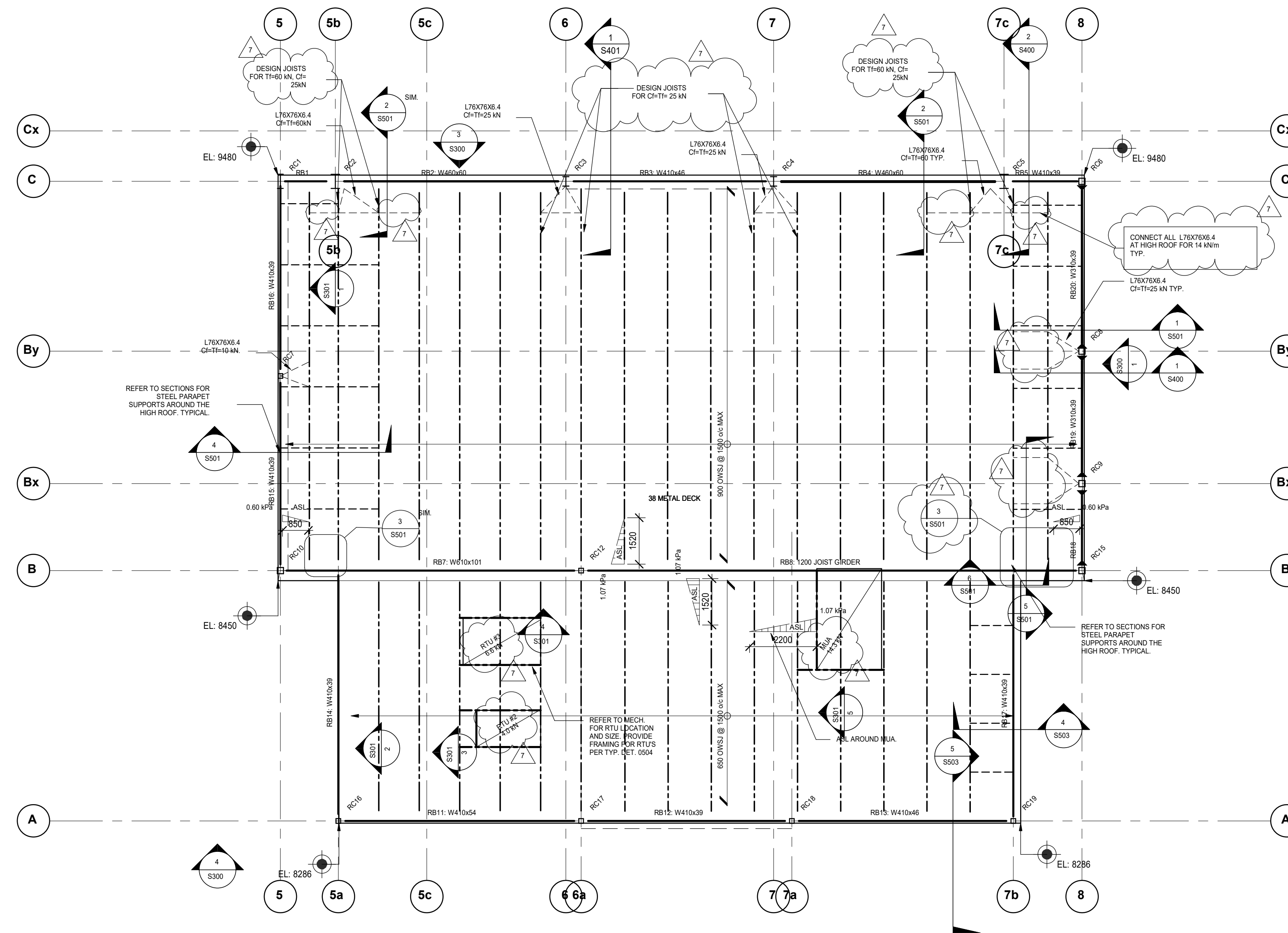
SEAL:



DRAWN: DM
SCALE: As indicated
CHECKED: IFM
PROJECT NUMBER: 210112

SHEET TITLE:
HIGH ROOF FRAMING PLAN

S102



1 03 - HIGH ROOF FRAMING PLAN

S102 1:100

NOTES:

- ROOF DATUM IS FROM THE GROUND FLOOR DATUM AS NOTED IN SPOT ELEVATIONS.
- THE ROOF DATUM REPRESENTS THE UNDERSIDE OF METAL DECK AT CORNERS. THE ROOF SLOPES REFER TO ARCHITECTURAL DRAWINGS FOR THE SLOPES.
- TOP OF STEEL BEAMS ARE 102 mm BELOW THE UNDERSIDE OF ROOF DECK UNLESS NOTED THUS. WHERE NOTED, THE DIMENSION IS RELATIVE TO THE ROOF DATUM.
- SUPERIMPOSED LOADS USED IN THE DESIGN:
SNOW + RAIN LOAD: 2.88 kPa PLUS SNOW ACCUMULATION (SHOWN ON PLAN)
DEAD:
ROOFING: 0.60 kPa
SUSPENDED: 0.25 kPa
- SELF WEIGHT OF STRUCTURE USED IN THE DESIGN:
METAL DECK: 0.15 kPa
FRAMING: 0.35 kPa

STEEL BEAM SCHEDULE - HIGH ROOF

| MARK | SIZE | REACTIONS | | REMARKS |
|------|-------------------|-----------|-----------|---|
| | | LEFT END | RIGHT END | |
| RB1 | W410x39 | 45 kN | 45 kN | Cf=15 kN Tf=15 kN |
| RB2 | W460x60 | 160 kN | 160 kN | Cf=45 kN Tf=45 kN |
| RB3 | W410x46 | 145 kN | 145 kN | Cf=75 kN Tf=75 kN |
| RB4 | W460x60 | 160 kN | 160 kN | Cf=50 kN Tf=50 kN |
| RB5 | W410x39 | 60 kN | 60 kN | Cf=15 kN Tf=15 kN |
| RB7 | W610x101 | 300 kN | 355 kN | |
| RB8 | 1200 JOIST GIRDER | 585 kN | 545 kN | |
| RB11 | W410x54 | 120 kN | 130 kN | Cf=40 kN Tf=40 kN |
| RB12 | W410x39 | 95 kN | 95 kN | Cf=70 kN Tf=70 kN |
| RB13 | W410x46 | 140 kN | 115 kN | Cf=35 kN Tf=35 kN |
| RB14 | W410x39 | 35 kN | 35 kN | Cf=30 kN Tf=30 kN |
| RB15 | W410x39 | 35 kN | 35 kN | Cf=95 kN Tf=95 kN |
| RB16 | W410x39 | 35 kN | 35 kN | Cf=65 kN Tf=65 kN |
| RB17 | W410x39 | 50 kN | 50 kN | Cf=40 kN Tf=40 kN |
| RB18 | W310x39 | 30 kN | 30 kN | M(L)=40 kN-m M(R)=40 kN-m Cf=40 kN Tf=40 kN |
| RB19 | W310x39 | 30 kN | 30 kN | M(L)=25 kN-m M(R)=25 kN-m Cf=40 kN Tf=40 kN |
| RB20 | W310x39 | 30 kN | 30 kN | M(L)=30 kN-m M(R)=30 kN-m Cf=40 kN Tf=40 kN |

STEEL BEAM SCHEDULE NOTES:

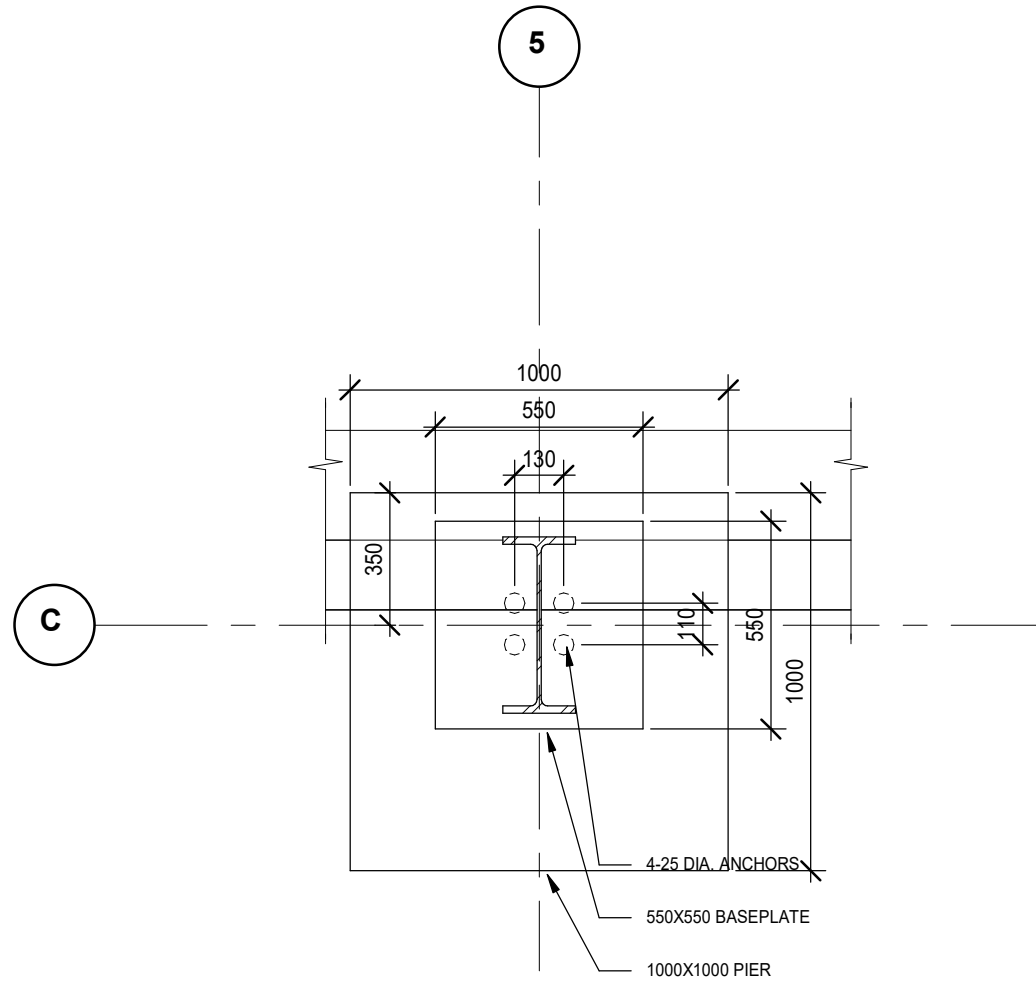
- LEFT AND RIGHT ENDS OF BEAMS ARE DEFINED BY THE ORIENTATION OF THE BEAM MARK ON PLAN.
- REACTIONS GIVEN ARE FACTORED FORCES. REACTIONS WITHIN BRACKETS DENOTE FACTORED UPLIFT FORCES.
- DESIGN CONNECTIONS FOR AXIAL COMPRESSION (C), AXIAL TENSION (T), STRUCK-Axis MOMENT (M), TORSIONAL MOMENT (TM), OR OUT OF PLANE HORIZONTAL FORCE (H) SHOWN IN THE REMARKS COLUMN, IN ADDITION TO THE VERTICAL SHEAR PROVIDED IN THE REACTION COLUMN. THE (L) OR (R) SHOWN NEXT TO THE FORCE INDICATE THE LEFT OR RIGHT END, RESPECTIVELY.
- CAMBERS ARE IN mm. WHERE NO CAMBER IS INDICATED, REFER TO THE SPECIFICATION AND CSA S16.

| COLUMN SCHEDULE | | | | | | | | | | | | | | | | | | | | |
|------------------|-------|------|-------|-------|-------|-------|------|------|------|------|-----|------|------|------|------|-----|-----|------|-----|--------------|
| HIGH PARAPET | | | | | | | | | | | | | | | | | | | | HIGH PARAPET |
| 10000 | | | | | | | | | | | | | | | | | | | | 10000 |
| LOW PARAPET | | | | | | | | | | | | | | | | | | | | LOW PARAPET |
| 5500 LEVEL 2 | | | | | | | | | | | | | | | | | | | | 5500 LEVEL 2 |
| 4250 | | | | | | | | | | | | | | | | | | | | 4250 |
| GROUND LEVEL | | | | | | | | | | | | | | | | | | | | GROUND LEVEL |
| 0 | | | | | | | | | | | | | | | | | | | | 0 |
| US FOOTINGS | | | | | | | | | | | | | | | | | | | | US FOOTINGS |
| -1500 | | | | | | | | | | | | | | | | | | | | -1500 |
| COLUMN LOCATIONS | LRC10 | LRC9 | LRC11 | LRC12 | LRC13 | LRC14 | RC16 | RC17 | RC18 | RC19 | 2C6 | LRC6 | LRC7 | LRC8 | RC10 | 2C1 | 2C3 | RC12 | 2C2 | |

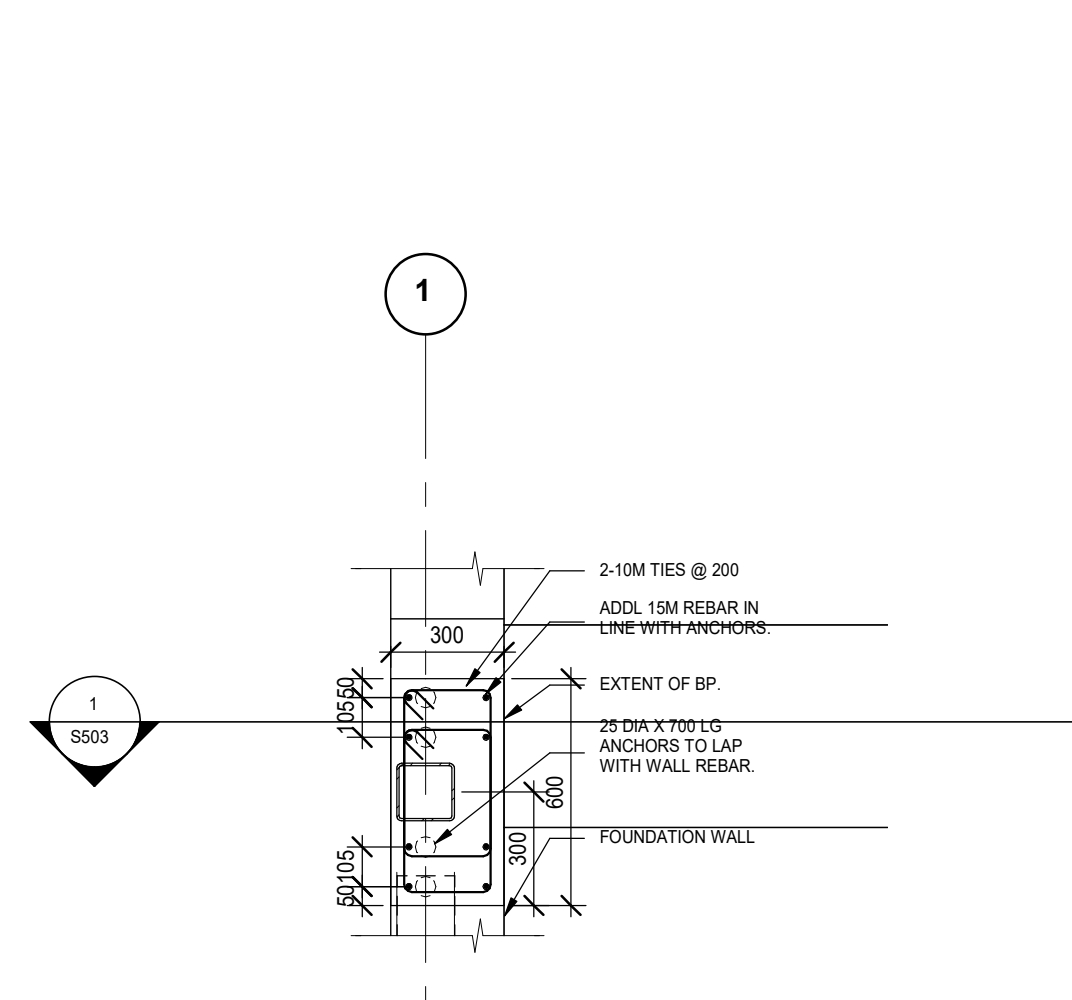
| COLUMN SCHEDULE | | | | | | | | | | | | | | | | | | | | |
|------------------|-----|------|------|------|------|------|-----|-----|-----|-------|-----|-------|-----|-----|-----|------|-----|-----|-------|--------------|
| HIGH PARAPET | | | | | | | | | | | | | | | | | | | | HIGH PARAPET |
| 10000 | | | | | | | | | | | | | | | | | | | | 10000 |
| LOW PARAPET | | | | | | | | | | | | | | | | | | | | LOW PARAPET |
| 5500 LEVEL 2 | | | | | | | | | | | | | | | | | | | | 5500 LEVEL 2 |
| 4250 | | | | | | | | | | | | | | | | | | | | 4250 |
| GROUND LEVEL | | | | | | | | | | | | | | | | | | | | GROUND LEVEL |
| 0 | | | | | | | | | | | | | | | | | | | | 0 |
| US FOOTINGS | | | | | | | | | | | | | | | | | | | | US FOOTINGS |
| -1500 | | | | | | | | | | | | | | | | | | | | -1500 |
| COLUMN LOCATIONS | 2C4 | RC15 | LRC1 | LRC2 | LRC3 | LRC4 | RC1 | RC2 | RC3 | LRC4c | RC4 | LRC4d | RC5 | RC6 | RC9 | LRC5 | RC7 | RC8 | LRC4a | LRC4b |

STEEL COLUMN SCHEDULE NOTES:

- WHERE NOTED WITH AN ASTERISK (*) PROVIDE HEADED ANCHOR RODS. REFER TO TYPICAL DETAIL 0516. NOTE: PROVIDE 6mm PLATE WASHERS FOR ALL ANCHOR BOLTS LARGER THAN 20mm DIA. WITH HOLE TOLERANCE OF 1mm. WELD TO BASEPLATE AND ANCHOR BOLT FOR CAPACITY ONCE STEEL IS ERECTED AND PLUMB.
- CENTRE COLUMNS, CAPS AND FOOTINGS ON GRIDS UNLESS NOTED OTHERWISE.
- COLUMNS AND PIERS ARE ORIENTED AS SHOWN ON PLAN.
- COLUMN FORCES INDICATED ARE FACTORED IN IN AND BENDING MOMENTS (IF APPLICABLE) ARE FACTORED IN IN-M, UNLESS NOTED OTHERWISE.
- UPLIFT (TENSION) FORCES ARE PRESENTED IN BRACKETS BESIDE THE ASSOCIATED COMPRESSION FORCE, IF APPLICABLE. UPLIFT FORCES ARE FACTORED IN UNLESS NOTED OTHERWISE.
- WHERE MOMENTS OR SHEAR FORCES ARE PRESENTED SIMULTANEOUSLY, THE MOMENT/SHEAR FORCE IS IN THE STRONG DIRECTION IF THE COLUMN IS SQUARE. THE MOMENT/SHEAR FORCE IS IN BOTH DIRECTIONS UNLESS NOTED OTHERWISE.
- WHERE MOMENTS OR SHEARS ARE PRESENTED ABOUT TWO AXES, THE FIRST MOMENT/SHEAR FORCE IS IN THE STRONG DIRECTION AND THE SECOND IN THE WEAK DIRECTION. IF THE COLUMN IS SQUARE, THE FIRST MOMENT/SHEAR FORCE IS PARALLEL TO THE NORTH-SOUTH DIRECTION.
- REFER TO TYPICAL DETAIL 0303 UNLESS NOTED OTHERWISE.
- PROVIDE 4-19 DIA. HOOKED ANCHOR BOLTS AS PER TYPICAL DETAIL 0303 UNLESS NOTED OTHERWISE.
- WHERE HEADED ANCHOR RODS ARE SPECIFIED REFER TO TYPICAL DETAIL 0516.



1 TYP. BASEPLATE DETAIL FOR 850X850 PIERS
S200 1:20



2 BP ON FW - CL 1
S200 1:20

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.

ISSUE:
ADDENDUM S2

| MARK | DATE | DESCRIPTION |
|------|------------|----------------------------|
| 7 | 2021/09/28 | ADDENDUM S2 |
| 6 | 2021/09/14 | ADDENDUM S1 |
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| 4 | 2021/08/30 | ISSUED FOR TENDER |
| 3 | 2021/08/25 | ISSUED FOR TENDER REVIEW |
| 2 | 2021/08/11 | ISSUED FOR COORDINATION |
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PROJECT NAME:
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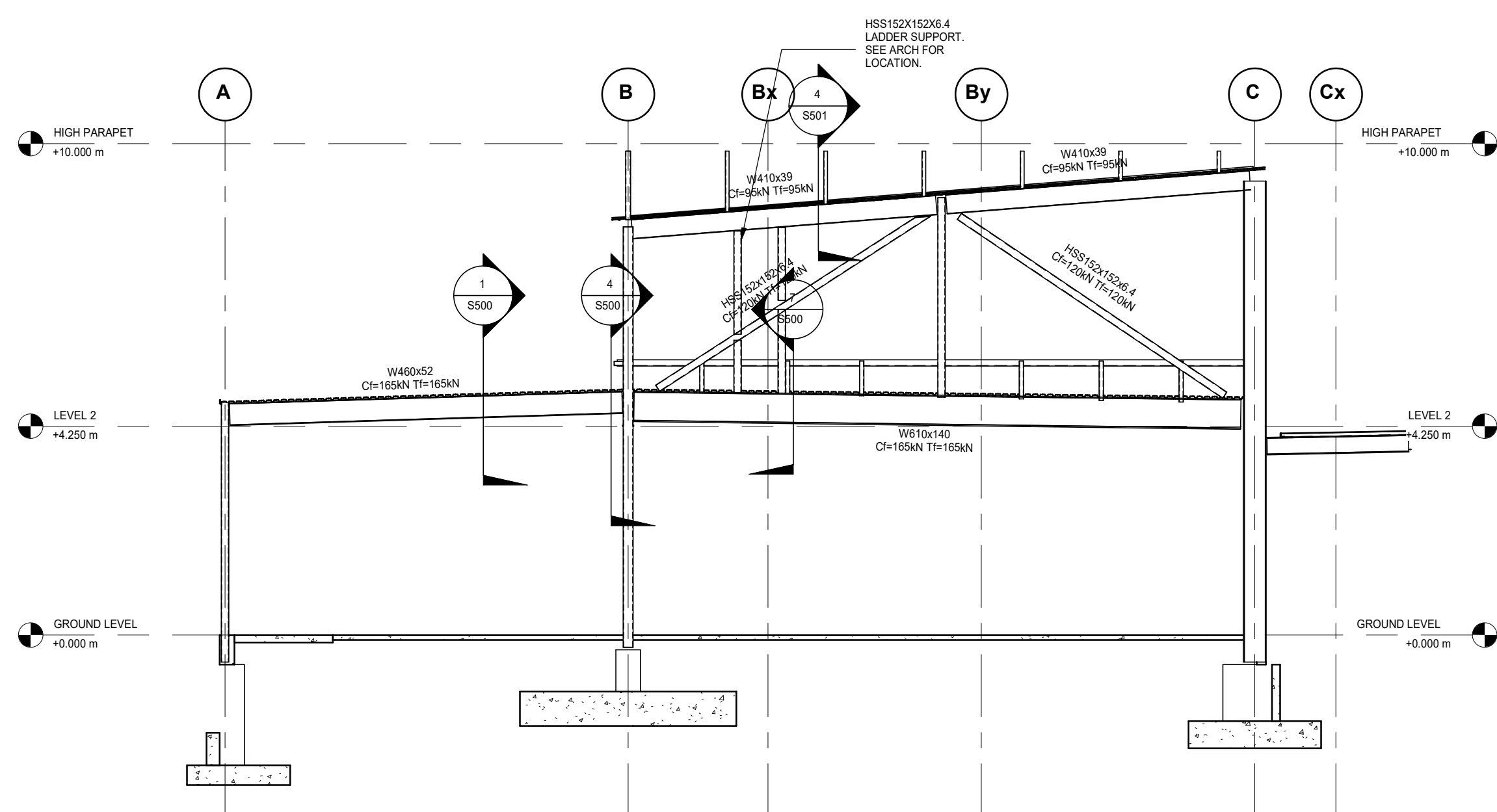
PROJECT ADDRESS:
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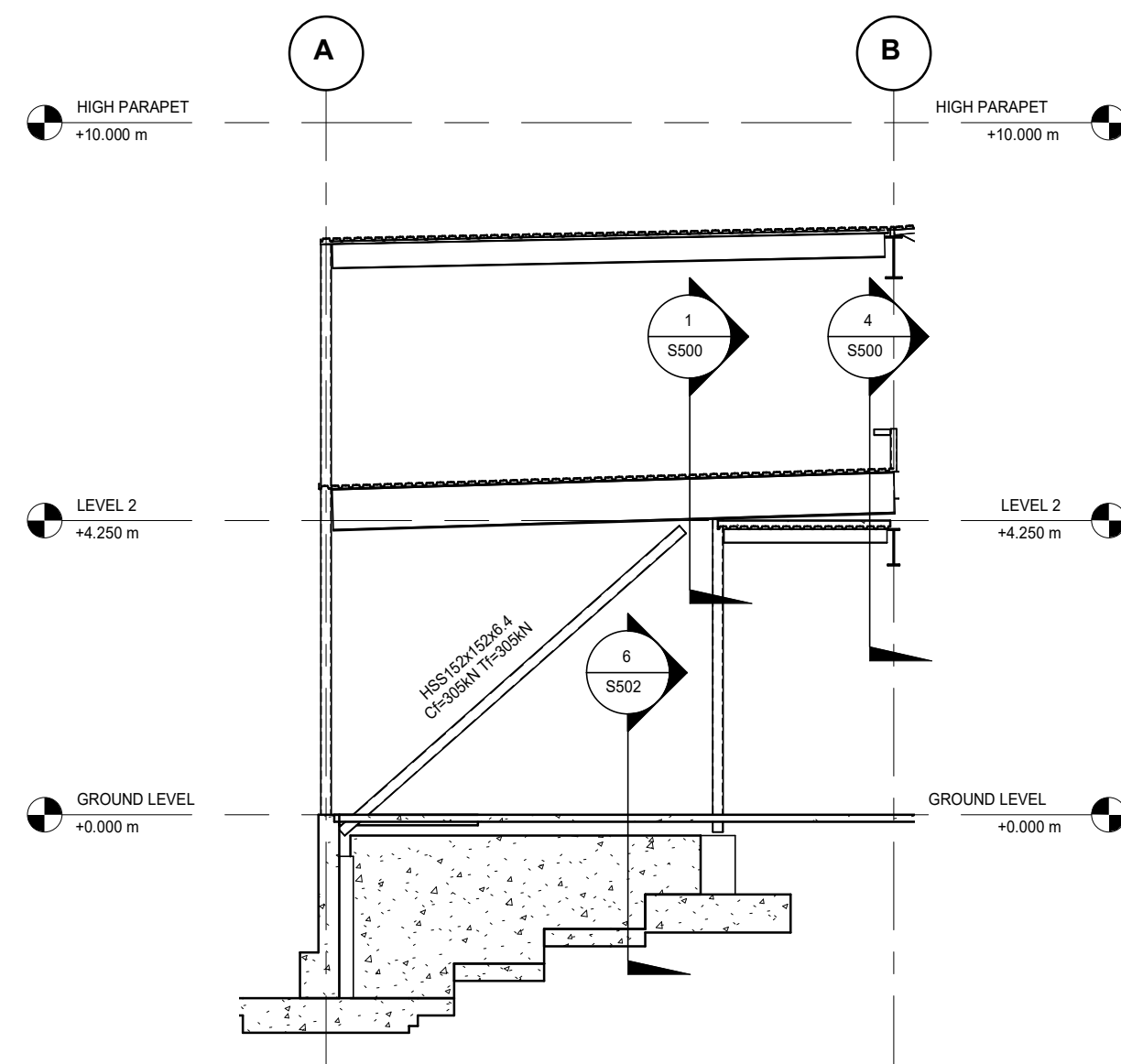
DRAWN: DM
SCALE: As indicated
SHEET TITLE: COLUMN SCHEDULE

CHECKED: IFM
PROJECT NUMBER: 210112

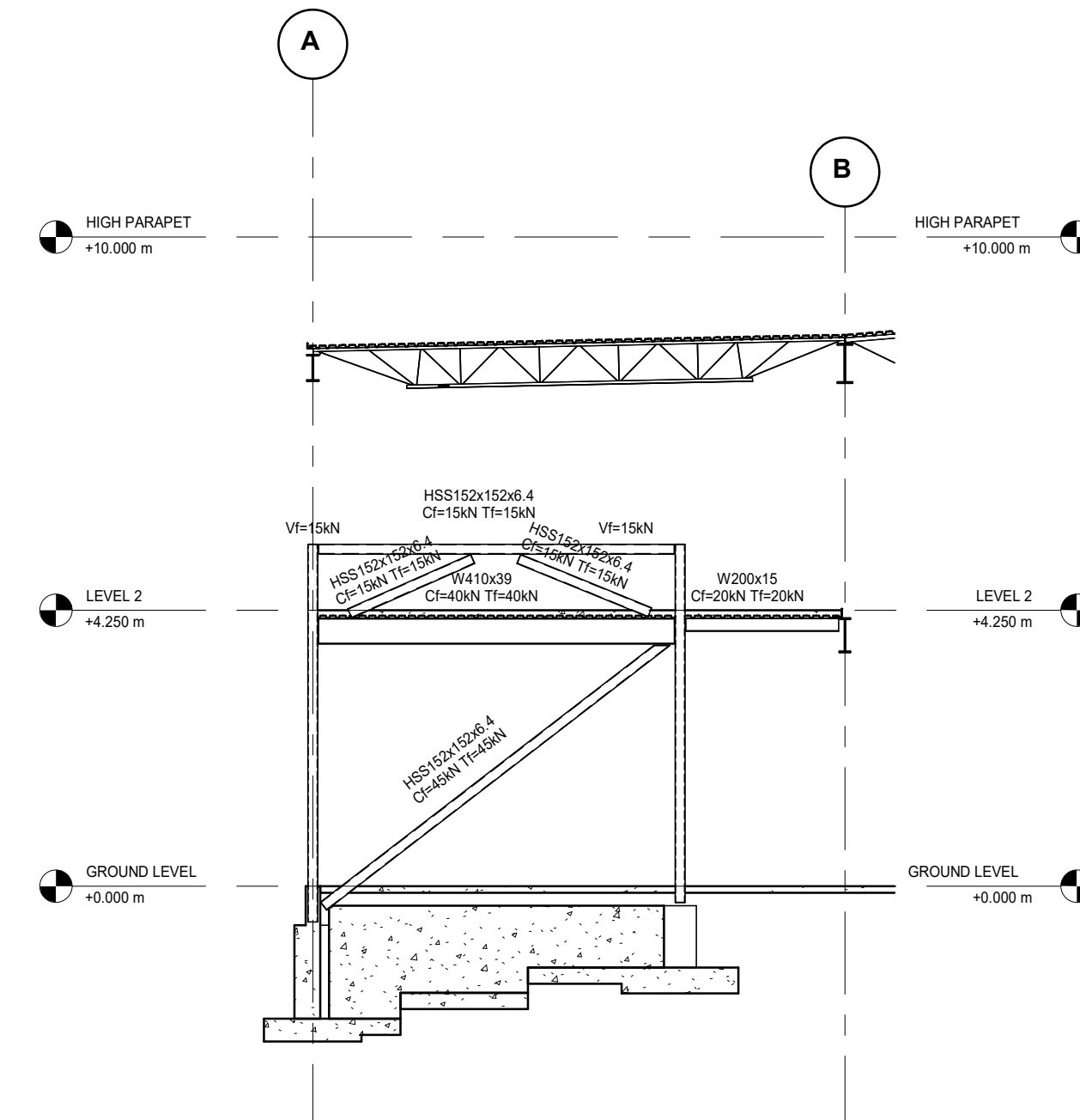
S200



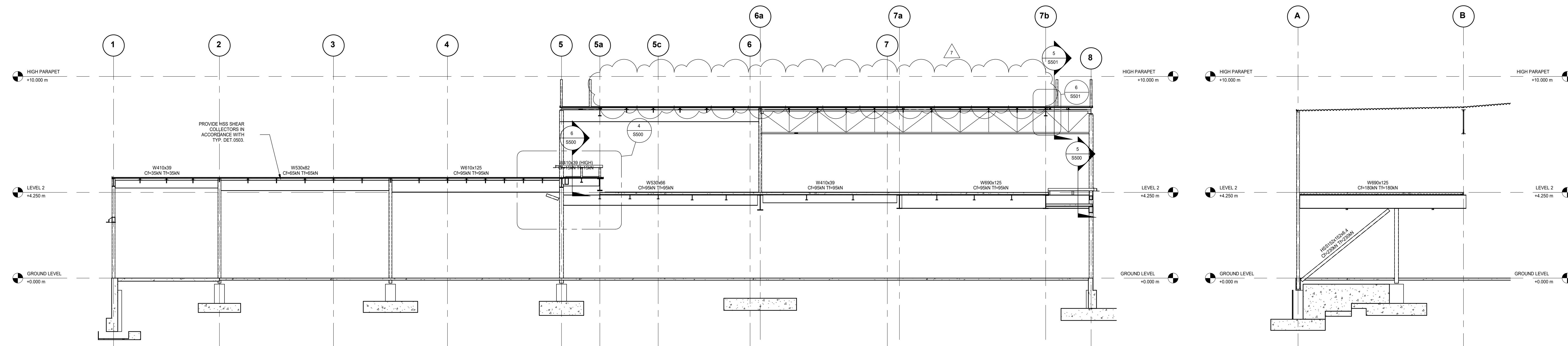
1 HIGH ROOF BRACING
S301 1:100



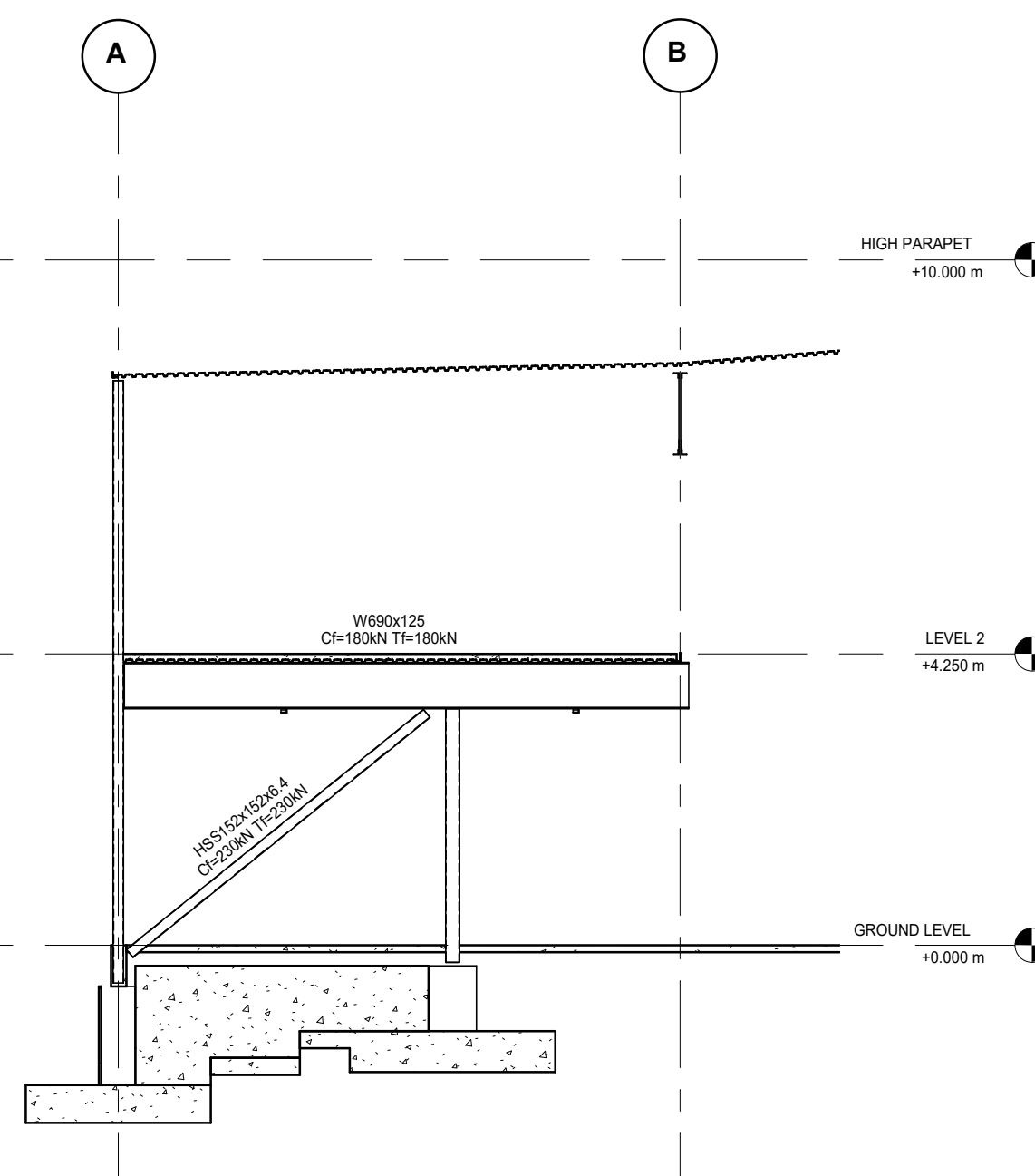
2 FRAMING BRACING NEAR GL 5a
S301 1:100



3 FRAMING BRACING ON GL 5b
S301 1:100



4 LINE B
S301 1:100



5 BRACING NEAR GL 7
S301 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.

ISSUE:
ADDENDUM S2

| MARK | DATE | DESCRIPTION |
|------|------------|----------------------------|
| 7 | 2021/09/28 | ADDENDUM S2 |
| 6 | 2021/09/14 | ADDENDUM S1 |
| 5 | 2021/09/09 | ISSUED FOR BUILDING PERMIT |
| 4 | 2021/08/30 | ISSUED FOR TENDER |
| 3 | 2021/08/25 | ISSUED FOR TENDER REVIEW |
| 2 | 2021/08/11 | ISSUED FOR COORDINATION |
| 1 | 2021/07/16 | Issued for Class B Costing |

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SMITH + ANDERSON/CAL ENGINEERS
CORPORATE OFFICE: 100 BAYVIEW AVENUE EAST
TORONTO, ONTARIO M2N 6K6
TEL 416 487 8151

PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

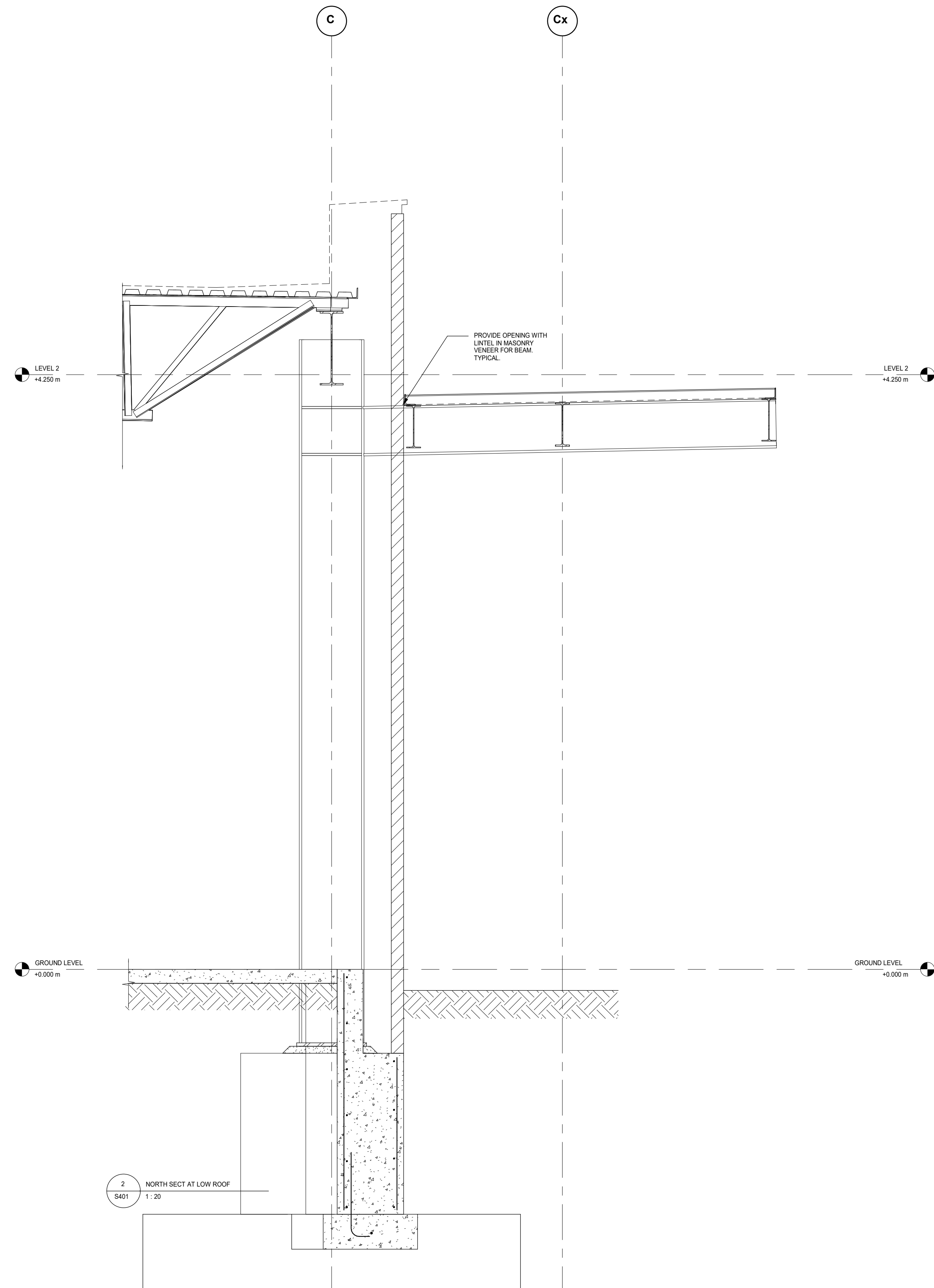
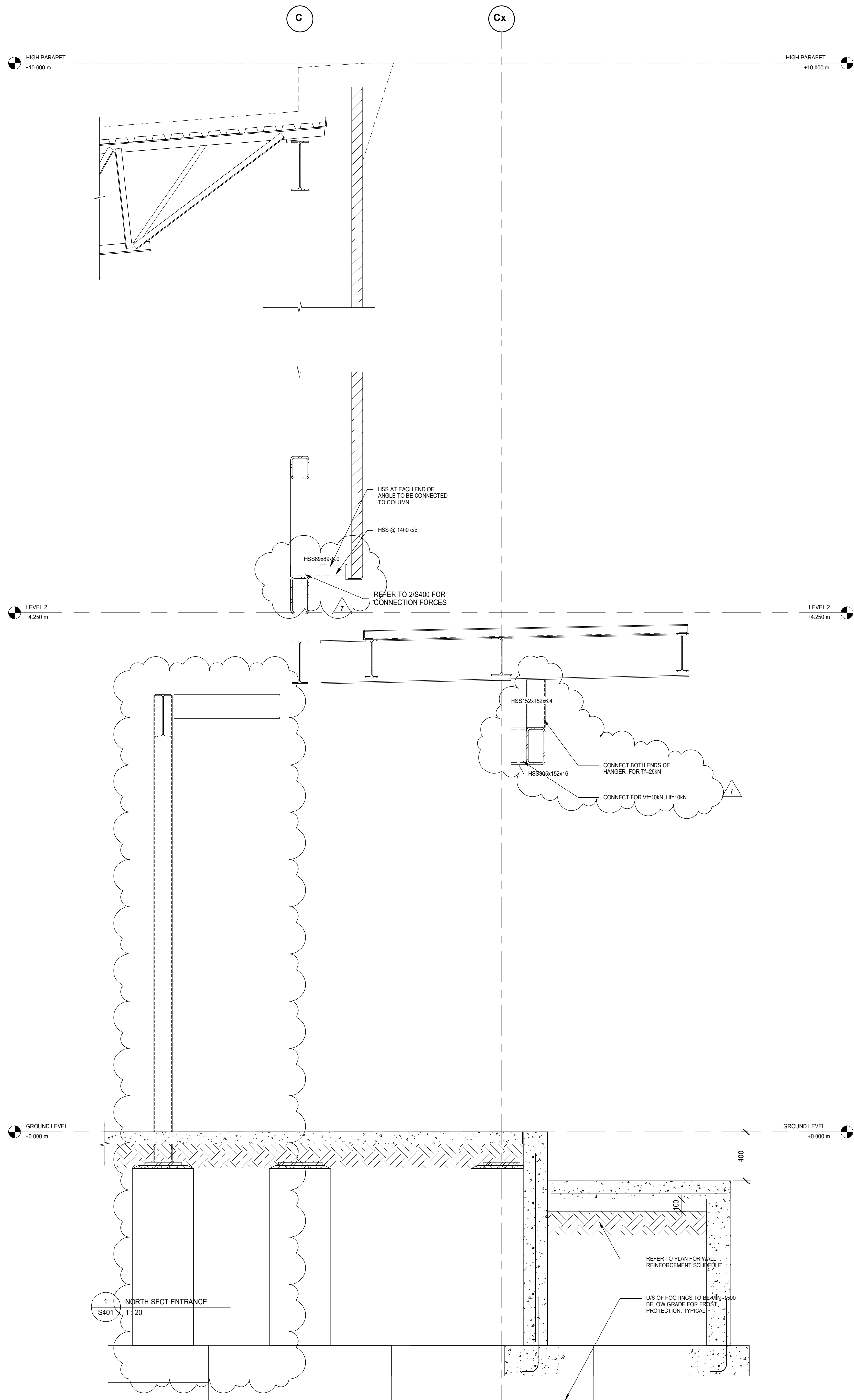
PROJECT ADDRESS:
132 Burleigh Street

SEAL:

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|-----------------|---------------------------|
| DRAWN: DM | CHECKED: IFM |
| SCALE: 1:100 | PROJECT NUMBER: 210112 |

SHEET TITLE:
FRAMING ELEVATIONS

S301



Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

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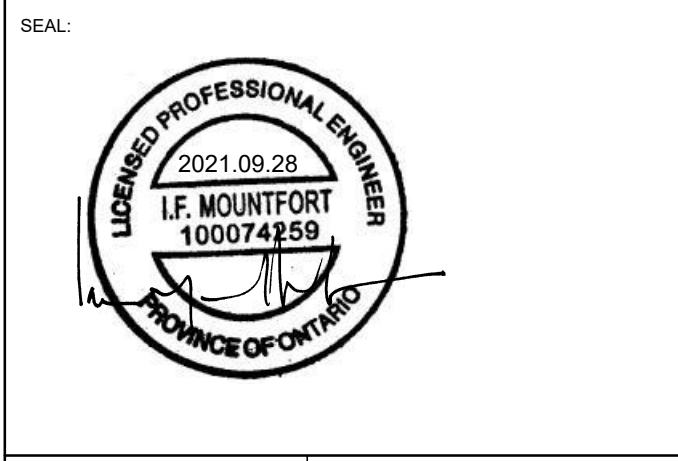
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TEL 416.487.8151

PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

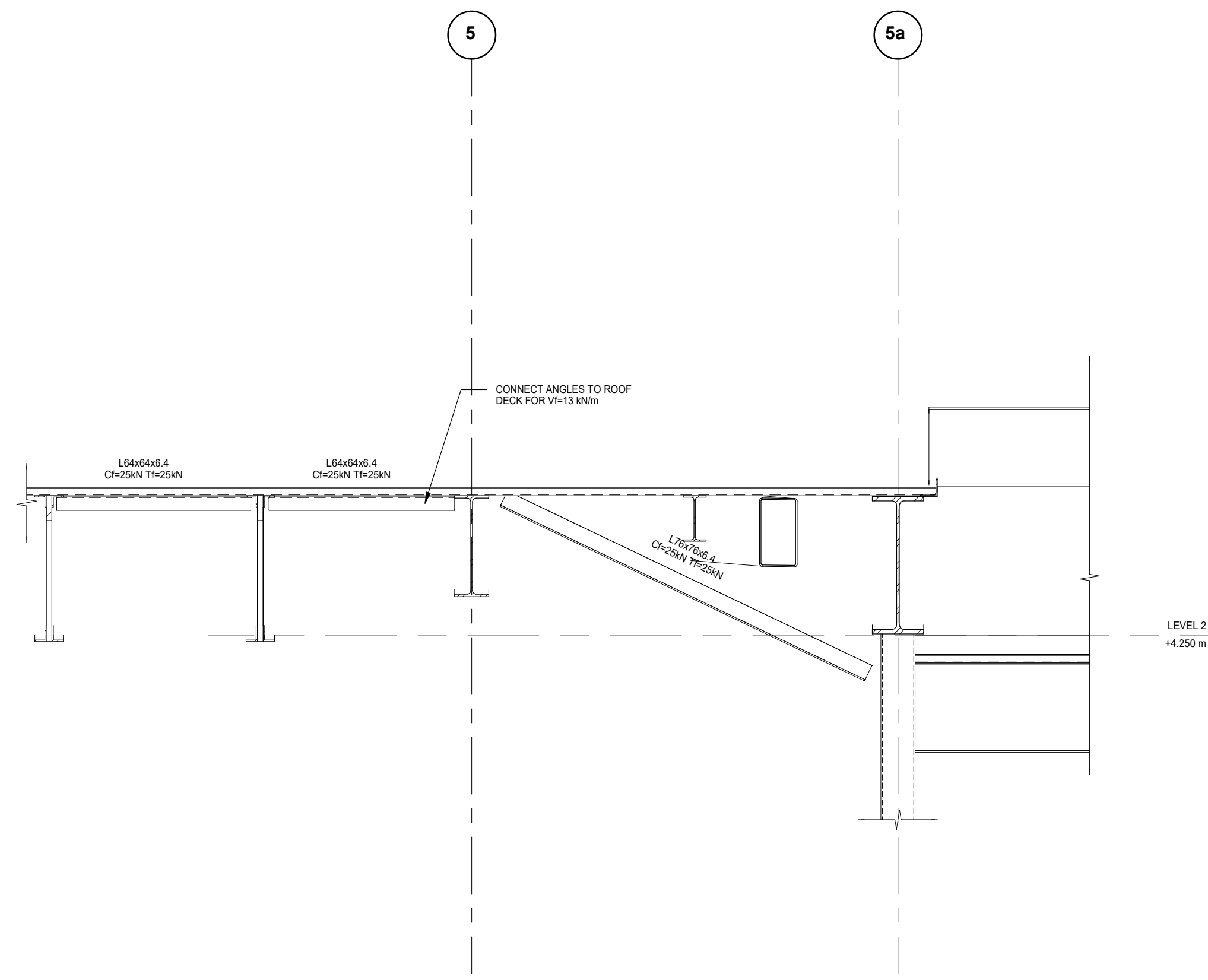
PROJECT ADDRESS:
132 Burleigh Street



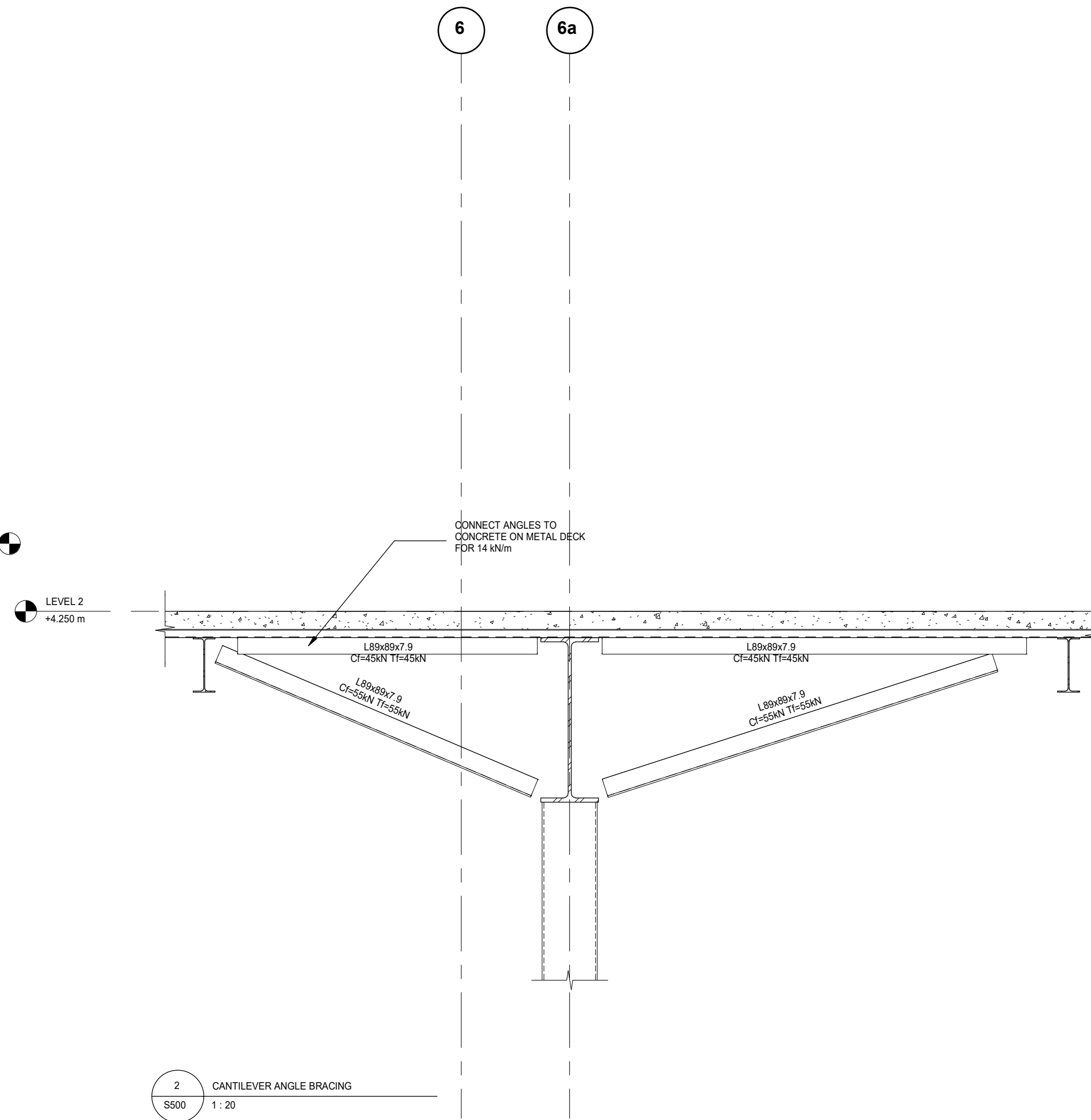
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| DRAWN: Author | CHECKED: Checker |
| SCALE: 1 : 20 | PROJECT NUMBER: 210112 |

SHEET TITLE:
BUILDING SECTIONS

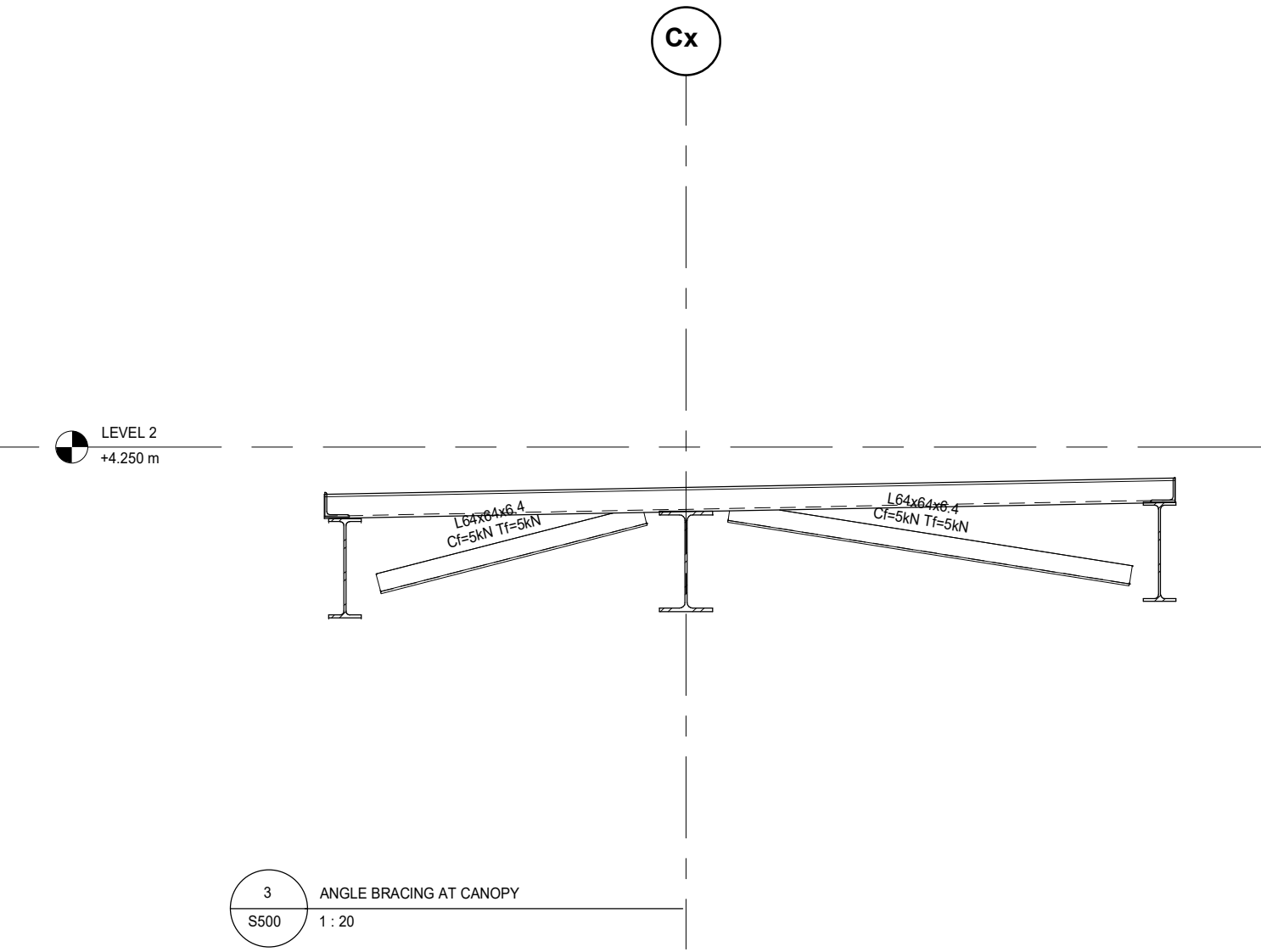
S401



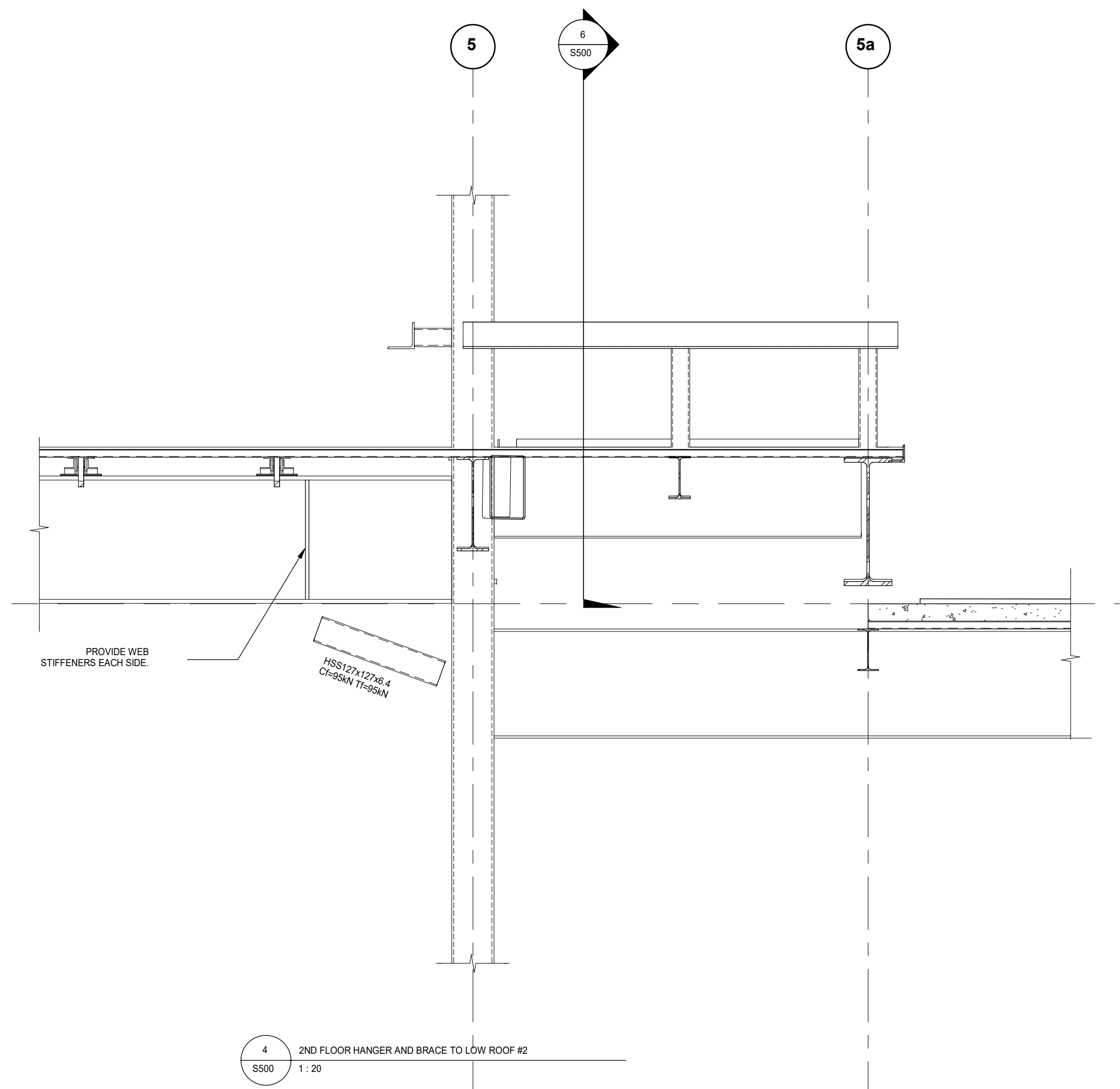
1 2ND FLOOR HANGER AND BRACE TO LOW ROOF
S500 1:20



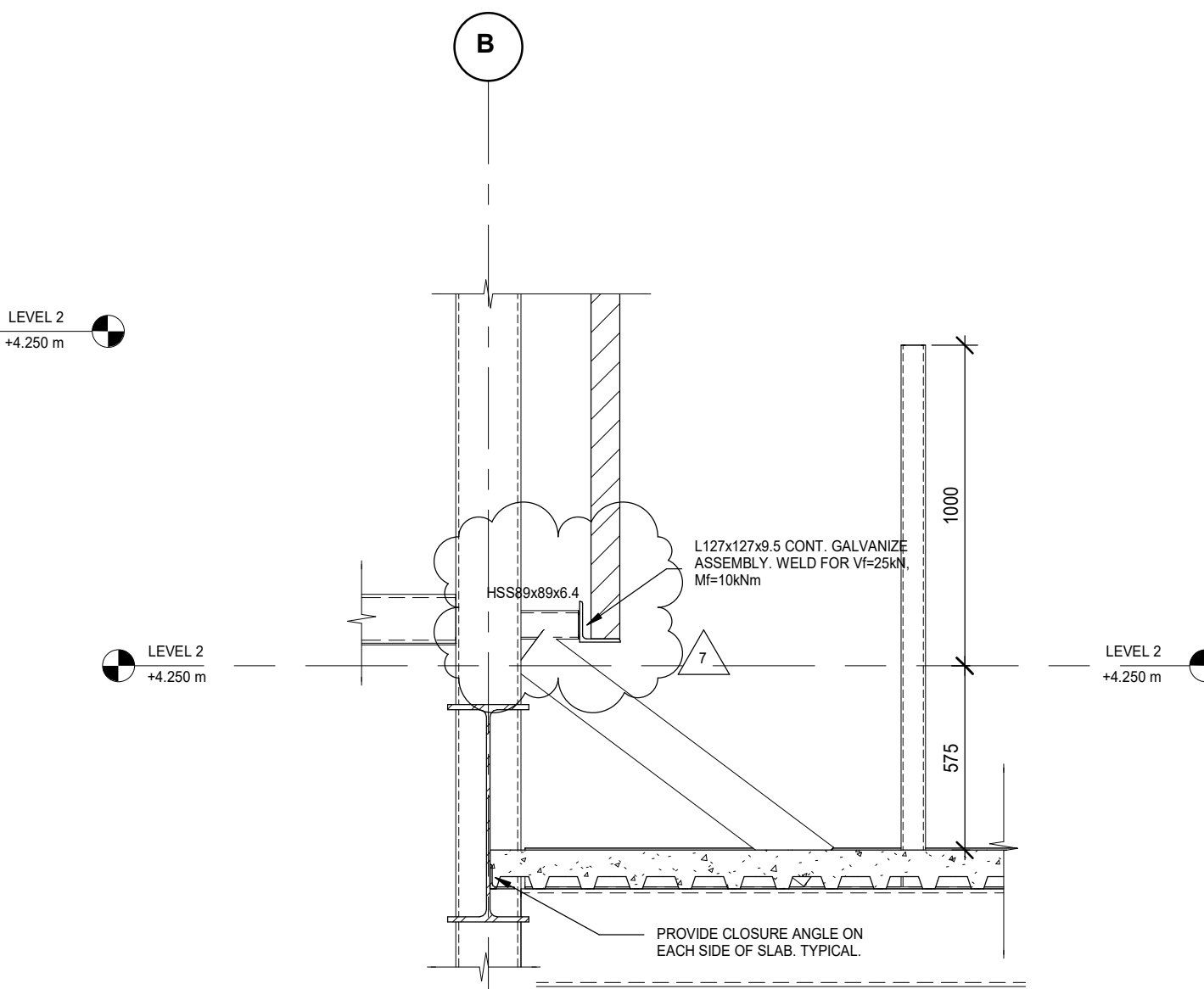
2 CANTILEVER ANGLE BRACING
S500 1:20



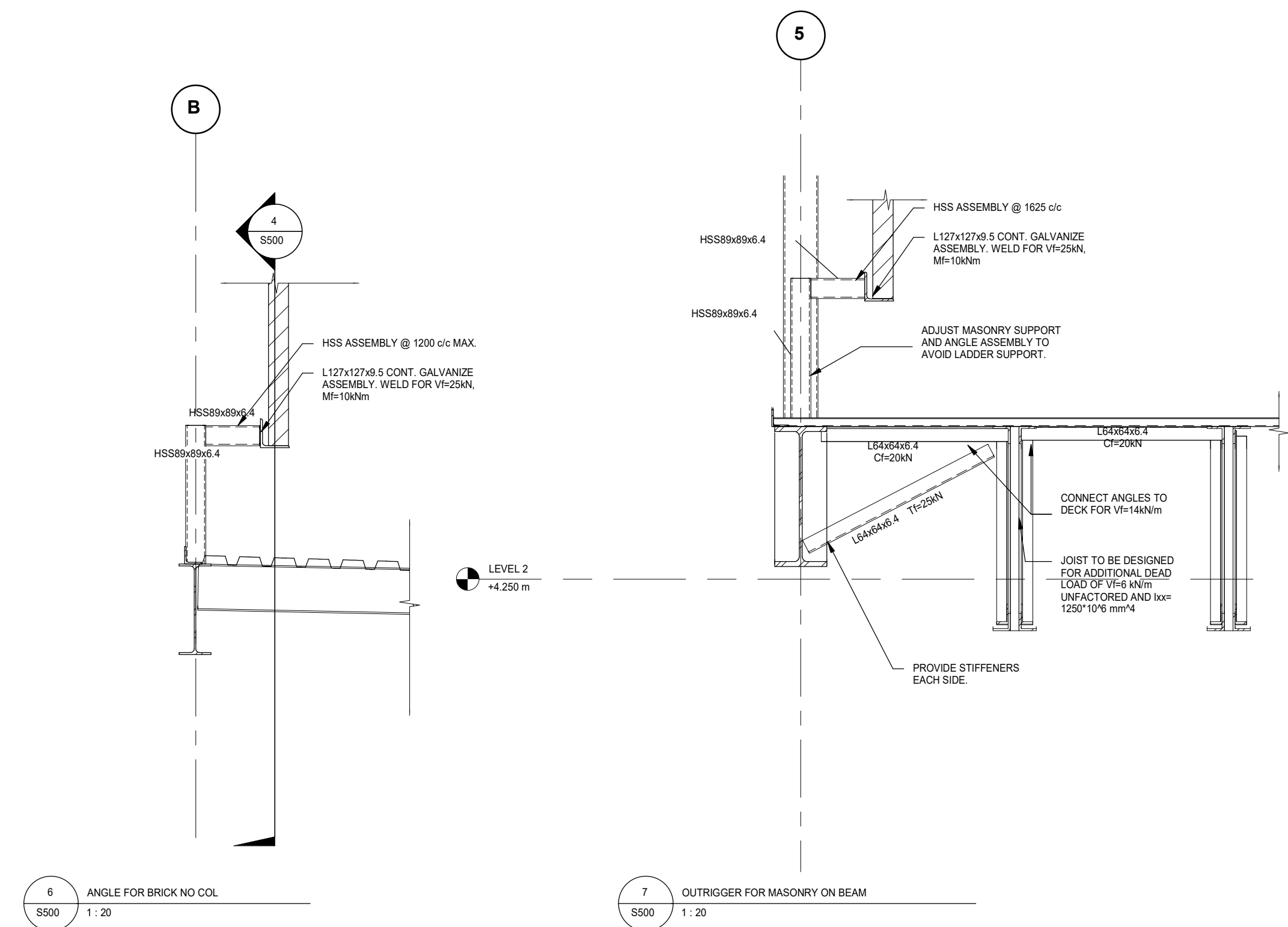
3 ANGLE BRACING AT CANOPY
S500 1:20



4 2ND FLOOR HANGER AND BRACE TO LOW ROOF #2
S500 1:20



5 ANGLE FOR BRICK AT COL
S500 1:20



6 ANGLE FOR BRICK NO COL
S500 1:20

7 OUTRIGGER FOR MASONRY ON BEAM
S500 1:20

Contractor must check and verify all dimensions on the job, and report any discrepancies to the Architect before proceeding with the work.

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PROJECT ADDRESS:
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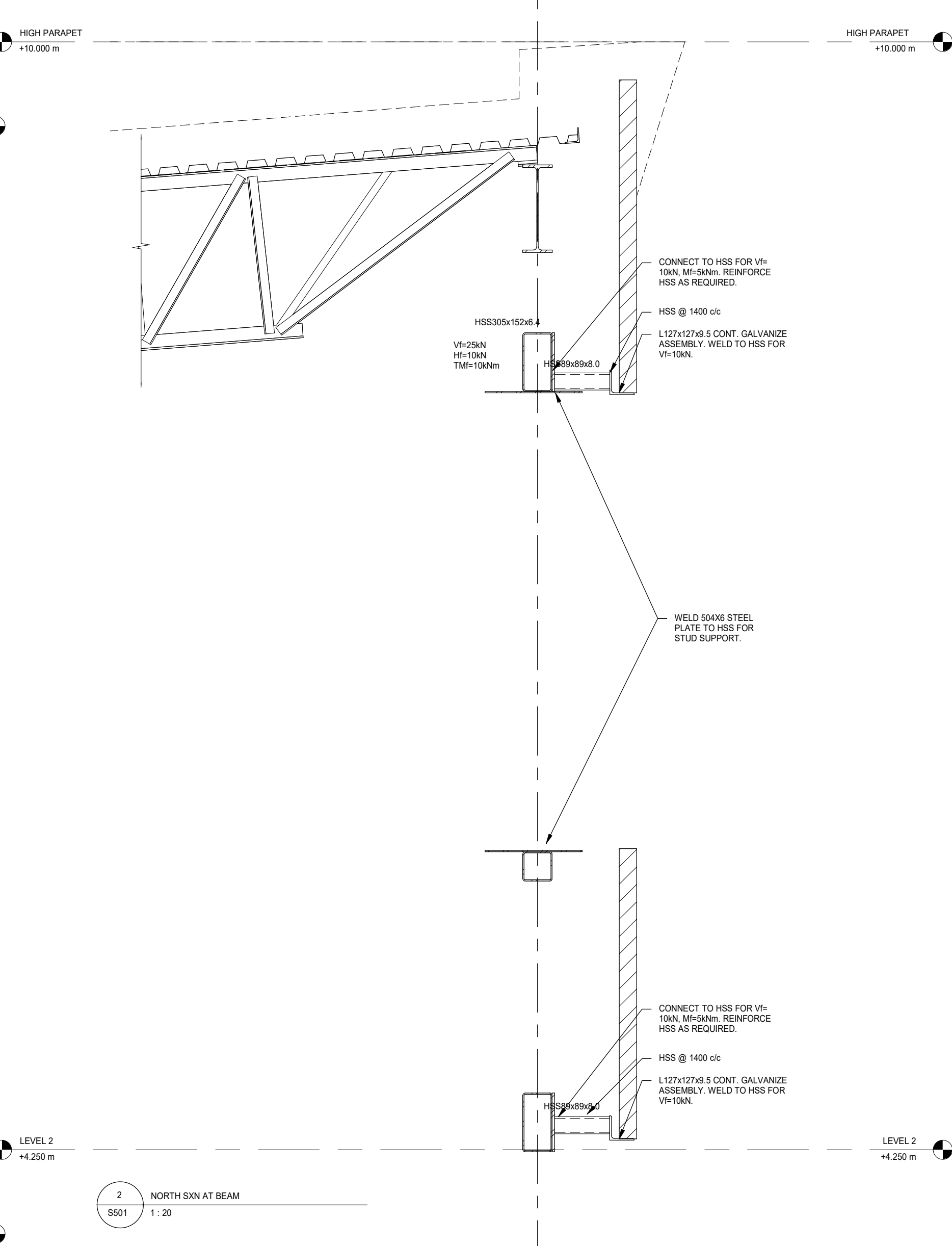
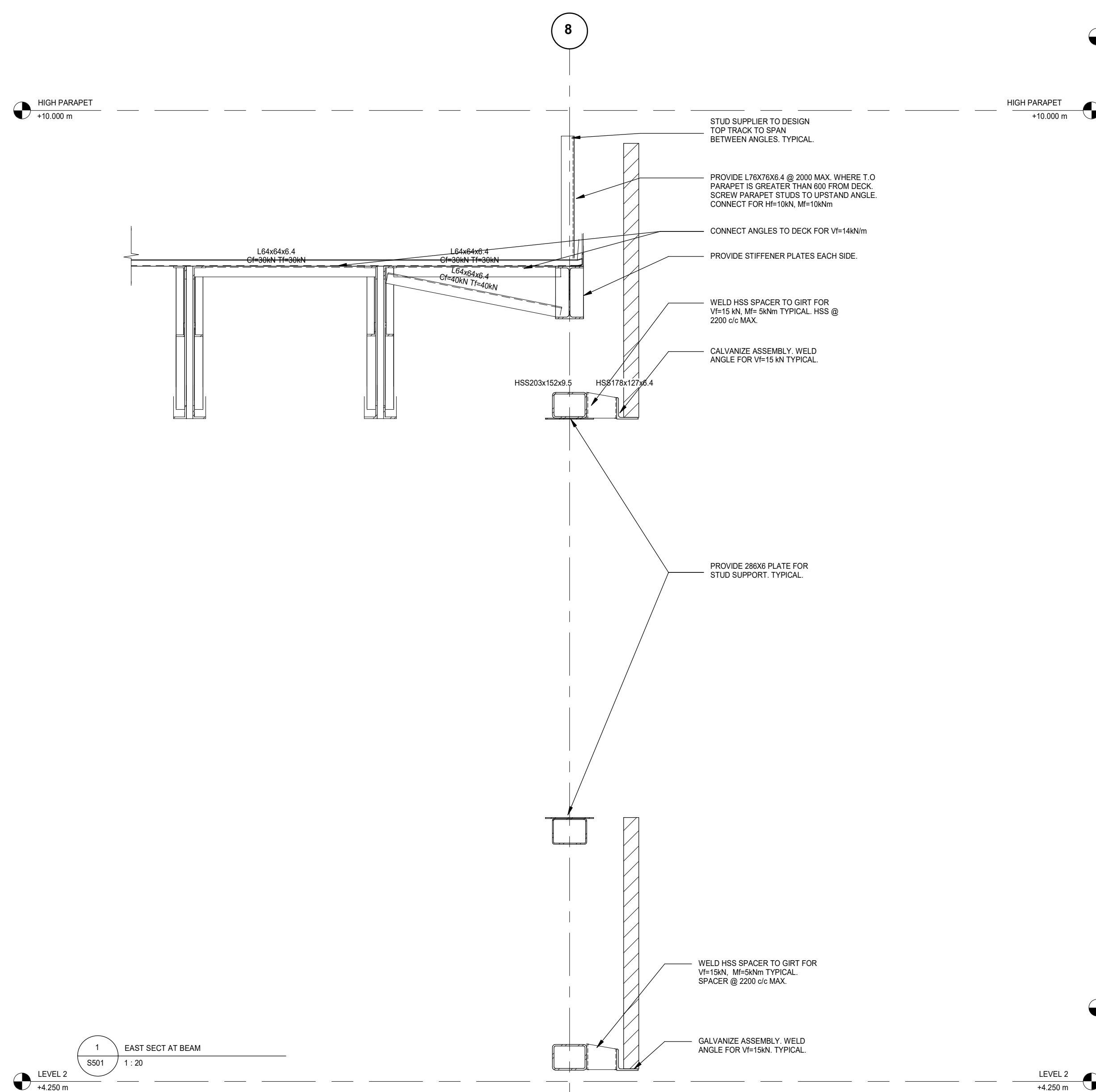


DRAWN: DM
SCALE: 1:20

CHECKED: IFM
PROJECT NUMBER: 210112

SHEET TITLE:
DETAILED SECTIONS

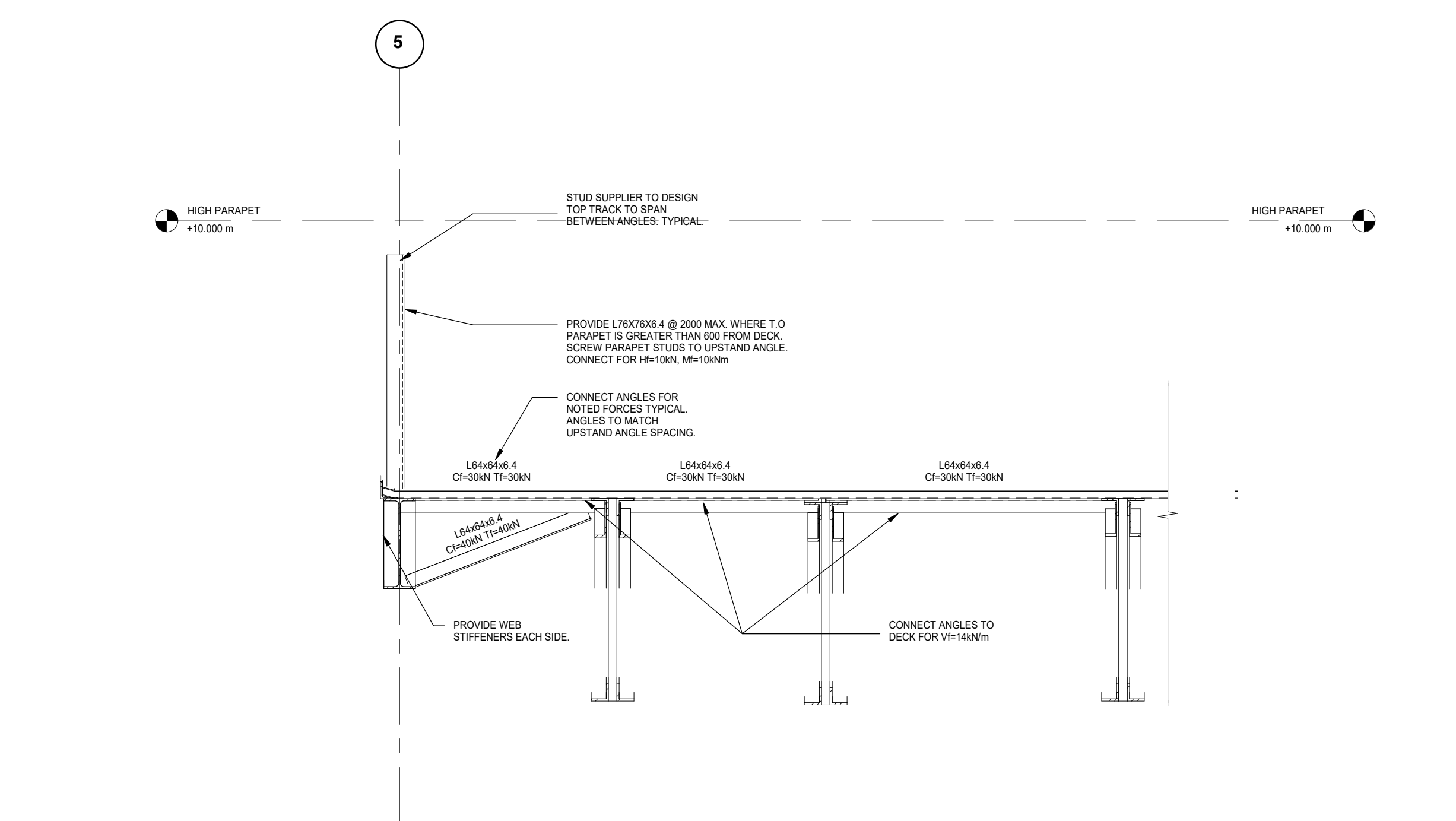
S500



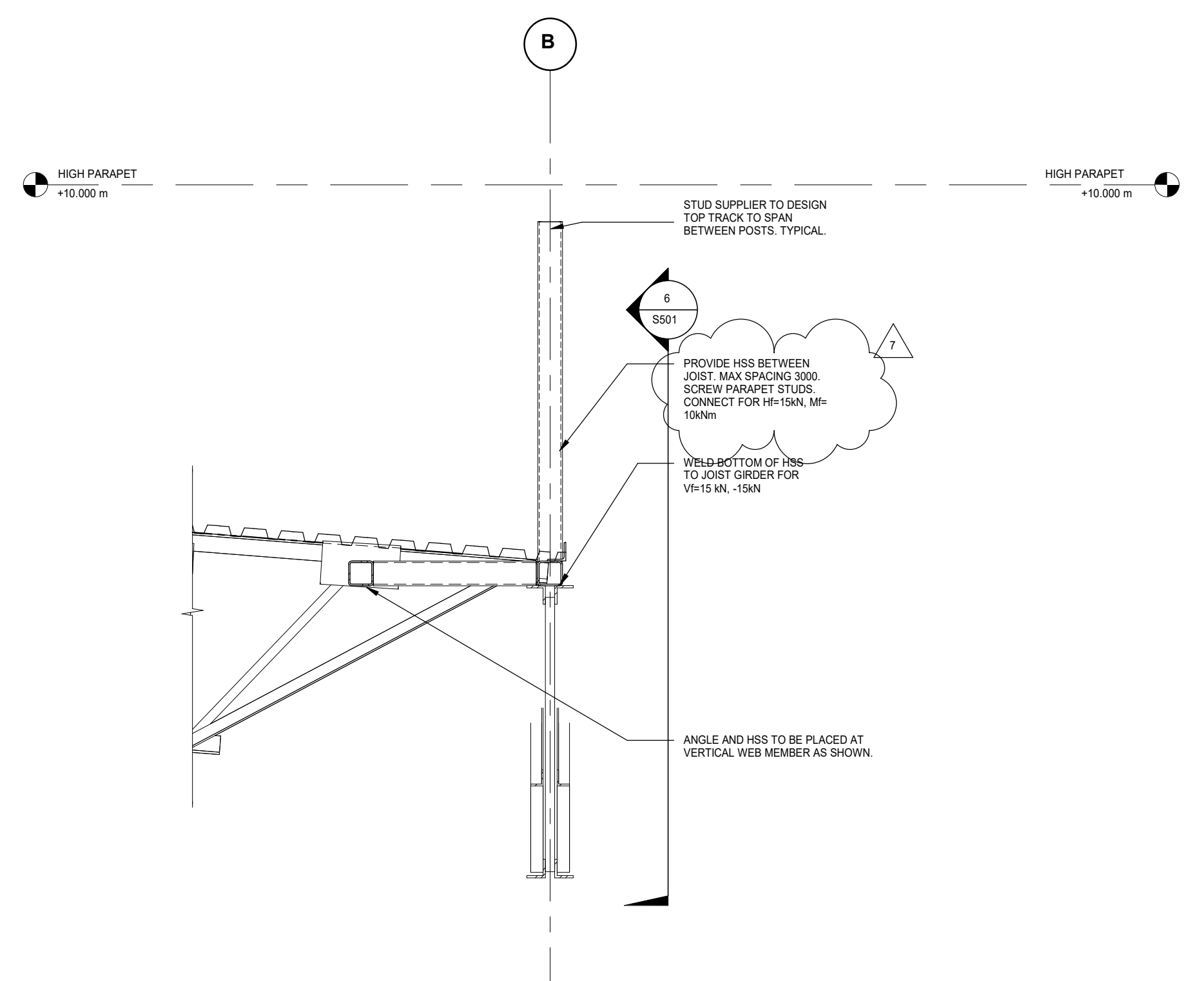
3 PARAPET SUPPORT BETWEEN ROOFS
S501 1:20

1 EAST SECT AT BEAM
S501 1:20

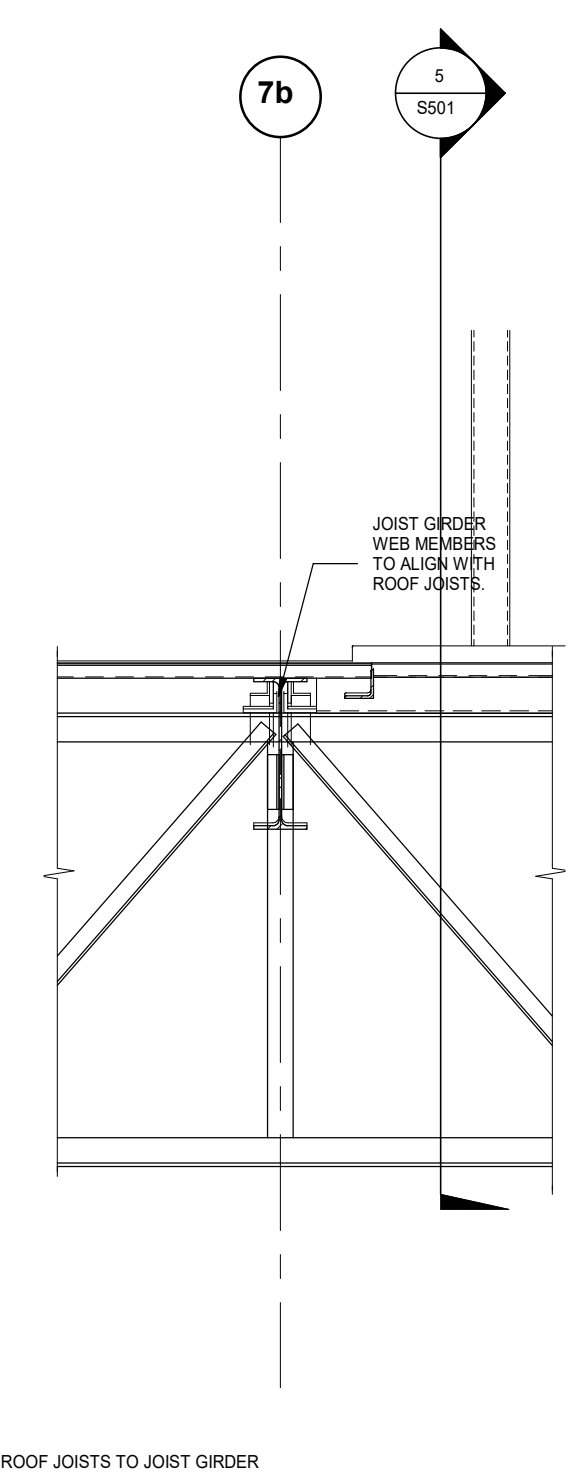
2 NORTH SKN AT BEAM
S501 1:20



4 HIGH ROOF PARAPET
S501 1:20



5 ANGLE FOR PARAPET BETWEEN ROOFS
S501 1:20



6 ROOF JOISTS TO JOIST GIRDER
S501 1:20

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Do not scale this drawing.

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PROJECT NAME:
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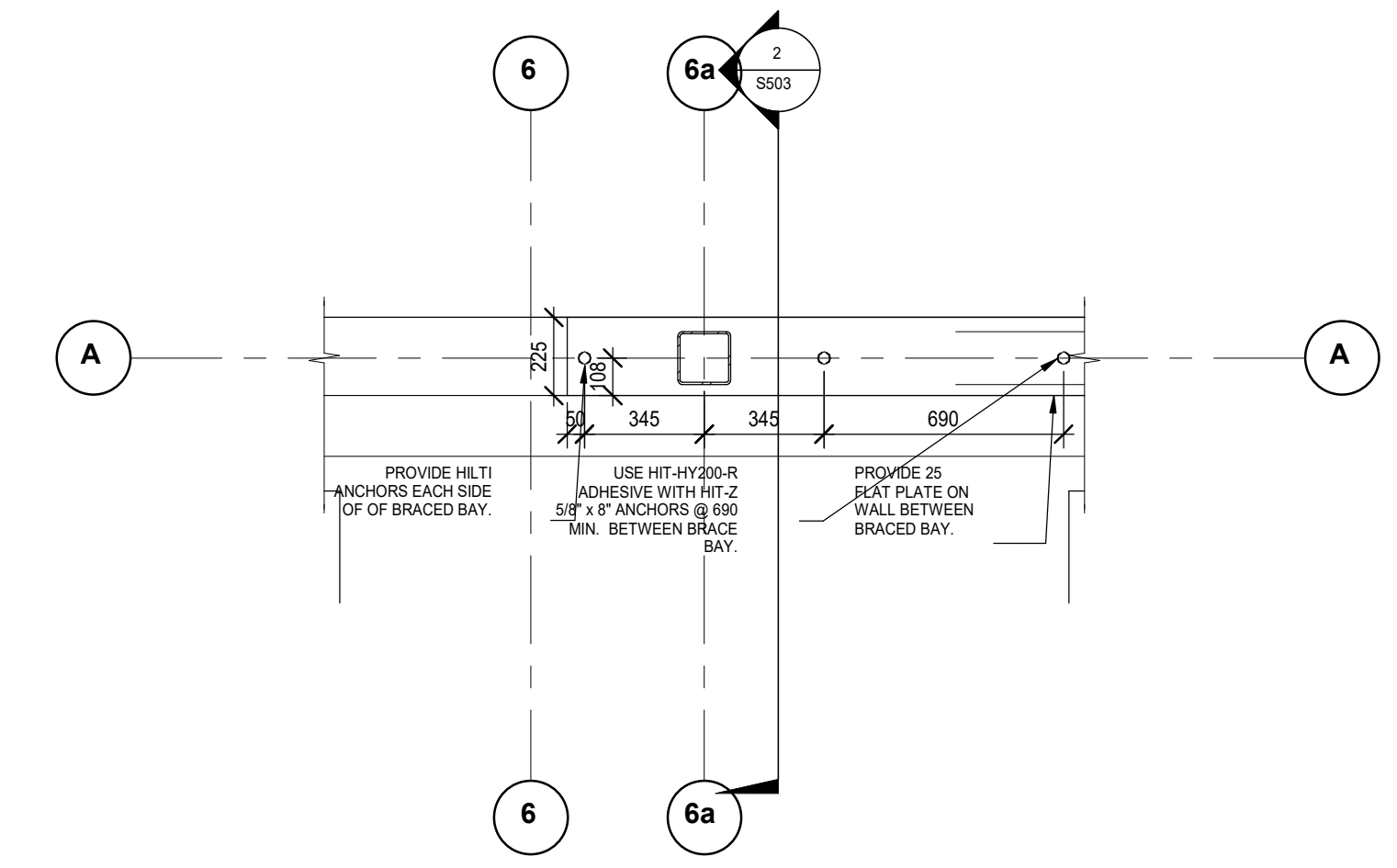
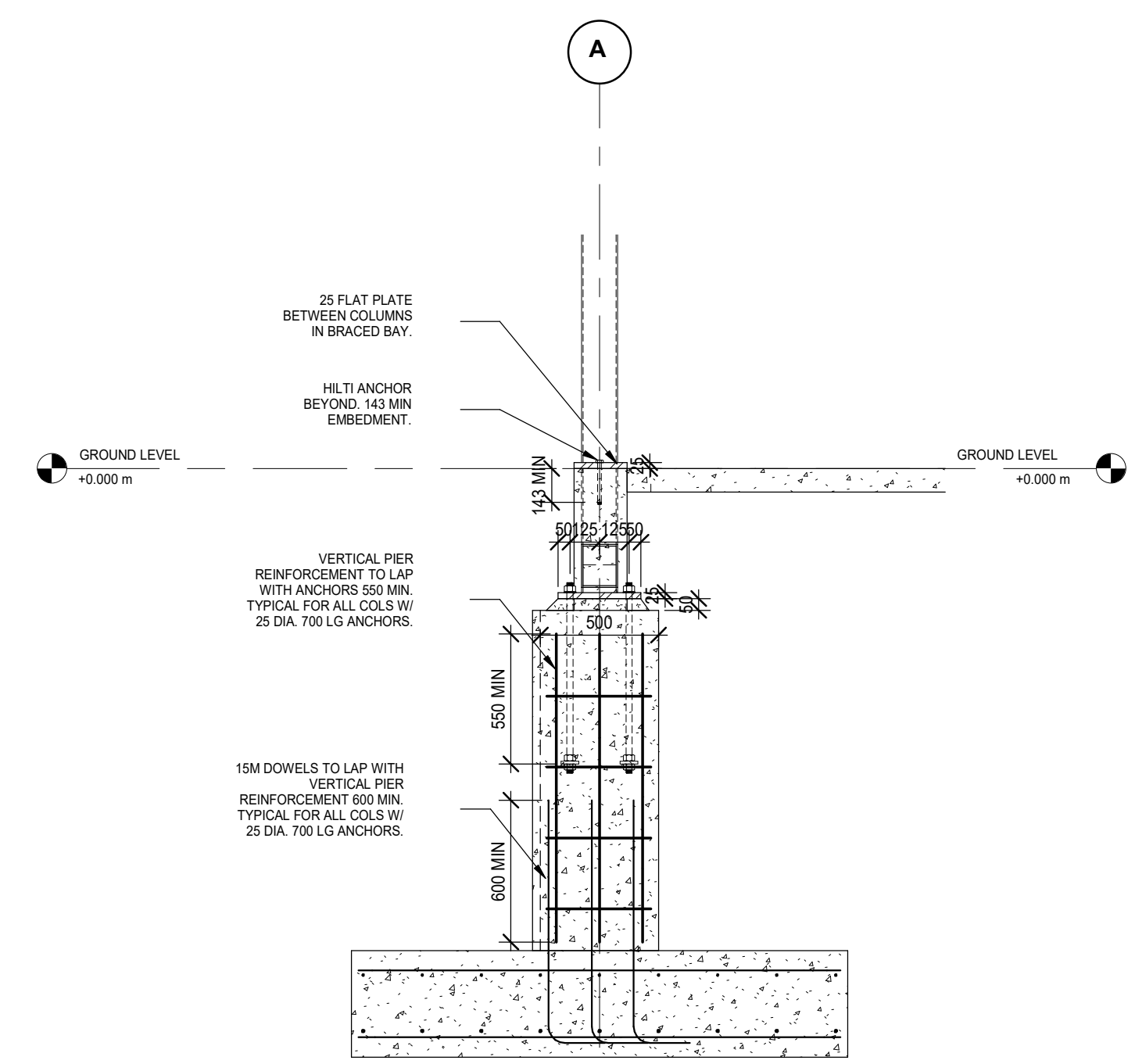
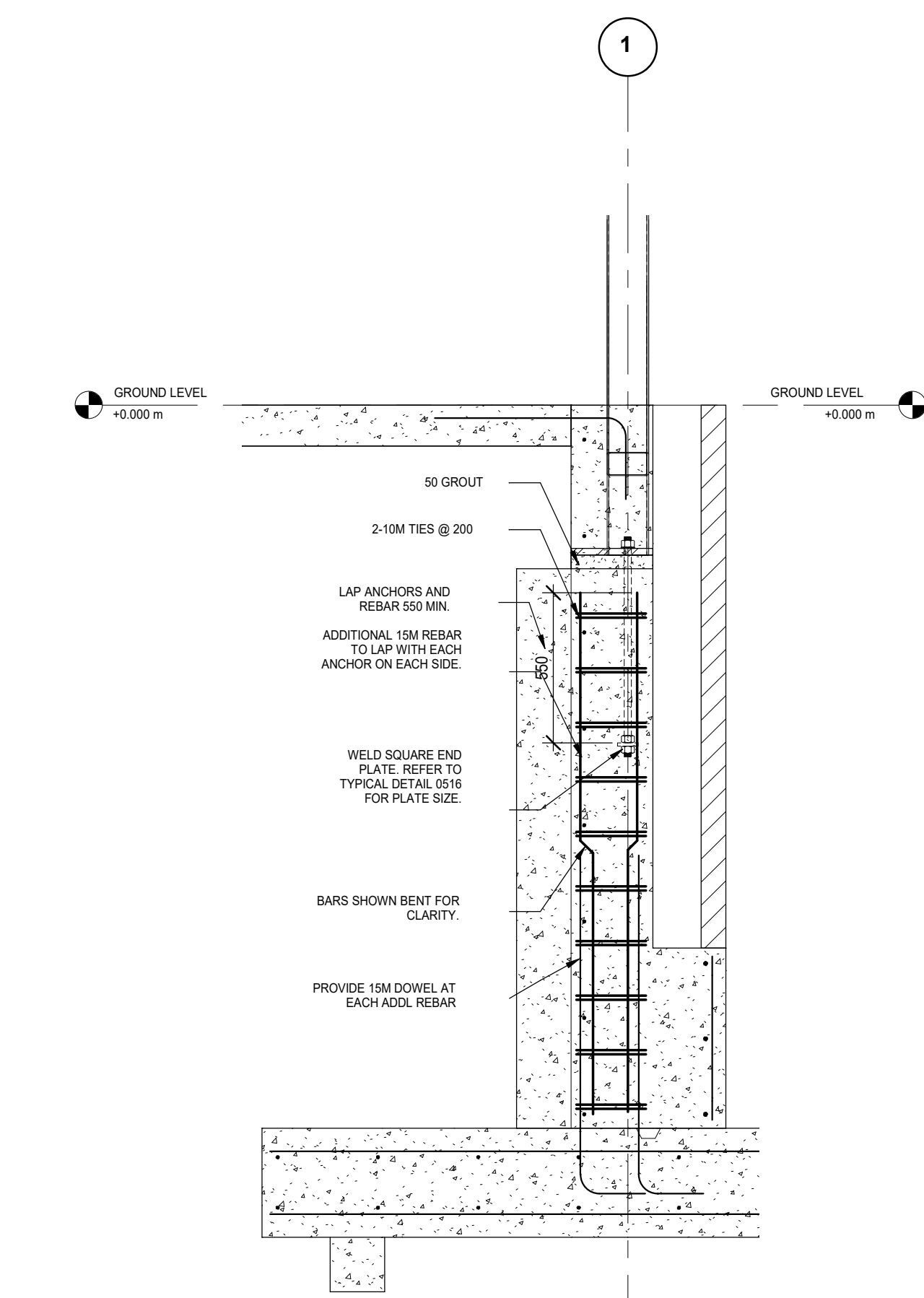
PROJECT ADDRESS:
132 Burleigh Street



DRAWN: DM
SCALE: 1:20
CHECKED: IFM
PROJECT NUMBER: 210112

SHEET TITLE:
DETAILED SECTIONS

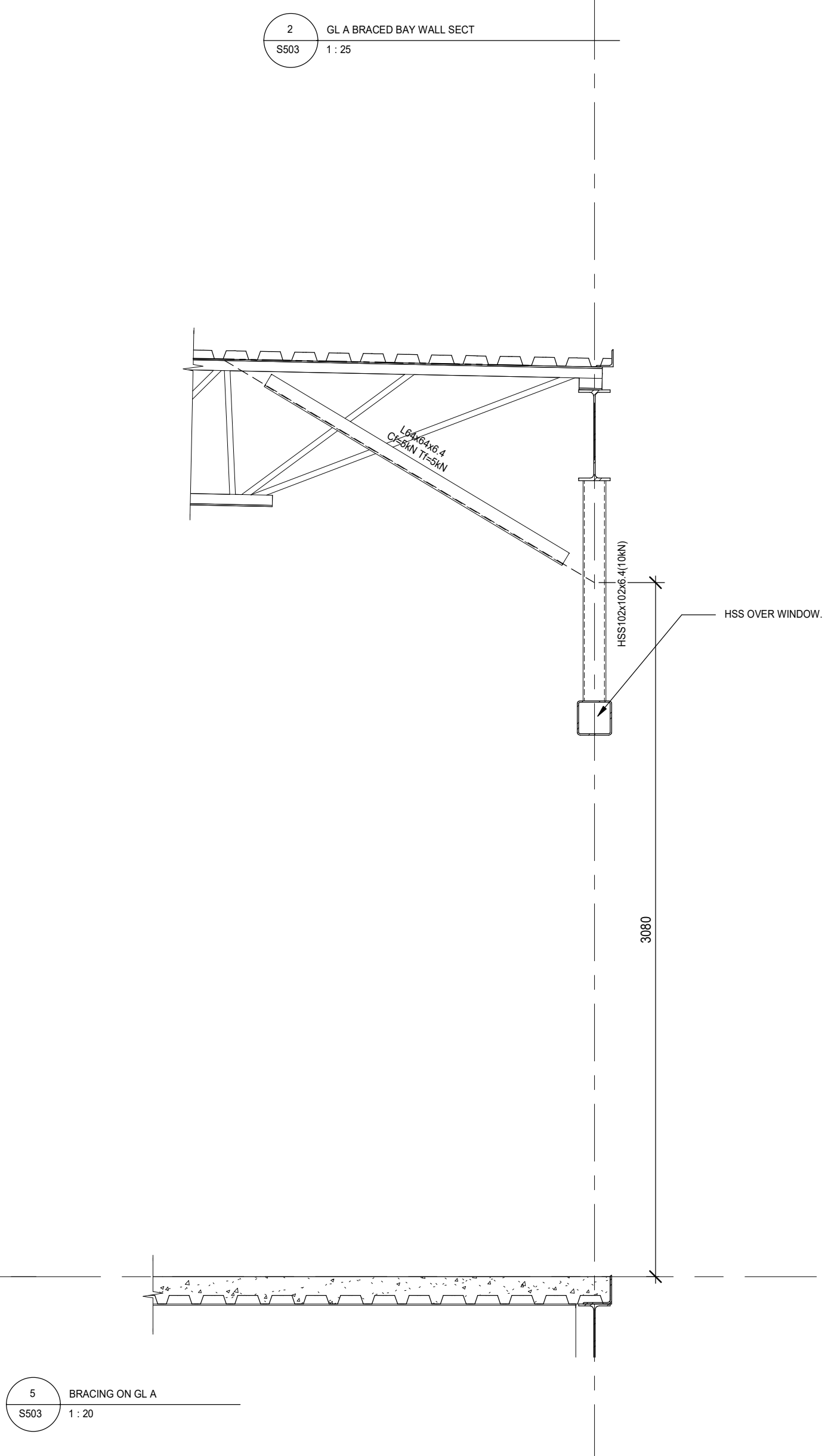
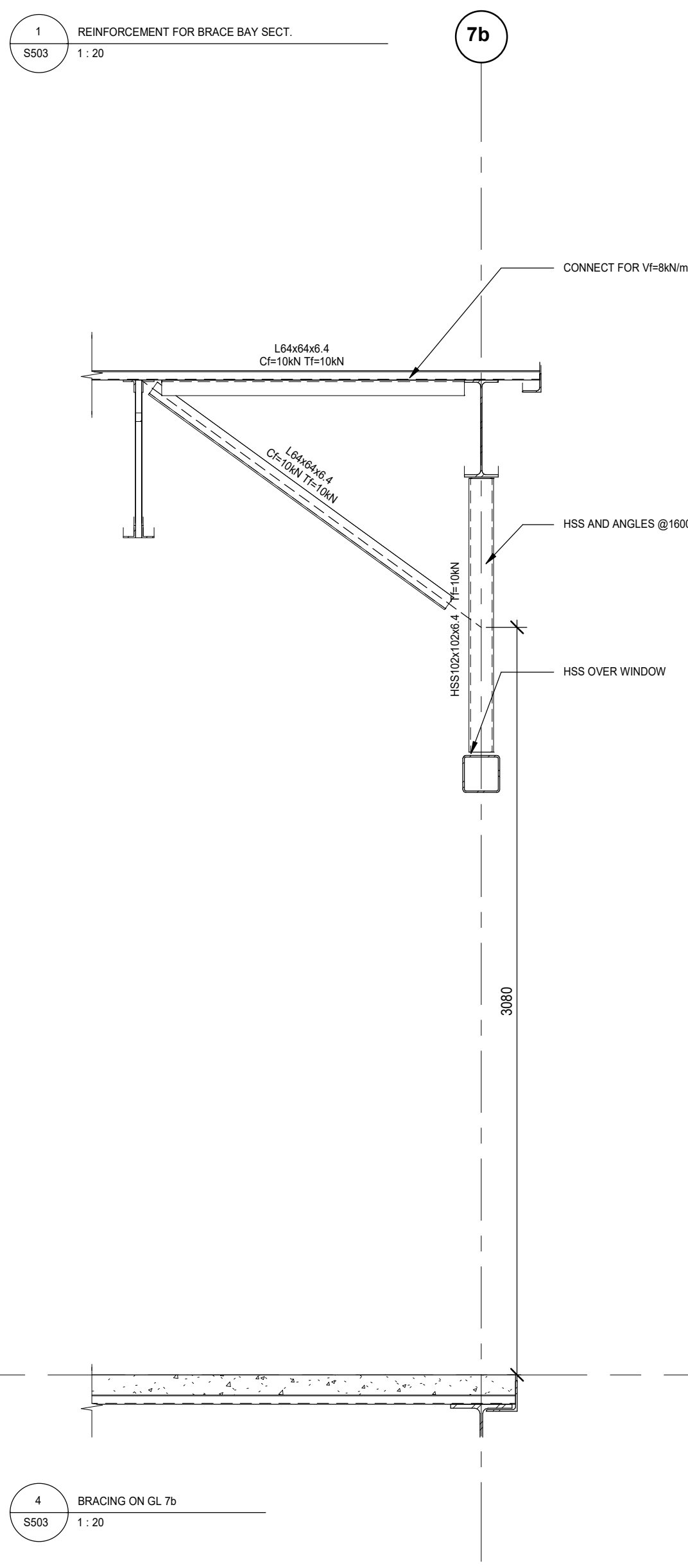
S501



1 REINFORCEMENT FOR BRACE BAY SECT.
S503 1:20

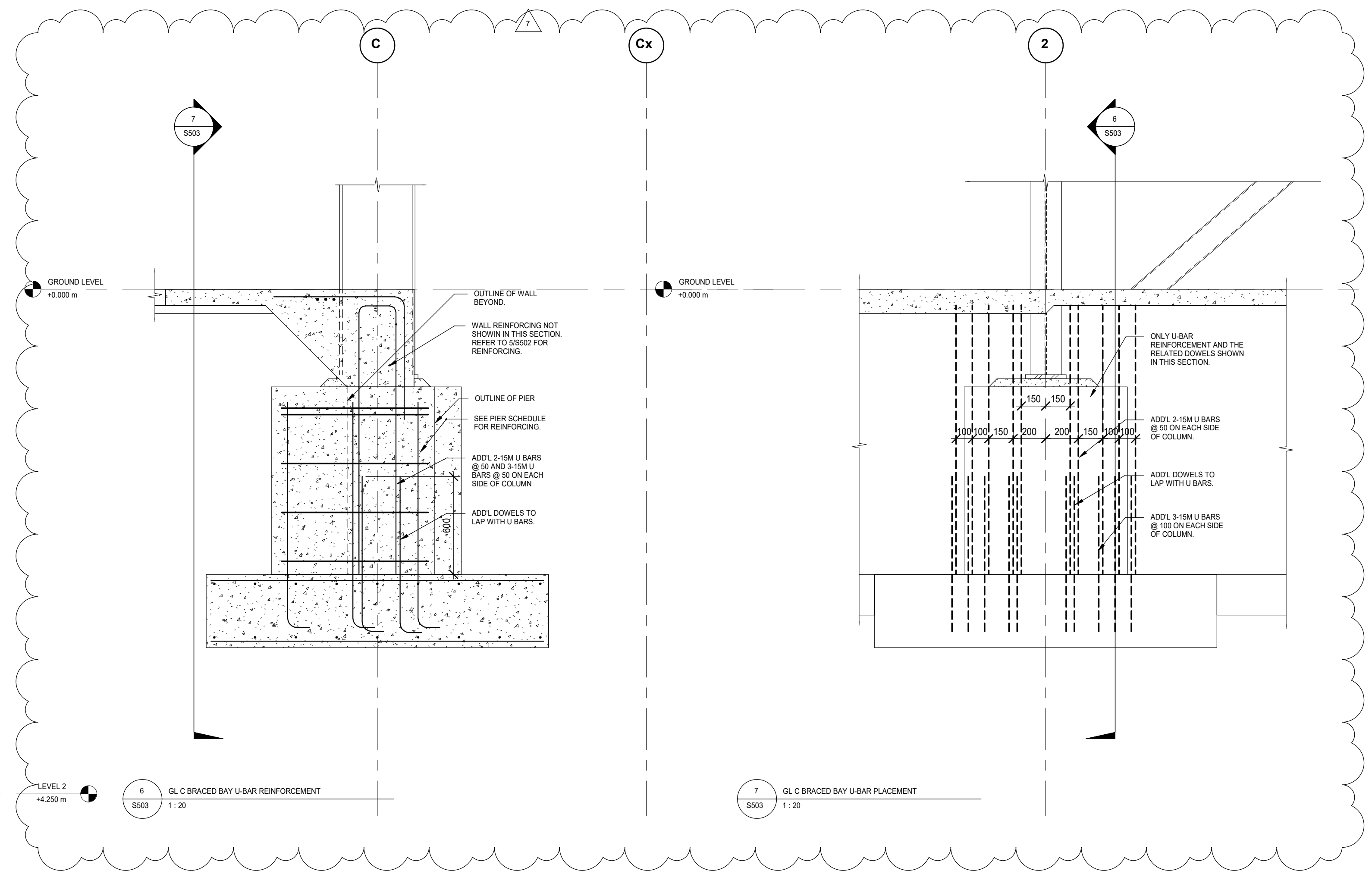
2 GL A BRACED BAY WALL SECT
S503 1:25

3 SHEAR ANCHORS - GL A BRACED BAY
S503 1:20



4 BRACING ON GL 7b
S503 1:20

5 BRACING ON GL A
S503 1:20



6 GL C BRACED BAY U-BAR REINFORCEMENT
S503 1:20

7 GL C BRACED BAY U-BAR PLACEMENT
S503 1:20

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TEL 416.487.8151

PROJECT NAME:
NEW SAYERS FOOD STORE BURLEIGH STREET, APSLEY

PROJECT ADDRESS:
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SEAL:

| | |
|------------------------|---------------------------|
| DRAWN: DM | CHECKED: IFM |
| SCALE: As indicated | PROJECT NUMBER: 210112 |

SHEET TITLE:
DETAILED SECTIONS

S503



Smith + Andersen

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

416 487 8151 f 416 487 9104 smithandandersen.com

ADDENDUM

PROJECT NAME: New Sayers Food Store, Apsley, ON

COMPANY: MJMA

ATTENTION: Andrew Bramm

PROJECT NO.: 21376.000.e001

DATE: 2021-09-27

ADDENDUM NO.: E-03

ISSUED BY: James Back

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.

1.0 SCHEDULES

1.1 Refer to LIGHTING SCHEDULE (included herein)

1.1.1 Add fixture type L27.

1.2 Refer to RP-1A (included herein)

1.2.1 Add 15A-2P breaker to circuits 113 & 115 for Walk-in Dairy Cooler Evaporator.

1.2.2 Add 15A-2P breaker to circuits 117 & 119 for Walk-in Meat Cooler Evaporator.

1.2.3 Add 15A-2P breaker to circuits 121 & 123 for Walk-in Produce Cooler Evaporator.

1.2.4 Add 15A-2P breaker to circuits 125 & 127 for Walk-in Deli Cooler Evaporator.

1.2.5 Add 20A-3P breaker to circuits 129, 131 & 133 for Walk-in Grocery Freezer Evaporator.

1.2.6 Add 20A-3P breaker to circuits 135, 137 & 139 for Walk-in Bakery Freezer Evaporator.

2.0 DRAWINGS

2.1 Refer to E100 - SITE PLAN - ELECTRICAL (included herein)

2.1.1 Revise canopy/garden centre lighting layout as bubbled in attached drawing.

2.1.2 Remove fixture of type L4 as bubbled in attached drawing.

2.1.3 Relocate well pump as bubbled in attached drawing.





2.2 Refer to E300 - GROUND LEVEL - POWER AND SYSTEMS (included herein)





- 2.2.1 Add two(2) receptacles on circuit RP-1A.111 in vestibule as bubbled in attached drawing.
- 2.2.2 Add direct connection to walk-in dairy (122) on circuit RP-1A.113,115 as bubbled in attached drawing.
- 2.2.3 Add direct connection to freezer (120) on circuit RP-1A.129,131,133 as bubbled in attached drawing.
- 2.2.4 Add direct connection to meat cooler (118) on circuit RP-1A.117,119 as bubbled in attached drawing.
- 2.2.5 Add direct connection to walk-in produce (117) on circuit RP-1A.121,123 as bubbled in attached drawing.
- 2.3 Refer to E301 - SECOND LEVEL - POWER AND SYSTEMS (included herein)**
- 2.3.1 Revise locations of electrical room equipment to accommodate duct work as bubbled in attached drawing.
- 2.3.2 Relocate two(2) electric baseboard heaters and add one(1) electric baseboard heater as bubbled in attached drawing.
- 2.4 Refer to E400 - GROUND LEVEL - LIGHTING (included herein)**
- 2.4.1 Revise layout and add one(1) fixture of type L12 to meat display as bubbled in attached drawing.
- 2.4.2 Revise four(4) fixtures of type L12 to be of type L27 as bubbled in attached drawing.
- 2.5 Refer to E401 - SECOND LEVEL - LIGHTING (included herein)**
- 2.5.1 Add one(1) fixture of type L8 over entrance as bubbled in attached drawing.
- 2.5.2 Add three(3) fixtures of type L27 as bubbled in attached drawing.
- 2.5.3 Revise locations of four(4) fixtures of type L20 as bubbled in attached drawing.
- 2.5.4 Add one(1) undercounter fixture of type L26 as bubbled in attached drawing.
- 2.6 Refer to E500 - ENLARGED PLANS (included herein)**
- 2.6.1 Add direct connection to walk-in cooler (113) on circuit RP-1A.125,127 as bubbled in attached drawing.
- 2.6.2 Add direct connection to walk-in freezer (114) on circuit RP-1A.135,137,139 as bubbled in attached drawing.

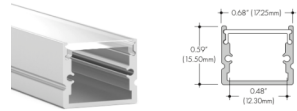


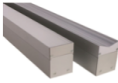

END OF ELECTRICAL ADDENDUM

21376.000.e001.add-e03

Interior Lights

| LIGHT NUMBER | VOLT. | LAMP(S) | LOCATION | TYPE | MINIMUM PERFORMANCE REQUIRED | MANUFACTURER/PART # | LINKS | Image |
|--------------|-------|---------|--------------------------------------|-------------------|------------------------------|---|---|--|
| L12 | 120V | 25W | VESITUBLE DELI/BAKERY | POT LIGHT | 2500 LUMENS | Signify - 6-R-N-Z6RDL-25-**-W-O-CD-Z10-U | https://www.signify.com/api/assets/v1/file/Signify/content/0774a0e71c26439d9299aa3e00d4a06d/EasyLyte-4in-Z4RDL.pdf |  |
| L13 | | | RESERVED | | | | | |
| L14 | 120V | 35W | B.O.H PREP - EXPOSED CLG | LINEAR VAPORTIGHT | 5100 LUMENS | Signify V3W-4-51-**-UNV-DIM | https://www.signify.com/api/assets/v1/file/PhilipsLighting/content/06defc765c854bbea881aa3e00d638f1/V3W_Vaporlume_LED.pdf |  |
| L15 | 120V | 21W | B.O.H PREP - GWB CLG SHOWER/WASHROOM | LINEAR RECESSED | 2000 LUMENS | Lumenwerx. V2SEALR-D-WET-EPDO-SW-80-500-**-4FT-120-D1. Fully sealed | https://lumenwerx.com/wp-content/files/VIA2SEAL-RECESSED-SPEC.pdf |  |
| L16 | 120V | 50W | SERVICE/STORAGE ROOMS | LINEAR SUSPENDE | 5000 LUMENS | Visioneering LCOM-48-LED-8-**-050LC-UNV-P77 w/hanging kit | https://www.viscor.com/en/docs/LCOM_Spec_Sheet_v2.pdf |  |
| L17 | | | RESERVED | | | | | |

| | | | | | | | | |
|-----|------|-----|--------------------------|--------------------|-------------|---|---|--|
| L18 | 120V | | MAIN DOUBLE HEIGHT SPACE | SUSPENDED HIGH BAY | 7771 LUMENS | Low Bay - 3D printed BAL-NAM-S-80S-**-WH200-WR | https://www.tailored.lighting.philips.com/en/BA-Series/ |  |
| L19 | 120V | | DELI/BAKERY | COVE | | Color Kinetics eW Fuse | https://www.colorkinetics.com/global/products/essentialwhite/ewfusepc |  |
| L20 | 120V | 24W | OFFICES CORRIDOR | LINEAR RECESSED | | Lumenwerx. VIA2R-HLO-FH-LED-**-**-**-** **-D1 | https://lumenwerx.com/wp-content/files/VIA2-RECESSED-SPEC.pdf |  |
| L21 | 120V | | STAIR | LINEAR WALL | | Signify CSW-48-**-**-U-DZT-**-** | https://www.signify.com/api/assets/v1/file/PhilipsLighting/content/e7b608e764e848a0bbf3a87f01123374/cubelite_led.pdf |  |
| L22 | | | RESERVED | | | | | |

| | | | | | | | | |
|-----|------|--------------|--------------------------|-----------------------|---------------|---|--|--|
| L23 | | | RESERVED | | | | | |
| L24 | 120V | | UNDER CABINET | LINEAR | | Senso Lighting - 0706 channel with OAK30 LED tape | Extrusion - https://www.luminii.com/wp-content/uploads/z_special_catalog_products/products/0706-channel/specsheets/0706%20channel-specifications.pdf |  |
| L24 | 120V | | UNDER CABINET | LINEAR | | Senso Lighting - 0706 channel with OAK30 LED tape | LED Tape - https://www.luminii.com/wp-content/uploads/z_special_catalog_products/products/oax-30/specsheets/oax30-cct%20(265.65%20lum_ft)-specifications.pdf |  |
| L25 | 120V | 20W 3500K | HIGH BAY PRODUCE DISPLAY | Track | 2000 LUMENS | Onlight RADD0-20-**-90-WFL-1-**-** | https://onlight.ca/en/product/raddo/ |  |
| L26 | 120V | 6W/FT | SHELVING | Low Shelving Lighting | 700 LUMENS/FT | Onlight Line uP LINEUP-7-10-**-90-AM-1-**-*** | https://onlight.ca/en/product/line-up/ |  |
| L27 | 120V | | BISTRO | PENDANT | | Visa Lighting CP4515 | https://www.visalighting.com/sites/default/files/CP4515%20School%20Haus_SPEC.pdf |  |

PANEL: RP-1A
 PROJECT NAME: NEW SAYERS FOOD STORE
 PROJECT #: 21376.000

LOCATION: SERVICE ROOM 121
 FED FROM: SWBD-1A



| TYPE/ INFO | DESCRIPTION | D.F [%] | CONN. LOAD [W] | DEMAND LOAD [W] | BKR [A] | CCT NO. | Φ | CCT NO. | BKR [A] | DEMAND LOAD [W] | CONN. LOAD [W] | D.F [%] | DESCRIPTION | TYPE/ INFO |
|---------------|---------------------------------------|------------|-------------------|--------------------|------------|------------|---|------------|------------|--------------------|-------------------|------------|---------------------------------------|---------------|
| D.C | 001A - 12' PRODUCE COOLER FANS | 75 | 68 | 51 | 15 | 1 | A | 2 | 20 | 292 | 292 | 100 | LTG - PARKING LOT | LTS |
| D.C | 001B - 8' PRODUCE COOLER FANS | 75 | 46 | 34 | 15 | 3 | B | 4 | 20 | 38 | 38 | 100 | LTG - PARKETTE | LTS |
| D.C | 004 - 12' SALAD COOLER FANS | 75 | 68 | 51 | 15 | 5 | C | 6 | 20 | 120 | 120 | 100 | LTG - FAÇADE SERVICE (SOUTH & WEST) | LTS |
| D.C | 035 - CAKE FANS | 75 | 23 | 17 | 15 | 7 | A | 8 | 20 | 586 | 586 | 100 | LTG - FAÇADE & CANOPY (NORTH & EAST) | LTS |
| D.C | 036 - 2 DR BAKERY FREEZER FANS & HEAT | 75 | 503 | 377 | 15 | 9 | B | 10 | 20 | 144 | 144 | 100 | LTG - SIGNAGE & ACCENT (NORTH & EAST) | LTS |
| D.C | 036 - 2 DR BAKERY FREEZER | 75 | 700 | 525 | 15 | 11 | C | 12 | 15 | 200 | 200 | 100 | SAN. TANK CONTROL PANEL | D.C |
| | ELECTRIC DEFROST HEATER | 75 | 700 | 525 | 2P | 13 | A | 14 | 15 | 716 | 716 | 100 | 001/004/035/036/041 - LIGHTS | D.C |
| | SPARE | 75 | 0 | | 15 | 15 | B | 16 | 15 | 668 | 668 | 100 | 044/045 - LIGHTS | D.C |
| D.C | 040 - MEAT DISPLAY | 75 | 1681 | 1260 | 30 | 17 | C | 18 | 15 | | | 100 | 051 - COOLER LIGHTS | D.C |
| | | 75 | 1681 | 1260 | 2P | 19 | A | 20 | 15 | 336 | 336 | 100 | 052 - COOLER LIGHTS | D.C |
| D.C | 040 - MEAT DISPLAY | 75 | 1681 | 1260 | 30 | 21 | B | 22 | 15 | | | 100 | 060 - FREEZER LIGHTS | D.C |
| | | 75 | 1681 | 1260 | 2P | 23 | C | 24 | 15 | | | 100 | 061 - COOLER LIGHTS | D.C |
| D.C | 041 - 12' MEAT SHELF FANS | 75 | 182 | 137 | 15 | 25 | A | 26 | 15 | | | 100 | LOADING DOCK LIGHTS | REC |
| D.C | 041 - 12' MEAT SHELF FANS | 75 | 182 | 137 | 15 | 27 | B | 28 | | | | 100 | | |
| D.C | 044A - 5 DR DAIRY FANS & HEAT | 75 | 344 | 258 | 15 | 29 | C | 30 | | | | 100 | | |
| D.C | 044A - 5 DR DAIRY FANS & HEAT | 75 | 344 | 258 | 15 | 31 | A | 32 | 20 | 950 | 950 | 100 | LTG - LOADING, FOOD PREP, W/R, STAIRS | LTS |
| D.C | 044B - 3 DR DAIRY FANS & HEAT | 75 | 134 | 101 | 15 | 33 | B | 34 | 20 | 350 | 350 | 100 | LTG - SHELVING | LTS |
| D.C | 045 - 5 DR FREEZER FANS & HEAT | 75 | 1904 | 1428 | 20 | 35 | C | 36 | 20 | 1375 | 1375 | 100 | LTG - CHECKOUT, PRODUCE DISPLAY | LTS |
| D.C | 045 - 5 DR FREEZER | 75 | 3499 | 2624 | 25 | 37 | A | 38 | 20 | 280 | 280 | 100 | LTG - TRACK & COVE LIGHTING | LTS |
| | ELECTRIC DEFROST HEATER | 75 | 3499 | 2624 | ↓ | 39 | B | 40 | 30 | 2000 | 2667 | 75 | | |
| | | 75 | 3499 | 2624 | 3P | 41 | C | 42 | ↓ | 2000 | 2667 | 75 | FFH-01-01 | |
| D.C | 045 - 5 DR FREEZER | 75 | 3499 | 2624 | 25 | 43 | A | 44 | 3P | 2000 | 2667 | 75 | | |
| | ELECTRIC DEFROST HEATER | 75 | 3499 | 2624 | ↓ | 45 | B | 46 | | | | 75 | | |
| | | 75 | 3499 | 2624 | 3P | 47 | C | 48 | | | | 75 | | |
| D.C | 045 - 5 DR FREEZER | 75 | 3499 | 2624 | 25 | 49 | A | 50 | | | | 75 | | |
| | ELECTRIC DEFROST HEATER | 75 | 3499 | 2624 | ↓ | 51 | B | 52 | | | | 75 | | |
| | | 75 | 3499 | 2624 | 3P | 53 | C | 54 | | | | 75 | | |
| D.C | 045 - 5 DR FREEZER FANS & HEAT | 75 | 1904 | 1428 | 20 | 55 | A | 56 | 15 | 338 | 450 | 75 | REC - EXTERIOR (WEST) | REC |
| D.C | 045 - 5 DR FREEZER FANS & HEAT | 75 | 1904 | 1428 | 20 | 57 | B | 58 | 15 | | | 75 | LEVELER (LOADING DOCK) | REC |
| D.C | 045 - 5 DR FREEZER FANS & HEAT | 75 | 1904 | 1428 | 20 | 59 | C | 60 | 15 | | | 75 | CONTROL BOX (LOADING DOCK) | D.C |
| D.C | 045 - 5 DR FREEZER | 75 | 3499 | 2624 | 25 | 61 | A | 62 | 15 | | | 75 | OVERHEAD DOOR (LOADING DOCK) | D.C |
| | ELECTRIC DEFROST HEATER | 75 | 3499 | 2624 | ↓ | 63 | B | 64 | 20 | 563 | 750 | 75 | HK REC (LOADING DOCK, SHELVING) | REC |
| | | 75 | 3499 | 2624 | 3P | 65 | C | 66 | 15 | 675 | 900 | 75 | REC (MEAT PREP, PRODUCE PREP, W/R) | REC |
| REC | 046 - CHECKOUT | 75 | 300 | 225 | 15 | 67 | A | 68 | 15 | 450 | 600 | 75 | FLOORBOX (SHELVING) | REC |
| REC | 046 - CHECKOUT | 75 | 300 | 225 | 15 | 69 | B | 70 | 15 | 450 | 600 | 75 | FLOORBOX (SHELVING) | REC |
| REC | 046 - CHECKOUT | 75 | 300 | 225 | 15 | 71 | C | 72 | 20 | 450 | 600 | 75 | HK REC (CHECKOUT, MEAT DISP., STAIR) | REC |
| REC | 046 - CHECKOUT | 75 | 300 | 225 | 15 | 73 | A | 74 | 15 | 338 | 450 | 75 | REC (CHECKOUT) | REC |

PANEL: RP-1A
 PROJECT NAME: NEW SAYERS FOOD STORE
 PROJECT #: 21376.000

LOCATION: SERVICE ROOM 121
 FED FROM: SWBD-1A




| TYPE/ INFO | DESCRIPTION | D.F [%] | CONN. LOAD [W] | DEMAND LOAD [W] | BKR [A] | CCT NO. | Φ | CCT NO. | BKR [A] | DEMAND LOAD [W] | CONN. LOAD [W] | D.F [%] | DESCRIPTION | TYPE/ INFO |
|---------------|---------------------------------------|------------|-------------------|--------------------|------------|------------|---|------------|------------|--------------------|-------------------|------------|-----------------------|---------------|
| REC | 047 - ICE MACHINE | 75 | | | 15 | 75 | B | 76 | 15 | 338 | 450 | 75 | REC (PRODUCE DISPLAY) | REC |
| D.C | 051 - COOLER COILS | 75 | | | 15 | 77 | C | 78 | 15 | 563 | 750 | 75 | REC - EXTERIOR (EAST) | REC |
| D.C | 052 - COOLER COILS | 75 | | | 15 | 79 | A | 80 | 40 | 2100 | 2800 | 75 | AC-02 | |
| D.C | 053 - MEAT GRINDER | 75 | 2764 | 2073 | 40 | 81 | B | 82 | 2P | 2100 | 2800 | 75 | EB-03, EB-04 | |
| | | 75 | 2764 | 2073 | ↓ | 83 | C | 84 | 15 | 675 | 900 | 75 | | |
| | | 75 | 2764 | 2073 | 3P | 85 | A | 86 | 2P | 675 | 900 | 75 | | |
| REC | 056A - MEAT GRINDER | 75 | 5034 | 3775 | 60 | 87 | B | 88 | 20 | 1125 | 1500 | 75 | UH-01 | |
| | | 75 | 5034 | 3775 | ↓ | 89 | C | 90 | 2P | 1125 | 1500 | 75 | | |
| | | 75 | 5034 | 3775 | 3P | 91 | A | 92 | 40 | 2100 | 2800 | 75 | | AC-01 |
| REC | 056B - TENDERIZER ADD-ON | 75 | 460 | 345 | 15 | 93 | B | 94 | 2P | 2100 | 2800 | 75 | | |
| REC | 057 - ELECTRIC MEAT BONE SAW | 75 | 1508 | 1131 | 25 | 95 | C | 96 | 15 | | | 0 | SPARE | |
| | | 75 | 1508 | 1131 | ↓ | 97 | A | 98 | 15 | 675 | 900 | 75 | EB-01, EB-02 | |
| | | 75 | 1508 | 1131 | 3P | 99 | B | 100 | 2P | 675 | 900 | 75 | | |
| D.C | 060 - FREEZER COILS | 75 | | | 15 | 101 | C | 102 | 35 | 2250 | 3000 | 75 | AC-03 (circuit #1) | |
| | | 75 | | | ↓ | 103 | A | 104 | ↓ | 2250 | 3000 | 75 | | |
| | | 75 | | | 3P | 105 | B | 106 | 3P | 2250 | 3000 | 75 | | |
| D.C | 061 - COOLER COILS | 75 | | | 15 | 107 | C | 108 | 45 | 2250 | 3000 | 75 | | |
| REC | 067 - ICE MACHINE | 75 | | | 15 | 109 | A | 110 | ↓ | 2250 | 3000 | 75 | AC-03 (circuit #2) | |
| REC | VESTIBULE RECEPTACLES | 75 | | | 15 | 111 | B | 112 | 3P | 2250 | 3000 | 75 | | |
| D.C | WALK-IN DAIRY COOLER EVAPORATOR | 100 | | | 15 | 113 | C | 114 | 20 | 1125 | 1500 | 75 | UH-02 | |
| | | 100 | | | 2P | 115 | A | 116 | 2P | 1125 | 1500 | 75 | | |
| D.C | WALK-IN MEAT COOLER EVAPORATOR | 100 | | | 15 | 117 | B | 118 | | | | 100 | | |
| | | 100 | | | 2P | 119 | C | 120 | | | | 100 | | |
| D.C | WALK-IN PRODUCE COOLER EVAPORATOR | 100 | | | 15 | 121 | A | 122 | | | | 100 | | |
| | | 100 | | | 2P | 123 | B | 124 | | | | 100 | | |
| D.C | WALK-IN DELI COOLER EVAPORATOR | 100 | | | 15 | 125 | C | 126 | | | | 100 | | |
| | | 100 | | | 2P | 127 | A | 128 | | | | 100 | | |
| D.C | WALK-IN GROCERY FREEZER EVAPORATOR | 100 | | | 20 | 129 | B | 130 | | | | 100 | | |
| | | 100 | | | ↓ | 131 | C | 132 | | | | 100 | | |
| | | 100 | | | 3P | 133 | A | 134 | | | | 100 | | |
| D.C | WALK-IN BAKERY FREEZER EVAPORATOR | 100 | | | 20 | 135 | B | 136 | | | | 100 | | |
| | | 100 | | | ↓ | 137 | C | 138 | | | | 100 | | |
| | | 100 | | | 3P | 139 | A | 140 | | | | 100 | | |
| | | 100 | | | | 141 | B | 142 | | | | 100 | | |
| | | 100 | | | | 143 | C | 144 | | | | 100 | | |

PANEL OPTIONS:

LOAD A [KW]: 39.1

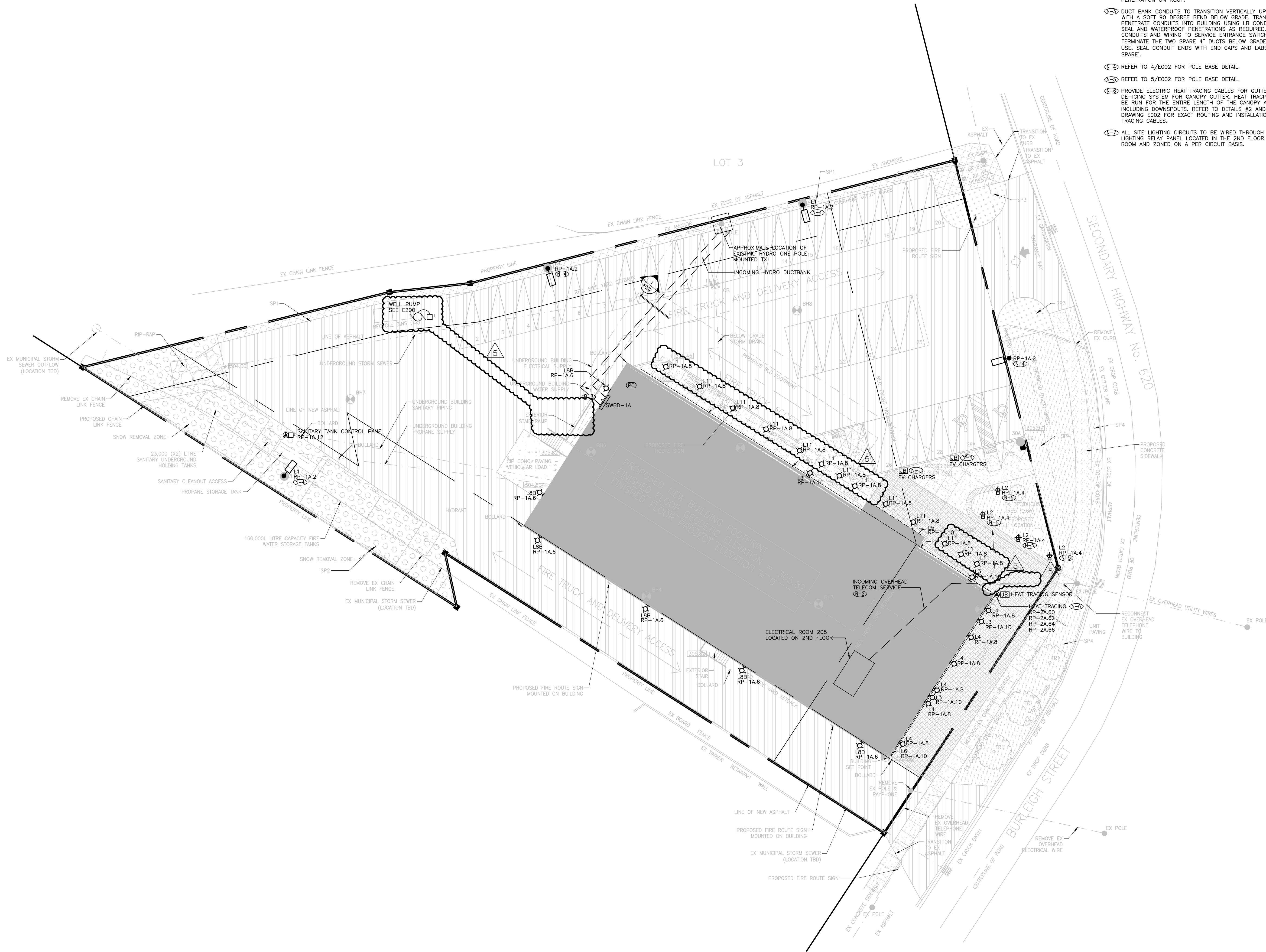
PHASE VOLTAGE [V]:

120

| | | | | | | | | | | | | | | |
|---|--|--|--|----------------------------|--|--|--|--|--|---|--|--|--|--|
| PANEL: RP-1A | | | | LOCATION: SERVICE ROOM 121 | | | | | | Smith + Andersen  | | | | |
| PROJECT NAME: NEW SAYERS FOOD STORE PROJECT #: 21376.000 | | | | FED FROM: SWBD-1A | | | | | | | | | | |

| TYPE/ INFO | DESCRIPTION | D.F [%] | CONN. LOAD [W] | DEMAND LOAD [W] | BKR [A] | CCT NO. | Φ | CCT NO. | BKR [A] | DEMAND LOAD [W] | CONN. LOAD [W] | D.F [%] | DESCRIPTION | TYPE/ INFO |
|-------------------------------------|------------------------|-------------------------------------|-------------------|--------------------|------------|------------|---|------------|------------|--------------------|-------------------|------------|-------------------|---------------|
| 2 | :CSA ENCLOSURE RATING | <input checked="" type="checkbox"/> | FLUSH | | | | | | | LOAD B [KW]: 36.4 | | | LINE VOLTAGE [V]: | 208 |
| <input type="checkbox"/> | FEED THROUGH | <input type="checkbox"/> | SURFACE | | | | | | | LOAD C [KW]: 36.7 | | | PHASE: | 3Φ |
| <input type="checkbox"/> | SUB-FEED | <input checked="" type="checkbox"/> | BOLT-ON BREAKER | | | | | | | TOTAL [KW]: 112 | | | WIRE: | 4 |
| <input checked="" type="checkbox"/> | MAIN BREAKER | <input type="checkbox"/> | SPD | | | | | | | CURRENT A [A]: 326 | | | MAINS [A]: | 400 |
| <input type="checkbox"/> | 200% RATED NEUTRAL BUS | <input type="checkbox"/> | | | | | | | | CURRENT B [A]: 304 | | | MAIN BREAKER [A]: | 400 |
| <input type="checkbox"/> | ISOLATED GROUND BUS | <input type="checkbox"/> | | | | | | | | CURRENT C [A]: 306 | | | I.C. [kA]: | 25 |

| LEGEND: | | | | NOTES: | |
|---------------------------------------|----------------------|---|--|---------------|---|
| BAS-Building Automation System | R.C-Relay Controlled | LTS-Lighting | | | 1. Panel Enclosure To Be Sprinklerproof. 2. Panels greater than 66 circuits to be double tub. 3. Surge Protection Device (SPD) to be in a separate barriered enclosure with separate cover. |
| GFCI-Ground Fault Circuit Interrupter | M-Motor | HID-High Intensity Discharge Lighting Breaker | | | |
| AFCI-Arc Fault Circuit Interrupter | D.F-Demand Factor | D.C-Direct Connection | | | |
| SPD - Surge Protection Device | REC-Receptacle | | | | |
| BLO-Breaker Lock-On Device | | | | | |



- DRAWING NOTES**
- (N-1) PROVIDE 2" CONDUIT ROUGH-INS C/W PULLSTRINGS FOR LEVEL 2 EV CHARGERS. CONDUITS TO TERMINATE IN FLUSH MOUNTED WEATHERPROOF JUNCTION BOX. RUN CONDUITS BACK TO SWBD-1A.
 - (N-2) INCOMING OVERHEAD TELECOM SERVICE TO ELECTRICAL ROOM 208. ELECTRICAL CONTRACTOR TO PROVIDE WEATHERPROOF GOOSENECK PENETRATION ON ROOF.
 - (N-3) DUCT BANK CONDUITS TO TRANSITION VERTICALLY UP EXTERIOR WALL WITH A SOFT 90 DEGREE BEND BELOW GRADE. TRANSITION AND PENETRATE CONDUITS INTO BUILDING USING LB CONDUIT FITTINGS; SEAL AND WATERPROOF PENETRATIONS AS REQUIRED. TERMINATE CONDUITS AND WIRING TO SERVICE ENTRANCE SWITCHBOARD. TERMINATE THE TWO SPARE 4" DUCTS BELOW GRADE FOR FUTURE USE. SEAL CONDUIT ENDS WITH END CAPS AND LABEL AS 'FUTURE SPARE'.
 - (N-4) REFER TO 4/E002 FOR POLE BASE DETAIL.
 - (N-5) REFER TO 5/E002 FOR POLE BASE DETAIL.
 - (N-6) PROVIDE ELECTRIC HEAT TRACING CABLES FOR GUTTER AND ROOF DE-ICING SYSTEM FOR CANOPY GUTTER. HEAT TRACING CABLES TO BE RUN FOR THE ENTIRE LENGTH OF THE CANOPY ALONG BUILDING, INCLUDING DOWNSPOUTS. REFER TO DETAILS #2 AND #3 ON DRAWING E002 FOR EXACT ROUTING AND INSTALLATION OF HEAT TRACING CABLES.
 - (N-7) ALL SITE LIGHTING CIRCUITS TO BE WIRED THROUGH EXTERIOR LIGHTING RELAY PANEL LOCATED IN THE 2ND FLOOR ELECTRICAL ROOM AND ZONED ON A PER CIRCUIT BASIS.

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.

| REVISIONS AND ISSUES | | | |
|----------------------|----------------------------|------------|----|
| 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-E03 | 2021.09.27 | |
| 6 | | | |
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| 8 | | | |

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NORTH ARROW [Symbol] **SEAL** [Symbol]

PROJECT TITLE
 NEW SAYERS FOOD STORE
 BURLINGHAM STREET, APSLEY

DRAWING TITLE
 SITE PLAN - ELECTRICAL

SCALE
 1:200

DATE
 JUNE 16, 2021

PROJECT NUMBER
 21376.000.e001

DRAWING NUMBER
 E100

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.

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| 5 | ISSUED FOR ADD-E03 | 2021.09.27 | |
| 6 | | | |
| 7 | | | |
| 8 | | | |

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PROJECT TITLE
NEW SAYERS FOOD STORE
BURLINGHAM STREET, APSLEY

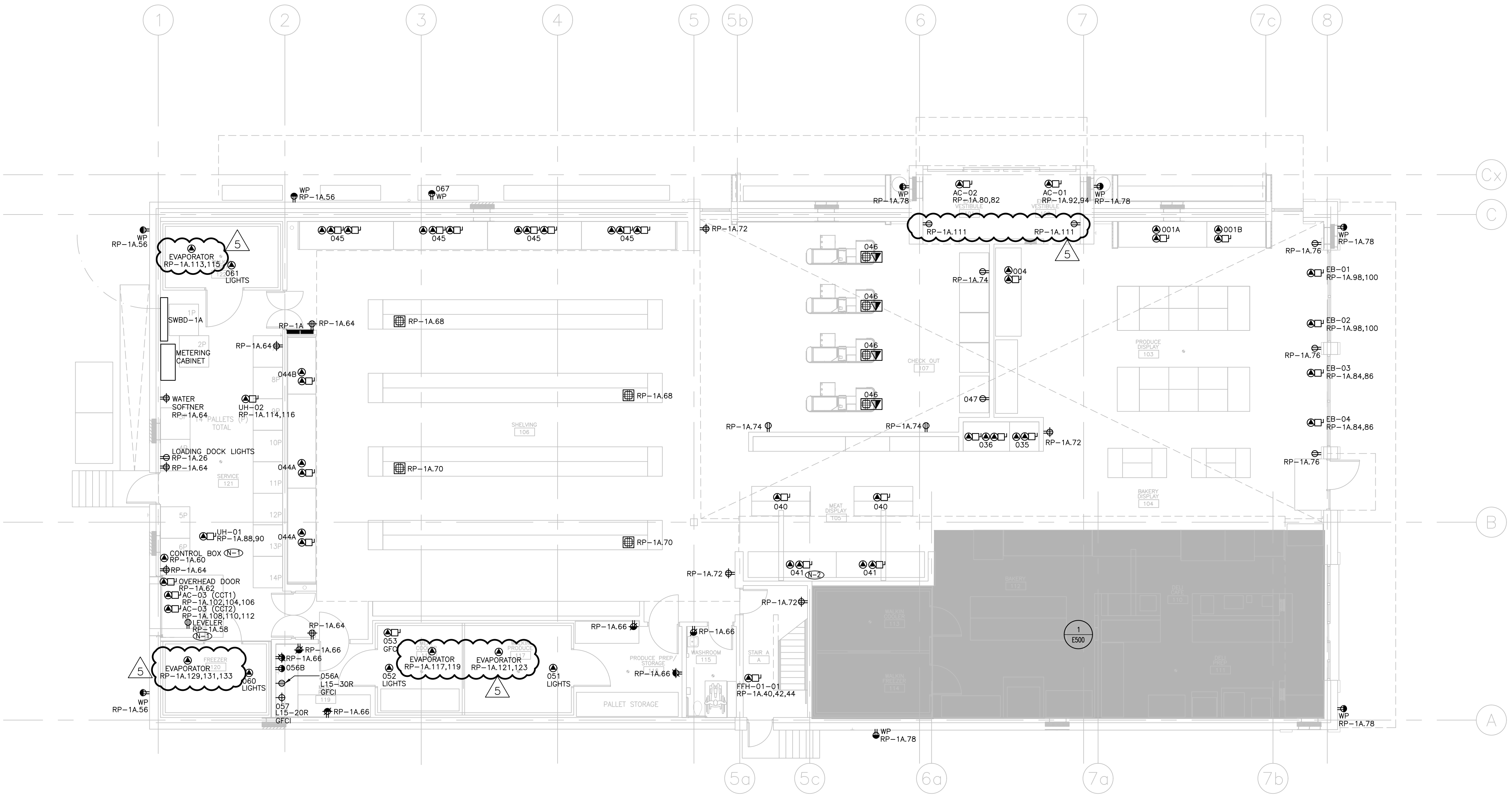
DRAWING TITLE
GROUND LEVEL - POWER
AND SYSTEMS

SCALE
1:100

DATE
JUNE 16, 2021

PROJECT NUMBER
21376.000.e001

DRAWING NUMBER
E300



| EQUIPMENT SCHEDULE | | | | | | | | | | | | | | |
|--------------------|-----|-----------------------|----------------------------------|-------|--|------------|-------------|------------|-------|----------|-------------------|--------------------|---------|---------|
| LEVEL: | | | | | | | | | | | | | | |
| ITEM NO. | QTY | LOCATION | DESCRIPTION | PANEL | CIRCUIT NUMBER | CONNECTION | VOLTAGE (V) | CYCLE (HZ) | PHASE | AMPS (A) | HP | CONNECTED LOAD (W) | MOP (A) | MCA (A) |
| 001A | 1 | 103 - PRODUCE DISPLAY | 12' PRODUCE COOLER | RP-1A | 1 | DC | 120 | 60 | 1 | 0.57 | | 60 | 15 | 0.62 |
| | | | FANS | RP-1A | 14 | DC | 120 | 60 | 1 | 0.72 | | 86.4 | | |
| | | | LIGHTS | RP-1A | 3 | DC | 120 | 60 | 1 | 0.38 | | 45 | 15 | 0.43 |
| 001B | 1 | 103 - PRODUCE DISPLAY | 8' PRODUCE COOLER | RP-1A | 14 | DC | 120 | 60 | 1 | 0.48 | | 57.6 | | |
| | | | FANS | RP-1A | 5 | DC | 120 | 60 | 1 | 0.57 | | 45 | 15 | 0.62 |
| 004 | 1 | 103 - PRODUCE DISPLAY | 12' SALAD COOLER | RP-1A | 14 | DC | 120 | 60 | 1 | 2.25 | | | | |
| | | | FANS | RP-1A | 7 | DC | 120 | 60 | 1 | 0.19 | | 15 | 15 | 0.23 |
| | | | LIGHTS | RP-1A | 14 | DC | 120 | 60 | 1 | 0.41 | | | | |
| 035 | 1 | 105 - MEAT DISPLAY | 2 DOOR MEAT DISPLAY | RP-1A | 9 | DC | 120 | 60 | 1 | 4.38 | | | | |
| | | | FANS | RP-1A | 14 | DC | 120 | 60 | 1 | 0.36 | | 43.2 | | |
| | | | LIGHTS | RP-1A | 11, 13 | DC | 208 | 60 | 1 | 6.72 | | 1400 | | |
| 040 | 2 | 105 - MEAT DISPLAY | 2 DOOR BAKERY FREEZER | RP-1A | 17, 19 | DC | 208 | 60 | 1 | 8.08 | | | | |
| | | | ELECTRIC DEFROST HEATER | RP-1A | 22, 22 | DC | 208 | 60 | 1 | 1.52 | | | | |
| 041 | 2 | 105 - MEAT DISPLAY | MEAT BUNKER | RP-1A | 25 | DC | 120 | 60 | 1 | 1.75 | | | | |
| | | | FANS | RP-1A | 14 | DC | 120 | 60 | 1 | 1.75 | | | | |
| | | | LIGHTS | RP-1A | 29 | DC | 120 | 60 | 1 | 2.87 | | | | |
| 044A | 2 | 106 - SHELVING | 5 DOOR DAIRY SHELVING | RP-1A | 56 | DC | 120 | 60 | 1 | 0.84 | | 100.5 | | |
| | | | FANS & HEAT | RP-1A | 53 | DC | 120 | 60 | 1 | 3.12 | | | | |
| | | | LIGHTS | RP-1A | 16 | DC | 120 | 60 | 1 | 0.53 | | 63.8 | | |
| 044B | 1 | 106 - SHELVING | 3 DOOR DAIRY SHELVING | RP-1A | 55 | DC | 120 | 60 | 1 | 15.87 | | | | |
| | | | FANS & HEAT | RP-1A | 57 | DC | 120 | 60 | 1 | 0.84 | | 100.5 | | |
| | | | LIGHTS | RP-1A | 16 | DC | 120 | 60 | 1 | 0.84 | | 100.5 | | |
| 045 | 4 | 106 - SHELVING | 5 DOOR FREEZER SHELVING | RP-1A | 37, 39, 41, 43, 44, 45, 47, 49, 51, 53, 55, 57, 59 | DC | 208 | 60 | 3 | 16.82 | | 3500 | | |
| | | | ELECTRIC DEFROST HEATER | RP-1A | 67 | DC | 120 | 60 | 1 | 2.5 | | | | |
| 046 | 4 | 107 - CHECKOUT | CHECKOUT | RP-1A | 69, 71, 73 | FLOORBOX | 120 | 60 | 1 | | | | | |
| 047 | 1 | 107 - CHECKOUT | ICE MACHINE | RP-1A | 75 | NEMA 5-15R | 120 | 60 | 1 | | | | | |
| 051 | 1 | 117 - WALKIN PRODUCE | COOLER | RP-1A | 58 | DC | 120 | 60 | 1 | | | | | |
| | | | LIGHTS | RP-1A | 77 | DC | 120 | 60 | 1 | | | | | |
| 052 | 1 | 118 - MEAT COOLER | COOLER | RP-1A | 20 | DC | 120 | 60 | 1 | | | | | |
| | | | LIGHTS | RP-1A | 79 | DC | 120 | 60 | 1 | | | | | |
| 053 | 1 | 118 - MEAT COOLER | MEAT GRINDER | RP-1A | 81, 83, 85 | DC | 208 | 60 | 3 | 13.29 | 5 | 2660 | | |
| 056A | 1 | 119 - MEAT PREP | MEAT GRINDER | RP-1A | 87, 89, 91 | L15-30R | 208 | 60 | 3 | | 7.5 (GRIND 1 MIN) | | | |
| 056B | 1 | 119 - MEAT PREP | MEAT GRINDER - TENDERIZER ADD-ON | RP-1A | 93 | NEMA 5-15R | 120 | 60 | 1 | 4 | 1/2 | 460 | | |
| 057 | 1 | 119 - MEAT PREP | MEAT BONE SAW, ELECTRIC | RP-1A | 95, 97, 99 | L15-20R | 208 | 60 | 3 | 7.25 | 3 | 1595 | | |
| 060 | 1 | 120 - FREEZER | FREEZER | RP-1A | 22 | DC | 120 | 60 | 1 | | | | | |
| | | | LIGHTS | RP-1A | 101, 103, 105 | DC | 208 | 60 | 1 | | | | | |
| 061 | 1 | 121 - WALKIN DAIRY | COOLER | RP-1A | 24 | DC | 120 | 60 | 1 | | | | | |
| | | | LIGHTS | RP-1A | 107 | DC | 120 | 60 | 1 | | | | | |
| 067 | 1 | 000 - EXTERIOR | ICE MACHINE | RP-1A | 109 | NEMA 5-15R | 120 | 60 | 1 | | | | | |

GENERAL NOTES:

(1) RECEPTACLE FOR AIR ACTIVATED LEVELER TO BE FLUSH MOUNTED AND WIRED THROUGH THE PUSH BUTTON STATION PER LEVELER'S USER MANUAL WIRING DIAGRAM. ELECTRICAL CONTRACTOR TO PROVIDE 3/4" CONDUITS FROM RECEPTACLE TO CONTROL BOX. CONDUITS AND RECEPTACLE TO BE SET BEFORE POURING CONCRETE.

(2) REFER TO EQUIPMENT SCHEDULE FOR ITEM NUMBER AND CORRESPONDING CIRCUIT NUMBER(S). TYPICAL.

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.

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| 6 | ISSUED FOR ADD-E03 | 2021.09.27 | |
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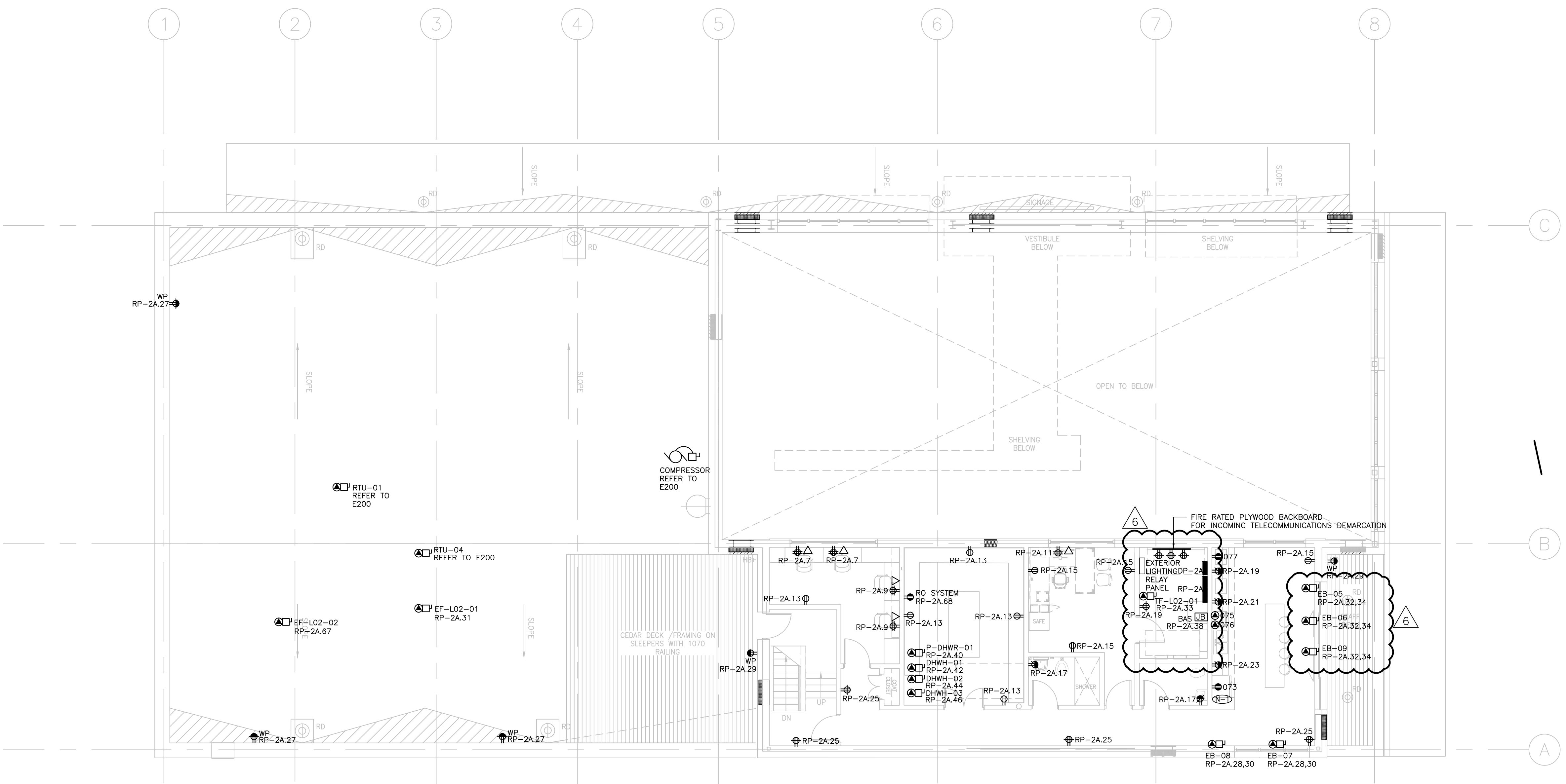
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PROJECT TITLE
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 BURLEIGH STREET, APSLEY

DRAWING TITLE
 SECOND LEVEL - POWER
 AND SYSTEMS

SCALE
 1:100

DATE
 JUNE 16, 2021

| EQUIPMENT SCHEDULE | | | | | | | | | | | | | | |
|--------------------|-----|--------------------|--------------------------------------|-------|----------------|-----------------|-------------|------------|-------|----------|----|--------------------|----------|----------|
| LEVEL 2 | | | | | | | | | | | | | | |
| ITEM NO. | QTY | LOCATION | DESCRIPTION | PANEL | CIRCUIT NUMBER | CONNECTION TYPE | VOLTAGE (V) | CYCLE (HZ) | PHASE | AMPS (A) | HP | CONNECTED LOAD (W) | SHOP (A) | MCA (A) |
| 073 | 1 | 202 - STAFF LOUNGE | RESIDENTIAL BRIDGE | RP-2A | 1 | NEMA 5-15R | 120 | 60 | 1 | | | | | 15 OR 20 |
| 075 | 1 | 203 - STAFF LOUNGE | STOVE - STANDARD ELECTRIC RANGE/OVEN | RP-2A | 56&1,63 | DC | 208 | 60 | 3 | | | | | 50 |
| 076 | 1 | 203 - STAFF LOUNGE | STOVE - WOOD | RP-2A | 65 | DC | 320 | 60 | 1 | | | | | 15 |
| 077 | 1 | 204 - STAFF LOUNGE | MICROWAVE | RP-2A | 3 | NEMA 5-15R | 120 | 60 | 1 | 13 | | 1300 | | |

PROJECT NUMBER
 21376.000.e001

DRAWING NUMBER
 E301

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.

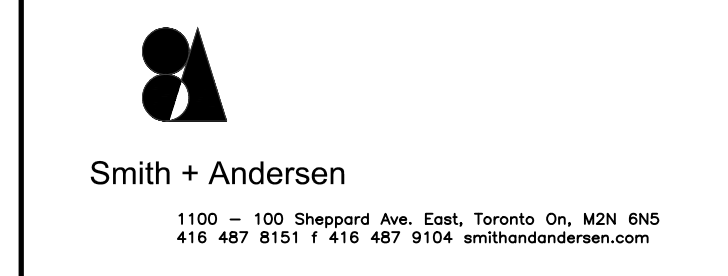
| REV | DESCRIPTION | DATE | BY |
|-----|----------------------------|------------|----|
| 1 | ISSUED FOR COSTING | 2021.08.17 | |
| 2 | ISSUED FOR TENDER | 2021.08.27 | |
| 3 | ISSUED FOR BUILDING PERMIT | 2021.09.09 | |
| 4 | ISSUED FOR ADD-E03 | 2021.09.27 | |
| 5 | | | |
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| 7 | | | |
| 8 | | | |

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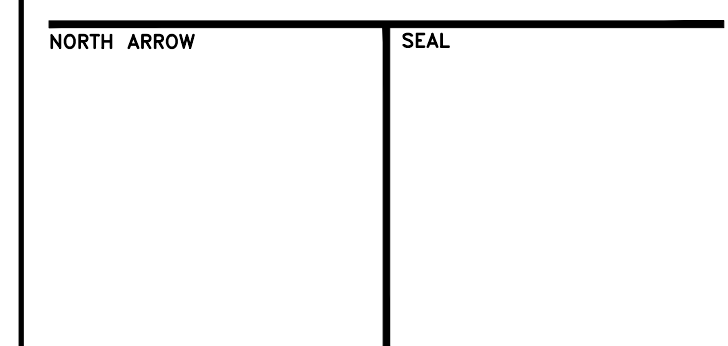
TRITON ENGINEERING SERVICES LTD
 CIVIL ENGINEERS
 18 ROBB BOULEVARD - UNIT 8
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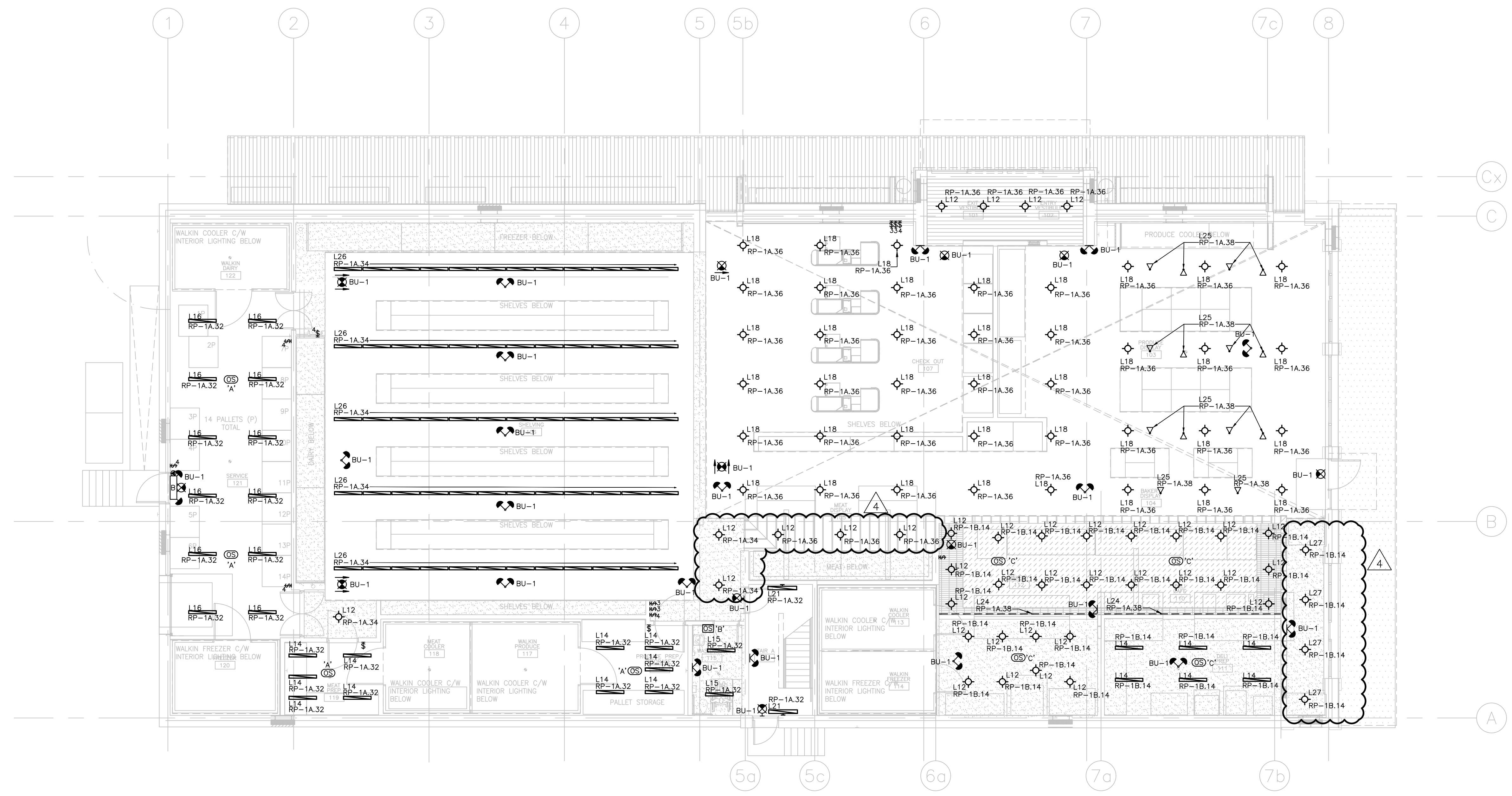
PROJECT TITLE
**NEW SAYERS FOOD STORE
 BURLINGHAM STREET, APSLEY**

DRAWING TITLE
GROUND LEVEL - LIGHTING

SCALE
 1:100
 DATE
JUNE 16, 2021

PROJECT NUMBER
21376.000.e001
 DRAWING NUMBER

E400



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.

REVISIONS AND ISSUES

| 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-E03 | 2021.09.27 | |
| 5 | | | |
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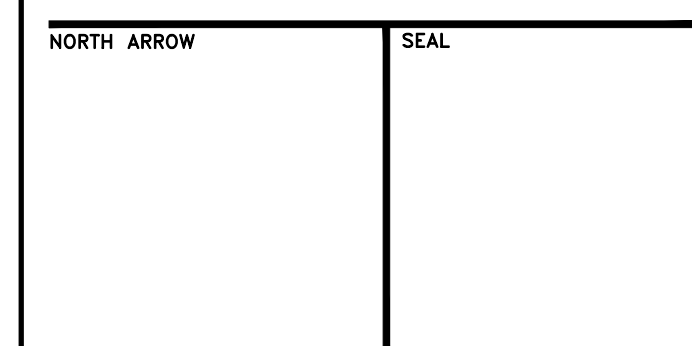


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PROJECT TITLE
**NEW SAYERS FOOD STORE
 BURLEIGH STREET, APSLEY**

DRAWING TITLE
SECOND LEVEL - LIGHTING

SCALE

1:100

DATE

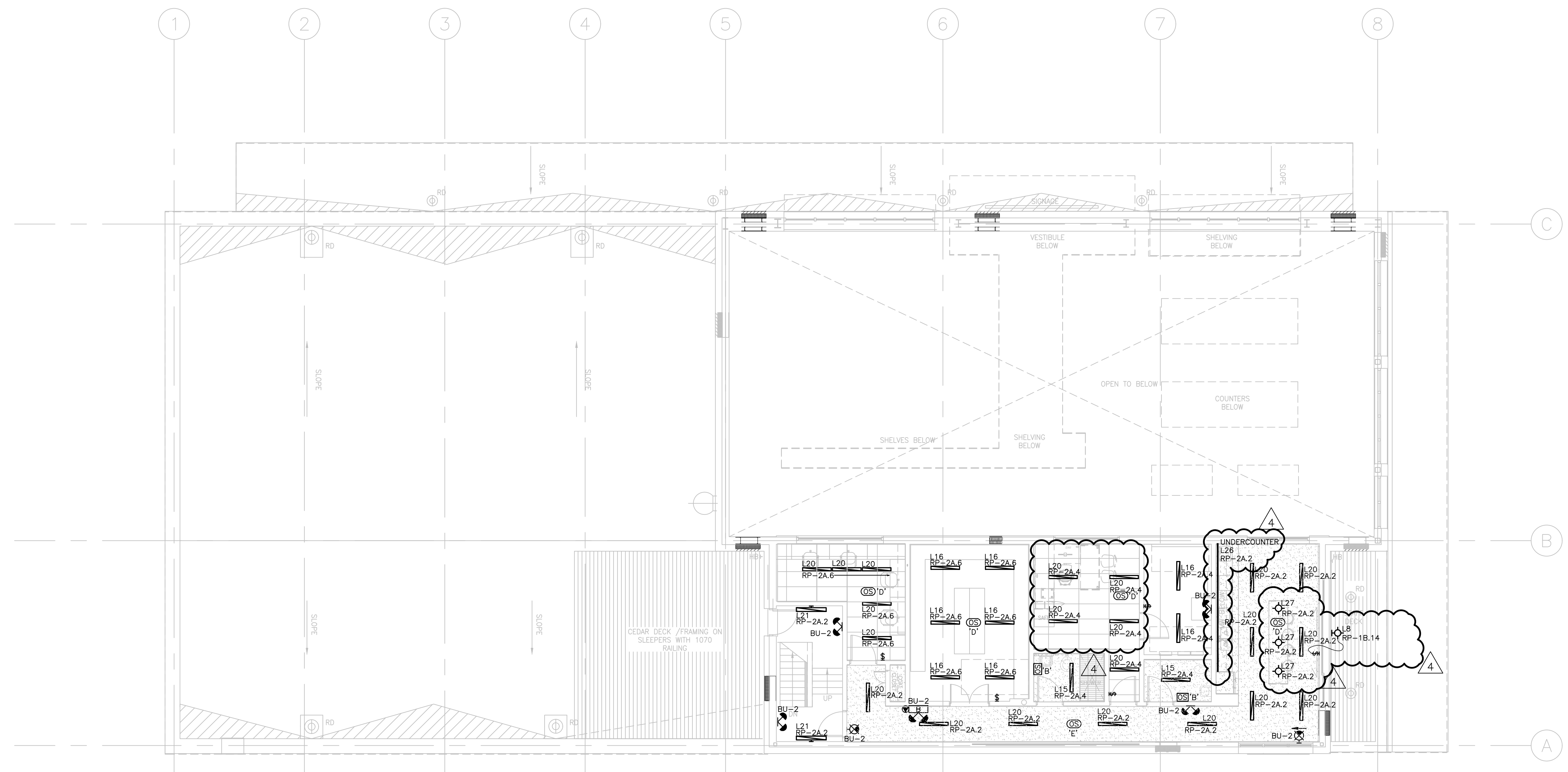
JUNE 16, 2021

PROJECT NUMBER

21376.000.e001

DRAWING NUMBER

E401



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.

REVISIONS AND ISSUES

| 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-E03 | 2021.09.27 | |
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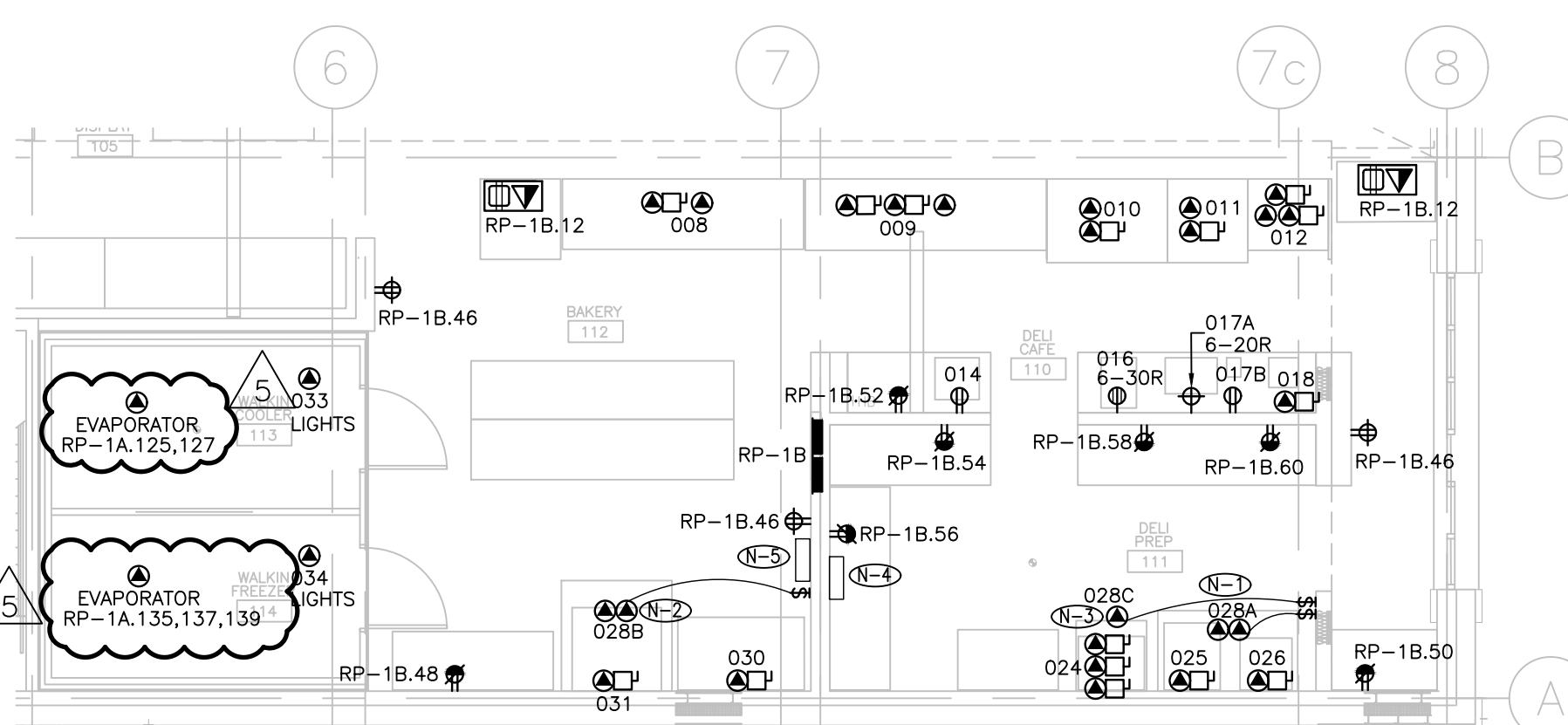
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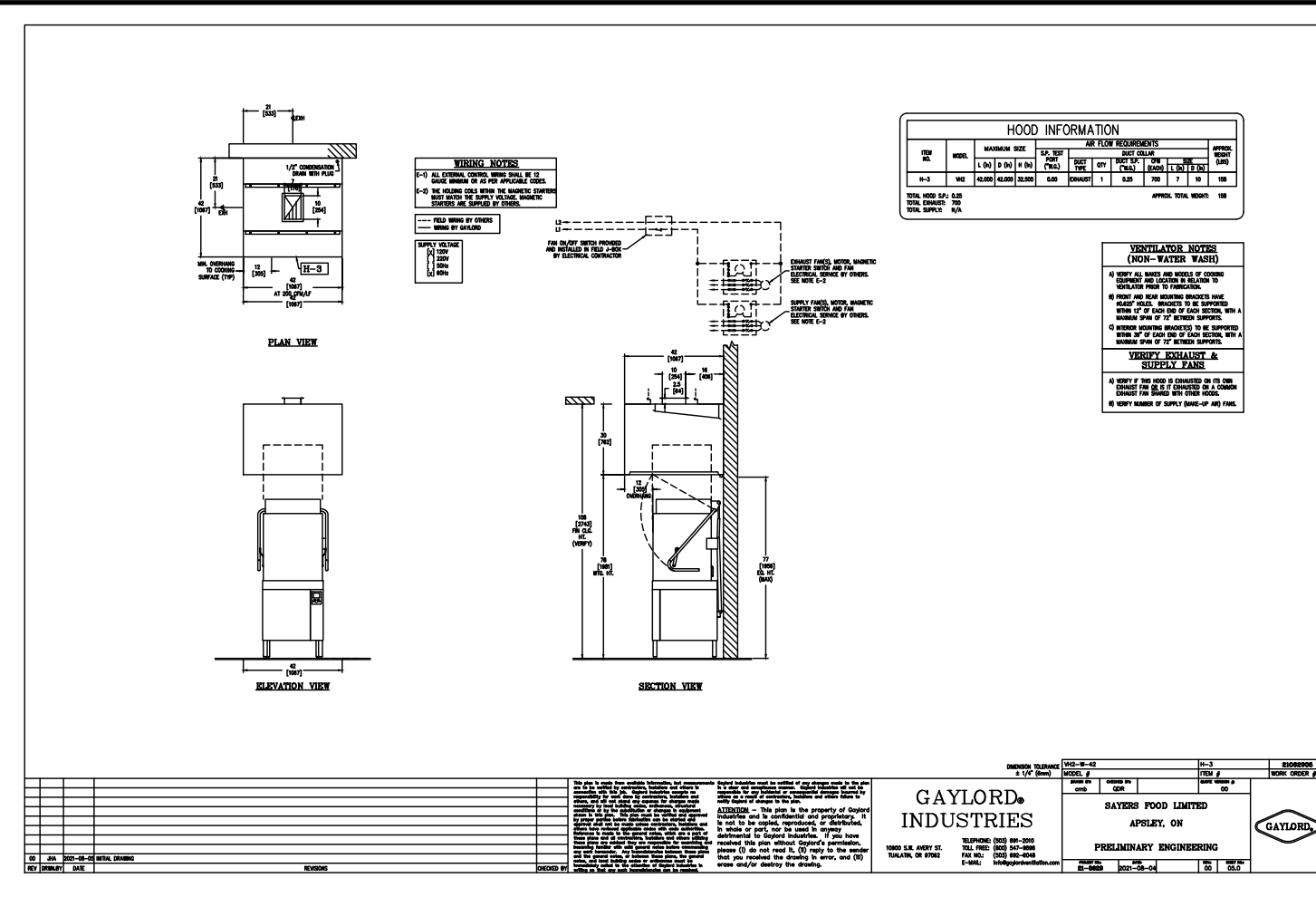
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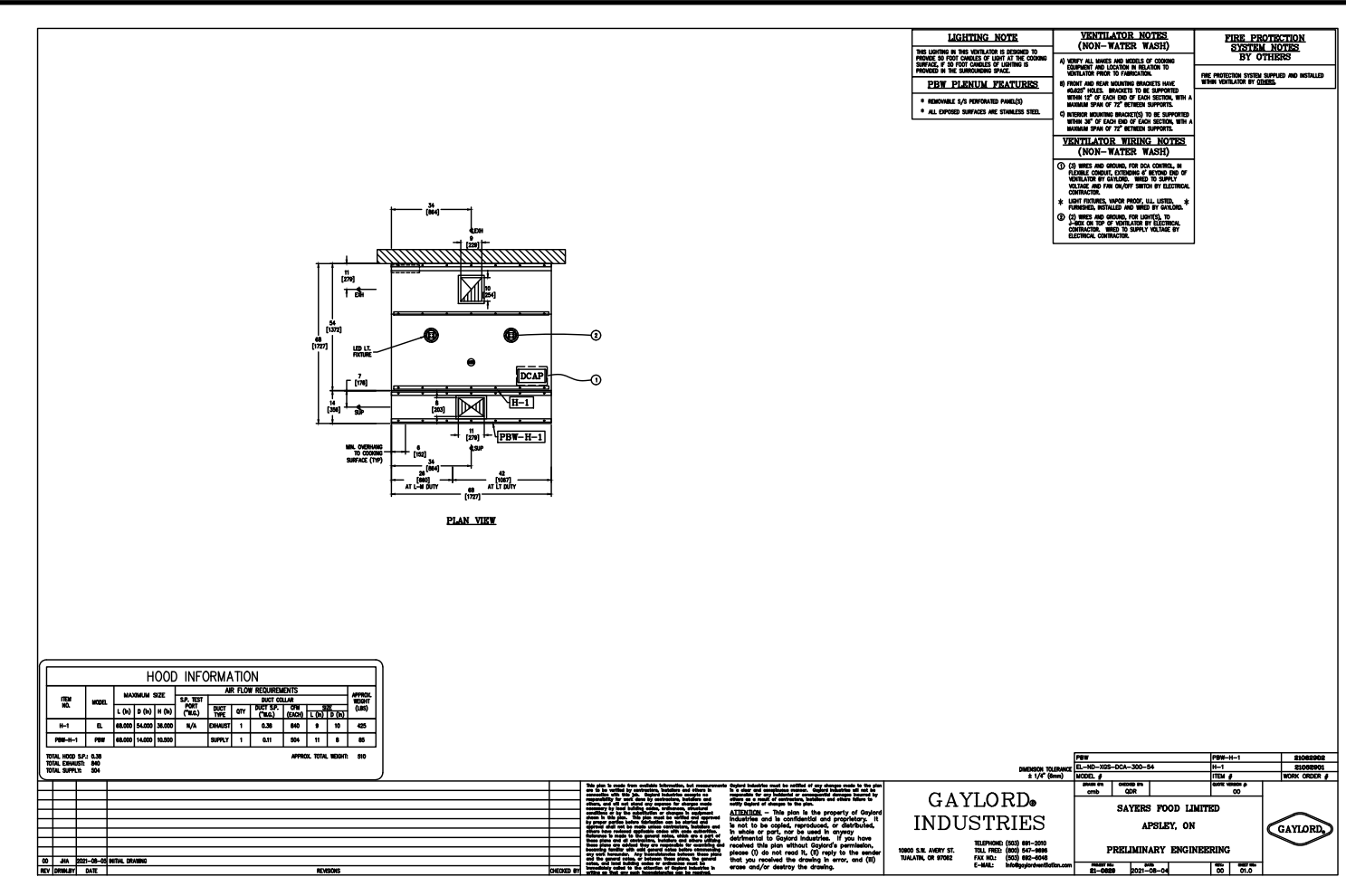
| EQUIPMENT SCHEDULE | | | | | | | | | | | | | | | |
|-------------------------|-----|--------------------|-------------------------------------|----------|----------------|-----------------|-------------|------------|-------|----------|-----|--------------------|---------|---------|------------------------------------|
| LEVEL 1 - DELI & BAKERY | | | | | | | | | | | | | | | |
| ITEM NO. | QTY | LOCATION | DESCRIPTION | PANEL | CIRCUIT NUMBER | CONNECTION TYPE | VOLTAGE (V) | CYCLE (HZ) | PHASE | AMPS (A) | HP | CONNECTED LOAD (W) | MOP (A) | MCA (A) | ELECTRICAL REMARKS |
| 008 | 1 | 110-DELI CAFE | 12' DELI SELF SERVE | RP-1B | 1 | DC | 120 | 60 | 1 | 0.57 | | 45 | 15 | 0.59 | |
| | | | LIGHTS | RP-1B | 2 | DC | 120 | 60 | 1 | 1.75 | | | 15 | | |
| 009 | 3 | 110-DELI CAFE | MEAT & CHEESE | RP-1B | 3 | DC | 120 | 60 | 1 | 1.2 | | 117.6 | 15 | 1.23 | |
| | | | LIGHTS | RP-1B | 2 | DC | 120 | 60 | 1 | 1.5 | | | 15 | | |
| | | | SCALES | RP-1B | 5 | DC | 120 | 60 | 1 | | | | 15 | | |
| 010 | 1 | 110-DELI CAFE | SUB SERV | RP-1B | 7 | DC | 120 | 60 | 1 | 0.48 | | 42 | 15 | 0.51 | |
| | | | LIGHTS | RP-1B | 2 | DC | 120 | 60 | 1 | 0.36 | | | 15 | | |
| 011 | 3 | 110-DELI CAFE | HOT SRVC | RP-1B | 9 | DC | 120 | 60 | 1 | 9.49 | | 1127 | 15 | | |
| | | | FANS & HOT PLATE | RP-1B | 2 | DC | 120 | 60 | 1 | 0.24 | | | 15 | | |
| | | | LIGHTS | RP-1B | 11 | DC | 120 | 60 | 1 | 10.8 | | 1291.6 | 15 | | |
| 012 | 1 | 110-DELI CAFE | HOT SS | RP-1B | 2 | DC | 120 | 60 | 1 | 0.2 | | | 15 | | |
| | | | FANS & HOT PLATE | RP-1B | 13 | DC | 120 | 60 | 1 | | | | 15 | | |
| 014 | 2 | 110-DELI CAFE | MEAT SLICER | RP-1B | 15 | NEMA 5-15R | 120 | 60 | 1 | 5.6 | 1/2 | 672 | 15 | | ONE (1) MEAT SLICER WILL BE MOBILE |
| 016 | 1 | 110-DELI CAFE | TURBO CHEF | RP-1B | 17,19 | NEMA 6-30R | 208 | 60 | 1 | | | 5990 | 30 | | |
| 017A | 1 | 110-DELI CAFE | ESPRESSO MACHINE | RP-1B | 21,23 | NEMA 6-20R | 208 | 60 | 1 | 16 | | 3350 | 20 | | |
| 017B | 1 | 110-DELI CAFE | COFFEE GRINDER | RP-1B | 25 | NEMA 5-15R | 120 | 60 | 1 | 5 | | 575 | 15 | | |
| 018 | 1 | 110-DELI CAFE | COFFEE MAKER | RP-1B | 27 | DC | 120 | 60 | 1 | 12.5 | | 3475 | 15 | | |
| 024 | 1 | 111-DELI PREP. | DISHWASHER | RP-1B | 29,31,33 | DC | 208 | 60 | 3 | 26.9 | | 30 | 30 | | |
| | | | E1- WASH PUMP MOTOR & COMPRESSOR | RP-1B | 35,37,39 | DC | 208 | 60 | 3 | 26.8 | | 30 | 30 | | |
| | | | E2- ELECTRIC BOOSTER & CONTROLS | RP-1B | 41,43,45 | DC | 208 | 60 | 3 | 53.7 | | 60 | 60 | | |
| | | | E3- DETERGENT & RINSE AGENT FEEDERS | RP-1B | 47,49,51 | DC | 208 | 60 | 3 | | | 18900 | 60 | | |
| 025 | 1 | 111-DELI PREP. | COMBI | RP-1B | 53 | DC | 120 | 60 | 1 | 6 | 1/3 | | 15 | | |
| 026 | 1 | 111-DELI PREP. | FRYER | RP-1B | 4 | DC | 120 | 60 | 1 | 2 | | | 15 | | |
| 028A | 1 | 111-DELI PREP. | EXHAUST HOOD (COMBI & FRYER) | | | | | | | | | | | | REFER TO E500 |
| | | | DCA CONTROL | | | | | | | | | | | | REFER TO E500 |
| | | | FIRE SUPPRESSION | | | | | | | | | | | | REFER TO E500 |
| 028B | 1 | 111-DELI PREP. | EXHAUST HOOD (OVEN) | | | | | | | | | | | | REFER TO E500 |
| | | | DCA CONTROL | | | | | | | | | | | | REFER TO E500 |
| | | | FIRE SUPPRESSION | | | | | | | | | | | | REFER TO E500 |
| 028C | 1 | 111-DELI PREP. | EXHAUST HOOD (DISHWASHER) | | | | | | | | | | | | REFER TO E500 |
| | | | FAN CONTROL | | | | | | | | | | | | REFER TO E500 |
| 030 | 1 | 112-BAKERY | PROOFER | RP-1B | 55,57,59 | DC | 208 | 60 | 3 | 21 | | 4600 | 30 | | |
| 031 | 1 | 112-BAKERY | OVEN | SWIBD-1A | REFER TO E500 | DC | 208 | 60 | 1 | 130 | | 27000 | 175 | | |
| 033 | 1 | 113-WALKIN COOLER | COOLER | RP-1B | 61 | DC | 120 | 60 | 1 | | | | 15 | | |
| | | | LIGHTS | RP-1B | 8 | DC | 120 | 60 | 1 | | | | 15 | | |
| 034 | 1 | 114-WALKIN FREEZER | FREEZER | RP-1B | 63 | DC | 208 | 60 | 1 | | | | 15 | | |
| | | | LIGHTS | RP-1B | 10 | DC | 120 | 60 | 1 | | | | 15 | | |

- DRAWING NOTES:**
- 1 REFER TO E500/2 FOR COMBI+FRYER EXHAUST HOOD DETAILS. ELECTRICAL CONTRACTOR TO CONNECT DCA CONTROL TO POWER SUPPLY AND FAN ON/OFF SWITCH, PROVIDE WIRES AND GROUND FOR LIGHT(S) TO JUNCTION BOX ON TOP OF VENTILATOR, CONNECT JUNCTION BOX TO POWER SUPPLY, AS INDICATED IN E500/2.
 - 2 REFER TO E500/3 FOR OVEN EXHAUST HOOD DETAILS. ELECTRICAL CONTRACTOR TO CONNECT DCA CONTROL TO POWER SUPPLY AND FAN ON/OFF SWITCH, PROVIDE WIRES AND GROUND FOR LIGHT(S) TO JUNCTION BOX ON TOP OF VENTILATOR, CONNECT JUNCTION BOX TO POWER SUPPLY, AS INDICATED IN E500/3.
 - 3 REFER TO E500/4 FOR DISHWASHER EXHAUST HOOD DETAILS. ELECTRICAL CONTRACTOR TO PROVIDE FAN ON/OFF SWITCH AND CONNECTIONS, AS INDICATED IN E500/4.
 - 4 FIRE SUPPRESSION CONTROL PANEL FOR KITCHEN EXHAUST HOOD 028A. PROVIDE WIRE AND CONDUIT FROM CONTROL PANEL DRY CONTACTS TO TWO (2) SHUNT TRIP BREAKERS (MUA-01 AND EF-L03-02).
 - 5 FIRE SUPPRESSION CONTROL PANEL FOR KITCHEN EXHAUST HOOD 028B. PROVIDE WIRE AND CONDUIT FROM CONTROL PANEL DRY CONTACTS TO TWO (2) SHUNT TRIP BREAKERS (MUA-01 AND EF-L03-03).

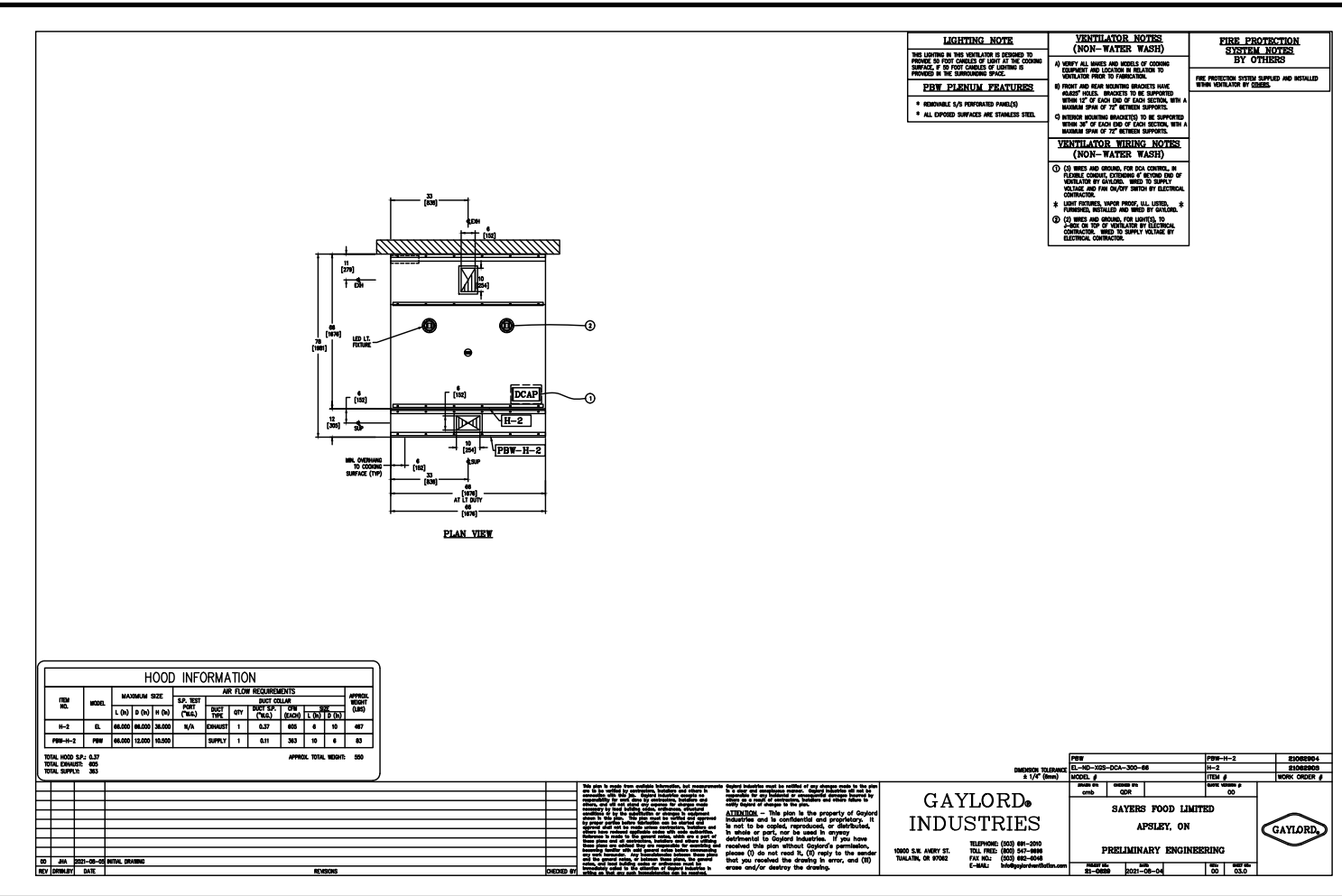
1 BAKERY & DELI CAFE/PREP
E500



4 DISHWASHER EXHAUST HOOD
E500



2 COMBI+FRYER EXHAUST HOOD
E500



3 OVEN EXHAUST HOOD
E500

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NORTH ARROW SEAL

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

DRAWING TITLE
ENLARGED PLANS

SCALE
 1:100
 DATE
JUNE 16, 2021

PROJECT NUMBER
21376.000.e001
 DRAWING NUMBER

E500