

ADDENDUM

ADD 02

Project Name:	Toronto Public Library: Pleasant View Library	ADD No.	02
Project Address:	575 Van Horne Ave North York, ON M2J 4S8	No Pages :	24 (Including Cover)
Project No.	22-008	Owner: :	TPL
Prepared By:	Duane Comins		
Date:	2025.05.16		

The following information supplements and / or supersedes the bid documents issued on the tender submission date noted above and all previously issued addenda. This addendum is to be read, interpreted, and coordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject to disqualification.

1.0 General Answers to Questions

- 1.1 Question: If the consultants use a program other than AutoCAD to generate sloped or curved surfaces, please include a cash allowance for contractor training and licenses for this software to facilitate shop drawing production. Without this allowance, it will not be possible to produce the required shop drawings.**

Response: There will be no additional cash allowance for the contractor, the selected GC is to procure shop drawings as required utilizing the method they deem most effective and accurate.

- 1.2 Question: Contractor will require CAD drawings for all sloped or curved surfaces free of charge.**

Response: A CAD copy of the RCP and Floor Plan can be provided to the selected GC provided a Release for AutoCAD file is signed at the onset of the project

2.0 Architectural items

- 2.1 Question: Please provide ceiling height for corner of every sloped drywall ceiling section. Without this information it is impossible to understand (and price) the ceiling. Drawings show height for some sloped sides or corners; however it is not sufficient.**

Response: Please reference attached A2.32

- 2.2 Question: Please provide plan with radiuses for all curved metal panels. Without this information it is impossible to understand (and price) this scope of work. Drawings show only some radiuses on elevations; however it is not sufficient.**

Response: Please reference attached A2.12

- 2.3 Question: Please revise the hatching on the reflected ceiling plan. Several areas are missing hatching and are shown in white, the same as the drywall ceiling. For example, in the Program Room, there's a note indicating an exposed ceiling, but no corresponding exposed ceiling symbol is shown in that room.**

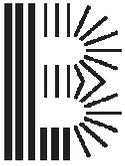
Response: Please see attached additional diagram A2.33 for further clarification

- 2.4 Question: Please show on reflected ceiling plan extend of veneer wrapped joists from 10/A8.04. We cannot understand how many joists will be cladded and that is the length of each joist for veneer cladding.**

Response: All exposed joists need to be wrapped, reference A2.32

- 2.5 Question: Please let us know if contractors will supply furniture identified on the drawings with manufacturer name.**

Response: No, this is a reference only, TPL to procure furniture, GC to coordinate with TPL for location of furniture and any third party requirements such as power etc.



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2.6 Question: Please clarify the glass VG-3 (vision glass shaded). Does shaded mean blind, film or frosted glass?

Response: VG-3 similar to VG-1 - clear vision glass. (shaded refers to shaded by vegetation for the purpose of Toronto green standards).

2.7 Question: Please provide drawing and sections and specifications for wood cladding around the planting box noted on A4.01.

Response: Refer to Sheet L-D3

2.8 Question: Please explain why Bonfire notes \$25,000.00 cash allowance for modifications to main circulation desk if the circulation desk will be demolished and a new circulation desk will be constructed.

Response: New circ desk to be priced but changes are anticipated during shop drawings, cash allowance covers any changes.

2.9 Question: Please provide door hardware schedule.

Response: Reference drawing A7.01 and additional information in specification

2.10 Question: Please provide deflection limit for the Glazed aluminum framing systems Specification section 08 44 13 item 1.4 Performance criteria.

Response: For the glazed aluminum framing systems (Specification section 08 44 13 item 1.4 Performance criteria), the deflection limits are as follows, based on the American Architectural Manufacturers Association standard AAMA TIR-A11:

* For spans less than 13 feet 6 inches: L/175

* For spans greater than 13 feet 6 inches: L/240 + ¼ inch (refer to the Guide to Window Deflection Limits)

Additionally, please note that the International Building Code (IBC) section 2403.3 limits the deflection perpendicular to an individual glass lite to L/175 or 3/4 inch, whichever is less.

2.11 Question: The thermal transmittance (U-value) is not provided for glazing assembly. Could you please confirm what value should be used or let us know if there is a code reference we should follow? Specification section 08 44 13 item 1.4 Performance criteria.

Response: U-value of 1.59 W/m²K using standard dual glazed insulating glass unit with a warm edge spacer, 95% argon gas filled, and Solarban® 60 low-e coating applied to surface #2

2.12 Question: Glass tags on the drawings pg A3.01 (VG-1, VG-2 and VG-3) are not described in specification section 08 80 50. Also, can you mark the glass tags on glass pieces on window schedule?

Response: VG-1 + VG-2: Clear vision glass. VG-2 to be with Bird frit (white frit on surface #1, 6mm dots in staggered/diamond pattern with 50mm spacing).

2.13 Question: Please clarify aluminum finish. Specification section 08 44 13 2.9.1.1 asks for clear anodized finish AA-A41 and specification 08 44 13 section 2.1.2.1.1 asks for Champagne color.

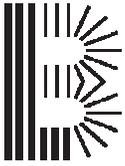
Response: Aluminum finish to be Champagne Colour

2.14 Question: Please clarify the finish on aluminum trims. Specification Section 07 62 00 - 2.1.2.2 asks for powder coat AAMA 2605 and the curtainwall finish is clear anodized finish AA-A41 per section 08 44 13 2.9.1.1 and the trims are to match the curtainwall finish.

Response: Trims to match curtainwall finish, curtain wall finish to be Champagne.

2.15 Question: There is a window on North elevation before GL-1, West GL B-C. This window is not found on Window schedule. Should this be included in scope?

Response: Existing window to remain



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2.16 Question: Please clarify interior screens are to be PC350 or u-channel, as the specifications show PC350 but the sections/details on A7-15 show u-channel.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 14

2.17 Question: Please confirm TGL-1 glass specification for interior partitions is a sealed unit or double-glazed.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 15

2.18 Question: Lighting Fixture Cutsheets are missing Types LQ1A, LQ1B, LP1A, LP1B, LS9A, LS9B, LS1A, LS1B, LS8A, LS8B, LS8C, LS4A, LS4B, LS4C, LS11A, LS11B, LS11C, LS11D, ACF-A, ACF-B, ACF-C.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 19

2.19 Question: Lighting Fixture Cutsheets missing E2, E3, E4

Response: Please see Posted Addendum 02 (May 13, 2025), Question 20

2.20 Question: Lighting Fixture LS3 is different on the floor plans than reflected Cutsheet, please specify.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 21

2.21 Question: Missing specification for the lighting poles for the site lighting fixtures.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 22

2.22 Question: What is the purpose of the Occupancy Sensors, Photocells shown on the Roof Level? Are they shown by mistake?

Response: Please see Posted Addendum 02 (May 13, 2025), Question 23

2.23 Question: There are no room controllers shown on the floor plans, please clarify. No specification for PS - photo sensors (Det 1/E-603).

Response: Please see Posted Addendum 02 (May 13, 2025), Question 24

2.24 Question: Please confirm if there are any mandatory communications cabling contractors that must be utilized or if it is open for bidding.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 25

2.25 Question: Please confirm the intent for how we are to treat the joint where RAF-1 flooring meets RAF-1 up the wall.

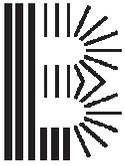
Response: Please see additional detail on A8.10

2.26 Question: Please provide deflection limit for the Glazed aluminum framing systems Specification section 08 44 13 item 1.4 Performance criteria.

Response: Reference Q17 (Same Question)

2.27 Question: The thermal transmittance (U-value) is not provided for glazing assembly. Could you please confirm what value should be used, or let us know if there's a code reference we should follow? Specification section 08 44 13 item 1.4 Performance criteria.

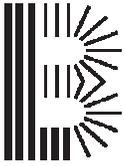
Response: Reference Q18 (Same Question)



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- 2.28 Question: Glass tags on the drawings pg A3.01 (VG-1, VG-2 and VG-3) are not described in specification section 08 80 50. Also, Can you mark the glass tags on glass pieces on window schedule?**
- Response: Reference Q19 (Same Question)
- 2.29 Question: Please clarify aluminum finish. Specification section 08 44 13 2.9.1.1 asks for clear anodized finish AA-A41 and specification 08 44 13 section 2.1.2.1.1 ask for Champagne color.**
- Response: Reference Q20 (Same Question)
- 2.29 Question: Please clarify the finish on aluminum trims. Specification Section 07 62 00 - 2.1.2.2 asks for powder coat AAMA 2605 and the curtainwall finish is clear anodized finish AA-A41 per section 08 44 13 2.9.1.1 and the trims are to match the curtainwall finish.**
- Response: Reference Q21 (Same Question)
- 2.30 Question: Exterior Aluminum door finish is mentioned powder coated finish on door schedule A7.01 for doors D101, D102, D107, D112, D122. Curtainwall finish is clear anodized as per Specification section 08 44 13 2.9.1.1. Is this the intent to have the door finish different than curtainwall finish?**
- Response: Aluminum door to match curtainwall finish, curtainwall finish to be Champagne
- 2.31 Question: There is a window on North elevation before GL-1, West GL B-C. This window is not found on Window schedule. Should this be included in scope?**
- Response: Reference Q22 (Same Question)
- 2.32 Question: Please indicate where the frames S-101-E,S-101-F, S-103-A, S-123-I are located on floor plan.**
- Response: These are clerestories. Refer to exterior elevations/building sections. S-101E/F are in vestibule 101. S-103-A is in Reception 103 clerestorey and S-123-I is in clerestorey in Stack 125 section.
- 2.33 Question: Screen S-101-E is marked twice on window schedule. Drawing A7.11 and Drawing A7.15. Please clarify.**
- Response: S-101-E is clearstory between vestibule and staff office
S-101-F is vertical glazing between vestibule and circulation desk
- 2.34 Question: Could we please ask for clarification on the Olympia tile sizes? No sizes are listed on the finish schedule.**
- Response:
T-1 - T-2: 30cm X 60cm
T3 - T5: 10cm X 30cm
- 2.35 Question: Could dimensions of all flooring products be added to the finishes schedule on A7.21?**
- Response:
T-1 - T-2: 30cm X 60cm
T3 - T5: 10cm X 30cm
CPT -1: 12"x36"
CPT -2: 50cm x50cm
L-1: Rolled Good
RAF-1: Rolled Good
- 2.35 Question: Please confirm the extent of WP-1 & WP-2. There are conflicts between the paint plan A2.42 and some of the elevations. For example A6.03 detail 20 calls for WP-1 while A2.42 shows this wall to receive WP-4.**
- Response: Please see Posted Addendum 02 (May 13, 2025), Question 7



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2.36 Question: Please confirm if there is a DSSR available for this location.

Response: The DSSR has been posted on Bonfire May 13, 2025

2.37 Question: We cannot quantify the extent of foundation repairs referenced for note 23 on A1.21. Can a cash allowance be provided for this for all bidders and include waterproofing as well?

Response: Refer to the Facility Condition assessment report to determine extents.

2.38 Question: Please confirm that no phasing is required and that the branch will be closed to the public throughout construction. 01 35 29 Section 1.2.1 says the library will be occupied during construction.

Response: No phasing required, branch will be closed.

2.39 Question: Note 26 on A1.23 indicates roof & roofing membrane to be removed. The roof plan A2.12 indicates roof membrane to remain, roof structure and columns to remain. Which is correct?

Response: Refer to addendum #02

2.40 Question: Please provide location for blinds.

Response: Location of blinds are located on A2.31 and A2.32
However, we have provided a clearer diagram attached here A2.33

2.41 Question: We cannot find on drawings the following Sections from the specifications 08 87 00 03 01 30 and 05 81 10. Please assist us to locate these sections.

Please review full extent of drawings collectively with specifications as the scope of work is noted in the drawings

2.42 Question: Please note on the drawings location for section 09 05 13. If floor topping is required, please note location of topping and the topping thickness. If other work is required, please specify what exactly must be done. Without this information section 09 05 13 cannot be priced.

Please review full extent of drawings collectively with specifications as the scope of work is noted in the drawings

2.43 Question: Please note on the drawings location for section 09 05 23. If floor topping/underlayment is required, please note location of topping and the topping thickness. Without this information section 09 05 13 cannot be priced.

Response: 09 05 23 - Common Work Results for Flooring Preparation - Flooring preparation is required prior to flooring installation across entire project

2.44 Question: Can you please explain where Section 09 56 53 Powder Coating will be used?

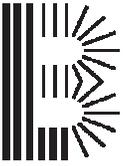
Response: Powder coat is for all MT applications

2.45 Question: Please advise if there is new asphalt paving required. If so, provide a drawing showing the extent of the new asphalt.

Response: Please see Posted Addendum 02 (May 13, 2025), Question 9

2.46 Question: Drawing A9.30: Please advise the intent for the cabinet pulls. Pull 2 has the same finish tag as pull 1 (C19) but the finishes are labelled differently. Also, if both pulls are noted 6" long but the elevations seem to reflect different pull lengths (e.g. Elevation 11/A6.13 illustrates pulls of different lengths - from approximately 4" to 10"). Please review and advise the intent.

Response: Correct, PULL-1 and PULL-2 are the same lengths but different finish dependent on locations
Yes, pull to be 6", Please see attached A9.08 for information on kitchenette / pantry



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3.0 Mechanical Items

3.1 Question: The Steam Humidifier that is in the Equipment schedules will not work. The maximum length of the exhaust steam tube (even at 2" copper or stainless steel) is 30 ft. Just the horizontal run on the plans is over 70 ft. (Not even counting the 90's).

Response: We will upsize the low-pressure steam line and revise the location of the humidifier to decrease the developed pipe length. Revisions will be captured in the next addendum.

4.0 Electrical Items

4.1 Question: Please clarify symbol showing "R" beside the floor box, is it new or relocated floor box? If it is new, please provide the specification.

Response: These are intended to be flush/recessed. The legend has been updated in the attached drawings

4.2 Question: Please clarify "Flush-mounted concrete boxes" shown on E-311. No specification is provided.

Response: Specification provided in the addendum.

5.0 Landscape Items

5.1 Question: Please confirm that existing curb between side walk and Van Horne Avenue and Brian Drive will not be replaced where new tactile indicators will be installed.

Response: Based on our review of the site plan notes and current site conditions, it appears that no existing drop curbs are present between the existing sidewalk along the Van Horne Avenue. As such, new drop curbs should be installed at this location to accommodate the proposed sidewalk.

At the intersection of Van Horne Avenue and Brian Drive, the existing drop curbs are to be removed and replaced with new ones to align with the layout and elevation of the new sidewalk.

5.2 Question: Please provide information about 20mm thick metal plate on L-D3 including finish and location on elevation.

Response: Detail descriptions are provided on page L-D3. The letters shall be laser-cut from 19mm (3/4") thick Corten steel plate.

An additional blow-up has been added to page L-D3, showing the letters overlaid with a 100mm x 100mm grid to indicate their location and elevation.

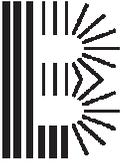
5.3 Question: Please provide scaled drawings for all the details and plans on L-D3.

Response: All blow-ups shown on page L-D3 are to scale. Updated scale references have been added to each blow-up for clarity. Drawings can be manually measured using an appropriate scale bar on the hard copy printed at Arch D size (24" x 36").

6.0 Structural Items

6.1 Question: Can cross sections please be provided for the MW190 locations identified on S2.01 to show extent of the work? Are these areas with existing foundation walls to receive repairs or are these new MW190 walls meaning the existing foundation walls in these areas need to be removed?

Response: See 6/S4.01. Existing foundation to remain, existing masonry walls to be removed and replaced with new walls above, reinforced as per plan.

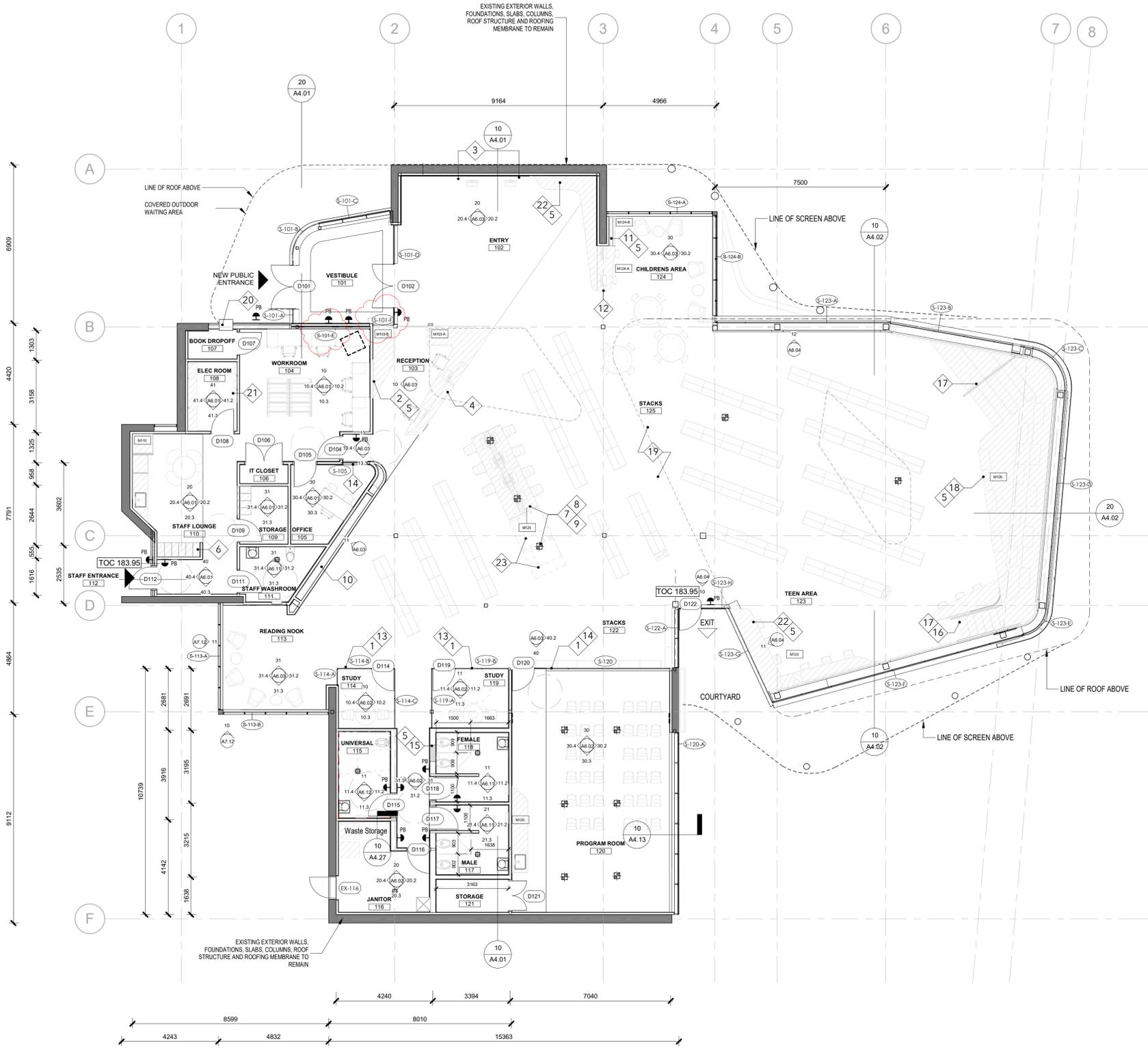


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7.0 Attached Items

- A2.11 Plan - Level 01
- A2.12 Plan - Roof Level
- A2.32 RCP Dimensions
- A2.33 Ceiling Finish Diagram
- A7.11 Window Screen Schedule
- A7.12 Window Screen Schedule
- A7.13 Window Screen Schedule
- A8.10 Floor Transitions
- A9.08 Millwork Kitchenette
- L-D3 Detail Plan
- 00 91 13 01 - Addendum 02
- E-001 - Electrical symbols & abbreviations
- E-311 - Power & systems level 01 New work plan
- M-311 - Plumbing and Fire protection Level 01 New work plan
- M-411 - HVAC Level 01 New work plan
- M-803 Mechanical details sheet 3



- GENERAL NOTES - PLANS:**
1. WALLS SHOULD EXTEND FROM FLOOR TO UNDERSIDE OF SLAB ABOVE. ANY PENETRATIONS THROUGH WALLS SHOULD BE OVERSIZED, FILLED WITH BATT INSULATION, AND SEALED WITH NON-HARDENING ACOUSTIC CAULK WITH A MIN. MOVEMENT CAPABILITY OF +/-25%. REF TO INTERIOR DETAILS.
 2. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS FOR ADDITIONAL REQUIREMENTS.
 3. AT LOCATIONS WHERE MECH. DUCTS INTERFERE WITH FULL HEIGHT CONSTRUCTION OF INTERIOR PARTITIONS, OFFSET PARTITION ABOVE CEILING AND BRACE AS REQUIRED. MAINTAIN FIRE SEPARATION/SOUND RATING OF PARTITION. OFFSETTING OF PARTITIONS WILL ONLY BE PERMITTED WHERE DUCTWORK CANNOT BE POSITIONED.
 4. ALL DIMENSIONS ARE TAKEN TO FACE OF MASONRY OR CONCRETE AT MASONRY AND CONCRETE WALLS AND PARTITIONS. AT STEEL STUD PARTITIONS, DIMENSIONS ARE TAKEN TO CENTRE OF STUD.
 5. INCREASE THICKNESS OF WALLS OR FURR OUT WALL THICKNESS AS REQUIRED TO ACCOMMODATE MECHANICAL AND ELECTRICAL PANELS AND SERVICES. MAINTAIN FIRE SEPARATION AROUND BACK OF PANELS WHERE APPLICABLE.
 6. MAKE GOOD ALL EXISTING DRYWALL TO REMAIN
 7. ALL EXISTING FIRE RATED ASSEMBLIES TO MAINTAIN EXISTING RATING
 8. ALL EXPOSED CONCRETE, COLUMNS, SLABS ETC PIPING CONDUIT, DRAINS TO BE PAINTED P14
 9. PROVIDE BLOCKING AS REQUIRED AT ALL WALL MOUNTED AV, MILLWORK LOCATIONS
 10. FOR MILLWORK REF. AS SERIES
 11. UNLESS OTHERWISE NOTED, DOOR OPENINGS ARE 101mm FROM ADJACENT RETURN WALL.

- NOTES:**
- GENERAL: INDICATES EXISTING TO REMAIN
 - GENERAL: INDICATES NEW MILLWORK
 - ⤴ ADD DOOR OPERATOR

1. GLAZING TO RECEIVE VINYL FILM GRAPHIC. REFER TO ELEVATIONS, SCHEDULES FOR FURTHER INFORMATION.
2. LOCATION OF DIGITAL DISPLAY TV. PROVIDE BLOCKING AS NECESSARY. REFERENCE ELECTRICAL DWGS FOR ADDITIONAL DETAILS
3. LOCATION OF SELF CHECKOUT. REFERENCE ELECTRICAL DWGS FOR ADDITIONAL DETAILS
4. NEW MILLWORK CIRCULATION DESK
5. PROVIDE BLOCKING AT ALL WALL MOUNTED MILLWORK, AV, EQUIPMENT AND PLUMBING FIXTURES AND ACCESSORIES AS REQUIRED. CO-ORDINATE WITH FURNITURE AND ANY OWNER PROVIDED ITEMS
6. MANUFACTURED LOCKER UNITS WITH DIGITAL LOCKS
7. LOCATION OF 7 COMPUTERS AND PRINTER. REFERENCE ELECTRICAL DWGS FOR DETAILS
8. MILLWORK TOP AND FABRIC DIVIDERS TO COVER COMPUTER DESKS. REFERENCE A9.0 SERIES
9. CORE DRILLING REQUIRED FOR CONDUITING AND FLOOR BOXES. REFER TO ELECTRICAL AND STRUCTURAL DWGS FOR DETAILS
10. SHELVES INSET INTO BUILT OUT WALL
11. NEW MILLWORK DISPLAY SHELVES. REFERENCE A9.0 SERIES
12. LOCATION OF CHILDREN'S COMPUTER. REFERENCE ELECTRICAL DWGS
13. INTERIOR FULL HEIGHT GLAZING
14. INTERIOR HALF HEIGHT GLAZING
15. BOTTLE FILLER - REFER TO SCHEDULES
16. TACTILE ATTENTION INDICATORS AT THE TOP OF STAIRCASES, AND COLOUR CONTRASTING STRIPS ON STAIR TREADS AND ON RAMP LEVEL CHANGES AS REQUIRED BY CSA B651-18.
17. NEW FREESTANDING FLATBAR HANDRAIL. ENGINEERED SHOP DRAWINGS REQUIRED. REFERENCE DRAWINGS FOR DETAILS
18. MILLWORK BANQUETTE. REFERENCE A9.0 SERIES
19. NEW BOOKSHELVES, EXISTING BOOKSHELVES TO BE REFINISHED
20. THROUGH WALL MOUNTED BOOK DROP
21. ELECTRICAL PANELS. REF ELECTRICAL DWGS FOR DETAILS
22. MILLWORK TABLE HEIGHT AND BAR HEIGHT LAPTOP BAR. REFERENCE A9.0 SERIES
23. LOCATION OF PRINTER. COORDINATE WITH ELECTRICAL FOR POWER AND DATA REQUIREMENTS

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This drawing, as an instrument of service, is provided by and is the property of LEBEL & BOULIANE INC. and shall be used only for the project named on this drawing and solely for reference purposes only. The contractor is responsible for the coordination and verification of all dimensions contained herein and all measurements and conditions on site as they pertain to these documents. The contractor shall report any discrepancies to the consultant in writing prior to the commencement of any affected work. Do not scale this drawing.

Do not scale this drawing. This drawing shall not be used for construction purposes unless countersigned.

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1 ISSUE FOR TENDER 2025.04.01

00 ISSUE DATE

FOR TENDER



As indicated @24x36

PLAN - LEVEL 01

PLAN - LEVEL 01
1 : 100

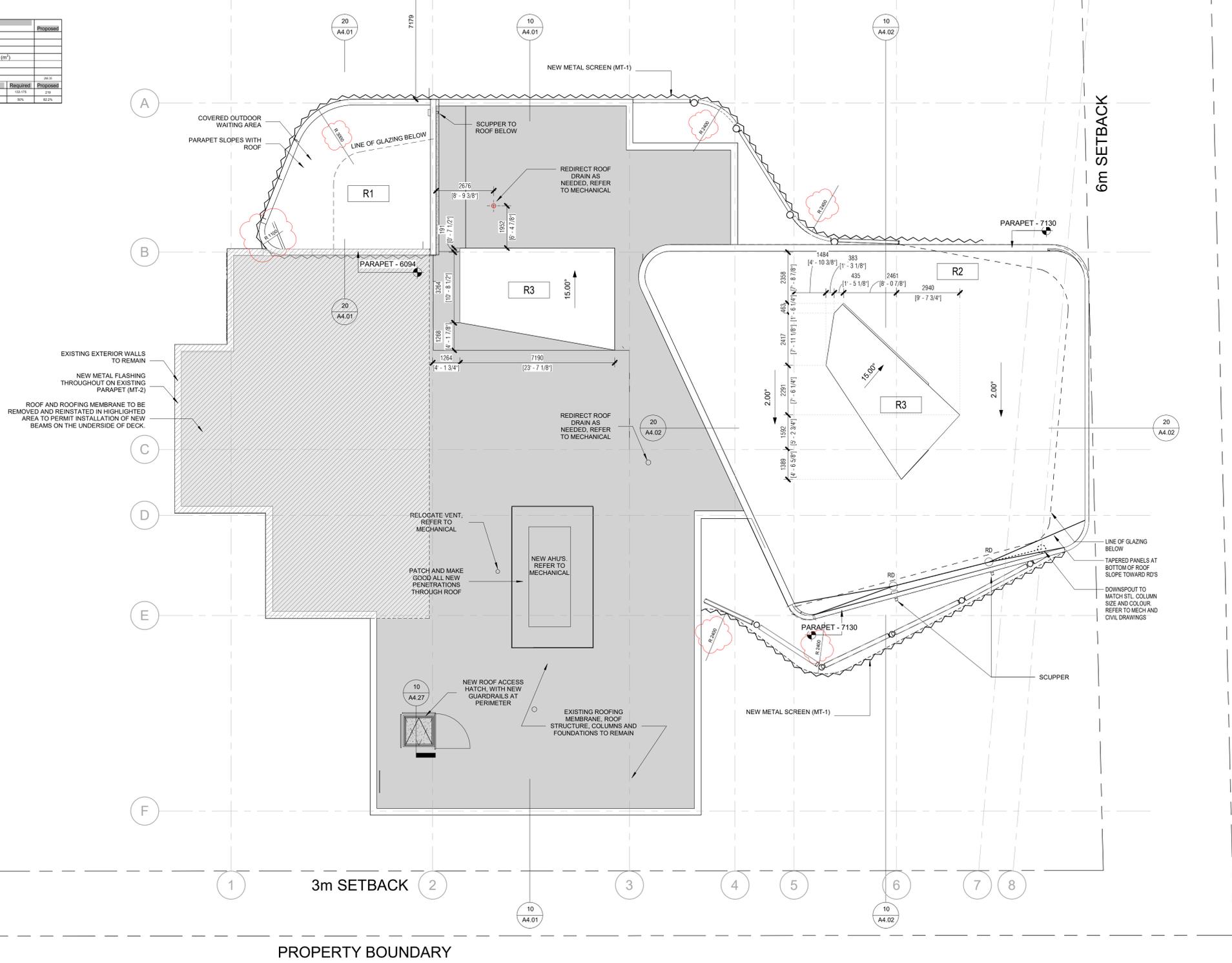
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A2.11

A2.11

PROPERTY BOUNDARY

The Green Roof Statistics Template is required to be submitted for Site Plan Control Applications where a green roof is required under the Toronto Municipal Code Chapter 492, Green Roofs. Complete the table below and copy it directly onto the Roof Plan submitted as part of any Site Plan Control Application requiring a green roof in accordance with the By-law. Refer to Section 4.492-1 of the Municipal Code for a complete list of defined terms, and greater clarity and certainty regarding the intent and application of the terms included in the template. The Toronto Municipal Code Chapter 492, Green Roofs can be found online at: http://www.toronto.ca/reg/2019/04/201904011184_492.pdf

Green Roof Statistics		Required	Proposed
Gross Floor Area, as defined in Green Roof Bylaw (m ²)			
Total Roof Area (m ²)			
Area of Residential Private Terraces (m ²)			
Roofing Outdoor Amenity Spaces, if in a Residential Building (m ²)			
Area of Renewable Energy Devices (m ²)			
Tower (s) Roof Area with floor plate less than 750 m ²			
Total Available Roof Space (m ²)			
Green Roof Coverage			
Coverage of Available Roof Space (m ²)		100.0%	100.0%
Coverage of Available Roof Space (%)		90%	92.2%



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 - FOR MILLWORK REF. AS SERIES.
 - UNLESS OTHERWISE NOTED, DOOR OPENINGS ARE 10mm FROM ADJACENT RETURN WALL.

- NOTES:**
- GENERAL: INDICATES EXISTING TO REMAIN
 - GENERAL: INDICATES NEW ROOF
 - GENERAL: INDICATES NEW GREEN ROOF

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1	ISSUE FOR TENDER	2025.04.01

00 ISSUE DATE

FOR TENDER



As indicated @24x36

PLAN - ROOF LEVEL

GENERAL NOTES - RCP:

1. ALL CEILINGS TO REMAIN EXPOSED UNLESS OTHERWISE NOTED.
2. ALL VISIBLE ELEMENTS AT EXPOSED CEILINGS AND ELEMENTS INCLUDING DUCTWORK, PIPING, CONDUIT ARE TO BE PRIMED AND PAINTED. COLOUR AS PER FINISH SCHEDULE.
3. ALL EXISTING STRUCTURE ABOVE WOOD SLATS TO BE PAINTED. COLOUR AS PER FINISH SCHEDULE.
4. REFER TO FINISH SCHEDULE FOR MATERIAL TYPES WHERE NOTED.
5. REFER TO ELECTRICAL DRAWINGS FOR SWITCHING LOCATIONS.
6. PROVIDE ACCESS PANELS IN THE CEILING AS REQUIRED TO ACCESS EXISTING BUILDING INFRASTRUCTURE. COORDINATE LOCATIONS ON SITE. REF MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. REFER TO SHEETS A3.5 AND A3.6 FOR LIGHTING LAYOUTS.

CEILING FINISH LEGEND:

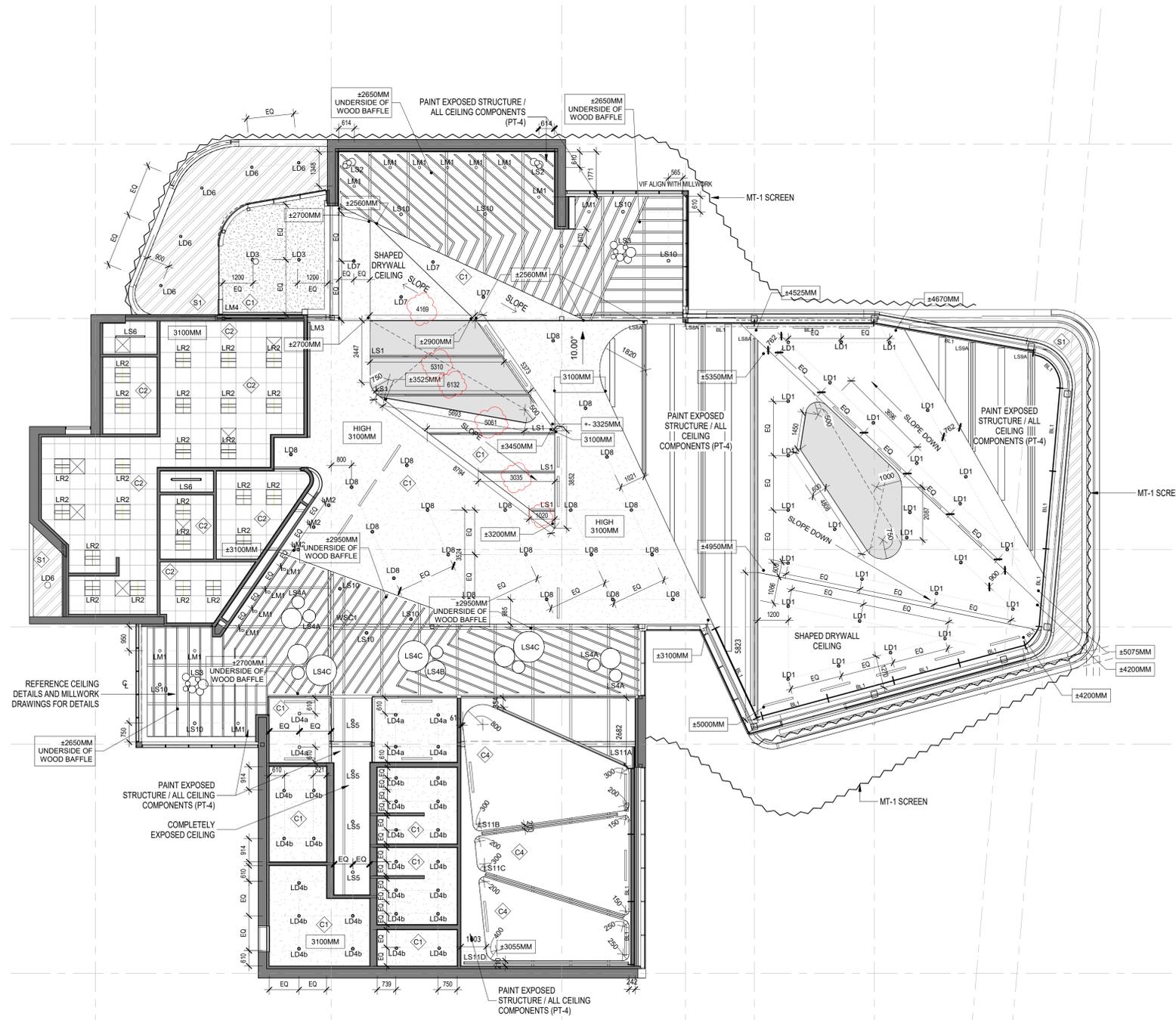
-  C1 - GWB CEILING
-  C2 - ACT ACOUSTIC CEILING TILE
-  C3 - WOOD SLAT CEILING WITH PAINTED EXPOSED CEILING ABOVE

CEILING FIXTURE LEGEND:
REF LIGHT FIXTURE SCHEDULE FOR LIGHT FIXTURE INFORMATION

-  GENERAL: INDICATES EXISTING TO REMAIN
-  GENERAL: INDICATES AREA NOT IN SCOPE
-  MILLWORK
-  MOTORIZED BLACKOUT SHADES - REF FINISH LEGEND

KEYED NOTES:

- 1 ALL VISIBLE ELEMENTS AT EXPOSED CEILINGS AND ELEMENTS INCLUDING DUCTWORK, PIPING, CONDUIT ARE TO BE PRIMED AND PAINTED. COLOUR AS PER SCHEDULE
- 2 NO CEILING. CONCRETE SOFFIT TO BE FINISHED AS PER FINISH SCHEDULE
- 3 NO CEILING. STRUCTURAL SLAB TO REMAIN EXPOSED
- 4 LINEAR SUPPLY DIFFUSER AS PER MECH
- 5 NEW WSC1 WOOD BAFFLE CEILING TO BE COORDINATED WITH U/S OF CEILING STRUCTURE, MECHANICAL COMPONENTS ETC
- 6 LIGHTS TO BE COORDINATED WITH WSC1 WOOD BAFFLE CEILING
- 7 COORDINATE WSC1 WOOD BAFFLE CEILING TO SEAMLESSLY ALIGN WITH MILLWORK BOOKSHELVES. REFERENCE A9.0 SERIES FOR DETAILS.
- 8 WSC1 CEILING TO MEET ADJACENT C1 CEILING
- 9 REFERENCE ELEVATIONS FOR LIGHTING MOUNTING HEIGHTS



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As indicated @24x36

RCP DIMENSIONS - LEVEL 01

GENERAL NOTES - RCP:

1. ALL CEILINGS TO REMAIN EXPOSED UNLESS OTHERWISE NOTED.
2. ALL VISIBLE ELEMENTS AT EXPOSED CEILINGS AND ELEMENTS INCLUDING DUCTWORK, PIPING, CONDUIT ARE TO BE PRIMED AND PAINTED. COLOUR AS PER FINISH SCHEDULE.
3. ALL EXISTING STRUCTURE ABOVE WOOD SLATS TO BE PAINTED. COLOUR AS PER FINISH SCHEDULE.
4. REFER TO FINISH SCHEDULE FOR MATERIAL TYPES WHERE NOTED.
5. REFER TO ELECTRICAL DRAWINGS FOR SWITCHING LOCATIONS.
6. PROVIDE ACCESS PANELS IN THE CEILING AS REQUIRED TO ACCESS EXISTING BUILDING INFRASTRUCTURE. COORDINATE LOCATIONS ON SITE. REF MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7. REFER TO SHEETS A3.5 AND A3.6 FOR LIGHTING LAYOUTS.

CEILING FINISH LEGEND:

- C1 - GWB CEILING
- C2 - ACT ACOUSTIC CEILING TILE
- C3 - WOOD SLAT CEILING WITH PAINTED EXPOSED CEILING ABOVE (ALL CEILING COMPONENTS AND STRUCTURE TO BE PAINTED)
- C4 - ACT ACOUSTIC CEILING CLOUD
- EXPOSED CEILING, ALL CEILING COMPONENTS AND STRUCTURE TO BE PAINTED
- WOOD SOFFIT

CEILING FIXTURE LEGEND:

- REF LIGHT FIXTURE SCHEDULE FOR LIGHT FIXTURE INFORMATION
- GENERAL: INDICATES EXISTING TO REMAIN
 - GENERAL: INDICATES AREA NOT IN SCOPE
 - MILLWORK
 - MOTORIZED BLACKOUT SHADES - REF FINISH LEGEND

THIS IS AN ASSISTIVE DIAGRAM ONLY FOR REFERENCE
GC MUST REFERENCE THE REST OF THE DRAWING SET FOR DETAILS



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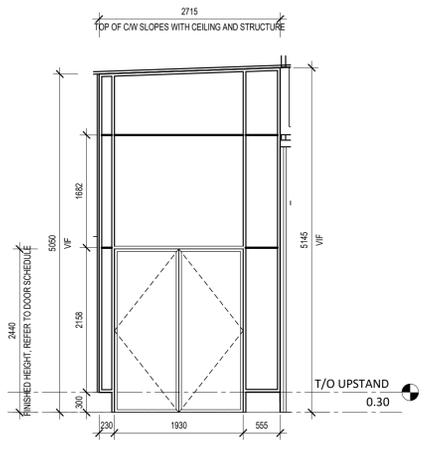


As indicated @24x36

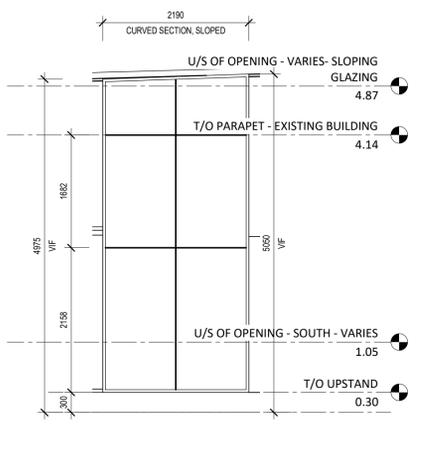
CEILING FINISH DIAGRAM

ELEVATION LEGEND

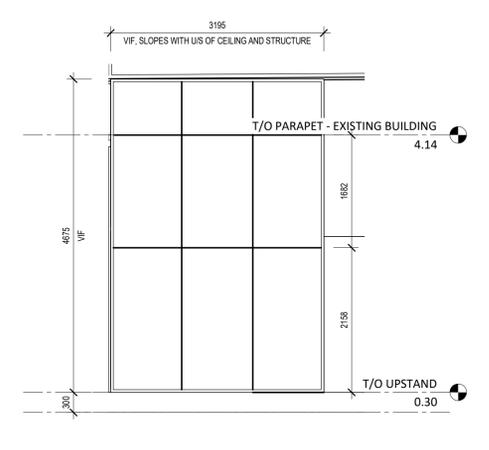
- (VG-1 + VG-3) CLEAR VISION GLASS
- (VG-2) VISION GLASS WITH BIRD FRIENDLY FRIT PATTERN - WHITE FRIT ON SURFACE #1, 6MM DOTS IN STAGGERED DIAMOND PATTERN WITH 50MM SPACINGS
- VIN - 2: VINYL GRAPHIC FILM (DESIGN TBD)



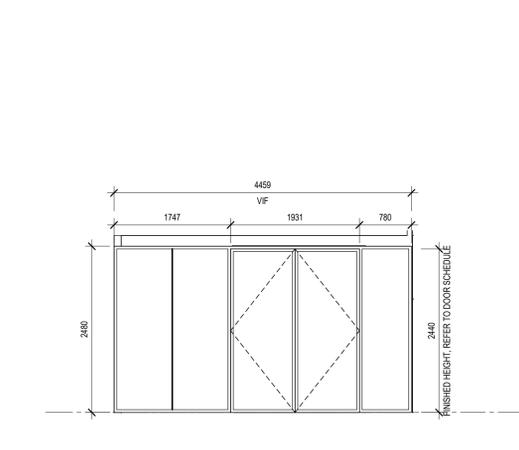
S-101-A 34
1 : 50 A7.11



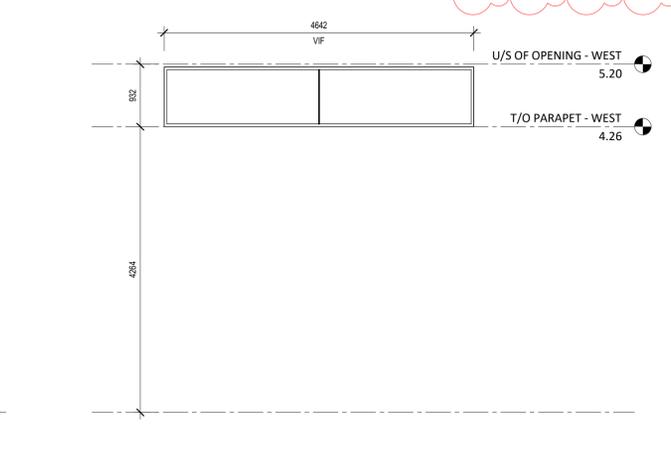
S-101-B 33
1 : 50 A7.11



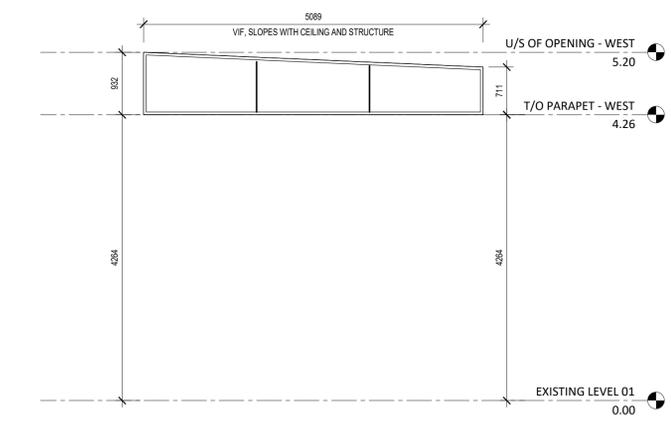
S-101-C 32
1 : 50 A7.11



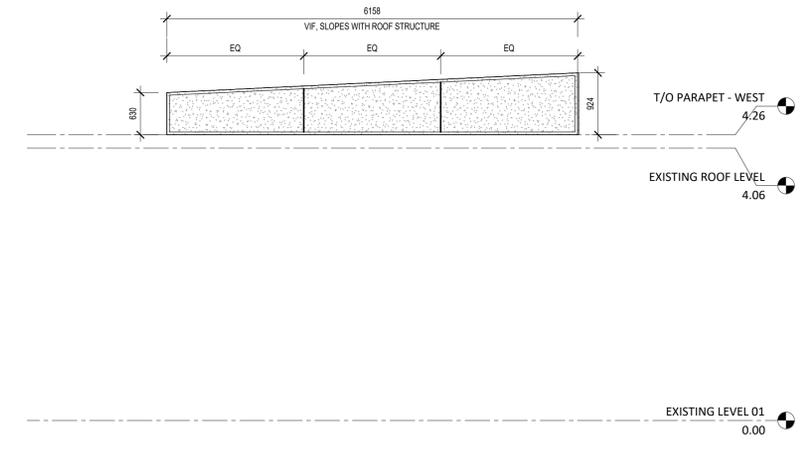
S-101-D 31
1 : 50 A7.11



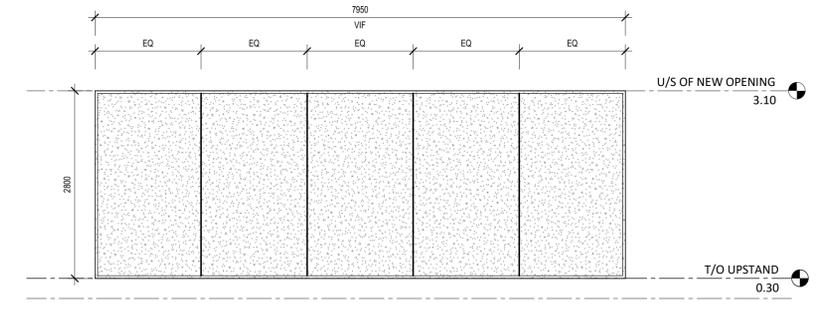
S-101-E 30
1 : 50 A7.11



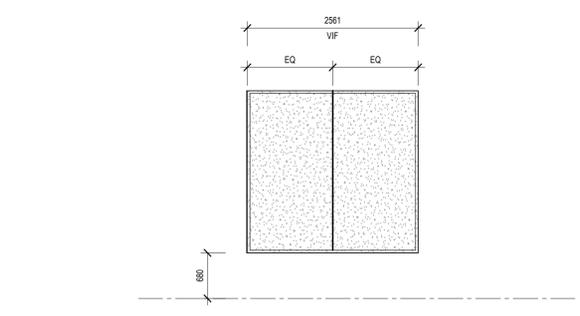
S-101-F 22
1 : 50 A7.11



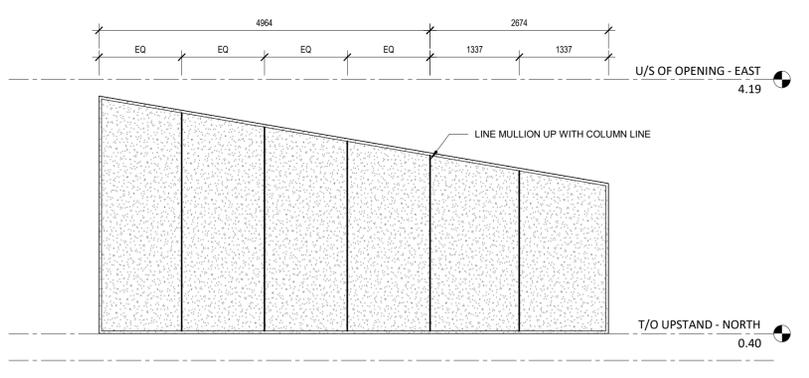
S-103-A 21
1 : 50 A7.11



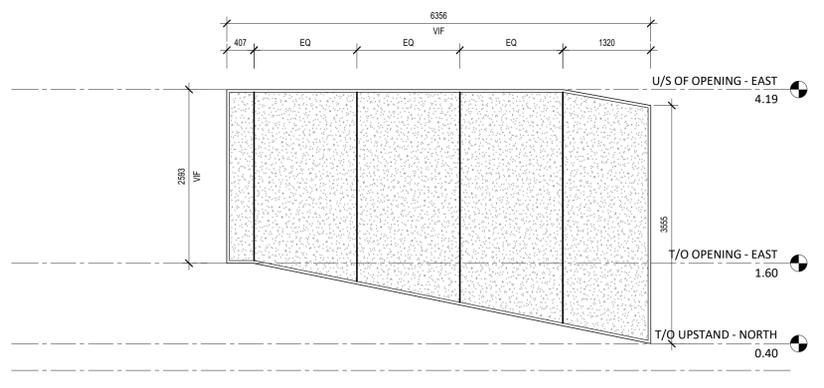
S-120-A 20
1 : 50 A7.11



S-122-A 12
1 : 50 A7.11



S-123-A 11
1 : 50 A7.11



S-123-B 10
1 : 50 A7.11

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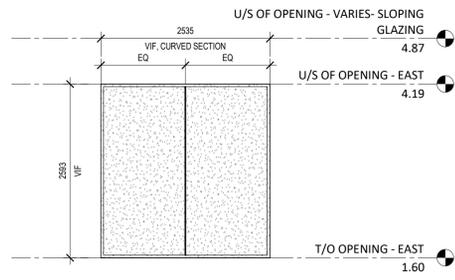
00 ISSUE DATE

FOR TENDER

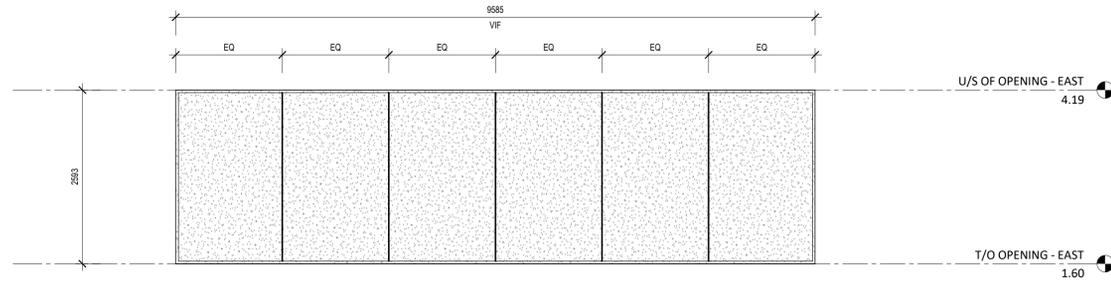
As indicated @24x36

WINDOW/SCREEN SCHEDULE

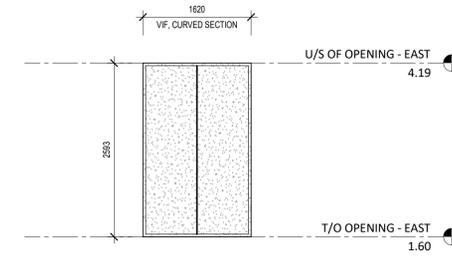
A7.11



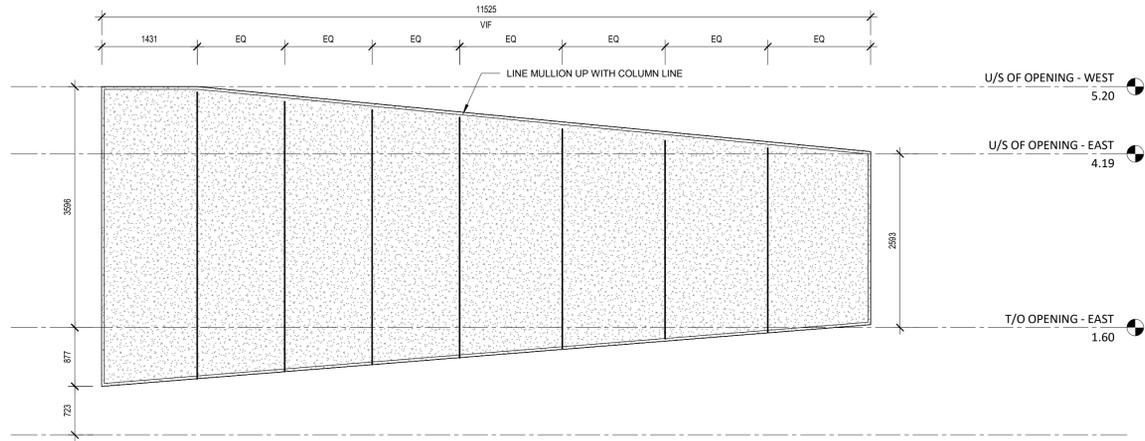
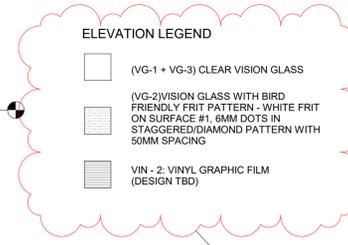
S-123-C 32
1 : 50 A7.12



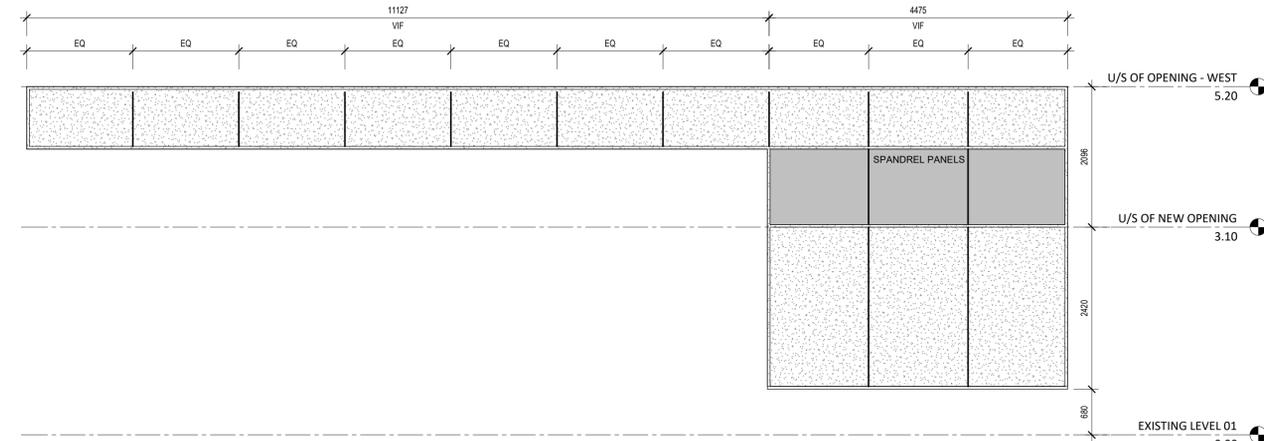
S-123-D 31
1 : 50 A7.12



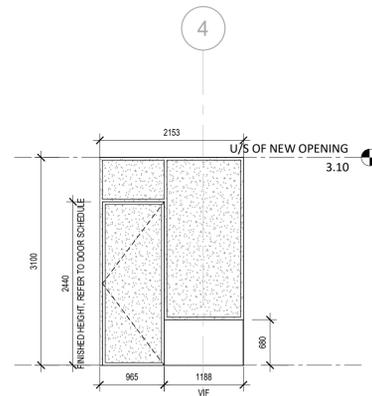
S-123-E 30
1 : 50 A7.12



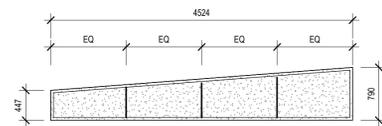
S-123-F 21
1 : 50 A7.12



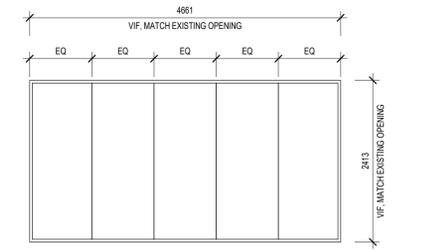
S-123-G 20
1 : 50 A7.12



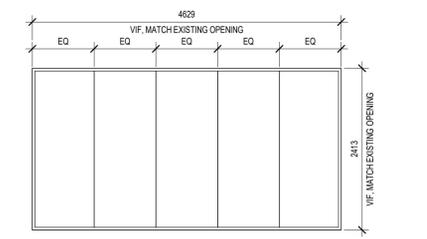
S-123-H 13
1 : 50 A7.12



S-123-I 12
1 : 50 A7.12



S-113-A 11
1 : 50 A7.12



S-113-B 10
1 : 50 A7.12

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1 ISSUE FOR TENDER 2025.04.01

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FOR TENDER

As indicated @24x36

WINDOW/SCREEN
SCHEDULE

A7.12

ELEVATION LEGEND

-  (VG-1 + VG-3) CLEAR VISION GLASS
-  (VG-2) VISION GLASS WITH BIRD FRIENDLY FRIT PATTERN - WHITE FRIT ON SURFACE #1, 6MM DOTS IN STAGGERED DIAMOND PATTERN WITH 50MM SPACINGS
-  VIN - 2: VINYL GRAPHIC FILM (DESIGN TBD)

3

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3	ADDENDUM #02	2025.05.16
2	ADDENDUM #01	2025.05.06
1	ISSUE FOR TENDER	2025.04.01

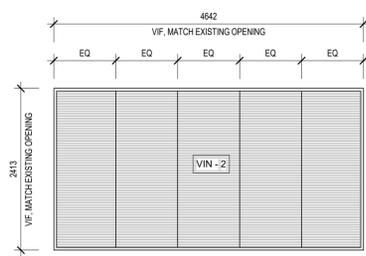
00 ISSUE DATE

FOR TENDER

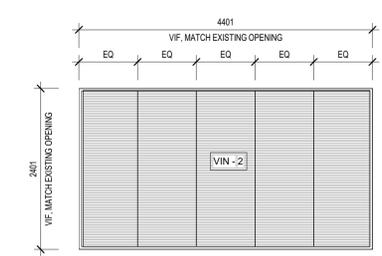
As indicated @24x36

WINDOW/SCREEN SCHEDULE

A7.13



S-124-A
 1 : 50



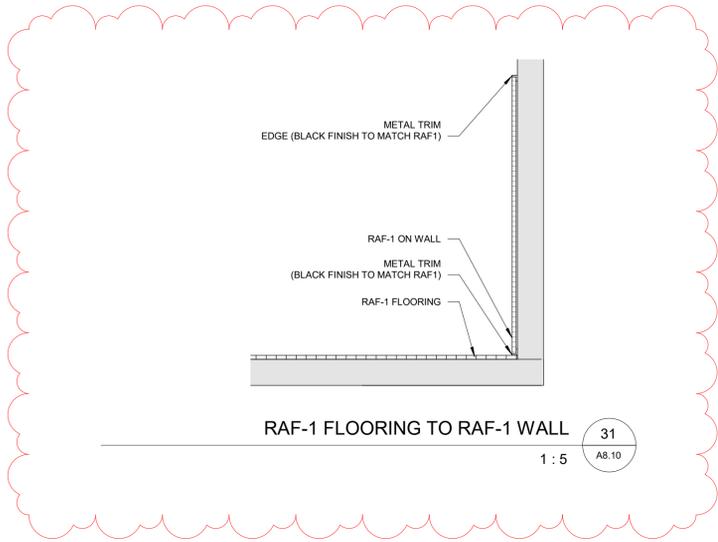
S-124-B
 1 : 50

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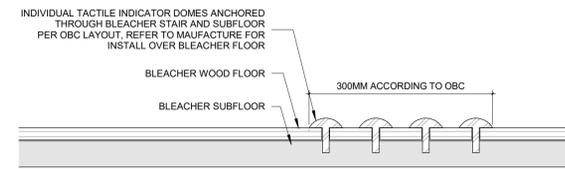
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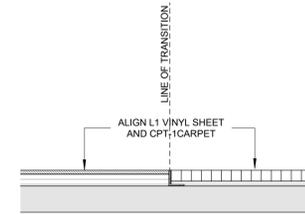
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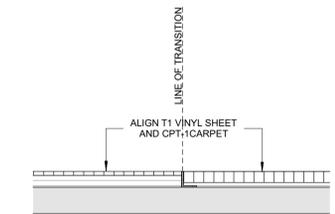
RAF-1 FLOORING TO RAF-1 WALL 31
1 : 5 A8.10



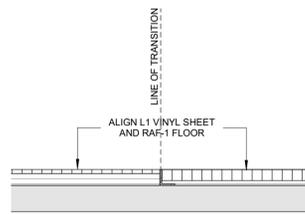
TACTILE INDICATOR 30
1 : 5 A8.10



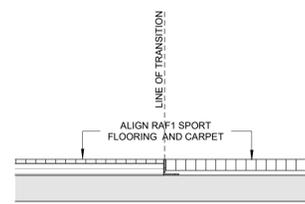
L-1 TO CPT-1 21
1 : 5 A8.10



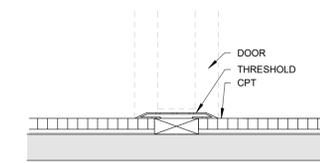
T-1 TO CPT-1 20
1 : 5 A8.10



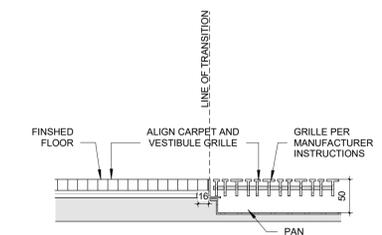
T-1 TO RAF-1 13
1 : 5 A8.10



RAF-1 TO CPT-1 / CPT-3 12
1 : 5 A8.10



CPT AT DOOR 11
1 : 5 A8.10



GRL-1 TO CPT-3 10
1 : 5 A8.10

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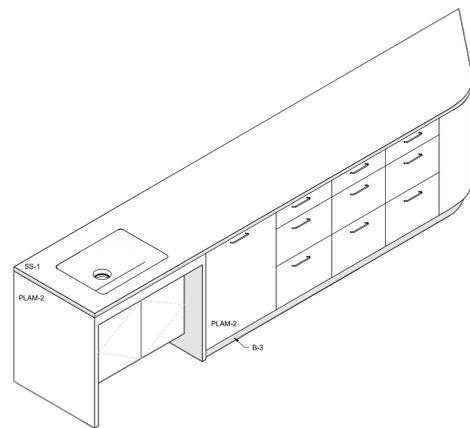
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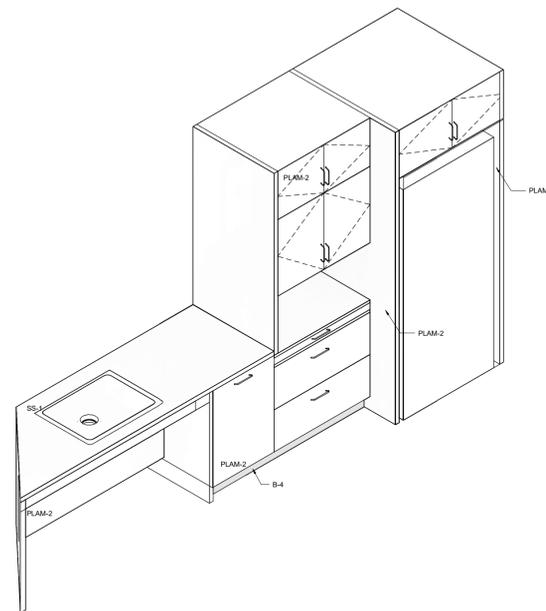
1 : 5 @24x36

FLOOR TRANSITIONS

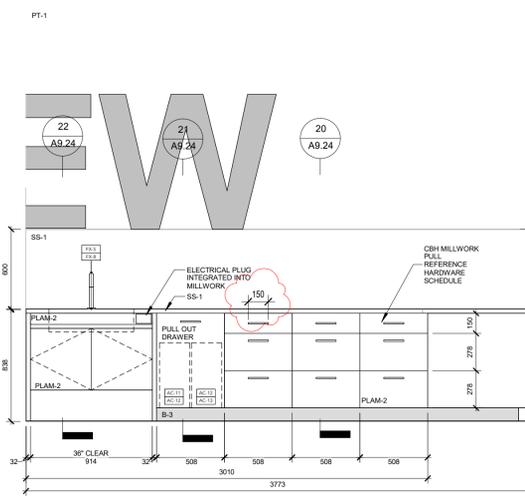
A8.10



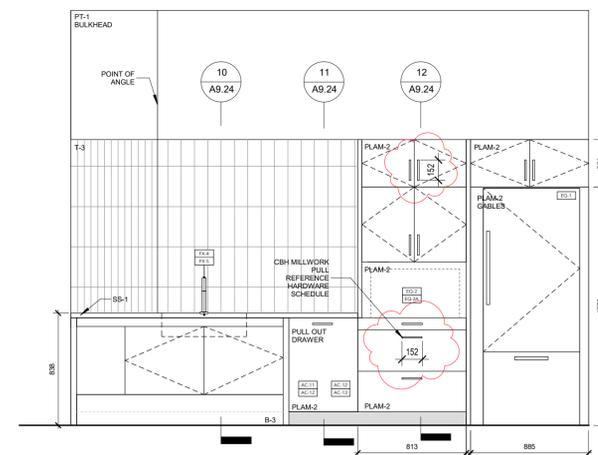
M120 3D 31
A9.08



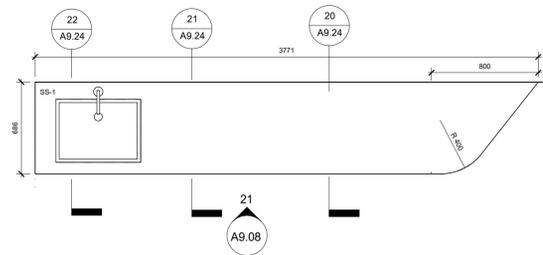
M110 3D 30
A9.08



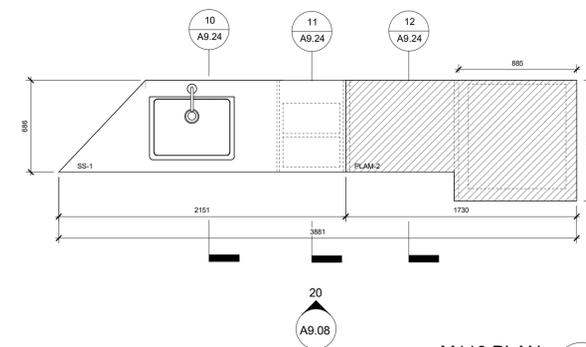
M120 ELEVATION 21
1 : 25 A9.08



M110 ELEVATION 20
1 : 25 A9.08



M120 PLAN 11
1 : 25 A9.08



M110 PLAN 10
1 : 25 A9.08

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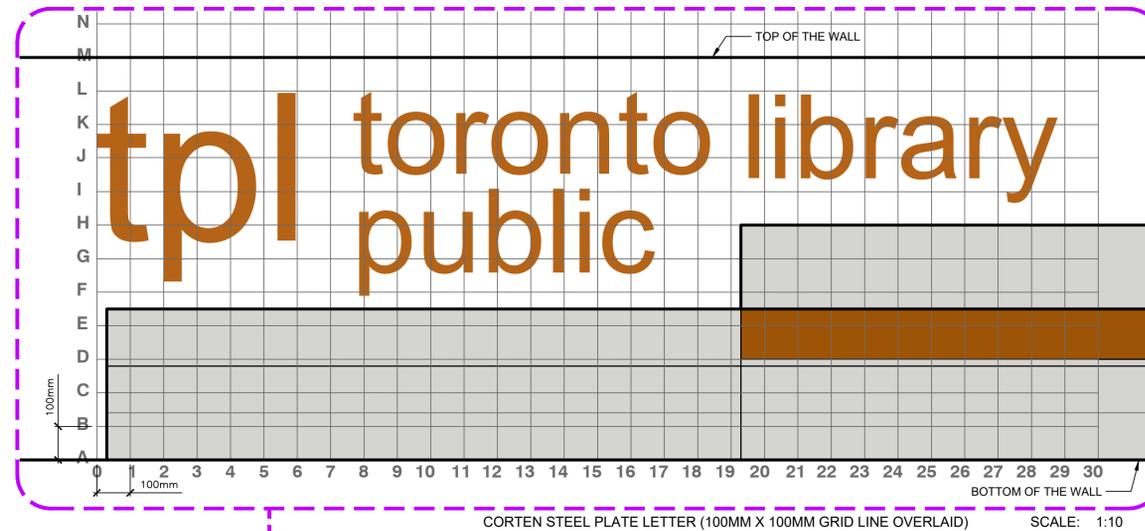
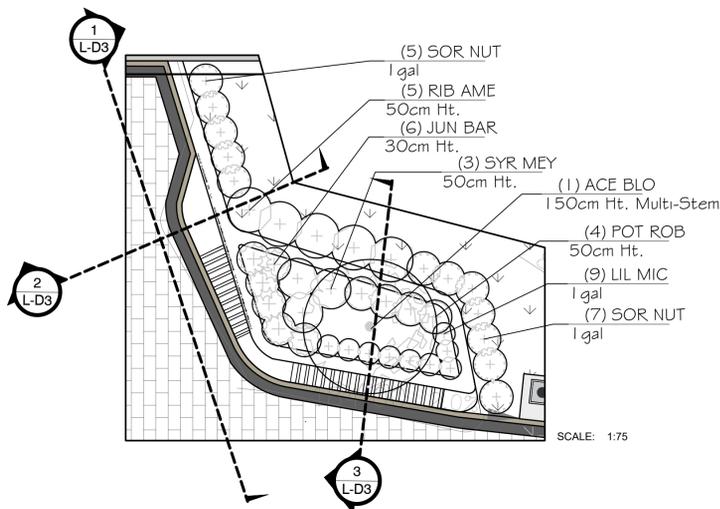
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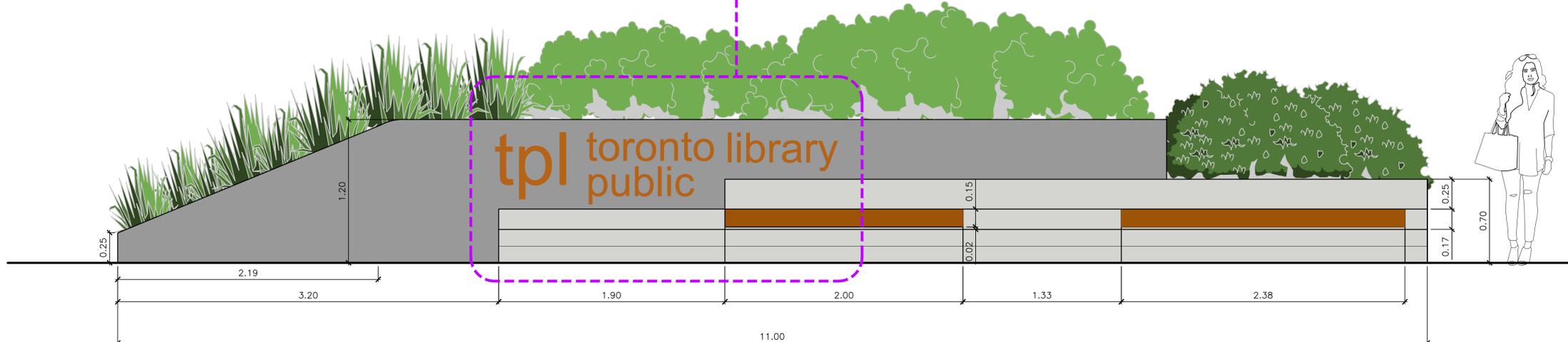
As indicated @24x36

MILLWORK - KITCHENETTE

A9.08

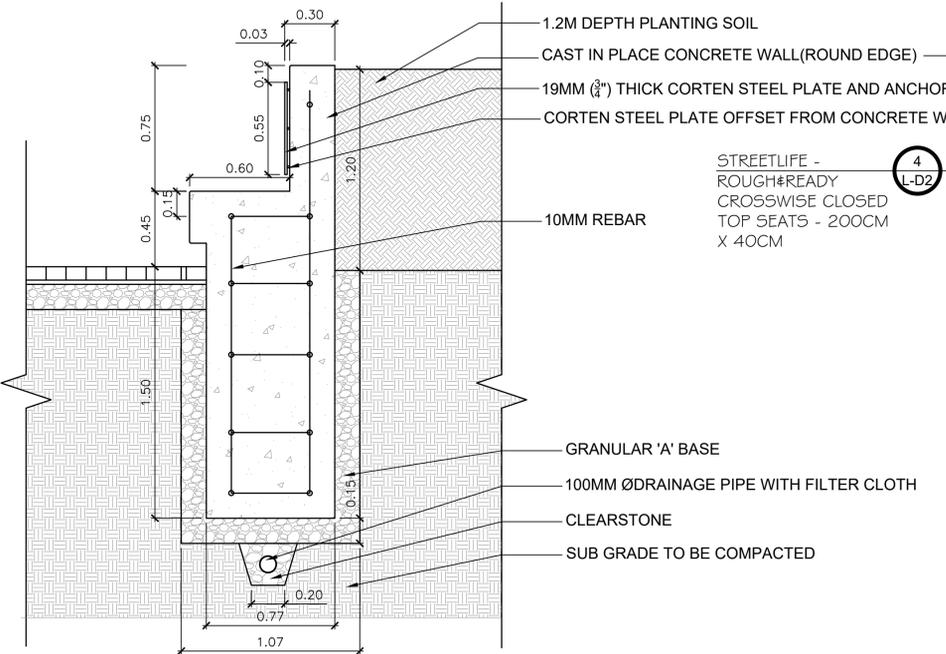


***NOTE:**
LETTERS SHALL BE LASER-CUT FROM 19MM (3/4") THICK CORTEN STEEL PLATE. THE CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR REVIEW AND APPROVAL.



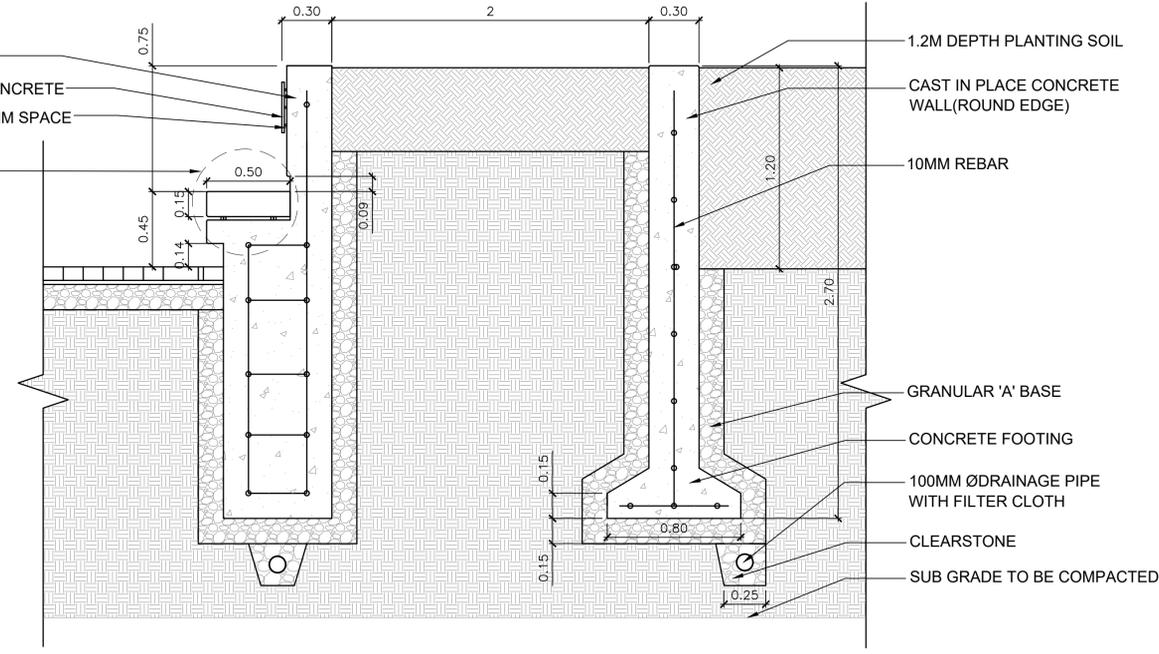
1 ENTRANCE SIGN - ELEVATION
(ALL DIMENSIONS IN METERS)

***NOTE:**
CONTRACTOR TO PROVIDE THE STRUCTURAL STAMPED SHOP DRAWING FOR REVIEW & APPROVAL



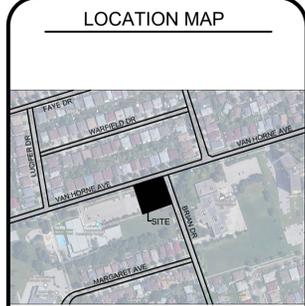
2 ENTRANCE SIGN - DETAIL SECTION 1
SCALE: 1:20

***NOTE:**
CONTRACTOR TO PROVIDE THE STRUCTURAL STAMPED SHOP DRAWING FOR REVIEW & APPROVAL



3 ENTRANCE SIGN - DETAIL SECTION 2
SCALE: 1:20

***NOTE:**
CONTRACTOR TO PROVIDE THE STRUCTURAL STAMPED SHOP DRAWING FOR REVIEW & APPROVAL



GENERAL NOTES

THE LOCATION OF PROPERTY LINES, ELEVATIONS AND FACILITIES ON THIS PLAN WERE DRAWN ON THE BASIS OF A DIGITAL SITE PLAN OR SURVEY DATA PROVIDED BY OTHER CONSULTANTS.
IT IS THE RESPONSIBILITY OF THE CLIENT AND HIS CONTRACTORS TO CONFIRM THE ACCURACY OF THE SETBACKS, LOCATIONS AND GRADES ETC. ANY VARIATIONS BETWEEN EXISTING CONDITIONS AND THIS PLAN SHOULD BE ADVISED ON SITE AND REPORTED TO THE CONSULTING LANDSCAPE ARCHITECT TO DETERMINE THE IMPACT OF THE VARIATIONS ON THE SUITABILITY OF THE PROPOSED DEVELOPMENT.
CONSTRUCTION MUST CONFORM TO ALL CODES AND REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

REVISIONS

NO.	DATE	NOTES	BY
10	2025-05-15	ISSUED FOR ADDENDUM	LZH
9	2025-04-01	ISSUED FOR TENDER	LZH
8	2024-10-01	ISSUED FOR PERMIT REVIEW	LZH
7	2024-07-26	REVISED PER COMMENTS	LZH
6	2024-05-30	REVISED PER COMMENTS	KT
5	2024-02-05	REVISED PER COMMENTS	YW
4	2023-10-20	REVISED PER COMMENTS	YW
3	2023-05-01	REVISED PER COMMENTS	KT
2	2023-02-09	ISSUED FOR CLASS B COSTING	LZH
1	2022-10-20	ISSUED FOR CLASS C COSTING	LZH

CONCEPTUAL	TENDER
<input type="checkbox"/>	<input type="checkbox"/>



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DETAIL PLAN

DRAWN BY: LZH	SCALE: AS SHOWN	L-D3 DRAWING 6 of 7
CHECKED BY: KF	DATE: OCT. 2022	
JOB NO.:	2022-120	

ADDENDUM 2 **00 91 13 01**

The information listed below is to form part of the Contract Documents. All associated costs are to be included in Tender Price shown on Tender Form. Acknowledgment of this Addendum, by number, to be shown in space provided on Tender Form.

1 ELECTRICAL DRAWINGS

1.1 E-001 – Electrical Symbols & Abbreviations (Re-Issued)

- .1 Revise floor box symbols.

1.2 E-311 – Power & Systems New Work Plan (Re-issued)

- .1 Revise locations of power feeds to HUM-1 and EWH-1.
- .2 Add General Note 7.
- .3 Revise note for flush-mount concrete box.

2 MECHANICAL DRAWINGS

2.1 M-201 – Mechanical Schedules (Not re-issued)

- .1 Add FND-1 under plumbing fixture connections schedules:

TAG	DESCRIPTION	SAN	V	CW	HW	REMARKS
FND-1	FUNNEL DRAIN	2"	2"	-	-	PROVIDE CW CONNECTION AND ROUTE TO ELECTRONIC TRAP PRIMER.

2.2 M-202 – Plumbing Riser Diagrams (Not Re-Issued)

- .1 Revise the FD-1 in Janitors 116 to FFD-1.
- .2 Add new drain cooler and associated plumbing connections above Staff Washroom 111.
- .3 Add new funnel drain (FND-1) above LAV-3 in Staff Washroom 111.

2.3 M-311 – Plumbing and Fire Protection Level 01 New Work Plan (Re-Issued)

- .1 Revise equipment locations and plumbing distribution in Janitor 116.
- .2 Revise floor drain to funnel floor drain in Janitor 116.
- .3 Revise Drawing Note #4.
- .4 Add new drain cooler above Staff Washroom 111 and provide plumbing services.

2.4 M-411 – HVAC Level 01 New Work Plan (Re-issued)

- .1 Add Drawing Notes #3 & #4.
- .2 Revise the equipment locations in Janitor 116.

.3 Revise LPS and LPR distribution.

.4 Revise LPS sizing.

2.5 M-803 – Mechanical Details Sheet 3 (Re-issued)

.1 Revise 6/803, Detail – Drain Cooler.

END OF ADDENDUM

END OF SECTION

ABBREVIATIONS

GENERAL	
BFG	BELOW FINISHED GRADE
AFF	ABOVE FINISHED FLOOR
CW	COMPLETE WITH
DWG	DRAWING
EC	EXISTING ITEM TO REMAIN & BE RECIRCUITED
EM	EMERGENCY
ER	EXISTING ITEM TO BE RELOCATED
EX	EXISTING ITEM TO REMAIN
BOM	BILL OF MATERIALS
MM	MILLIMETERS
MTD	MOUNTED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
IN	INCHES
RL	RELOCATED ITEM
SBO	SUPPLIED BY OTHERS, INSTALLED BY DIV. 26
SIM	SIMILAR
STD	STANDARD
TYP	TYPICAL
WP	WEATHERPROOF
HD	HAND DRYER

ELECTRICAL	
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BND	BOND
BAS	BUILDING AUTOMATION SYSTEM
BMS	BUILDING MANAGEMENT SYSTEM
C	CONDUIT
CB	CIRCUIT BREAKER
EMT	ELECTRICAL METALLIC TUBING
GFI	GROUND FAULT INTERRUPTOR
GND	GROUND
LCP	LIGHTING CONTROL PANEL
MCC	MOTOR CONTROL CENTRE
SWBD	SWITCHBOARD
SG	SWITCHGEAR
SUB	SUBSTATION
UPS	UNINTERRUPTIBLE POWER SUPPLY
P	POLE
PH	PHASE
TL	TWIST-LOCK
W	WIRE

MECHANICAL EQUIPMENT	
AC	AIR CONDITIONING
ACCU	AIR COOLED CONDENSING UNIT
AHU	AIR HANDLING UNIT
ATC	AUTOMATIC TEMPERATURE CONTROL
BB	BYPASS BOX
BBH	BASEBOARD HEATER
CP	CONDENSATE PUMP
CRAC	COMPUTER ROOM AIR CONDITIONER
CU	CONDENSING UNIT
EDH	ELECTRIC DUCT HEATER
EF	EXHAUST FAN
EUH	ELECTRIC UNIT HEATER
EWB	ELECTRIC WATER HEATER
FCU	FAN COIL UNIT
FPB	FAN POWERED BOX
HUM	HUMIDIFIER
LAV	LAVATORY
RTU	ROOFTOP UNIT
SK	SINK
TP	TRAP PRIMER
TF	TRANSFER FAN
VAV	VARIABLE AIR VOLUME BOX
WC	WATER CLOSET

MISCELLANEOUS	
AV	AUDIO VISUAL
CM	COFFEE MACHINE
CO	CLEANING OUTLET / HOUSEKEEPING
COMM	COMMUNICATIONS
DW	DISHWASHER
EFP	ELECTRIC FIREPLACE
FA	FIRE ALARM
FR	REFRIGERATOR
HD	HAND DRYER
IM	ICE MACHINE
MW	MICROWAVE
OV	ELECTRIC OVEN
PR	PRINTER
TO	TOASTER OVEN
SGN	DIGITAL SIGNAGE

NOTES:
1. ABBREVIATION LISTS ARE FOR REFERENCE ONLY. NOT ALL ABBREVIATIONS SHOWN ON ABBREVIATION LIST ARE USED IN PROJECT.

SYMBOLS

WIRING DEVICES	
	DUPLEX RECEPTACLE (NEMA 5-15R), WALL-MOUNTED
	DUPLEX RECEPTACLE WITH 2 USB-C CONNECTIONS (LEGRAND CAT. TR20USBPDW, OAE), WALL-MOUNTED
	QUADRUPLIX RECEPTACLE (NEMA 5-15R), WALL-MOUNTED
	DUPLEX RECEPTACLE (NEMA 5-20R), WALL MOUNTED
	DUPLEX RECEPTACLE (NEMA 5-20R), WALL MOUNTED, ABOVE COUNTER
	QUADRUPLIX RECEPTACLE (NEMA 5-20R), WALL MOUNTED
	SIMPLEX RECEPTACLE, WALL-MOUNTED (SPECIFICATIONS ON PLAN)
	SPECIALTY RECEPTACLE (SPECIFICATIONS ON PLAN)
	DUPLEX RECEPTACLE (NEMA 5-15R), CEILING-MOUNTED
	QUADRUPLIX RECEPTACLE (NEMA 5-20R), CEILING-MOUNTED
	DIRECT POWER CONNECTION

	DUPLEX RECEPTACLE (NEMA 5-15R), FLOOR-MOUNTED
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	QUADRUPLIX RECEPTACLE (NEMA 5-15R), FLOOR-MOUNTED
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	COMBINATION FLOOR MONUMENT (POWER AND DATA)
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	COMBINATION FLOOR MONUMENT (POWER AND DATA)
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	COMBINATION FLOOR MONUMENT (POWER, DATA, AV)
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	COMBINATION FLOOR MONUMENT (POWER, DATA, AV)
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	FURNITURE SYSTEM POWER AND COMMUNICATIONS FEED, FLOOR-MOUNTED
	DENOTES BOX TO BE RECESSED INTO FLOOR WHERE INDICATED
	DENOTES BOX TO BE PART OF CONNECTRAC RACEWAY SYSTEM WHERE INDICATED
	FURNITURE SYSTEM POWER AND COMMUNICATIONS FEED, WALL-MOUNTED
	JUNCTION BOX, WALL-MOUNTED
	CEILING MOUNTED JUNCTION BOX
	FLOOR MOUNTED JUNCTION BOX
	LOW VOLTAGE TRANSFORMER
	WALL MOUNTED DIGITAL WIFI CLOCK (SAPLING SBW 3000 SERIES), PROVIDE HARDWIRED POWER CONNECTION
	REMOVAL WORK

TELECOMMUNICATIONS SYSTEM	
	WIRELESS ACCESS POINT (WAP)
	WALL MOUNTED DATA OUTLET, PROVIDE (X) RJ45 JACK AND (X) CAT 6A FI/FTP CABLE FROM SERVER ROOM
	'X' - DENOTES THE NUMBER OF DATA DROPS (DEFAULT IS 1 DATA DROP)
	WALL MOUNTED TELEPHONE OUTLET, PROVIDE (X) RJ45 JACK AND (X) CAT 6A FI/FTP CABLE FROM SERVER ROOM
	'X' - DENOTES THE NUMBER OF DROPS (DEFAULT IS 1 DROP)
	DATA OUTLET, FURNITURE-MOUNTED
	DATA OUTLET, FLOOR-MOUNTED
	DATA OUTLET, CEILING-MOUNTED
	AV DATA OUTLET, CEILING-MOUNTED
	AV OUTLET, WALL-OR FURNITURE MOUNTED
	SECURITY CAMERA OUTLET
	ACCESS CONTROL DEVICE
	AV EQUIPMENT OUTLET, FLOOR-MOUNTED
	TABLETOP BOX
	CEILING MOUNTED AV SPEAKERS
	WALL MOUNTED AV SPEAKERS
	WALL MOUNTED CLOCK

FIRE ALARM SYSTEM	
	FIRE ALARM PULL STATION
	FIRE ALARM HORN
	FIRE ALARM BELL
	COMBINATION FIRE ALARM BELL / STROBE
	COMBINATION FIRE ALARM HORN / STROBE
	FIRE ALARM STROBE LIGHT, WALL-MOUNTED
	FIRE ALARM STROBE LIGHT, CEILING-MOUNTED
	FIRE ALARM SPEAKER
	FIRE ALARM SPEAKER, WALL-MOUNTED
	SMOKE DETECTOR (PHOTOELECTRIC)
	HEAT DETECTOR, RATE-OF-RISE
	HEAT DETECTOR, FIXED TEMPERATURE
	HEAT DETECTOR, COMBINATION RATE-OF-RISE & FIXED TEMPERATURE
	FIRE FIGHTER TELEPHONE
	FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR
	DATA GATHERING PANEL
	END-OF-LINE DEVICE
	CONTROL MODULE OUTPUT RELAY
	MONITOR MODULE INPUT RELAY

POWER	
	FUSED DISCONNECT SWITCH
	'A' - DENOTES FRAME RATING
	'B' - DENOTES FUSE SIZE
	UN-FUSED DISCONNECT SWITCH
	'A' - DENOTES FRAME RATING
	CIRCUIT BREAKER
	'B' - DENOTES FRAME SIZE
	'A' - DENOTES TRIP SETTING
	SURGE PROTECTION DEVICE
	COMBINATION DAMPER, FIRE / SMOKE DAMPER
	GROUND BUS BAR, WALL-MOUNTED
	MECHANICAL MOTOR/ EQUIPMENT CONNECTION

SECURITY & DOOR HARDWARE	
	CARD READER (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	DOOR CHIME
	DOOR / SERVICE BELL
	DOOR CONTACT
	MAGNETIC DOOR HOLDER
	AUTOMATIC DOOR OPENER
	DOOR RELEASE HARDWARE (GENERIC, TO BE COORDINATED WITH SECURITY DESIGN)
	ELECTRIC STRIKE (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	PUSH-TO-LOCK BUTTON (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	ELECTROMAGNETIC LOCK (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	POWER TRANSFER HINGE (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	REQUEST TO EXIT MOTION SENSING DEVICE (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	PUSH BUTTON (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	PANIC ALARM PUSH BUTTON (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	BREAK GLASS SENSOR (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	WALL MOUNTED MOTION DETECTOR (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	CLOSED CIRCUIT SECURITY CAMERA (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	CLOSED CIRCUIT SECURITY CAMERA, (PAN-TILT-ZOOM), (4" JUNCTION BOX ROUGH-IN; DEVICE BY SECURITY VENDOR)
	ACCESS CONTROL PANEL
	ACCESS CONTROL POWER SUPPLY

PANELBOARDS & CABINETS	
	SURFACE TYPE PANELBOARD
	FLUSH (RECESSED) TYPE PANELBOARD
	LIGHTING PANELBOARD
	BRANCH CIRCUIT: 600/347V
	DISTRIBUTION PANELBOARD BRANCH CIRCUIT: 600/347V OR 208/120V
	RECEPTACLE PANELBOARD BRANCH CIRCUIT: 208/120V

CONDUIT & RACEWAY SYSTEMS	
	JUNCTION BOX
	PULL BOX
	CONDUIT RUN CONCEALED IN CEILING SPACE OF FLOOR BELOW AND/OR IN WALLS
	EMBEDDED/BURIED CONDUIT
	CONNECTRAC RACEWAY
	LOW-PROFILE SURFACE MOUNTED 2-CHANNEL RACEWAY, WITH OUTLETS SHOWN
	LOW-PROFILE SURFACE MOUNTED 3-CHANNEL RACEWAY, WITH OUTLETS SHOWN

PUBLIC ADDRESS LEGEND	
	IN-CEILING FULL RANGE LOUDSPEAKER, MIN 16 AWG CABLE TO AMPLIFIER, MOUNTING ACCESSORIES TO SUIT THE CEILING TYPE
	MICROPHONE
	AV EQUIPMENT RACK

COMMUNICATIONS CONDUIT FILL SCHEDULE			
CONDUIT SIZE	MAX. No. OF CAT. 6 OR 6A CABLES ALLOWED		
	No. OF RACEWAY BENDS		
	0	1	2
1	6	5	4
1 1/4	10	8	7
1 1/2	13	11	9
2	22	19	15
2 1/2	38	32	27
3	57	49	40
3 1/2	75	64	52
4	96	82	67

*CALCULATION BASED UPON 40% FILL @ 28 INCH CABLE O.D. CONDUIT SHALL BE MINIMUM 1" INNER DIAMETER.

LIGHTING & LIGHTING CONTROL	
	LIGHTING FIXTURE (REFER TO LIGHTING FIXTURE SCHEDULE FOR TYPE)
	'A' - DENOTES SWITCH DESIGNATION
	'1' - DENOTES PANEL DESIGNATION & CIRCUIT NUMBER
	EXIT LIGHT AND OUTLET BOX, CEILING-MOUNTED
	PROVIDE DIRECTIONAL ARROWS AS INDICATED
	SHADED AREA DENOTES FACE(S) UPON WHICH 'EXIT' APPEARS
	EXIT LIGHT AND OUTLET BOX, WALL-MOUNTED
	PROVIDE DIRECTIONAL ARROWS AS INDICATED
	SHADED AREA DENOTES FACE(S) UPON WHICH 'EXIT' APPEARS
	EXIT SIGN AND REMOTE EMERGENCY HEADS COMBO UNIT, WALL-MOUNTED
	OCCUPANCY SENSOR, CEILING-MOUNTED
	'A' - DENOTES LIGHTING CONTROL ZONE
	0-10V DIMMER SWITCH, TO BE USED WITH OCCUPANCY SENSOR. DIMMER TO SUIT APPLICATION.
	'A' - DENOTES LIGHTING CONTROL ZONE
	PHOTOSENSOR / DAYLIGHT SENSOR C
	'A' - DENOTES LIGHTING CONTROL ZONE
	PHOTOCCELL
	TIME CLOCK / TIMER SWITCH
	EMERGENCY REMOTE ONE (1) HEAD, WALL-MOUNTED
	EMERGENCY REMOTE TWO (2) HEAD, WALL-MOUNTED
	EMERGENCY REMOTE THREE (3) HEAD, WALL-MOUNTED
	EMERGENCY REMOTE ONE (1) HEADS, CEILING-MOUNTED
	EMERGENCY REMOTE TWO (2) HEADS, CEILING-MOUNTED
	EMERGENCY REMOTE THREE (3) HEADS, CEILING-MOUNTED
	PANIC LIGHT/OCCUPIED LIGHT
	EMERGENCY UNIT EQUIPMENT (C/W TWO (2) HEADS)

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G2	ISSUED FOR ADDENDUM 2	2025-05-16
G1	ISSUED FOR ADDENDUM 1	2025-05-08
G	ISSUED FOR TENDER	2025-04-01
F	ISSUED FOR COST ESTIMATE	2025-03-14
E	ISSUED FOR PERMIT	2024-09-27
D	ISSUED FOR 85% CD REVIEW	2023-11-08
C	ISSUED FOR 50% CD REVIEW	2023-08-16
A	ISSUED FOR 100% DD	2023-02-09
00	ISSUE	DATE

ELECTRICAL DRAWING LIST

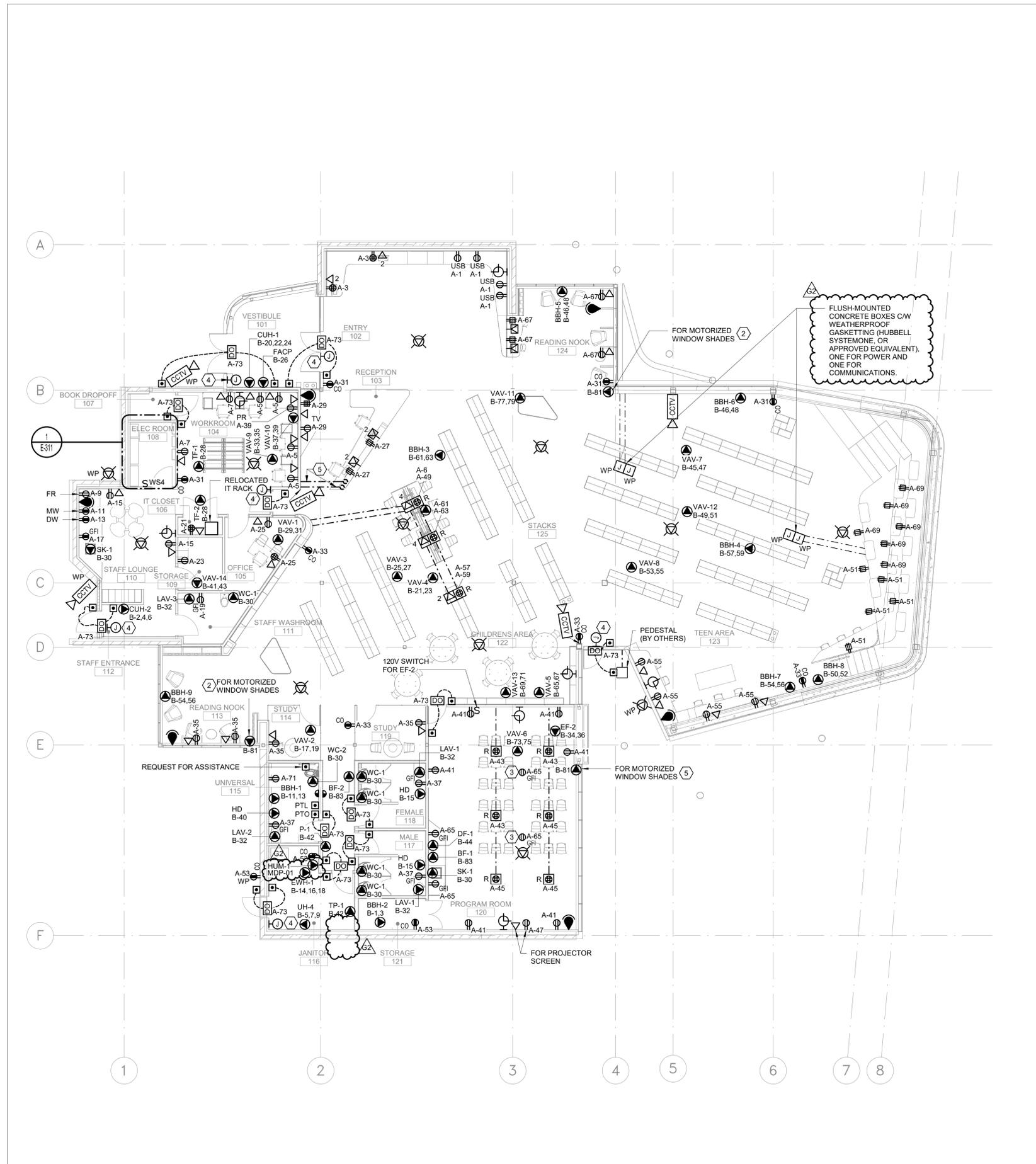
SHEET NUMBER	SHEET TITLE
E-001	ELECTRICAL SYMBOLS & ABBREVIATIONS
E-201	ELECTRICAL SCHEMATICS
E-202	ELECTRICAL PANEL SCHEDULES
E-301	ELECTRICAL LEVEL 01 DEMOLITION PLAN
E-302	ELECTRICAL ROOF LEVEL DEMOLITION PLAN
E-311	POWER & SYSTEMS LEVEL 01 NEW WORK PLAN
E-312	ELECTRICAL ROOF LEVEL NEW WORK PLAN
E-320	ELECTRICAL SITE PLAN
E-321	LIGHTING SITE PLAN
E-411	LIGHTING & LIFE SAFETY LEVEL 01 NEW WORK PLAN
E-511	FIRE ALARM LEVEL 01 NEW WORK PLAN
E-601	ELECTRICAL DETAILS SHEET 1
E-602	ELECTRICAL DETAILS SHEET 2
E-603	ELECTRICAL DETAILS SHEET 3



N.T.S. @24x36

ELECTRICAL SYMBOLS & ABBREVIATIONS

E-001



3 PLAN - GROUND FLOOR
E-311 1:100

1.0 0.0 2.0 4.0M

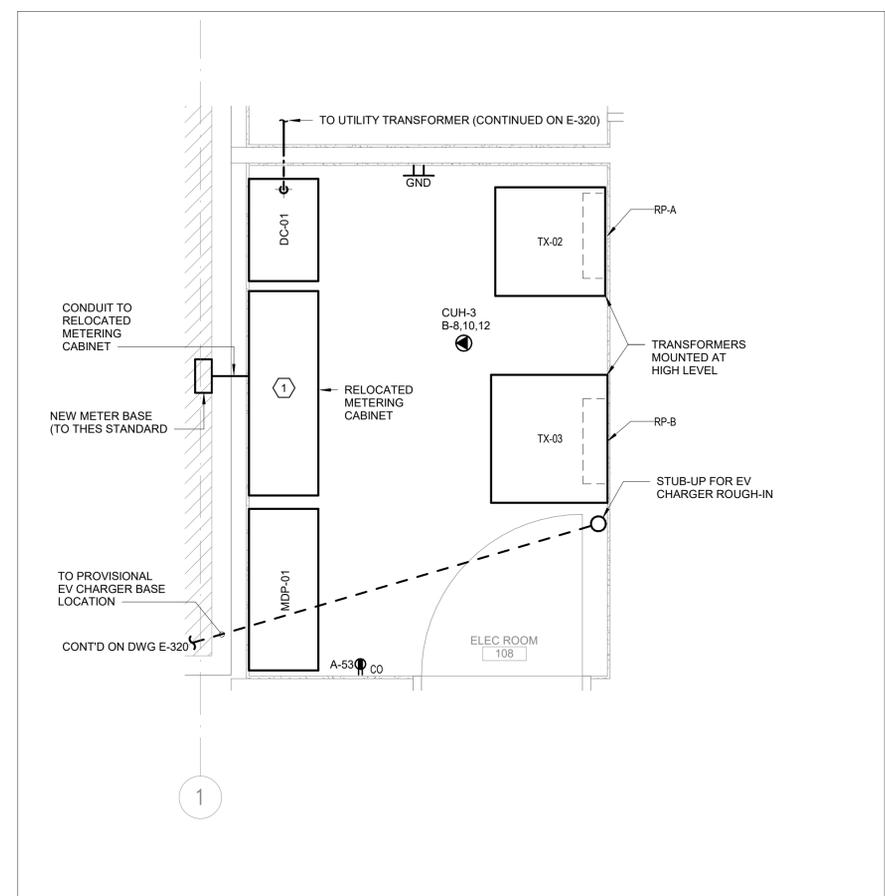
GENERAL NOTES:

- ELECTRICAL CONTRACTOR SHALL PROVIDE BACK BOXES FOR SECURITY DEVICES AS REQUIRED BY THE OWNER'S SECURITY SYSTEM CONTRACTOR.
- FOR POWER AND DATA DEVICES MARKED AS EX, REMOVE EXISTING DEVICES AND WIRING, BUT LEAVE BACK BOXES AND CONDUIT TO CEILING SPACE OR NEAREST JUNCTION BOX AS IS. CONTRACTOR TO PROVIDE NEW DEVICES, CONDUIT TO ELECTRICAL ROOM (OR IT ROOM), AND WIRING; CIRCUITING FOR DEVICES AS INDICATED IN THE NEW POWER FLOOR PLANS.
- ALL SECURITY DEVICES SHOWN ARE PROVIDED BY SECURITY VENDOR. REFER TO SECURITY DRAWINGS. DIVISION 26 SHALL PROVIDE 4" JUNCTION BOX AND 27mm HOMERUN CONDUIT TO ACCESS CONTROL AND INTRUSION DETECTION SYSTEM, AS REQUIRED AND SHOWN IN SECURITY SYSTEM DESIGN. COORDINATE WITH SECURITY VENDOR.
- SECURITY EQUIPMENT HEAD END IS LOCATED IN IT CLOSET 106.
- PROVIDE CONDUITS C/W PULL STRINGS FOR RECESSED FLOOR BOXES TO WALLS AS INDICATED. RUN THESE CONDUITS THROUGH FLOOR TRENCH. COORDINATE TRENCHING REQUIREMENTS WITH ARCHITECTURAL.
- PROVIDE A SCOTIABELL 12" FLUSH-MOUNTED CLOCK AT EACH LOCATION INDICATED C/W A DOUBLE-GANG JUNCTION BOX. PROVIDE A CAT6 CABLE IN A 21mm CONDUIT FROM EACH CLOCK BACK TO IT CLOSET 106.
- RECESSED FLOOR BOXES ARE TO BE HUBBELL SYSTEM ONE (OR APPROVED EQUIVALENT), COORDINATE EXACT BOX SIZE AND TYPE WITH THE REQUIRED WIRING DEVICES SHOWN ON PLAN. ENSURE FLOOR BOXES HAVE WEATHERPROOF GASKETTING.

DRAWING NOTES:

- COORDINATE WITH TORONTO HYDRO INSPECTOR. METERING CABINET TO BE INSTALLED TO TORONTO HYDRO STANDARDS.
- DLM MOTORIZED WINDOW SHADES C/W MASTER OVERRIDE SWITCH AND DLM SHADE CONTROLLER (OR SIMILAR). REFER TO ARCHITECTURAL PLANS. CONTRACTOR TO PROVIDE POWER TO MOTORIZED WINDOW SHADES, AS INDICATED. PROVIDE ROUGH-IN C/W PULL STRING FOR MASTER OVERRIDE SWITCH ON THE WALL OF RECEPTION 103. REFER TO ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHT AND LOCATIONS. TIE-IN DLM SHADE CONTROLLER INTO THE NEW LIGHTING ROOM CONTROLLER SERVING LIGHTING ZONE 'a'. REFER TO DAYLIGHT HARVESTING SCHEMATIC DIAGRAM.
- REELCRAFT L 4035 163 3 - 16/3 35 FT. PREMIUM DUTY SINGLE RECEPTACLE POWER CORD REEL OR APPROVED EQUIVALENT WITH 5 METRE CORD LENGTH.
- PROVIDE 8" JUNCTION BOX FOR SECURITY HARDWARE ON SECURE SIDE OF DOOR COMPLETE WITH MINIMUM 27mm CONDUIT TO ACCESS CONTROL PANEL AND 21mm CONDUIT TO THE LOCAL CARD READER. COORDINATE WITH OWNER'S SECURITY VENDOR.
- CONTRACTOR TO TRENCH AND PROVIDE ONE (1) 35mmC (POWER) AND ONE (1) 35mmC (COMMS) CONDUIT AS SHOWN. CONDUIT TO STUB UP INTO MILLWORK. COORDINATE STUB UP WITH ARCHITECTURAL PLANS.

2 DRAWING NOTES
E-311



1 BLOW-UP - ELECTRICAL ROOM 108
E-311 1:20

0.2 0.0 0.4 0.8M

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F	ISSUED FOR TENDER	2025-04-01
F	ISSUED FOR COST ESTIMATE	2025-03-14
E	ISSUED FOR PERMIT	2024-09-27
D	ISSUED FOR 65% CD REVIEW	2023-11-08
C	ISSUED FOR 50% CD REVIEW	2023-06-16
A	ISSUED FOR 100% DD	2023-02-09
00	ISSUE	DATE



As indicated @24x36

POWER & SYSTEMS
LEVEL 01
NEW WORK PLAN

E-311

GENERAL NOTES THAT APPLY TO ALL DRAWINGS ON THIS SHEET:

- THIS DRAWING'S "EXISTING" PART IS ISSUED FOR REFERENCE PURPOSES, IT REPRESENTS AN INVENTORY OF THE MAIN EXISTING INSTALLATIONS, GENERALLY VERIFIED IN CONNECTION WITH THE MODIFICATIONS SHOWN ON THIS DRAWING'S "MODIFIED" PART, AND OF WHICH THE GENUINE CONDITIONS MUST BE OBSERVED ON THE SITE BY THE CONTRACTOR. CONTRACTOR SHALL VERIFY IN THE FIELD LOCATIONS OF EXISTING PLUMBING RISERS, WHICH ARE EXISTING TO REMAIN.



HATCH INDICATES AREAS NOT IN SCOPE

DRAWING NOTES:

- RELOCATED GAS METER ABOVE GRADE. PROVIDE ALL REQUIRED SUPPORTS AND PADS IN ACCORDANCE WITH UTILITY REQUIREMENTS. COORDINATE RELOCATION OF GAS METER AND PIPING WITH LOCAL GAS CO.
- 1/2" DRAIN LINE FROM NFRH-1. SPILL INTO MOP SINK IN JANITOR ROOM.
- PROVIDE ACCESSIBLE CLEANOUT DECK PLATE FOR ALL CLEANOUTS BELOW THE FLOOR. TYPICAL.
- PROVIDE NEW DRAIN COOLER AS MANUFACTURED BY DRISTEEM MODEL "DRAIN-KOOLER" OR AN APPROVED EQUAL AND INSTALL AS PER THE MANUFACTURER'S RECOMMENDATIONS. CONTRACTOR TO PROVIDE MOUNTING HARDWARE AS REQUIRED.

G2

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NO	ISSUE	DATE
G2	ISSUED FOR ADDENDUM 2	2025-05-16
G1	ISSUED FOR ADDENDUM 1	2025-05-08
G	ISSUED FOR TENDER	2025-04-01
F	ISSUED FOR COST ESTIMATE	2025-03-14
E1	PERMIT REVISION	2024-11-20
E	ISSUED FOR PERMIT	2024-09-27
D	ISSUED FOR 85% CD REVIEW	2023-11-08
C	ISSUED FOR 50% CD REVIEW	2023-06-16
A	ISSUED FOR 100% DD	2023-02-09
00	ISSUE	DATE

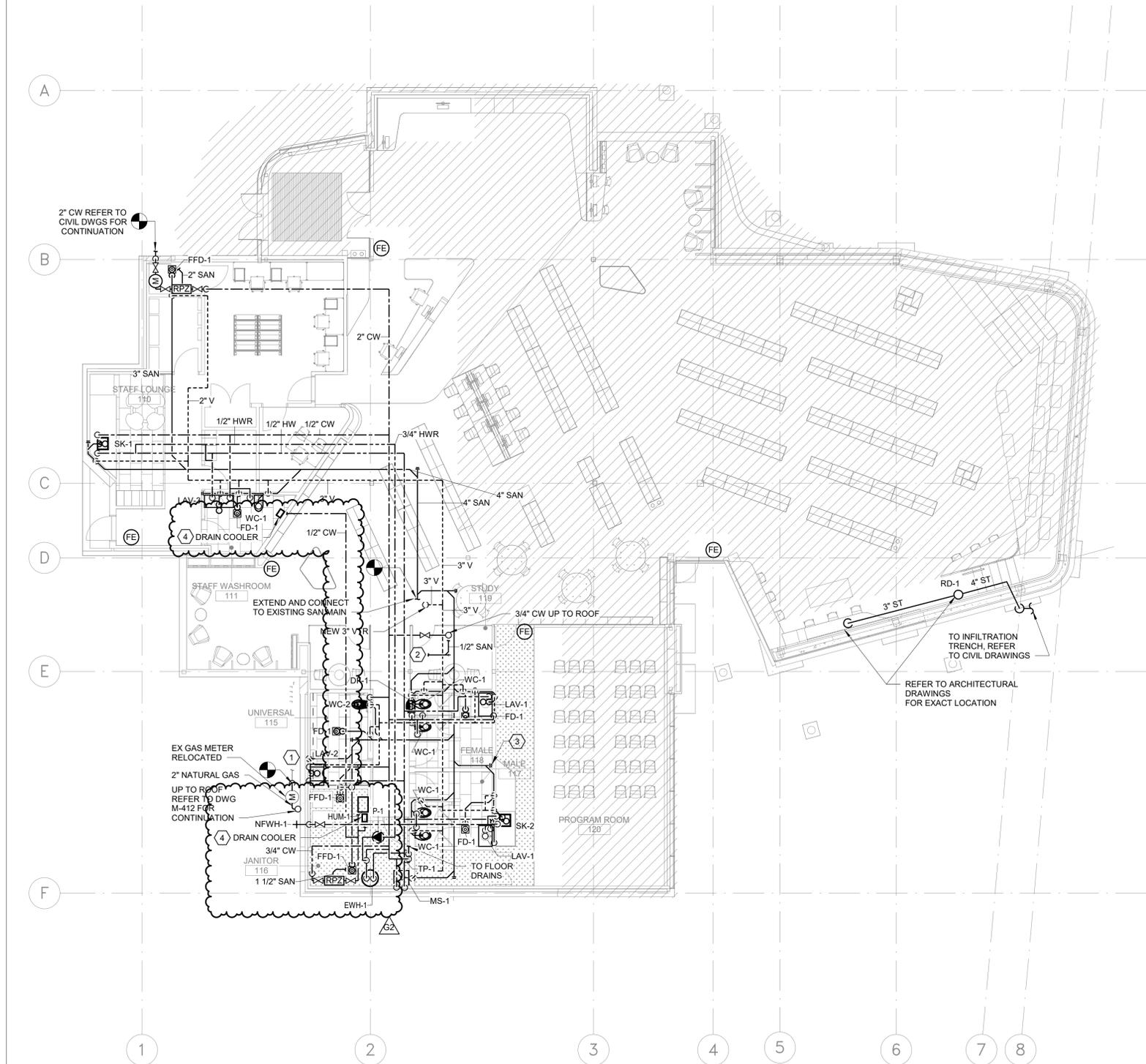
NOT USED



1 : 100 @24x36

**PLUMBING AND
FIRE PROTECTION
LEVEL 01
NEW WORK PLAN**

M-311



2 DRAWING NOTES
M-311

1 DETAIL - NOT USED
M-311 N.T.S.

3 PLAN - GROUND FLOOR
M-311/ 1:100

1.0 0.0 2.0 4.0M

GENERAL NOTES:

- THIS DRAWING IS ISSUED FOR REFERENCE PURPOSES, IT REPRESENTS AN INVENTORY OF THE MAIN EXISTING INSTALLATIONS, GENERALLY VERIFIED IN CONNECTION WITH THE MODIFICATIONS SHOWN ON THIS DRAWING'S "MODIFIED" PART, AND OF WHICH THE GENUINE CONDITIONS MUST BE OBSERVED ON THE SITE BY THE CONTRACTOR.



DRAWING NOTES:

- INTERLOCK MOTORIZED DAMPER WITH EXHAUST FAN "EF-2". MOTORIZED DAMPER SHALL BE NORMALLY OPEN. MOTORIZED DAMPER SHALL CLOSE WHEN EF-2 IS ON. INTERLOCKING BY MECHANICAL CONTROLS DIVISION. MECHANICAL DIVISION TO PROVIDE RELAY, TRANSFORMER, AND ANY NECESSARY ACCESSORIES TO MEET THE SEQUENCE OF OPERATION REQUIREMENTS.
- INTERLOCK MOTORIZED DAMPER WITH EXHAUST FAN "EF-2". MOTORIZED DAMPER SHALL BE NORMALLY CLOSED. MOTORIZED DAMPER SHALL OPEN WHEN EF-2 IS ON. INTERLOCKING BY MECHANICAL CONTROLS DIVISION. MECHANICAL DIVISION TO PROVIDE RELAY, TRANSFORMER, AND ANY NECESSARY ACCESSORIES TO MEET THE SEQUENCE OF OPERATION REQUIREMENTS.
- CONTRACTOR SHALL PROVIDE TWO (2) 3/4" LPR LINES WITH STEAM TRAPS TO BE INSTALLED AT LOW POINTS OF THE LPS SUPPLY LINE AS REQUIRED. THE 3/4" LPR LINES SHALL EXTEND BACK TO THE NEAREST LPR TERMINATION POINT OR CONNECT TO THE MAIN LPR LINE. ALLOW FOR A TOTAL OF 50 FEET OF NEW 3/4" LPR PIPING.
- SPILL 1-1/2" TEMPERED DISCHARGE FROM DRAIN COOLER INTO FUNNEL DRAIN ABOVE LAV-3.

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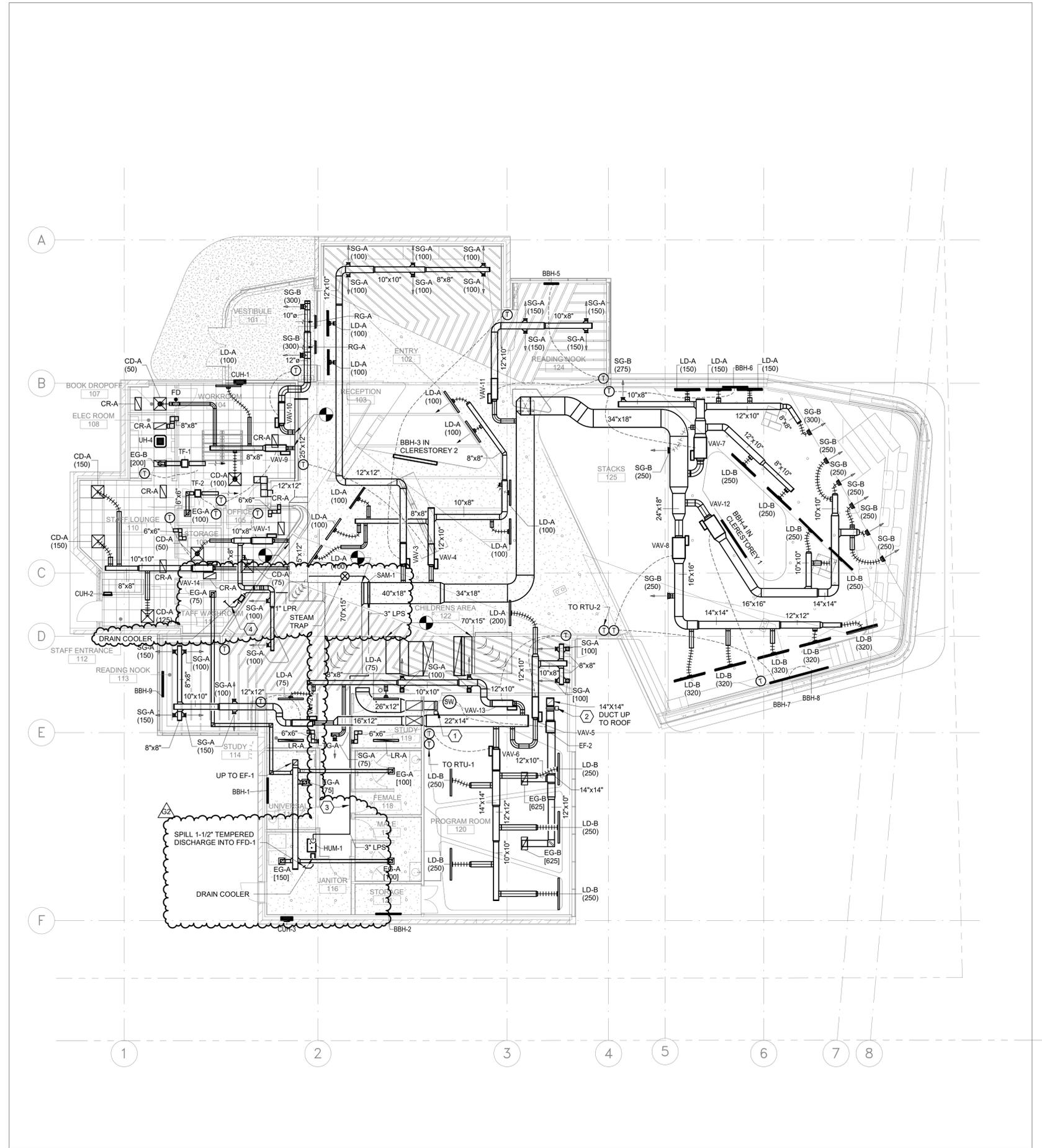
NO	ISSUE	DATE
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G1	ISSUED FOR ADDENDUM 1	2025-05-08
G	ISSUED FOR TENDER	2025-04-01
F	ISSUED FOR COST ESTIMATE	2025-03-14
E	ISSUED FOR PERMIT	2024-09-27
D	ISSUED FOR 65% CD REVIEW	2023-11-08
C	ISSUED FOR 50% CD REVIEW	2023-06-16
A	ISSUED FOR 100% DD	2023-02-09
00	ISSUE	DATE



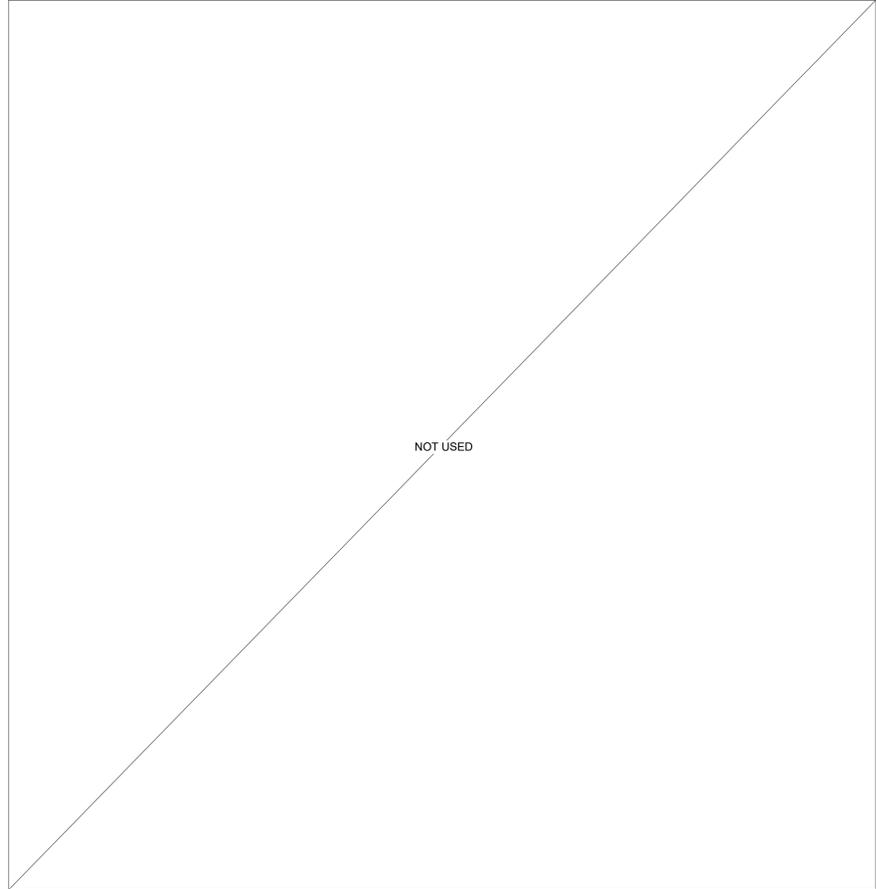
1 : 100 @24x36

HVAC
LEVEL 01
NEW WORK PLAN

M-411



2 DRAWING NOTES
M-411



3 PLAN - GROUND FLOOR
M-411/ 1:100



1 DETAIL - NOT USED
M-411/ N.T.S.

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E	ISSUED FOR PERMIT	2024-09-27
D	ISSUED FOR 85% CD REVIEW	2023-11-08
00	ISSUE	DATE



N.T.S. @24x36

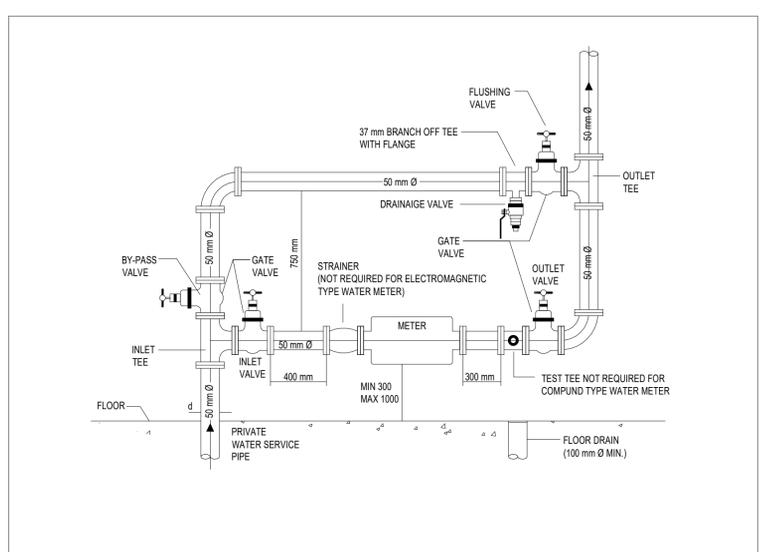
**MECHANICAL
DETAILS
SHEET 3**

M-803

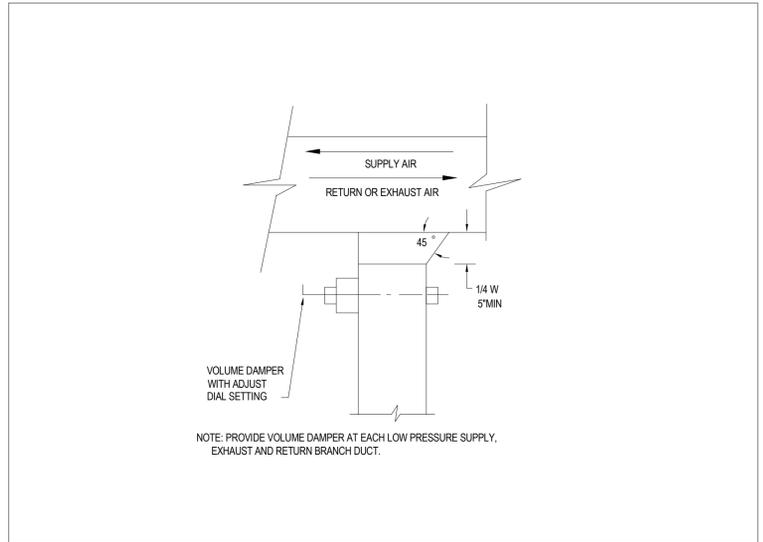
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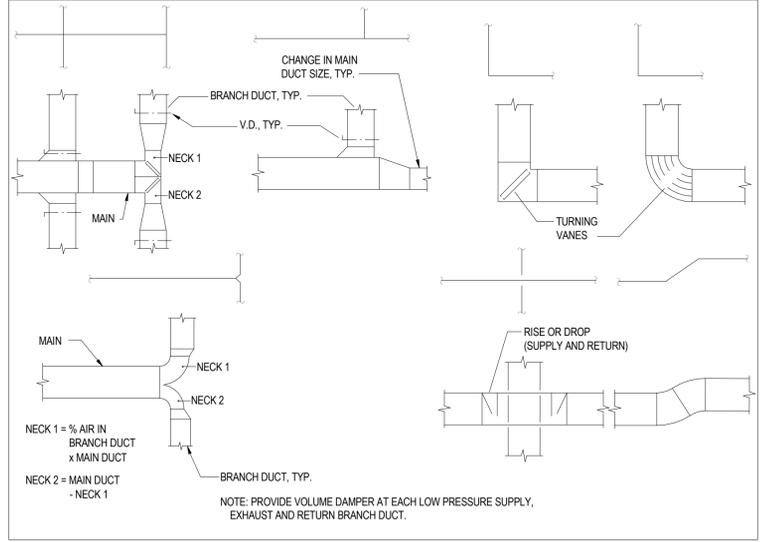
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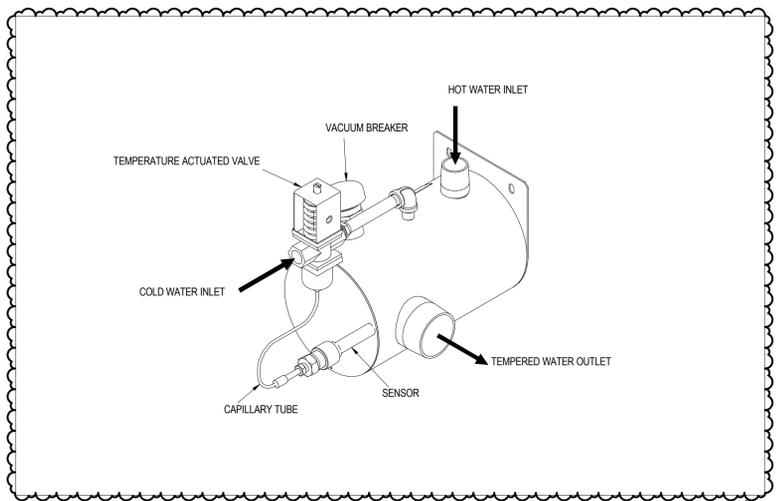
8 DETAIL - WATER METER
M-803 / N.T.S.



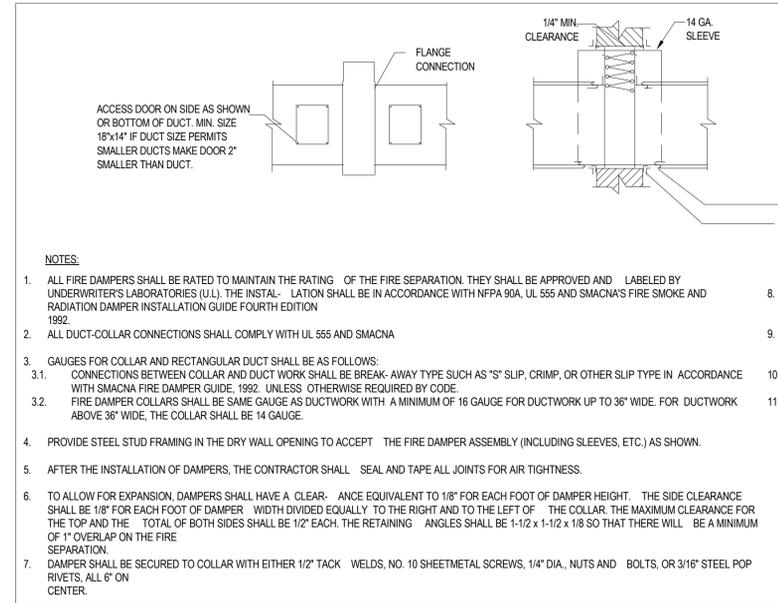
7 DETAIL - DUCT BRANCH TAKEOFF FOR LOW PRESSURE DUCT WORK
M-803 / N.T.S.



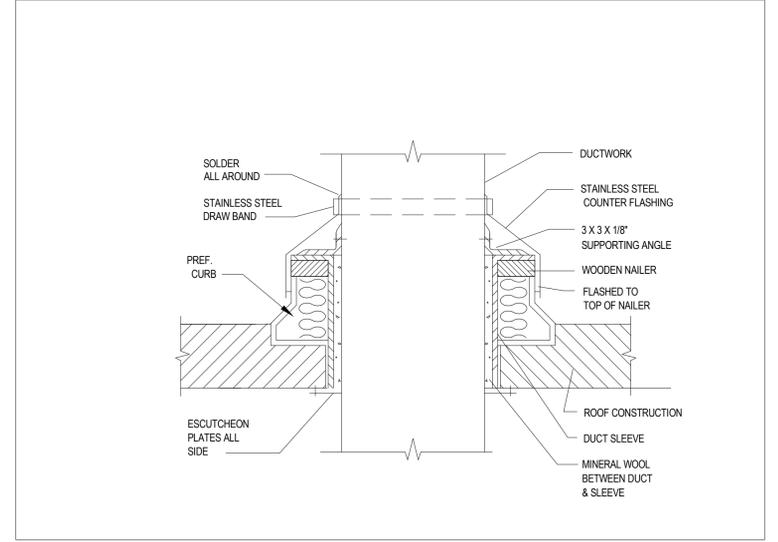
6 DETAIL - TYPICAL SINGLE LINE DUCT EQUIVALENTS
M-803 / N.T.S.



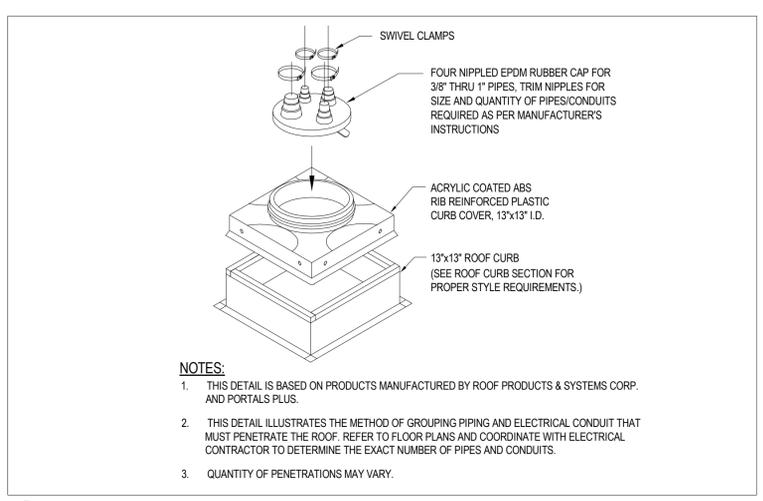
5 DETAIL - DRAIN COOLER
M-803 / N.T.S.



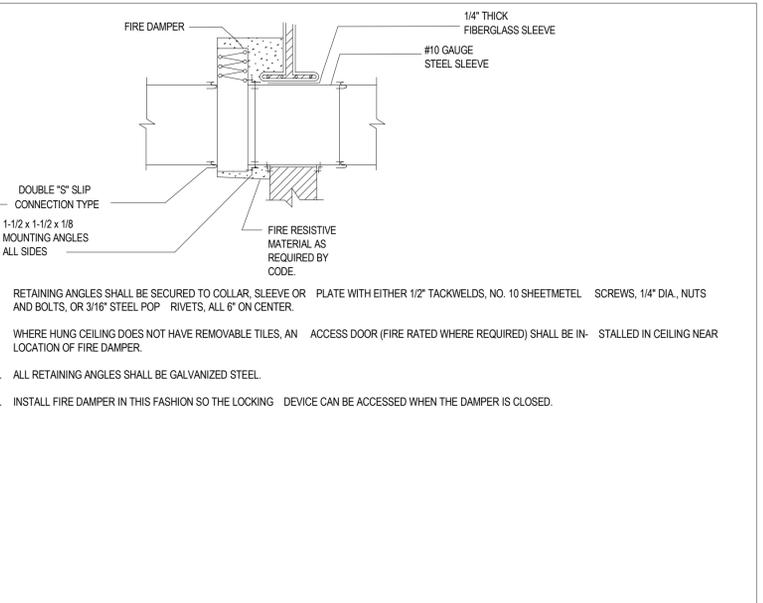
2 DETAIL - FIRE DAMPER DUCT
M-803 / N.T.S.



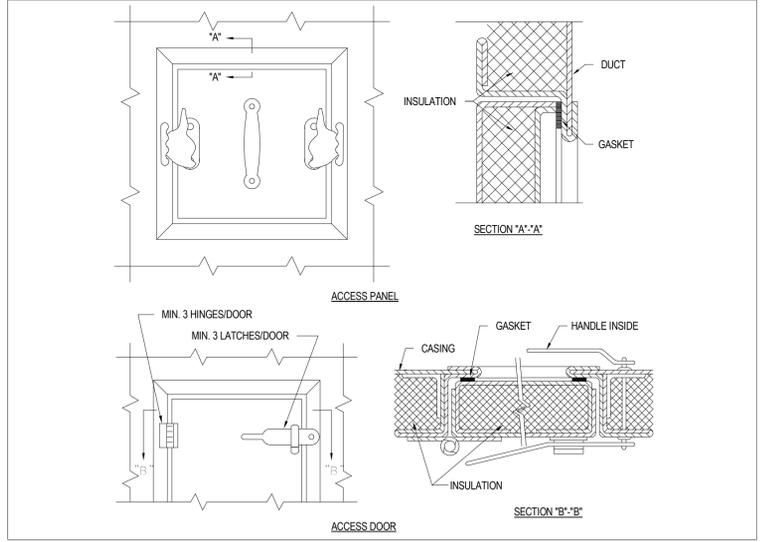
4 DETAIL - DUCT PENETRATION THROUGH ROOF
M-803 / N.T.S.



3 DETAIL - PIPE/CONDUIT ROOF PORTAL FOR MULTIPLE PENETRATIONS
M-803 / N.T.S.



1 DETAIL - ACCESS DOOR & PANEL
M-803 / N.T.S.



1 DETAIL - ACCESS DOOR & PANEL
M-803 / N.T.S.