

**NRC ADVANCED MANUFACTURING PROGRAM (AMP)
WINNIPEG, MB**

ISSUED BY



ALL BIDDERS SHALL READ THE ENTIRE ADDENDUM AND TAKE INTO ACCOUNT AS PART OF THE TENDER DOCUMENTS.

WHERE A REVISION IS CALLED FOR IN A DRAWING OR IN A SECTION OF A SPECIFICATION, IT SHALL BE CONSIDERED REVISED FOR ALL RELATED DRAWINGS AND SECTIONS OF THE SPECIFICATION.

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1.0 ARCHITECTURAL SPECIFICATIONS

- 1.1 Delete Miscellaneous Metal Fabrications Schedule (dated March 28, 2019) in its entirety and replace with new Miscellaneous Metal Fabrications Schedule (dated April 25, 2019) attached in this addendum.
- 1.2 Refer to Specification Section 08 80 50 Glazing:
- .1 Article 2.2 Flat Glass Materials; revise paragraphs 2.2.6 – 2.2.13 in their entirety with the following:
 - “.6 GL30 – Thickness; 6mm, Clear annealed glass.
 - “.7 GL31 – Thickness; 6mm, Low iron tempered glass, Location; Doors and display case.
 - “.8 GL32 – Thickness; 8mm, Low iron tempered back painted glass, Location; Millwork backsplash.
 - “.9 GL33 – Thickness; 16mm, Low iron tempered glass, Location; Office sidelites.
 - “.10 GL34 – Thickness; 22mm, Low iron tempered glass with ceramic frit. Refer to drawings for gradient and extent of frit, Location; Full height glass partitions.
 - “.11 GL41 – Thickness; 2 layers 5mm Low iron heat strengthened glass with translucent interlayer.
 - “.12 GL42 – Thickness; 2 layers 8mm Low iron heat strengthened glass with ceramic frit and 1.5mm interlayer. Refer to drawings for gradient and extent of frit, Location; Glass guards.
 - “.13 GL60 – Thickness; 19mm, Clear, Fire protection rated glass, Fire resistance; 45 minutes.”
- 1.3 Refer to Specification Section 09 21 16 Gypsum Board Assemblies:
- .1 Article 2.3 Gypsum Board Materials; revise paragraph 2.3.9 with the following:
 - “.9 Perforated Gypsum (GBC-2) Perforation; Micro 3 x 3mm, 8.3mm c/c, 7.1, Size; 1200mm x 2400, Sound Absorption; NRC 0.50, Insulation; 40mm Mineral Wool”
 - .2 Article 2.4 Accessories; revise paragraph 2.4.5 and 2.4.6 with the following:
 - “.5 Corner Beads: 26 Ga thick, galvanized sheet steel, paper faced; tapeable.
 - “.6 Edge Trim: GA-216; galvanized steel with ‘J’ type bead, tapeable.”
 - .3 Article 2.4 Accessories; revise paragraph 2.4.11 and 2.4.12 in its entirety with the following:
 - “.11 Reveal Trim: Extruded aluminum ‘Z’ type shadow bead, Profile; As indicated. Factory primed and suitable for painting in the field, Revel Depth; 16mm, tapeable.
 - “.12 Heavy Duty Aluminum Corner Trim (CG-2): Material; Extruded aluminum, 32mm exposed corner, Finish; Clear anodized, 22 mm tapeable nail flange.”
- 1.4 Refer to Specification Section 09 51 13 Acoustical Panel Ceilings:
- .1 Article 2.2 Acoustic Ceiling Tile; revise paragraph 2.2.1.2 with the following:
 - “.2 Thickness: 19mm.”
 - .2 Article 2.2 Acoustic Ceiling Tile; revise paragraph 2.2.2.5.1 and 2.2.2.6 with the following:
 - “.5 Sound absorption: NRC 0.95.”
 - “.6 Finish: Factory painted glass scrim surface, Colour; White.”

- .3 Article 2.2 Acoustic Ceiling Tile; delete paragraph 2.2.3 in its entirety.
- 1.5 Refer to Specification Section 09 80 00 Acoustic Treatment:
 - .1 Article 2.3 Acoustic Wood Panel System; revise paragraph 2.3.1 with the following:
 - “.1 Acoustic Wall Wood Panel (AWP-1):
 - .1 Panel Material;
 - .1 Core Material: MDF.
 - .2 Finish: Rift Cut White Oak Veneer with high quality, clear, flat varnish.
 - .3 Thickness; 17mm.
 - .4 Perforation type: Micro-perforated, 2/2/0.5.
 - .5 Integral Acoustic Backing Fabric: Black, glass fibre matt, 60 g/m2 surface weight.
 - .6 NRC Rating: 0.89.
 - .7 Acoustic Insulation: Non-woven, black, mineral wood, Thickness; 40mm.
 - .8 Matching: Slip.
 - .9 Fire Resistance: Fire class; Class A, Flame spread 25 or less, in accordance with CAN/ULC-S102.
 - .2 Size: 1216mm x 3000mm height maximum and as indicated on drawings.
 - .3 Layout: Parallel.
 - .4 Fastening System: Concealed (Blind) mounting with panels running vertically.”
 - .2 Article 2.3 Acoustic Wood Panel System; revise paragraph 2.3.2 with the following:
 - “.2 Acoustic Ceiling Wood Panel (ACW-1):
 - .1 Panel Material;
 - .1 Core material: MDF.
 - .2 Finish: Rift cut white oak veneer with high quality, clear, flat varnish.
 - .3 Thickness: 17mm.
 - .4 Perforation type: Micro-perforated, 2/2/0.5.
 - .5 Integral Acoustic backing fabric: Black, glass fibre matt, 60 g/m2 surface weight.
 - .6 NRC Rating: 0.89.
 - .7 Acoustic Insulation: Non-woven, Black, mineral wool, Thickness; 40mm.
 - .8 Matching: Slip.
 - .9 Fire Performance: Fire class; Class A, flame spread 25 or less, in accordance with CAN/ULC S102.”
 - .2 Profile; G-grid system.
 - .3 Tolerance; .8mm per 915mm of product.
 - .4 Suspension System (ACW-1): Clamped to a T-bar system as supplied and installed by this section with manufacturer’s proprietary clip system, as recommended by panel manufacturer. Mounting so every other panel as indicated in the drawings is inserted and can easily be removed by lifting. Material; Galvanized steel. Wall anchors, perimeter profiles, threaded rods, hangers and hardware; to suit application,”

- .3 Article 2.4 Accessories; revise paragraph 2.4.1 in its entirety with the following;
 - “.1 Edge Moldings: Custom wood trim pieces ‘T’ shaped fascia molding, Size; 44mm (w) x 13mm (t) unless otherwise indicated, Finish; to match finish on panels.”
- 1.6 Refer to Specification Section 10 26 00 Wall and Corner Guards:
 - .1 Article 2.2 Corner Guards; revise paragraph 2.2.1 with the following;
 - “.1 Metal corner guards: Thickness; 1.3mm, Size; 75mm x 75mm x 2400 mm with radius edge, type 304, AISI No. 4 satin finished stainless steel angle in accordance with ASTM A276/A276M, with removable protective cover, to profiles indicated, surface mounted.”
 - .2 Article 2.3 Bumper Rail; revise paragraph 2.3.1.1 with the following;
 - “.1 Mounting Hardware; Stainless steel H-Bracket, Concealed.”
- 1.7 Refer to Specification Section 10 28 10 Toilet and Bath Accessories:
 - .1 Article 2.3 Components; add new paragraphs 2.3.15 – 2.3.17 with the following;
 - “.15 Shower Curtain Hook:
 - .1 Materials: Type 304, 2mm diameter stainless steel, AISI No. 4 Finish.
 - .2 Operation: Used with 32 mm diameter rods.
 - .16 Shower Curtain Rod:
 - .1 Materials: Type 304, 20 gauge (1.0mm) stainless steel tubing, AISI No. 4 Finish.
 - .2 Length: 1525mm.
 - .3 Outside Diameter: 25mm.
 - .4 Flanges: One-piece, die-formed, Type 304, 20 Gauge (1.0mm) stainless steel, AISI No. 4 Finish.
 - .17 Shower Curtains:
 - .1 Width: 1780mm, requires 12 hooks.
 - .2 Curtain: Opaque, matte white, 0.2mm thick vinyl containing antibacterial and flame-retardant agents; hemmed bottom and sides.
 - .3 Grommets: Nickel-plated brass, along top edge every 150mm.
 - .4 Height: 1830mm.”

2.0 MECAHNICAL SPECIFICATIONS

- 2.1 Refer to Specification Section 21 13 13 Wet Pipe Sprinkler System:
 - .1 Article 2.4 Sprinkler Heads; revise paragraph 2.4.2.3 with the following;
 - “.3 Sprinkler heads in areas with wood ceilings: Quick response, concealed type, with square cover plate. Cover plate to be painted with color to match wood ceiling. Provide sample for review to Departmental Representative.”
- 2.2 Refer to new 22 06 30.13 Domestic Hot Water Heater Schedule attached to this addendum.
- 2.3 Refer to new 23 06 60.19 Heat Reclaim Chiller Schedule attached to this addendum.
- 2.4 Refer to new 23 06 50.13 Boiler Schedule attached to this addendum.
- 2.5 Refer to new 23 06 60.23 Cooling Tower Schedule attached to this addendum.
- 2.6 Refer to new 23 06 70.13 Air Plant Composition Schedule attached to this addendum.

- 2.7 Refer to new 23 06 70.26 Heat Coil Schedule attached to this addendum.
- 2.8 Refer to new 23 06 70.23 Cooling Coil Schedule attached to this addendum.
- 2.9 Refer to new 23 06 70.33 Humidifier Schedule attached to this addendum.

3.0 ARCHITECTURAL DRAWINGS

- 3.1 Refer to Drawing A051 Interior Building Elements:
 - .1 Acoustic Wall Panel Types: AWP1 is revised to include acoustic insulation to coordinate with specification.
- 3.2 Refer to Drawing A051 Interior Building Elements:
 - .1 "Partition Wall Types" is revised to add P47. Refer to new DA-001 revision sketch attached to this addendum.
- 3.3 Refer to Drawing A051 Interior Building Elements
 - .1 Detail 3/A051 is revised to indicate metal plate added to the underside of metal deck. Refer to new DA-002 revision sketch attached to this addendum.
- 3.4 Refer to Drawing A052 Interior Building Elements
 - .1 Detail 2 is revised to clarify text notation regarding trim requirements.
- 3.5 Refer to Drawing A052 Interior Building Elements
 - .1 Detail 1/A052 has an added details for additional floor transitions clarifications. Refer to new DA-003 sheet attached to this addendum.
 - .2 Detail 2 is revised to show the base detail for TT1 to GB/CMU to have a "TAPERED FEATHERED EDGE" instead of a transition strip.
 - .3 Detail 1/A052 is revised to show a different construction for the transition from FAF to CONC. Refer to new DA-004 sheet attached to this addendum.
 - .4 Detail 1/A052 is revised to change text notes indicating "FAF1" to "FAF"
 - .5 Detail 1/A052 is revised to change text notes for transitions with FAF that note the transition type by removing the word "ZINC" and revising it to "L ANGLE TERMINATION STRIP".
 - .6 Detail 1/A052 is revised to add the following note to the FAF to RSF1 transition. "FEATHERED CONCRETE AT 2% OR LESS TO BE FLUSH WITH EPOXY FLOORING".
 - .7 Detail 1/A052 is revised to change text notes for transition CPT1 to TL1 to indicate "SS L ANGLE TERMINATION STRIP".
- 3.6 Refer to Drawing A106 Plan - Level 1 - West
 - .1 Drawing A106 is revised to clarify 2 overlapping elevation markers at grids E-F and 5-6. Elevation marker for 3/A800 is for north elevation in Public Corridor 100B, 6/A800 is for east elevation in Public Corridor 100B, and 5/A1001 is for east elevation in Public Corridor 100B capturing elevation for door D100B.
- 3.7 Refer to Drawing A108 Plan -Level 2 - West
 - .1 Drawing A108 is revised to indicate new detail references for guard rails: 10/A711 and 12/A711.
 - .2 Delete all dimension and notation regarding guard. Detail reference 10/A711 is located along grid line 7 between B and C.

- .3 Delete all dimension and notation regarding guard. Detail reference 12/A711 is located along grid line D between 5 and 6.
 - .4 Drawing A108 is revised to indicate new partition type near grid 5 and D-H. Refer to new DA-005 revision sketch attached to this addendum.
 - .5 New section detail reference is added to screen SC203.2.
- 3.8 Refer to Drawing A109 Plan - Level 2 - East
- .1 Drawing A109 is revised to add new shaft walls at grids H between 5 and 6. Refer to new DA-006 revision sketch attached to this addendum.
- 3.9 Refer to Drawing A200 RCP - Level 0 - West
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"
- 3.10 Refer to Drawing A201 RCP - Level 0 - East
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"
- 3.11 Refer to Drawing A202 RCP - Level 1 - West
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"
- 3.12 Refer to Drawing A203 RCP - Level 1 - East
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"
- 3.13 Refer to Drawing A204 RCP - Level 2 - West
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"
 - .3 Drawing A204 is revised to indicate GBC2 at grids 6 to 7 and A to D and drawing is re-issued as a part of this addendum
 - .4 Ceiling tag is revised to GBC2, and additional dimension is added to locate ceiling fixtures. Refer to new DA-007 revision sketch attached to this addendum.
- 3.14 Refer to Drawing A205 RCP - Level 2 - East
- .1 Ceiling Legend "ACW1 Accessible Wood Ceiling Panel" is revised to read "ACW1 - Accessible Acoustic Ceiling Wood Panel"
 - .2 Ceiling Legend "ACW1 - Acoustic Wood Panel" is revised to read "ACW1 - Acoustic Ceiling Wood Panel"

- 3.15 Refer to Drawing A700 Elevator Plans, Sections & Details
- .1 Detail 2 is revised to indicate clarified location of elevator opening and rough opening size. The extent of new shaft wall partition PS11 and furring F10 are indicated. Refer to new DA-008 revision sketch attached to this addendum.
 - .2 Detail 3 is revised to indicate clarified location of elevator opening and rough opening size. The extent of new shaft wall partition PS11 and furring F10 are indicated. Refer to new DA-009 revision sketch attached to this addendum.
 - .3 Detail 4 is revised to indicate clarified location of elevator opening and rough opening size. The extent of new shaft wall partition PS11 and furring F10 are indicated. Refer to new DA-010 revision sketch attached to this addendum.
- 3.16 Refer to Drawing A701 Stair Plans and Sections
- .1 Detail 1/A701 is revised to clarify stair widths. Refer to new DA-011 sheet attached to this addendum.
 - .2 Details 3, 4, 5 & 6/A701 are revised to clarify standoff, handrail and glass joint placements as well as the bottom trim of the handrail and guard. Refer to new DA-012, DA-013, DA-014 and DA-015 sheets attached to this addendum.
 - .3 Details 9 & 10/A701 are revised to provide dimensional clarification for the below stair guard rail. Refer to new DA- 016 and DA-071 sheets attached to this addendum.
- 3.17 Refer to Drawing A702 Stair Plans and Sections
- .1 Detail 1/A702 is revised to add furring to a portion of the East wall below level 1 in alignment with the furring above. Room Finishes Schedule is revised to indicate the furring with a GB PT finish. Refer to new DA-017 sheet attached to this addendum.
 - .2 Details 2, 3, 4 & 12/A702 are revised to clarify the location of the furring wall on the North and East walls and the location of the stair runs in relation to them. Refer to new DA-018, DA-019, DA-020 and DA-021 sheets attached to this addendum.
- 3.18 Refer to Drawing A703 Stair F, Ladders & Catwalk Details
- .1 Detail 13/A703 is revised to add an embedded steel cap plate and change text notes to suit. Refer to new DA-023 attached to this addendum
 - .2 Detail 2/A703 is revised to add a detail callout to similar existing detail 13/A703.
 - .3 Detail 17/A703 is add for a detail section of a typical metal service stair tread for clarification. Refer to new DA-022 attached to this addendum
 - .4 Details 9, 10 & 14 are revised to indicate a painted finish instead of galvanized for metal elements.
- 3.19 Refer to Drawing A711 Stair Details - Stairs B, C, D & E
- .1 Detail 10, 11, 12 and 13 are added to the drawing A711 to indicate plans and elevation of the stainless steel guard rails in Collaborative Spaces (Room 206) and Kitchenette (Room 203). Ceiling tag is revised to GBC2, and additional dimension is added to locate ceiling fixtures. Refer to new DA-025 revision sketch attached to this addendum.
 - .2 Detail 1/A711 is revised to clarify construction conditions in relation to the revised furring wall location at the East wall. Refer to new DA-024 sheet attached to this addendum.
- 3.20 Delete Drawing A712 Stair Details - Stair A in its entirety and replace with new drawing A712 (Rev. 2) Stair Details - Stair A attached to this addendum.
- .1 Detail 7/A712 is revised to clarify the in wall structural beam size and shape
 - .2 Detail 4/A712 is revised to show extended detail to include the smoke baffle below.
 - .3 Detail 1/A712 is revised to change the location of the bottom handrail and glass guard placements and construction requirements.

- .4 Details 2, 3, 6 & 8/A712 is revised to clarify glass joint, standoff, stringer orientation and dimensional requirements.
 - .5 Detail 9/A712 is revised to clarify handrail support members and dimensions.
- 3.21 Refer to Drawing A800 Interior Elevations
- .1 Detail 12/A800 is revised to indicate new configuration of glass panel, AWP1 and TL1 base to coordinate with new elevator door location. Refer to new DA-027 revision sketch attached to this addendum.
 - .2 Detail 9/A800 text note "E1" is revised to read "CP-1"
 - .3 Detail 10/A800 is revised to show new trim layout. Refer to new DA-026 revision sketch attached to this addendum.
- 3.22 Refer to Drawing A803 Interior Elevations
- .1 Detail 3/A803 is revised to add new shaft wall as indicated. Refer to new DA-028 revision sketch attached to this addendum.
- 3.23 Refer to Drawing A805 Interior Elevations
- .2 Detail 9/A805 is revised to indicate new configuration of glass panel, AWP1 and TL1 base to coordinate with new elevator door location. Refer to new DA-029 revision sketch attached to this addendum.
- 3.24 Refer to Drawing A806 Interior Elevations
- .1 Detail 14 and 32/A806 are revised to delete dimension and notation regarding metal guards.
- 3.25 Refer to Drawing A810 Interior Section Details
- .1 Detail 1/A810 is revised to indicate updated partition type and alignment. Refer to new DA-030 revision sketch attached to this addendum.
 - .2 Detail 7/A810 is revised to clarify partition type and sealant requirement. Refer to new DA-031 revision sketch attached to this addendum.
- 3.26 Refer to Drawing A811 Interior Section Details
- .1 Detail 1/A811 is revised to clarify notes on guard rail to read as: "25x25MM SS SQUARE TUBE TOP RAIL AND BALUSTERS WELDED TO FLUSH MOUNT STEEL EMBEDMENT PLATE. GRIND SMOOTH ALL EXPOSED SURFACES." Refer to new DA-032 revision sketch attached to this addendum.
 - .2 Detail 6 and 7/A811 are revised to show extent of fire baffle and updates on related notations. Refer to new DA-041 and DA-042 revision sketches attached to this addendum.
- 3.27 Refer to Drawing A812 Interior Section Details
- .1 Detail 5 is added to drawing A812 to indicate the mounting condition of overhead door in the Heavy Welding Room 128A. Refer to new DA-044 revision sketch attached to this addendum.
 - .2 Detail 6/A812 is revised to clarify the extent of required fire rated separation. Refer to new DA-045 and DA-046 revision sketches attached to this addendum.
 - .3 Detail 2/A812 is revised to clarify the steel plate framing at over-head door opening. Refer to new DA-043 revision sketch attached to this addendum.
- 3.28 Refer to Drawing A813 Interior Section Details
- .1 Detail 12/A813 is revised to indicate fire stop at slab edge and clarify base height. Refer to new DA-047 revision sketch attached to this addendum.

- 3.29 Refer to Drawing A814 Interior Section Details
- .1 Detail 1/A811 is revised to clarify notes on guard rail to read as: "25x25MM SS SQUARE TUBE TOP RAIL AND BALUSTERS WELDED TO FLUSH MOUNT STEEL EMBEDMENT PLATE. GRIND SMOOTH ALL EXPOSED SURFACES." Refer to new DA-072 revision sketch attached to this addendum.
- 3.30 Refer to Drawing A814 Interior Section Details
- .1 Detail 3 and 7/A814 are revised to clarify the extent of required fire separation. Refer to new DA-073, DA-074 and DA-075 revision sketches attached to this addendum.
- 3.31 Refer to Drawing A815 Interior Section Details
- .1 Detail 1, 3, 4, 5, 6, 8, 10 and 11/A815 are revised to clarify various graphic element, notation, and dimensioning and fire separation enclosure scope. Refer to new DA-076, DA-077, DA-078, DA-079, DA-080, DA-081, DA-082 revision sketches attached to this addendum.
- 3.32 Refer to Drawing A816 Interior Section Details
- .1 Detail 1 and 2/A816 are revised to add one new detail reference (5/A812) at the over head door.
- 3.33 Refer to Drawing A820 Ceiling Details
- .1 Detail 4, 5 & 6/A820 are revised to update changes on acoustic wood panel (AWP1). Refer to new DA-083, DA-084 and DA-085 revision sketches attached to this addendum.
- 3.34 Refer to Drawing A830 (Rev.1) Interior Plan Details
- .2 Drawing A830 is added to the drawing set and to the Drawing List. Plan details 1-27, total 22 new details are added to drawing A830 and issued as part of this addendum.
- 3.35 Refer to Drawing A850 Washroom
- .1 Detail 18/A850 is revised to add notation for clarification. Refer to new DA-086 revision sketch attached to this addendum.
- 3.36 Refer to Drawing A900 Millwork Details
- .1 Detail 18 & 19/A900 is revised to indicate revised dimensions and noting "FILLER PANELS ARE REQUIRED PER LOCATION" and "PROVIDE PLAM BULKHEAD ABOVE UPPIERS. Refer to new DA-034 and DA-035.
 - .2 Detail 17/A900 is revised placement of electrical outlets. Refer to new DA-033 sheet attached to this addendum.
 - .3 Detail 16/A900 text notes are revised for clarification of construction. Refer to new DA-036.
- 3.37 Refer to Drawing A901 Millwork Details
- .1 Details 2, 5, 11 & 13 are revised to clarify construction of the lunchroom kitchen island. Refer to new DA-051, DA-052, DA-053 and DA-054 sheets attached to this addendum.
 - .2 Details 4 & 6/A901 are revised to clarify placement of electrical outlets. Refer to new DA-048 and DA-49 sheets attached to this addendum.
 - .3 Detail 7/A901 is revised to change text note referring to "WOOD VENEER ON 19mm MDF (TYP. ALL EXPOSED SURFACES)" to "PLAM ON 19mm.....".
 - .4 Detail 9/A901 is revised to add a text note indicating "PLAM ON MDF GABLE END BEYOND".

- 3.38 Delete Drawing A902 Millwork Details in its entirety and replace with new drawing A902 (Rev.2) Millwork Details attached to this addendum.
- .1 Detail 5/A902 is revised to clarify notes provided for millwork construction and add a dimension for clarification
 - .2 Detail 3/A902 is revised for overall placement of reception desk and added notes on millwork construction
 - .3 Detail 2/A902 is revised to change the dimension between south edge of the reception desk and the wall
 - .4 Details 4, 6, 7, 8, 9 & 11/A902 are revised to change design details of the transaction counter and added notes and dimensions for clarification
 - .5 Detail 14/A902 is added to detail the relationship of the north edge of the display to the acoustic wood wall panel finish.
 - .6 Detail 1/A902 is revised to add a detail callout for new detail 14/A902
 - .7 Details 10, 12 & 13 are revised to change from glass gables to wood gables on the enclosed cabinets
 - .8 Detail 12/A902 is revised to indicate the display as NIC and a note for "PROVIDE ACCESS PANEL IN GABLE END FOR LIGHTING DEVICE DRIVER ACCESS.
- 3.39 Refer to Drawing A903 Millwork Details
- .1 Detail 3/A903 is revised to add dimensions for clarification. Refer to new DA-050 sheet attached to this addendum
 - .2 Detail 15/A903 is added to clarify section details refer to new DA-061 sheet attached to this addendum
 - .3 Detail 9 is revised to add a section callout for new detail 15/A903 and a note referring to the emergency eyewash sink. Refer to new DA-060 sheet attached to this addendum.
 - .4 Details 4, 7, 10, 12 & 14/A903 are revised to change design details of the transaction counter and added notes and dimensions for clarification. Refer to new DA-055, DA-056, DA-057, DA-058 & DA-059 sheets attached to this addendum.
- 3.40 Refer to Drawing A904 Millwork Details
- .1 Detail 6/A904 is revised to add a section reference to an existing detail and add a note indication to " PROVIDE PLAM BULKHEAD ABOVE UPPERS". Refer to new DA-039 sheet attached to this addendum.
 - .2 Details 2 & 8/A904 are revised to clarify construction requirements for the devising wall door. Refer to new DA-037 and DA-038 sheets attached to this addendum
 - .3 Detail 11/A904 is revised to clarify some of the dimensions and add the reference number for refer to section detail and to add note "PROVIDE PLAM BULKHEAD ABOVE UPPERS". Refer to new DA-040 sheet attached to this addendum.
- 3.41 Refer to Drawing A1000 Door Schedule Types Details
- .1 Refer to Detail 1/A1000 Frame Profiles; Revise Frame Profile Type 2: Interior aluminum frames as shown on new DA-062 revisions sheets attached to this addendum.
 - .2 Refer to Detail 2/A1000 Door Frame Details; Delete Door Frame Details DH7 and DH8. Revise D1, D2, D4, D5, D6 as shown on new DA-063 revision sheet attached to this addendum.
 - .3 Refer to Detail 4/A1000 Door Types; Add new "Type G" as shown on new DA-064 revision sheet attached to this addendum.
 - .4 Refer to Door Schedule; Revise frame materials, frame finish, frame profiles, frame details, and frame glass types as shown on new DA-065, DA-066, DA-067, DA-068, DA-069, DA-070 revision sheets attached to this addendum.
 - .5 Refer to Detail 6/A1000 Overhead door type OH1 & OH3 Overhead Coiling; add detail references 26/A830 and 27/A803 at jamb and 2/A812 and 5/A812 at head.

- .6 Refer to Interior Glazing Types; Revise GL41 with the following; "GL41 2-layers 5mm low iron heat strengthened glass w/ translucent interlayer."
 - .7 Refer to Interior Glazing Types; Revise GL42 with the following; "GL42 2-layers 8mm low iron heat strengthened glass w/ interlayer. Refer to drawings for extent of translucent/transparent interlayer (glass guards)."
- 3.42 Refer to Drawing A1050 Room Finish Schedule
- .1 Revise Room 101 Lobby south wall finish too "CP-1".
 - .2 Revise Room D00 Stair D East wall include a "GB" material with a "PT" finish in addition to the CONC wall.
- 4.0 ELECTRICAL DRAWINGS**
- 4.1 Refer to E001 Drawing List and Symbol Legend:
- .1 Add general note 'K' Provide Linkseal for all below grade penetrations through exterior building walls.
- 4.2 Refer to E010 Site Plan – Electrical:
- .1 Details 2 and 3; extend underground conduits to gate operator induction loop. Refer to gate shop drawings for details and locations.
- 4.3 Refer to E112 Level 1 Plan – West- Lighting:
- .1 Provide a new lighting control zone for the display case lighting.
 - .2 Delete Type Z lighting fixture in elevator glass wall detail.
 - .3 Delete Keynote #5.
- 4.4 Refer to E114 Level 2 Plan – West- Lighting:
- .1 Delete Type Z lighting fixture in elevator glass wall detail.
 - .2 Delete Keynote #4.
- 4.5 Refer to E122 Level 1 Plan – West- Power and Voice/Data:
- .1 Provide call-out 1/E203 for rooms 102, 105A and 105D.
- 4.6 Refer to E123 Level 1 Plan – East- Power and Voice/Data:
- .1 Room 118; delete 3 receptacles on south wall.
 - .2 Room 128; Overhead door at corridor revise circuits to 128A-13, 14,15.
 - .3 Room 129; Locate Tr-1F adjacent to Panel 1F.
 - .4 Room 129 Delete EMCC-6A.
- 4.7 Refer to E124 Level 2 Plan – West- Power and Voice/Data:
- .1 Room 205; refer to mechanical drawings for locations of Div 25 supplied VFD drives.
- 4.8 Refer to E140 Level 0 Plan – West- Fire Alarm System:
- .1 Elevator pit; delete fire alarm relay module.
- 4.9 Refer to E142 Level 01 Plan – West- Fire Alarm System:
- .1 Delete pullstation at doors from room 100G to 100C.
 - .2 Delete pullstation at doors from room 105A to 100B.
 - .3 Delete pullstation at doors from room 100E to 100F.
 - .4 Delete pullstation at doors from Pilot Plant to 100F.

- 4.10 Refer to E143 Level 01 Plan – East- Fire Alarm System:
- .1 Rooms 136, 137, 139 and 140; provide an explosion proof heat detector complete with individual relay module located outside the rooms for each detector. Interlock with sprinkler pre-action system.
- 4.11 Refer to E303 Systems – Riser diagrams:
- .1 Detail 6; provide a 12 pair single mode fibre cable from Rack ‘F’ to Rack ‘H’.
- 4.12 Refer to E505 Electrical Schedules:
- .1 CDP-6A schedule revise mains to 600 Amperes.
 - .2 CDP-EM6A revise breaker for circuits 22, 23, 24 to a 40A-3P breaker. Revise CDP mains to 400 Amperes.
- 4.13 Refer to E508 Motor Schedule:
- .1 Air handling Unit WPG03AHU04 revise source of power feed to MCC-6A. Provide breaker only in MCC.
 - .2 Air Curtain WPG03FCU41, WPG03 FCU42 AND WPG03FCU43; revise voltage to 600V 3ø.
 - .3 MCC-6A delete starter for WPG03EXF07. Refer to motor schedule for details.
 - .4 Wire and connect sump pump control panels. Refer to shop drawings for details.
- 4.14 Refer to E601 Main Distribution Single Line Diagram:
- .1 Transformer TR-1C; revise secondary feeder to 4#4/0 NUAL.
 - .2 Chiller CH-01-01 revise label to read: “WPG03CCH01”.
 - .3 WPG03AHU01 and WPG03AHU02; remove breakers from MD-6A and re-locate to emergency sub-distribution ESD-6B.
 - .4 Transformer TR-1F; revise secondary feeder to 4#4/0 NUAL.
- 4.15 Refer to E602 Emergency Distribution Single Line Diagram:
- .1 Delete EMCCA and related feeder. Breaker to remain in distribution EM6A.
 - .2 Delete Panel E400; Revise the breaker in MD-6A to a 60A-3P LSI breaker and feed transformer TR-ED with 3#6 (cu).
 - .3 Feeders for Elevator, TR-T1, TR-T2, TR-T3, Panels T1, T2 and T3 to be copper conductors in conduit with ground.
 - .4 EMD-6A breaker feeding ATS #2 is revised to a 500A-3P trip and revise feeder to 2 runs of 4#350 MCM NUAL in conduit.
 - .5 ATS #2 revise mains to 600Amperes.
 - .6 Revise secondary feeder from ATS # 2 to 2 runs of 4#350 MCM NUAL in conduit.
 - .7 ESD-6B revise mains to 600Amperes.
 - .8 Provide a 20A-3P breaker in ESD-6B and connect with 3#12 to transformer TR-EPC. TR-EPC to be a 15 kVA Epoxy potted transformer feeding generator enclosure panel EPC (provided by generator supplier). Connect panel with a 4/cC#6 (cu) Teck cable. Refer to site plan for transformer and panel locations.
- 4.16 Refer to Luminaire Schedule:
- .1 Type F model to include ACT mounting clip, new model number to read: 707-Z2-SL-ZZ-T2-RP-AE-1-0-Z-SO-35-S3-O-WH

5.0 STRUCTURAL DRAWINGS

- 5.1 Refer to Drawing No. S121, Detail Sheet DS.006:
.1 Refer to attached detail sheet DS.006 for addition of Level 1 beam connection detail.
- 5.2 Refer to Drawing No. S131, Detail Sheet DS.001, DS.002:
.1 Refer to attached detail sheets DS.001 and DS.002 for addition of shear studs at Level 2 beams.
- 5.3 Refer to Drawing No. S131, Detail Sheet DS.003:
.1 Refer to attached detail sheet DS.003 for revisions to folding partition support framing.
- 5.4 Refer to Drawing No. S132, Detail Sheet DS.004:
.1 Refer to attached detail sheet DS.004 for addition of steel girts on grid M to support partial height partition.
- 5.5 Refer to Drawing No. S506, Detail Sheet DS.005:
.1 Refer to attached detail sheet DS.005 for addition of steel weld plates to support guardrail posts.
.2 Refer to detail 15/S506; add steel weld plate at base of guardrail post per detail sheet DS.005.
- 5.6 Refer to Drawing No. S132, Detail Sheet DS.007, DS.008:
.1 Refer to attached detail sheets DS.007 and DS.008 for addition of interstitial floor sections.
- 5.7 Refer to Drawing No. S509, Detail Sheets DS.009, DS.010
.1 Refer to attached detail sheets DS.009 and DS.010 for revisions to steel beam bearing plates.

6.0 REQUESTS FOR INFORMATION

- 6.1 Refer to Requests for Information logs attached in this addendum.

END OF ADDENDUM

General Notes

1. Miscellaneous Metal Fabrications Schedule does not define full extent of Miscellaneous Metal Fabrication Scope.
2. Refer to Architectural and Structural drawings & Specifications for full extent, dimensions, details etc.
3. Steel sizing to be engineered. Stated sizing shows intent.

#	ITEM	DESCRIPTION	FABRICATED FROM	FINISH	CONNECTIONS	GENERAL NOTES	REF.
1	Stair A and Stair A Guardrail	mounting plate	sized to suit	primed and painted	weld, expansion bolts		A701, A712
		stair stringers	C310 X 31 steel channels	primed and painted	weld		
		C channel beam support	C200mm x 28mm	primed and painted	weld, grind smooth		
		metal bent plate	15mm	primed and painted	weld, grind smooth	Welded to stair stringers and top and bottom structural attachments	
		metal deck landing	38mm metal pan decking	primed and painted	weld, grind smooth	102mm concrete topping	
		C channel deck beam supports	70mm x 305mm	primed and painted	weld, grind smooth		
		stair guard standoffs	50mm dia. x 44mm depth stainless steel standoffs	prefinished	mechanically fastened		
		stair handrail and support	40mm dia. SS tube mounted to SS handrail support as shown on detail 9/A712	prefinished	mechanically fastened		
		below tread stiffeners	Steel stiffeners to suit			provide for support of stone stair tread and landing	
		below tread trim	10mm x 3mm steel trim plate	primed and painted	weld, grind smooth	architectural metal	
		top guard opening trim	sized to suit	primed and painted	weld	caulking seal to glass guard	
2	Stairs B, D, E	handrail	40mm diameter steel tube	primed and painted	weld, grind smooth		A701, A702, A710, A711
		metal bent plate	3mm	primed and painted	weld, grind smooth		
		stair stringers	70mm x 305mm steel channels	primed and painted	weld, grind smooth		
		guardrail top rail	70mm x 20mm steel bar	primed and painted	weld, grind smooth		
		guardrail bottom rail	70mm x 70mm + 70mm x 20mm steel bars	primed and painted	weld, grind smooth		
		guardrail pickets	15mm x 10mm steel bar	primed and painted	weld, grind smooth		
		guardrail posts	70mm x 20mm steel posts	primed and painted	weld, grind smooth		
		handrail	40mm diameter steel tube	primed and painted	weld, grind smooth		
		handrail support mounted to wall	16mm diameter bent steel bar	primed and painted	weld, mechanically fasten		
		handrail support mounted to guardrail	10mm x 10mm steel rod welded to 50mm x 10 mm steel plate	primed and painted	weld, grind smooth		
		stair landings base trim	L 51mm x 64mm & L 51mm x 51mm steel angles	primed and painted	weld, grind smooth	to align with height and depth of stair stringer attachments at landings	
3	Stair C, Ships ladders LDT1 & LDT2	base mounting plate	sized to suit	primed and painted	weld, expansion bolts		A702, A703
		treads	serrated surface steel grating	primed and painted	weld, grind smooth		
		tread nosing	steel checker nosing	primed and painted	weld, grind smooth		
		ladder stringers	150mm steel channel stringers	primed and painted	weld, grind smooth		
		handrails	40mm diameter steel tube	primed and painted	weld, grind smooth		

#	ITEM	DESCRIPTION	FABRICATED FROM	FINISH	CONNECTIONS	GENERAL NOTES	REF.
		bottom plate	50mm x 50mm steel angle	primed and painted	weld, expansion bolts		
		top plate	50mm x 50mm steel angle	primed and painted	weld, expansion bolts		
4	Stair F	handrail	40mm diameter steel tube	primed and painted	weld, grind smooth		A703
		handrail support	16mm diameter bent stainless steel bar and 60mm steel plate	primed and painted	weld, bolted	Wall mounted	
		stringers	305mm x 15.8mm steel channel stringers	primed and painted	weld, grind smooth		
		grating	match grating as specified by structural for flooring at catwalks	primed and painted	weld, grind smooth		
		HSS columns	102mm x 102mm hollow tube	primed and painted	weld		
		beams	W200 x 27 steel beam	primed and painted	weld		
		bottom mounting plate	steel angle sized to suit	primed and painted	weld, expansion bolts		
5	Catwalks, Stairs G&H	shelf angle	50mm x 138mm steel angle	primed and painted	weld, grind smooth		A703
		guardrail	38mm diameter steel tube	primed and painted	weld, grind smooth		
		stair tread grating	match grating as specified by structural for flooring at catwalks	primed and painted	weld, grind smooth		
		stair stringers	305mm x 15.8mm steel channel stringers	primed and painted	weld, grind smooth		
		posts	38mm diameter steel tube	primed and painted	weld, grind smooth		
		handrail	38mm diameter steel tube	primed and painted	weld, grind smooth		
		handrail support	16mm diameter bent stainless steel bar and 60mm steel plate	primed and painted	weld, grind smooth, bolted		
		bottom mounting plate	steel angle sized to suit	primed and painted	weld, expansion bolts		
		door threshold cap plate	steel embedded cap plate to suit	primed and painted	embedded connection		
		Steel angle at door openings	L102 x 102mm steel angle	primed and painted	welded		
6	Catwalk Electrical Enclosure	main posts	1-7/8" diameter x 7'6" aluminum	galvanized			A109, A812
		main post caps	1-7/8" diameter aluminum	galvanized			
		chain link mesh	50mm openings	galvanized			
		line posts	1-5/8" diameter x 7' aluminum	galvanized			
		line post caps	1-5/8" diameter x 1-3/8" aluminum	galvanized			
		rail end assembly band	1-3/8" x 1-7/8" aluminum	galvanized			
		tension bands	1-7/8" aluminum	galvanized			
		tension bars	58"L aluminum	galvanized			
		bracing wire		galvanized			
		top rail	1-3/8"	galvanized			
		fence ties		galvanized			
		gate frame	42" x 60"	galvanized			
		gate hinges	aluminum	galvanized			
		gate latch and lock	aluminum	galvanized			
		post base plates	aluminum	galvanized			
7	Display Case Support	HSS columns	51mm x 51mm square steel tube		welded		A902
		HSS beams	51mm x 76mm steel tube		welded		
		HSS outriggers	51mm x 51mm square steel tube		welded		
		bottom mounting plate	steel plate sized to suit		weld, expansion bolts		

#	ITEM	DESCRIPTION	FABRICATED FROM	FINISH	CONNECTIONS	GENERAL NOTES	REF.
		sliding glass door track		prefinished		architectural metal	
8	Kitchen Floating Shelf and Glass Backsplash supports	floating shelf supports	16mm diameter concealed metal mounting brackets	prefinished	mechanically fastened		A901
		metal plate blocking	sized to suit floating self support brackets		mechanically fastened		
		glass backsplash supports	z clip metal fasteners		mechanically fastened		
9	Kitchen Island	garbage/recycling metal plate cover	sized to suit	painted		architectural metal	A901
10	Receptions Desks MW1A & MW1B	HSS horizontal supports	76mm x 51mm, 38mm x 38mm, 32mm x 32mm, 38mm x 22mm, 38mm x 15mm steel Hss channels		welded		A902, A903
		HSS posts	51mm Dia, 25mm Dia. Steel HSS channels	primed and painted	mechanically fastened		
		HSS outriggers	32mm x 32mm steel HSS channels		welded		
		L angle standoffs	L64x64mm, L38x38mm angles		welded/mechanically fastened	architectural metal	
		Transaction and desk mounted plate	6mm stainless steel brake formed plate	brushed	welded	Desk plate mounted on concealed fasteners. Architectural metal	
		undercounter angle support	L32x32 steel angle		mechanically fastened		
		countertop wall support	L51x51 steel angle		mechanically fastened		
		Base plates	sized to suit		weld, bolted	architectural metal	
11	Change room Bench support	HSS horizontal supports	51mm x 51mm		weld		A903
		HSS outriggers	51mm x 51mm		weld		
		Steel angle	76mm x 76mm		weld, bolted		
12	Devising Wall Door	Metal angle door stop	50mm x 50mm	primed and painted	bolted		A904
13	Slab Enclosure Plate	Finished fascia plate	6mm Thick Steel Plate	primed and painted	welded		2/A810
14	Guards	SS Top Rail and Balusters	25mm x 25mm x 3mm Stainless Steel Seamless Tube	No. 04 finish	welded		A108, 1/A811, 1/A814, 14&32/A806, 12&13/A830
15	Steel Bent Plate Closures	Continuous Steel Bent Plate Closures at Glass Screens and Glass Guards	50mm x 130mm x 3mm and 50mm x 100mm x 3mm steel bent plate	primed and painted	welded		1, 6, 7/A811 and 1/A814 and 11, 12, 13/A830
16	Over Head Door Frame	Steel Plate at Over Head Door Openings	5mm Thick Steel Plate	primed and painted	welded at corners and mechanically fastened with counter sunk fasteners		2, 5/A812 and 26, 27/A830

#	ITEM	DESCRIPTION	FABRICATED FROM	FINISH	CONNECTIONS	GENERAL NOTES	REF.
17	Frame at Washroom Entry Opening	6mm Steel Plate Frame at Jambs and Header	6mm Thick Steel Plate with fastening angles	primed and painted	Frame welded at corners with steel angle tack welded to anchor/fastened to metal studs		2/A830
18	Column Cover Plate	Continuous Steel Cover Plate	8 guage steel bent plate	primed and painted	fastened with adhesive		16/A830

EQUIPMENT NO.			WPG03DHW01		WPG03DHW02		WPG03DHW03		WPG03DHW04									
Basis of Design			A.O. Smith		A.O. Smith		A.O. Smith		A.O. Smith									
Make			BTH 500(A)		BTH 500(A)		BTH 500(A)		BTH 500(A)									
Model																		
Size	BTUH	kW	499,900	147	499,900	147	499,900	147	499,900	147								
Efficiency			95%		95%		95%		95%									
Storage Capacity	USgal	L	119	450	119	450	119	450	119	450		--		--		--		--
Recovery @ 100°F Rise	GPH	L	576.0	169	576.0	169	576.0	169	576.0	169		--		--		--		--
Entering Water Temperature	°F	°C	40.0	4.4	40.0	4.4	40.0	4.4	40.0	4.4		--		--		--		--
Leaving Water Temperature	°F	°C	140.0	60.0	140.0	60.0	140.0	60.0	140.0	60.0		--		--		--		--
Gas Pressure	psig	kPa	0.50	3	0.50	3	0.50	3	0.50	3		--		--		--		--
Steam Pressure	psig	kPa	NA	0	NA	0	NA	0	NA	0		--		--		--		--
Steam Flow Rate	Lb/hr	Kg/hr	NA	0	NA	0	NA	0	NA	0		--		--		--		--
ELECTRICAL DATA																		
Number of Elements			NA		NA		NA		NA									
Max kW per Element	KW		NA		NA		NA		NA									
Total kW	KW		NA		NA		NA		NA									
Volt/Phase/Cycle			120/1/60		120/1/60		120/1/60		120/1/60									
Motor	hp	kW		--		--		--		--		--		--		--		--
Remarks			C/W DIRECT VENT		C/W DIRECT VENT		C/W DIRECT VENT		C/W DIRECT VENT									
			KIT		KIT		KIT		KIT									
EQUIPMENT NO.																		
Make																		
Model																		
Size																		
Storage Capacity	USgal	L		--		--		--		--		--		--		--		--
Recovery	USgal	L		--		--		--		--		--		--		--		--
Entering Water Temperature	°F	°C		--		--		--		--		--		--		--		--
Leaving Water Temperature	°F	°C		--		--		--		--		--		--		--		--
Gas Pressure	psig	kPa		--		--		--		--		--		--		--		--
Steam Pressure	psig	kPa		--		--		--		--		--		--		--		--
Steam Flow Rate	Lb/hr	Kg/hr		--		--		--		--		--		--		--		--
ELECTRICAL DATA																		
Number of Elements																		
Max kW per Element	KW																	
Total kW	KW																	
Volt/Phase/Cycle																		
Motor	hp	kW		--		--		--		--		--		--		--		--
Remarks																		

EQUIPMENT NO.			WPG03BLR03		WPG03BLR02		WPG03BLR03		WPG03BLR04					
Basis of Design														
Make			Viessmann		Viessmann		Viessmann		Viessmann					
Model			Vitocrossal 300 CA3 3.0		Vitocrossal 300 CA3 3.0		Vitocrossal 300 CA3 3.0		Vitocrossal 300 CA3 3.0					
Output		MBH	2883		2883		2883		2883					
Working Pressure	psig	kPa	160	1,103	160	1,103	160	1,103	160	1,103		--		--
Entering Water Temperature	°F	°C	130.0	54.4	130.0	54.4	130.0	54.4	130.0	54.4		--		--
Leaving Water Temperature	°F	°C	100.0	37.8	100.0	37.8	100.0	37.8	100.0	37.8		--		--
FUEL														
Gas Pressure	psig	kPa	0.25	2	0.25	2	0.25	2	0.25	2		--		--
No. 2 Oil	USgpm	L/min		--		--		--		--		--		--
Motor	hp	kW		--		--		--		--		--		--
Equipment Weight	Lbs	kg	5,500	2,495	5,500	2,495	5,500	2,495	5,500	2,495		--		--
Remarks			120/1/60		120/1/60		120/1/60		120/1/60					
EQUIPMENT NO.														
Make														
Model														
Output														
Working Pressure	psig	kPa		--		--		--		--		--		--
Entering Water Temperature	°F	°C		--		--		--		--		--		--
Leaving Water Temperature	°F	°C		--		--		--		--		--		--
FUEL														
Gas Pressure	psig	kPa		--		--		--		--		--		--
No. 2 Oil	USgpm	L/min		--		--		--		--		--		--
Motor	hp	kW		--		--		--		--		--		--
Equipment Weight	Lbs	kg		--		--		--		--		--		--
Remarks														

EQUIPMENT NO.			WPG03CCH01												
Basis Of Design															
Make			ClimaCool												
Module Quantity		5	UCH085ANASAWB0S												
Tons of Cooling			420.2												
Power Input Kw (Cooling)			306.800												
Efficiencies	IPLV	APLV													
Refrigerant Type			R-410												
Refrigerant Weight	Lbs	kg	400	181		--		--		--		--		--	
EVAPORATOR															
Fluid			25% P.G.												
Fluid Flow Rate	USgpm	L/min	760	2,877		--		--		--		--		--	
Entering Water Temperature	°F	°C	58.0	14.4		--		--		--		--		--	
Leaving Water Temperature	°F	°C	44.0	6.7		--		--		--		--		--	
Water Pressure Drop	ft H2O	kPa	9.4	28.0		--		--		--		--		--	
Number of Passes			Braze Plate												
Fouling Factor			0.0001												
CONDENSER															
Fluid			25% P.G.												
Fluid Flow Rate	USgpm	L/min	1,260	4,769		--		--		--		--		--	
Entering Water Temperature	°F	°C	85.0	29.4		--		--		--		--		--	
Leaving Water Temperature	°F	°C	95.0	35.0		--		--		--		--		--	
Water Pressure Drop	Ft. H2O	kPa	16.4	48.9		--		--		--		--		--	
Number of Passes			Braze Plate												
Fouling Factor			0.0001												
RECLAIM CONDENSER															
Fluid			25% P.G.												
Fluid Flow Rate	USgpm	L/min	378	1,432		--		--		--		--		--	
Entering Fluid Temperature	°F	°C	100.0	37.8		--		--		--		--		--	
Leaving Fluid Temperature	°F	°C	130.0	54.4		--		--		--		--		--	
Fluid Pressure Drop	Ft. H2O	kPa	1.6	4.8		--		--		--		--		--	
Number of Passes			Braze Plate												
Fouling Factor			0.0001												
Reset Temperature	°F	°C		--		--		--		--		--		--	
SOUND DATA		db	75												
ELECTRICAL DATA															
Motor	hp	kW		--		--		--		--		--		--	
RLA			575												
MCA			589												
MOP			600												
REMARKS			C/W												
			Evap and Cond.												
			Water Isolation												
			Motorized Valves												

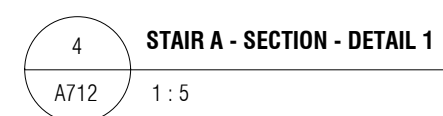
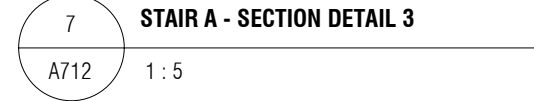
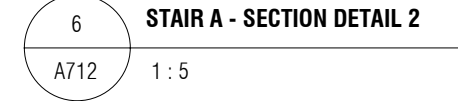
EQUIPMENT NO.			WPG03CTR01/02											
Basis of Design														
Make			Evapco											
Model			ATWB 24-6N20-R											
Location			ROOF											
FLUID SIDE														
Fluid Flow Rate	USgpm	L/min	1,274	4,823		--		--		--		--		--
Entering Fluid Temperature	°F	°C	92.0	33.3		--		--		--		--		--
Leaving Fluid Temperature	°F	°C	82.0	27.8		--		--		--		--		--
AIR SIDE														
Airflow Rate	cfm	L/s	264320.0	124,733		--		--		--		--		--
Entering Air Temperature (wb)	°F	°C	75.0	23.9		--		--		--		--		--
Discharge extension?	Yes/No		NO											
External Static Pressure	In H2O	Pa		--		--		--		--		--		--
Corrosion Protection?	Yes/No		YES											
Number of Pan Heaters	No.		N/A											
Input per heater		kW	N/A											
Weight	Lbs	kg	109,550	49,692		--		--		--		--		--
REMARKS			C/W DRIFT ELIMINATORS											

EQUIPMENT NO.			WPG03AHU01	WPG03AHU02	WPG03AHU03	WPG03AHU04	WPG03AHU05	WPG03AHU06		
Area Served			LAB	PILOT PLANT	CRAWLSPACE	L1 AND L2	LAB (EXHAUST)	LAB (EXHAUST)		
Location			L1 MECH ROOM	L1 MECH ROOM	CRAWLSPACE	L2 MECH ROOM	ROOF	ROOF		
Supply Fan Designation			SF-WPG03AHU01	SF-WPG03AHU02	SF-WPG03AHU03	SF-WPG03AHU04	NA	NA		
Related Return Fan			NA	NA	NA	NA	NA	NA		
Related Exhaust Fan			NA	NA	NA	NA	EF-WPG03AHU05	EF-WPG03AHU06		
Airflow Rate	cfm	L/s	30,000 14,160	30,000 14,160	3,000 1,416	3,500 1,652	31,500 14,868	31,500 14,868	--	--
Mixing Plenum Required										
Pre-filters			MERV 8	MERV 8	MERV 8	MERV 8	NA	NA		
Final filters			MERV 14	MERV 14	MERV 14	MERV 14	NA	NA		
Specialty filters			NA	NA	NA	NA	NA	NA		
Face and Bypass Section			NA	NA	NA	NA	NA	NA		
Auditorium Bypass Section			NA	NA	NA	NA	NA	NA		
Preheat Coil			NA	NA	NA	PHC-WPG03AHU04	NA	NA		
Heating Coil			HC-WPG03AHU01	HC-WPG03AHU02	HC-WPG03AHU03	HC-WPG03AHU04	HRC-WPG03AHU05	HRC-WPG03AHU06		
Reheat Coil										
Cooling Coil			CC-WPG03AHU01	CC-WPG03AHU02	NA	CC-WPG03AHU02	NA	NA		
Multizone Dampers										
Humidifier			WPG03HUM01	WPG03HUM02	NA	WPG03HUM03	NA	NA		
GENERAL DIMENSIONS			REFER TO DRAWINGS	REFER TO DRAWINGS		REFER TO DRAWINGS	REFER TO DRAWINGS	REFER TO DRAWINGS		
Length	mm	in.			2235.0	88	--	--	--	--
Width	mm	in.			1320.0	52	--	--	--	--
Height	mm	in.			762.0	30	--	--	--	--
Equipment Weight	kg	lbs.				--	--	--	--	--
Basis of Design										
Make			Haakon Custom	Haakon Custom	Daikin	Haakon Custom	Ventrol	Ventrol		

EQUIPMENT NO.			CC-WPG03AHU01		CC-WPG03AHU02		CC-WPG03AHU04					
Location			L1 MECH. ROOM WPG03AHU01		L1. MECH ROOM WPG03AHU02		L2. MECH ROOM WPG03AHU04					
Airflow Rate	cfm	L/s	30,000	14,160	30,000	14,160	3,500	1,652		--		--
Number of Coils			3		3		1					
Physical Data (Per Coil)												
Width	In	mm	105	2,661	105	2,661	55	1,388		--		--
Height	In	mm	47	1,194	47	1,194	38	965		--		--
Area	ft²	m²	83.4	7.8	83.4	7.8	10.0	0.9		--		--
Face velocity	fpm	m/s	359.6	1.8	359.6	1.8	350.0	1.8		--		--
Type			Corrugated		Corrugated		Corrugated					
Minimum Rows			8		8		12					
Fins per inch Series			9		9		6					
AIR SIDE												
Entering Air Temperature (db)	°F	°C	87.0	30.6	87.0	30.6	87.0	30.6		--		--
Entering Air Temperature (wb)	°F	°C	74.0	23.3	74.0	23.3	74.0	23.3		--		--
Leaving Air Temperature (db)	°F	°C	54.0	12.2	54.0	12.2	54.1	12.3		--		--
Leaving Air Temperature (wb)	°F	°C	53.8	12.1	53.8	12.1	53.9	12.2		--		--
Air Pressure Drop	In H2O	Pa	0.56	139.3	0.56	139.3	0.49	121.9		--		--
FLUID SIDE												
Fluid			25% P.G.		25% P.G.		25% P.G.					
Fluid Flow Rate	USgpm	L/min	299.8	1134.9	299.8	1134.9	35.0	132.5		--		--
Entering Fluid Temperature	°F	°C	44.0	6.7	44.0	6.7	44.0	6.7		--		--
Leaving Fluid Temperature	°F	°C	58.0	14.4	58.0	14.4	58.0	14.4		--		--
Fluid Pressure Drop	ft H2O	kPa	11.8	35	11.8	35	20.5	61		--		--
MINIMUM CAPACITY												
Total	MBH	kW	2,056.0	602.4	2,056.0	602.4	239.0	70.0		--		--
Sensible	MBH	kW	1,086.0	318.2	1,086.0	318.2	126.0	36.9		--		--
Latent	MBH	kW	970.0	284.2	970.0	284.2	113.0	33.1		--		--
Turbulators			YES		YES		YES					
REMARKS												

Page 1 of 1

EQUIPMENT NO.			WPG03HUM01		WPG03HUM02		WPG03HUM03									
Basis of Design																
Make			Condaire		Condaire		Condaire									
Model			GSTC-600		GSTC-600											
Air Handler Served			WPG03AHU01		WPG03AHU02		APG03AHU04									
Airflow Rate	cfm	L/s	30,000	14,160	30,000	14,160	3,500	1,652		--		--		--		--
Outdoor Airflow Rate	cfm	L/s	30,000	14,160	30,000	14,160	3,500	1,652		--		--		--		--
Winter Space Temperature	°F	°C	72.0	22.2	72.0	22.2	72.0	22.2		--		--		--		--
Winter Space Humidity	% RH		30		30		30									
Summer Space Temperature	°F	°C	75.0	23.9	75.0	23.9	75.0	23.9		--		--		--		--
Summer Space Humidity	% RH		50		50		50									
Water Requirements	Lb/hr	Kg/hr	600	272	600	272	100	45		--		--		--		--
Steam Pressure	psia	kPa	LOW		LOW		LOW			--		--		--		--
Fuel			NAT. GAS		NAT. GAS		NAT. GAS			--		--		--		--
Remarks			120V/1PH/60		120V/1PH/60		120V/1PH/60									
EQUIPMENT NO.																
Make																
Model																
Air Handler Served																
Airflow Rate	cfm	L/s		--		--		--		--		--		--		--
Outdoor Airflow Rate	cfm	L/s		--		--		--		--		--		--		--
Winter Space Temperature	°F	°C		--		--		--		--		--		--		--
Winter Space Humidity	% RH															
Summer Space Temperature	°F	°C		--		--		--		--		--		--		--
Summer Space Humidity	% RH															
Water Requirements	Lb/hr	Kg/hr		--		--		--		--		--		--		--
Steam Pressure	psia	kPa		--		--		--		--		--		--		--
Power Requirements	hp	kW		--		--		--		--		--		--		--
Remarks																





Project1 Project

**NRC ADVANCED
MANUFACTURING PROGRAM
(AMP) - WINNIPEG**

Red Fife Road, Winnipeg,
Manitoba

Designed by	Comp. par.
CL/MK/CL/AP	

Approved by _____ Approuvé par _____

TPSGC Project Manager Administrateur de Projets TPSGC
KEVIN GALLAYS

STAIR DETAILS - STAIR A

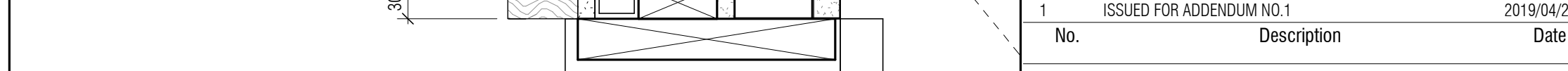
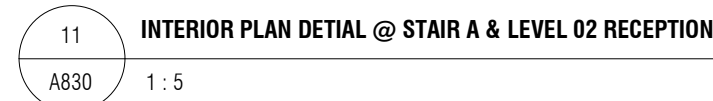
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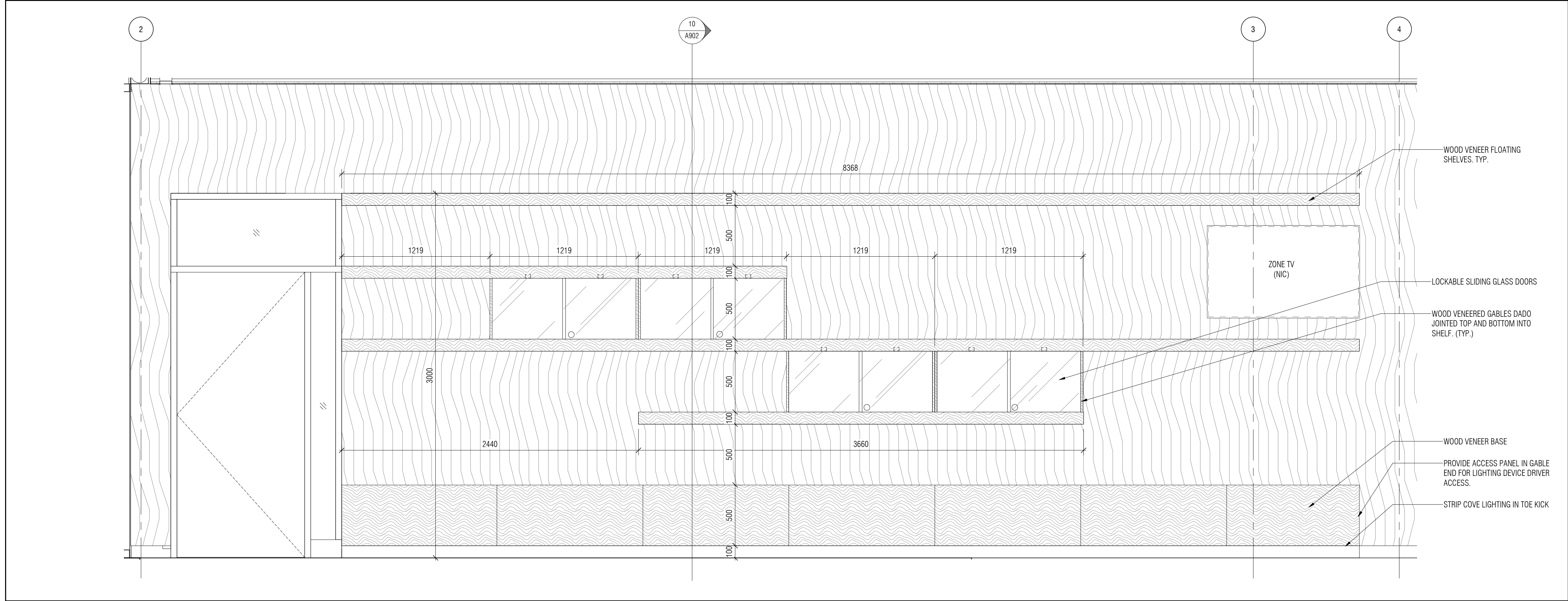
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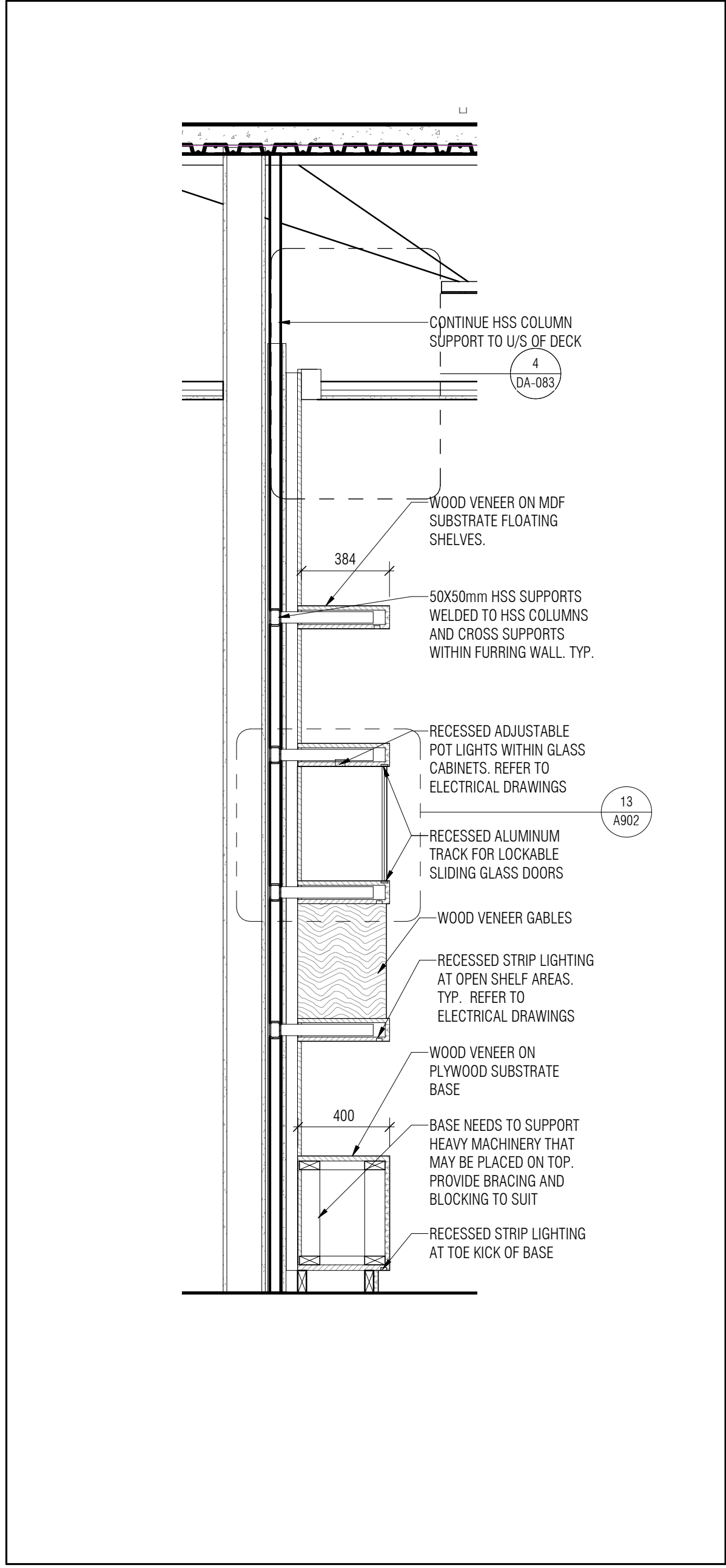
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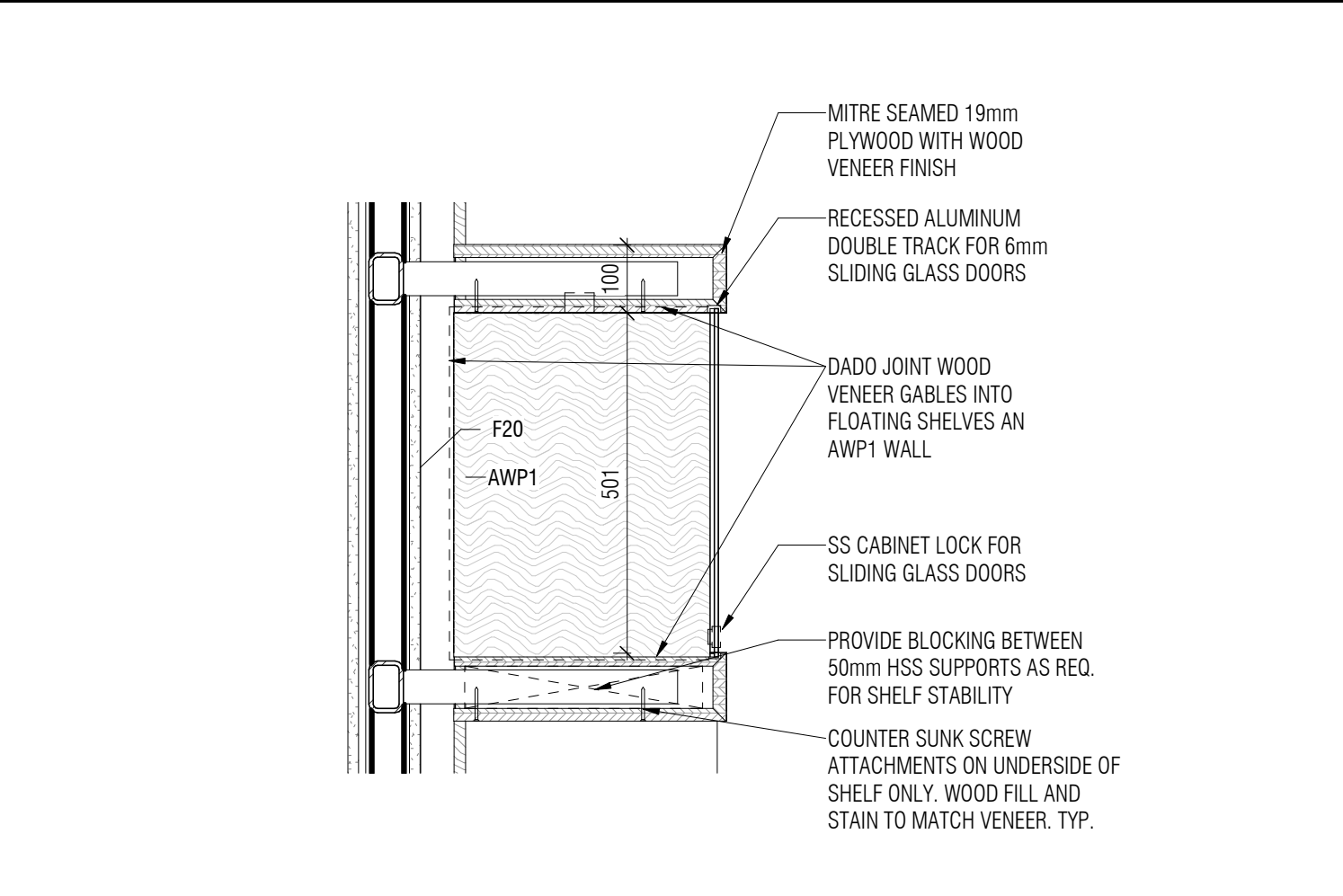




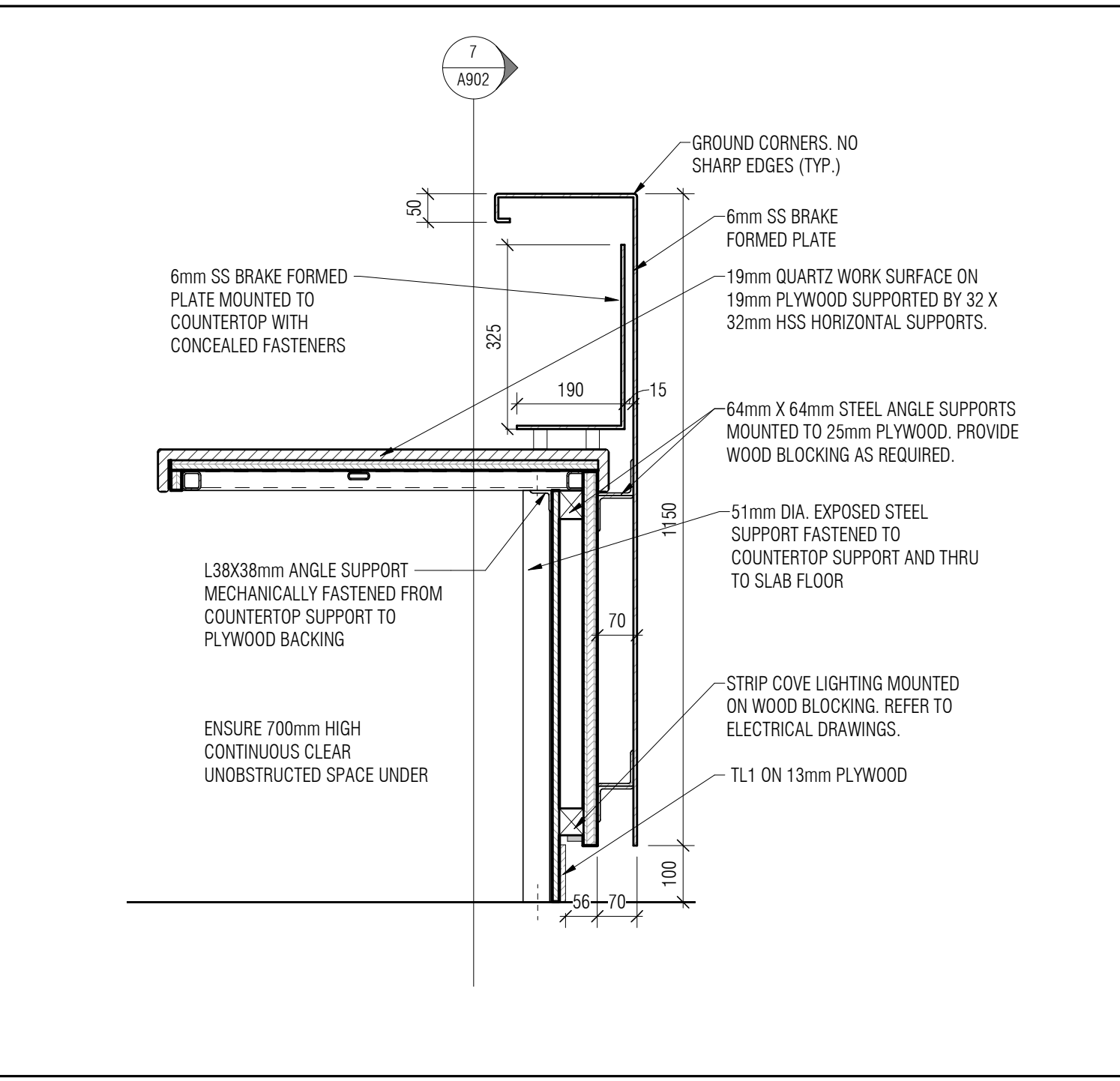
12 MW2 MILLWORK ELEVATION - LOBBY DISPLAY CASE
A902 1:20



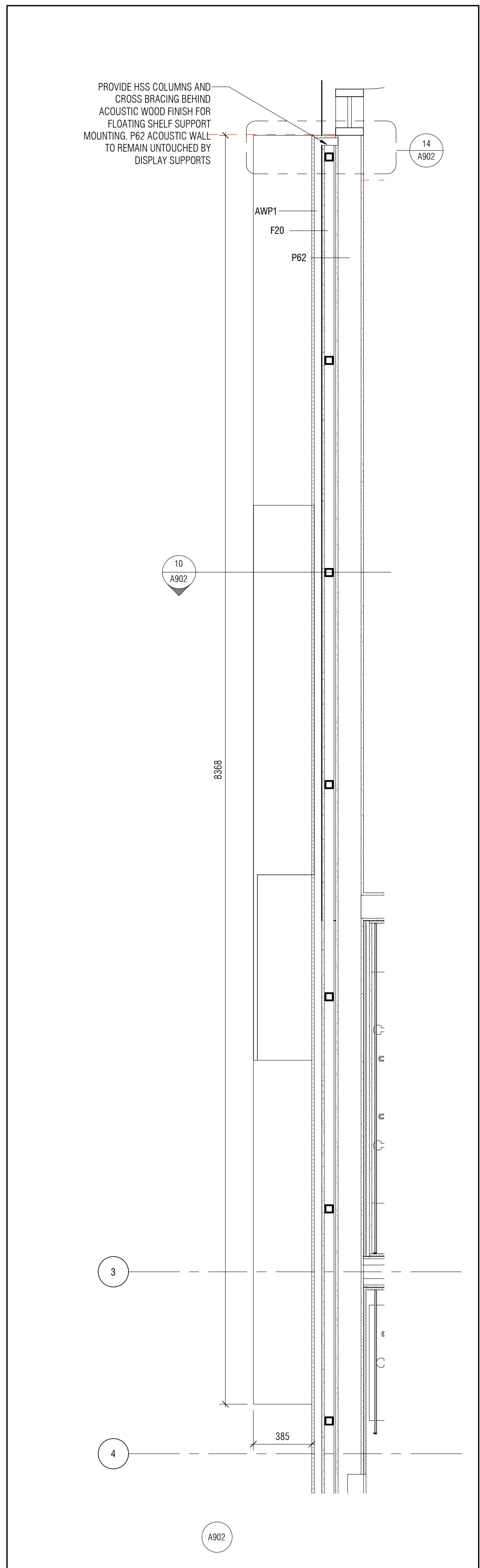
10 MW2 MILLWORK SEC TION - LOBBY DISPLAY CASE
A902 1:20



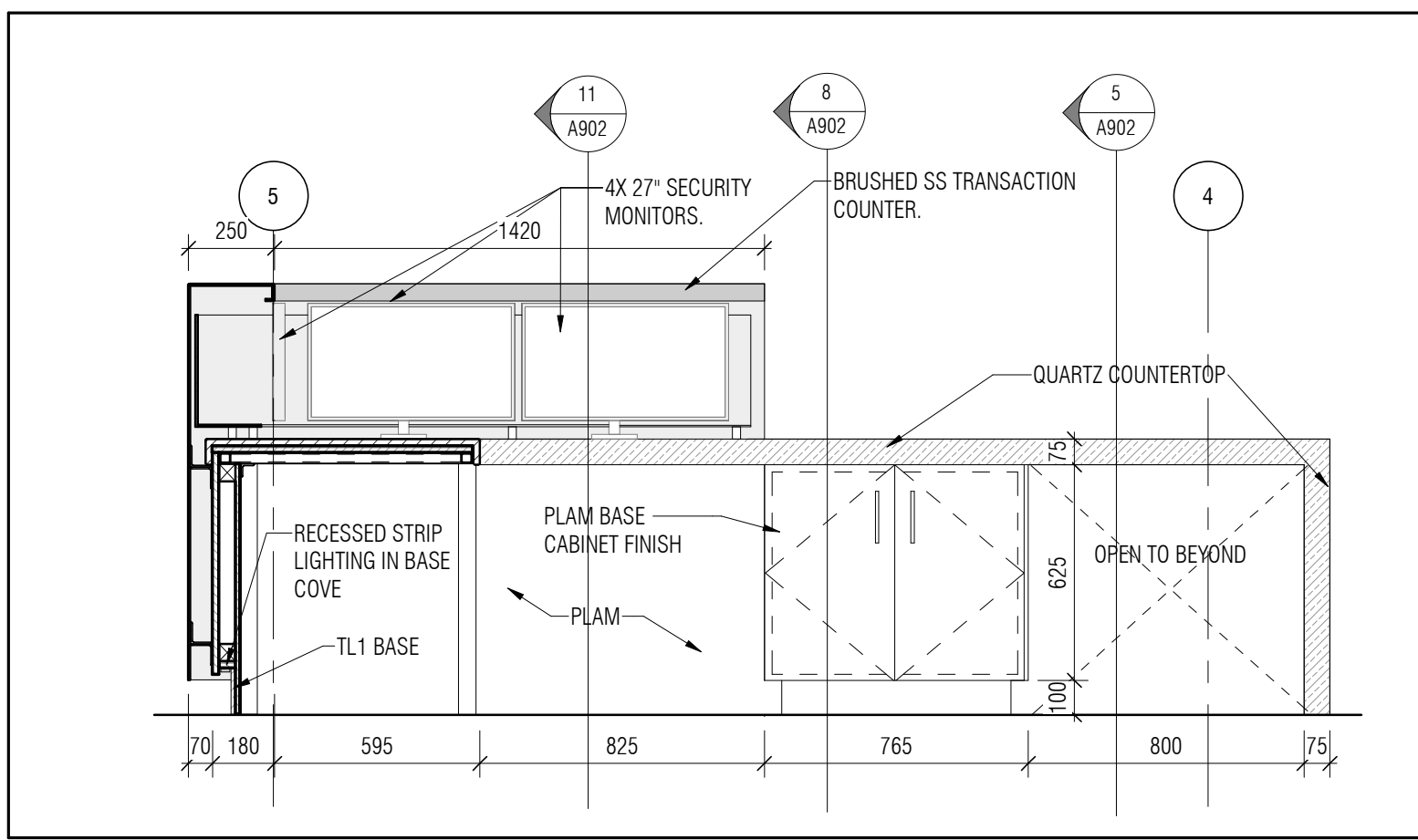
13 MW2 MILLWORK SECTION DETAIL - LOBBY DISPLAY CASE
A902 1:10



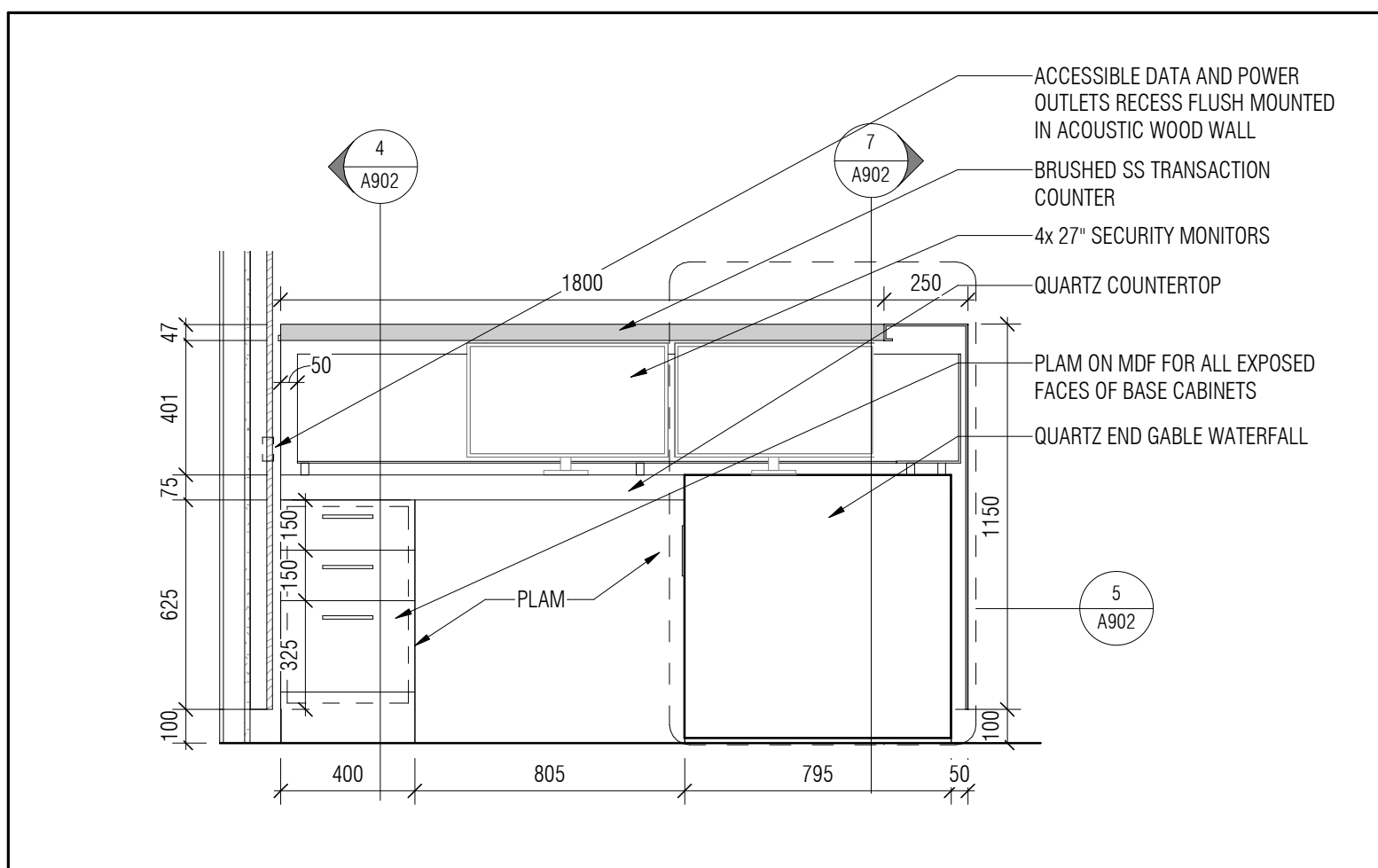
11 MILLWORK SECTION - LOBBY RECEPTION DESK @ DISPLAYS
A902 1:10



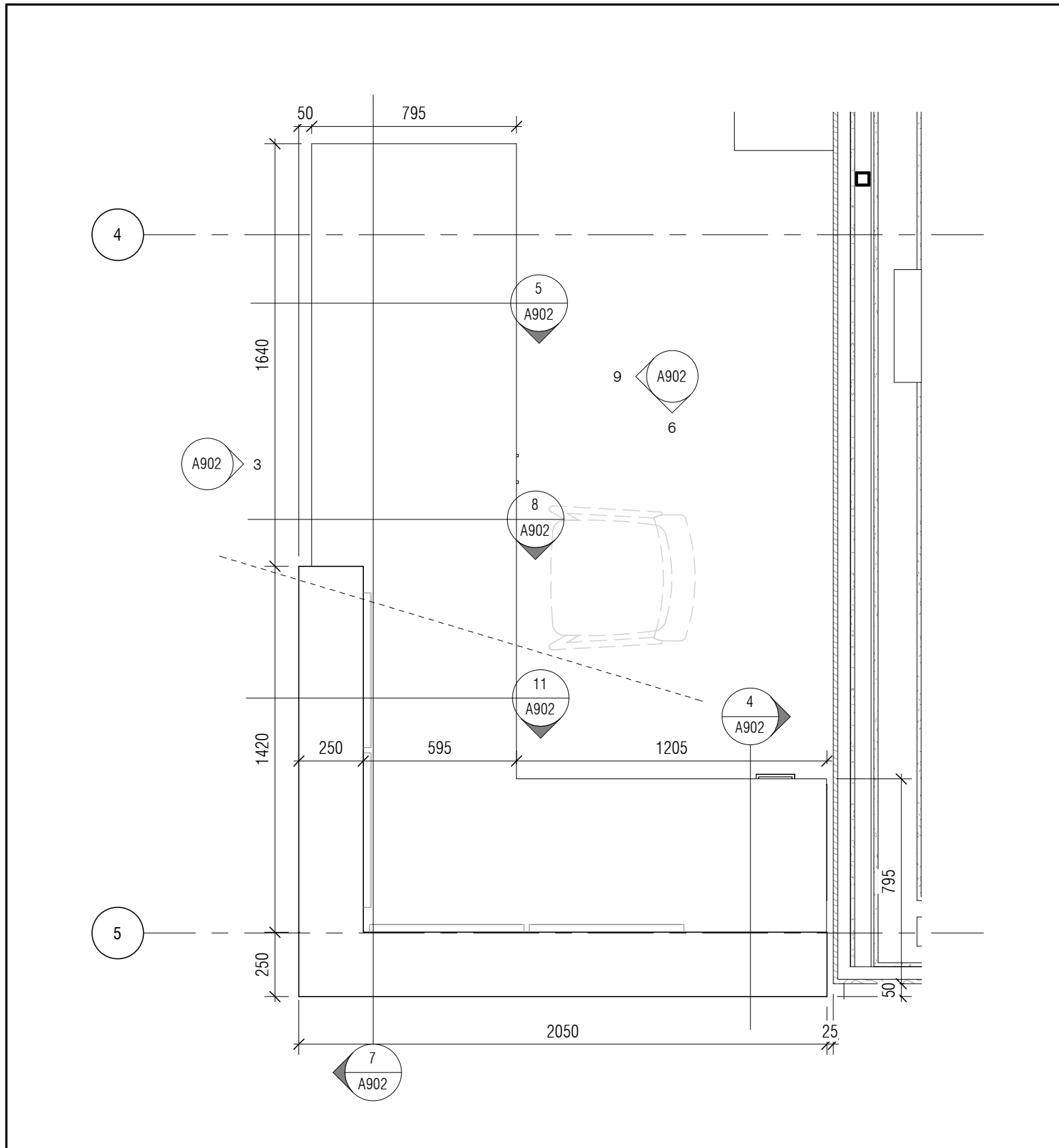
1 MW2 MILLWORK PLAN - LOBBY DISPLAY CASE
A902 1:20



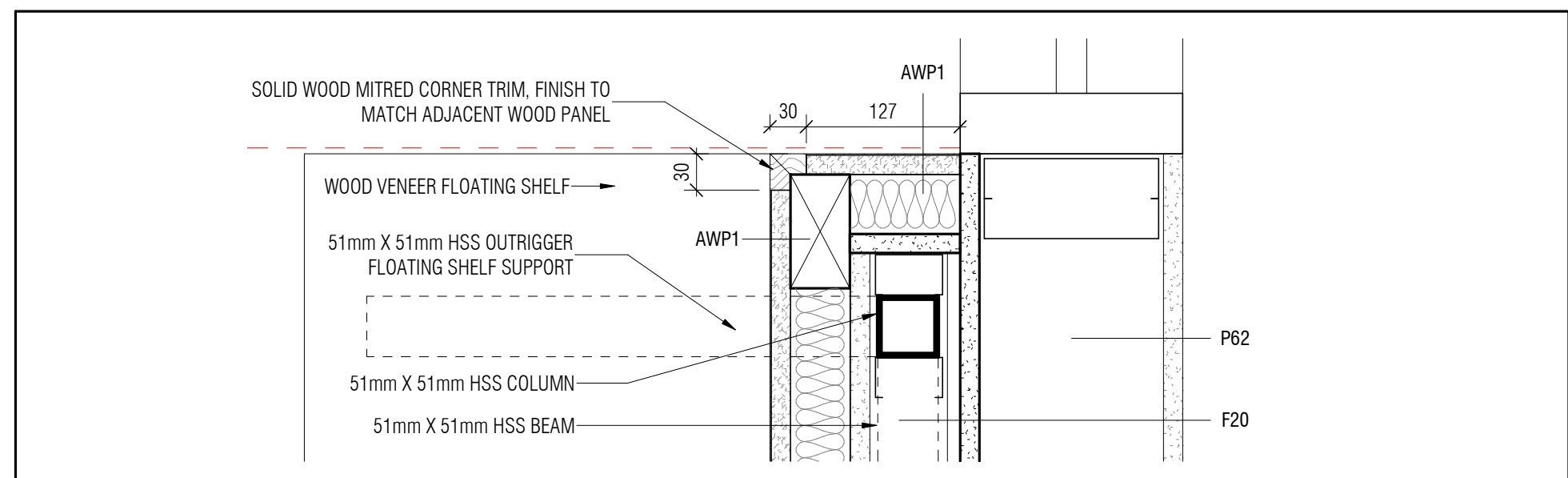
9 MW1A MILLWORK WEST ELEVATION - LOBBY RECEPTION DESK
A902 1:20



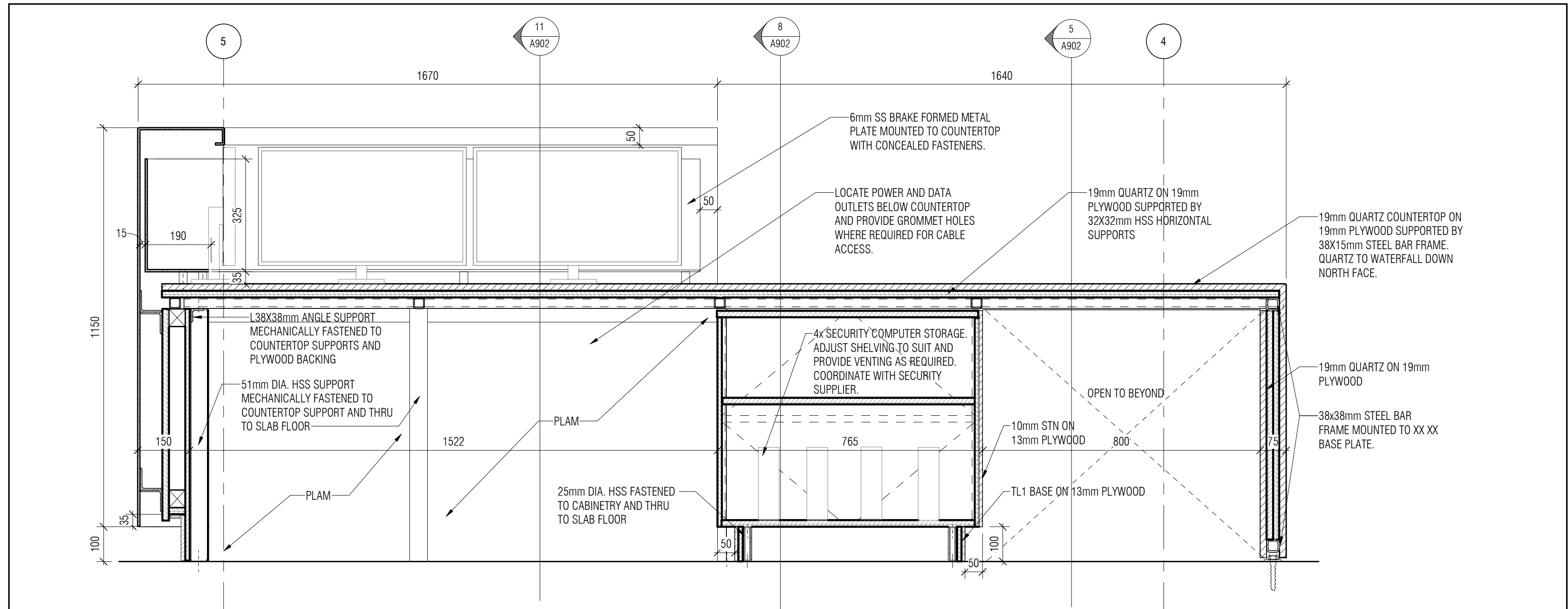
6 MW1A MILLWORK SOUTH ELEVATION - LOBBY RECEPTION DESK
A902 1:20



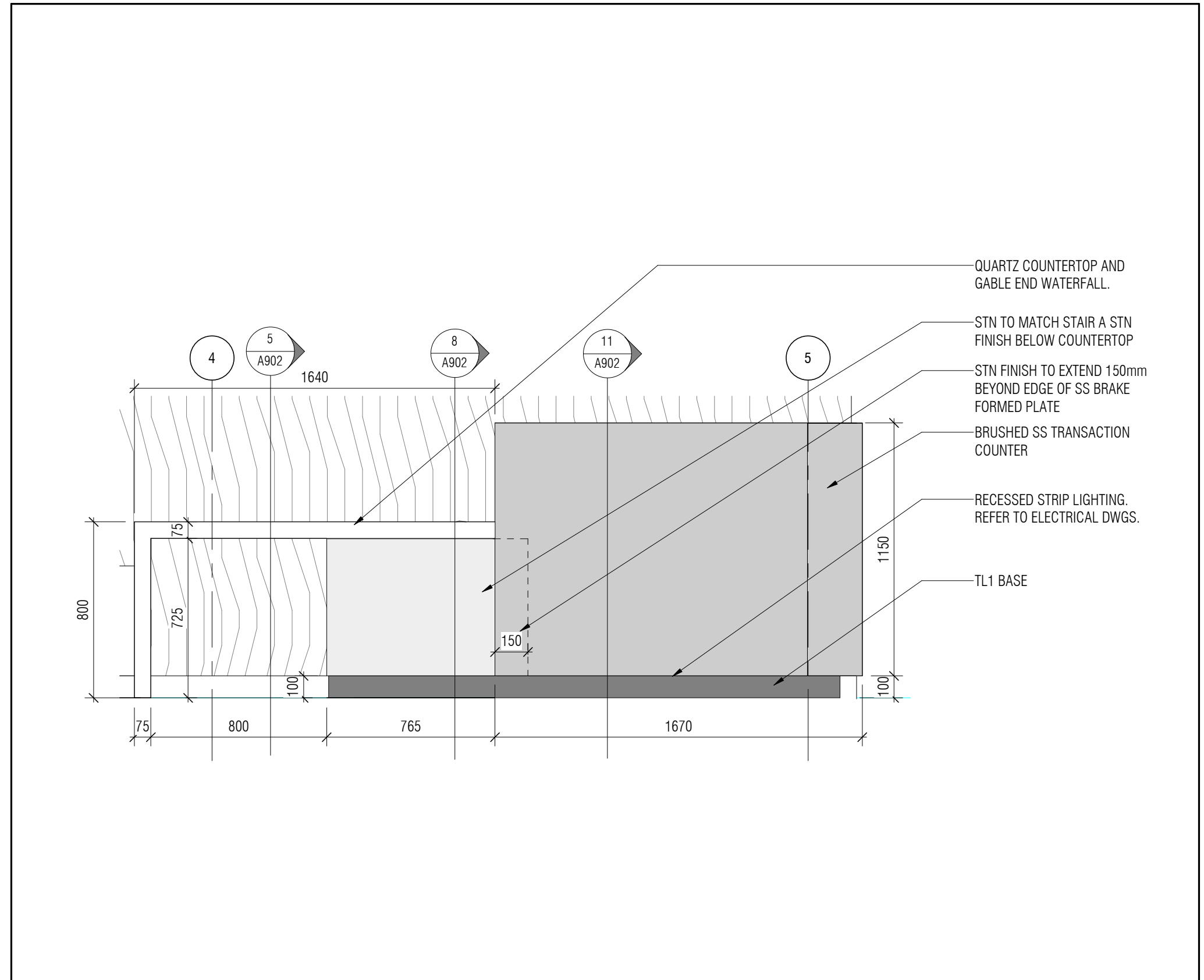
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A902 1:20



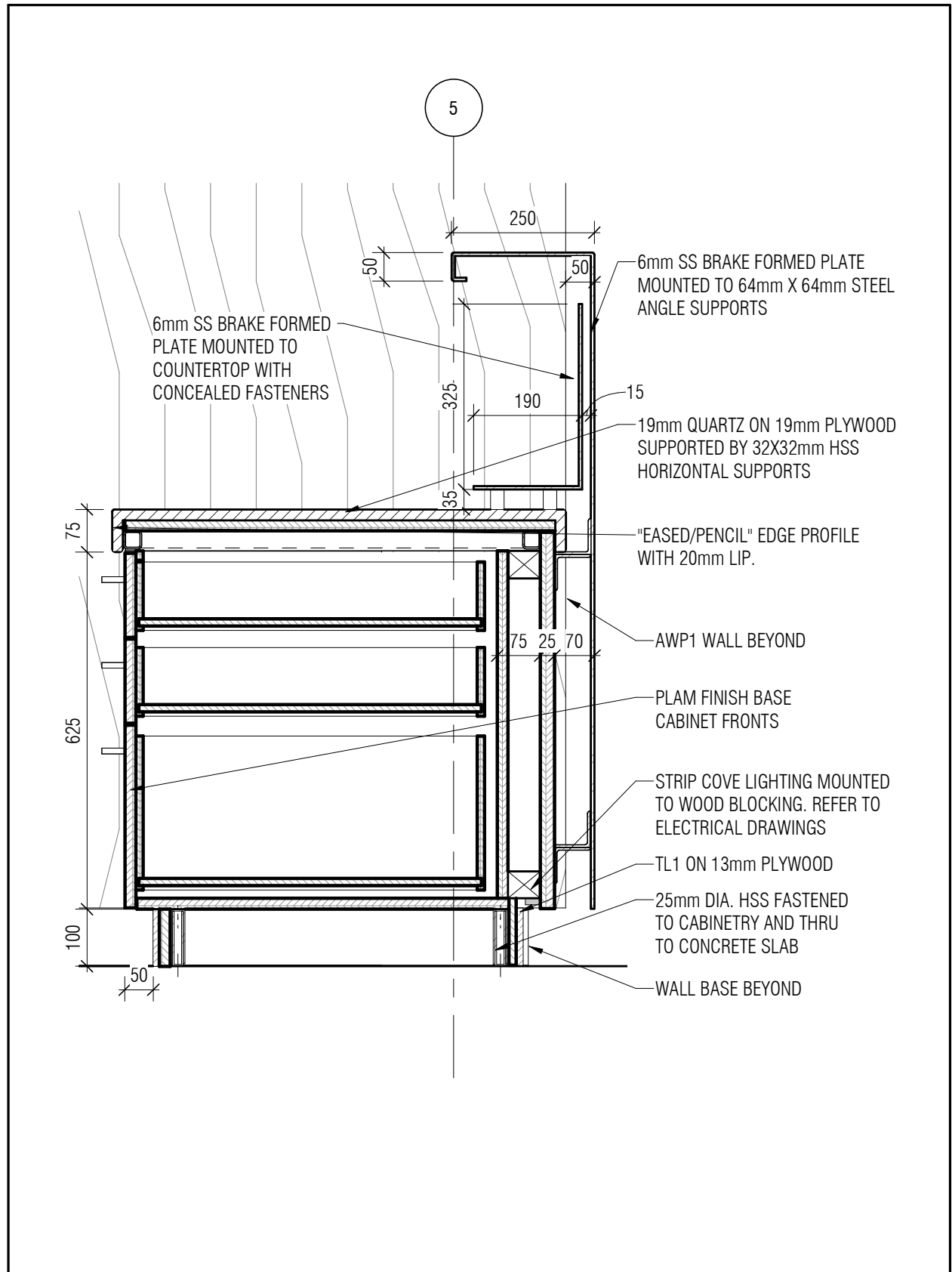
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A902 1:5



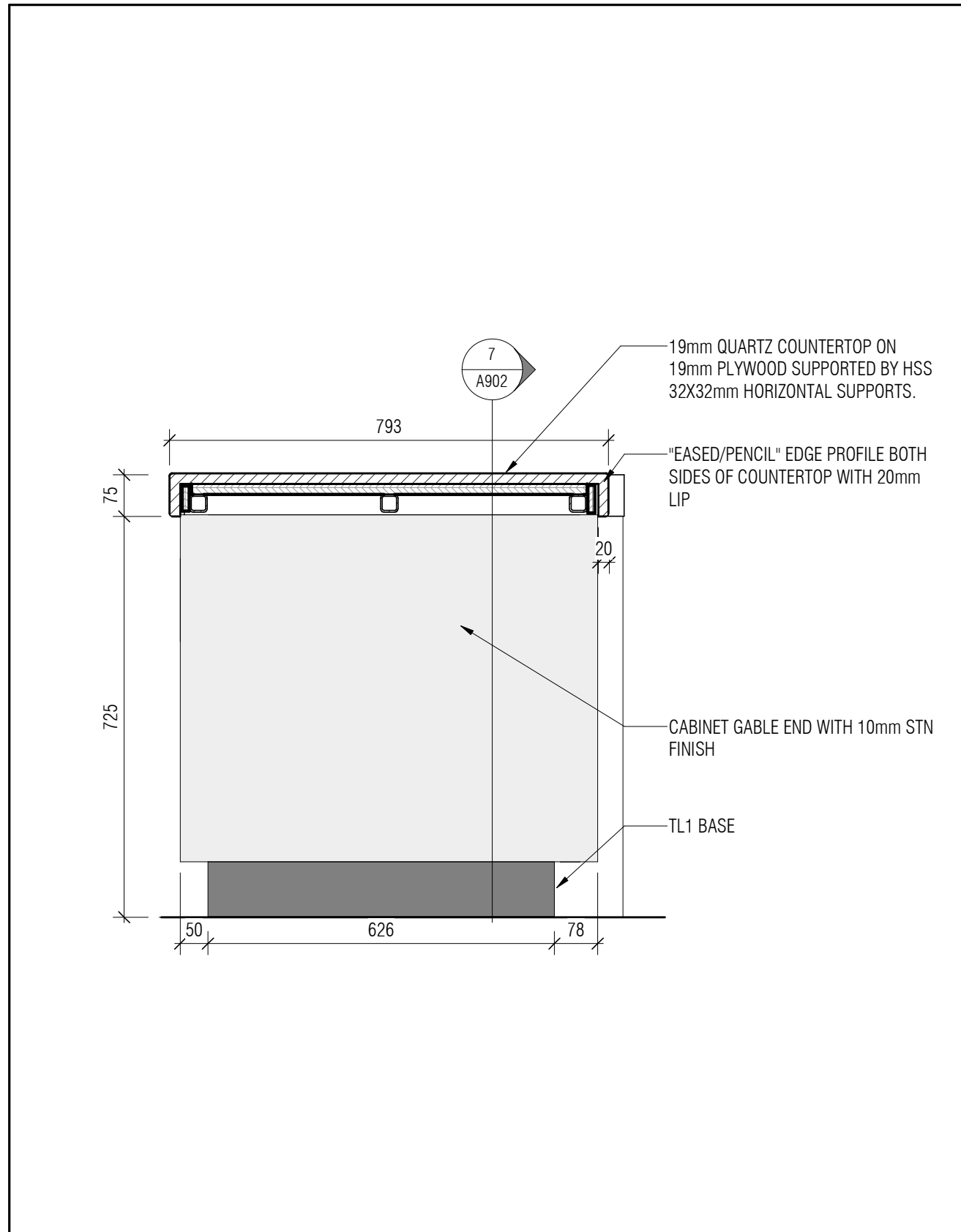
7 MW1A MILLWORK SECTION - LOBBY RECEPTION DESK
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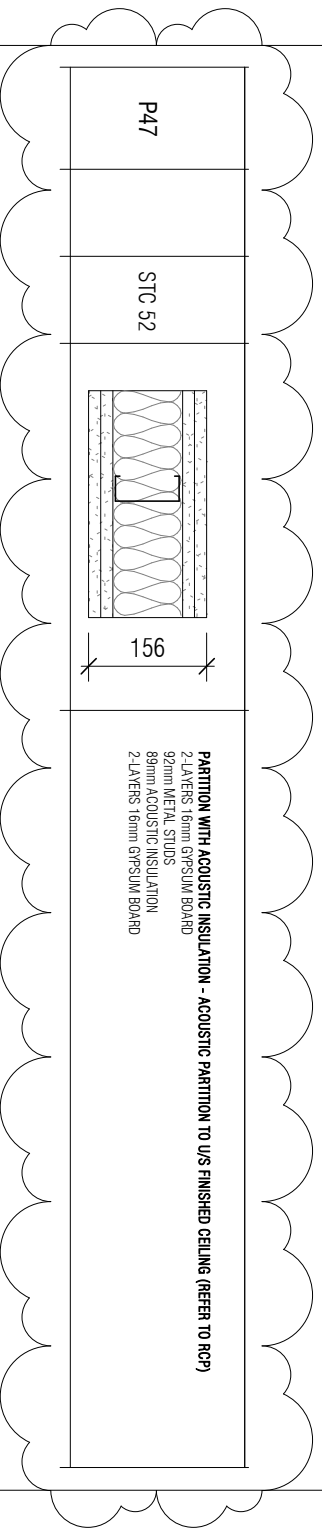
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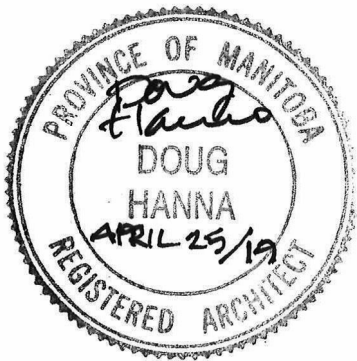
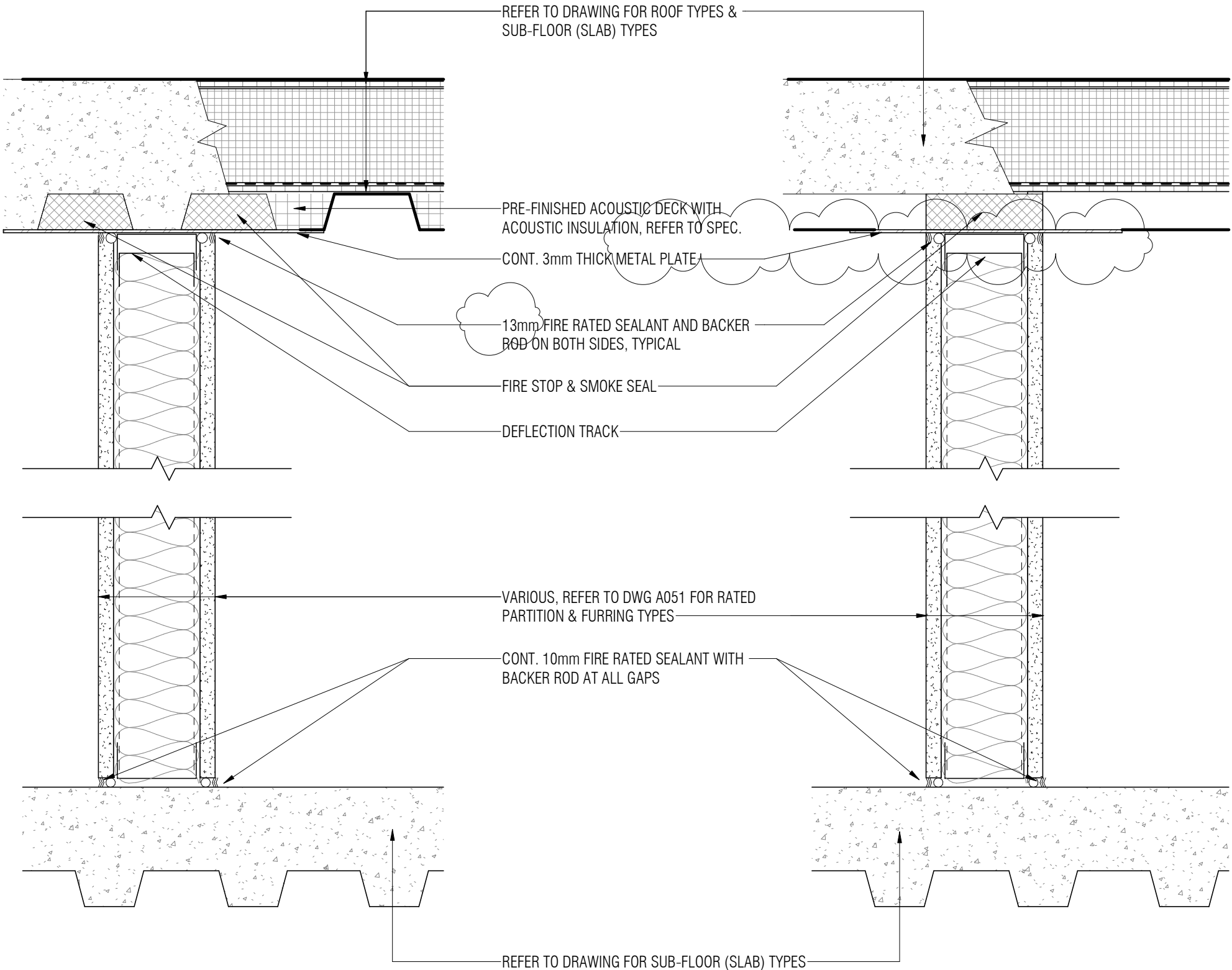
4 MW1A MILLWORK SECTION - LOBBY RECEPTION DESK @ SOUTH SECTION
A902 1:10



5 MW1A MILLWORK SECTION - LOBBY RECEPTION DESK @ ACCESSIBLE COUNTER
A902 1:10



project	projet	Designed By	MM/CL/CL/AP	Conçu par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	
		Approved By	DH/JF	Approuvé par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	KEVIN GALLAYS	Administrateur de projets	
A051-INTERIOR BUILDING ELEMENTS		Project no. R.076948.001			
Red Fife Road, Winnipeg, Manitoba		Drawing no. DA-001			
		No. du projet			
		No. du dessin			



Public Works and Government Services Canada

Travaux publics et services gouvernementaux Canada

REAL PROPERTY SERVICES Western Region

SERVICES IMMOBILIERS Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
revisions	description	date

A

C

A detail no.
no. du detail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

A

B

C

project

projet

NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG

Red Fife Road, Winnipeg, Manitoba

drawing

dessin

3/A051-INTERIOR BUILDING ELEMENTS

Designed By MK/CL/CL/AP

Conçu par

Date

(yyyy/mm/dd)

Drawn By CL

Dessiné par

Date

(yyyy/mm/dd)

Reviewed By DH/JF

Examiné par

Date

(yyyy/mm/dd)

Approved By DH/JF

Approuvé par

Date

(yyyy/mm/dd)

Tender

Soumission

KEVIN GALLAYS

Project Manager

Administrateur de projets

Project no.

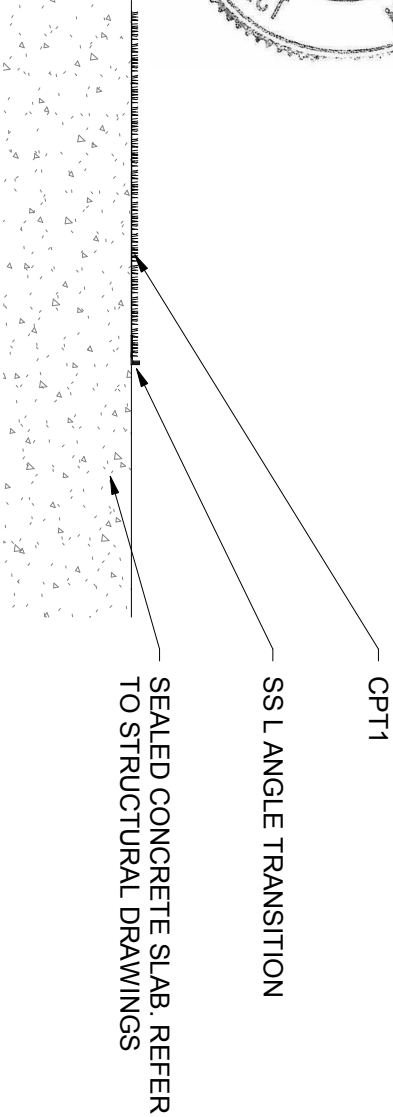
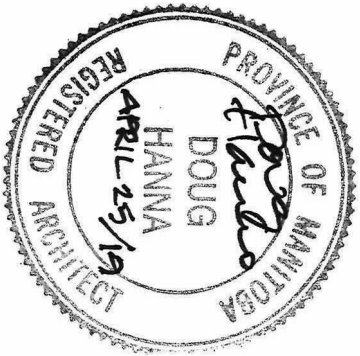
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R.076948.001

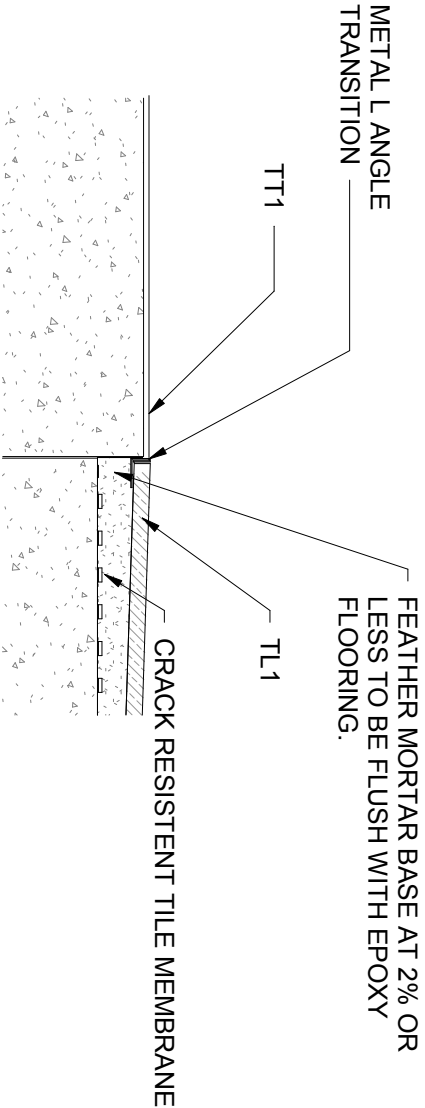
Drawing no.

No. du dessin

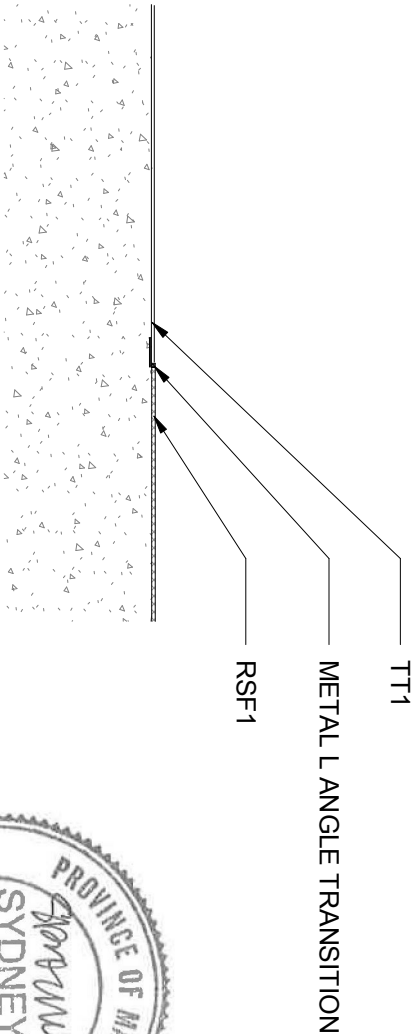
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CPT1 TO CONC.




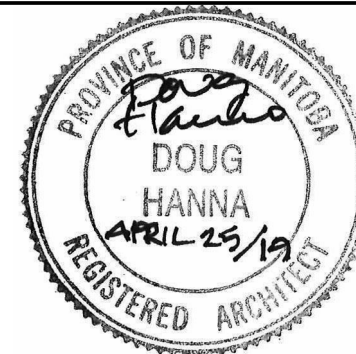
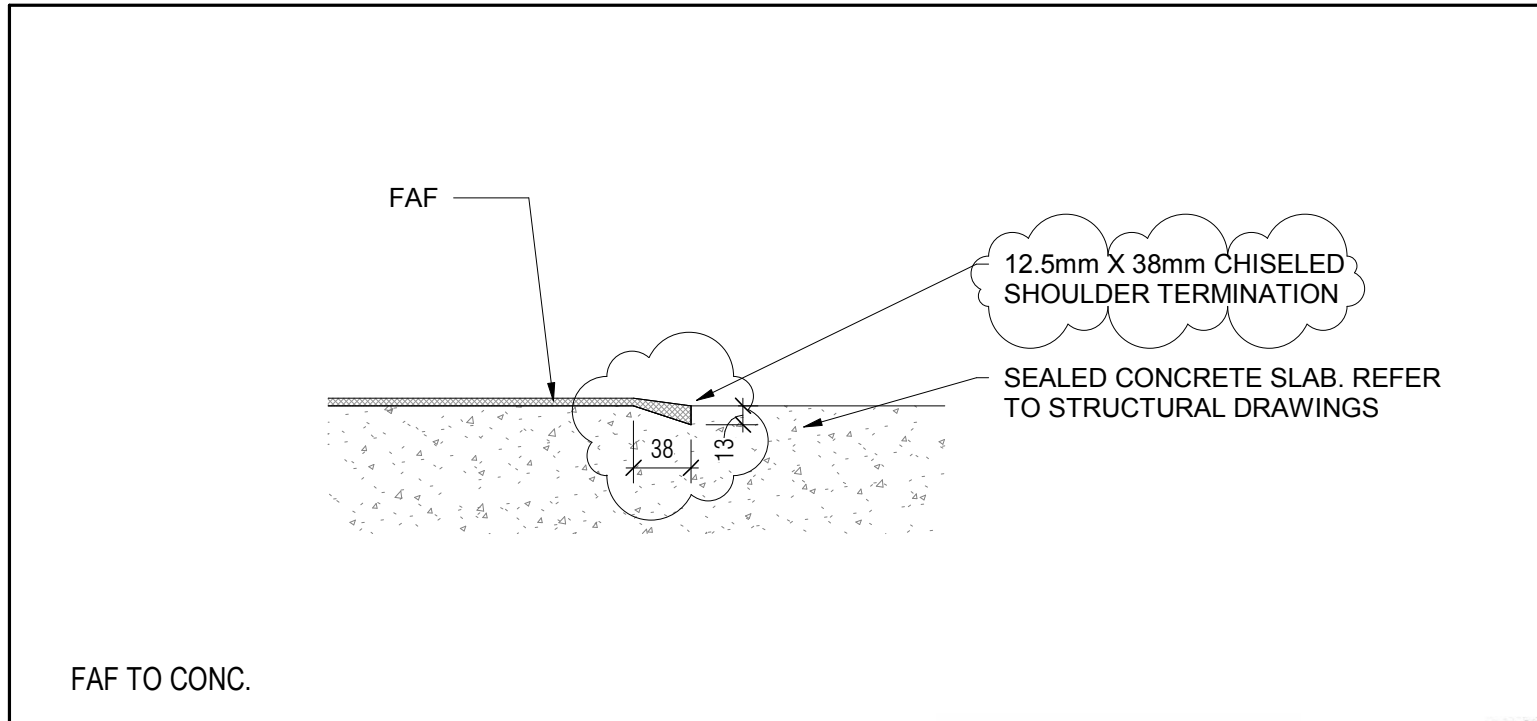
TT1 TO TL1




TT1 TO RSF



project	projet	Designed By	CLM/KCL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
		Date	2019/04/25	(yyy/mm/dd)		
		Drawn By	SC	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
drawing	dessin				Project no.	No. du projet
					R.076948.001	
					DA-003	No. du dessin



<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p> <p>project</p>	<p>Designed By CL/MK/CL/AP</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Drawn By SC</p> <p>Date 2019-04-25 (yyyy/mm/dd)</p> <p>Reviewed By DH/JF</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Approved By DH/JF</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Tender KEVIN GALLAYS</p> <p>Project Manager</p> <p>Conçu par</p> <p>Dessiné par</p> <p>Examiné par</p> <p>Approuvé par</p> <p>Soumission</p> <p>Administrateur de projets</p>	<p> Public Works and Government Services Canada</p> <p>Travaux publics et services gouvernementaux Canada</p> <p>REAL PROPERTY SERVICES Western Region</p> <p>SERVICES IMMOBILIERS Région de l'Ouest</p> <p>Project no. R.076948.001</p> <p>No. du projet</p> <p>Drawing no. DA-004</p> <p>No. du dessin</p>
<p>drawing</p> <p>PARTIAL 1/A052 - INTERIOR BUILDING ELEMENTS</p> <p>dessin</p>		



Travaux publics et
services gouvernementaux
Canada

SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
revisions	description	date

A detail no.
no. du detail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

project

project

NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG

Red Fife Road, Winnipeg, Manitoba

drawing	dessin
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A108 - PLAN - LEVEL 2 -
WEST

Designed By	MK/CL/CL/AP	Conçu par
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Date (yyyy/mm/dd)

Drawn By CL Dessiné par

Date	(yyyy/mm/dd)
Page 1 of 1	Page 1 of 1

DH/JF

Date	(yyyy/mm/dd)
Approved By	Approuvé par

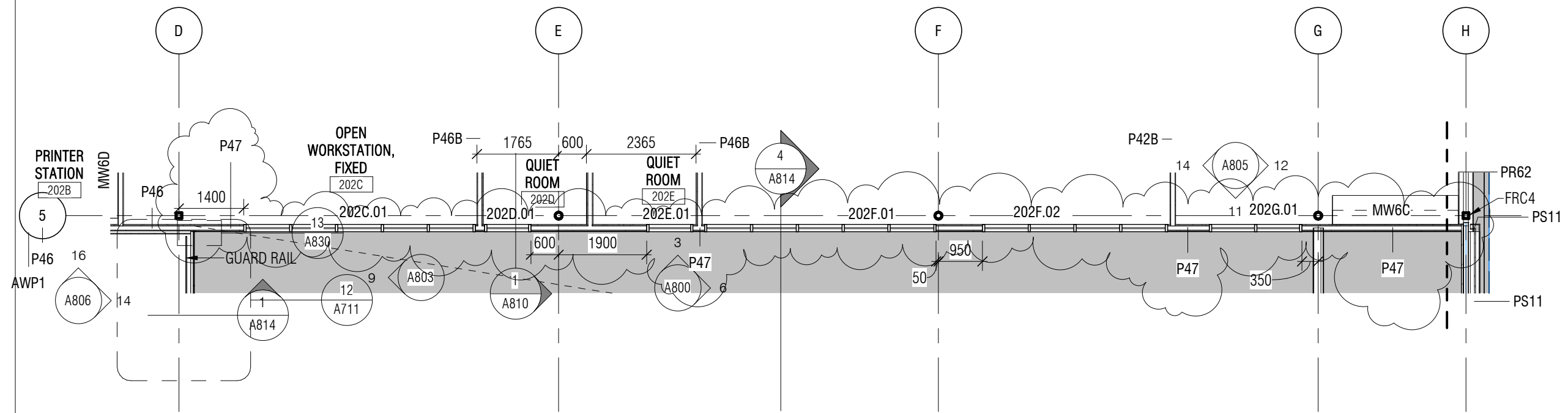
Tender	Soumission
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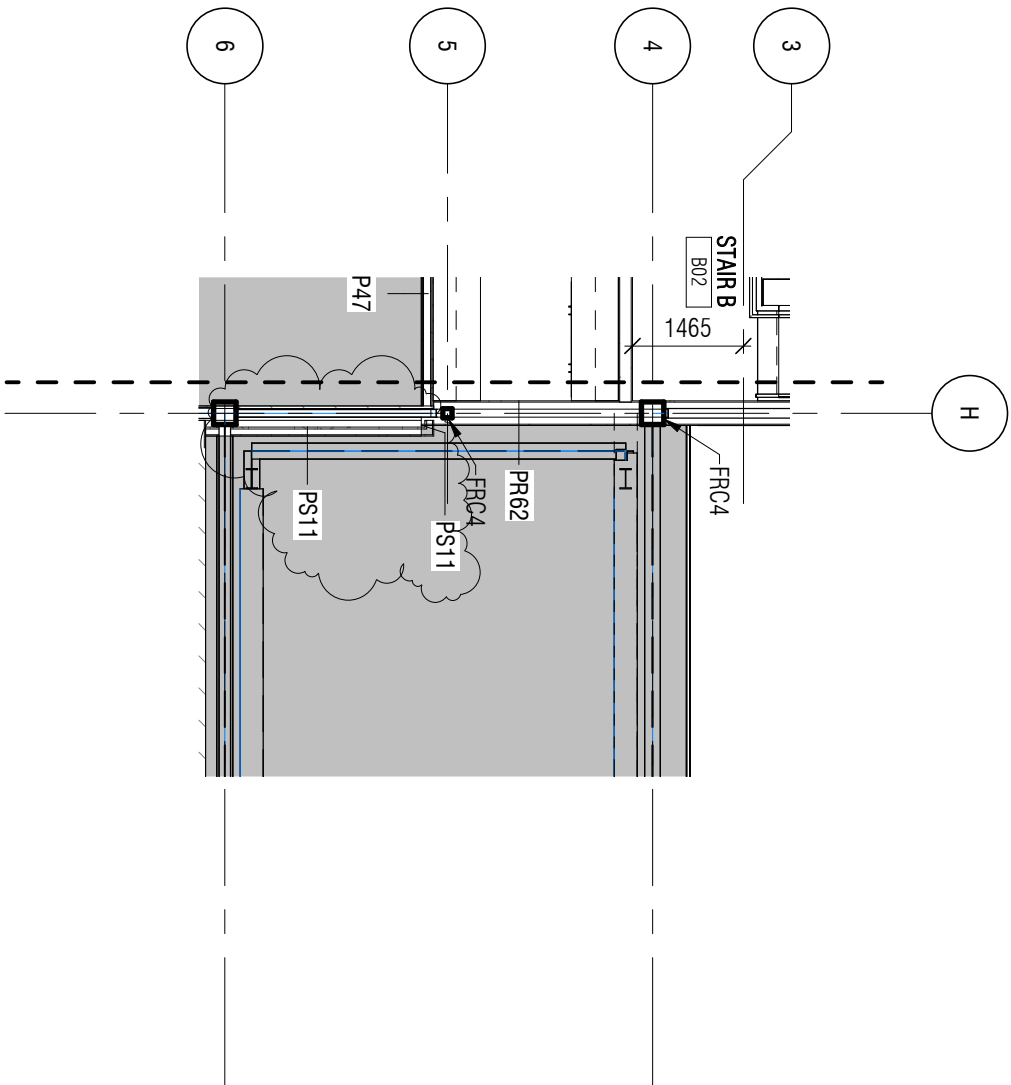
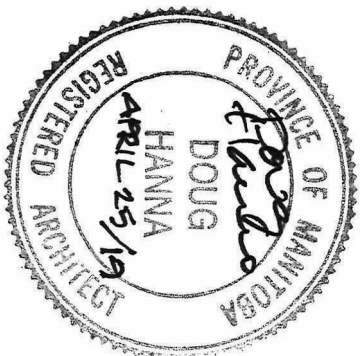
KEVIN GALLAYS


Project manager	Administrateur de projet
Project no.	No. du projet

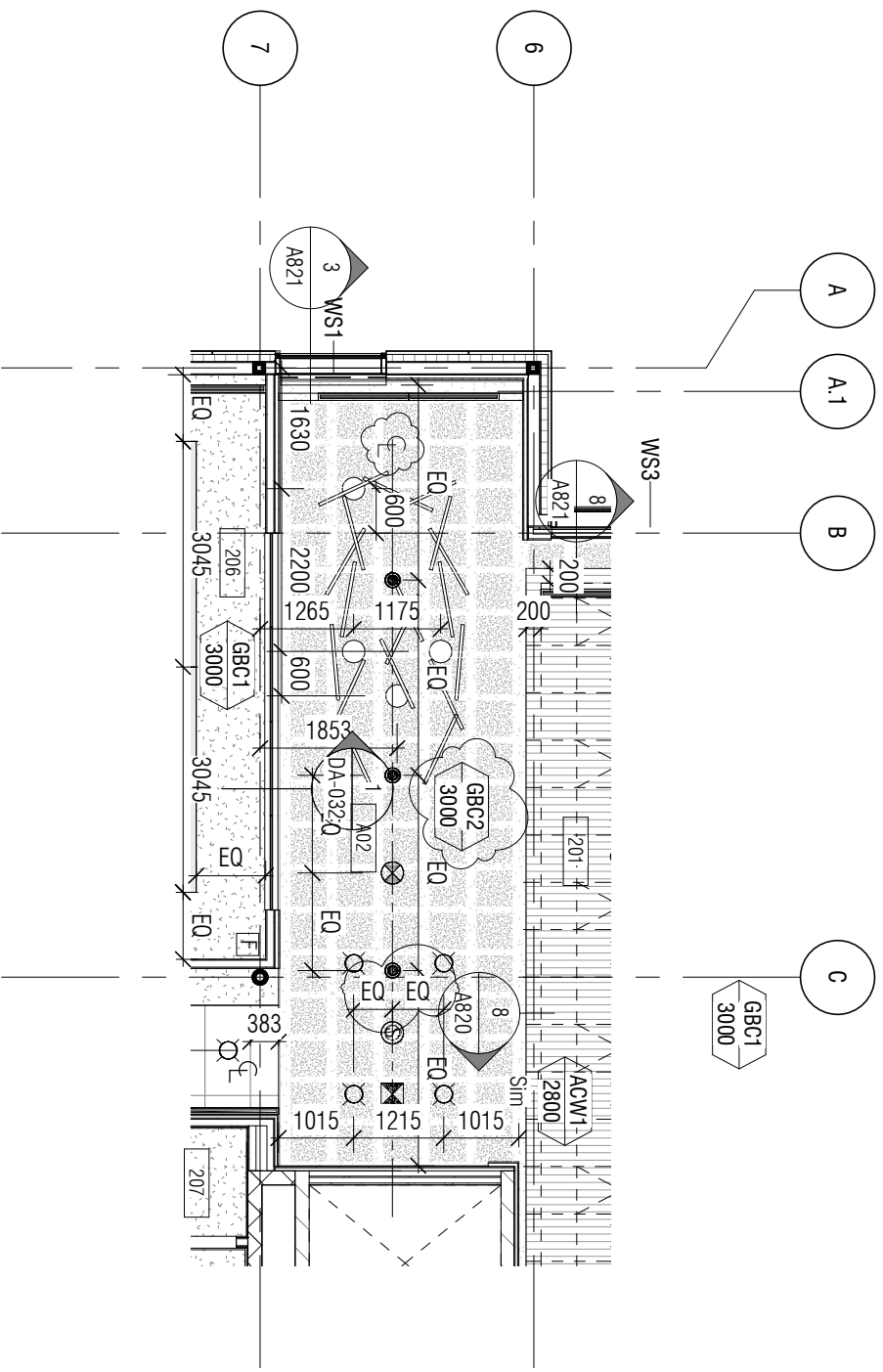
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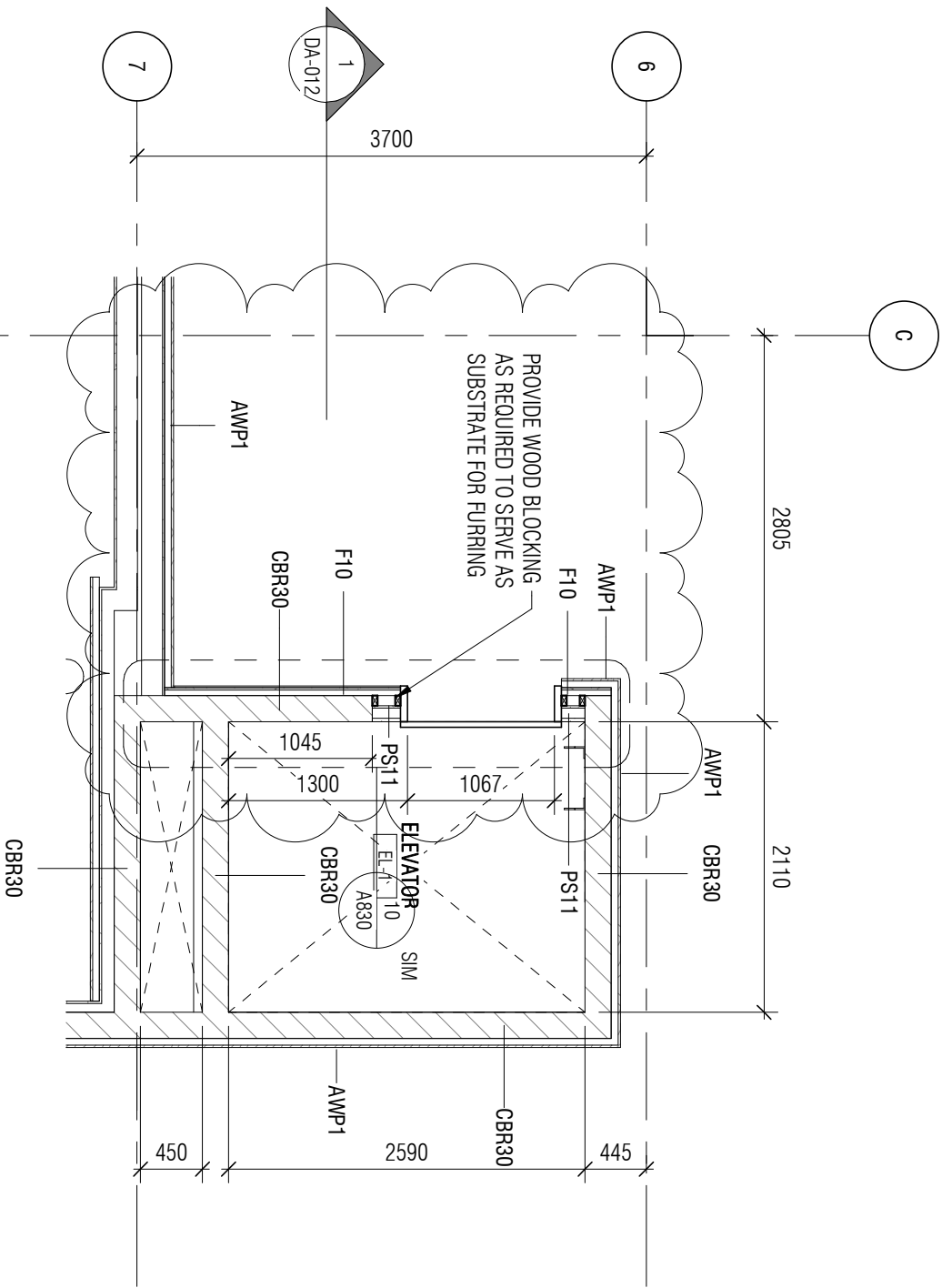
Drawing no. _____ No. du dessin _____



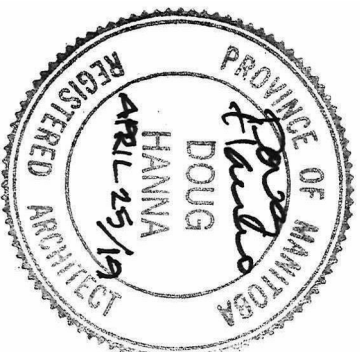
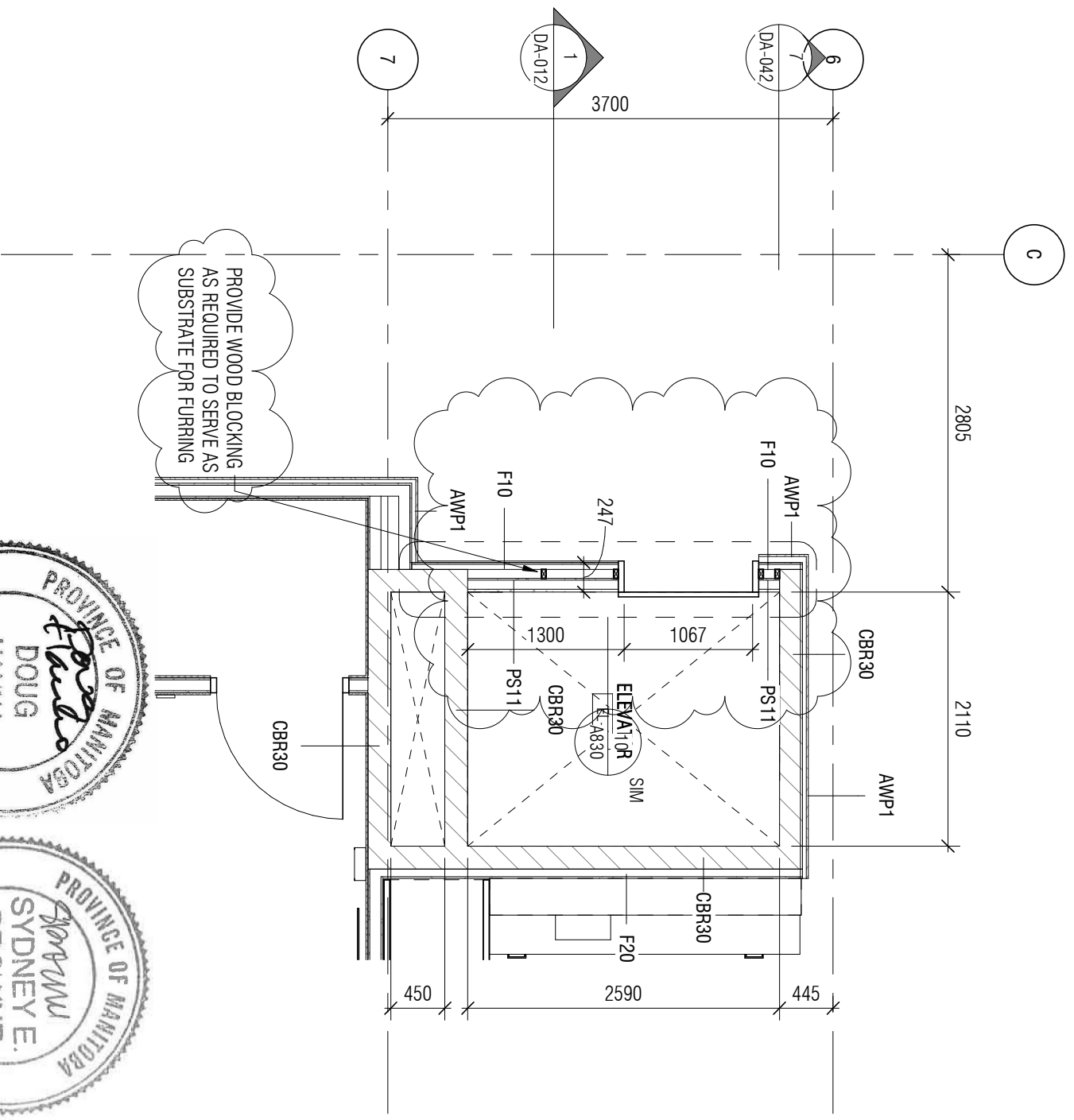



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		Date	2019/04/25	(yyyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	Administrateur de projets			
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				R.076948.001		
				Drawing no.		No. du dessin
				DA-006		

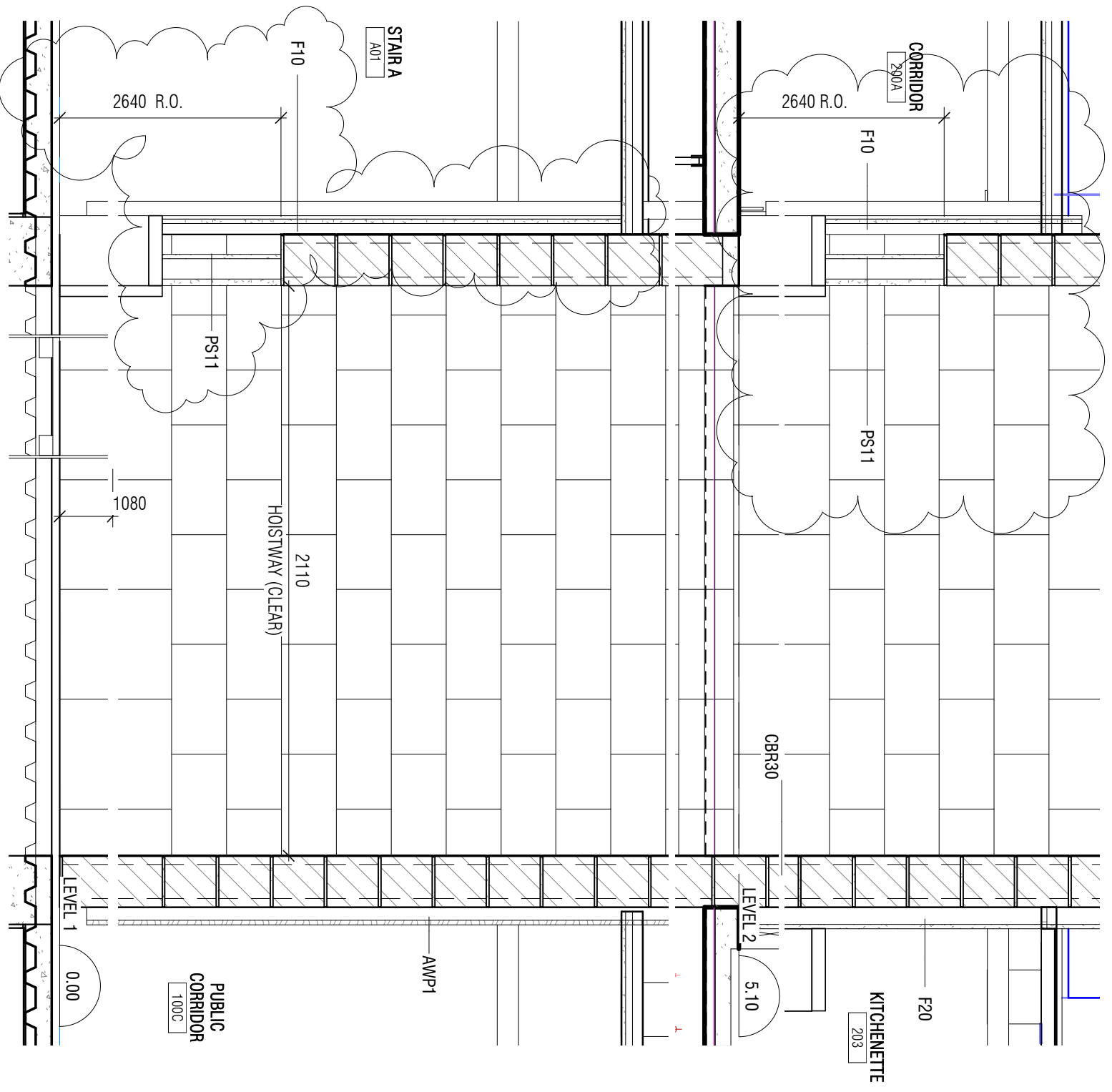
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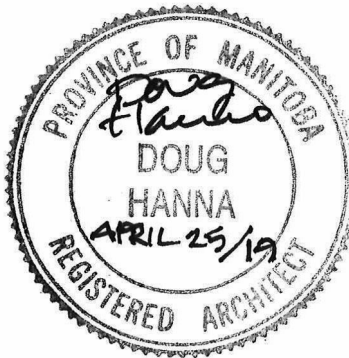
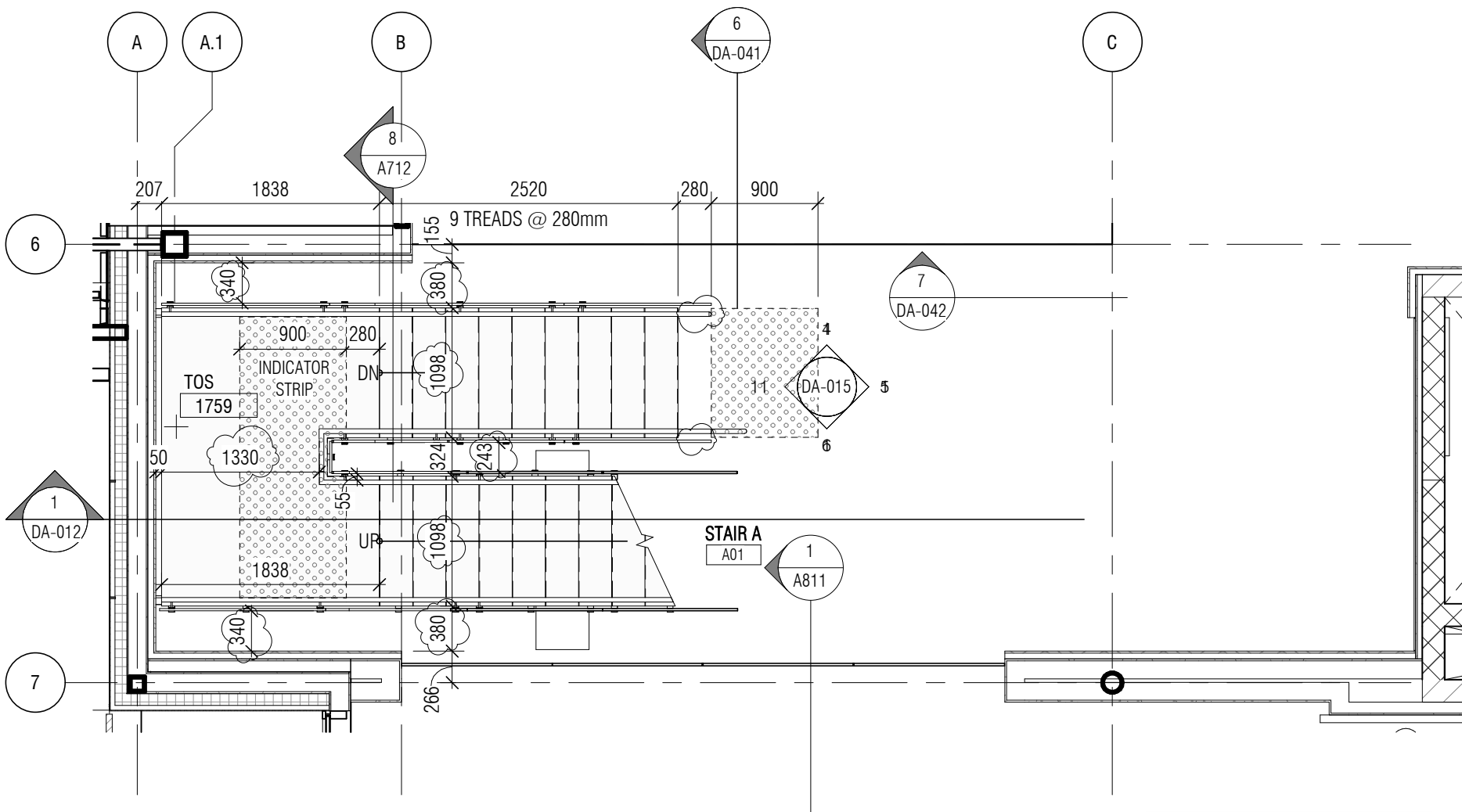
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MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	NRC ADVANCED	Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	TP/CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no.
2/A700 - ELEVATOR PLANS, SECTIONS & DETAILS		Date	2019/04/25	(yyyy/mm/dd)	R.076948.001
		Tender	KEVIN GALLAYS	Soumission	Drawing no.
		Project Manager	KEVIN GALLAYS	Administrateur de projets	DA-008
				Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
				REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest



project	projet	Designed By	MMK/CLC/LAP	Conçu par	<div></div> <div>Public Works and Government Services Canada</div> <div>Travaux publics et services gouvernementaux Canada</div>	
		Date	2019/04/25	(yyyy/mm/dd)		
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		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	<div>Project no.</div> <div>R.076948.001</div> <div>No. du projet</div>	
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		Date	2019/04/25	(yyyy/mm/dd)		
		Tender		Submission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
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project	projet	Designed By	CL/MK/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest
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		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no.	No. du projet
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender		Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets	Drawing no.	No. du dessin
					DA-010	



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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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project
**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing
**1/A701 - STAIR PLANS AND
SECTIONS**

Designed By CL/MK/CL/AP Conçu par

Date 2019/04/25 (yyyy/mm/dd)

Drawn By SC Dessiné par

Date 2019/04/25 (yyyy/mm/dd)

Reviewed By DH/JF Examiné par

Date 2019/04/25 (yyyy/mm/dd)

Approved By DH/JF Approuvé par

Date 2019/04/25 (yyyy/mm/dd)

Tender KEVIN GALLAYS Soumission

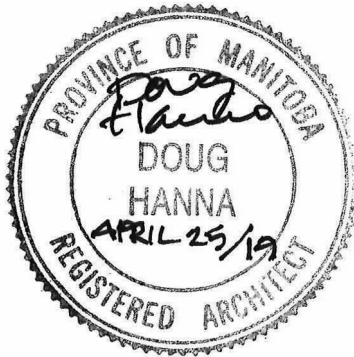
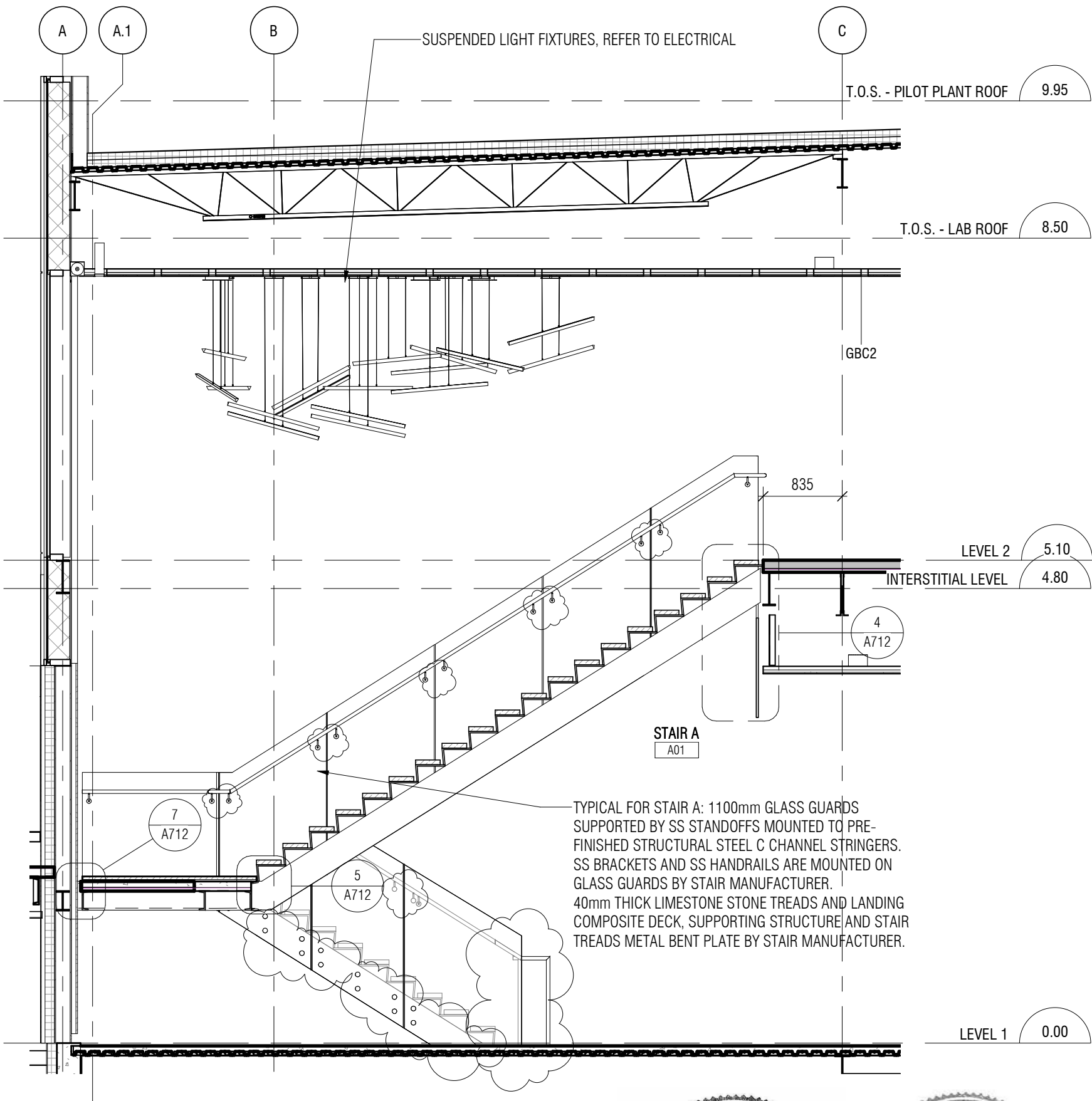
Project Manager Administrateur de projets


Project no. No. du projet

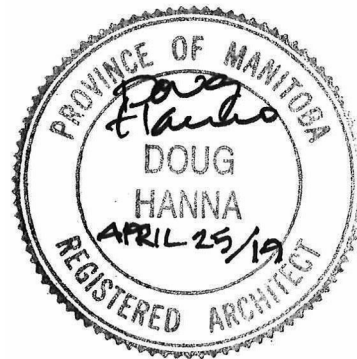
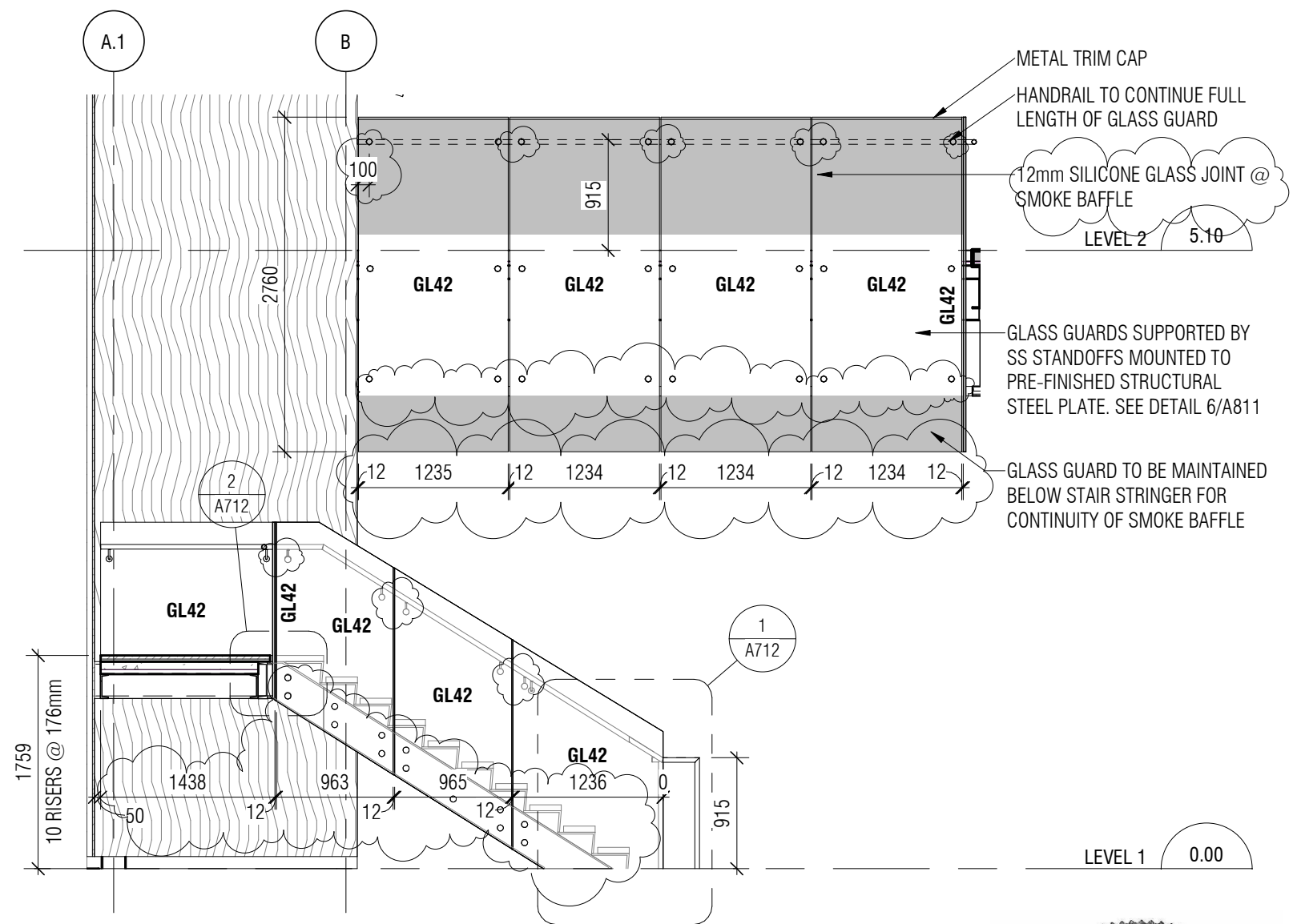
R.076948.001

Drawing no. No. du dessin

DA-011



project	project	NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	Designed By	CL/MK/CL/AP	Conçu par	 <div>Public Works and Government Services Canada</div> <div>REAL PROPERTY SERVICES Western Region</div>	<div>Travaux publics et services gouvernementaux Canada</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>
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			Drawn By	SC	Dessiné par		
			Date	2019/04/25	(yyyy/mm/dd)		
			Reviewed By	DH/JF	Examiné par		
drawing	dessin	3/A701 - STAIR PLANS AND SECTIONS	Date	2019/04/25	(yyyy/mm/dd)	Project no. R.076948.001	No. du projet
			Approved By	DH/JF	Approuvé par		
			Date	2019/04/25	(yyyy/mm/dd)		
			Tender		Soumission		
				KEVIN GALLAYS			
	Project Manager		Administrateur de projets	Drawing no. DA-012	No. du dessin		



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1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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project
**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

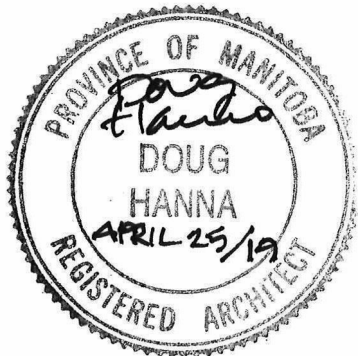
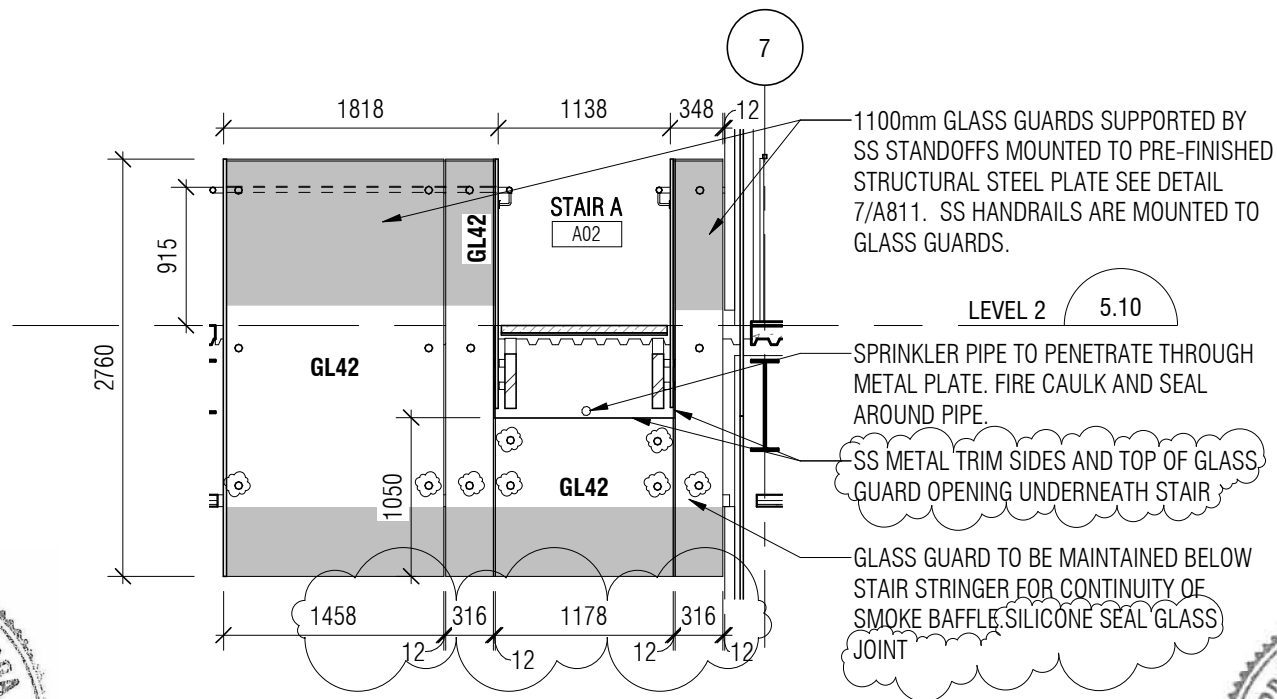
drawing
**4/A701 - STAIR PLANS AND
SECTIONS**

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Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet

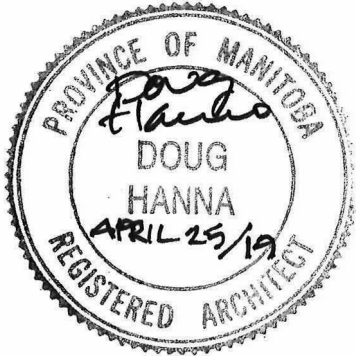
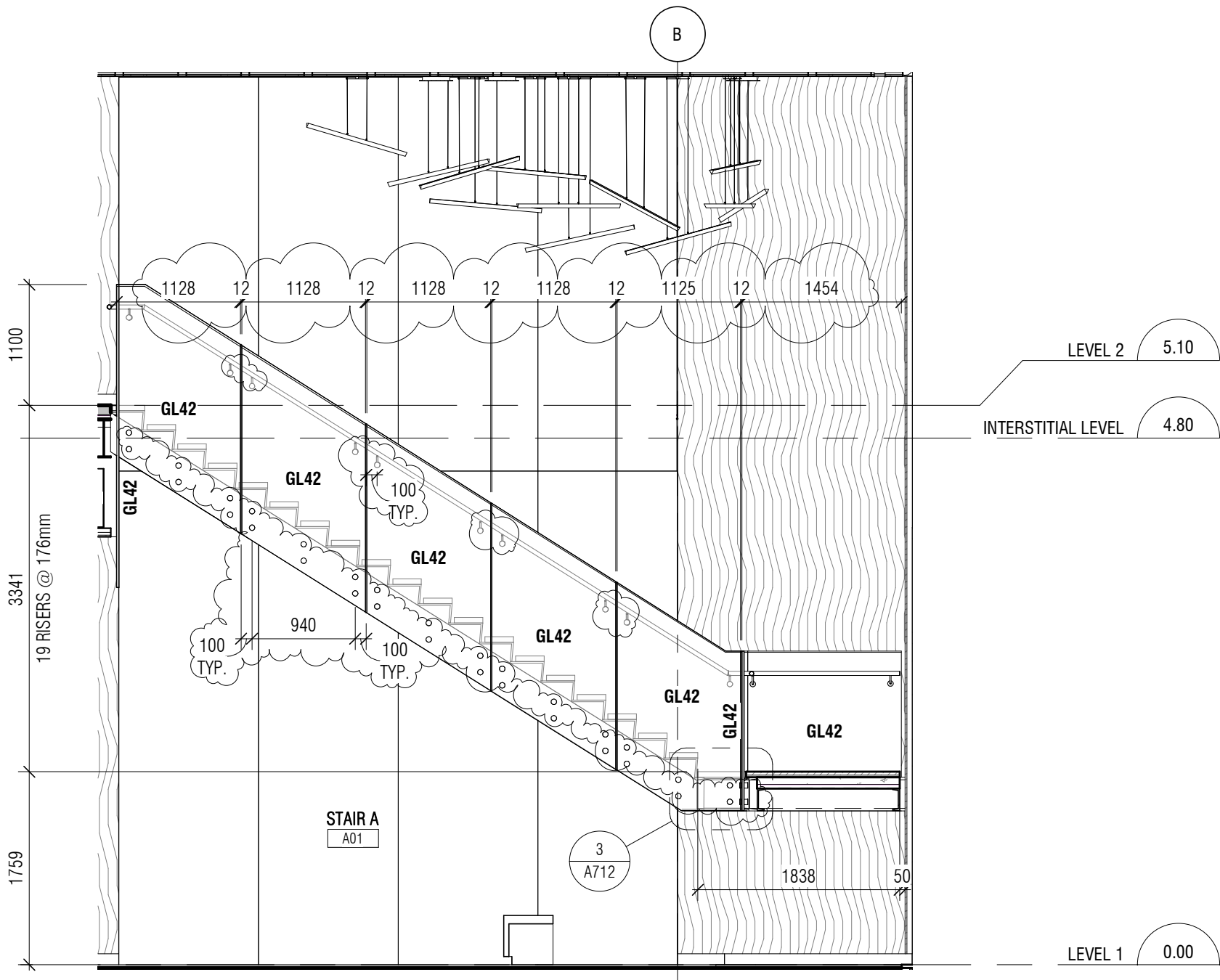
R.076948.001


Drawing no. No. du dessin

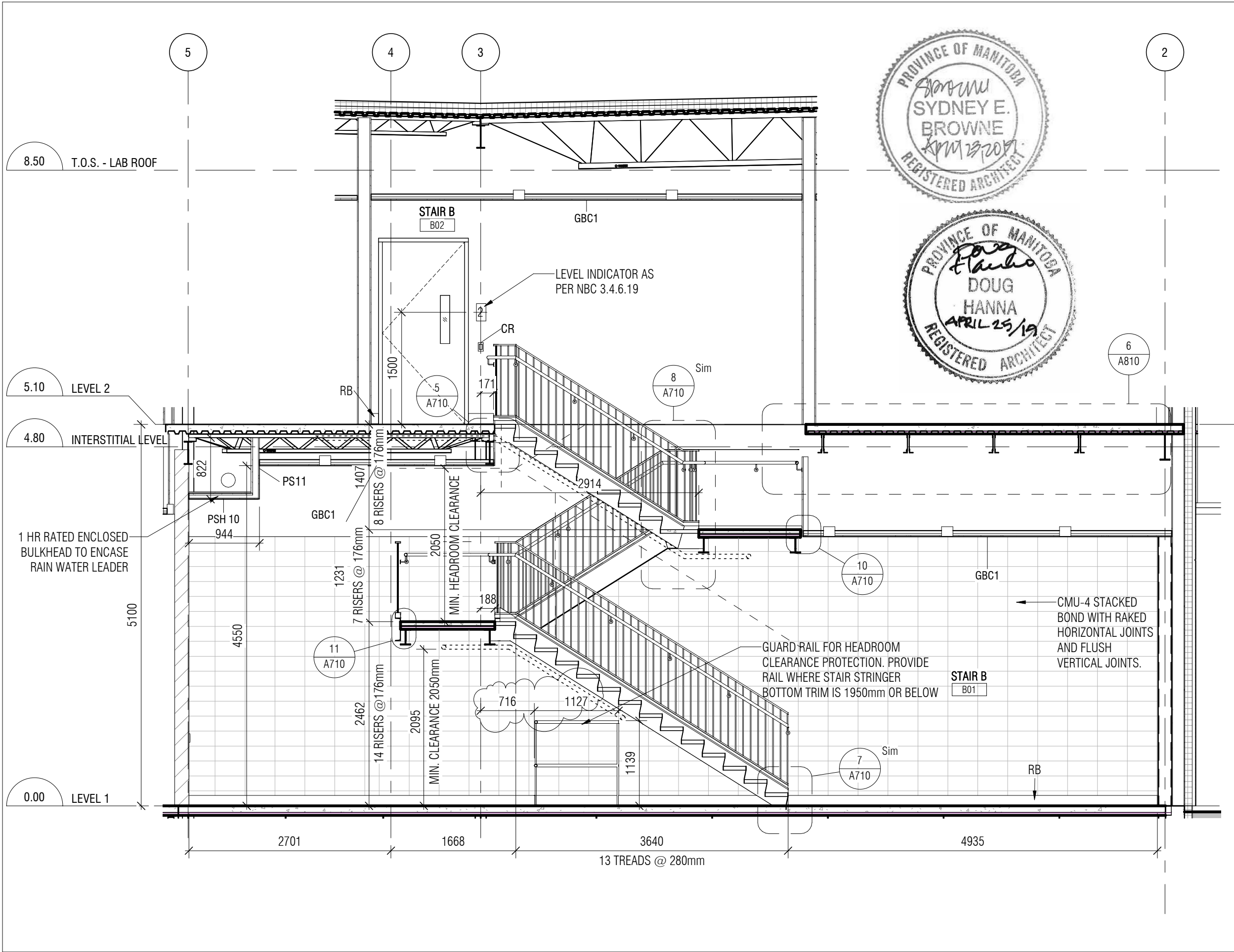
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<p>drawing</p> <p>5/A701 - STAIR PLANS AND SECTIONS</p> <p>dessin</p>	<p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Approved By DH/JF</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Tender KEVIN GALLAYS</p> <p>Project Manager</p>	<p>Project no. No. du projet</p> <p>R.076948.001</p> <p>Drawing no. No. du dessin</p> <p>DA-014</p>



project NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Designed By CL/MK/CL/AP Conçu par	 Public Works and Government Services Canada		Travaux publics et services gouvernementaux Canada
drawing 6/A701 - STAIR PLANS AND SECTIONS		Date 2019/04/25 (yyyy/mm/dd)	Drawn By SC Dessiné par	Date 2019/04/25 (yyyy/mm/dd)	REAL PROPERTY SERVICES Western Region
		Reviewed By DH/JF Examiné par	Date 2019/04/25 (yyyy/mm/dd)	Approved By DH/JF Approuvé par	Project no. R.076948.001 No. du projet
		Tender KEVIN GALLAYS Project Manager	Date 2019/04/25 (yyyy/mm/dd)	Soumission	Drawing no. DA-015 No. du dessin
			Administrateur de projets		



Public Works and Government Services Canada

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SERVICES IMMOBILIERS Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

revisions	description	date
1	ISSUED FOR ADDENDUM NO.1	2019/04/25

A

C

A detail no.
no. du detail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

A

B

C

project

projet

NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG

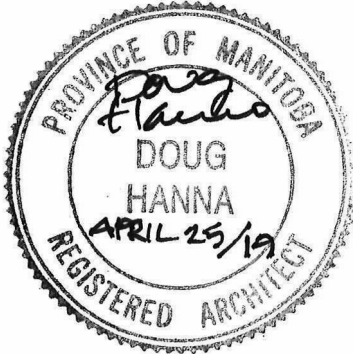
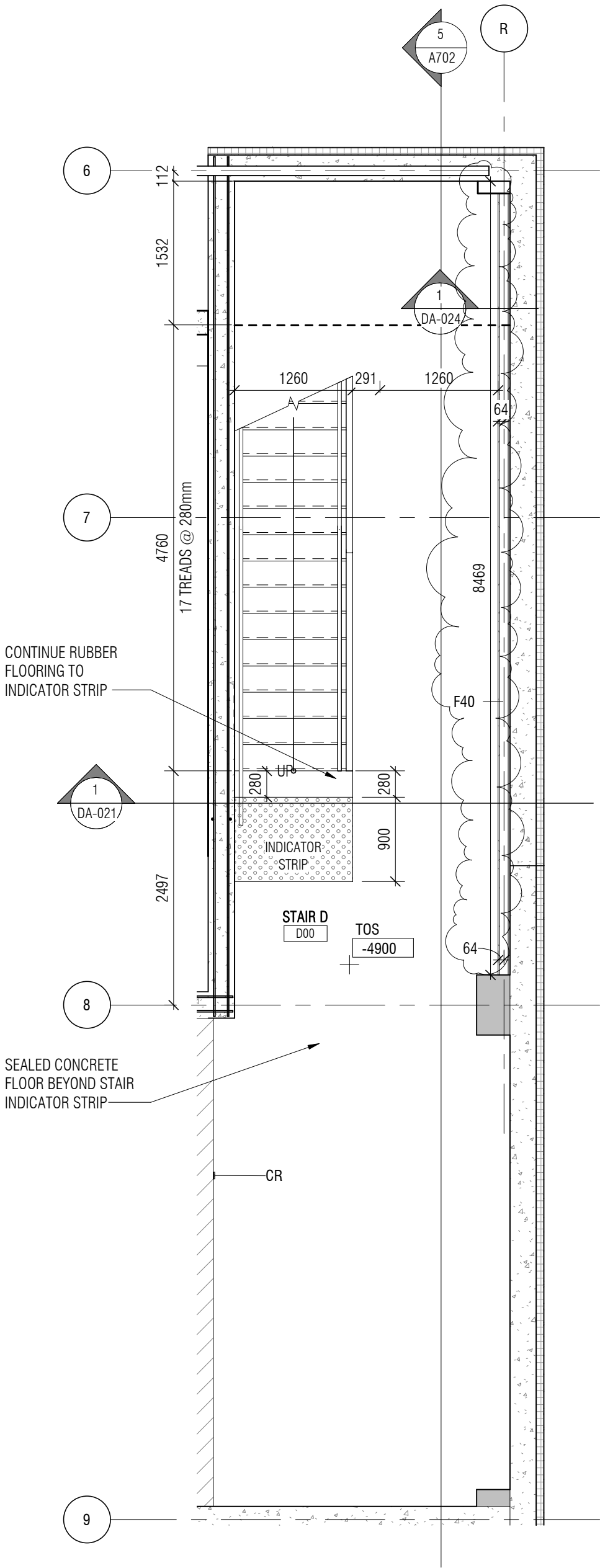
Red Fife Road, Winnipeg, Manitoba


drawing

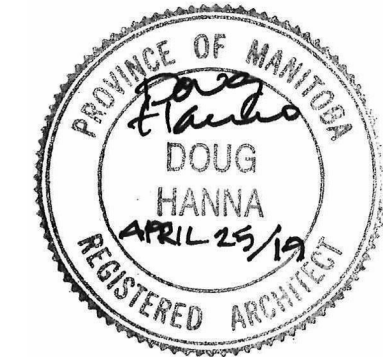
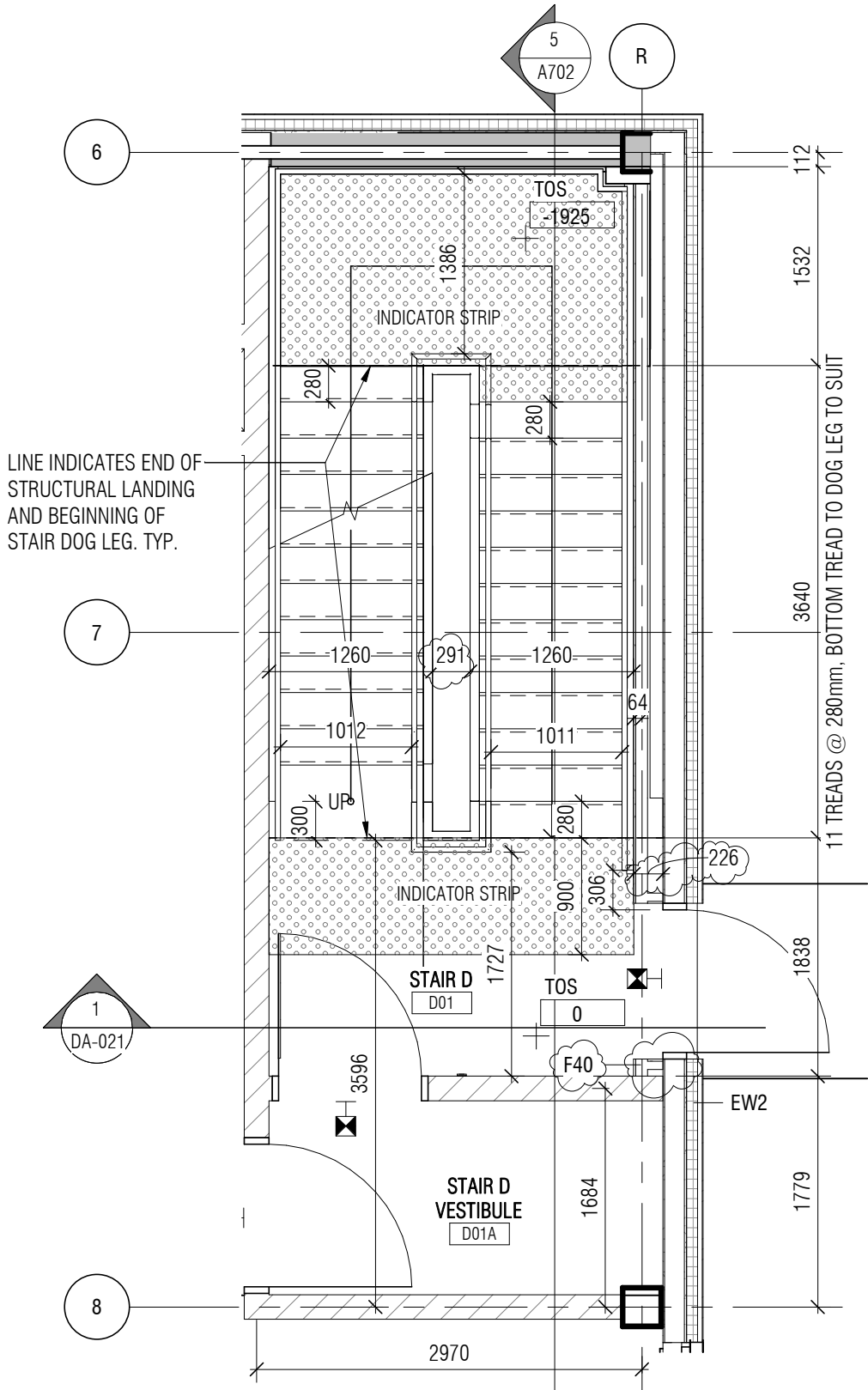
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9/A701 - STAIR PLANS AND SECTIONS

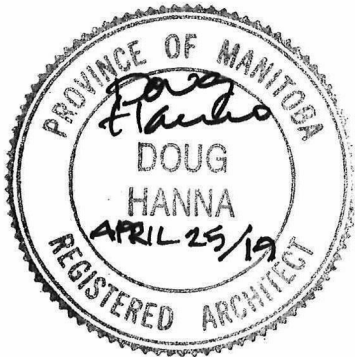
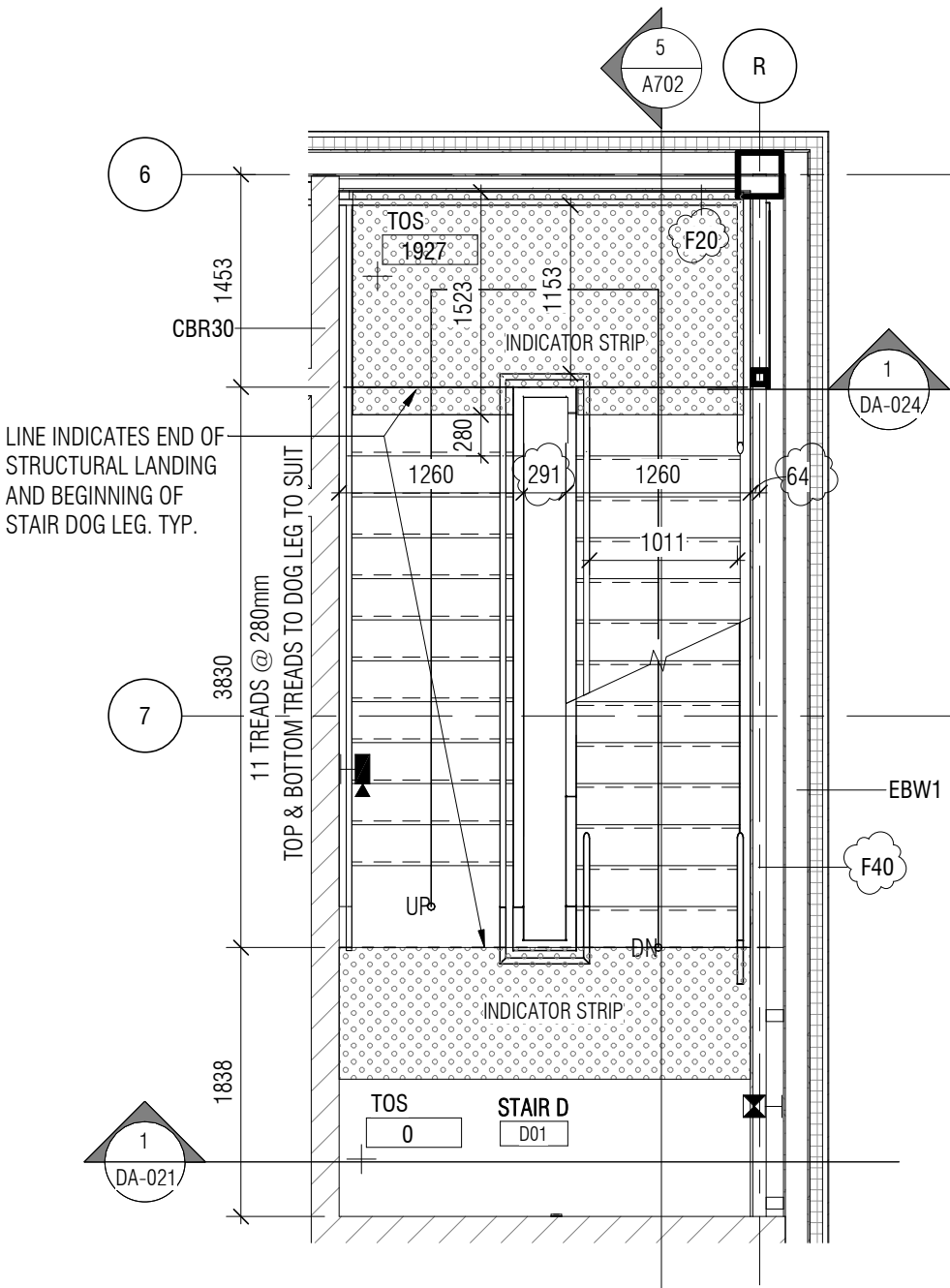
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Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet
	R.076948.001	
Drawing no.		No. du dessin
	DA-016	




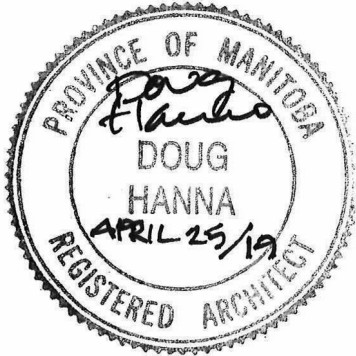
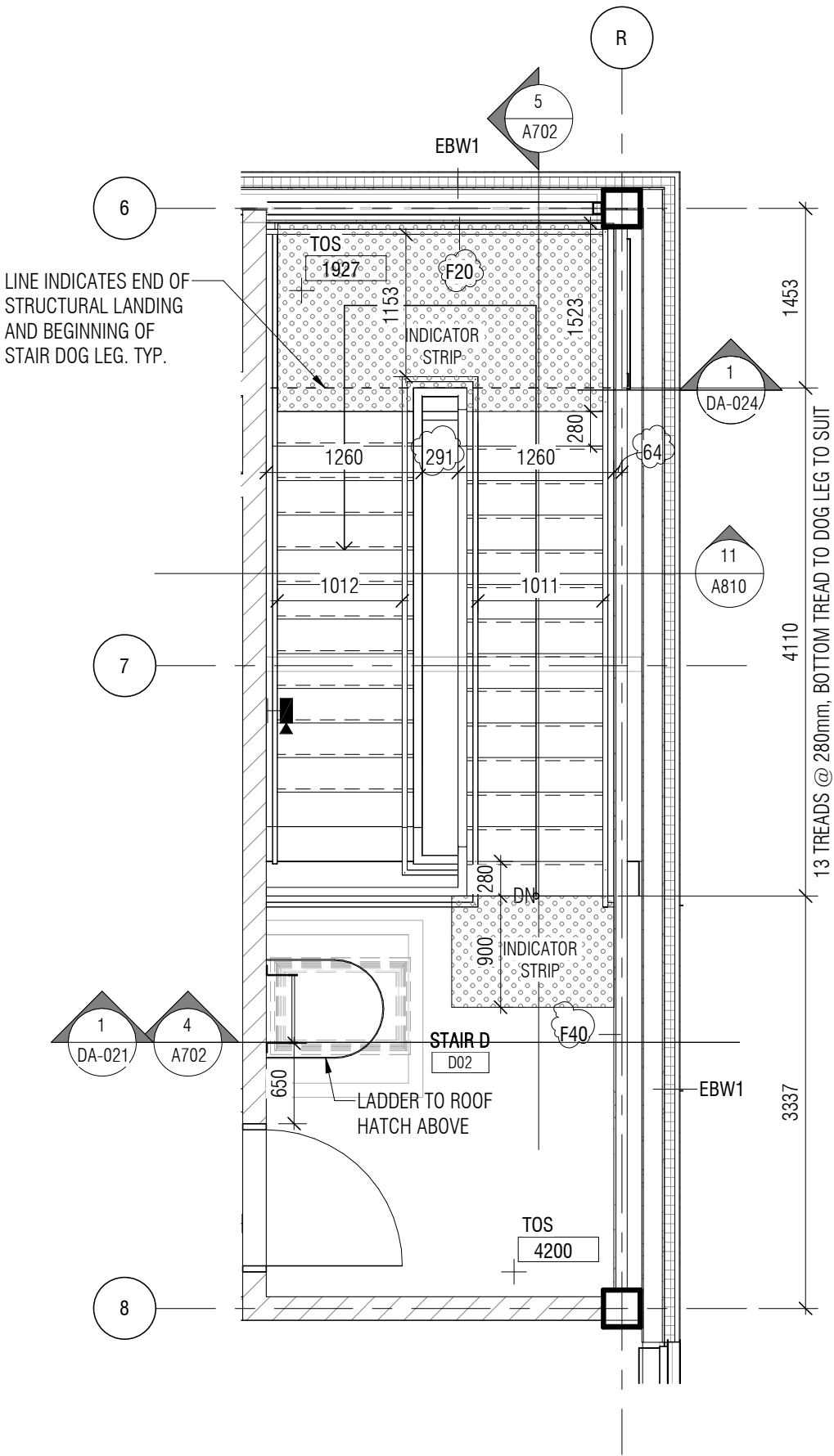
project NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Designed By CL/MK/CL/AP Date 2019/04/25 Drawn By SC Date 2019/04/25 Reviewed By DH/JF	Conçu par (yyyy/mm/dd) Dessiné par (yyyy/mm/dd) Examiné par (yyyy/mm/dd)	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
drawing 1/A702 - STAIR PLANS AND SECTIONS		Date 2019/04/25 Approved By DH/JF Date 2019/04/25 Tender KEVIN GALLAYS Project Manager	(yyyy/mm/dd) Approuvé par (yyyy/mm/dd) Soumission Administrateur de projets	Project no. R.076948.001 Drawing no. DA-017	No. du projet No. du dessin




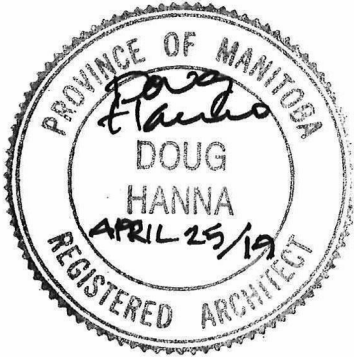
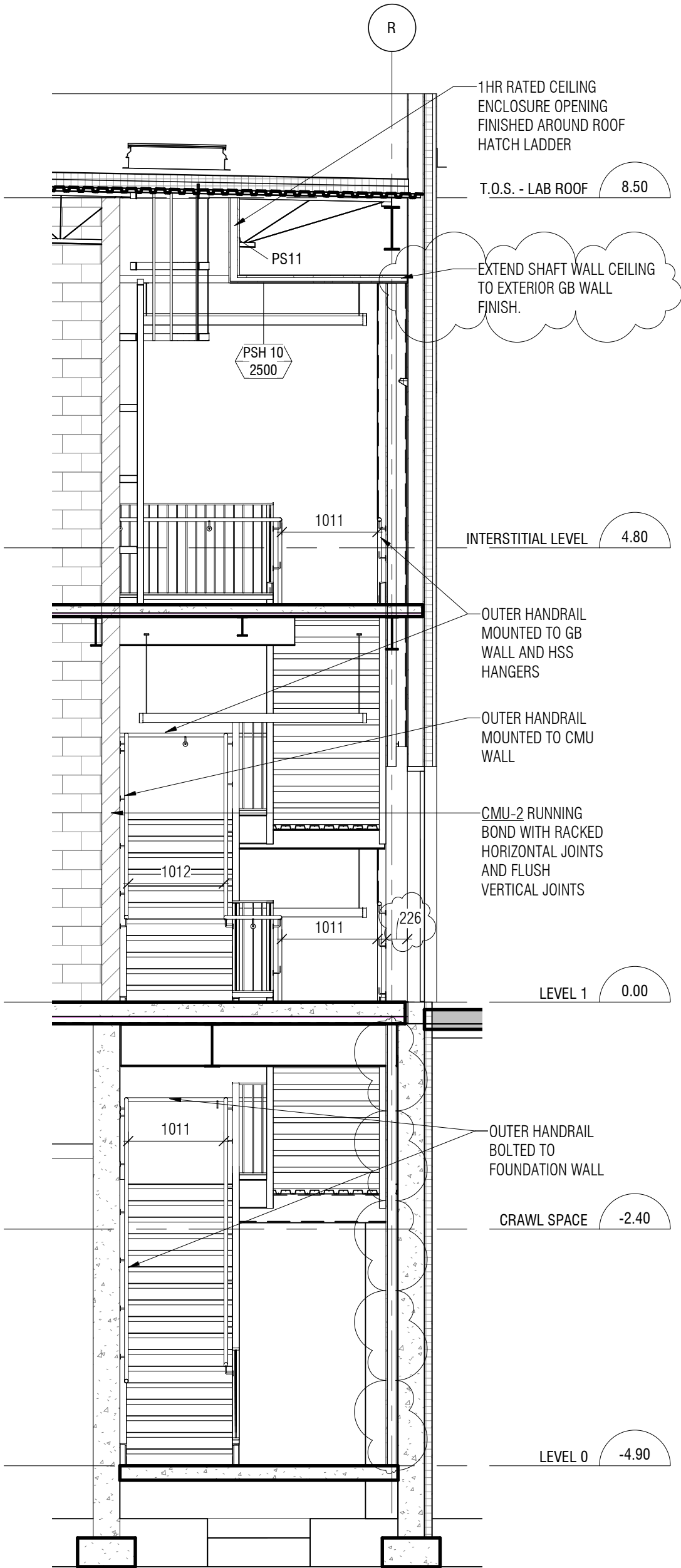
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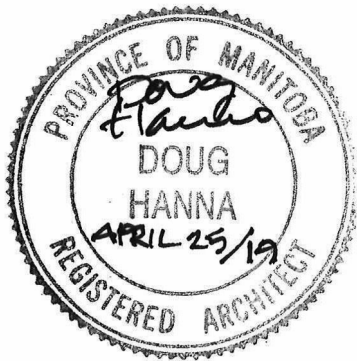
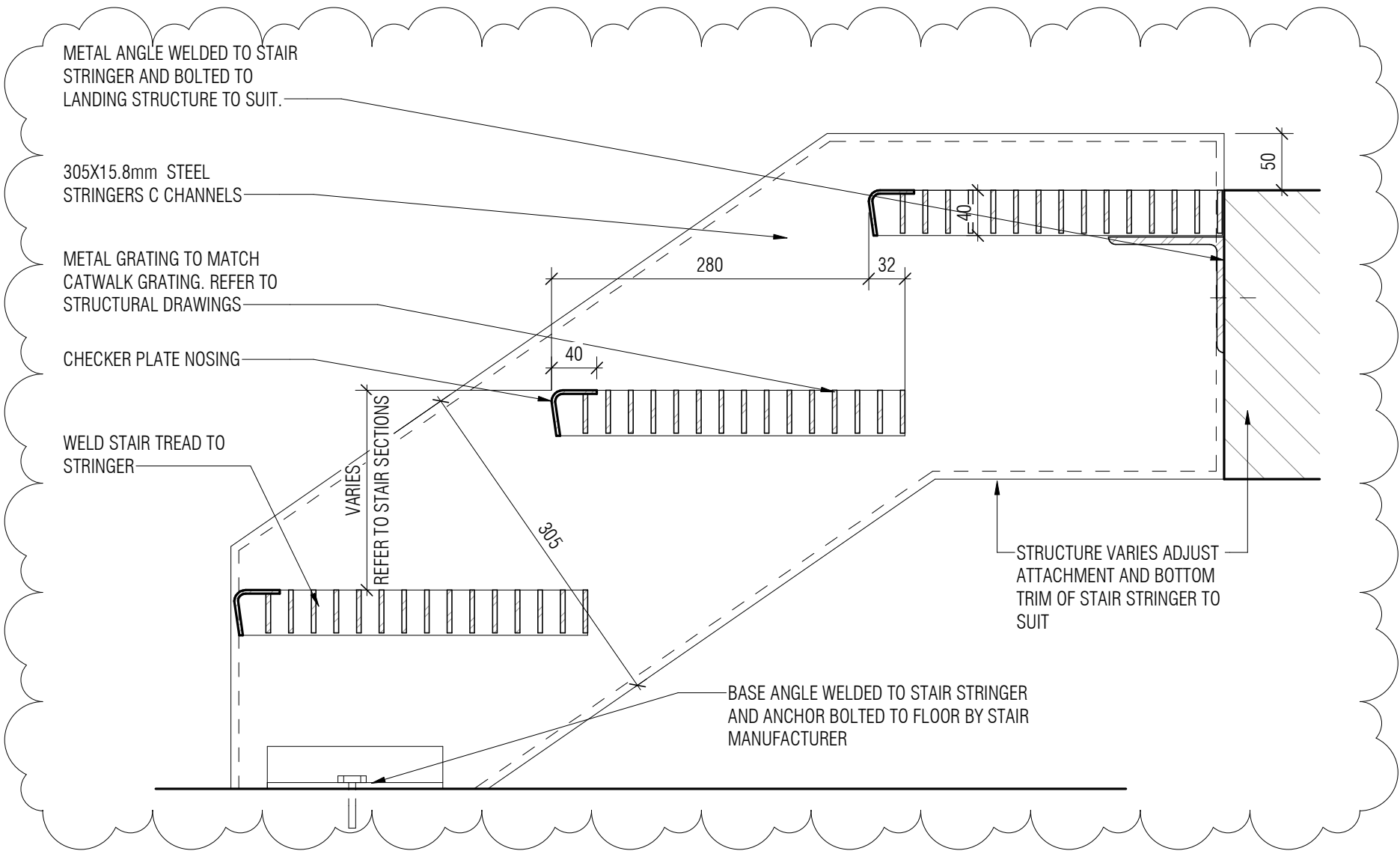
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NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba				Date		2019/04/25		(yyyy/mm/dd)					
				Drawn By		SC		Dessiné par					
				Date		2019/04/25		(yyyy/mm/dd)					
drawing		dessin		Reviewed By		DH/JF		Examiné par		Project no.		No. du projet	
				Date		2019/04/25		(yyyy/mm/dd)					
				Approved By		DH/JF		Approuvé par					
				Date		2019/04/25		(yyyy/mm/dd)					
12/A702 - STAIR PLANS AND SECTIONS				Tender		KEVIN GALLAYS		Soumission		Drawing no.		No. du dessin	
				Project Manager		Administrateur de projets							
												R.076948.001	
												DA-019	



project		project		Designed By		CL/MK/CL/AP		Conçu par		<div><div></div><div>Public Works and Government Services Canada</div></div> <div><div>REAL PROPERTY SERVICES</div><div>Western Region</div></div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>	
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Date		2019/04/25		(yyyy/mm/dd)					
		Drawn By		SC		Dessiné par					
		Date		2019/04/25		(yyyy/mm/dd)					
drawing		dessin		Reviewed By		DH/JF		Examiné par		Project no. <div>R.076948.001</div> No. du projet	
				Date		2019/04/25		(yyyy/mm/dd)			
				Approved By		DH/JF		Approuvé par			
				Date		2019/04/25		(yyyy/mm/dd)			
3/A702 - STAIR PLANS AND SECTIONS				Tender		KEVIN GALLAYS		Soumission		Drawing no. <div>DA-020</div> No. du dessin	
				Project Manager		Administrateur de projets					



project <div>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</div>	projet	Designed By	CL/MK/CL/AP	Conçu par	<div> Public Works and Government Services Canada</div> <div>REAL PROPERTY SERVICES Western Region</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>	
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drawing <div>4/A702 - STAIR PLANS AND SECTIONS</div>	dessin	Reviewed By	DH/JF	Examiné par		
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		Project Manager	KEVIN GALLAYS	Administrateur de projets	DA-021	



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1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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A
C

A detail no.
no. du detail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

A
B
C

project

**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**

Red Fife Road, Winnipeg, Manitoba

projet

drawing

**17/A703 - STAIR F,
LADDERS & CATWALK
DETAILS**

dessin

Designed By CL/MK/CL/AP Conçu par

Date 2019/04/25 (yyyy/mm/dd)

Drawn By SC Dessiné par

Date 2019/04/25 (yyyy/mm/dd)

Reviewed By DH/JF Examiné par

Date 2019/04/25 (yyyy/mm/dd)

Approved By DH/JF Approuvé par

Date 2019/04/25 (yyyy/mm/dd)

Tender KEVIN GALLAYS Soumission

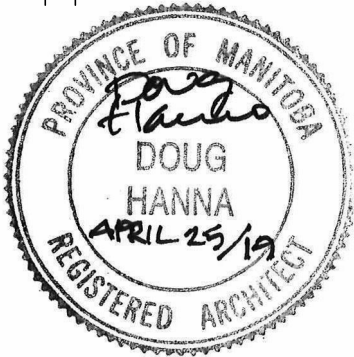
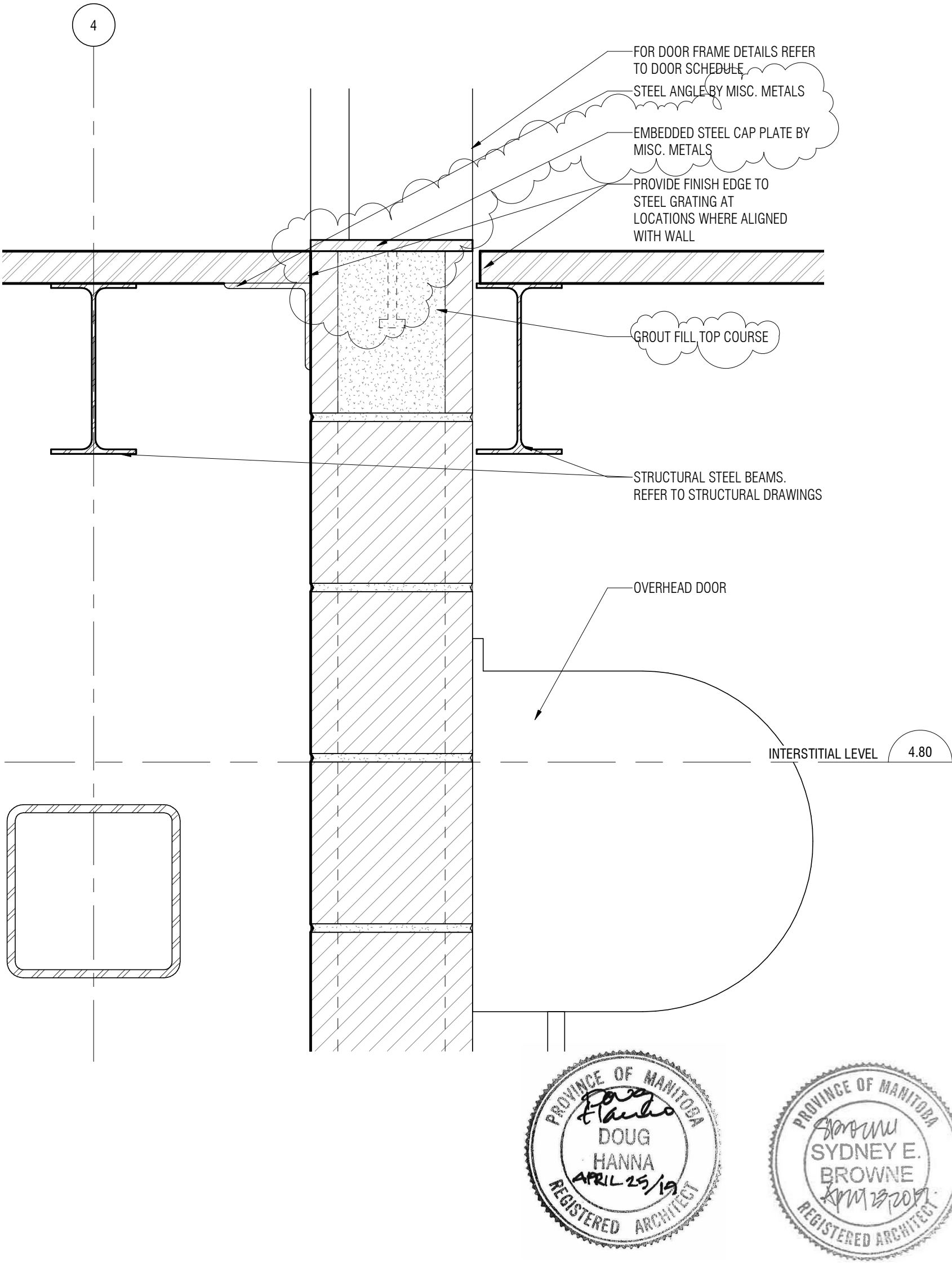
Project Manager Administrateur de projets


Project no. No. du projet

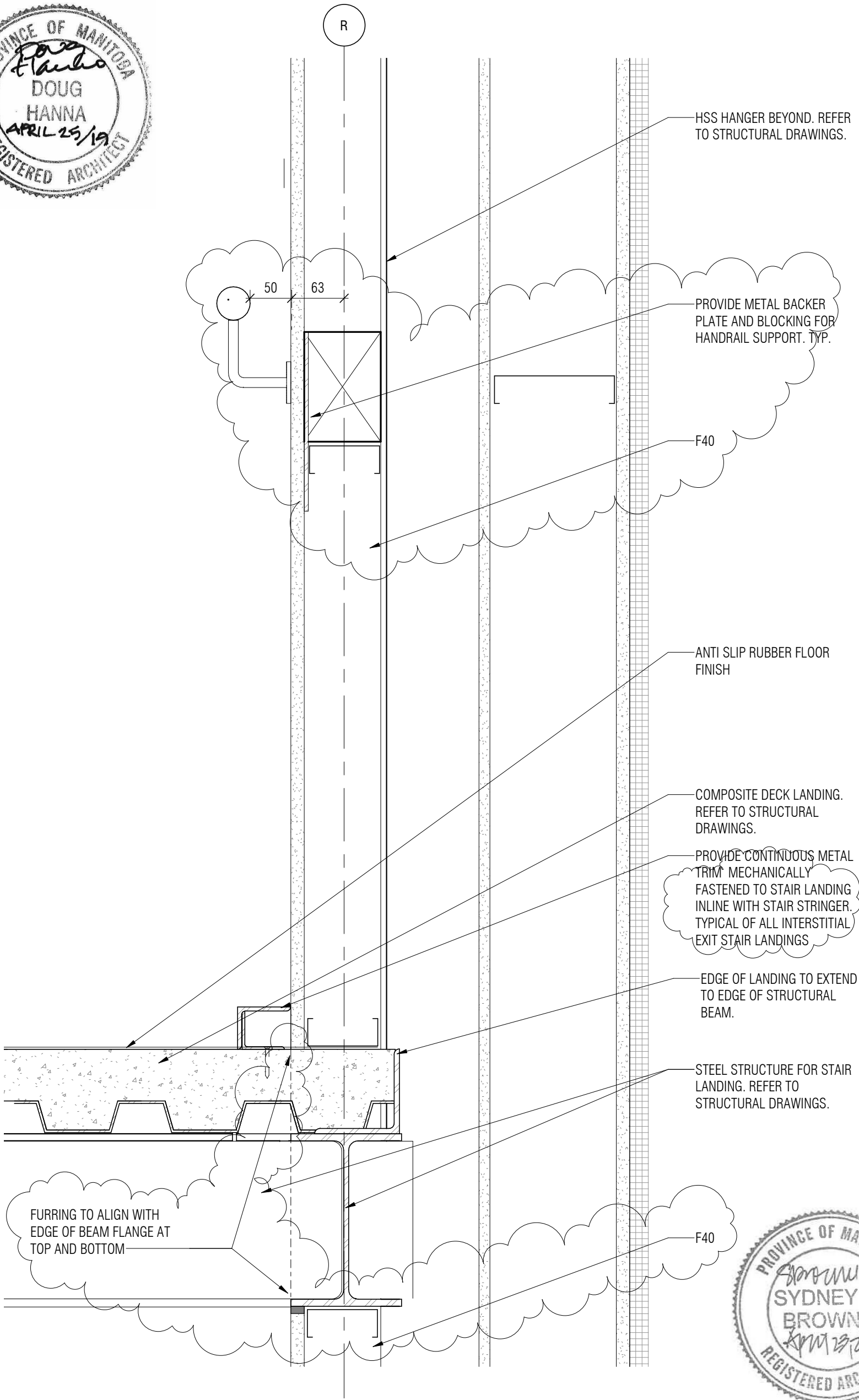
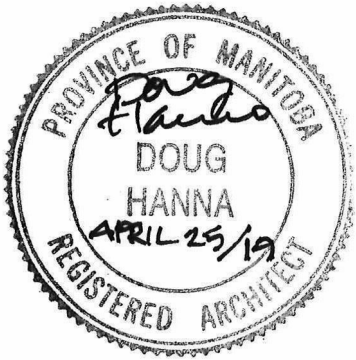
R.076948.001


Drawing no. No. du dessin

DA-022



project		projet		Designed By		CL/MK/CL/AP		Conçu par		<div>Public Works and Government Services Canada</div> <div>Travaux publics et services gouvernementaux Canada</div> <div>REAL PROPERTY SERVICES Western Region</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>			
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Date		2019/04/25		(yyyy/mm/dd)							
		Drawn By		SC		Dessiné par							
		Date		2019/04/25		(yyyy/mm/dd)							
drawing		dessin		Reviewed By		DH/JF		Examiné par		Project no.		No. du projet	
				Date		2019/04/25		(yyyy/mm/dd)					
				Approved By		DH/JF		Approuvé par					
				Date		2019/04/25		(yyyy/mm/dd)					
13/A703 - STAIR F, LADDERS & CATWALK DETAILS				Tender		KEVIN GALLAYS		Soumission		Drawing no.		No. du dessin	
				Project Manager		Administrateur de projets							
												R.076948.001	
												DA-023	



project	projet	NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	Designed By	CL/MK/CL/AP	Conçu par		Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
			Date	2019/04/25	(yyyy/mm/dd)			
			Drawn By	SC	Dessiné par			
			Date	2019/04/25	(yyyy/mm/dd)			
			Reviewed By	DH/JF	Examiné par			
drawing	dessin	1/A711 - STAIR DETAILS - STAIRS B, C, D & E	Date	2019/04/25	(yyyy/mm/dd)	Project no.	No. du projet	
			Approved By	DH/JF	Approuvé par			
			Date	2019/04/25	(yyyy/mm/dd)			
			Tender		Soumission			
			Project Manager	KEVIN GALLAYS	Administrateur de projets			



Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B
	C drawing no. dessin no.	C

project project

**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing dessin

**10, 11, 12 & 13/A711 -
STAIR DETAILS - STAIR B,
C, D & E**

Designed By MK/CL/CL/AP Conçu par

Date 2019/04/25 (yyyy/mm/dd)

Drawn By CL Dessiné par

Date 2019/04/25 (yyyy/mm/dd)

Reviewed By DH/JF Examiné par

Date 2019/04/25 (yyyy/mm/dd)

Approved By DH/JF Approuvé par

Date 2019/04/25 (yyyy/mm/dd)

Tender KEVIN GALLAYS Soumission

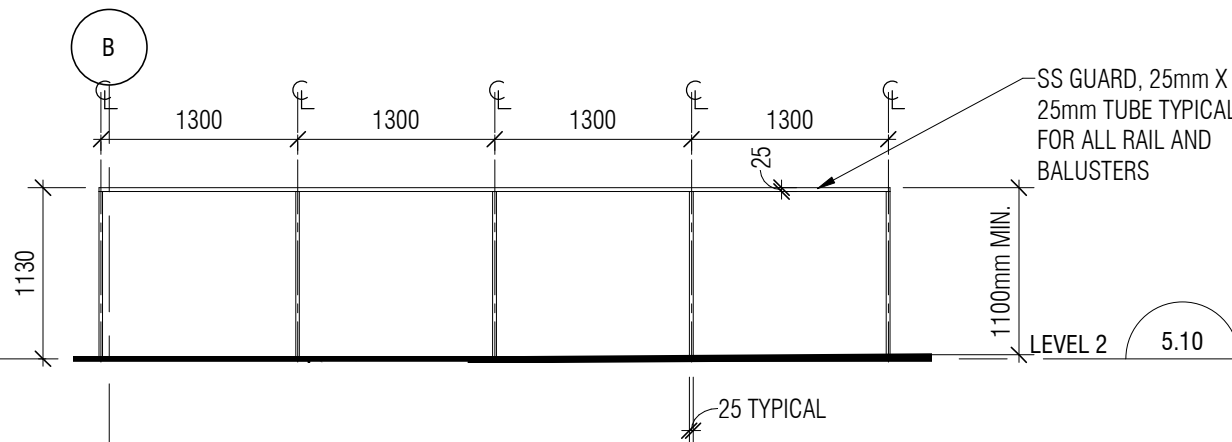
Project Manager Administrateur de projets

Project no. No. du projet

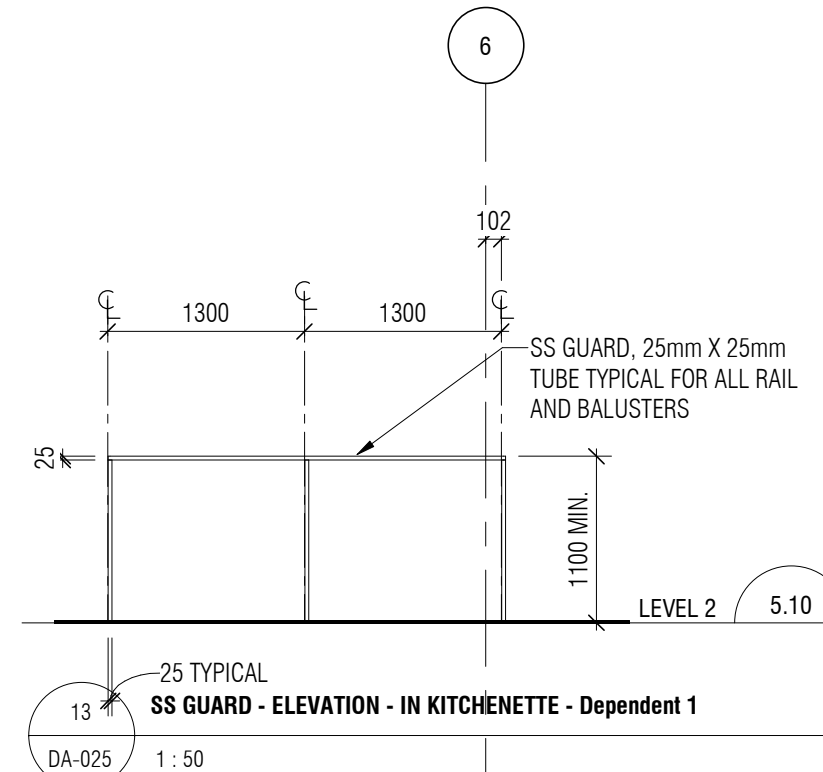
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Drawing no. No. du dessin

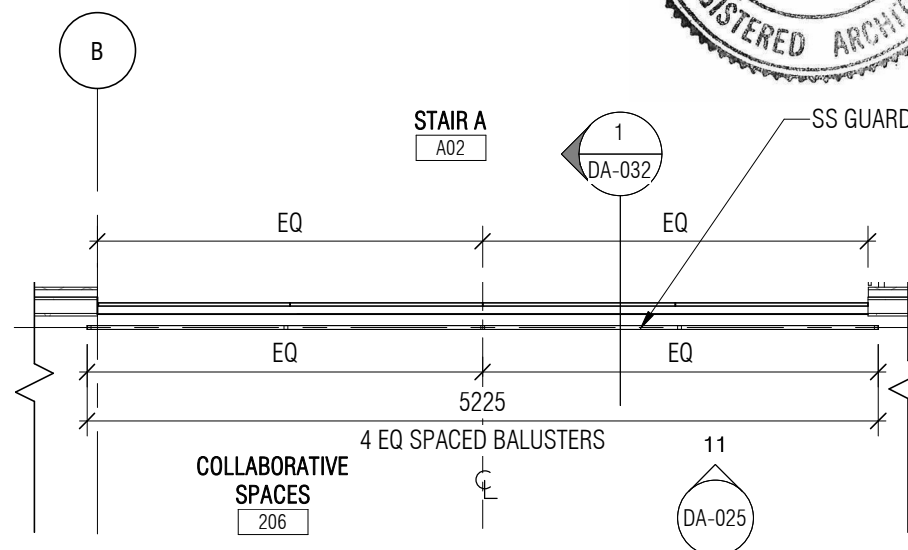
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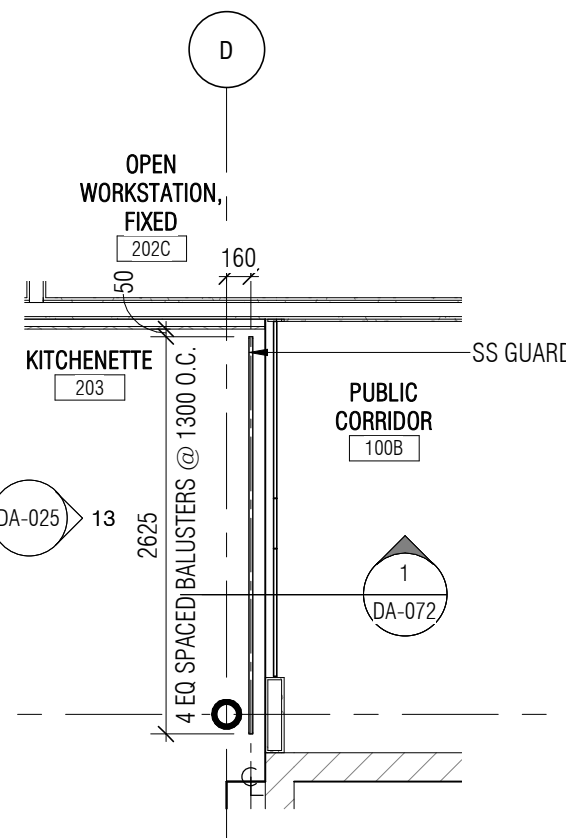
11 SS GUARD - ELEVATION - NEAR G/L 7 & STAIR A - Dependent 1
DA-025 1 : 50



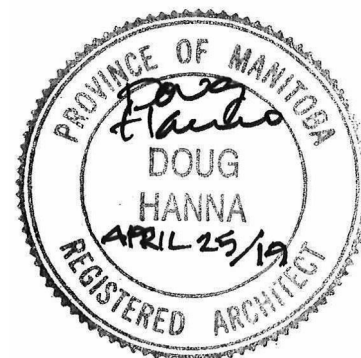
13 SS GUARD - ELEVATION - IN KITCHENETTE - Dependent 1
DA-025 1 : 50

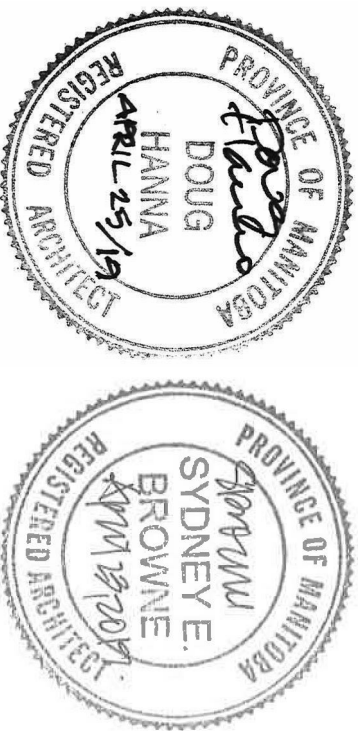
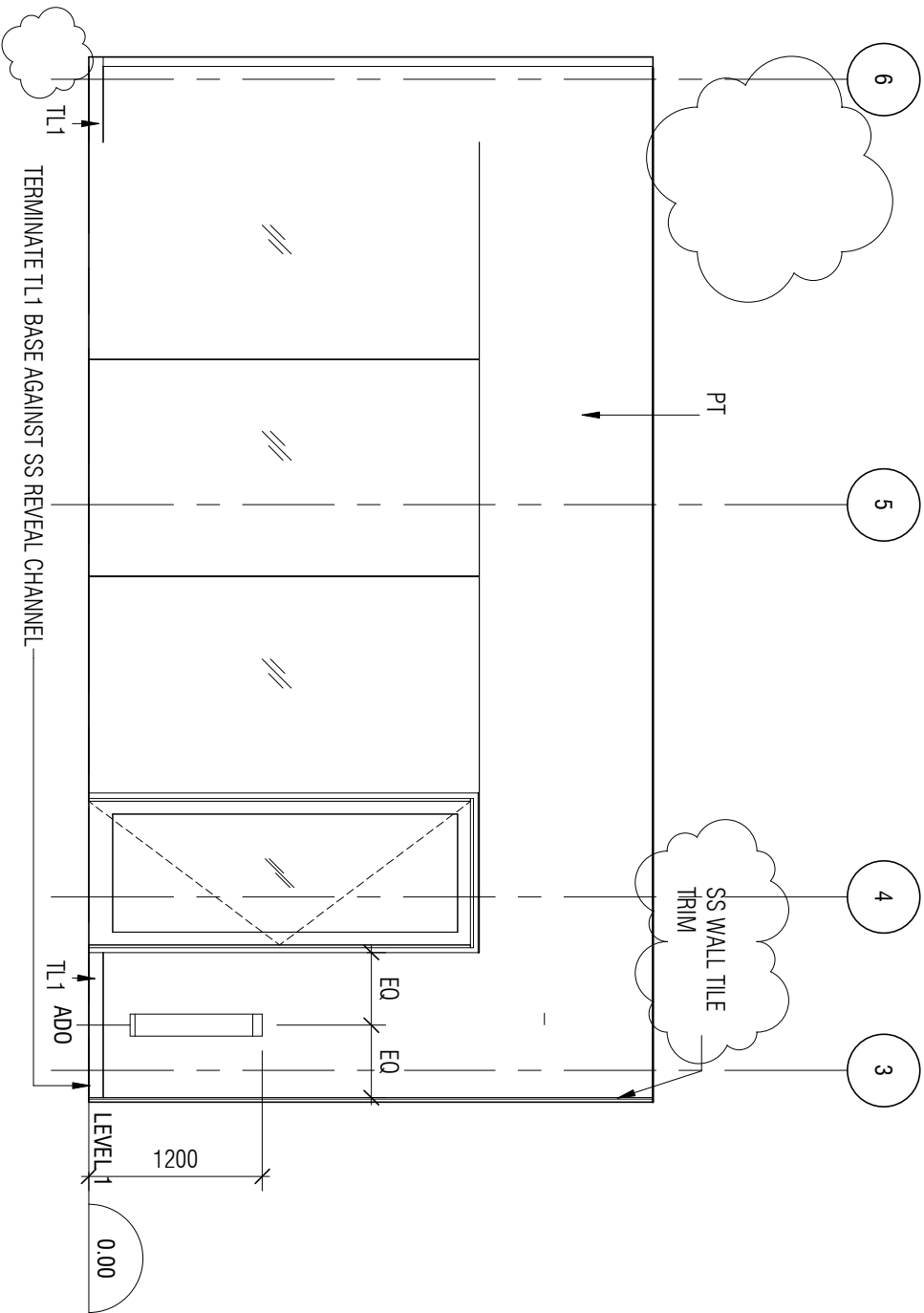


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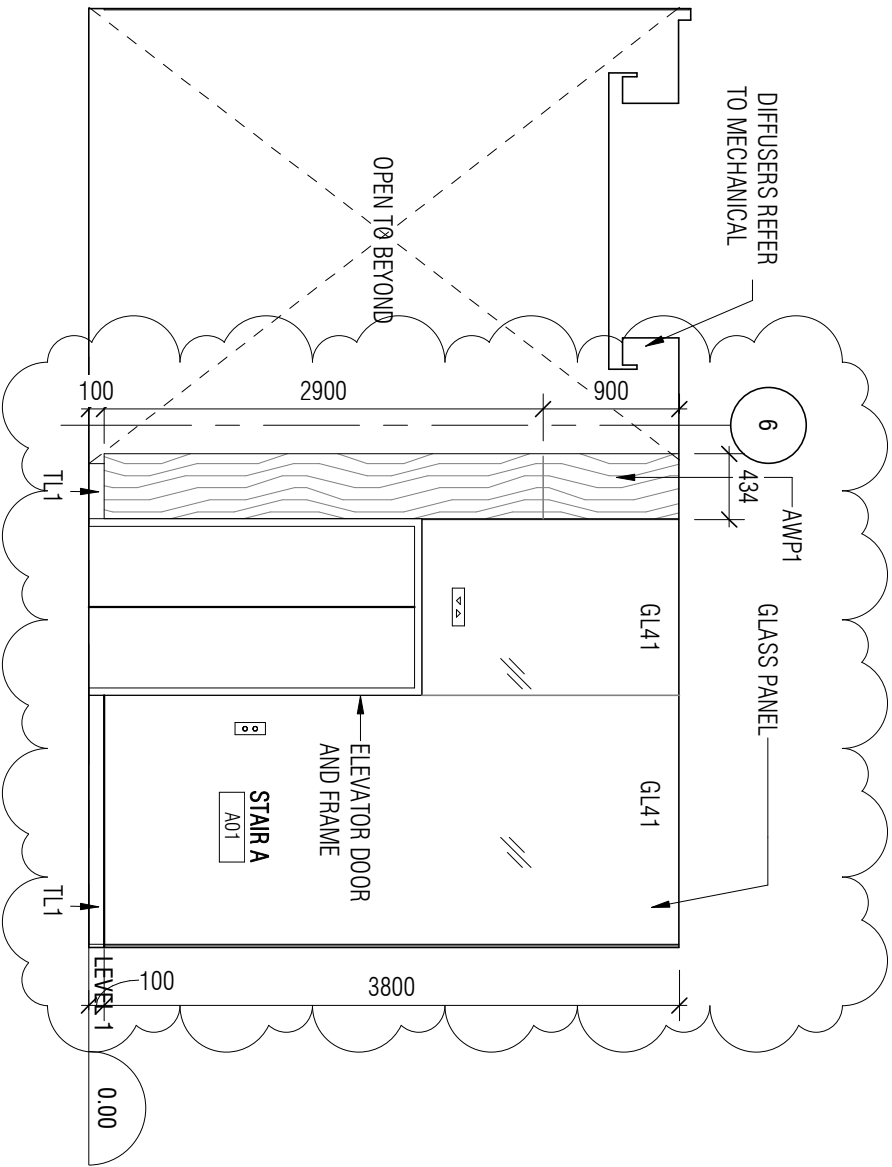


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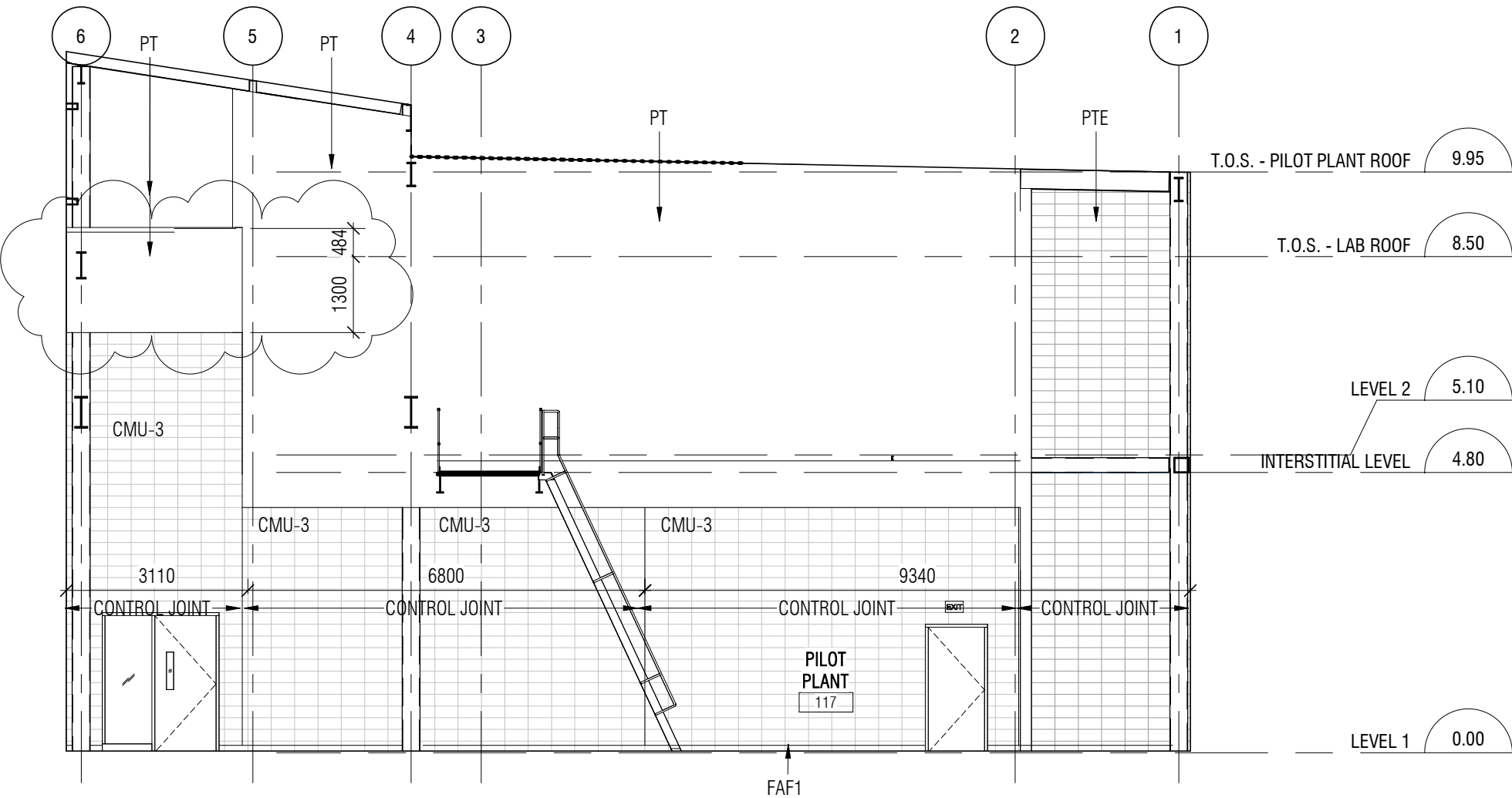




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		Drawn By	TRCL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	KEVIN GALLAYS	Administrateur de projets	
				Project no.	
				R.076948.001	
		Drawing no.		No. du dessin	
		DA-026			



project	projet	Designed By	Conçu par		
MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	TR/CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	
12/A800 - INTERIOR ELEVATIONS		Date	2019/04/25	(yyyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	Administrateur de projets		
				Project no.	No. du projet
				R.076948.001	
				Drawing no.	No. du dessin
				DA-027	



Canada

Public Works and
Government Services
Canada
REAL PROPERTY
SERVICES
Western Region

Travaux publics et
services gouvernementaux
Canada
SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions &
conditions on site and immediately notify
the departmental representative of all
discrepancies.

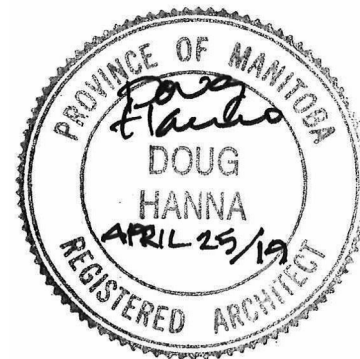
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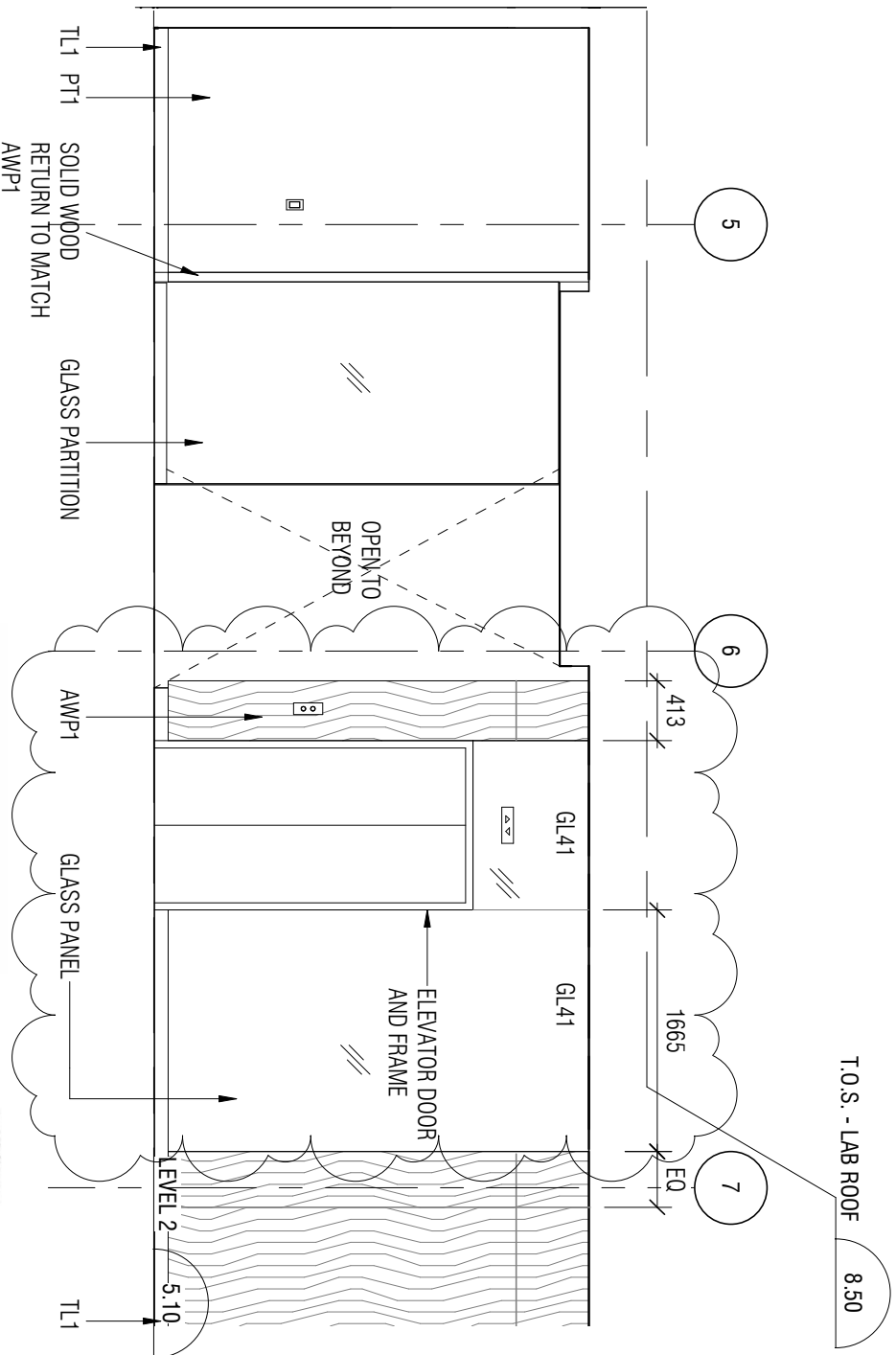
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	C drawing no. dessin no.	

project
NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG
Red Fife Road, Winnipeg, Manitoba

drawing
3/A803 - INTERIOR
ELEVATIONS

Designed By	MK/CL/CL/AP	Conçu par
Date	2019/24/25	(yyyy/mm/dd)
Drawn By	TR/CL	Dessiné par
Date	2019/24/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/24/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/24/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager	Administrateur de projets	
Project no.	No. du projet	
	R.076948.001	
Drawing no.	No. du dessin	
	DA-028	

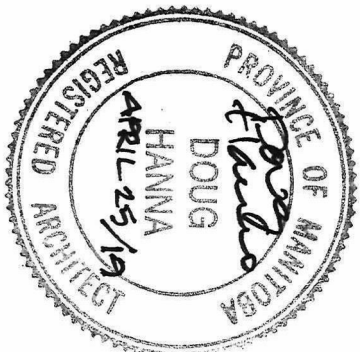
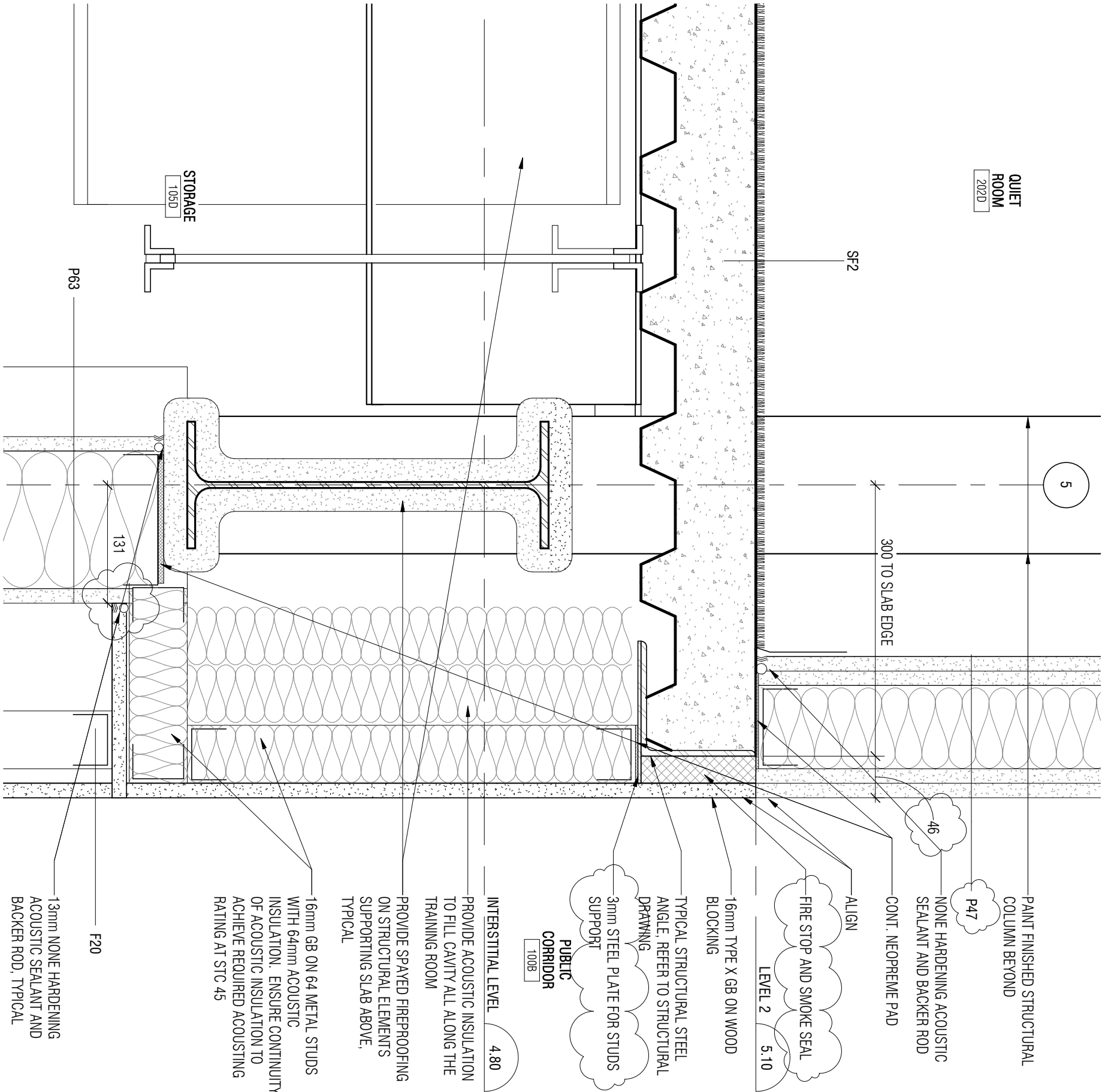





project	projet	Designed By	Conçu par	Project no.	No. du projet
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG		2019/04/25	(yyyy/mm/dd)		
Red Fife Road, Winnipeg, Manitoba		Drawn By TR/CL	Dessiné par		
		2019/04/25	(yyyy/mm/dd)		
		Reviewed By DH/JF	Examiné par		
		2019/04/25	(yyyy/mm/dd)		
		Approved By DH/JF	Approuvé par		
		2019/04/25	(yyyy/mm/dd)		
		Date			
		Tender			
		Project Manager			

Public Works and Government Services Canada	Traux publics et services gouvernementaux Canada
REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

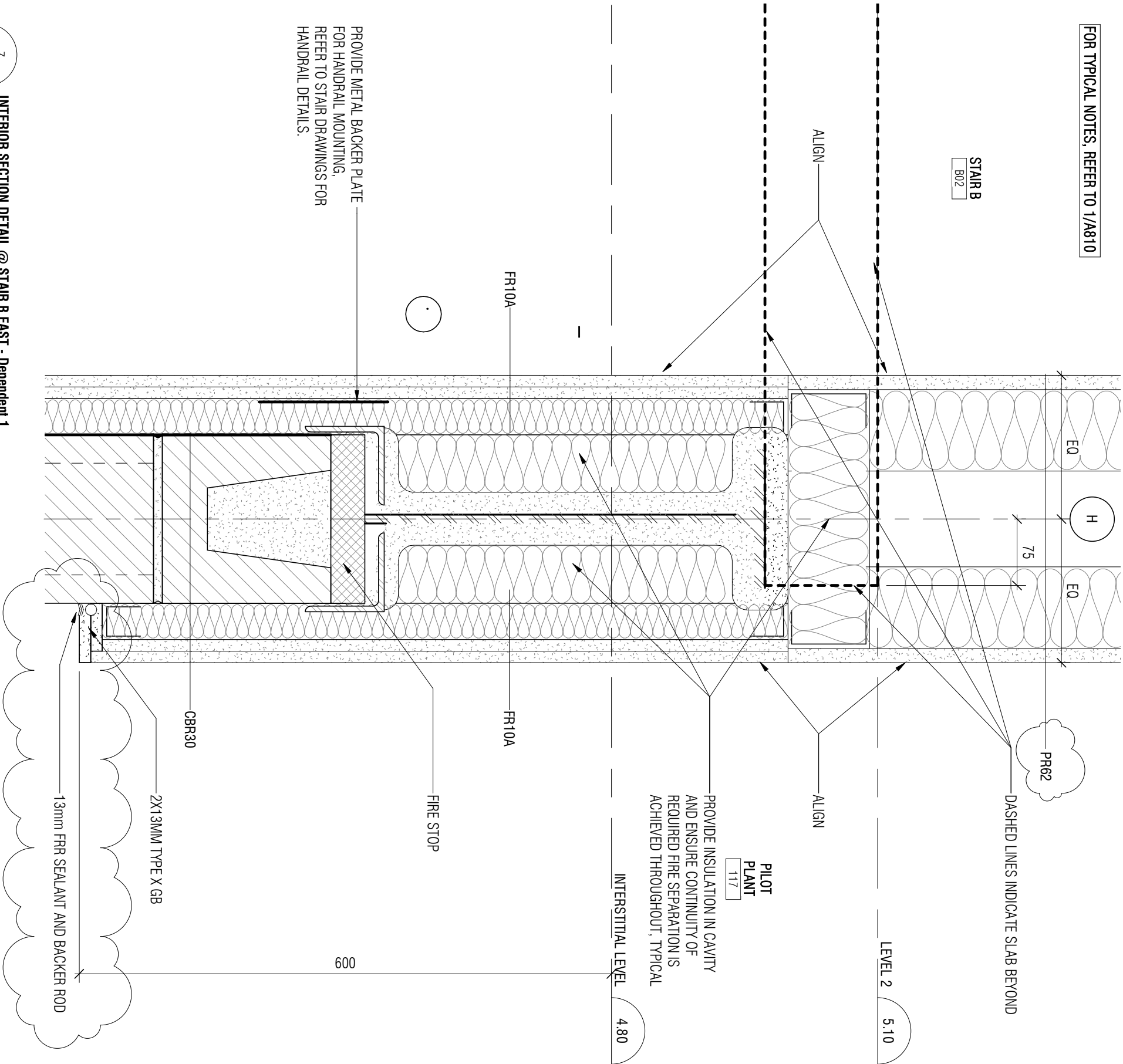
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Drawing no. DA-029	No. du dessin



project	projet	Designed By	MK/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
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		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		

project	projet	1/A810 - INTERIOR SECTION DETAILS
drawing	dessin	

PM/GSC 11X17v (431x279)		
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7

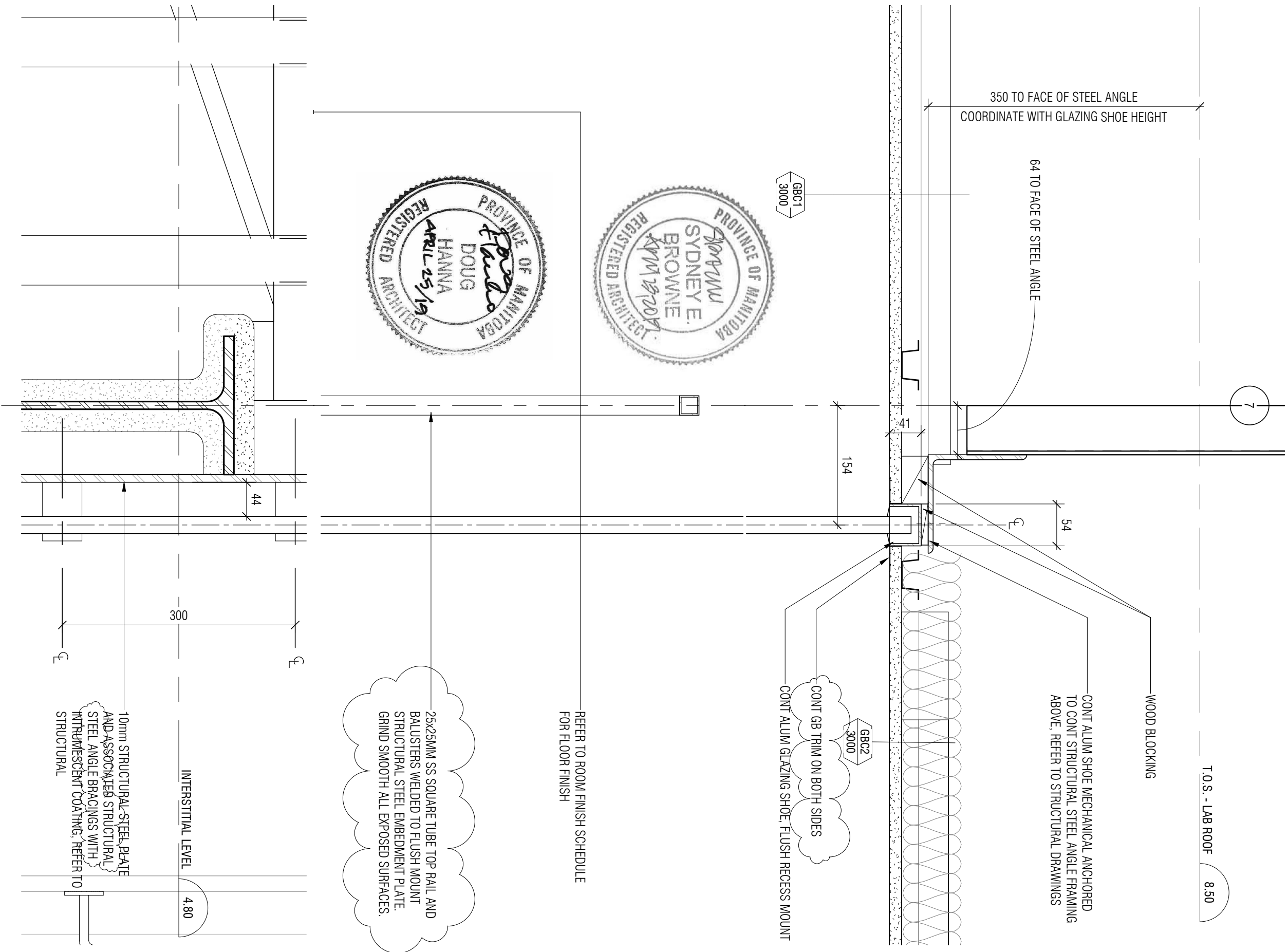
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DA-031

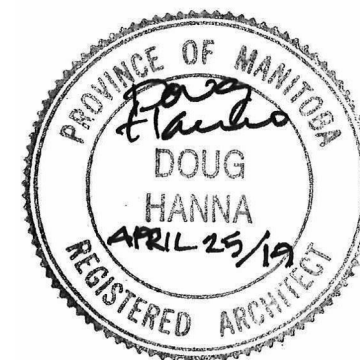
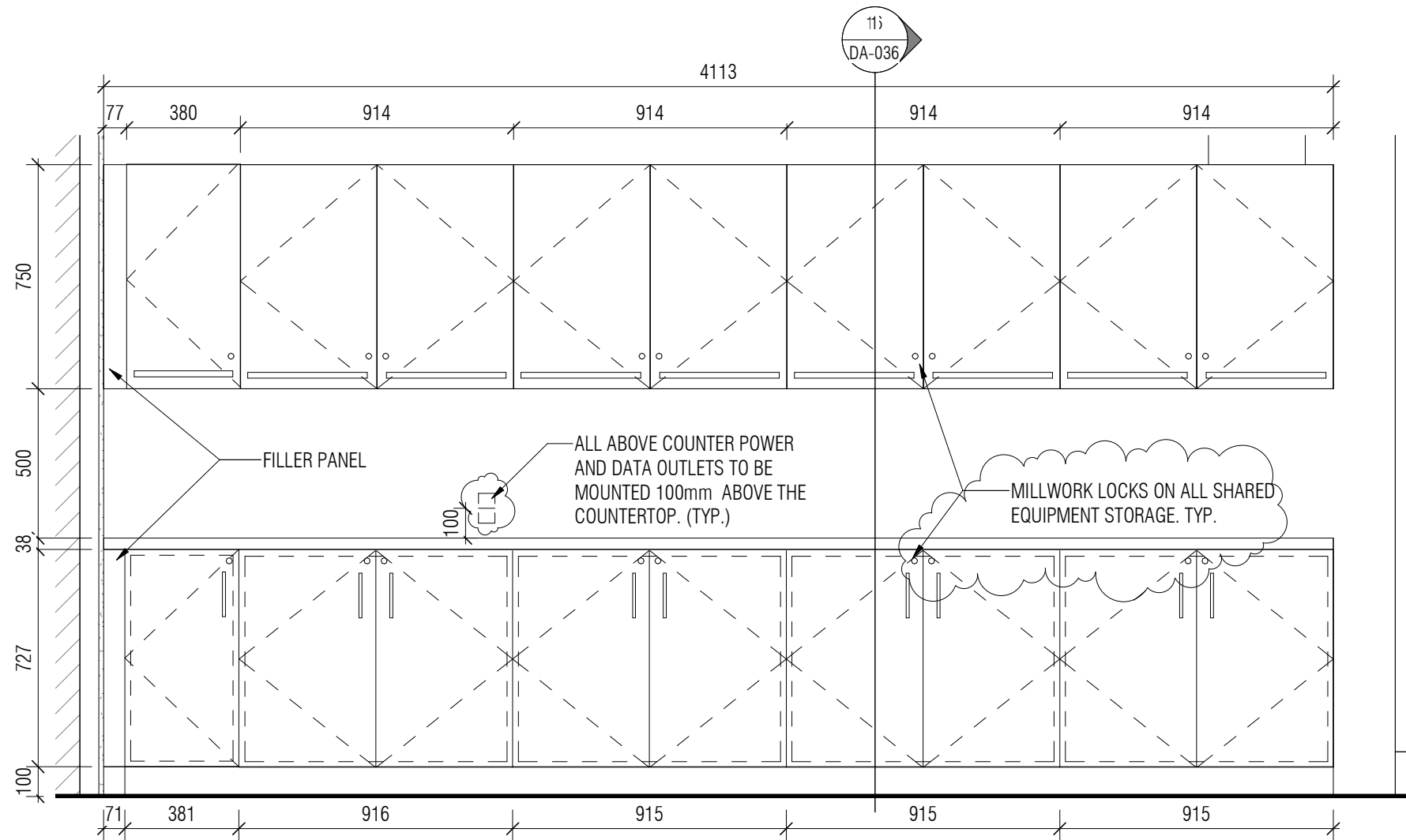
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project	projet	Designed By	MK/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
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		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyyymm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyyymm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyyymm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
					Drawing no.	No. du dessin
					DA-031	



project	project	Designed By	MM/CL/CL/AP	Conçu par	<div><div></div><div>Public Works and Government Services Canada</div><div>Travaux publics et services gouvernementaux Canada</div></div> <div><div>REAL PROPERTY SERVICES</div><div>SERVICES</div><div>Western Region</div></div> <div><div>SERVICES IMMOBILIERS</div><div>Région de l'Ouest</div></div>
		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender		Soumission	
Project Manager		KEVIN GALLAYS	Administrateur de projets	Drawing no. No. du dessin	
PARTIAL 1/A811 - INTERIOR SECTION DETAILS		DA-032			



Canada



Public Works and
Government Services
Canada

Travaux publics et
services gouvernementaux
Canada

REAL PROPERTY
SERVICES
Western Region

SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25

revisions	description	date
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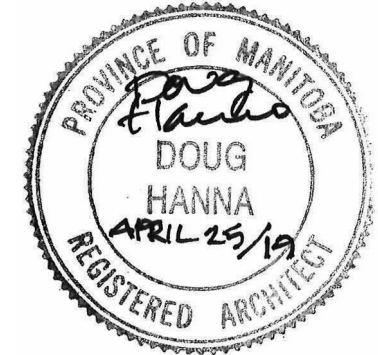
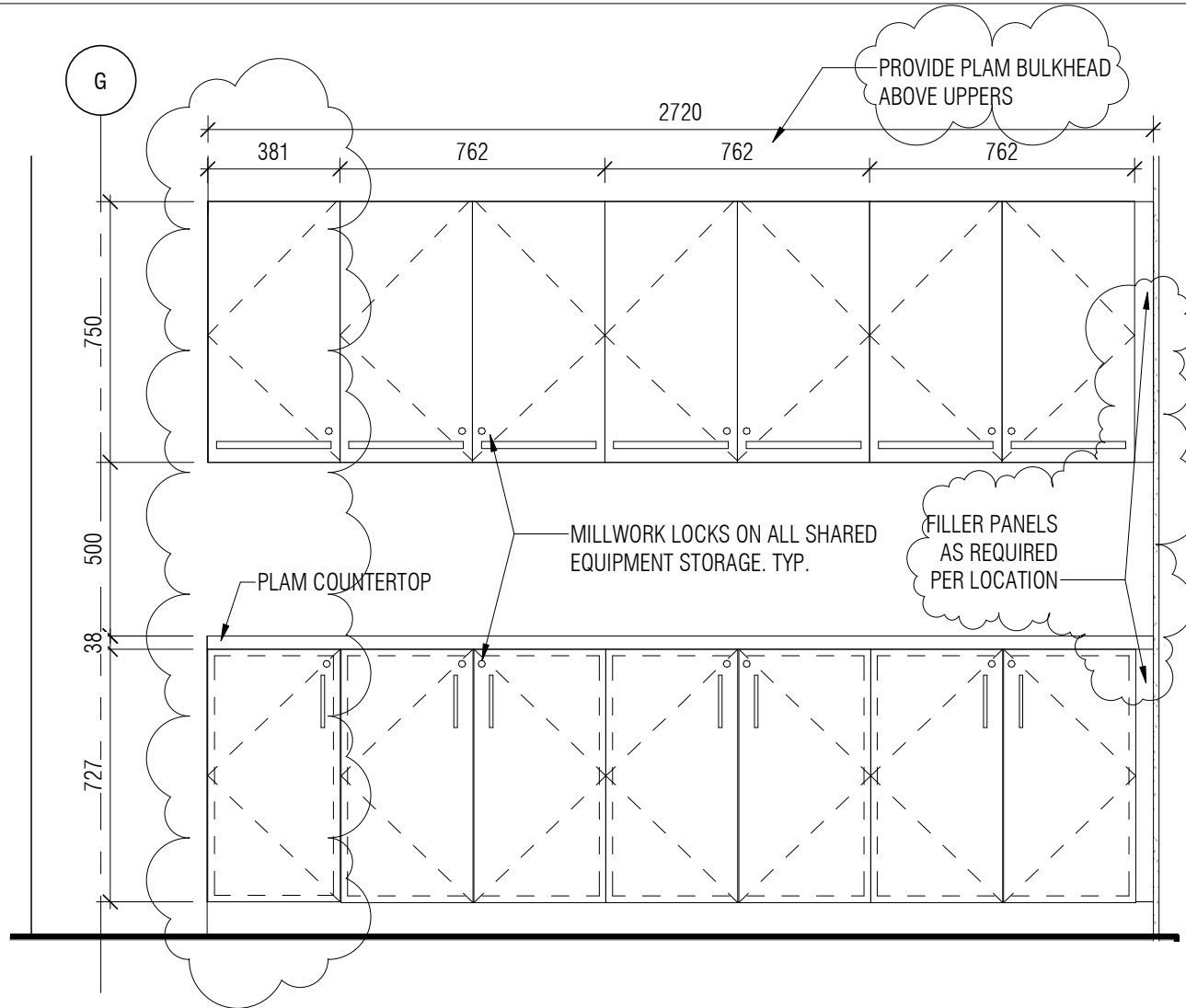
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no. du detail
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sur dessin no.
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dessin no.

A
B
C

project
**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing
**17/A900 - MILLWORK
DETAILS**


Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet
	R.076948.001	
Drawing no.		No. du dessin
	DA-033	



project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba

drawing
**18/A900 - MILLWORK
 DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

 Public Works and
 Government Services
 Canada

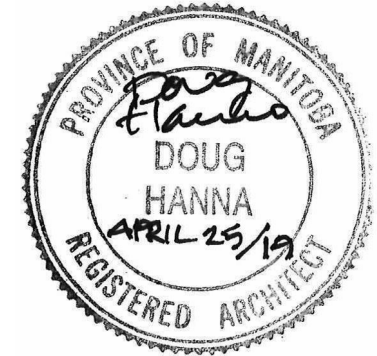
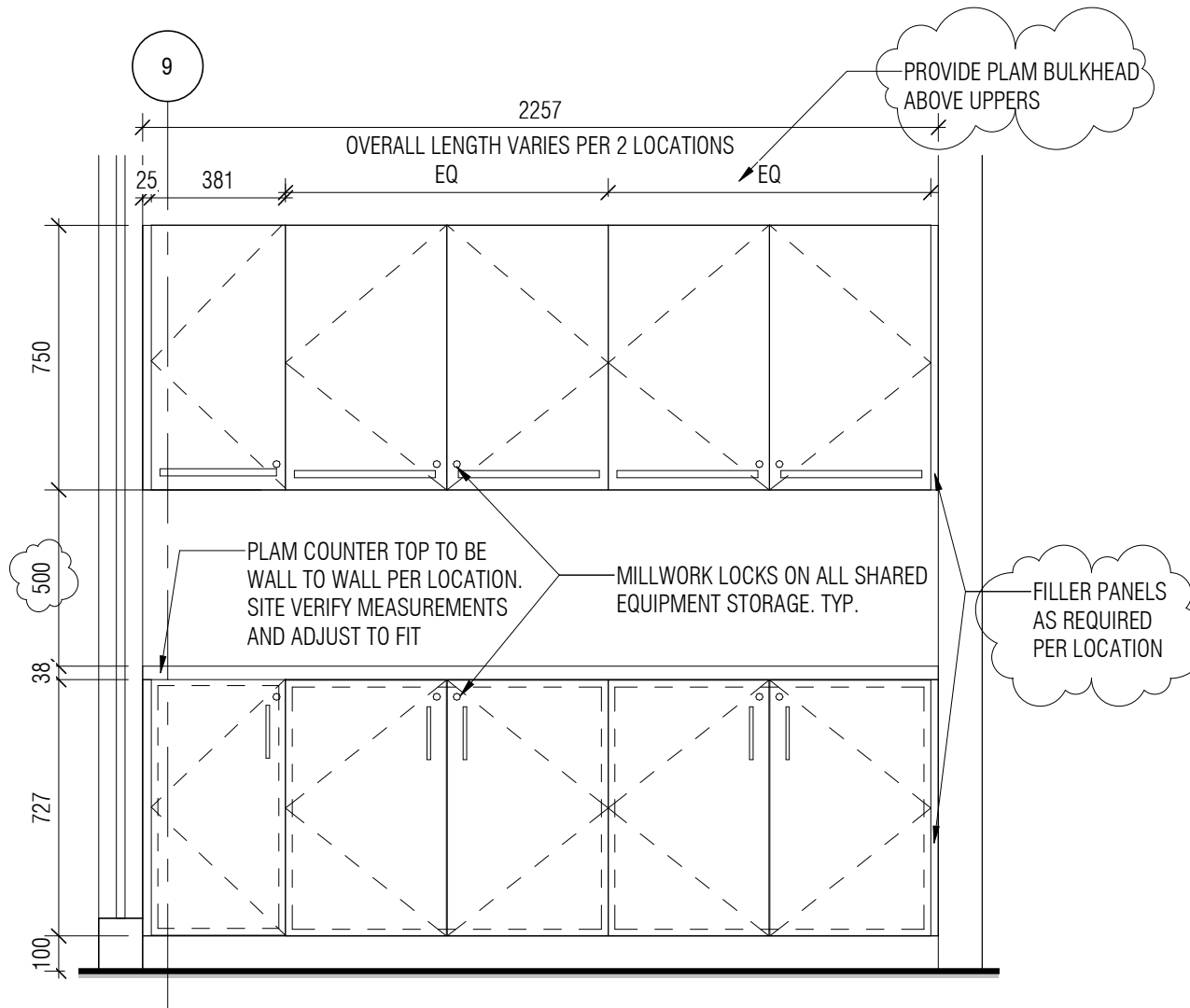
REAL PROPERTY
 SERVICES
 Western Region

Project no. No. du projet

R.076948.001

Drawing no. No. du dessin

DA-034



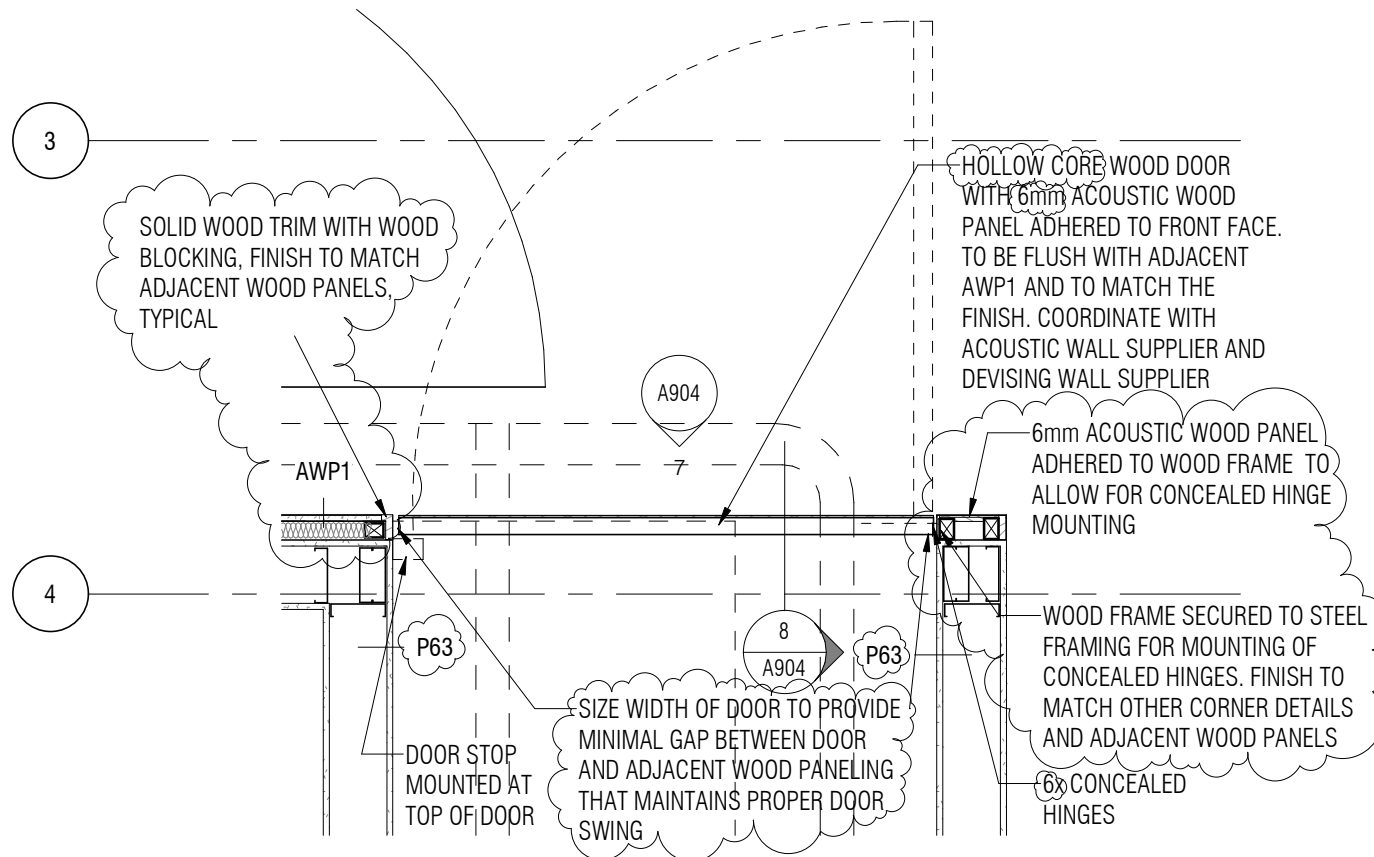
project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba

drawing
**19/A900 - MILLWORK
 DETAILS**

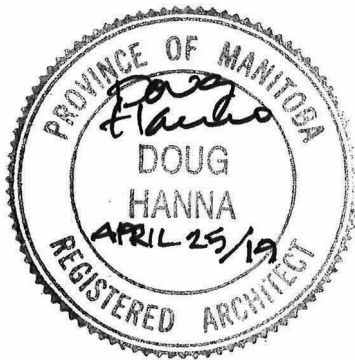
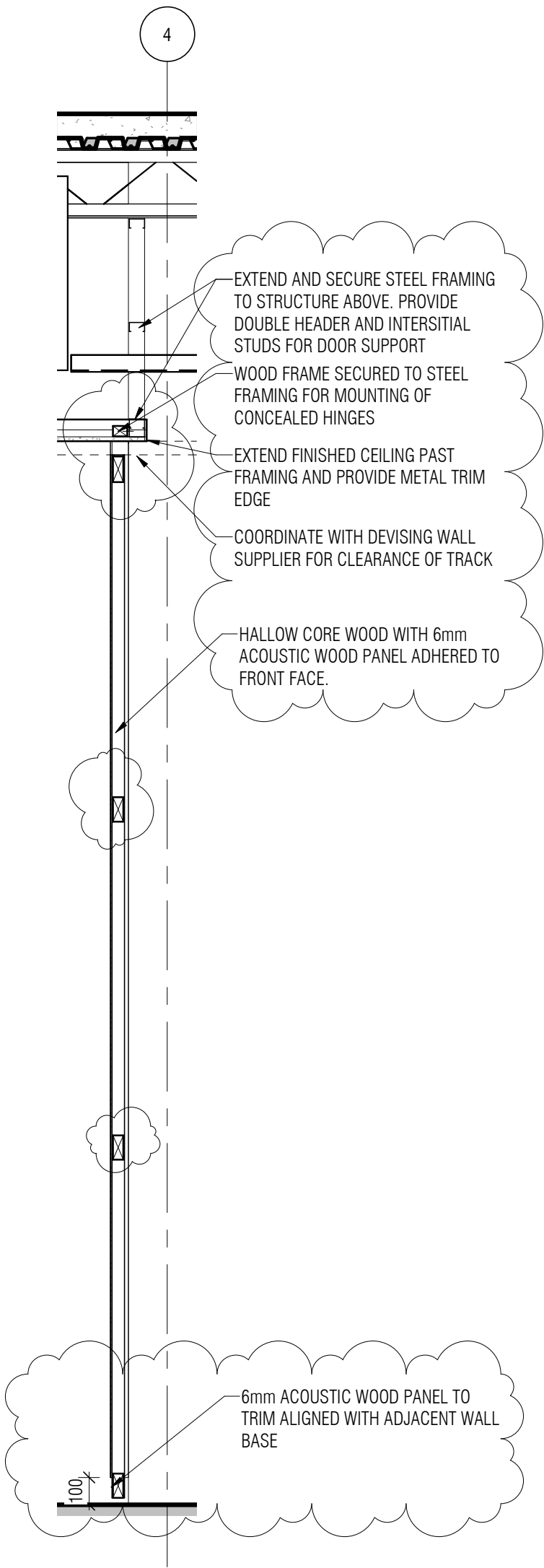
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Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager	Administrateur de projets	


	Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

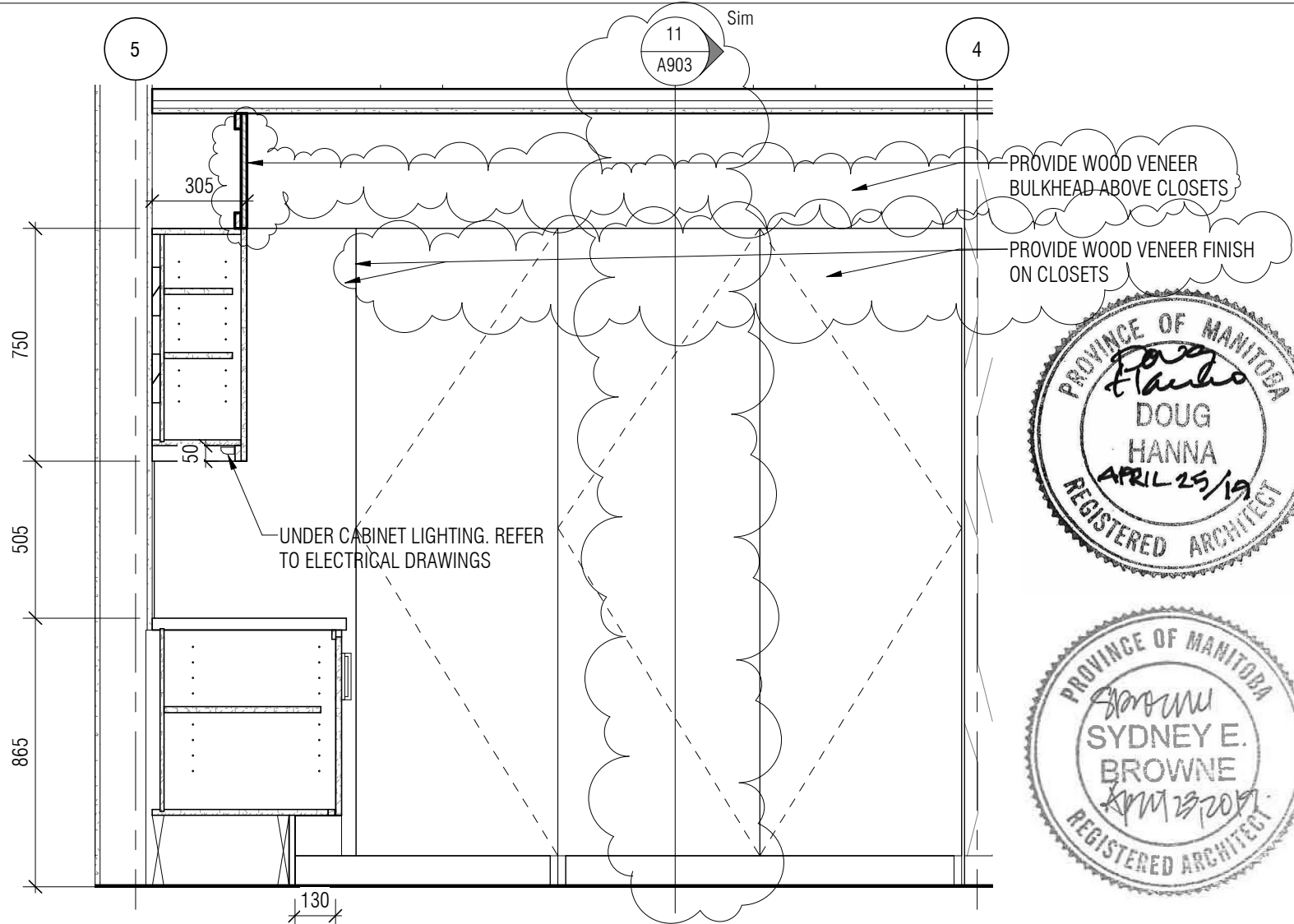
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R.076948.001	
Drawing no.	No. du dessin
DA-035	



<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>Designed By CL/MK/CL/AP</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Drawn By SC</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Reviewed By DH/JF</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Approved By DH/JF</p> <p>Date 2019/04/25 (yyyy/mm/dd)</p> <p>Tender KEVIN GALLAYS</p> <p>Project Manager</p>	<p>Conçu par</p> <p>Dessiné par</p> <p>Examiné par</p> <p>Approuvé par</p> <p>Soumission</p> <p>Administrateur de projets</p>
<p>drawing</p> <p>2/A904 - MILLWORK DETAILS</p>	<p>Project no.</p> <p>R.076948.001</p> <p>Drawing no.</p> <p>DA-037</p>	<p>No. du projet</p> <p>No. du dessin</p>




project <div>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</div>	projet	Designed By	CL/MK/CL/AP	Conçu par	<div><div>Public Works and Government Services Canada</div><div>REAL PROPERTY SERVICES Western Region</div></div> <div><div>Travaux publics et services gouvernementaux Canada</div><div>SERVICES IMMOBILIERS Région de l'Ouest</div></div>	
		Date	2019/04/25	(yyyy/mm/dd)		
		Drawn By	SC	Dessiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
drawing <div>8/A904 - MILLWORK DETAILS</div>	dessin	Date	2019/04/25	(yyyy/mm/dd)	Project no.	No. du projet
		Approved By	DH/JF	Approuvé par	R.076948.001	
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender		Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets	DA-038	

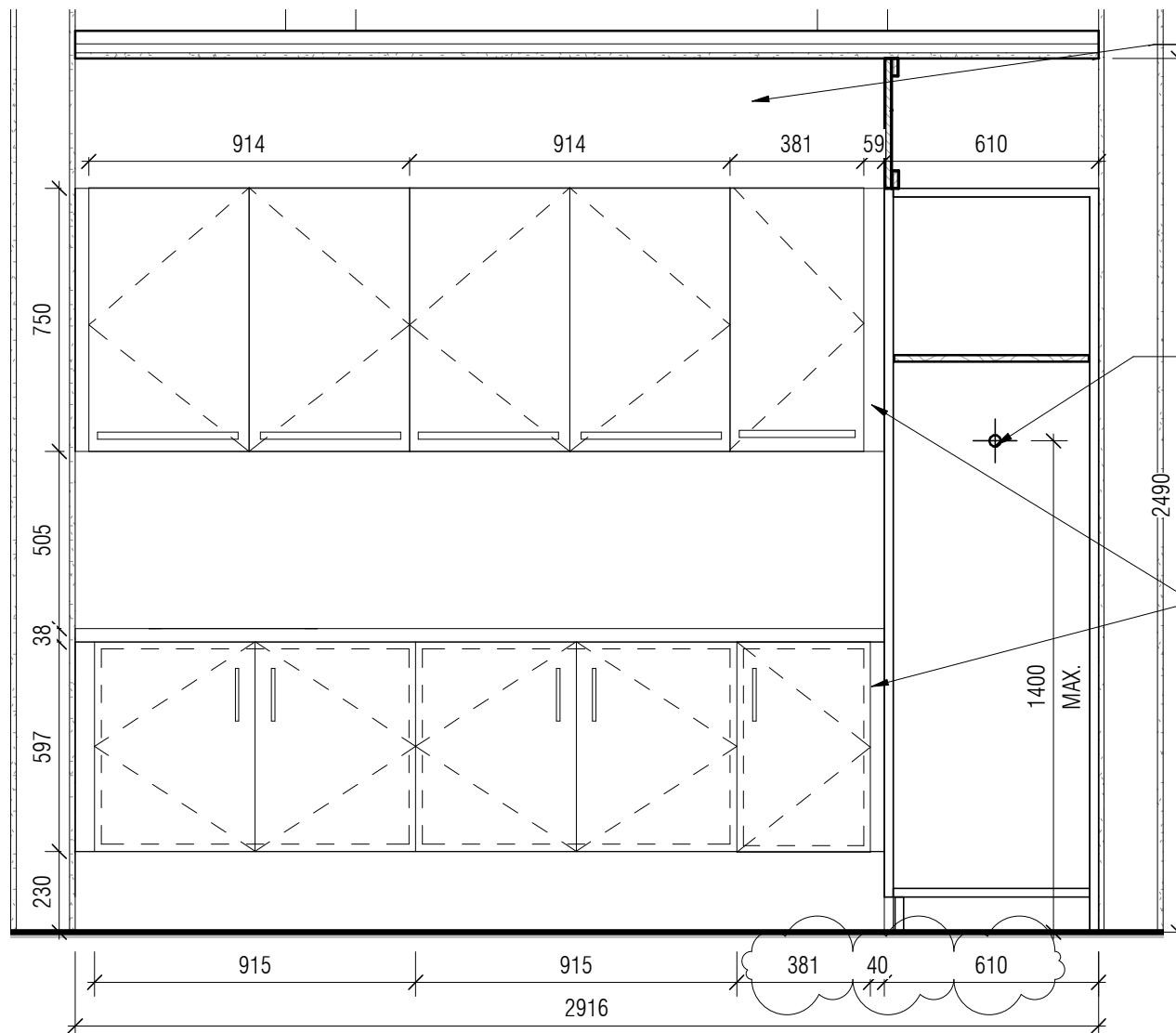


project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba

drawing
**6/A904 - MILLWORK
 DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

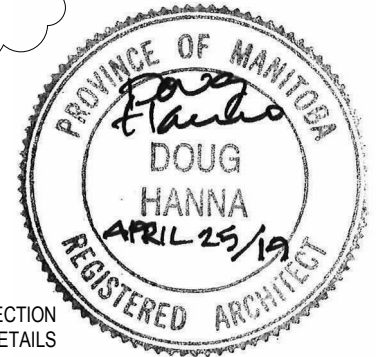
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	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest
Project no.	No. du projet	
	R.076948.001	
Drawing no.	No. du dessin	
	DA-039	



PROVIDE PLAM BULKHEAD ABOVE UPPERS

REFER TO 11/A903 FOR SECTION DETAILS

PROVIDE FILLER PANELS AS REQUIRED. TYP.



project
**NRC ADVANCED
MANUFACTURING PROGRAM
(AMP) - WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing
**11/A904 - MILLWORK
DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager	Administrateur de projets	



Public Works and
Government Services
Canada

Travaux publics et
services gouvernementaux
Canada

REAL PROPERTY
SERVICES
Western Region

SERVICES IMMOBILIERS
Région de l'Ouest

Project no.

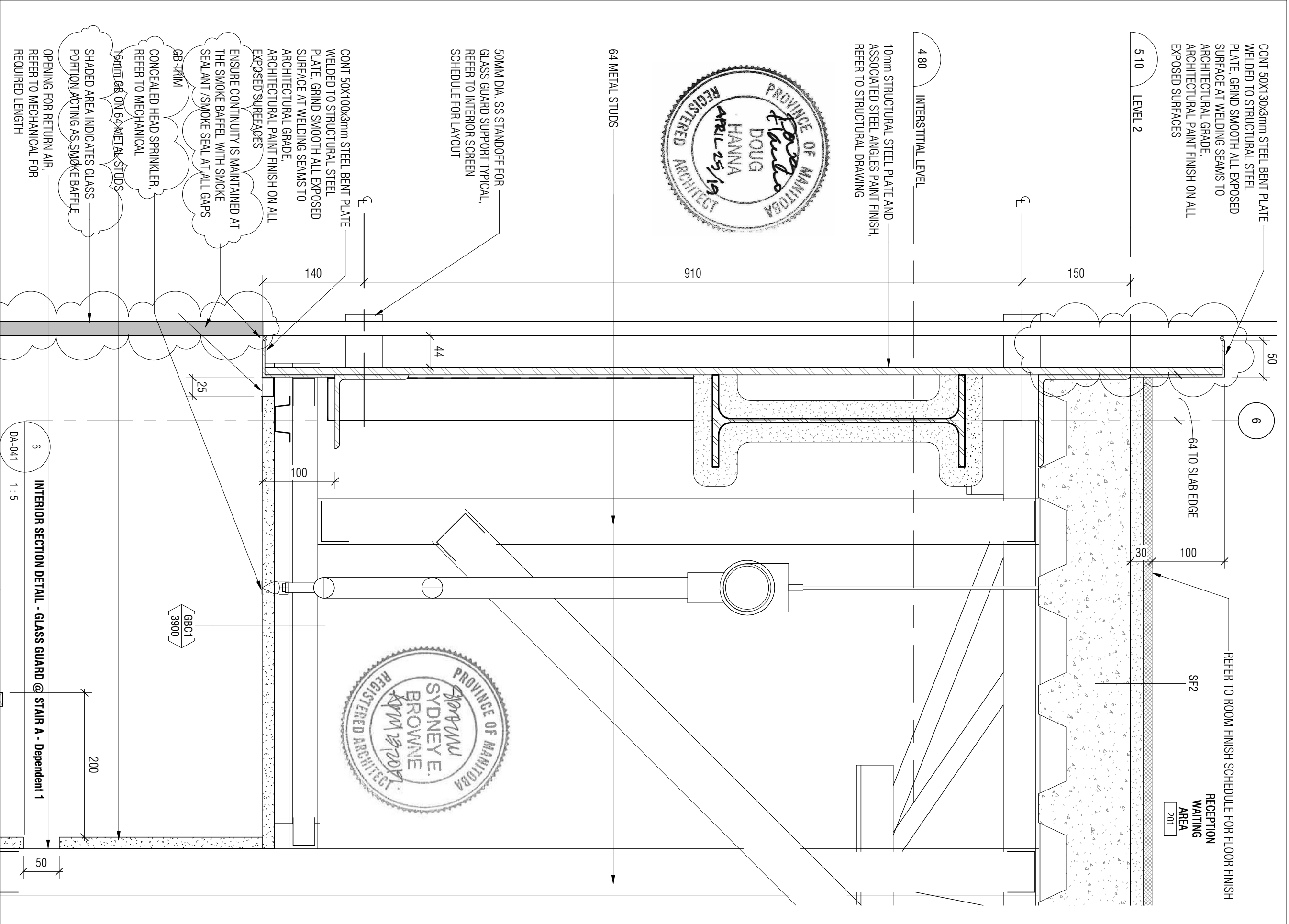
No. du projet


R.076948.001

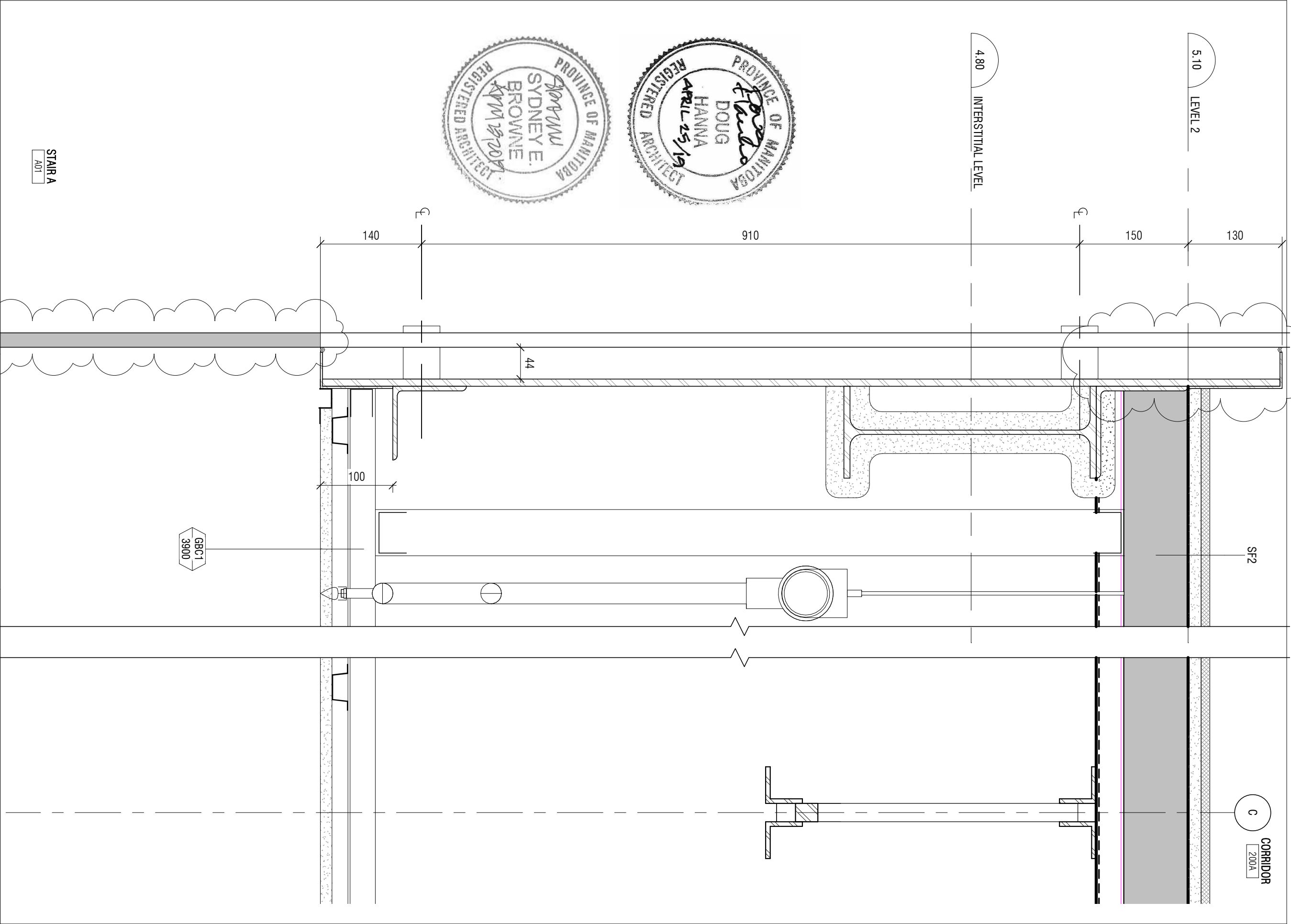
Drawing no.


No. du dessin

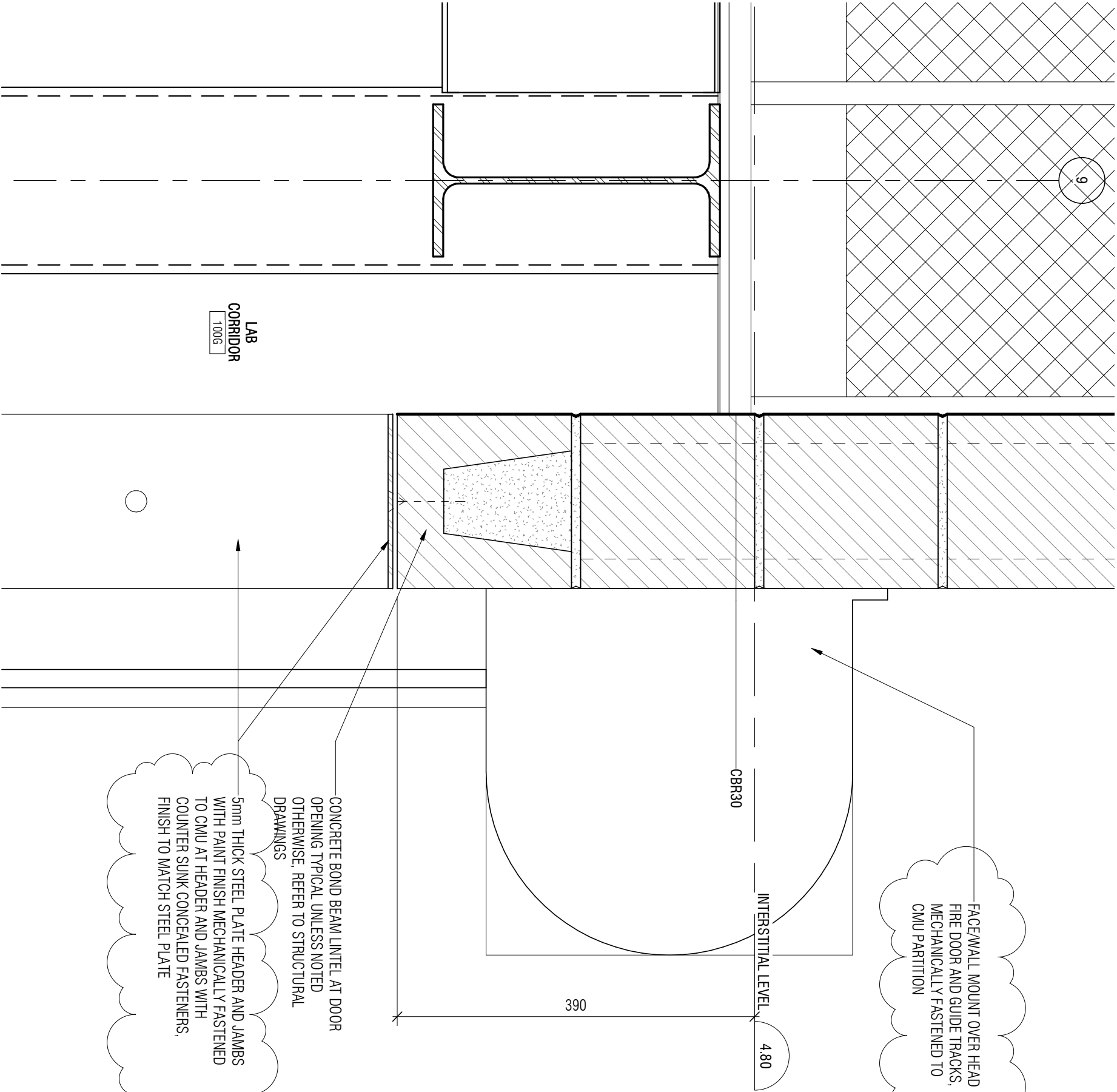
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project	project	Designed By	MK/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
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		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
drawing	dessin				Drawing no.	No. du projet
					R.076948.001	
					DA-041	No. du dessin




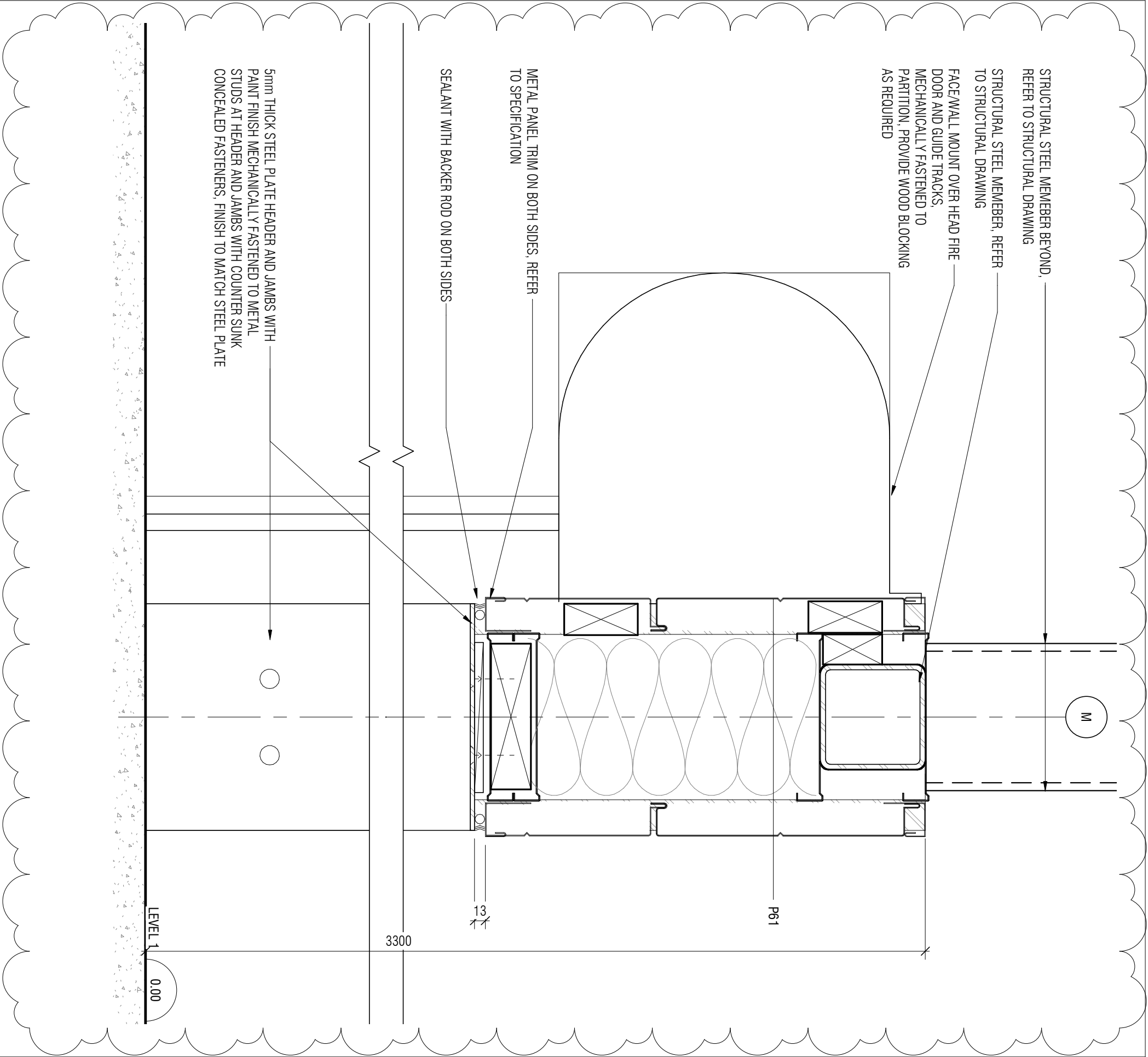
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		Date	2019/04/25	(yyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
					Drawing no.	No. du dessin
					DA-042	





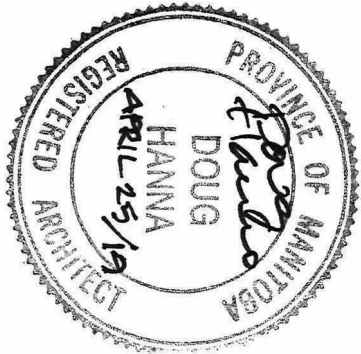
LAB
CORRIDOR
1006

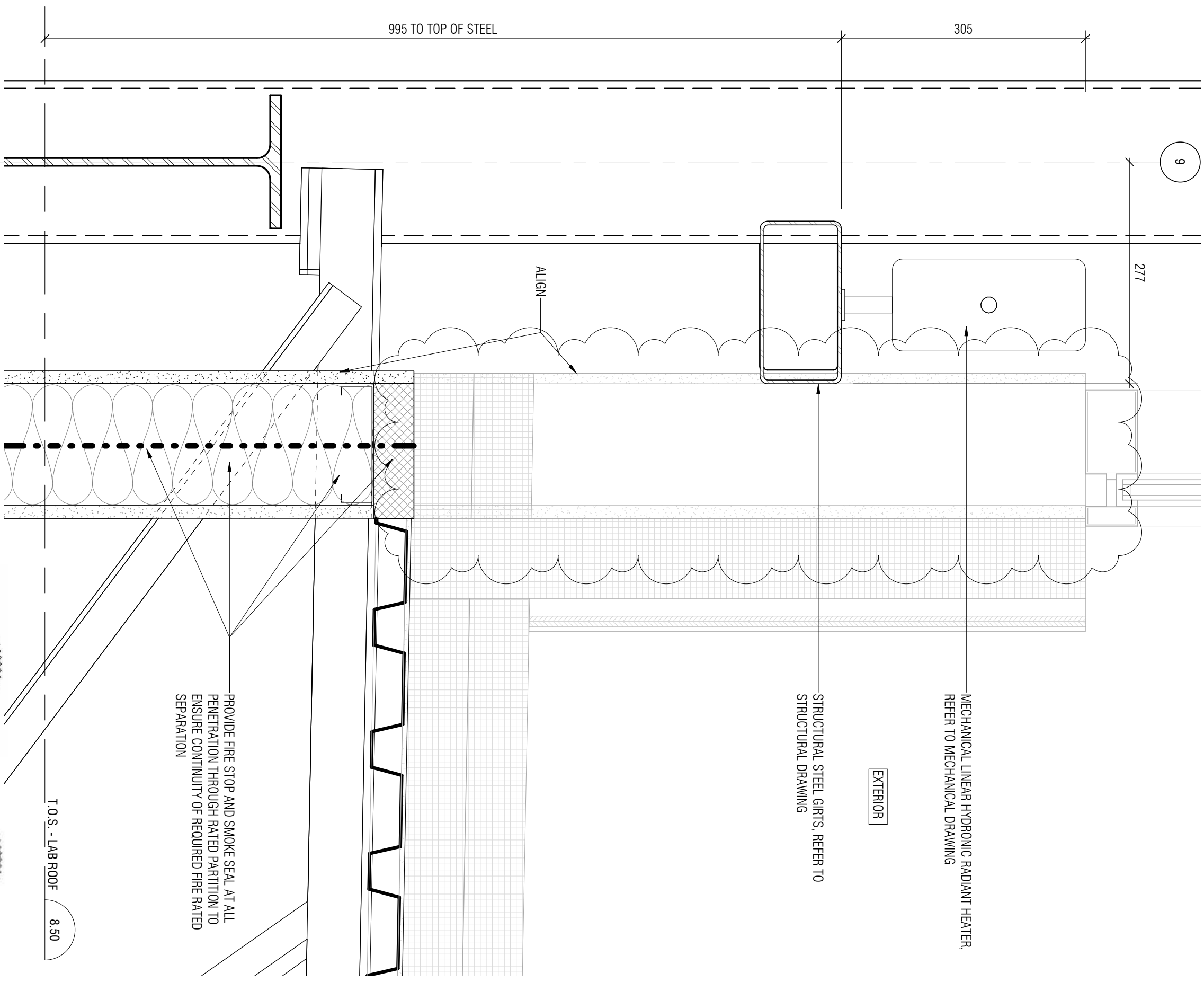



project	projet					
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	Designed By	MK/CL/CL/AP	Conçu par			
	Date	2019/04/25	(yyyy/mm/dd)		Public Works and Government Services Canada	
	Drawn By	CL	Dessiné par	Travaux publics et services gouvernementaux Canada		
	Date	2019/04/25	(yyyy/mm/dd)	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest	
	Reviewed By	DH/JF	Examiné par			
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	Project no.	No. du projet
2/A812 - INTERIOR SECTION DETAILS		Approved By	DH/JF	Approuvé par	R.076948.001	
		Date	2019/04/25	(yyyy/mm/dd)		
Tender		KEVIN GALLAYS	Soumission	Drawing no.	No. du dessin	
Project Manager		KEVIN GALLAYS	Administrateur de projets	DA-043		

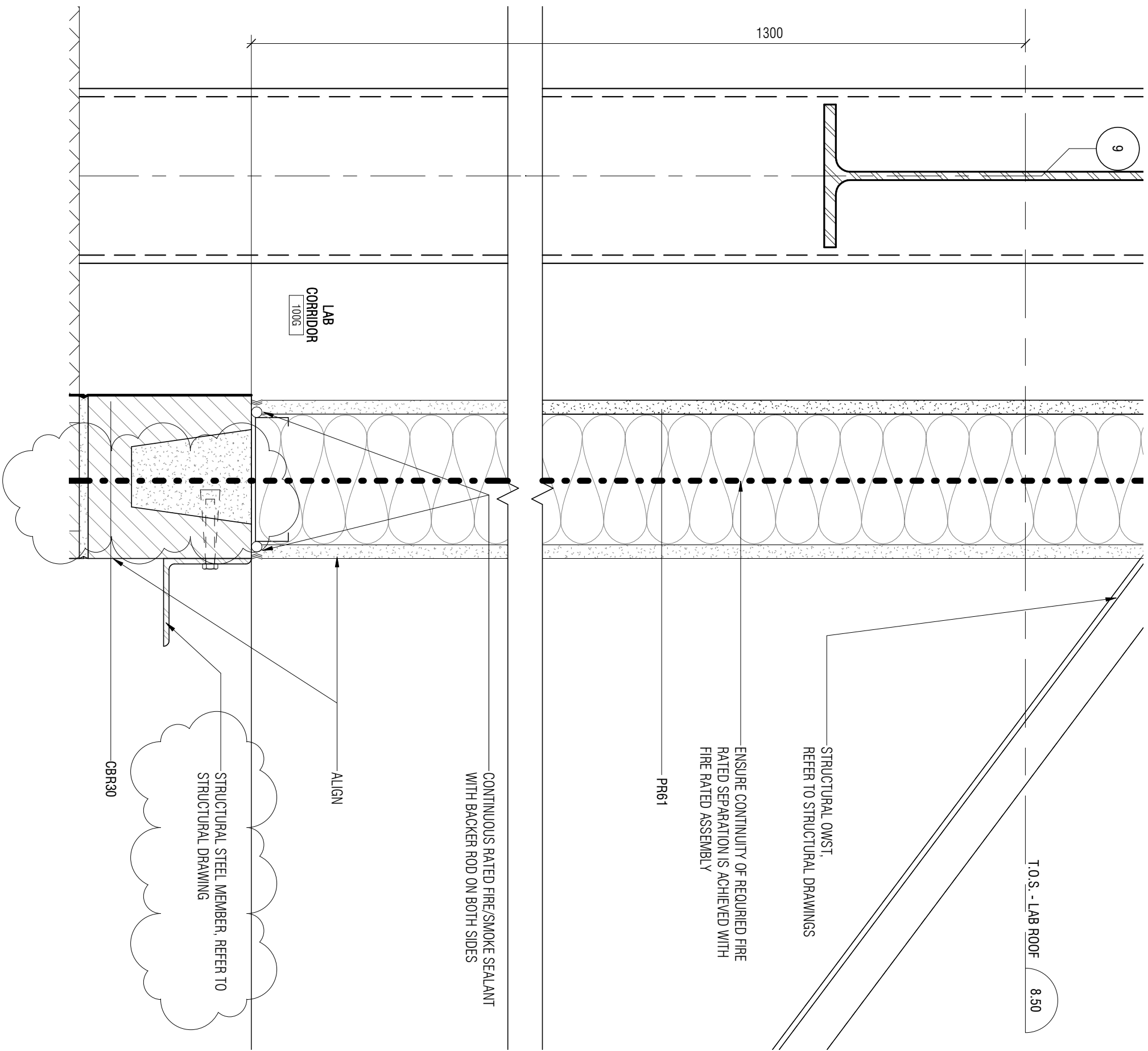




project	projet	Designed By	Designer	Conçu par		
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Date	2019/04/25	(yyyy/mm/dd)	 Public Works and Government Services Canada	 Travaux publics et services gouvernementaux Canada
		Drawn By	Author	Dessiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	Checker	Examiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
drawing	dessin	Approved By	Approver	Approuvé par	Project no. No. du projet	
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
5/A812 - INTERIOR SECTION DETAILS		Project Manager	KEVIN GALLAYS	Administrateur de projets	Drawing no. DA-044	No. du dessin





project	project	Designed By	MW/CL/LAP	Conçu par	 Public Works and Government Services Canada Travaux publics et services gouvernementaux Canada REAL PROPERTY SERVICES Région de l'Ouest Western Region
		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender		Soumission	
		Project Manager	KEVIN GALLAYS	Administrateur de projets	
PARTIAL 6/A812 - INTERIOR SECTION DETAILS					Drawing no. No. du dessin
DA-045					

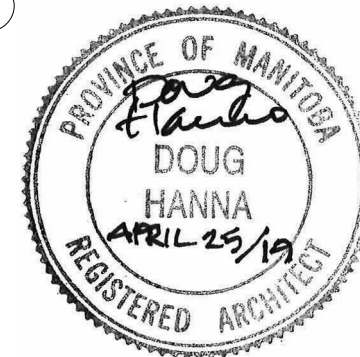
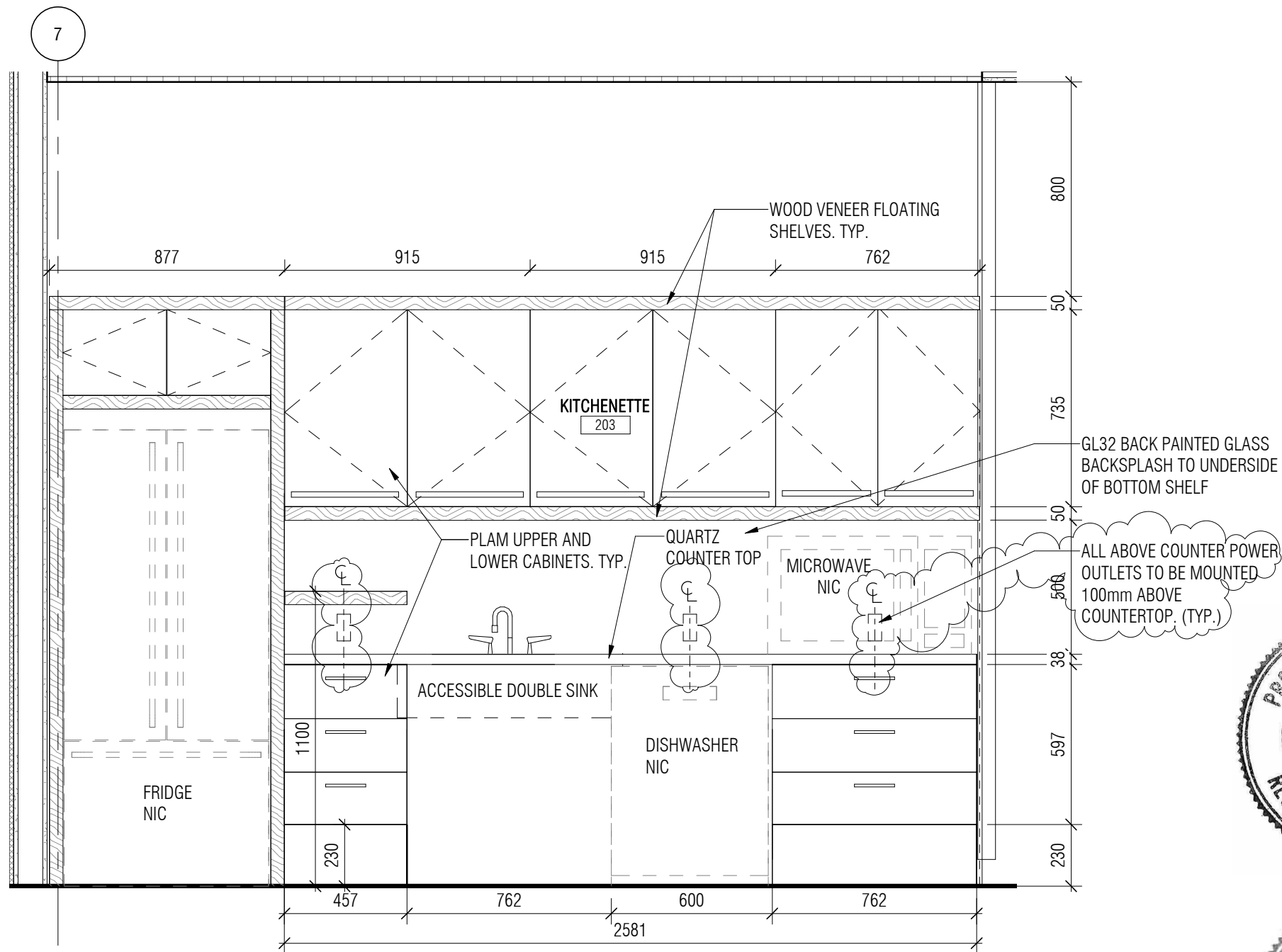


drawing	dessin	Designed By	MR/CL/CL/AP	Conçu par	 Public Works and Government Services Canada		 Travaux publics et services gouvernementaux Canada	
		Date	2019/04/25	(yyyy/mm/dd)	REAL PROPERTY SERVICES Western Region		SERVICES IMMOBILIERS Région de l'Ouest	
		Drawn By	CL	Dessiné par				
		Date	2019/04/25	(yyyy/mm/dd)				
		Reviewed By	DH/JF	Examiné par				
		Date	2019/04/25	(yyyy/mm/dd)	Project no.			
		Approved By	DH/JF	Approuvé par	R.076948.001			
		Date	2019/04/25	(yyyy/mm/dd)	Drawing no.			
		Tender		Submission	DA-046			
		Project Manager	KEVIN GALLAYS	Administrateur de projets	No. du dessin			



PROVINCE OF MANITOBA
Doug Hanna
 DOUG
 HANNA
 APRIL 25/99
 REGISTERED ARCHITECT

PROVINCE OF MANITOBA
Sydney E. Browne
 SYDNEY E.
 BROWNE
 APR 19/2001
 REGISTERED ARCHITECT



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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25

revisions	description	date
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A	A detail no. no. du detail	A
C	B location drawing no. sur dessin no.	B C
	C drawing no. dessin no.	

project
**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

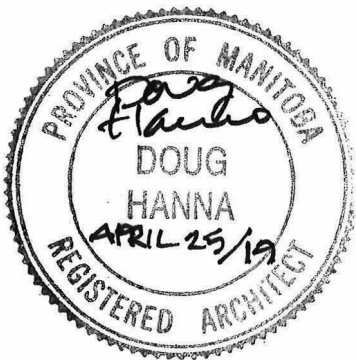
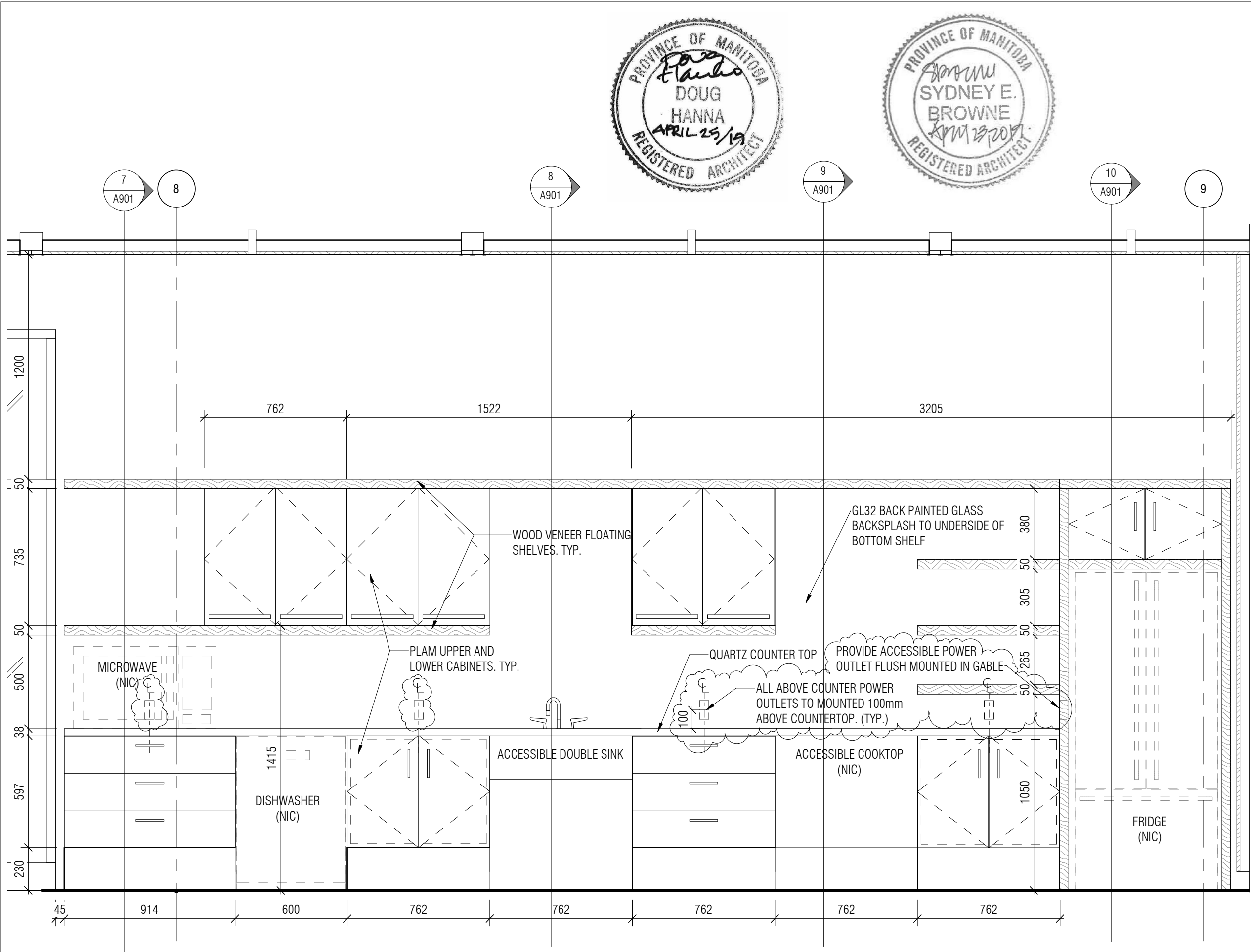
drawing
**4/A901 - MILLWORK
DETAILS**


Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet


R.076948.001

Drawing no. No. du dessin

DA-048







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Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
revisions	description	date

A

C

A detail no.
no. du détail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

A

B

C

project

**NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing

**6/A901 - MILLWORK
DETAILS**

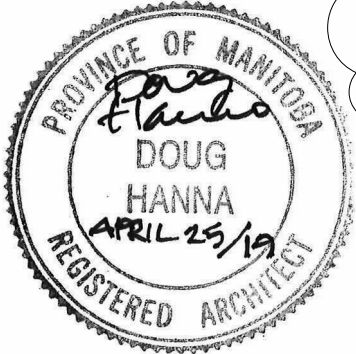
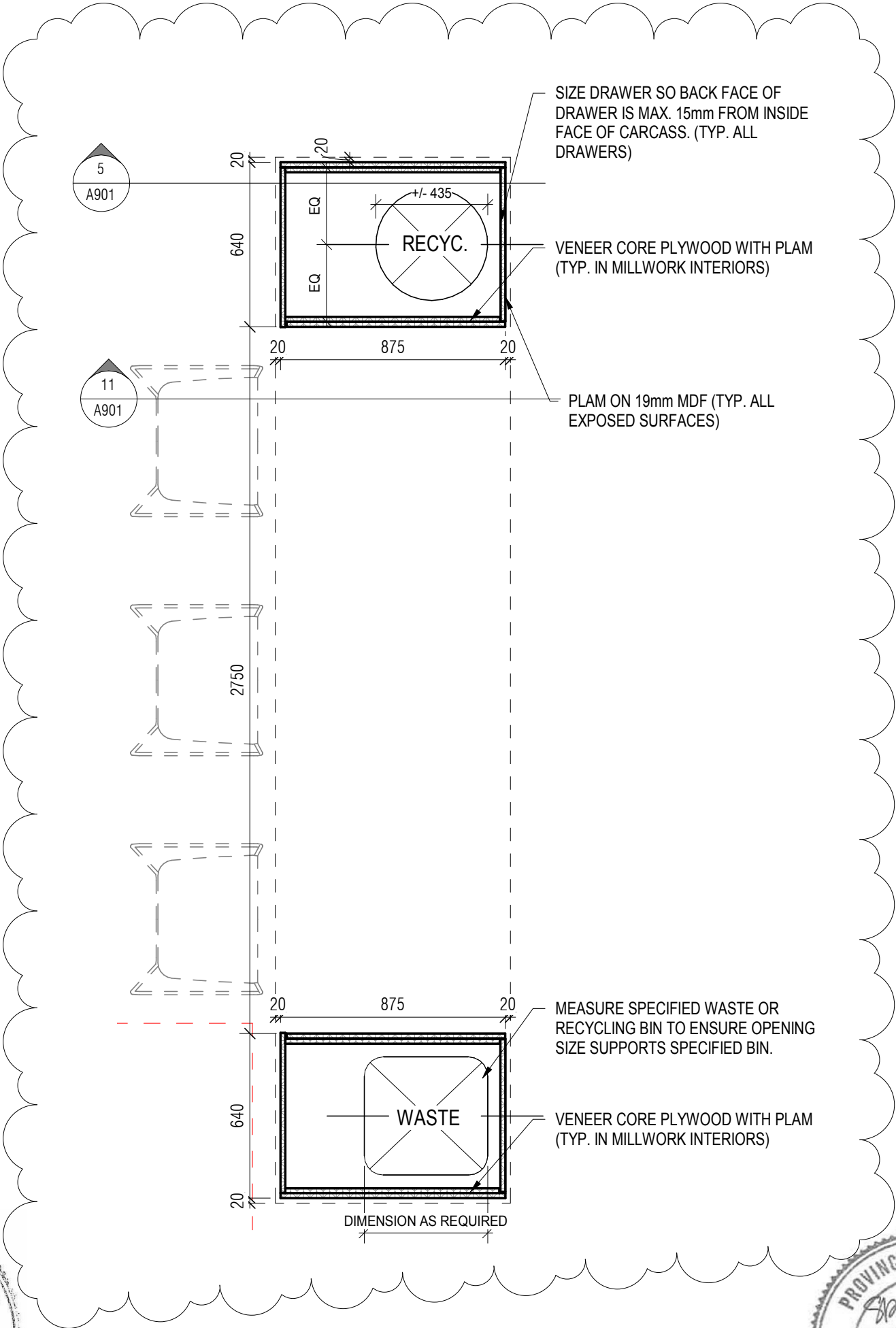
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Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet


R.076948.001

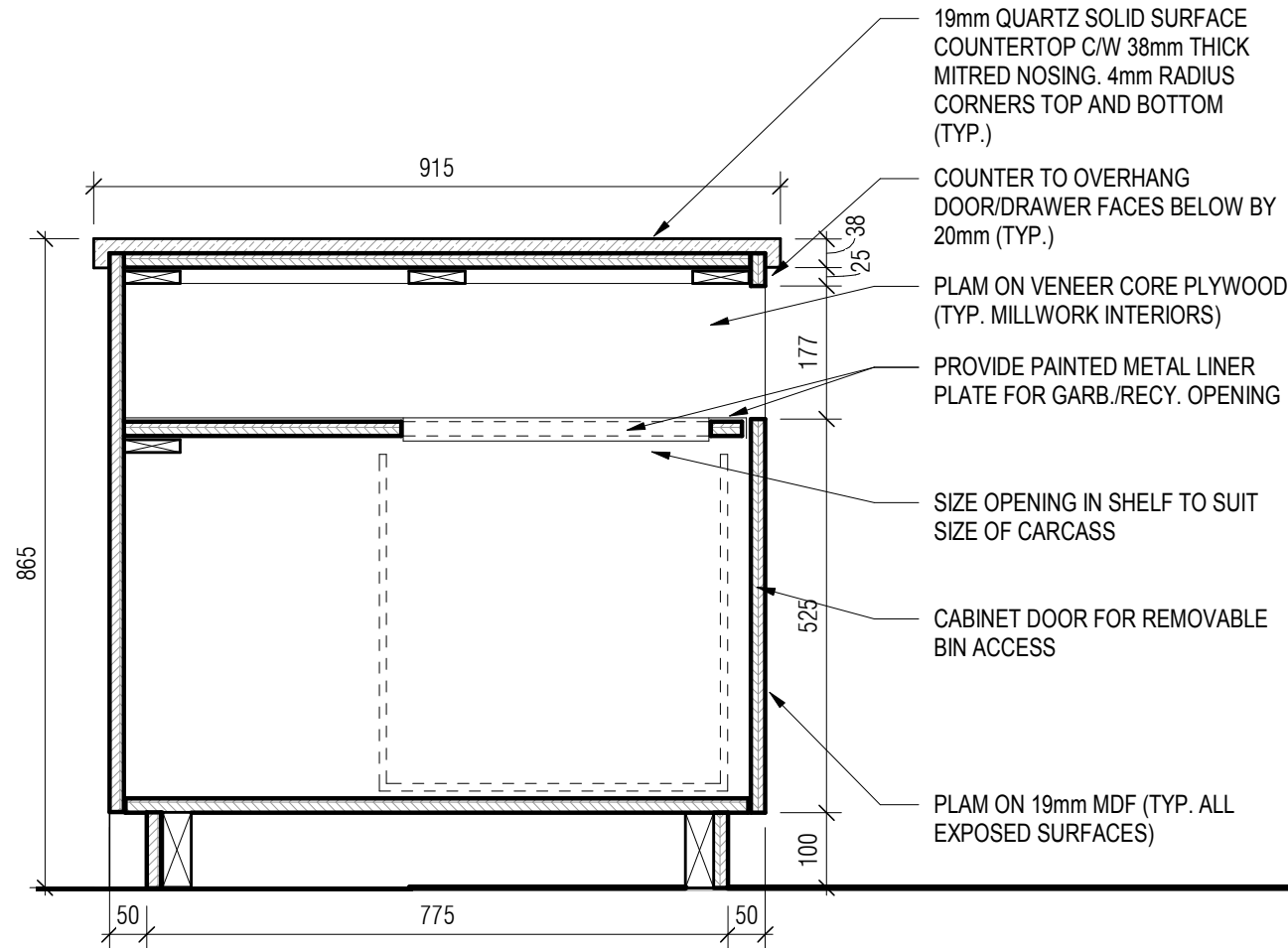
Drawing no.

No. du dessin

DA-049



project	project	Designed By	CL/MK/CL/AP	Conçu par		
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		Drawn By	SC	Dessiné par		Travaux publics et services gouvernementaux Canada
		Date	2019/04/25	(yyyy/mm/dd)		REAL PROPERTY SERVICES Western Region
		Reviewed By	DH/JF	Examiné par		SERVICES IMMOBILIERS Région de l'Ouest
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	Project no.	No. du projet
	2/A901 - MILLWORK DETAILS	Approved By	DH/JF	Approuvé par		R.076948.001
		Date	2019/04/25	(yyyy/mm/dd)	Drawing no.	No. du dessin
		Tender	KEVIN GALLAYS	Soumission		DA-051
		Project Manager		Administrateur de projets		



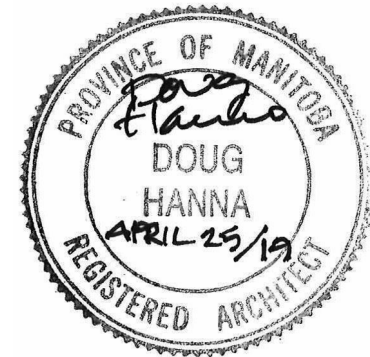
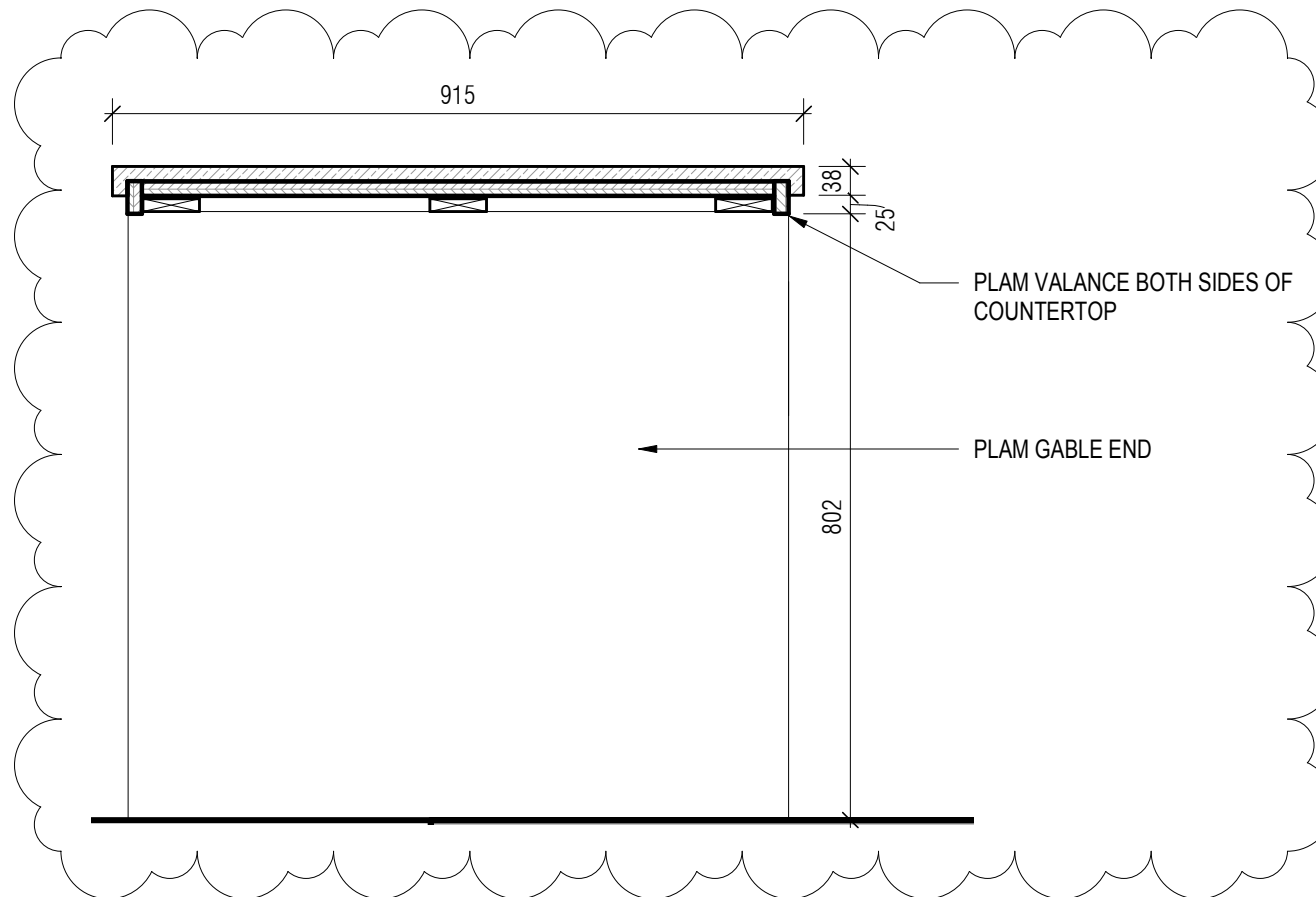
project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba

drawing
**5/A901 - MILLWORK
 DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

	Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

Project no.	No. du projet
R.076948.001	
Drawing no.	No. du dessin
DA-052	



project projet

**NRC ADVANCED
MANUFACTURING PROGRAM
(AMP) - WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing dessin

**11/A901 - MILLWORK
DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

	Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

Project no. No. du projet

R.076948.001

Drawing no. No. du dessin

DA-053

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25

revisions	description	date
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A detail no.
no. du detail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

A

B

C

project

NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG

Red Fife Road, Winnipeg, Manitoba

projet

drawing

13/A901 - MILLWORK
DETAILS

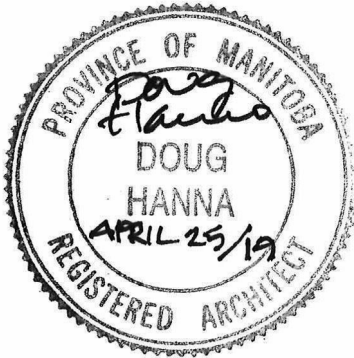
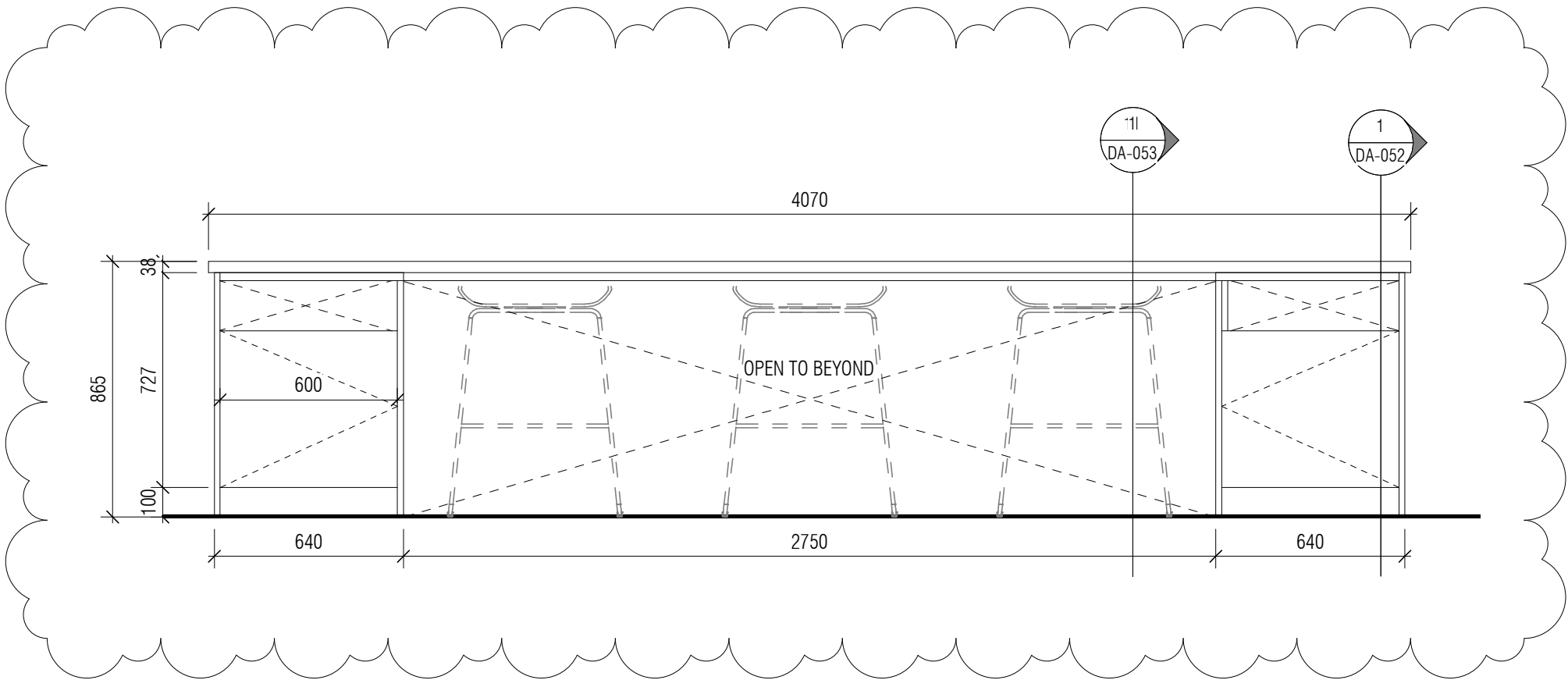
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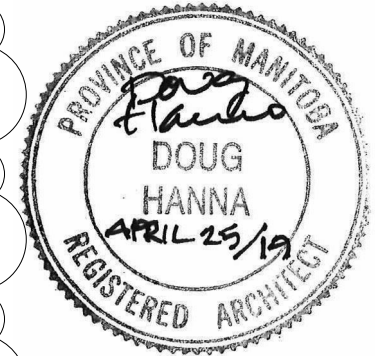
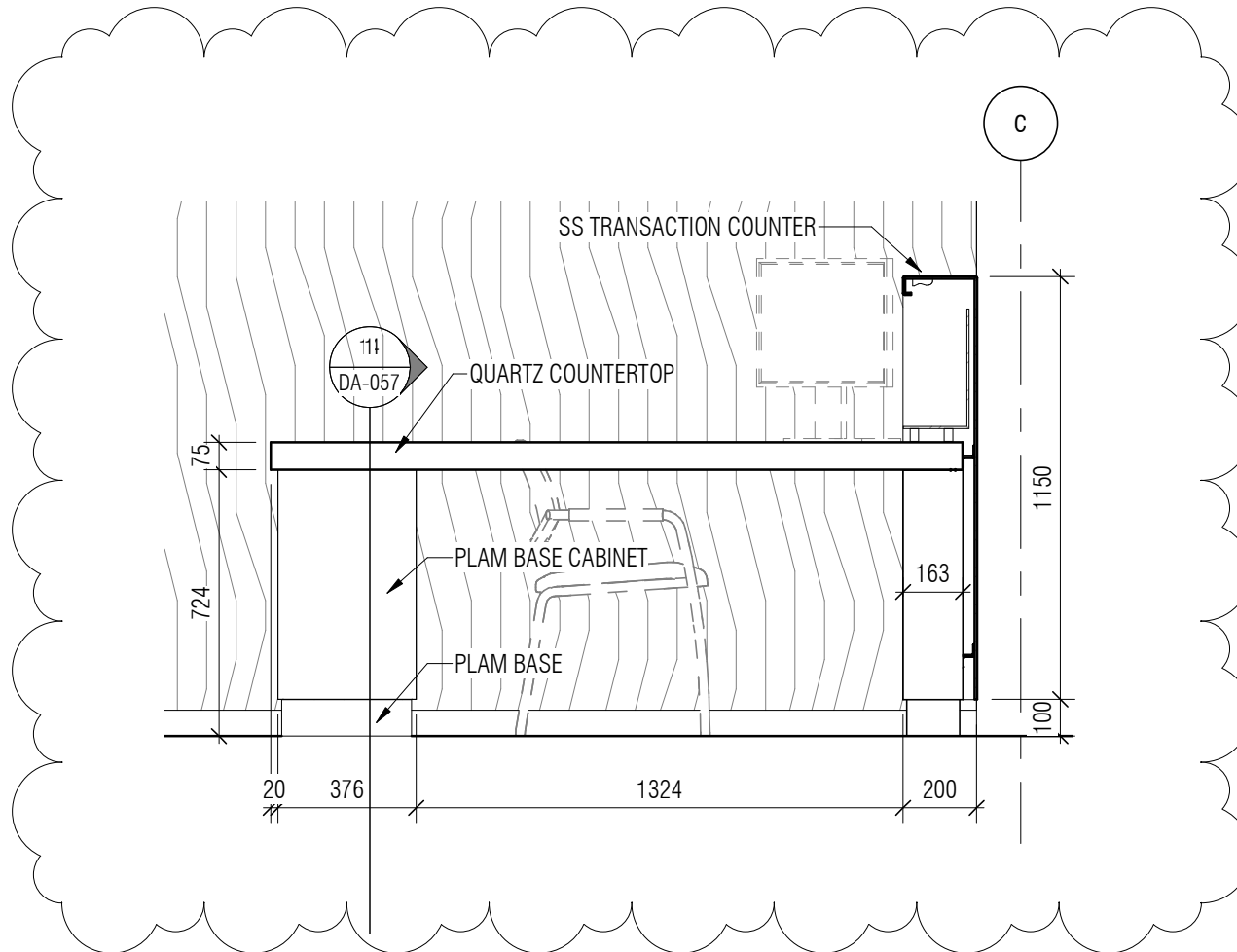
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Date	2019/04/25	(yyyy/mm/dd)
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Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet

R.076948.001

Drawing no.	No. du dessin
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DA-054






project
**NRC ADVANCED
MANUFACTURING PROGRAM
(AMP) - WINNIPEG**
Red Fife Road, Winnipeg, Manitoba

drawing
**4/A903 - MILLWORK
DETAILS**

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

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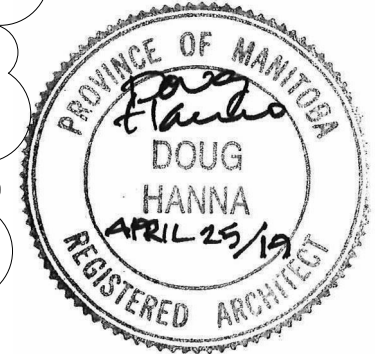
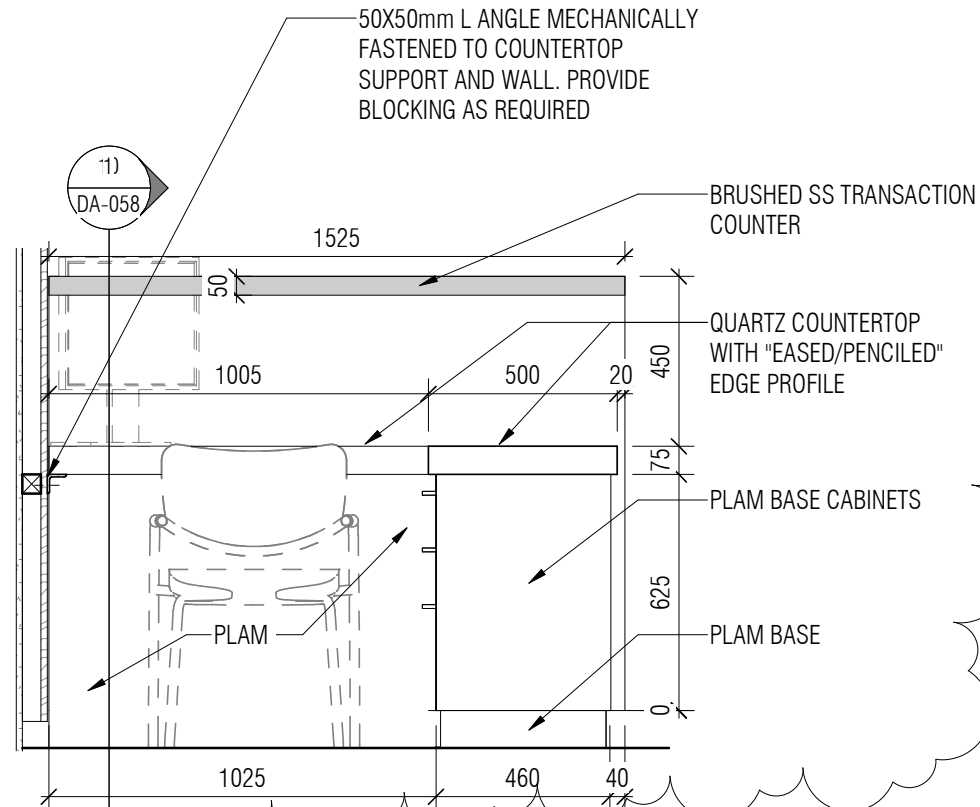
SERVICES IMMOBILIERS
Région de l'Ouest

Project no. No. du projet

R.076948.001

Drawing no. No. du dessin

DA-055



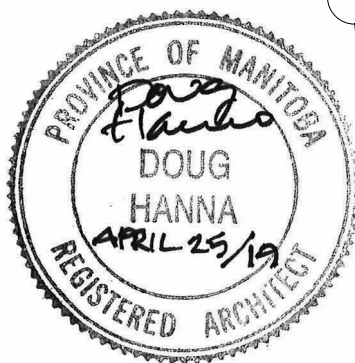
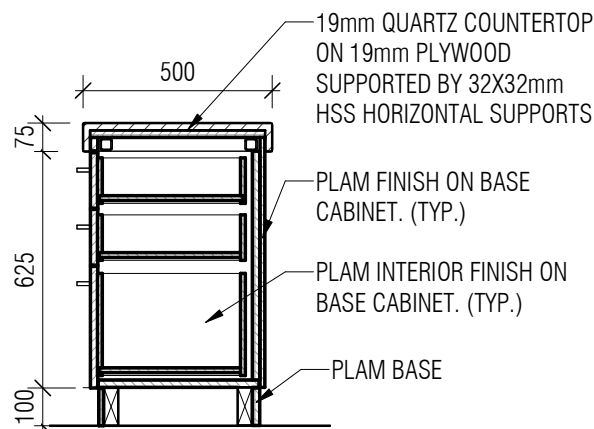
project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba


drawing
**7/A903 - MILLWORK
 DETAILS**

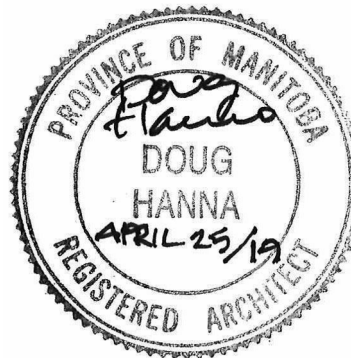
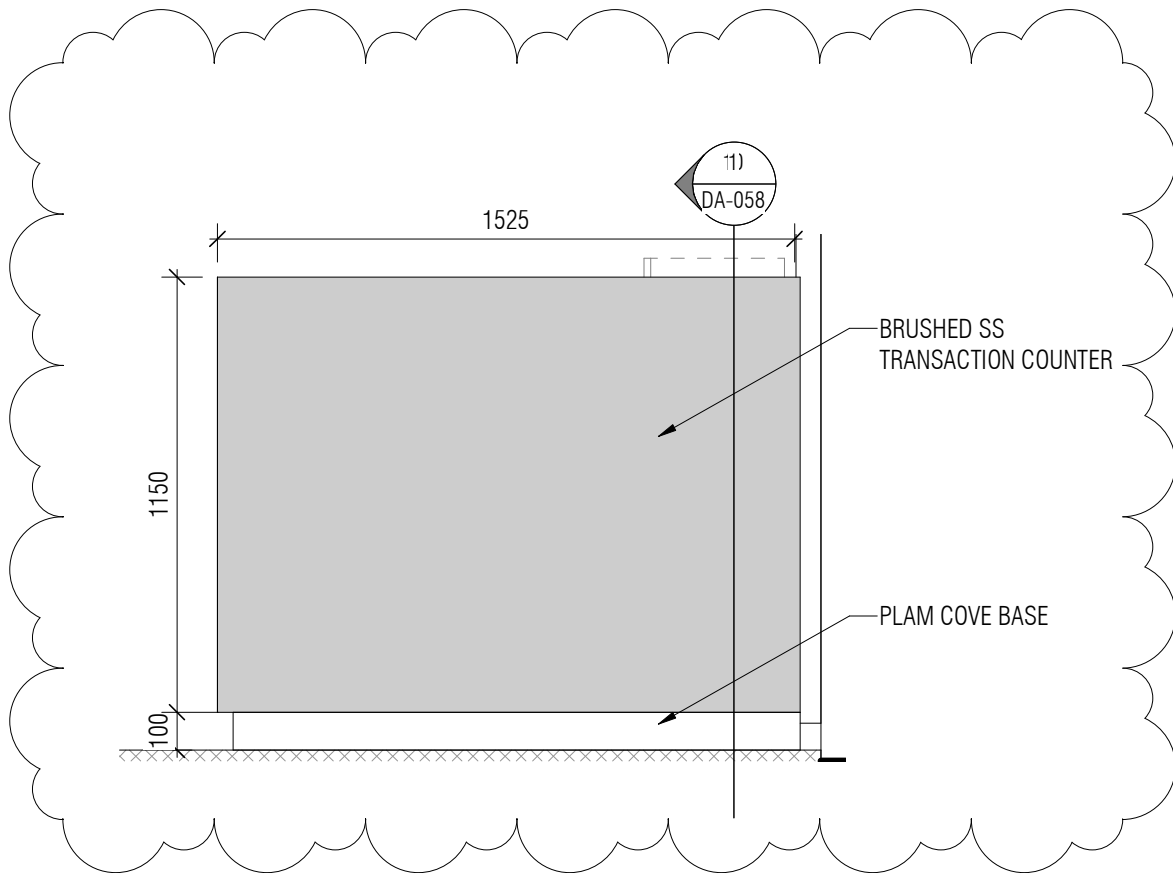
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Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets

	Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

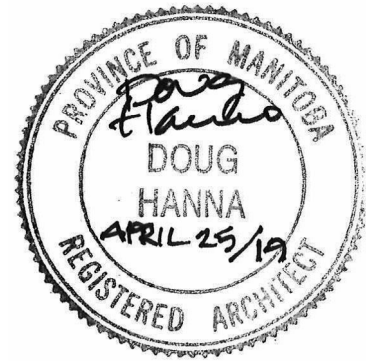
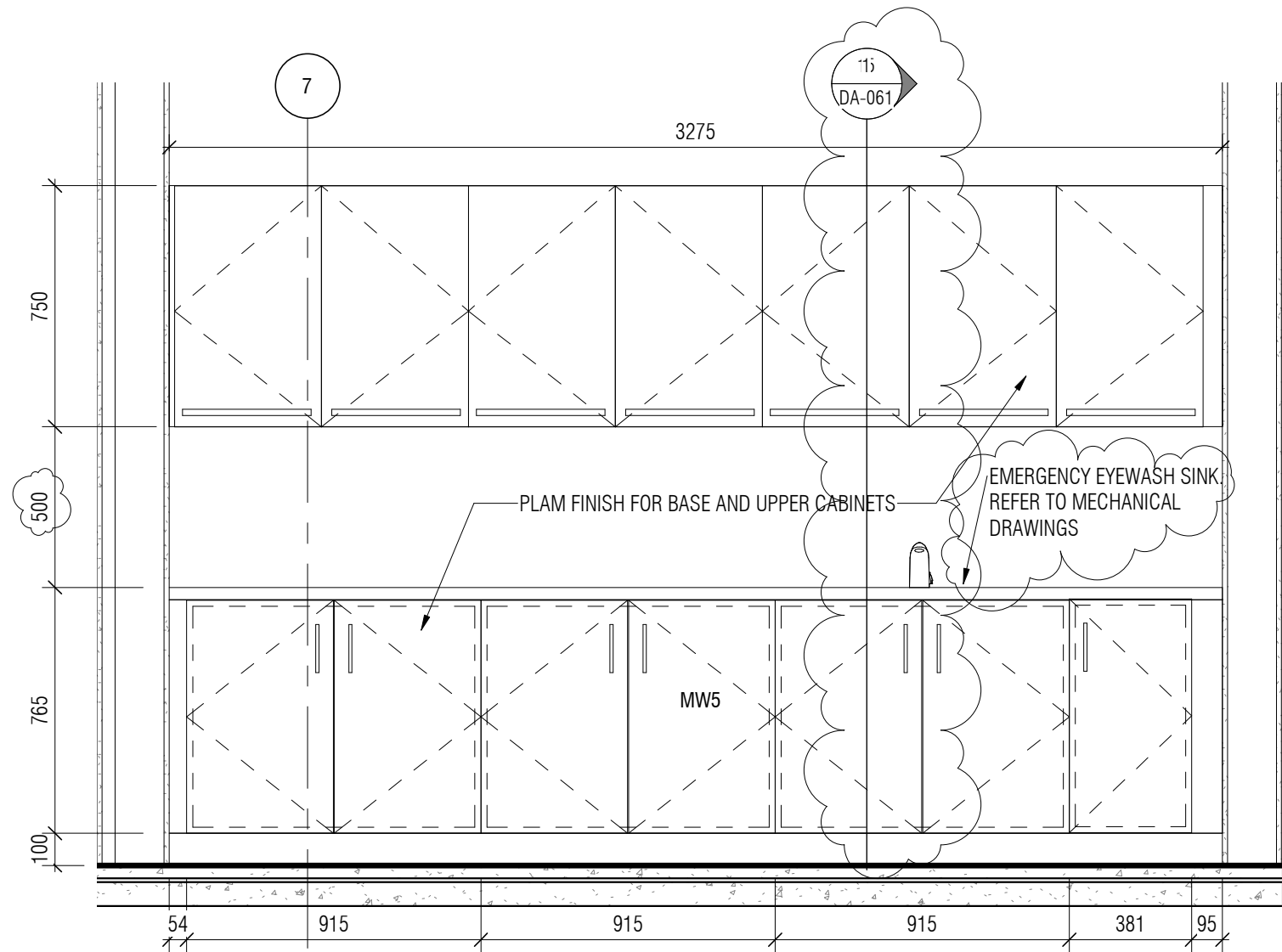
Project no.	No. du projet
R.076948.001	
Drawing no.	No. du dessin
DA-056	



<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By MK/CL/CL/AP Conçu par Date 2019/04/25 (yyyy/mm/dd) Drawn By SC Dessiné par Date 2019/04/25 (yyyy/mm/dd) Reviewed By DH/JF Examiné par Date 2019/04/25 (yyyy/mm/dd) Approved By DH/JF Approuvé par Date 2019/04/25 (yyyy/mm/dd) Tender Kevin Gallays Soumission Project Manager Administrateur de projets</p>	<p> Public Works and Government Services Canada Travaux publics et services gouvernementaux Canada</p> <p>REAL PROPERTY SERVICES Western Region SERVICES IMMOBILIERS Région de l'Ouest</p>
<p>drawing</p> <p>14/A903 - MILLWORK DETAILS</p>		<p>Project no. No. du projet R.076948.001</p> <p>Drawing no. No. du dessin DA-057</p>



<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By MK/CL/CL/AP Date 2019/04/25 (yyyy/mm/dd) Drawn By SC Date 2019/04/25 (yyyy/mm/dd) Reviewed By DH/JF Date 2019/04/25 (yyyy/mm/dd) Approved By DH/JF Date 2019/04/25 (yyyy/mm/dd) Tender KEVIN GALLAYS Project Manager</p>	<p>Conçu par Dessiné par Examiné par Approuvé par Soumission</p> <p>Public Works and Government Services Canada</p> <p>REAL PROPERTY SERVICES Western Region</p> <p>Travaux publics et services gouvernementaux Canada</p> <p>SERVICES IMMOBILIERS Région de l'Ouest</p>
<p>drawing</p> <p>12/A903 - MILLWORK DETAILS</p>	<p>dessin</p> <p>Project Manager Administrateur de projets</p>	<p>Project no. No. du projet</p> <p>R.076948.001</p> <p>Drawing no. No. du dessin</p> <p>DA-059</p>



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Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25

revisions	description	date
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A

C

A detail no.
no. du detail
B location drawing no.
sur dessin no.
C drawing no.
dessin no.

A

B

C

project
NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG
Red Fife Road, Winnipeg, Manitoba

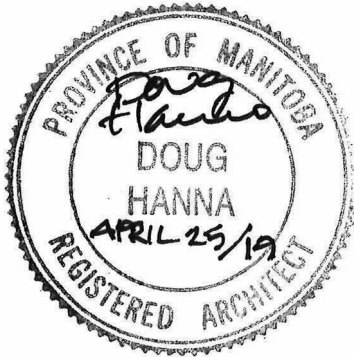
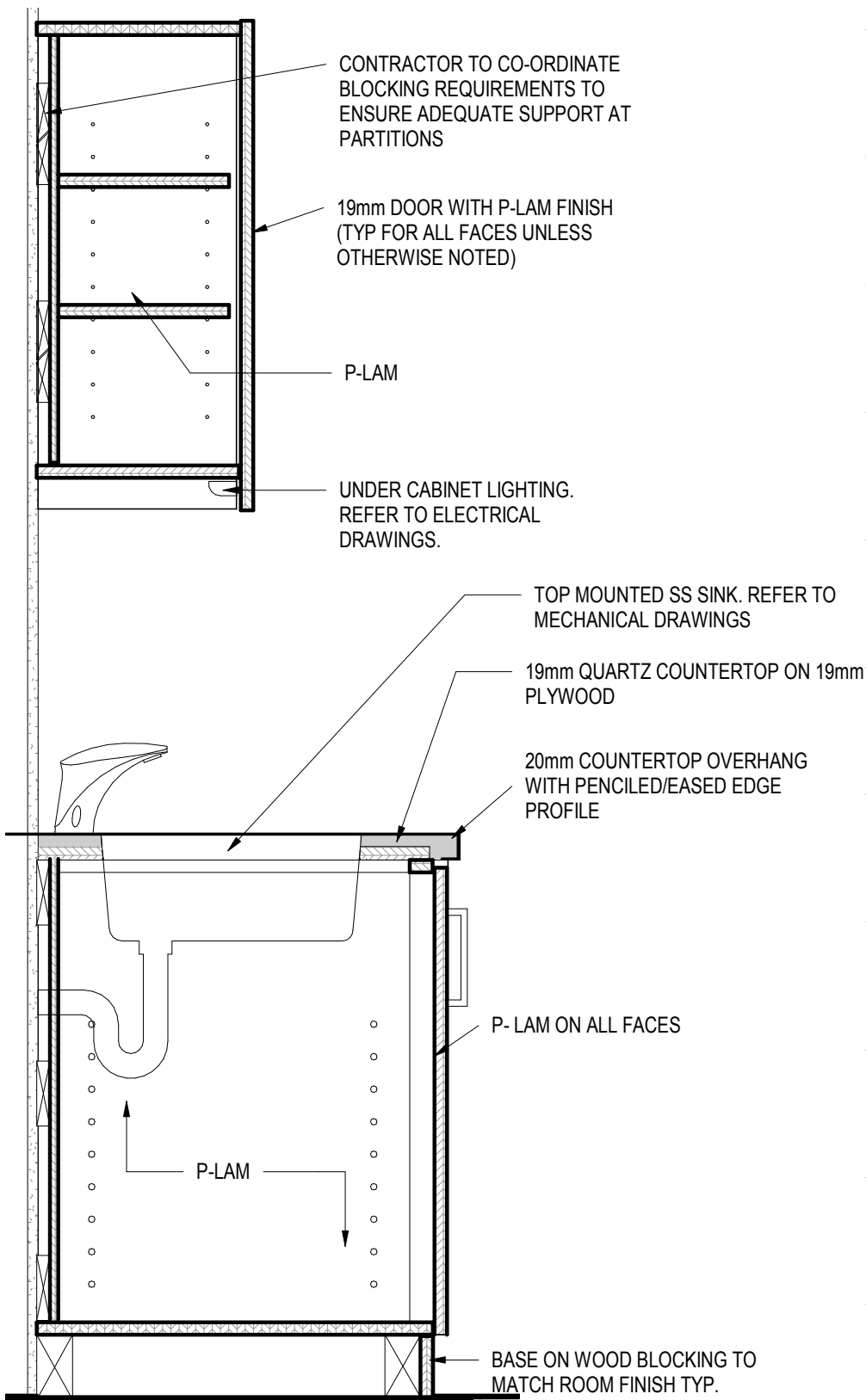
drawing
9/A903 - MILLWORK
DETAILS


Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	SC	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet

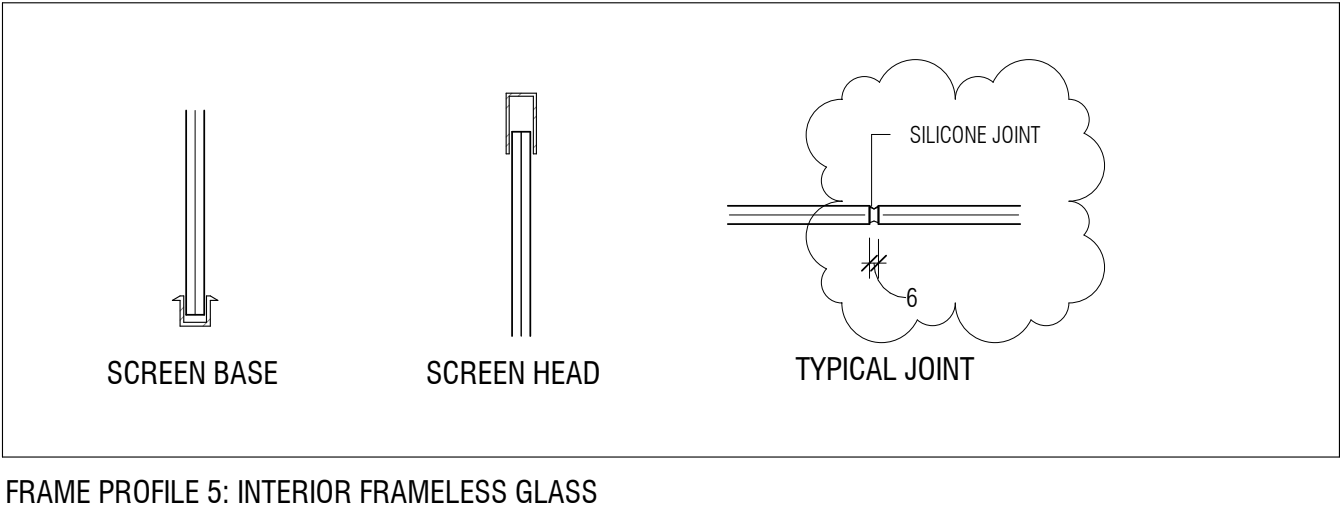
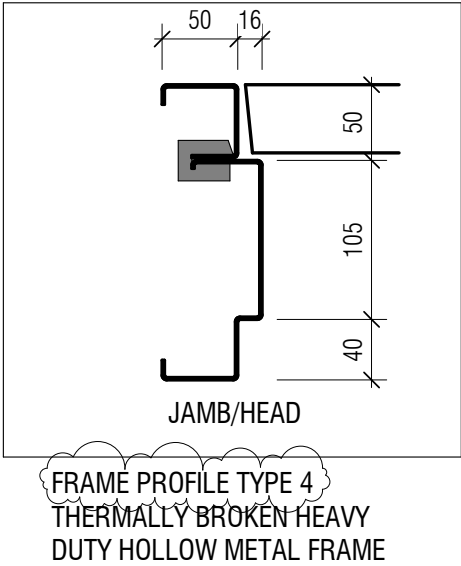
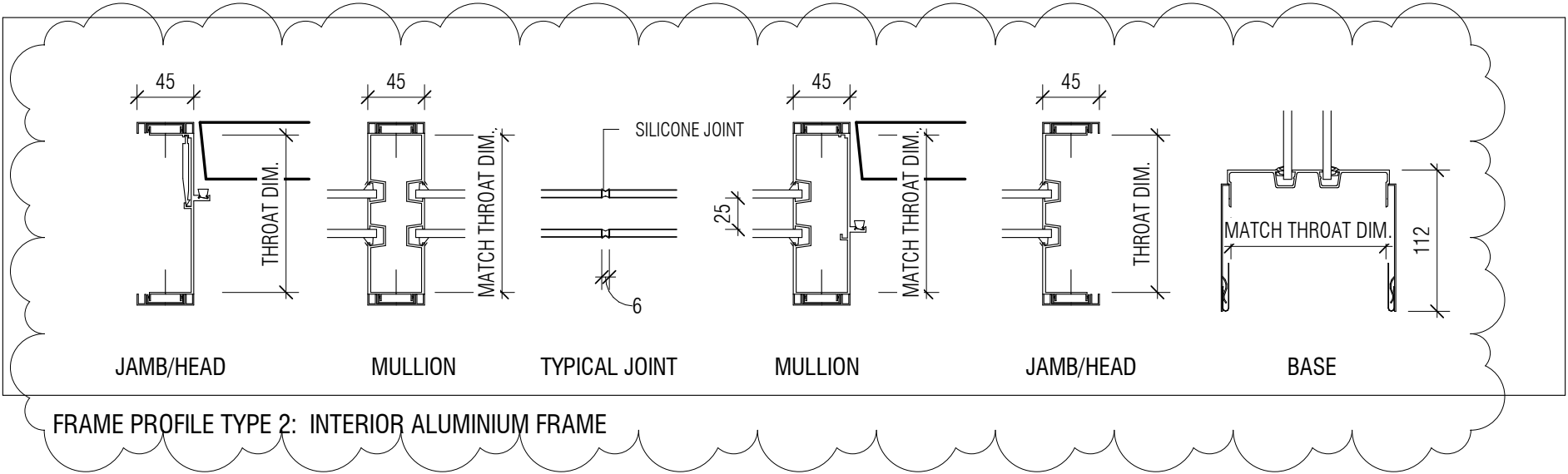
R.076948.001

Drawing no. No. du dessin

DA-060



project	projet	NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	Designed By	CL/MK/CL/AP	Conçu par		Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada	
			Date	2019/04/25	(yyyy/mm/dd)				
			Drawn By	SC	Dessiné par				
			Date	2019/04/25	(yyyy/mm/dd)				
drawing	dessin	15/A903 - MILLWORK DETAILS	Reviewed By	DH/JF	Examiné par	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest		
			Date	2019/04/25	(yyyy/mm/dd)				
			Approved By	DH/JF	Approuvé par				
			Date	2019/04/25	(yyyy/mm/dd)				
			Tender	KEVIN GALLAYS	Soumission				
			Project Manager		Administrateur de projets				
						Project no.	No. du projet		
						R.076948.001			
						Drawing no.	No. du dessin		
						DA-061			



Canada

Public Works and
Government Services
Canada

REAL PROPERTY
SERVICES
Western Region

Travaux publics et
services gouvernementaux
Canada

SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
revisions	description	date

A

C

A detail no.
no. du détail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

A

B

C

project

projet

NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG

Red Fife Road, Winnipeg, Manitoba

drawing

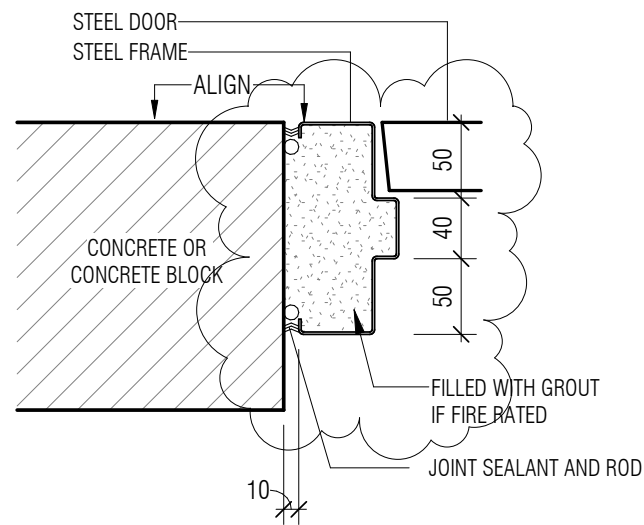
dessin

REVISION TO 1/A1000
FRAME PROFILES

Designed By	MK/CL/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	MK	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager		Administrateur de projets
Project no.		No. du projet
	R.076948.001	
Drawing no.		No. du dessin
	DA-062	

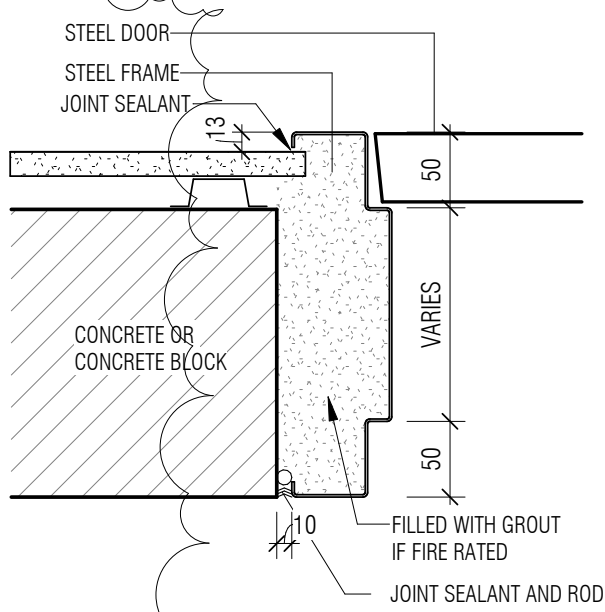
PWGSC 11X17 (431x279)

HM CONCRETE/CMU



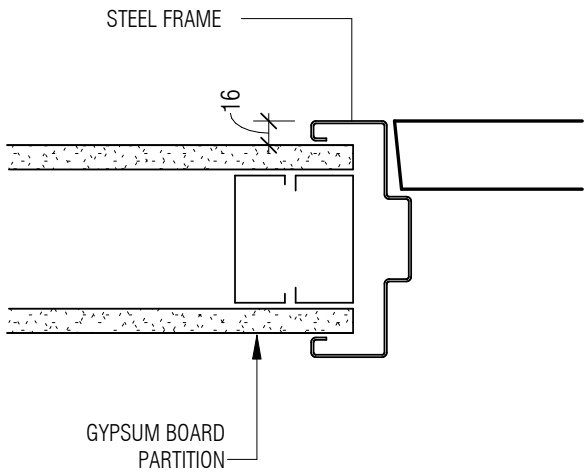
D1

GERNERAL NOTE: WALLS SHOWN HERE ARE FOR REFERENCE ONLY. REFER TO FLOOR PLANS FOR WALL TYPES. REFER TO LIFE SAFETY PLANS FOR LOCATIONS OF RATED WALLS AND DOORS/SCREENS THERE IN.



D2

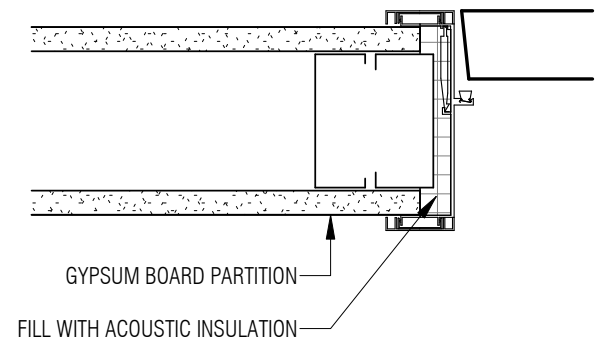
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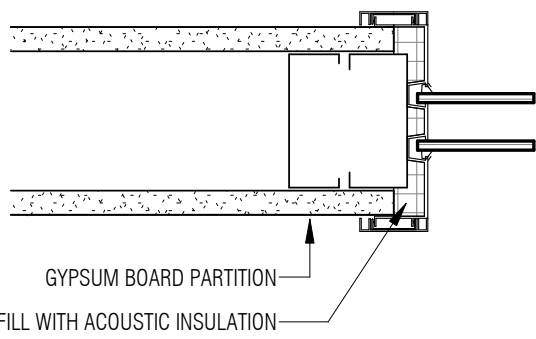
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INTERIOR ALUMINUM FRAMES

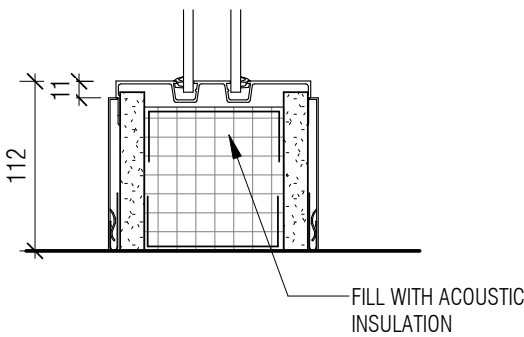
D6



D6.1



D6.2



D6.3

Canada



Public Works and
Government Services
Canada
REAL PROPERTY
SERVICES
Western Region
Travaux publics et
services gouvernementaux
Canada
SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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A C	A detail no. no. du detail B location drawing no. sur dessin no. C drawing no. dessin no.	A B C
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project	projet
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NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG
Red Fife Road, Winnipeg, Manitoba

drawing	dessin
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REVISION TO 2/A1000
DOOR FRAME DETAILS

Designed By	CL/MK/CL/AP	Conçu par
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Date	2019/04/25	(yyyy/mm/dd)
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Drawn By	MK	Dessiné par
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Date	2019/04/25	(yyyy/mm/dd)
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Reviewed By	DH/JF	Examiné par
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Date	2019/04/25	(yyyy/mm/dd)
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Approved By	DH/JF	Approuvé par
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Date	2019/04/25	(yyyy/mm/dd)
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Tender	KEVIN GALLAYS	Soumission
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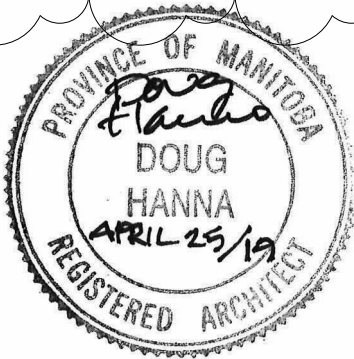
Project Manager	Administrateur de projets
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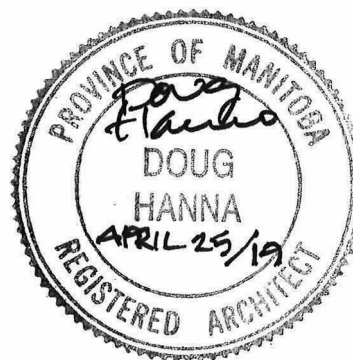
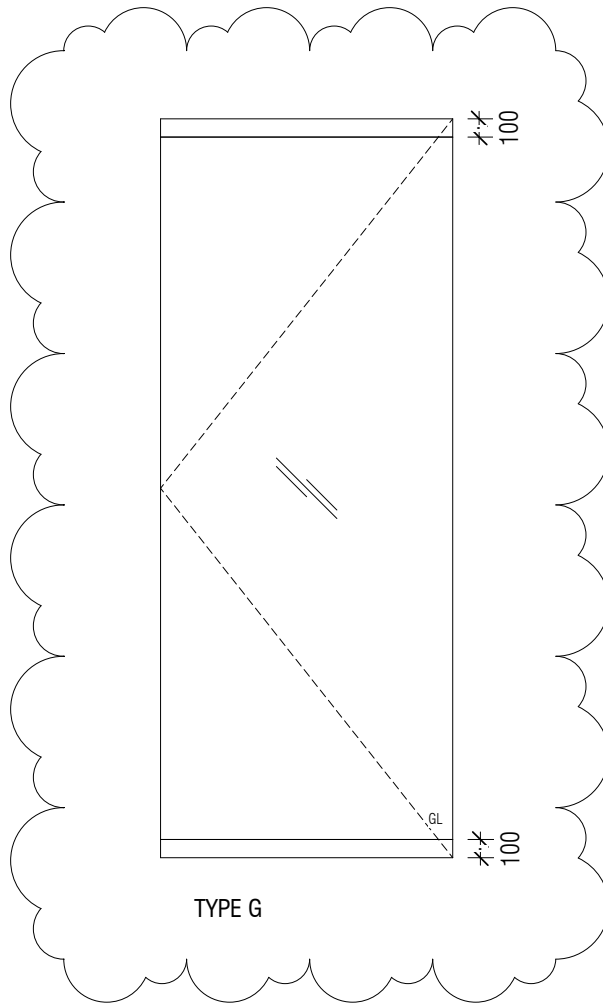
Project no.	No. du projet
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R.076948.001

Drawing no.	No. du dessin
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DA-063





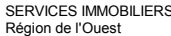
<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By MK/CL/CL/AP Conçu par Date 2019/04/25 (yyyy/mm/dd) Drawn By Author Dessiné par Date 2019/04/25 (yyyy/mm/dd) Reviewed By DH/JF Examiné par Date 2019/04/25 (yyyy/mm/dd) Approved By DH/JF Approuvé par Date 2019/04/25 (yyyy/mm/dd) Tender Soumission KEVIN GALLAYS Project Manager Administrateur de projets</p>	<p> Public Works and Government Services Canada Travaux publics et services gouvernementaux Canada</p> <p>REAL PROPERTY SERVICES SERVICES IMMOBILIERS Western Region Région de l'Ouest</p>
<p>drawing</p> <p>REVISION TO 4/A1000 DOOR TYPES</p>		<p>Project no. No. du projet R.076948.001</p> <p>Drawing no. No. du dessin DA-064</p>

000A.1	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.2	SINGLE	SERVICE CORRIDOR	1170	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.3	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.4	SINGLE	SERVICE CORRIDOR	1170	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.5	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.6	SINGLE	SERVICE CORRIDOR	1170	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.7	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.8	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.10	SINGLE	SERVICE CORRIDOR	1170	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
000A.11	SINGLE	SERVICE CORRIDOR	965	1250	A	45	HM	PT	-		F1	HM	PT	-	1	D1									1	1 HR	
100A	SINGLE	ENTRY VESTIBULE	1101	2673	J	45	-	ANOD	-		-	ALUM	ANOD	GL33											2		GLAZED ALUMINUM CURTAIN WALLS
100A.1	SINGLE	ENTRY VESTIBULE	993	2640	J	45	-	ANOD			-	ALUM	ANOD	GL33	5										3		
100B	DOUBLE	PUBLIC CORRIDOR	1965	2550	G	45	-	ANOD	GL33		-	SS		GL33	5										4		DOUBLE EGRESS, FRAMELESS GLASS SCREEN, PIVOT DOORS, REFER 6/A800
100C	DOUBLE	CORRIDOR	2100	2750	B	45	HM	PT	GL60		F1	HM	PT	-	1	D5									5	0 HR	
100D	SINGLE	CORRIDOR	1100	2440	B	45	HM	PT	GL60		F1	HM	PT	-	4	D5									6	1 HR	
100E	SINGLE	LAB CORRIDOR	1050	2350	C	45	HM	PT	GL60		F3	HM	PT	GL60	1	D5	2000			0	1				7	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100F	DOUBLE	LAB CORRIDOR	2100	2350	B	45	HM	PT	GL60		F1	HM	PT	-		D5									8	0 HR	
100G	SINGLE	LAB CORRIDOR	1100	2440	J	45	HM	PT	GL33		F1	HM	PT	-	4	D5									9		
100G.01	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	2000	1000		0	1				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.02	SCREEN	SCANNING ELECTRON MICROSCOPE					-	-	-		F5	HM	PT	GL60		D5	2000	1000		0	1				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.03	SCREEN	MODULAR LAB - SMALL					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.04	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.05	SCREEN	LAB STORAGE, SMALL					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.06	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.07	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.08	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.09	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.10	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.11	SCREEN	LAB CORRIDOR					-	-	-		F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100G.12	SCREEN	LAB CORRIDOR					-	-			F5	HM	PT	GL60		D5	4400	1000		0	3				1 HR		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
100H	SINGLE	LAB CORRIDOR	1100	2350	J	45	HM	PT	GL33		F1	HM	PT	-	4	D5									10		

PROVINCE OF MANITOBA
Doug Hanna
 DOUG
 HANNA
 APRIL 25/19
 REGISTERED ARCHITECT

PROVINCE OF MANITOBA
Sydney E. Browne
 SYDNEY E.
 BROWNE
 APRIL 23, 2017
 REGISTERED ARCHITECT

117.2	OVERHEAD	PILOT PLANT	3200	4400	OH1		-	-	-		-	-	-										1 HR		
117.11	SINGLE	PILOT PLANT	965	2150	A	45	HM	PT	-		F1	HM	PT	-	1	D5							25	1 HR	
118	SINGLE	PILOT PLANT/HIGH BAY	1100	2750	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							27	1 HR	
118.01	OVERHEAD	PILOT PLANT/HIGH BAY	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
119	SINGLE	MODULAR LAB - SMALL	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
119.1	OVERHEAD	MODULAR LAB - SMALL	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
119.2	SINGLE	MODULAR LAB - SMALL	1100	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	7600		1200	3			28	1 HR	
120	SINGLE	MODULAR LAB - LARGE	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
120.1	OVERHEAD	MODULAR LAB - LARGE	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
121	SINGLE	MODULAR LAB - SMALL	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
121.1	OVERHEAD	MODULAR LAB - SMALL	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
121.2	SINGLE	MODULAR LAB - SMALL	1100	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	7600		1200	3			28	1 HR	
122	SINGLE	MODULAR LAB - LARGE	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
122.1	OVERHEAD	MODULAR LAB - LARGE	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
123	SINGLE	LAB STORAGE, SMALL	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
123.1	OVERHEAD	LAB STORAGE, SMALL	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
124	SINGLE	BOND METAL & LASER POWDER BED	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
124.1	OVERHEAD	BOND METAL & LASER POWDER BED	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
125	SINGLE	WET LAB	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
125.1	OVERHEAD	WET LAB	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
125.2	SINGLE	WET LAB	1100	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	7600		1200	3			28	1 HR	
126	SINGLE	MODULAR LAB - SMALL	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
126.1	OVERHEAD	MODULAR LAB - SMALL	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
127	SINGLE	MECHANICAL TESTING LAB	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
127.1	OVERHEAD	MECHANICAL TESTING LAB	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		
127.2	SINGLE	MECHANICAL TESTING LAB	1100	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D5	7400		1200	3			28	1 HR	
128	SINGLE	MACHINE SHOP	1050	2750	A	45	HM	PT	-		F3	HM	PT	GL60	1	D4	2000		0	1			25	1 HR	AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
128.1	OVERHEAD	MACHINE SHOP	3200	4400	OH1		-	-	-		-	-	-	-									1 HR		



Drawing no. No. du dessin




202C.01	SCREEN	OPEN WORKSTATION, FIXED					-	-	-		F5	HM	PT	GL33	1	D4	5000	1400	0	5				1 HR	
202D	SINGLE	QUIET ROOM	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	1500		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202D.01	SCREEN	QUIET ROOM					-	-	-		F5	HM	PT	GL33	1	D4	1000	1400	0	1					
202E	SINGLE	QUIET ROOM	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	1500		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202E.01	SCREEN	QUIET ROOM					-	-	-		F5	HM	PT	GL33	1	D4	1000	1400	0	1					
202F.01	SCREEN	PUBLIC CORRIDOR					-	-	-		F5	HM	PT	GL33	1	D4	5000	1400	0	5					AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202F.02	SCREEN	OPEN WORKSTATION, FIXED					-	-	-		F5	HM	PT	GL33	1	D4	4000	1400	0	4					
202G	SINGLE	SHARED EQUIPMENT AREA	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	1500		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202G.01	SCREEN	SHARED EQUIPMENT AREA					-	-	-		F5	HM	PT	GL33	1	D4	2000	1400	0	2					
202H	SINGLE	ENCLOSED OFFICE EX-2/3	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	3800		0	2			39		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202K	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202L	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202M	SINGLE	MEETING, MEDIUM	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	4900		0	3			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202N	SINGLE	ENCLOSED OFFICE EX-4	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202P	SINGLE	MEETING, 10 PERSON	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	3800		0	2			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202Q	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202R	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202S	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
202T	SINGLE	ENCLOSED OFFICE EX-1	1050	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2300		0	1			40		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
205	SINGLE	MECHANICAL ROOM	1100	2440	C	45	HM	PT	GL60		F1	HM	PT		1	D5							19	1 HR	
206	SINGLE	COLLABORATIVE SPACES	965	2440	A	45	WD	PT	-		F3	ALUM	ANOD	GL41	2	D6	1800		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
207A	SINGLE	WC VESTIBULE	1050	2440	A	45	WD	PT	-		F1	HM	PT		1	D4							13		
207B	SINGLE	WC VESTIBULE	1050	2440	A	45	WD	PT	-		F1	HM	PT		1	D4							13		
208	SINGLE	COLLABORATIVE SPACES	965	2440	A	45	WD	CLR	-		F3	ALUM	ANOD	GL41	2	D6	2500		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
209	SINGLE	MEETING, SMALL	965	2440	A	45	WD	PT	-		F3	ALUM	ANOD	GL41	2	D6	2800		0	1			38		AF1 - APPLIED FILM ON GLAZING AT 1500mm AFF
210	SINGLE	MEETING, SMALL	965	2440	A	90	HM	PT	-		F1	HM	PT	-	1	D4							41		(STC 52), WOOD VENEERED

 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada	
REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest	

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
revisions	description	date



A detail no.
no. du detail

B location drawing no.
sur dessin no.

C drawing no.
dessin no.



project	projct
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NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG

Red Fife Road, Winnipeg, Manitoba

drawing	dessin
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REVISION TO A1000 DOOR SCHEDULE TYPES DETAILS

Designed By	CL/MK/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	MK	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender		Soumission

KEVIN GALLAYS

Project Manager	Administrateur de projets
Project no.	No. du projet

R.076948.001

Drawing no.	No. du dessin
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DA-069

DOOR											FRAME						SCREEN					HARDWARE SET	FIRE RATING	REMARKS
DOOR NUMBER	DOOR	LOCATION	REBATE WIDTH	REBATE HEIGHT	DOOR TYPE	THICKNESS	MATERIAL	FINISH	GLASS	GRILLE	TYPE	MATERIAL	FINISH	GLASS	PROFILE	DETAIL	LENGTH	HEIGHT	SILL HEIGHT	# PANELS SIDE 1	# PANELS SIDE 2	SIDE 2 WIDTH		

211	SINGLE	MEETING, SMALL	965	2440	A	45	WD	PT	-		F3	ALUM	ANOD	GL41	1	D6	2800		0	1			38		
213	SINGLE	UNIVERSAL WC	1050	2440	A	45	WD	CLR	-		F1	HM	PT	-	2	D4							48		
214	SINGLE	JANITORIAL	1050	2440	A	45	HM	PT	-		F1	HM	PT	-	1	D4							20	0 HR	
215	SINGLE	STAIR F	1100	2350	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							36	1 HR	
215A	SINGLE	VESTIBULE	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							42	1 HR	
215A.1	SINGLE	ELECTRICAL ROOM	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							19	1 HR	
217	SINGLE	PILOT PLANT	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							36	1 HR	
B01	SINGLE	STAIR B	1100	2440	A	45	HM	PT	-		F1	HM	PT	-	4								6	1 HR	
B01.1	SINGLE	STAIR B	1100	2350	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							43	1 HR	
B02	SINGLE	STAIR B	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D4							43	1 HR	
D00	SINGLE	SERVICE CORRIDOR	1100	2440	A	45	HM	PT	-		F1	HM	PT	-	1	D5							44	1 HR	
D01	SINGLE	STAIR D	1100	2440	C	45	HM	PT	-		F1	HM	PT	-	4								9		
D01.1	SINGLE	STAIR D	1100	2150	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							45	1 HR	
D01A	SINGLE	STAIR D VESTIBULE	1100	2150	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							36	1 HR	
D02	SINGLE	STAIR D	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							43	1 HR	
E00	SINGLE	SERVICE CORRIDOR	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							44	1 HR	
E01	SINGLE	STAIR E	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	4								6	1 HR	
E02	SINGLE	STAIR E	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D4							43	1 HR	
E02.1	SINGLE	STAIR E	1100	2440	C	45	HM	PT	GL60		F1	HM	PT	-	1	D5							45	1 HR	
GATE	SINGLE	LAB CORRIDOR	965	2150	A	38	HM	PT	-		F1	HM	PT	-											CHAINLINK FENCE GATE

Canada



Public Works and
Government Services
Canada

Travaux publics et
services gouvernementaux
Canada

REAL PROPERTY
SERVICES
Western Region

SERVICES IMMOBILIERS
Région de l'Ouest

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

1	ISSUED FOR ADDENDUM NO.1	2019/04/25
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revisions	description	date
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A

C

A detail no.
no. du detail

A

B

C

B location drawing no.
sur dessin no.

C drawing no.
dessin no.

project

projet

NRC ADVANCED
MANUFACTURING
PROGRAM (AMP) -
WINNIPEG

Red Fife Road, Winnipeg, Manitoba

drawing

dessin

REVISION TO A1000
DOOR SCHEDULE TYPES
DETAILS

Designed By CL/MK/CL/AP

Conçu par

Date 2019/04/25

(yyyy/mm/dd)

Drawn By MK

Dessiné par

Date 2019/04/25

(yyyy/mm/dd)

Reviewed By DH/JF

Examiné par

Date 2019/04/25

(yyyy/mm/dd)

Approved By DH/JF

Approuvé par

Date 2019/04/25

(yyyy/mm/dd)

Tender

Soumission

Project Manager KEVIN GALLAYS

Administrateur de projets

Project no.

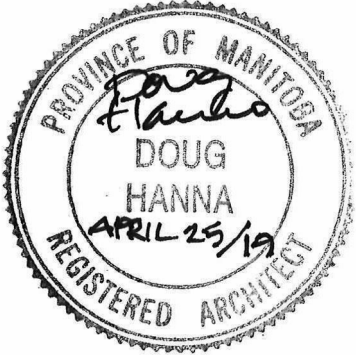
No. du projet

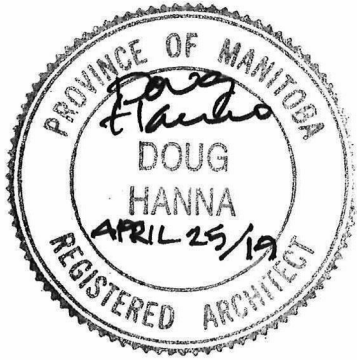
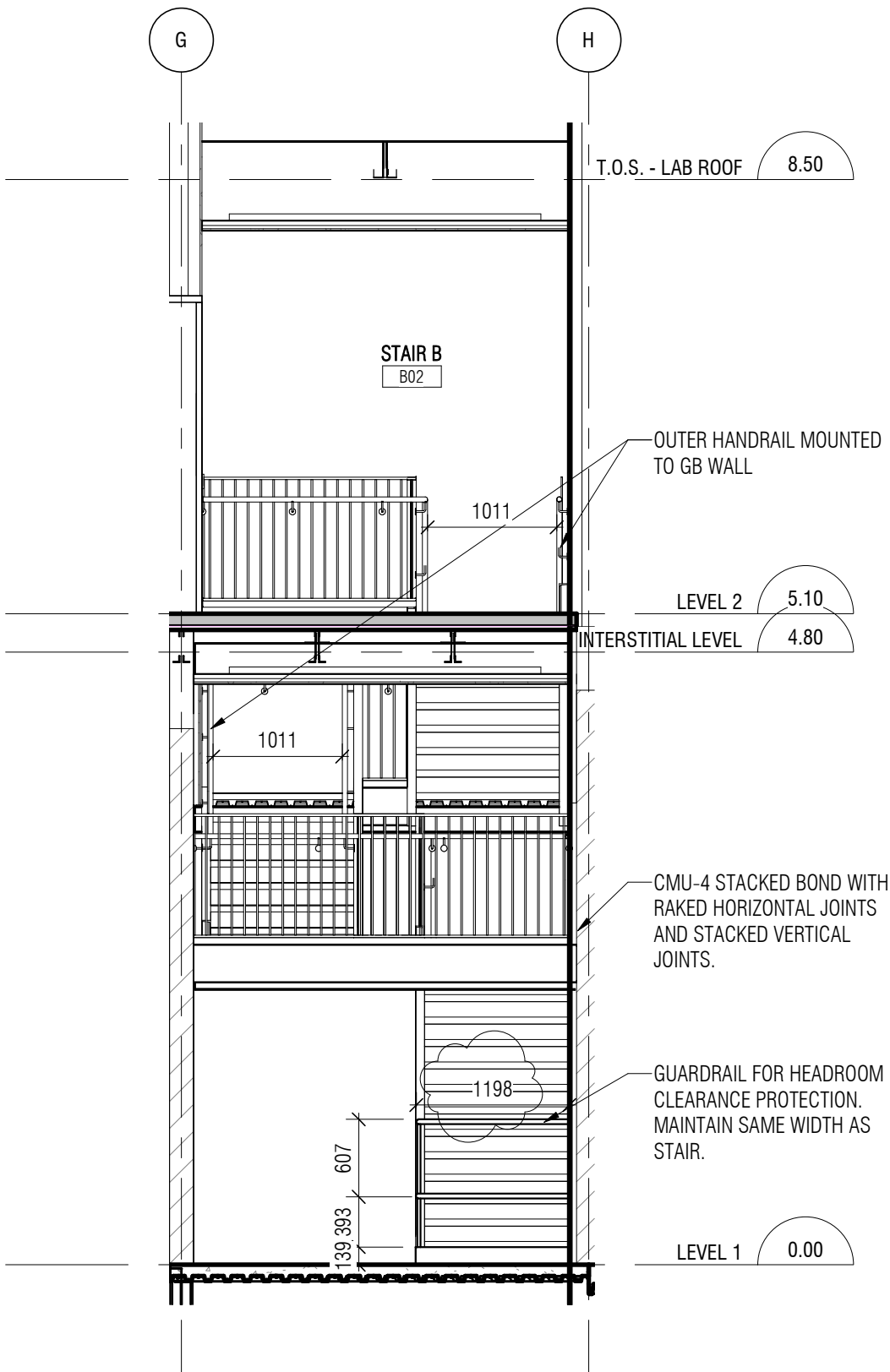
R.076948.001


Drawing no.

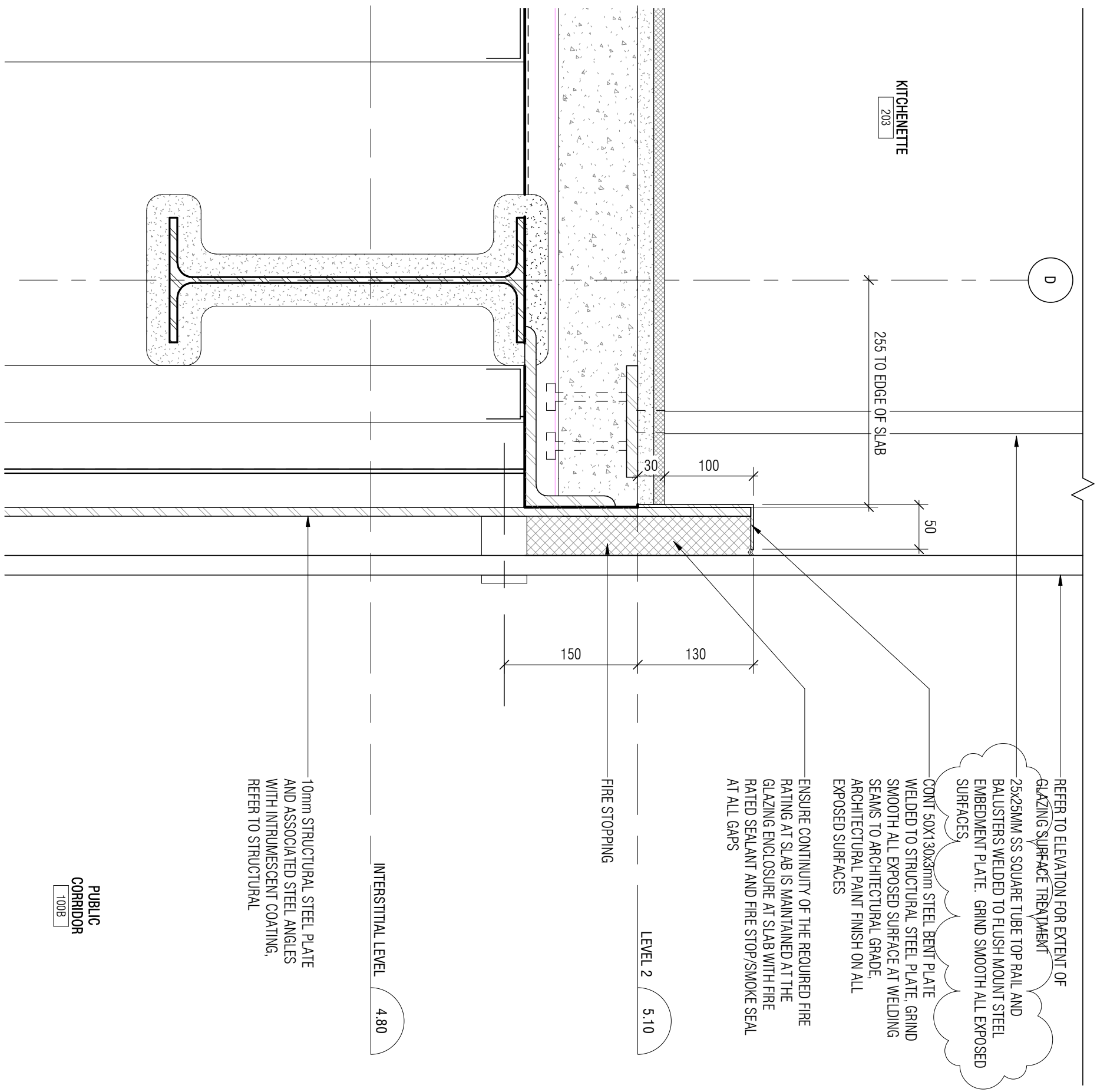
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DA-070

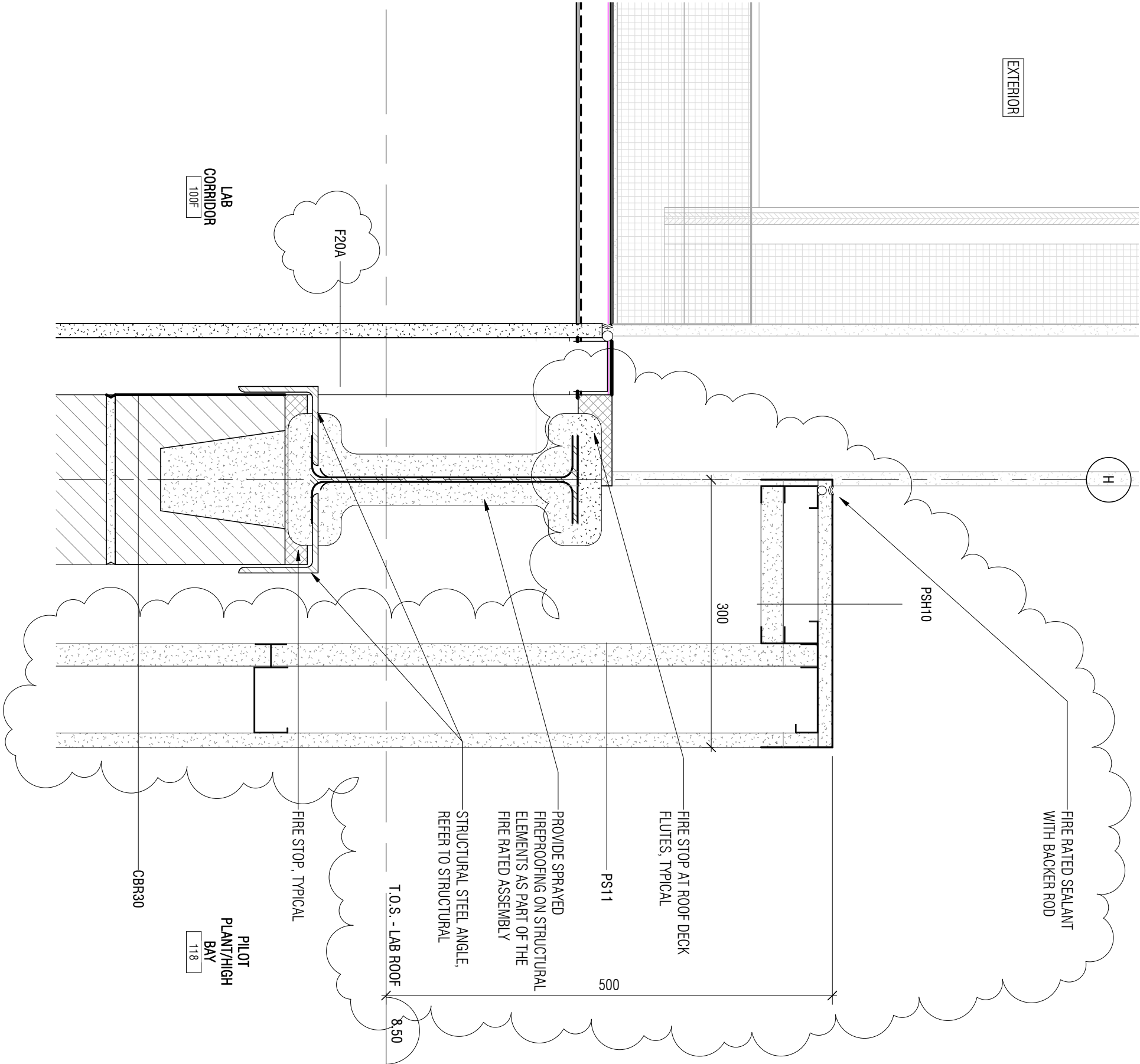







project NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	project	Designed By	CL/MK/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada	
		Date	2019/04/25	(yyyy/mm/dd)			
		Drawn By	SC	Dessiné par			
		Date	2019/04/25	(yyyy/mm/dd)			
drawing 10/A701 - STAIR PLANS AND SECTIONS	dessin	Reviewed By	DH/JF	Examiné par	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest	
		Date	2019/04/25	(yyyy/mm/dd)			
		Approved By	DH/JF	Approuvé par			
		Date	2019/04/25	(yyyy/mm/dd)			
		Tender	KEVIN GALLAYS	Soumission	Project no.	No. du projet	
		Project Manager	Administrateur de projets				
					R.076948.001		
					Drawing no.		No. du dessin
					DA-071		

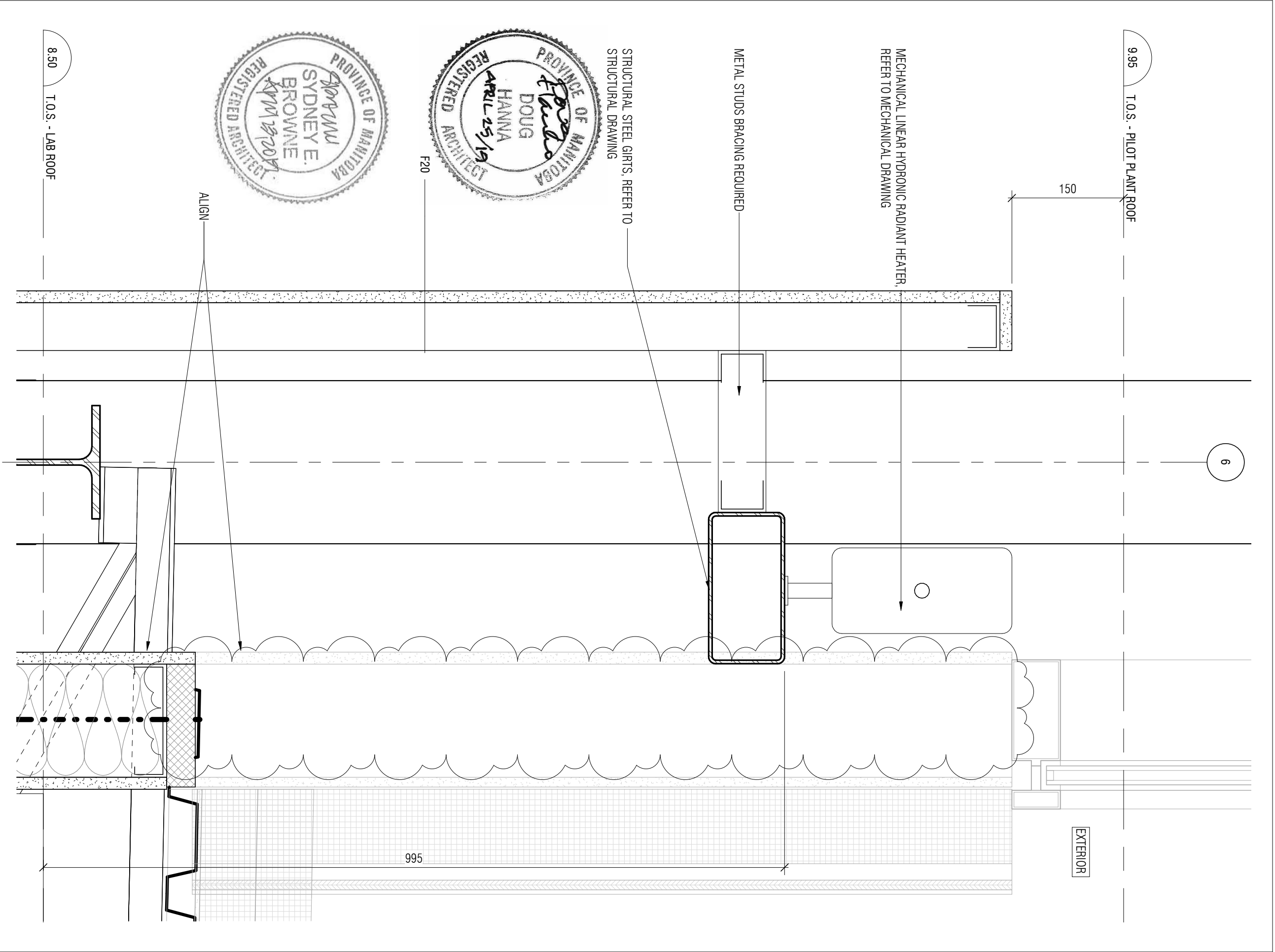




project	project	Designed By	MM/CL/CL/AP	Conçu par	<div>Public Works and Government Services Canada</div> <div>Travaux publics et services gouvernementaux Canada</div> <div>REAL PROPERTY SERVICES Western Region</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>
		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender		Soumission	
Project Manager		KEVIN GALLAYS	Administrateur de projets	Drawing no. No. du dessin	
PARTIAL 1/A814 - INTERIOR SECTION DETAILS		DA-072			

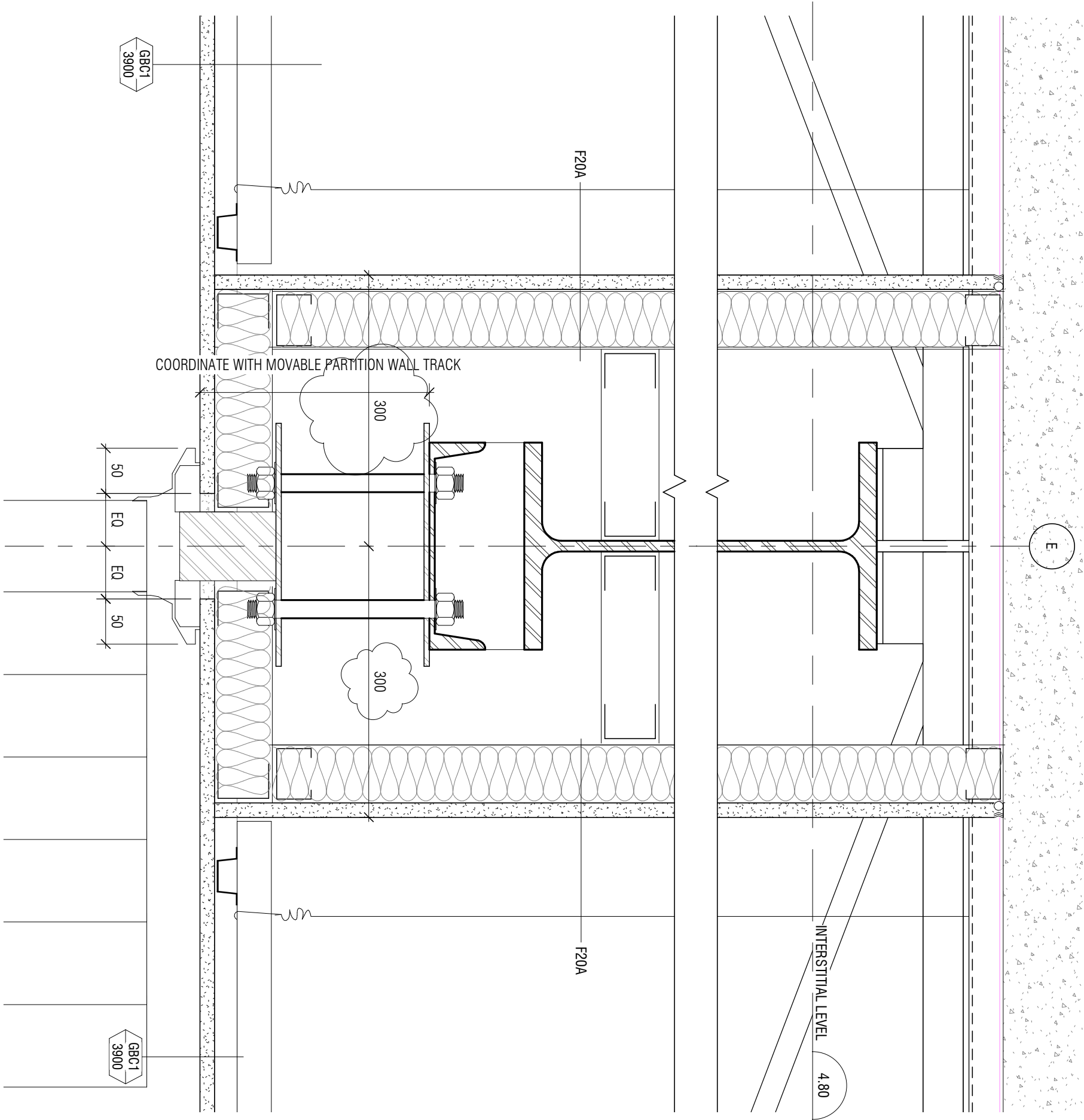



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		Date	2019/04/25	(yyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
					Drawing no.	No. du dessin
					DA-073	

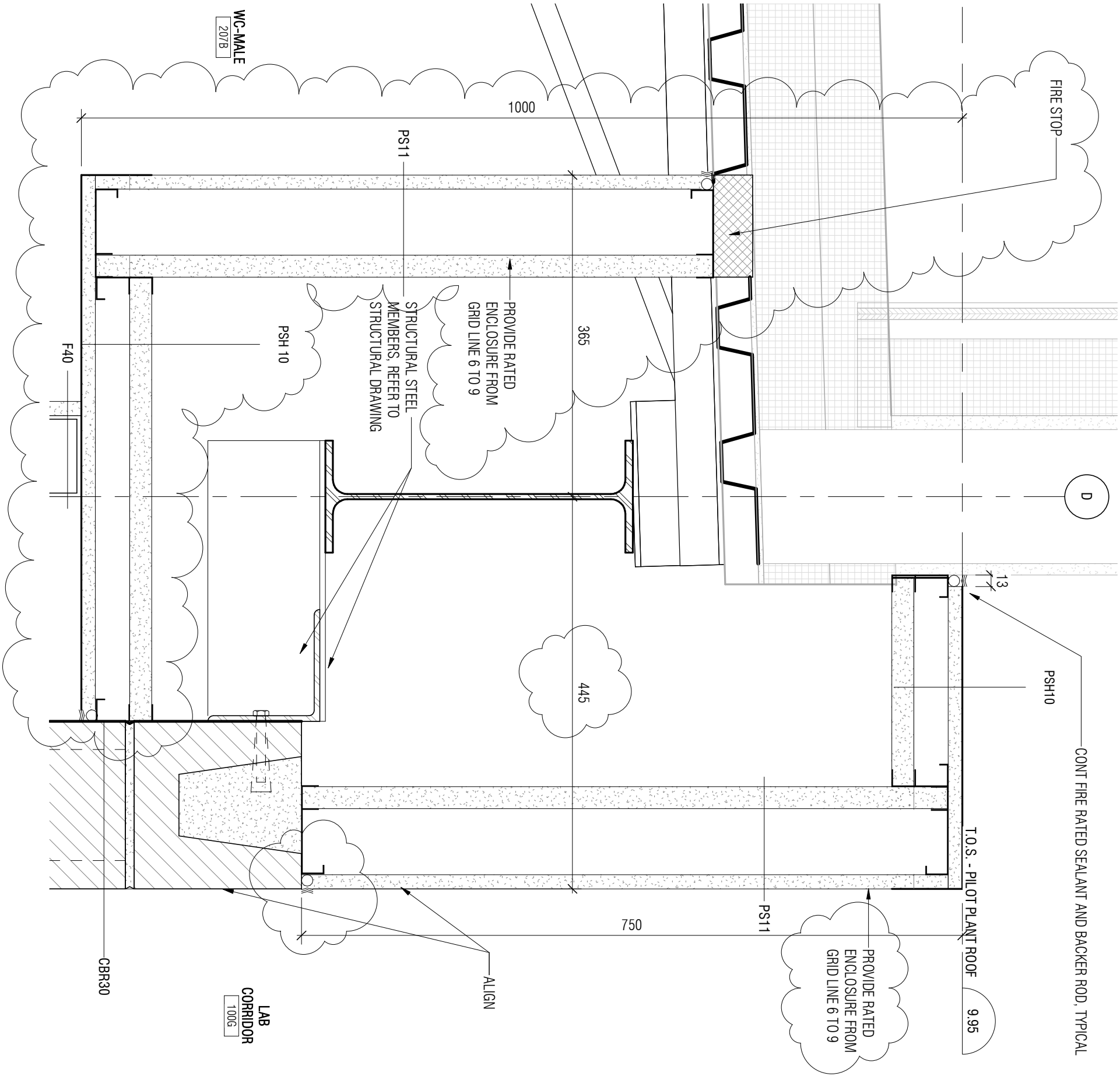
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		Date	2019/04/25	(yyyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyyy/mm/dd)		
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no.	No. du projet
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender		Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
PARTIAL 7/A814 - INTERIOR SECTION DETAILS			Drawing no.	DA-074	No. du dessin	




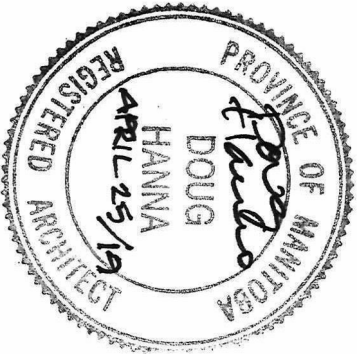
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		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. R.076948.001 No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender		Soumission	
		Project Manager	KEVIN GALLAYS	Administrateur de projets	
PARTIAL 7/A814 - INTERIOR SECTION DETAILS		Drawing no. DA-075		No. du dessin	

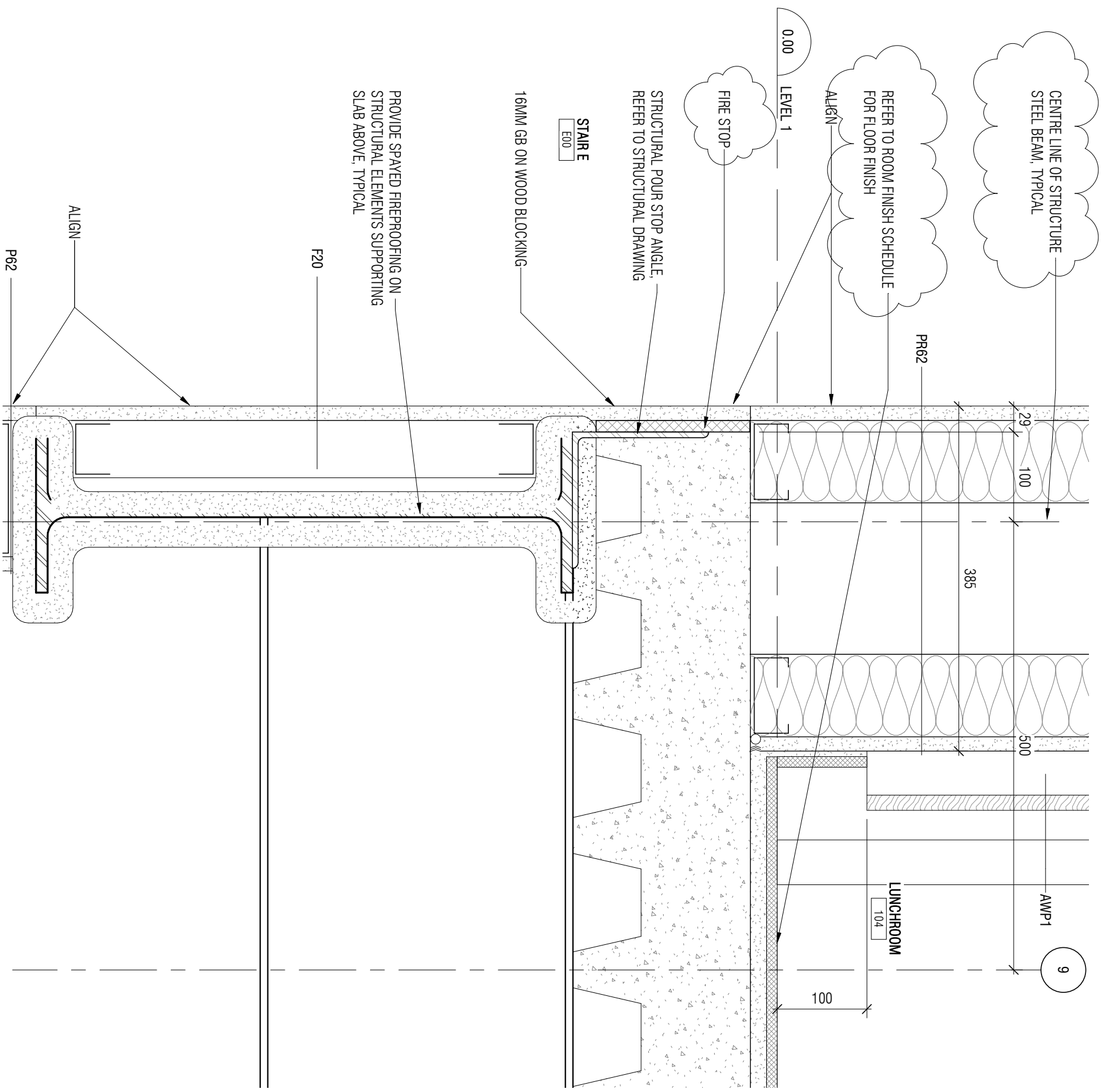



project	projet	Designed By	MK/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
		Date	2019/04/25	(yyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Submission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
					Drawing no.	No. du dessin
					DA-076	

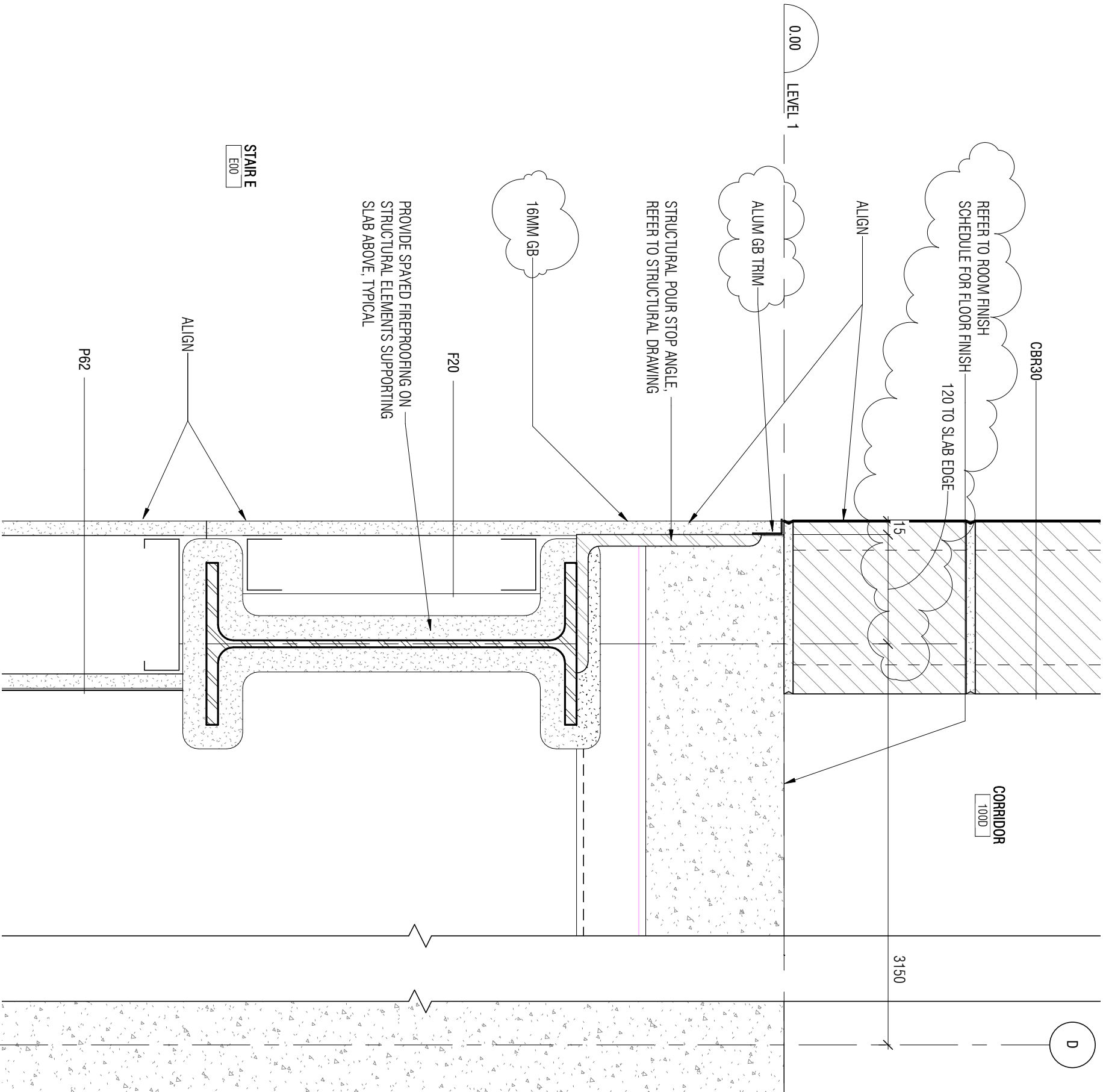



project	projet	Designed By	MK/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
		Date	2019/04/25	(yyy/mm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
					Drawing no.	No. du dessin
					DA-077	





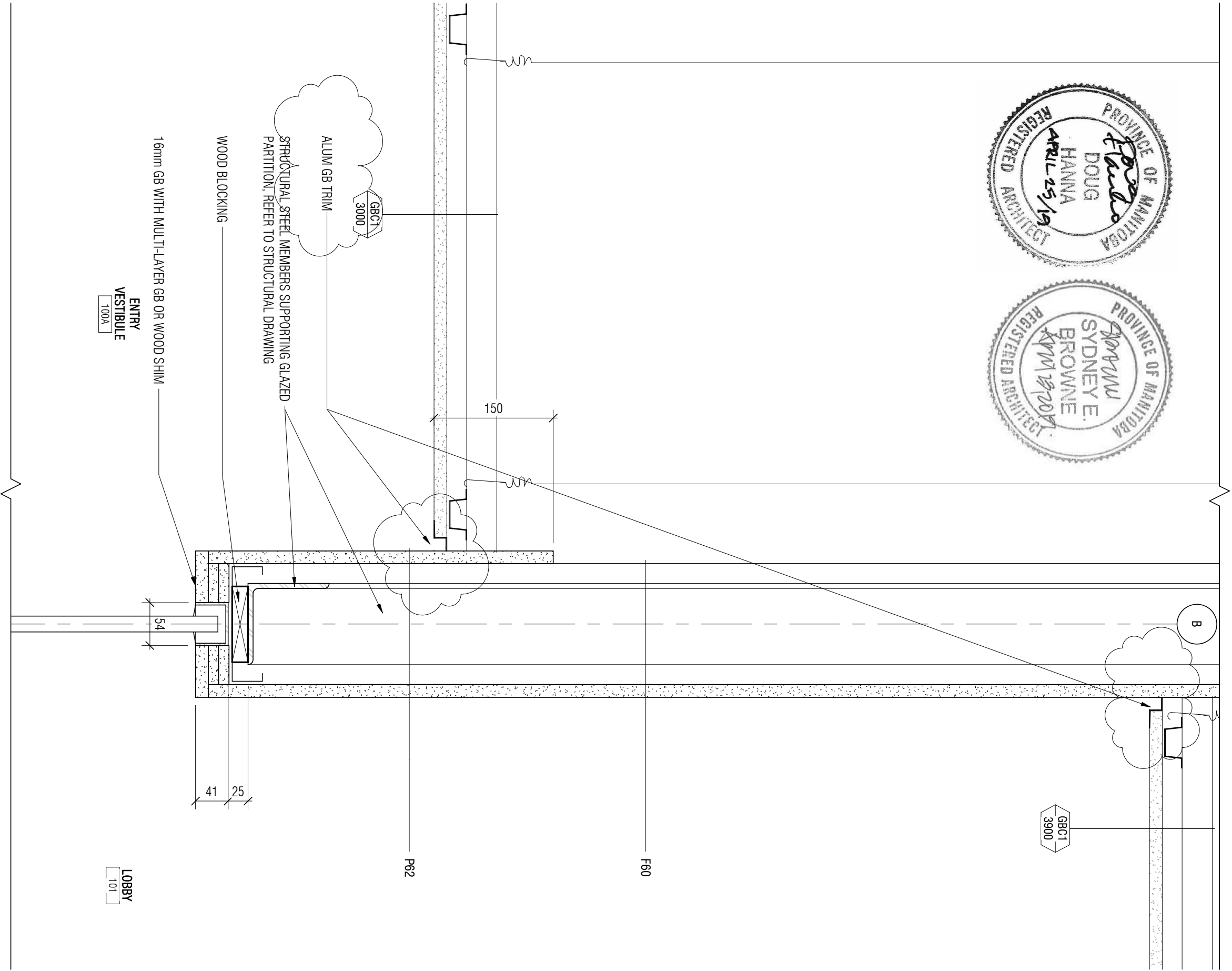
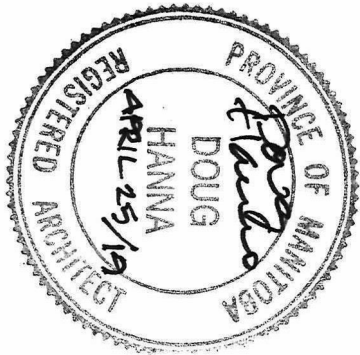
project	project	Designed By	MM/CL/CL/AP	Conçu par	<div> Public Works and Government Services Canada</div> <div>REAL PROPERTY SERVICES Western Region</div> <div>Travaux publics et services gouvernementaux Canada</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>
		Date	2019/04/25	(yyyy/mm/dd)	
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		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	Administrateur de projets		
Drawing no. DA-078					No. du dessin




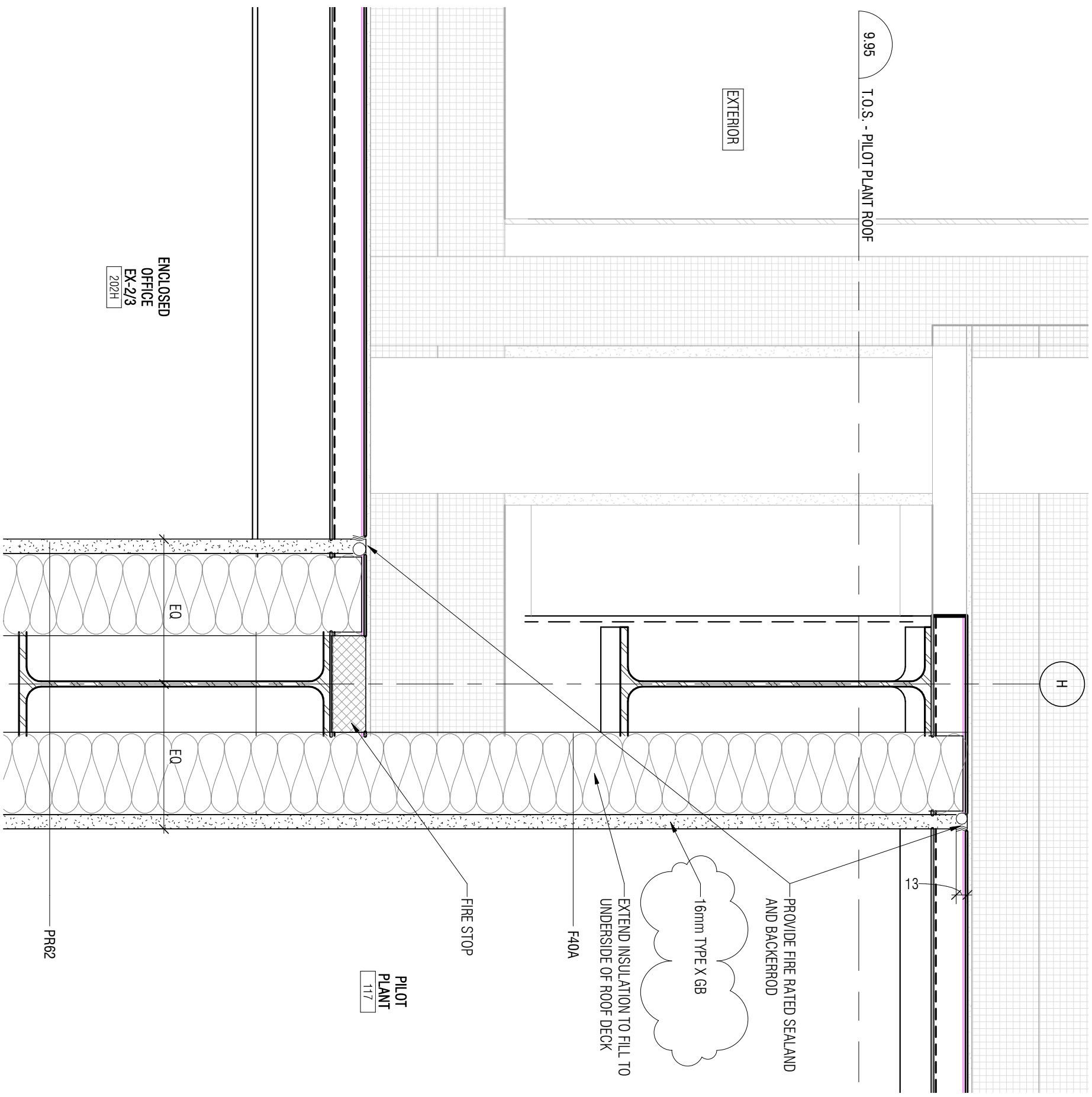
project	projet	Designed By	MKG/CL/CL/AP	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
		Date	2019/04/25	(yyyymm/dd)		
		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyyymm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyyymm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyyymm/dd)		
		Tender	KEVIN GALLAYS	Submission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		


project	projet	Project no.	No. du projet
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG		R.076948.001	
Red Fife Road, Winnipeg, Manitoba			

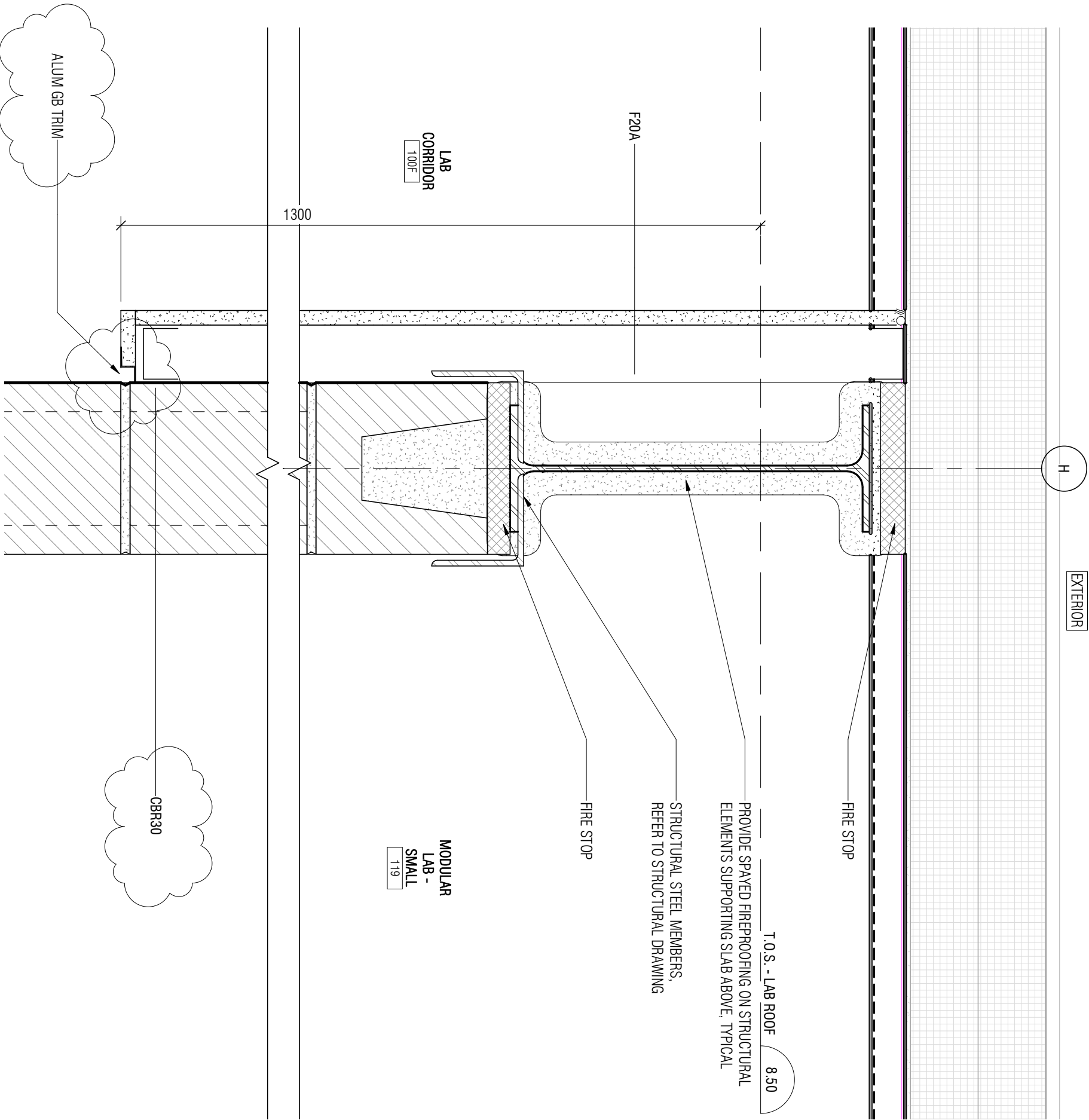
drawing	dessin	Drawing no.	No. du dessin
6/A815 - INTERIOR SECTION DETAILS		DA-079	




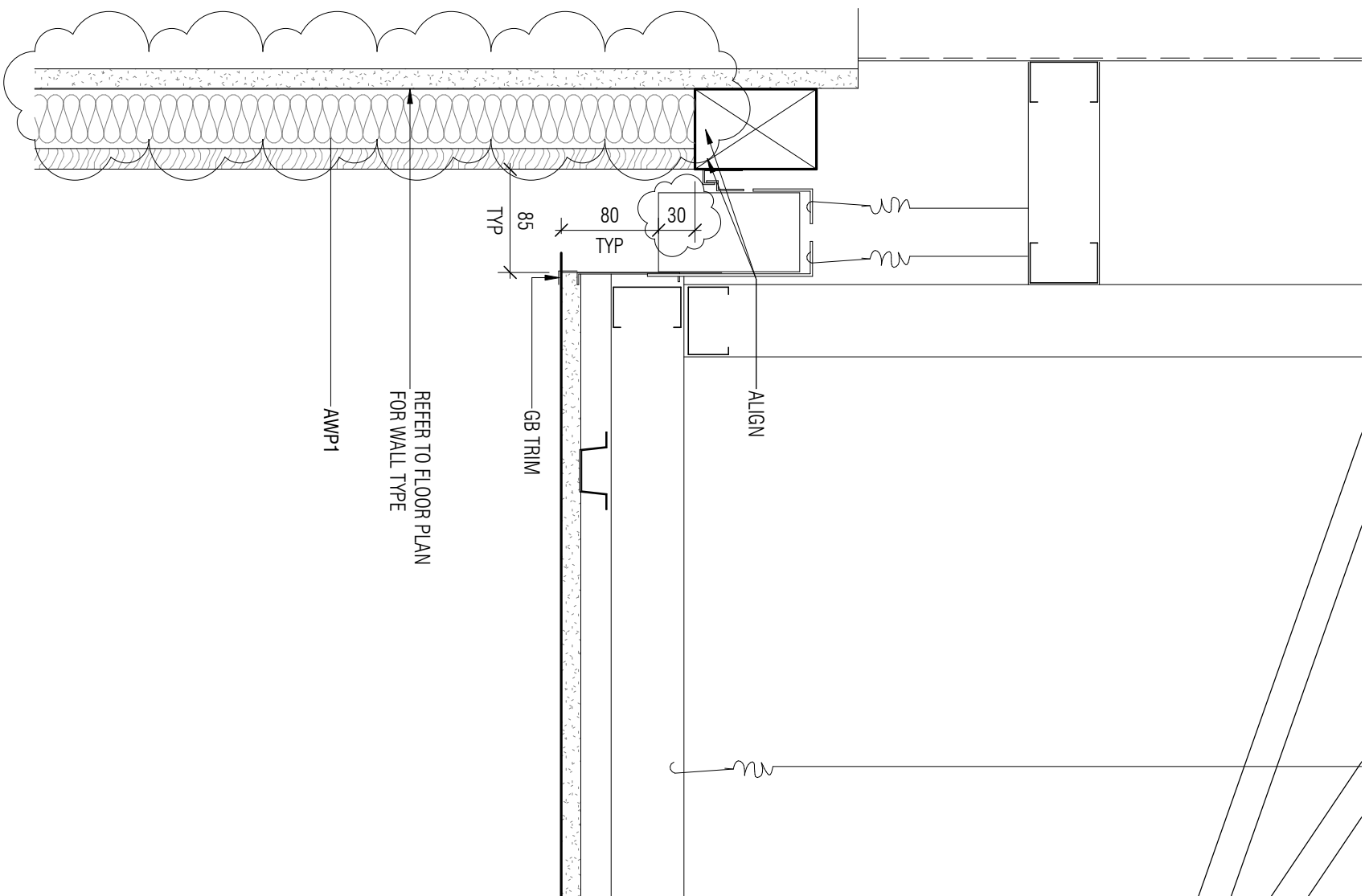
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			Date	2019/04/25	(yyy/mm/dd)		
			Drawn By	CL	Dessiné par		
			Date	2019/04/25	(yyy/mm/dd)		
			Reviewed By	DH/JF	Examiné par		
dessin			Date	2019/04/25	(yyy/mm/dd)		
			Approved By	DH/JF	Approuvé par		
			Date	2019/04/25	(yyy/mm/dd)		
			Tender	KEVIN GALLAYS	Soumission		
			Project Manager		Administrateur de projets		
PARTIAL 8/A815 - INTERIOR SECTION DETAILS			Project no.		No. du projet		
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			R.076948.001				
			DA-080				




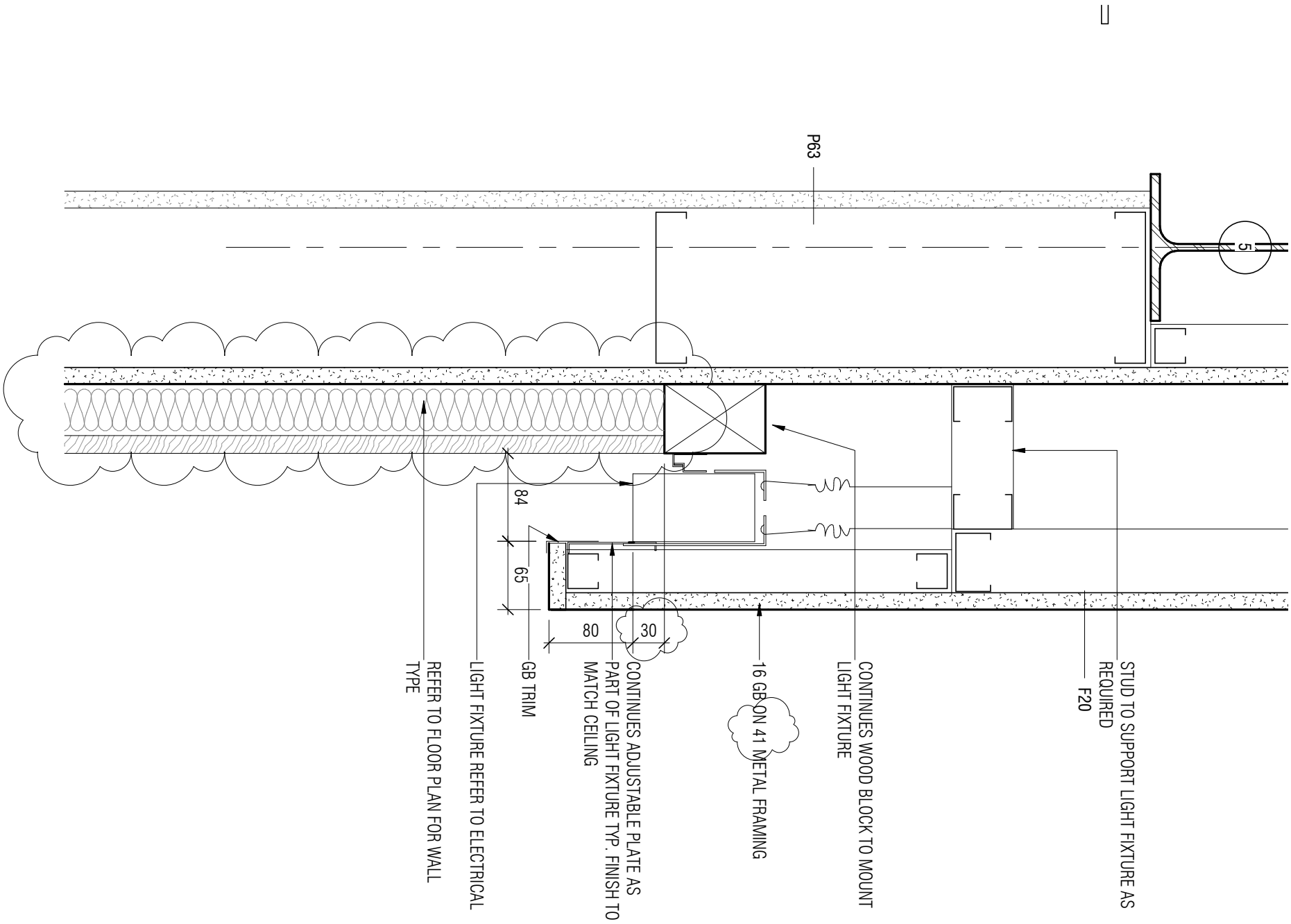
project	project	Designed By	MM/CL/CL/AP	Conçu par	<div> Public Works and services Government Canada</div> <div>Travaux publics et services gouvernementaux Canada</div> <div>REAL PROPERTY SERVICES Région de l'Ouest</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>
		Date	2019/04/25	(yyyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyyy/mm/dd)	
drawing	dessin	Approved By	DH/JF	Approuvé par	Project no. No. du projet
		Date	2019/04/25	(yyyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	Administrateur de projets		
Drawing no. DA-081					No. du dessin



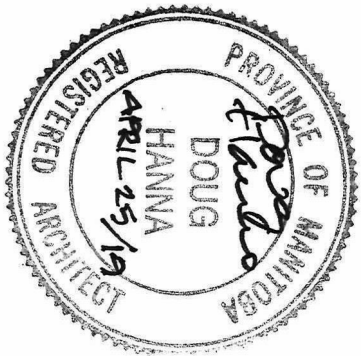
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		Drawn By	CL	Dessiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
		Date	2019/04/25	(yyy/mm/dd)		
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission		
		Project Manager		Administrateur de projets		
					Project no.	No. du projet
					R.076948.001	
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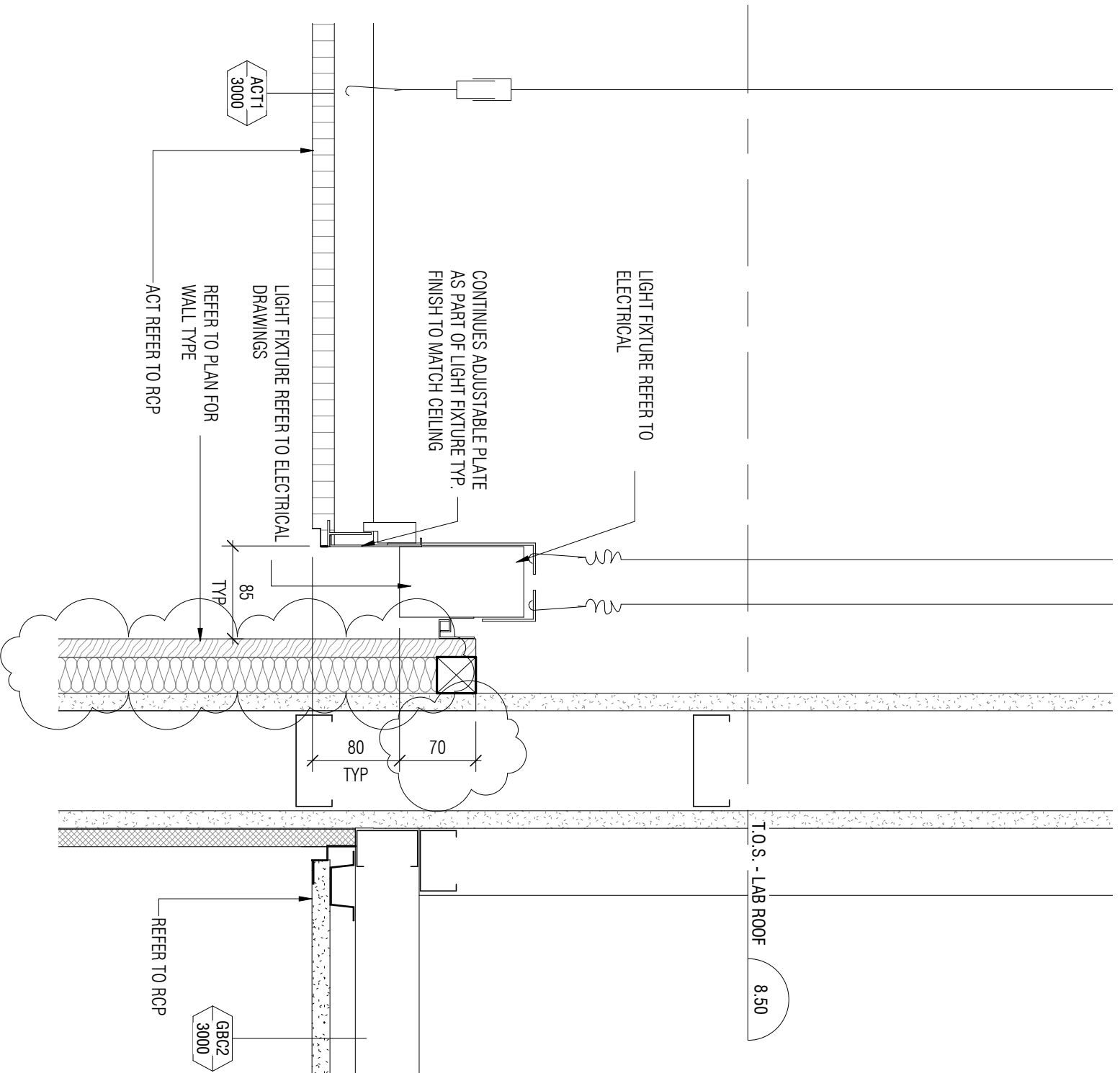


project	project	Designed By	MR/CL/CL/AP	Conçu par	<div><div>Public Works and Government Services Canada</div><div>Travaux publics et services gouvernementaux Canada</div></div>	
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		Date	2019/04/25	(yyyy/mm/dd)		
		Reviewed By	DH/JF	Examiné par		
drawing	dessin	Date	2019/04/25	(yyyy/mm/dd)	Project no.	No. du projet
		Approved By	DH/JF	Approuvé par		
		Date	2019/04/25	(yyyy/mm/dd)		
		Tender		Submission		
Project Manager		KEVIN GALLAYS		Administrateur de projets		
4/A820 - CEILING DETAILS				Drawing no.		No. du dessin
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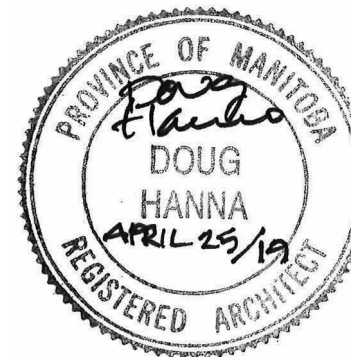
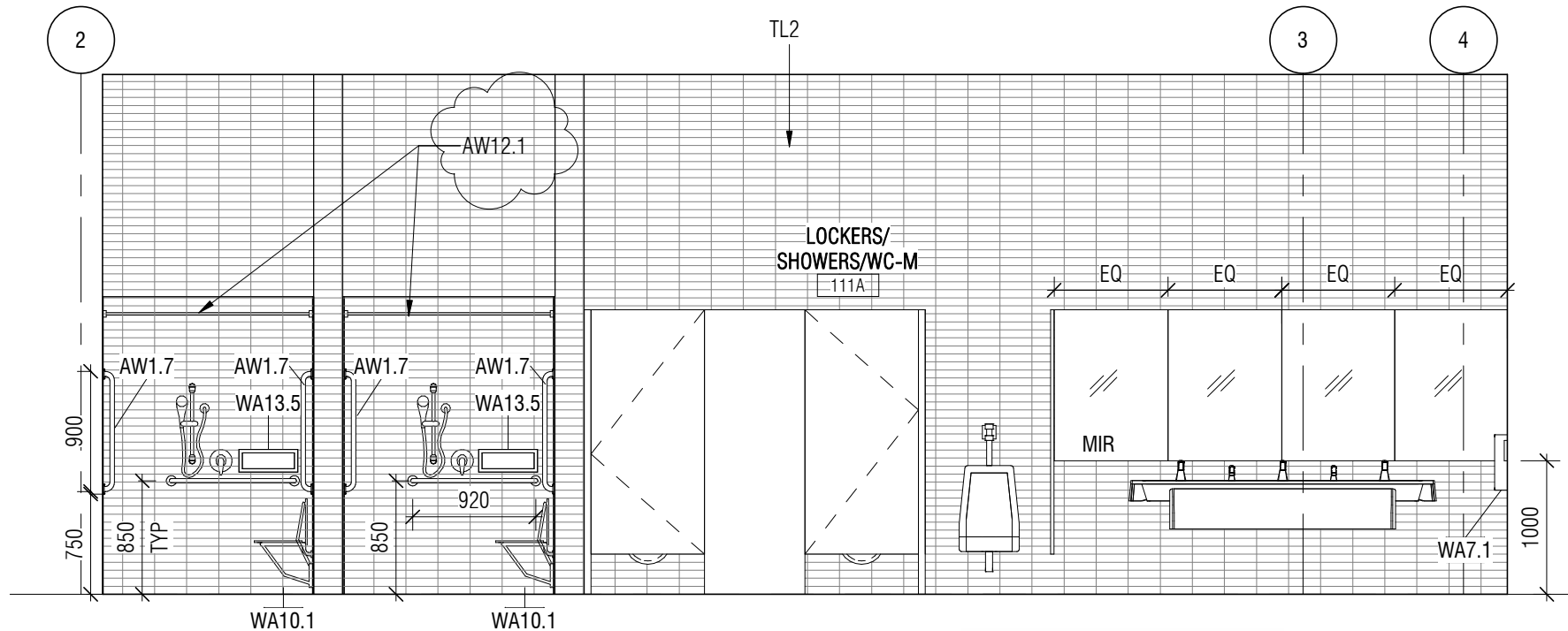


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		Date	2019/04/25	(yyy/mm/dd)	
		Drawn By	CL	Dessiné par	
		Date	2019/04/25	(yyy/mm/dd)	
		Reviewed By	DH/JF	Examiné par	
		Date	2019/04/25	(yyy/mm/dd)	
		Approved By	DH/JF	Approuvé par	
		Date	2019/04/25	(yyy/mm/dd)	
		Tender	KEVIN GALLAYS	Soumission	
		Project Manager	KEVIN GALLAYS	Administrateur de projets	
drawing	dessin	Project no.	R.076948.001	No. du projet	
		Drawing no.	DA-084	No. du dessin	





project		projet	
NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba			
drawing	dessin		
6/A820 - CEILING DETAILS			
Designed By		MK/CL/CL/AP	
Date	2019/04/25	(yyyy/mm/dd)	
Drawn By	CL	Dessiné par	
Date	2019/04/25	(yyyy/mm/dd)	
Reviewed By	DH/JF	Examiné par	
Date	2019/04/25	(yyyy/mm/dd)	
Approved By	DH/JF	Approuvé par	
Date	2019/04/25	(yyyy/mm/dd)	
Tender	KEVIN GALLAYS	Soumission	
Project Manager	Administrateur de projets		
Project no.		No. du projet	
R.076948.001			
Drawing no.		No. du dessin	
DA-085			



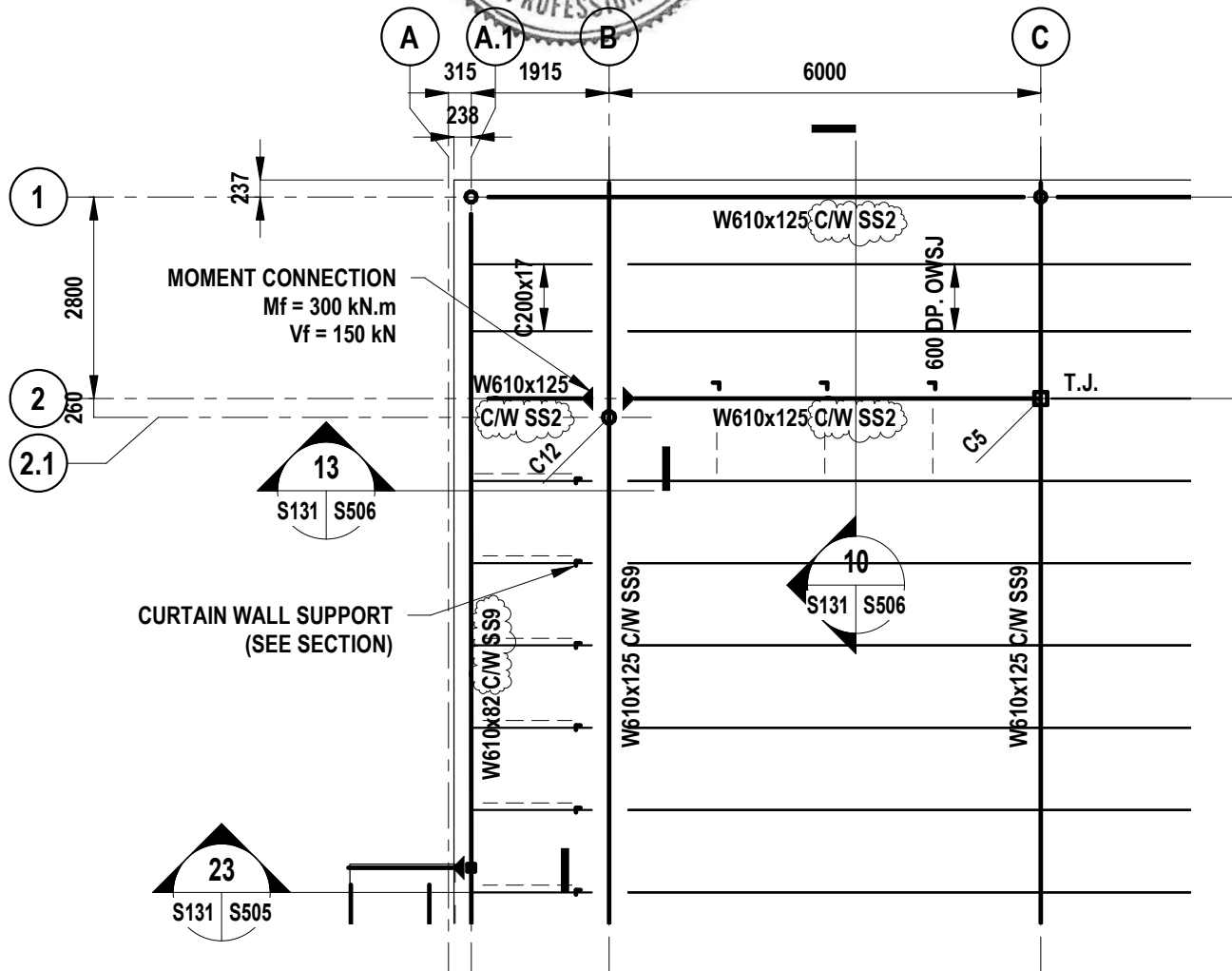
project
**NRC ADVANCED
 MANUFACTURING PROGRAM
 (AMP) - WINNIPEG**
 Red Fife Road, Winnipeg, Manitoba

drawing
18/A850 - WASHROOM

Designed By	MK/CL/CL/AP	Conçu par
Date	2019/04/25	(yyyy/mm/dd)
Drawn By	CL	Dessiné par
Date	2019/04/25	(yyyy/mm/dd)
Reviewed By	DH/JF	Examiné par
Date	2019/04/25	(yyyy/mm/dd)
Approved By	DH/JF	Approuvé par
Date	2019/04/25	(yyyy/mm/dd)
Tender	KEVIN GALLAYS	Soumission
Project Manager	Administrateur de projets	

	Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest

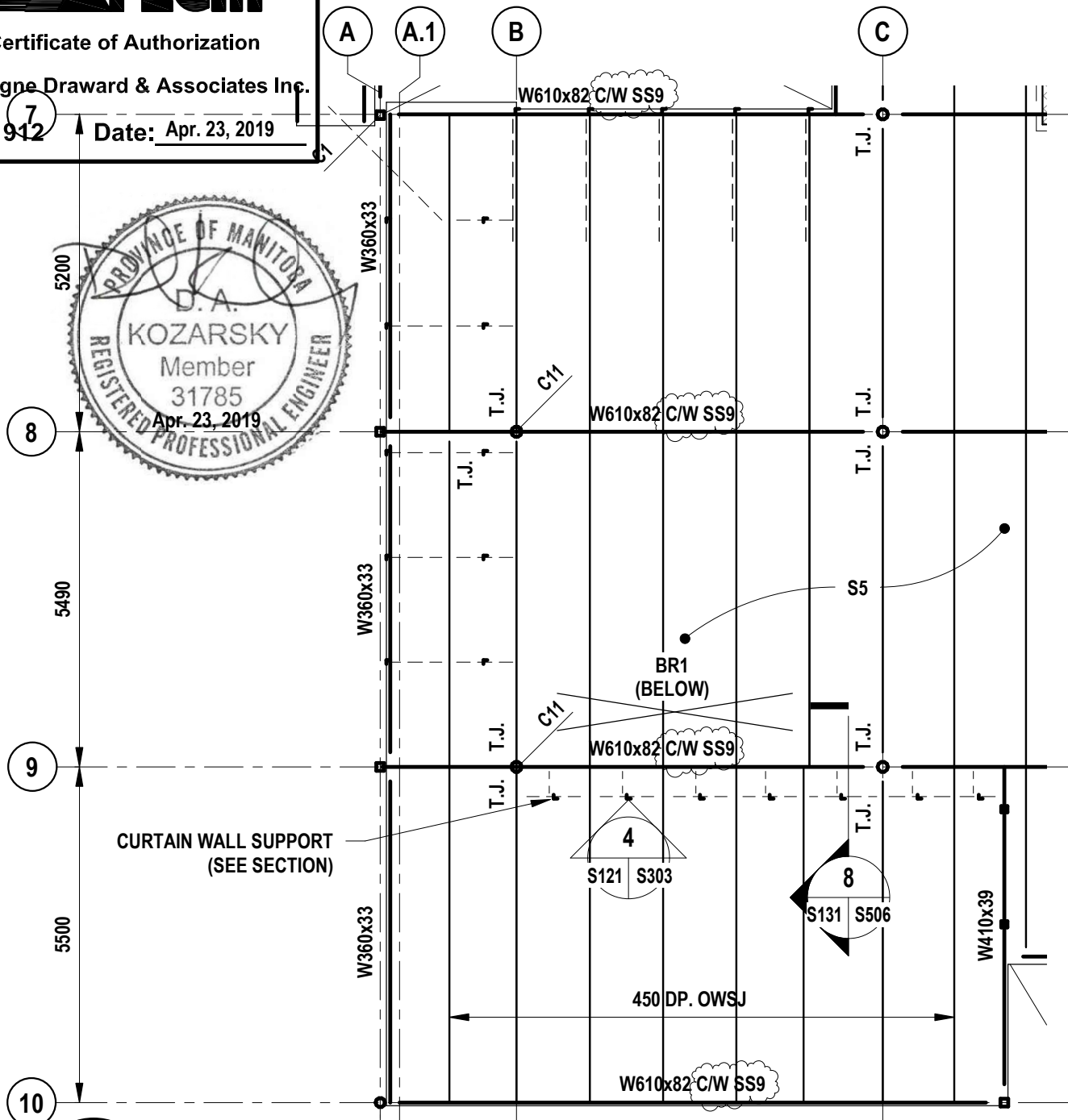
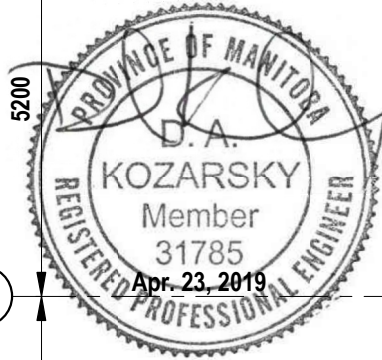
Project no.	No. du projet
R.076948.001	
Drawing no.	No. du dessin
DA-086	



1 PARTIAL LEVEL 2 FLOOR FRAMING PLAN - WEST

- DS.001 SCALE: 1 : 100

<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By DK Date 2019/04/23 Drawn By JN Date 2019/04/23 Reviewed By DK Date 2019/04/23 Approved By DK Date 2019/04/23 Tender KEVIN GALLAYS Project Manager</p>	<p>Conçu par (yyyy/mm/dd) Dessiné par (yyyy/mm/dd) Examiné par (yyyy/mm/dd) Approuvé par (yyyy/mm/dd) Soumission</p>
<p>drawing</p> <p>PARTIAL LEVEL 2 FLOOR FRAMING PLAN</p>	<p>dessin</p>	<p>Public Works and Government Services Canada</p> <p>Travaux publics et services gouvernementaux Canada</p> <p>REAL PROPERTY SERVICES Western Region</p> <p>SERVICES IMMOBILIERS Région de l'Ouest</p> <p>Project no. No. du projet R.076948.001</p> <p>Drawing no. No. du dessin DS.001</p>



1

PARTIAL LEVEL 2 FLOOR FRAMING PLAN - WEST

- DS.002 SCALE: 1 : 100

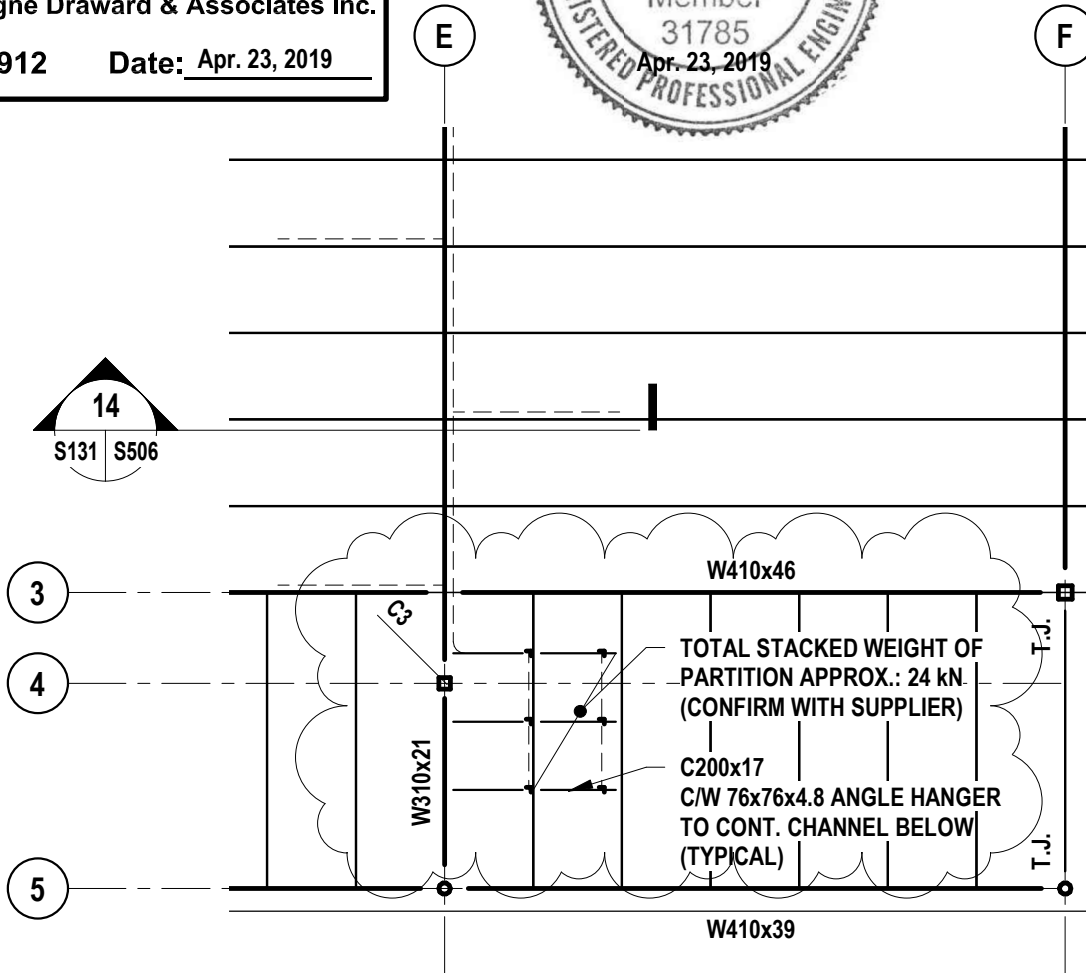
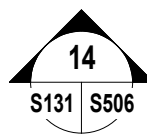
<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By DK Date 2019/04/23 Drawn By JN Date 2019/04/23 Reviewed By DK Date 2019/04/23 Approved By DK Date 2019/04/23 Tender Project Manager KEVIN GALLAYS</p>	<p>Conçu par (yyyy/mm/dd) Dessiné par (yyyy/mm/dd) Examiné par (yyyy/mm/dd) Approuvé par (yyyy/mm/dd) Soumission</p> <p>Public Works and Government Services Canada REAL PROPERTY SERVICES Western Region</p> <p>Travaux publics et services gouvernementaux Canada SERVICES IMMOBILIERS Région de l'Ouest</p>
<p>drawing</p> <p>PARTIAL LEVEL 2 FLOOR FRAMING PLAN</p>	<p>dessin</p> <p>Project Manager</p>	<p>Project no. No. du projet R.076948.001 Drawing no. No. du dessin DS.002</p>



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No. 1912 Date: Apr. 23, 2019



1 PARTIAL LEVEL 2 FLOOR FRAMING PLAN - WEST

- DS.003 SCALE: 1 : 100

<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>project</p> <p>Designed By DK Conçu par Date 2019/04/23 (yyyy/mm/dd) Drawn By JN Dessiné par Date 2019/04/23 (yyyy/mm/dd) Reviewed By DK Examiné par Date 2019/04/23 (yyyy/mm/dd) Approved By DK Approuvé par Date 2019/04/23 (yyyy/mm/dd) Tender Soumission KEVIN GALLAYS Project Manager Administrateur de projets</p>	<p>Public Works and Government Services Canada</p> <p>REAL PROPERTY SERVICES Western Region</p> <p>Travaux publics et services gouvernementaux Canada</p> <p>SERVICES IMMOBILIERS Région de l'Ouest</p>
<p>drawing</p> <p>PARTIAL LEVEL 2 FLOOR FRAMING PLAN</p>		<p>Project no. No. du projet R.076948.001 Drawing no. No. du dessin DS.003</p>



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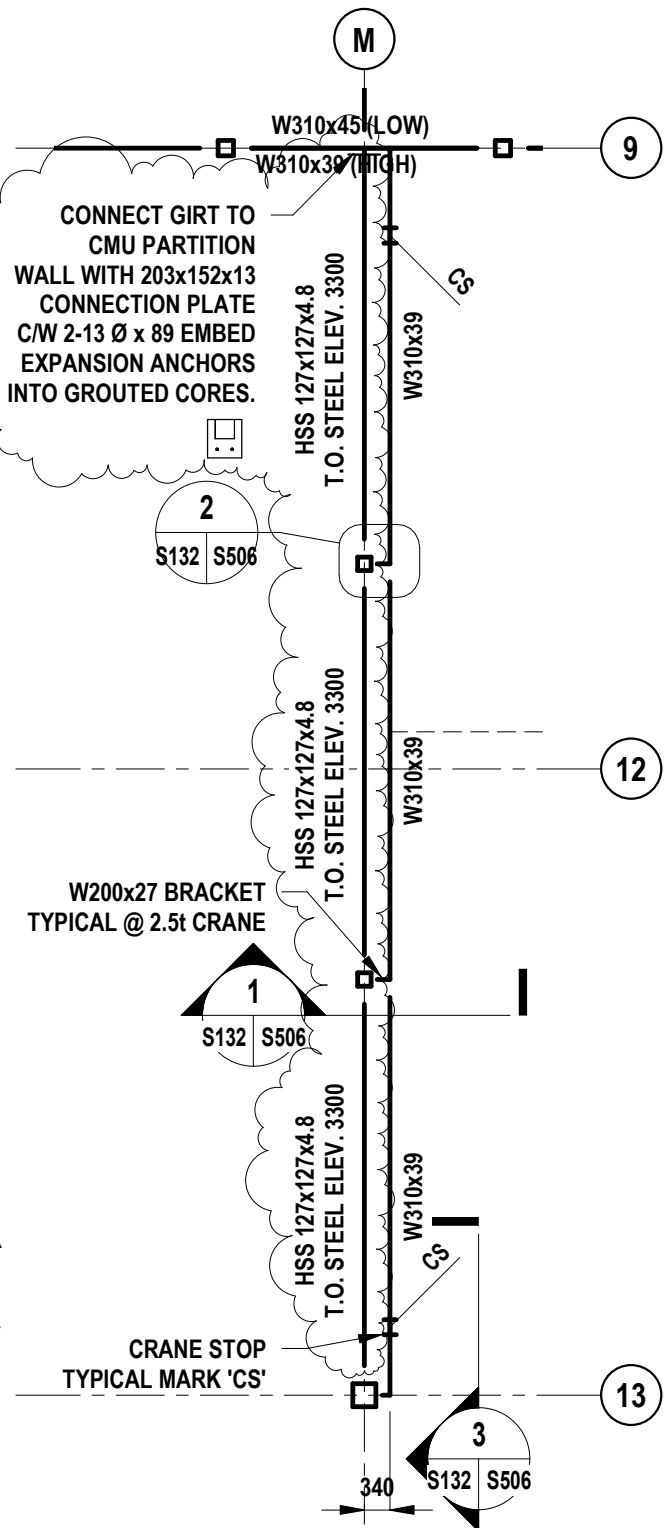
No. 1912 Date: Apr. 23, 2019




PARTIAL LEVEL 2 FLOOR FRAMING PLAN - EAST

1

DS.004 SCALE: 1 : 100



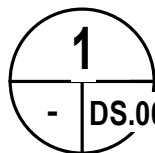
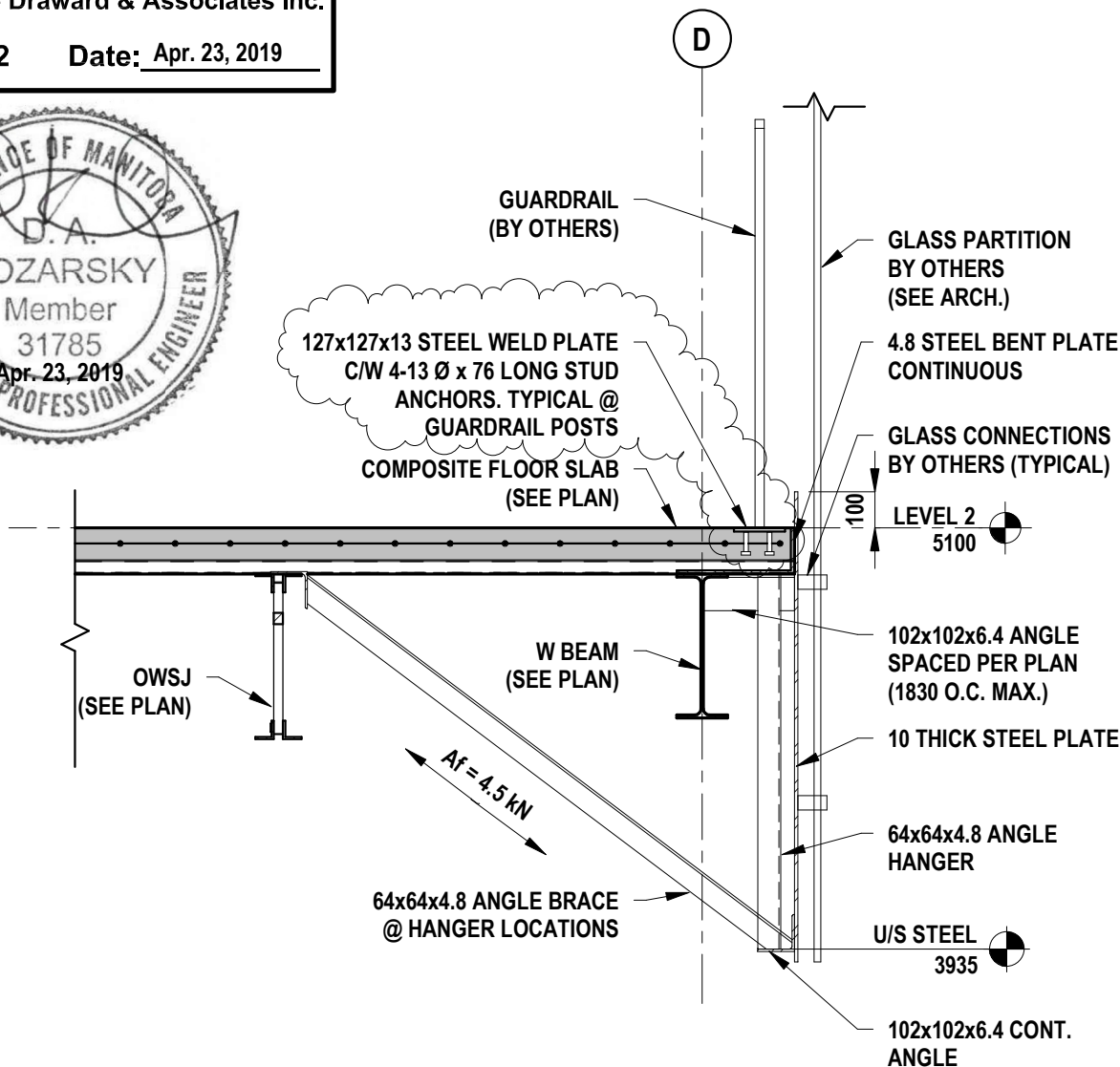
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NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba		Date		2019/04/23		(yyyy/mm/dd)		 Public Works and Government Services Canada REAL PROPERTY SERVICES Western Region	
		Drawn By		JN		Dessiné par			
		Date		2019/04/23		(yyyy/mm/dd)			
		Reviewed By		DK		Examiné par			
drawing		dessin		Date		2019/04/23		(yyyy/mm/dd)	
PARTIAL LEVEL 2 FLOOR FRAMING PLAN		Approved By		DK		Approuvé par		Project no.	
		Date		2019/04/23		(yyyy/mm/dd)		No. du projet	
		Tender		KEVIN GALLAYS		Soumission		R.076948.001	
		Project Manager		Administrateur de projets		Drawing no.		No. du dessin	
								DS.004	



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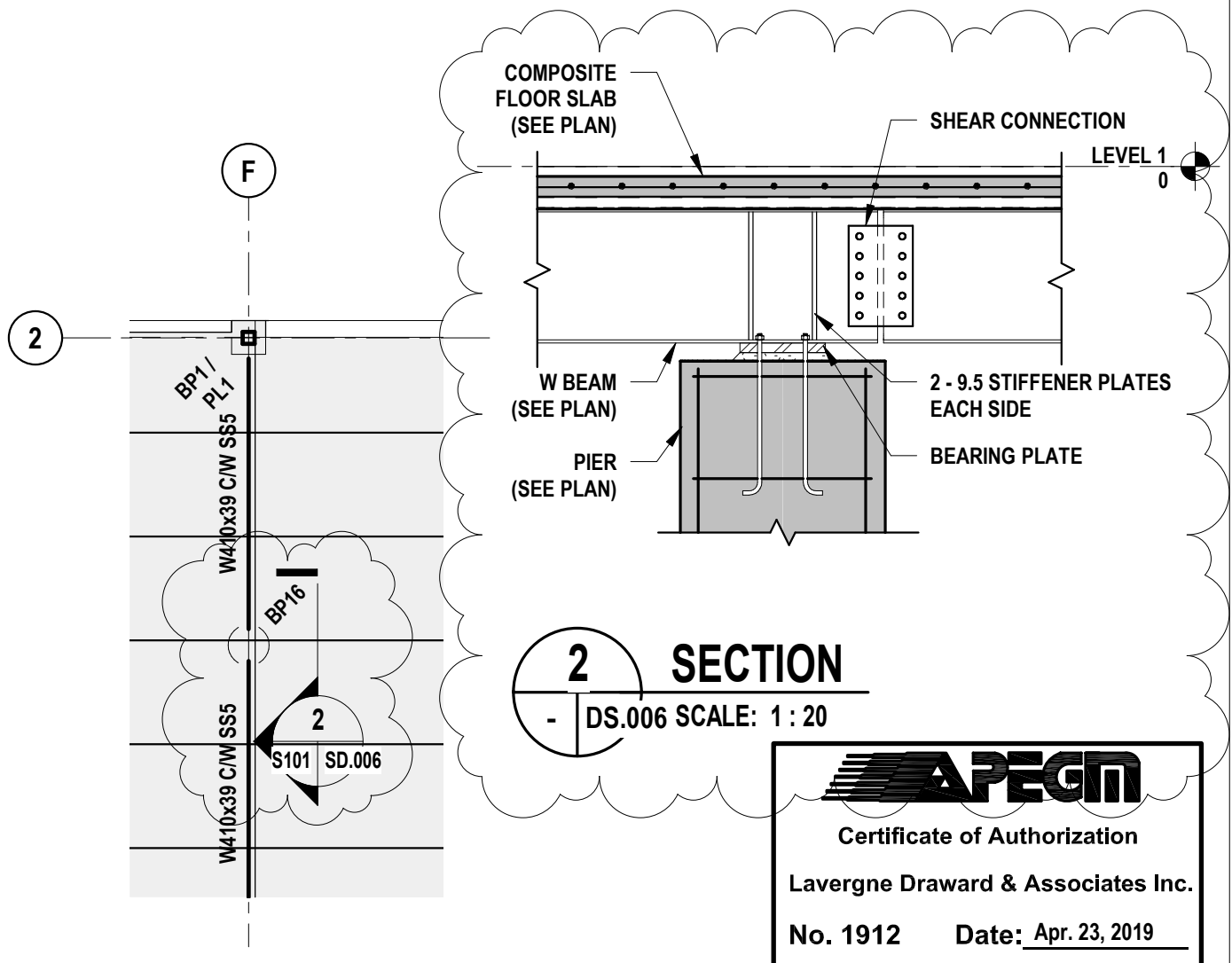
No. 1912 Date: Apr. 23, 2019



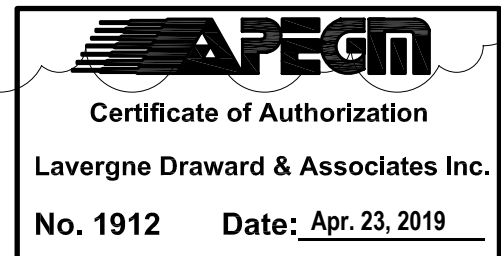
SECTION 7/S506 - PARTIAL


- DS.005 SCALE: 1 : 20

<p>project</p> <p>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</p>	<p>projet</p> <p>Designed By DK Date 2019/04/23 Drawn By JN Date 2019/04/23 Reviewed By DK Date 2019/04/23 Approved By DK Date 2019/04/23 Tender KEVIN GALLAYS Project Manager</p>	<p>Conçu par (yyyy/mm/dd) Dessiné par (yyyy/mm/dd) Examiné par (yyyy/mm/dd) Approuvé par (yyyy/mm/dd) Soumission Administrateur de projets</p>
<p>drawing</p> <p>SECTION</p>	<p>dessin</p>	<p>Public Works and Government Services Canada REAL PROPERTY SERVICES Western Region</p> <p>Travaux publics et services gouvernementaux Canada SERVICES IMMOBILIERS Région de l'Ouest</p> <p>Project no. No. du projet R.076948.001</p> <p>Drawing no. No. du dessin DS.005</p>



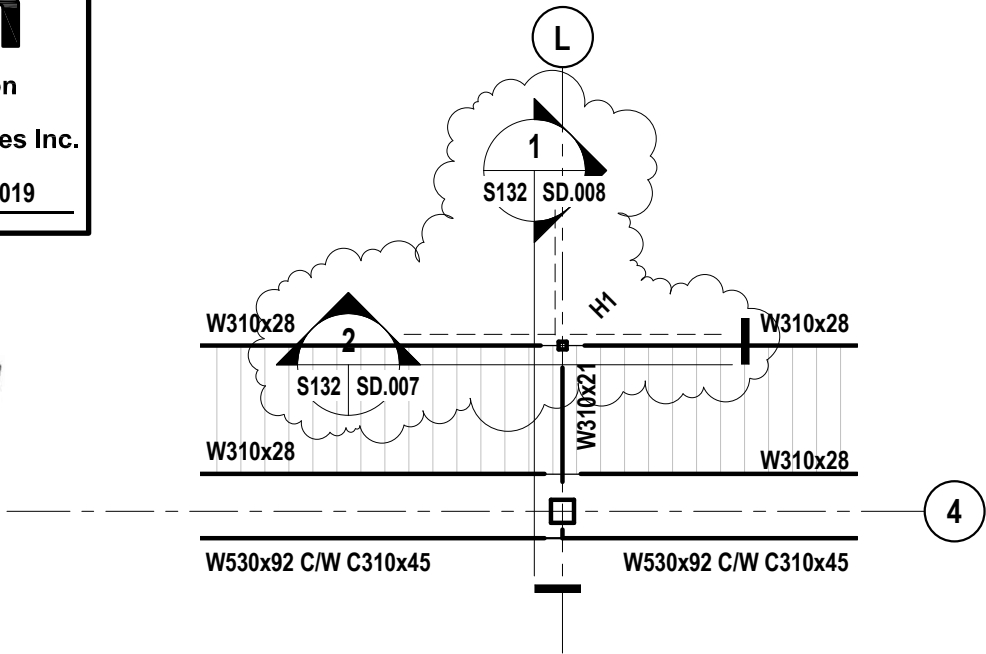
1 PARTIAL LEVEL 1 FLOOR FRAMING PLAN - WEST
- DS.006 SCALE: 1 : 100



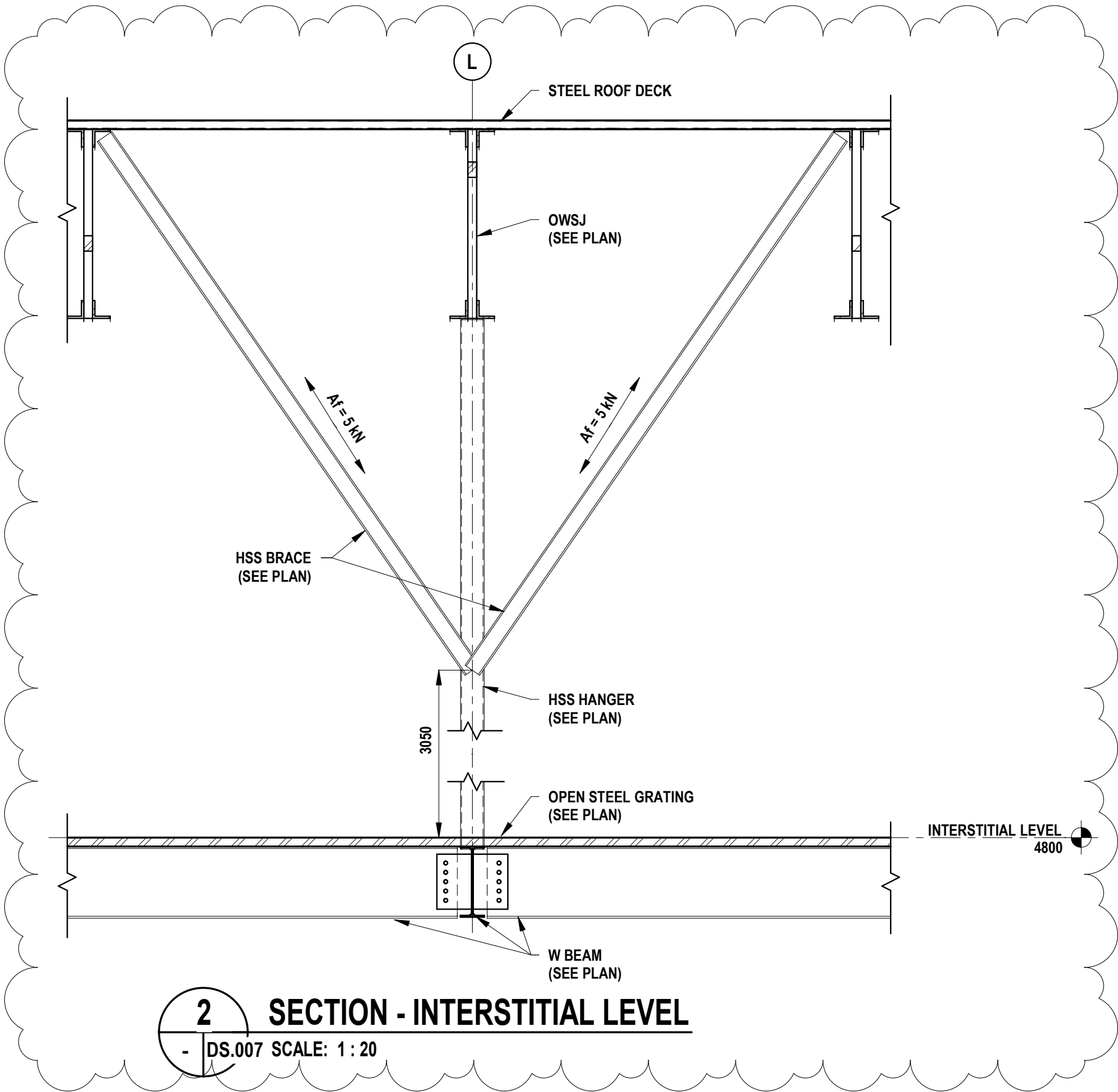
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			Date	2019/04/23	(yyyy/mm/dd)			
			Drawn By	JN	Dessiné par			
			Date	2019/04/23	(yyyy/mm/dd)			
drawing	SECTION	dessin	Reviewed By	DK	Examiné par		REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest
			Date	2019/04/23	(yyyy/mm/dd)			
			Approved By	DK	Approuvé par			
			Date	2019/04/23	(yyyy/mm/dd)			
			Tender	KEVIN GALLAYS	Soumission			
			Project Manager		Administrateur de projets			




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Lavergne Draward & Associates Inc.
No. 1912 Date: Apr. 23, 2019



1 PARTIAL LEVEL 2 FLOOR FRAMING PLAN - EAST
- DS.007 SCALE: 1 : 100



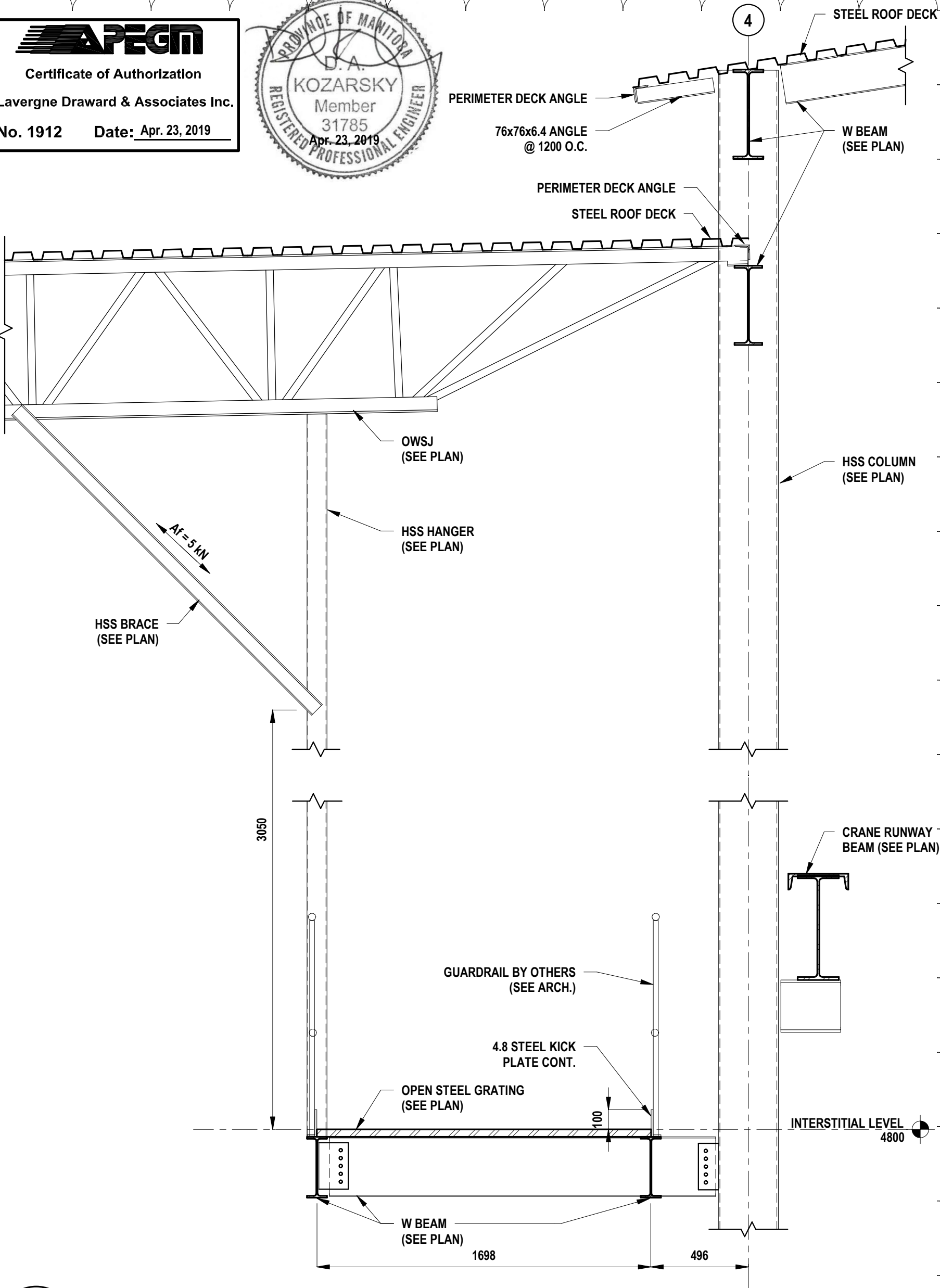
2 SECTION - INTERSTITIAL LEVEL
- DS.007 SCALE: 1 : 20

project	projet	NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	Designed By	DK	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
			Date	2019/04/23	(yyyy/mm/dd)		
			Drawn By	JN	Dessiné par		
			Date	2019/04/23	(yyyy/mm/dd)		
			Reviewed By	DK	Examiné par		
drawing	dessin	SECTION	Date	2019/04/23	(yyyy/mm/dd)	Project no.	No. du projet
			Approved By	DK	Approuvé par		
			Date	2019/04/23	(yyyy/mm/dd)		
			Tender		Soumission		
			Project Manager	KEVIN GALLAYS	Administrateur de projets		
					</		



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No. 1912 Date: Apr. 23, 2019






1

SECTION - INTERSTITIAL LEVEL

-

SD.DS.008ALE: 1 : 20

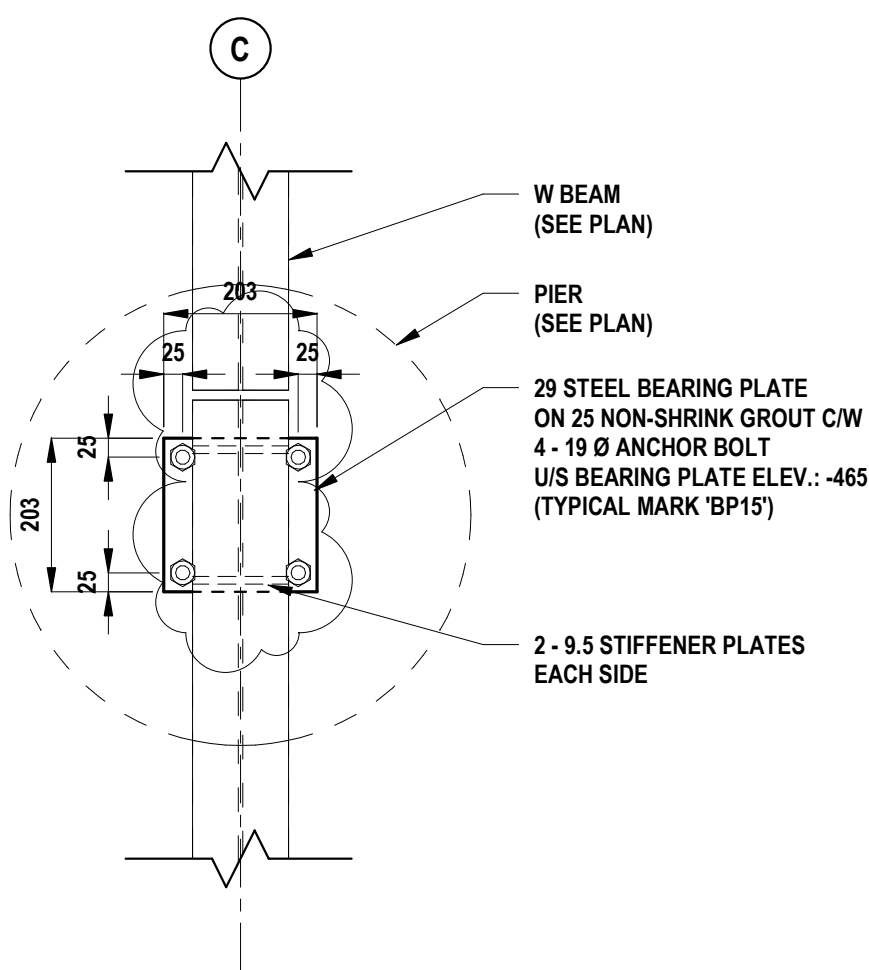
project NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba	project	Designed By	DK	Conçu par	 Public Works and Government Services Canada	Travaux publics et services gouvernementaux Canada
		Date	2019/04/23	(yyyy/mm/dd)		
		Drawn By	JN	Dessiné par		
		Date	2019/04/23	(yyyy/mm/dd)		
drawing SECTION	dessin	Reviewed By	DK	Examiné par	REAL PROPERTY SERVICES Western Region	SERVICES IMMOBILIERS Région de l'Ouest
		Date	2019/04/23	(yyyy/mm/dd)	Project no. R.076948.001	No. du projet
		Approved By	DK	Approuvé par		
		Date	2019/04/23	(yyyy/mm/dd)		
		Tender	KEVIN GALLAYS	Soumission	Drawing no.	No. du dessin
		Project Manager		Administrateur de projets	DS.008	



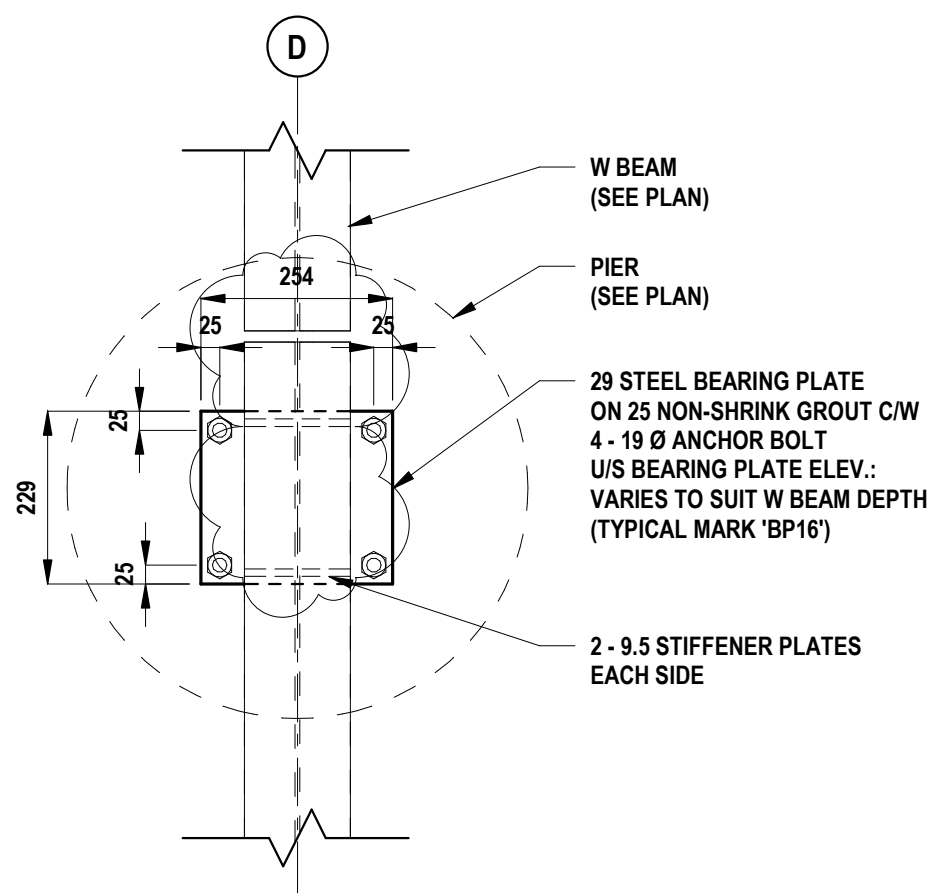
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Lavergne Draward & Associates Inc.

No. 1912 Date: Apr. 23, 2019



1 BEARING PLATE 'BP15' (1/S509)
- DS.009 SCALE: 1 : 10

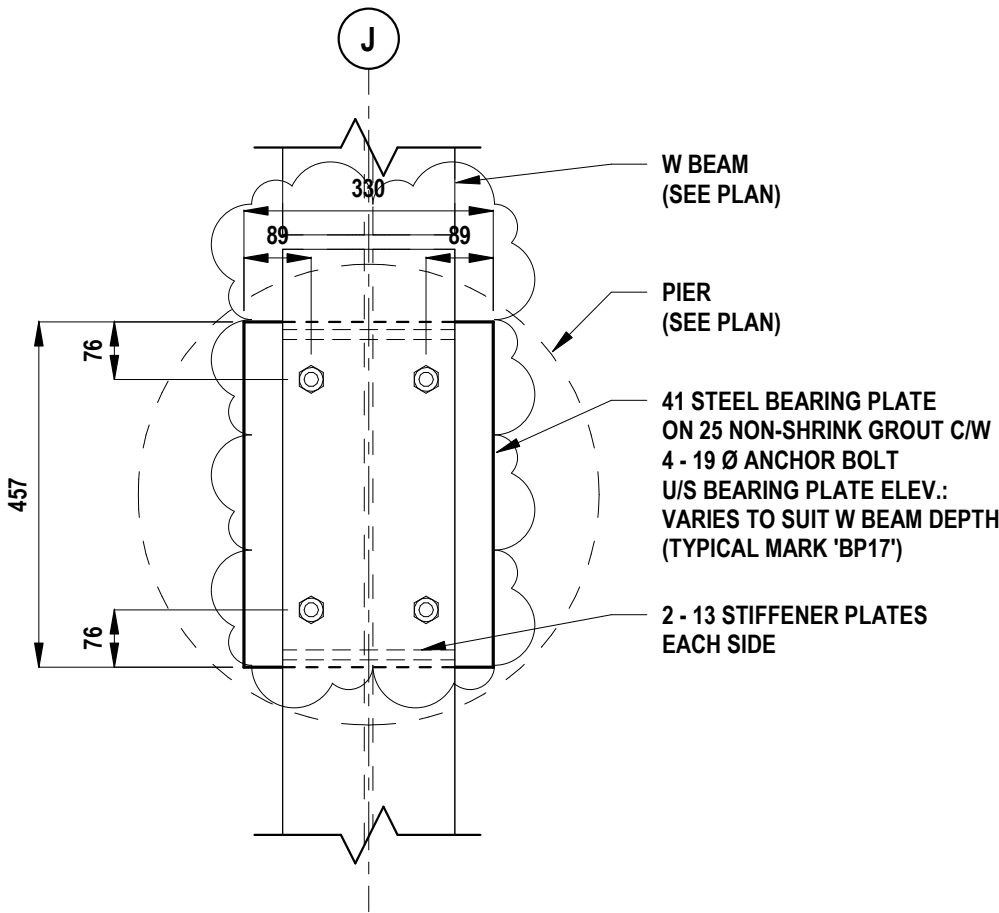


2 BEARING PLATE 'BP16' (2/S509)
- DS.009 SCALE: 1 : 10

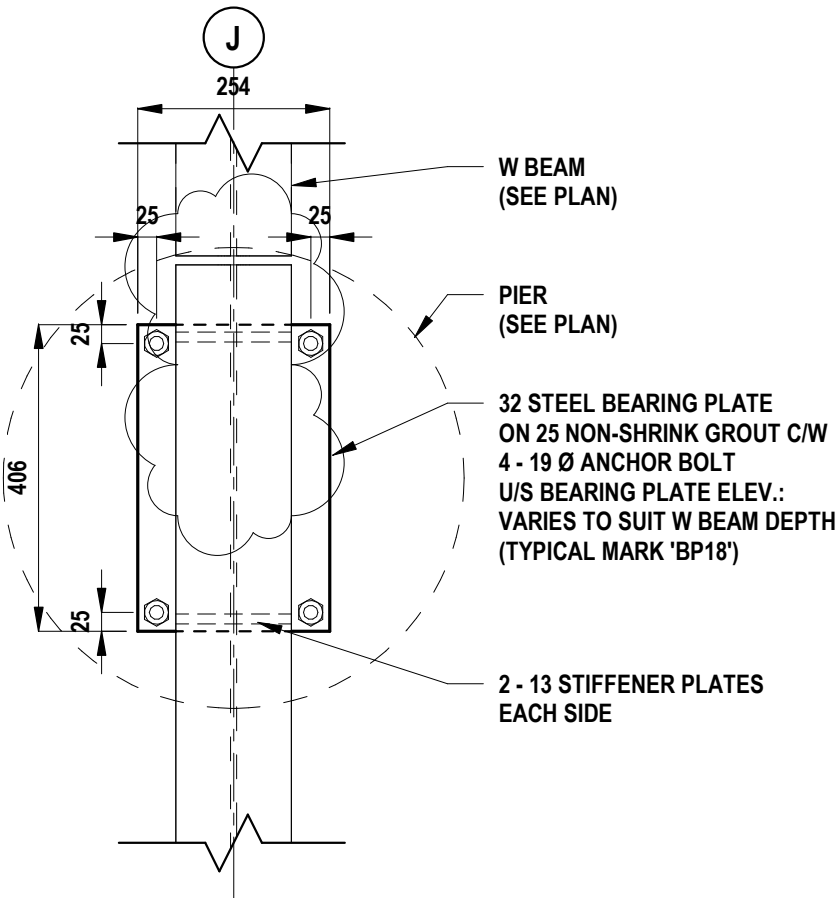
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NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba				Date 2019/04/23		(yyyy/mm/dd)			
				Drawn By JN		Dessiné par			
				Date 2019/04/23		(yyyy/mm/dd)			
drawing		dessin		Reviewed By DK		Examiné par		Project no. No. du projet R.076948.001 Drawing no. No. du dessin DS.009	
				Date 2019/04/23		(yyyy/mm/dd)			
				Approved By DK		Approuvé par			
				Date 2019/04/23		(yyyy/mm/dd)			
				Tender		Soumission			
DETAILS				KEVIN GALLAYS					
				Project Manager		Administrateur de projets			




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Lavergne Draward & Associates Inc.
No. 1912 Date: Apr. 23, 2019



1 BEARING PLATE 'BP17' (3/S509)
- DS.010 SCALE: 1 : 10



2 BEARING PLATE 'BP18' (4/S509)
- DS.010 SCALE: 1 : 10

project <div>NRC ADVANCED MANUFACTURING PROGRAM (AMP) - WINNIPEG Red Fife Road, Winnipeg, Manitoba</div>	projet	Designed By	DK	Conçu par	<div>Public Works and Government Services Canada</div> <div>REAL PROPERTY SERVICES Western Region</div>	<div>Travaux publics et services gouvernementaux Canada</div> <div>SERVICES IMMOBILIERS Région de l'Ouest</div>
		Date	2019/04/23	(yyyy/mm/dd)		
		Drawn By	JN	Dessiné par		
		Date	2019/04/23	(yyyy/mm/dd)		
		Reviewed By	DK	Examiné par		
drawing <div>DETAILS</div>	dessin	Date	2019/04/23	(yyyy/mm/dd)	Project no. <div>R.076948.001</div>	No. du projet
		Approved By	DK	Approuvé par		
		Date	2019/04/23	(yyyy/mm/dd)		
		Tender		Soumission		
		Project Manager	KEVIN GALLAYS	Administrateur de projets		
					Drawing no. <div>DS.010</div>	No. du dessin

NRC AMP Winnipeg Tender Period - Requests for Information/Contractor Questions

Issued for Tender Documents - April 17, 2019

Item #	Date of Request	Question	Section/Drawing Reference	Dicipline	Response	Issued
1	17-Apr-19	The Bid and Acceptance Form (BA) shows a space for an "Industrial Security Program Organization Number (ISP ORG#) "when required". Please confirm if this number is required as a requirement for this tender?			Not Required for this Project	Addendum #1
2	17-Apr-19	Specifications 21 05 11; 3.6 SYSTEM CLEANING; "Clean interior and exterior of all systems including strainers. Vacuum interior of ductwork and air handling units." - Does this work need to be performed by a competent sub trade complete with videos and report? - May we have a mechanical equipment schedule please.	21 05 11	Mechanical	Section 23 08 02 Cleaning and Start-Up of Mechanical Piping systems outlines expectations of cleaning of hydronic and steam systems. Section 23 05 94 Pressure Testing of Ducted Air Systems outline the expectations of cleaning of ducted air systems. All ductwork to be protected during construction and wiped clean by the mechanical contractor prior to building turnover. Mechanical Schedules provided in Addendum #1.	Addendum #1
3	17-Apr-19	The schedules for the mechanical equipment have not been uploaded to WCA, please see the below picture of the missing spec sections.	25 00 00	Mechanical	Mechanical schedules provided in Addendum #1	Addendum #1
4	24-Apr-19	Is an organized site meeting for this project?		Architectural	No site meeting required	Addendum #1