


1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------|------------|
| 04 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

| ref | description | date |
|-----|-------------|------|
| | | |

revisions



ARCHITECT:
Nicholas Caragianis Architect Inc.
 137 Pamilla Street
 Ottawa, Ontario
 Canada
 Contact: Nicholas Caragianis
 Tel: (613) 237 6801
 E-mail: nicholas@ncarchitect.ca
 Contact: Stephen Hickey
 Tel: (613) 237 6801 Ext 238
 E-mail: shickey@ncarchitect.ca

OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH **PROJECT NORTH**

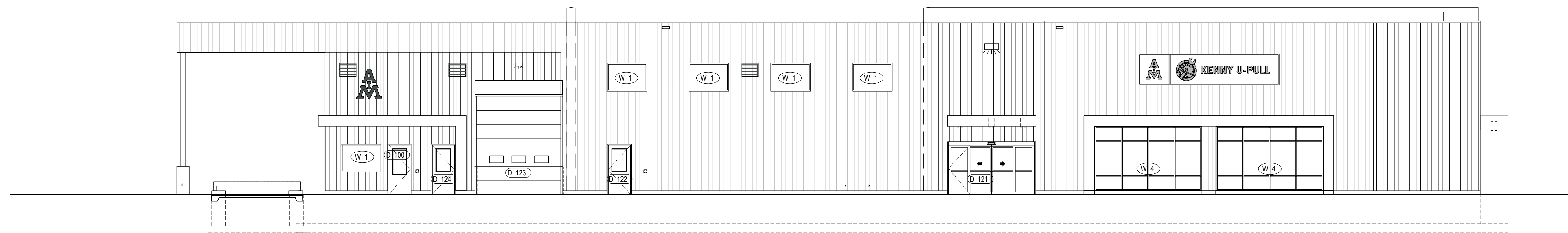
ARCHITECT:
nicholas caragianis architect inc.
 137 Pamilla Street,
 Ottawa, ON, K1S 3K9
 t: 613 237 6801
 f: 613 237 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION:
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING:
COVER PAGE
SITE STATISTICS

SCALE: N/A **DRAWING #:** A0.01
DATE: JUN 2022
DRAWN BY: LE, SH



NORTH ELEVATION REFERENCE ELEVATION

| ARCHITECTURAL DRAWINGS | | SURVEYORS DRAWINGS | | SANITARY LAYOUT | |
|------------------------|-------------------------------------------|----------------------|--|-----------------|------------------------------|
| A0.01 | COVER SHEET & SITE STATISTICS | TOPOGRAPHICAL SURVEY | | SAN-4101 | SANITARY LAYOUT FIRST FLOOR |
| A0.02A | CODE MATRIX | | | SAN-4201 | SANITARY LAYOUT SECOND FLOOR |
| A0.02B | CODE MATRIX | | | UT-4101 | UTILITIES LAYOUT FIRST FLOOR |
| A0.02C | CODE MATRIX | | | MS-8000 | MECHANICAL SCHEDULES |
| A0.02D | CODE MATRIX | | | M-9001 | MECHANICAL SPECIFICATION |
| A0.03 | CODE PLANS | | | | |
| A0.04 | ULC DESIGNS | | | | |
| A0.05 | ULC DESIGNS | | | | |
| A0.06 | ULC DESIGNS | | | | |
| A0.07 | WALL, FLOOR, & ROOF ASSEMBLIES | | | | |
| A0.07A | WALL, FLOOR, & ROOF ASSEMBLIES | | | | |
| A0.08 | DOOR SCHEDULE | | | | |
| A0.09 | WINDOW SCHEDULE & JAMB DETAILS | | | | |
| A1.01 | SITE PLAN | | | | |
| A1.02 | SITE DETAILS | | | | |
| A2.00 | FOUNDATION PLAN | | | | |
| A2.01 | GROUND FLOOR PLAN | | | | |
| A2.02 | SECOND FLOOR PLAN | | | | |
| A2.03 | ROOF PLAN | | | | |
| A2.04 | GROUND REFLECTED CEILING PLAN | | | | |
| A2.05 | SECOND REFLECTED CEILING PLAN | | | | |
| A3.01 | EXTERIOR ELEVATIONS | | | | |
| A4.01 | BUILDING SECTIONS | | | | |
| A4.02 | BUILDING SECTIONS | | | | |
| A4.03 | BUILDING SECTIONS | | | | |
| A4.04 | WALL SECTIONS | | | | |
| A4.05 | WALL SECTIONS | | | | |
| A4.06 | WALL SECTIONS | | | | |
| A5.00 | WASHROOM & JANITOR ROOM PLANS | | | | |
| A5.01 | ELEVATIONS AND DETAILS | | | | |
| A5.02 | WASHROOM PLANS ELEVATIONS AND DETAILS | | | | |
| A5.03 | STAIRS PLAN ELEVATIONS SECTIONS & DETAILS | | | | |
| A6.00 | ROOF & ACCESS HATCH DETAILS | | | | |
| A7.01 | PLAN DETAILS | | | | |
| A7.01 | SECTION DETAILS | | | | |
| A8.00 | GROUND FLOOR FINISHES PLAN | | | | |
| A8.01 | SECOND FLOOR FINISHES PLAN | | | | |
| A9.01 | MILLWORK DRAWINGS | | | | |

KENNY U-PULL & AMERICAN IRON AND METAL

1533 McAdoo's Lane,
 Proposed 1 Storey & Mezzanine Retail, Medium & Light Industrial Building
 City of Kingston, Ontario

ISSUED FOR PERMIT
 APRIL 14, 2023

| | |
|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| American Iron & Metal (AIM) Fer et métaux américains | |
| 9100, boul. Henri-Bourassa Est, Montréal, QC, H1E 2S4 Canada | Contact: Mahmoud Salman Tel: (514) 494-2000 x 5725 Mobile: (514) 235-5340 E-mail: msalman@aim-global.com |
| ARCHITECT: Nicholas Caragianis Architect Inc. 137 Pamilla Street Ottawa, Ontario Canada | |
| Contact: Nicholas Caragianis Tel: (613) 237 6801 E-mail: nicholas@ncarchitect.ca | Contact: Stephen Hickey Tel: (613) 237 6801 Ext 238 E-mail: shickey@ncarchitect.ca |
| STRUCTURAL ENGINEER: D+M STRUCTURAL - Engineering 110-333 Preston Street, Ottawa, ON, K1S 5N4 Canada | |
| Contact: Ali Knowles, P.Eng Tel: (613) 651 9490 Mobile: (613) 617 2143 E-mail: ali@dm-structural.ca | |
| ELECTRICAL ENGINEER: LAPORTE 100-89 Skyway Avenue Toronto, ON, M9W 6R4 Canada | |
| Contact: Aafaq (Sunny) Shahid Tel: (416) 675-6761 #502 Mobile: (778) 237-8314 E-mail: ASahid@laporteconsultants.com | |
| MECHANICAL ENGINEER: LAPORTE 100-89 Skyway Avenue Toronto, ON, M9W 6R4 Canada | |
| Contact: Aafaq (Sunny) Shahid Tel: (416) 675-6761 #502 Mobile: (778) 237-8314 E-mail: ASahid@laporteconsultants.com | |
| CIVIL CONSULTANT: IBI GROUP 650 Dalton Avenue Kingston ON K7M 8N7 Canada | |
| Contact: Jasmine Leikucs Tel: (613) 531-4440 ext 63312 Fax: E-mail: jasmine.leikucs@ibigroup.com | |
| PLANNING CONSULTANT: IBI GROUP Suite 200, East Wing-360 James Street North Hamilton ON L8L 1H5 Canada | |
| Contact: Tracy Tucker Tel: (905) 546-1010 ext 63120 Fax: E-mail: f.thauvette@novatech-eng.com | |

BUILDING A - KENNY-UPULL RETAIL AND OFFICE BUILDING

FIRM NAME:
NICHOLAS CARAGIANIS ARCHITECT INC.
137 PAMILLA - OTTAWA, ONTARIO - K1S 3K9

PROJECT NAME:
AIM KINGSTON
LOCATION:
1533 MCADOO'S LANE,
KINGSTON, ON.

| ITEM | ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 | OBC REFERENCE |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| 1 | PROJECT DESCRIPTION: <input checked="" type="checkbox"/> NEW <input type="checkbox"/> PART 11 <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 <input type="checkbox"/> CHANGE OF USE: <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION | 11.1 TO 11.4 1.1.2 [A] 1.1.2 [A] & 9.10.1.3 |
| 2 | MAJOR OCCUPANCY(S) E - MERCHANTILE | 3.1.2.1 (1) 9.10.2 |
| 3 | BUILDING AREA(m ²) EXISTING _____ NEW 430.17m ² TOTAL 430.17m ² | 1.4.1.2 [A] 1.4.1.2 [A] |
| 4 | GROSS AREA (m ²) EXISTING _____ NEW 430.17m ² TOTAL 430.17m ² | 1.4.1.2 [A] 1.4.1.2 [A] |
| 5 | NUMBER OF STOREYS BUILDING HEIGHT 7.55m ABOVE GRADE 1 BELOW GRADE 0 | 1.4.1.2 [A] & 3.2.1.1 1.4.1.2 [A] & 9.10.4 |
| 6 | NUMBER OF STREETS/FIRE FIGHTER ACCESS 1 | 3.2.2.10 & 3.2.5 9.10.20 |
| 7 | BUILDING CLASSIFICATION 9.10.2.1 (1) GROUP E | 3.2.2.20-83 9.10.2 |
| 8 | SPRINKLER SYSTEM CONTROL <input type="checkbox"/> EXISTING <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> PROPOSED <input type="checkbox"/> BASEMENT ONLY <input checked="" type="checkbox"/> NOT REQUIRED <input type="checkbox"/> IN LIEU OF ROOF RATING | 3.2.2.20-83 3.2.2.15 3.2.2.17 9.10.8.2 |
| 9 | STANDPIPE REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 3.2.9 N/A |
| 10 | FIRE ALARM REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO THE COMBINATION OF ALL OF THE BUILDINGS MEET THIS REQUIREMENT | 3.2.4 9.10.18 |
| 11 | WATER SERVICE/SUPPLY IS ADEQUATE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | N/A N/A |
| 12 | HIGH BUILDING <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 3.2.6 N/A |
| 13 | PERMITTED CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input checked="" type="checkbox"/> BOTH ACTUAL CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH | 3.2.2.20-83 9.10.6 |
| 14 | MEZZANINE(S) AREA sq.m N/A | 3.2.1.1 (3)-(8) 3.2.1.1 (4) 9.10.4.1 |
| 15 | OCCUPANT LOAD BASED ON <input type="checkbox"/> m ² /PERSON (OFFICE) <input checked="" type="checkbox"/> DESIGN OF BUILDING (WAREHOUSE) 1st FLOOR OCCUPANCY E ALLOWED LOAD TOTAL-90 OFFICE(16) MER(74) PERSONS TOTAL OFFICE AREA = 143.239 3+16 PERSONS TOTAL RETAIL AREA = 271.773 3+74 PERSONS PROPOSED LOAD TOTAL-10 OFFICE(05) MER(5) PERSONS | 3.1.17 9.9.1.3 |
| 16 | BARRIER-FREE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN) | 3.8 9.5.2 |
| 17 | HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | 3.3.1.2 & 3.3.1.19 9.10.1.3(4) |
| 18 | REQUIRED FIRE RESISTANCE RATING (FRR) HORIZONTAL ASSEMBLIES (FRR (HOURS)) LISTED DESIGN NO. OR DESCRIPTION (SG-2) FLOOR 0 MIN HOURS ROOF 0 MIN HOURS MEZZANINE 0 MIN HOURS FRR OF SUPPORTING MEMBERS LISTED DESIGN NO. OR DESCRIPTION (SG-2) FLOOR 0 MIN HOURS ROOF 0 MIN HOURS MEZZANINE 0 MIN HOURS OTHER FIRE RESISTANCE RATINGS 3.2.3.18 ELEC ROOM 1 HOUR WALLS AROUND THE ELEC ROOM - ULC WASS. TO US OF DECK 3.3.1.20 STORAGE ROOM 3/4 HOUR THE STORAGE ROOM CONTAINS A MOP SINK. 60 WALLS AROUND THE STORAGE ROOM - ULC WASS. TO US OF DECK 3.1.10.2 EAST FIRE SEPARATION WALL 4 HOUR 10' (2400mm) CONCRETE BLOCK WALL MIN. 78% SEMI-SOLID S OR N CONCRETE TYPE 3.1.10.2 SOUTH FIRE SEPARATION WALL 4 HOUR 10' (2400mm) CONCRETE BLOCK WALL MIN. 78% SEMI-SOLID S OR N CONCRETE TYPE | 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 9.10.9 |
| 19 | SPATIAL SEPARATION-CONSTRUCTION OF EXTERIOR WALLS | 3.2.3.1.B 9.10.14 |
| 20 | PLUMBING FIXTURE REQUIREMENTS 3.7.4.8 & 3.7.4.9 & 9.31 | |
| 21 | 1st FLOOR OCCUPANCY BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10) MEZZANINE OCCUPANCY BUILDING CODE REFERENCE OCCUPANCY LOAD OBC TABLE NUMBER FIXTURES REQUIRED FIXTURES PROVIDED <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 GROUP E BY DESIGN 10 3.7.4.8 1 PER SEX 1 PER SEX UNI WC FOR MALE & FEMALE GROUP F-2 BY DESIGN 07 3.7.4.9 1 MALE 1 PER SEX (MALE & FEMALE WASHROOM) GROUP F-3 BY DESIGN 08 3.7.4.9 1 PER SEX 1 PER SEX (MALE & FEMALE WASHROOM) EXCEPT AS OTHERWISE NOTED GROUP F-3 BY DESIGN 10 TOTAL 35 3.7.4.9 1 PER SEX 1 PER SEX (MALE & FEMALE WASHROOM) | |

22A page 52

SB-10 COMPLIANCE: SB-10 TABLE SB5.5-6 - 2017

| COMPONENT: RETAIL - HEATED | REQUIRED | PROVIDED |
|----------------------------|-----------------------|-------------------------------------|
| ROOF | INSUL. ABOVE DECK | R-35 ci |
| WALLS ABOVE GRADE | MASS | R-19 ci |
| | METAL BUILDING | U0.045 |
| | STEEL FRAME | - |
| SLAB-ON-GRADE FLRS | UNHEATED | R-15 FOR 48 IN. |
| OPAQUE DOORS | SWINGING | U 0.45 |
| FENESTRATION | | MAX. U-VALUE MAX. SHGC MIN. VT/SHGC |
| | METAL FRAME: ENTRY DR | U 0.69 0.40 1.10 |
| | METAL FRAME: FIXED | U 0.38 |
| | SKYLIGHT | - - - |

22B

Wall Area Breakdown - Wall Area & Area of Vertical Fenestration

| Wall | Wall Area (m ²) | Area of Vertical Fenestration (m ²) (including windows, doors and mechanical openings) |
|-----------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------|
| NORTH | 181.10 m ² | 34.72 m ² |
| WEST | 149.83 m ² | 11.33 m ² |
| SOUTH | INTERIOR FIRE WALL | |
| EAST | INTERIOR FIRE WALL | |
| TOTAL | 330.93 m ² | 46.05 m ² |
| PERCENTAGE OF WALL HAVING FENESTRATION: 14% (40% maximum) | | |

GENERAL NOTES

- CODE COMPLIANCE: WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, PROVINCIAL, AND FEDERAL CODES INCLUDING NFPA; AND USE TESTED AND CERTIFIED ASSEMBLIES, AS REQUIRED BY CODE.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. NO MEASUREMENTS SHALL BE SCALED FROM THE DRAWINGS. CONTRACTOR SHALL OBTAIN CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION IF A DIMENSION(S) IS IN QUESTION.
- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPLETED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY EITHER EXPRESSED OR IMPLIED FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. G.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
- DIMENSIONS AND NOTES ON ENLARGED PLANS AND DETAILS ARE TO FACE OF DRYWALL UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS NOTED WITH "C.D." ARE CRITICAL DIMENSIONS; DIMENSIONS NOTED "MIN." ARE MINIMUM DIMENSIONS.
- G.C. SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO TENDER SUBMISSION AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING TO WORK. FINAL CLEAN-UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THIS SITE TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK, LEAVE SITE FREE FROM DEBRIS, CLEAN ALL DUST, DIRT, STAINS, HANDS MARKS, PAINT SPOTS, DROPPINGS AND OTHERS BLEMISHES.
- THE CONTRACTOR SHALL PROVIDE A SECURE STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION.
- G.C. SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES AND COORDINATE SUCH USE PRIOR TO CONNECTION.
- G.C. SHALL PROVIDE SANITARY FACILITIES FOR WORKERS USE.
- THE G.C. SHALL FURNISH ALL MATERIALS, LABOR EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) ALL EQUIPMENT, WORK, AND MATERIALS SHALL COMPLY WITH ALL CURRENT AND LOCAL APPLICABLE CODES AND GOVERNING REGULATIONS AND THE CONTRACT DOCUMENTS.
- THE G.C. SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ABOVE AND BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES, AND EXISTING CONDITIONS. SCAN AND X-RAY SLAB AS REQUIRED BEFORE ANY DEMOLITION AND NOTIFY THE ARCHITECT OF LOCATION & FINDING.
- THE G.C. SHALL PROVIDE AND INSTALL ADEQUATE SOLID BLOCKING FOR ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, KITCHEN AND TOILET ACCESSORIES, FLAT SCREEN T.V. ETC. AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- G.C. IS RESPONSIBLE FOR ALL BALANCING AND RE-COMMISSIONING OF HVAC AND PLUMBING SYSTEMS, AS REQUIRED.
- PATCH AND REFINISH, FINISHES AS REQUIRED BY WORK PERFORMED BY OTHER TRADES (MECHANICAL, FIRE PROTECTION ETC).
- PROVIDE MIN 5% OF TOTAL OF TILE IN UNOPENED CARTONS OF EACH TYPE AND COLOUR OF TILE AND BASE REQUIRED FOR THE PROJECT, FOR MAINTENANCE USE. STORE WHERE DIRECTED.
- G.C. TO PROVIDE 6' HIGH TEMPORARY METAL FENCING AROUND JOB SITE AND SECURE DURING NON WORKING HOURS.
- G.C. TO PROVIDE TEMPORARY BRACES, SHORES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURES, UTILITIES AND RIGHT-OF-WAY MAY BE SUBJECTED DURING CONSTRUCTION. ALL SHORING TO BE APPROVED AND REVIEWED BY P. ENG. STAMPED AND SIGNED SHOP DRAWINGS SUBMITTED TO CITY BUILDING INSPECTOR AND ARCHITECT.
- G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD, MECHANICAL DUCT WORK, CEILING ELEMENTS AND WALL STUD FRAMING AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION.
- GC IS RESPONSIBLE FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS BY ALL AUTHORITIES HAVING JURISDICTION.
- GC SHALL OBTAIN ALL NECESSARY APPROVALS FROM MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE AND THE CITY WITH REGARDS TO INSTALLATION OF THE STORM AND SANITARY SEWERS AND WATER MAINS AND THE PROVISIONS OF SEWAGE HOLDING/TREATMENT FACILITIES.
- GC TO PROVIDE ACCESS TO ALL WORK AT ALL TIMES AND PROVIDE FULL COOPERATION AND SUFFICIENT, SAFE AND PROPER FACILITIES AT ALL TIMES FOR REVIEW OF WORK BY AND FOR INSPECTION OF THE WORK BY AUTHORIZED AGENCIES.
- GC TO REVIEW, SIGN AND DATE ALL SHOP DRAWINGS PRIOR TO SUBMITTING FOR ARCHITECT, CONSULTANTS AND ENGINEER'S REVIEW FOR APPROVAL.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#2 | 2024-03-05 |
| 03 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamilla Street, Ottawa, ON, K1S 3K9
t: 613 937 6801
f: 613 937 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 MCADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
CODE MATRIX
BUILDING A

SCALE: N.T.S. DRAWING #
DATE: JUN 2022
DRAWN BY: LE, SH.
A0.02A

ABBREVIATIONS:

| | | | | | | | |
|------|--------------------|------|------------------------|-------|----------------------------|------|------------------------|
| AD | AREA DRAIN | EXT | EXTERIOR | LAQ | LACQUERED | RD | ROOF DRAIN |
| ANOD | ANODIZED | EXTG | EXISTING | LAM | LAMINATED GLASS | RM | ROOM |
| ALUM | ALUMINIUM | F | LOCKER STACKED | LC | LOCKER CLEAN LAUNDRY | RWL | RAIN WATER LEADER |
| BB | BLACKBOARD | FIN | FINISH | LD | LOCKER DIRTY LAUNDRY | STL | STEEL |
| BH | BULKHEAD | FD | FLOOR DRAIN | LIT | LAY-IN TILE | ST | STAIN |
| BPG | BACK PAINTED GLASS | FF | FINISHED FLOOR | LP | LOW POINT | SS | STAINLESS STEEL |
| CANT | CANTILEVER | FL | FLOOR | MDF | MEDIUM DENSITY FIBRE BOARD | TD | SPANDREL GLASS PANEL |
| CL | CENTRE LINE | FRR | FIRE-RESISTANCE RATING | NIC | NOT IN CONTRACT | TG | TERRACE DRAIN |
| CEM | CEMENTITIOUS | FD | FLOOR DRAIN | OC | ON CENTER | TPG | TEMPERED GLASS PANEL |
| CFD | CONTROL FLOW DRAIN | GB | GRAB BAR | O/H | OVERHEAD | T.O. | TOP OF |
| CONC | CONCRETE | GL | GLAZED | PD | PLANTER DRAIN | U/S | UNDERSIDE OF |
| CB | CATCH BASIN | GWB | GYPSSUM WALL BOARD | PT | PAINT | UNO | UNLESS NOTED OTHERWISE |
| CONT | CONTINUOUS | GWG | GEORGIAN WIRE GLASS | PC | PRECAST CONCRETE | VR | VAPOUR RETARDER |
| CJ | CONTROL JOINT | HM | HOLLOW METAL | PL | PLATE GLASS | WB | WEATHER BARRIER |
| DF | DRINKING FOUNTAIN | HP | HIGH POINT | P.LAM | PLASTIC LAMINATE | WC | WATER CLOSET |
| DW | DISHWASHER | JT | JOINT LINE | | | WD | WOOD |

| ITEM | | ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 | | OBC REFERENCE | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUILDING B - KENNY-UPULL DEPOLLUTION AREA FIRM NAME: NICHOLAS CARAGIANIS ARCHITECT INC. 137 PAMILLA - OTTAWA, ONTARIO - K1S 3K9 PROJECT NAME: AIM KINGSTON LOCATION: 1533 MCADOO'S LANE, KINGSTON, ON. | | | | | | |
| 1 | PROJECT DESCRIPTION: | <input checked="" type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION <input type="checkbox"/> CHANGE OF USE: | <input type="checkbox"/> PART 11 11.1 TO 11.4 | <input checked="" type="checkbox"/> PART 3 1.1.2[A] | <input checked="" type="checkbox"/> PART 9 1.1.2[A] & 9.10.1.3 | |
| 2 | MAJOR OCCUPANCY(S) | F-2 MEDIUM HAZARD INDUSTRIAL OCCUPANCIES | | 3.1.2.1(1) | 9.10.2 | |
| 3 | BUILDING AREA(m ²) | EXISTING _____ NEW 347.66m ² TOTAL 347.66m ² | | 1.4.1.2[A] | 1.4.1.2[A] | |
| 4 | GROSS AREA (m ²) | EXISTING _____ NEW 347.66m ² TOTAL 347.66m ² | | 1.4.1.2[A] | 1.4.1.2[A] | |
| 5 | NUMBER OF STOREYS | BUILDING HEIGHT 7.55m ABOVE GRADE 1 BELOW GRADE 0 | | 1.4.1.2[A] & 3.2.1.1. | 1.4.1.2[A] & 9.10.4. | |
| 6 | NUMBER OF STREETS/FIRE FIGHTER ACCESS | 1 | | 3.2.2.10 & 3.2.5 | 9.10.20. | |
| 7 | BUILDING CLASSIFICATION | 9.10.2.1 (1) GROUP F-2 | | 3.2.2.20-83 | 9.10.2. | |
| 8 | SPRINKLER SYSTEM CONTROL | <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/> NOT REQUIRED | <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> IN LIEU OF ROOF RATING | 3.2.2.20-83 3.2.2.15 3.2.2.17 | 9.10.8.2. | |
| 9 | STANDPIPE REQUIRED | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | (F2 BUILDING FACING ONE STREET NO LESS THAN 200(m)) | 3.2.9. | N/A | |
| 10 | FIRE ALARM REQUIRED | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | THE COMBINATION OF ALL OF THE BUILDINGS MEET THIS REQUIREMENT | 3.2.4. | 9.10.18 | |
| 11 | WATER SERVICE/SUPPLY IS ADEQUATE | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | N/A | N/A | |
| 12 | HIGH BUILDING | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 3.2.6. | N/A | |
| 13 | PERMITTED CONSTRUCTION | <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input checked="" type="checkbox"/> BOTH | | 3.2.2.20-83 | 9.10.6 | |
| 14 | MEZZANINE(S) AREA sq.m | N/A | | 3.2.1.1.(3)-(8) 3.2.1.1.(4) | 9.10.4.1 | |
| 15 | OCCUPANT LOAD BASED ON | <input type="checkbox"/> m ² /PERSON (OFFICE) <input checked="" type="checkbox"/> DESIGN OF BUILDING (WAREHOUSE) | | 3.1.17 | 9.9.1.3 | |
| 16 | BARRIER-FREE DESIGN | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN) _____ | | 3.8 | 9.5.2 | |
| 17 | HAZARDOUS SUBSTANCES | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 3.3.1.2 & 3.3.1.19 | 9.10.1.3(4) | |
| 18 | REQUIRED FIRE RESISTANCE RATING (FRR) | HORIZONTAL ASSEMBLIES FRR (HOURS) FLOOR 0 MIN HOURS ROOF 0 MIN HOURS MEZZANINE 0 MIN HOURS FRR OF SUPPORTING MEMBERS FLOOR 0 MIN HOURS ROOF 0 MIN HOURS MEZZANINE 0 MIN HOURS OTHER FIRE RESISTANCE RATINGS | LISTED DESIGN NO. OR DESCRIPTION (SG-2) 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 LISTED DESIGN NO. OR DESCRIPTION (SG-2) | 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 | 9.10.8 9.10.9 | |
| 19 | SPATIAL SEPARATION-CONSTRUCTION OF EXTERIOR WALLS | | | 3.2.3.1.B | 9.10.14 | |
| 20 | PLUMBING FIXTURE REQUIREMENTS | | | 3.7.4.8 & 3.7.4.9 & 9.31 | | |
| 21 | 1st FLOOR OCCUPANCY MEZZANINE OCCUPANCY | BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10) BUILDING CODE REFERENCE | OCCUPANCY LOAD 10 3.7.4.8 07 3.7.4.9 08 3.7.4.9 10 3.7.4.9 TOTAL 35 | OBC TABLE NUMBER 3.7.4.8 3.7.4.9 3.7.4.9 3.7.4.9 | FIXTURES REQUIRED 1 PER SEX 1 MALE 1 PER SEX 1 PER SEX | FIXTURES PROVIDED <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 1 PER SEX UNI WC FOR MALE & FEMALE 1 PER SEX (MALE & FEMALE WASHROOM) 1 PER SEX (MALE & FEMALE WASHROOM) 1 PER SEX (MALE & FEMALE WASHROOM) |

22A page 52

SB-10 COMPLIANCE: SB-10 TABLE SBS.5-6 - 2017

| COMPONENT: RETAIL - HEATED | REQUIRED | PROVIDED |
|----------------------------|-----------------------|-----------------|
| ROOF | INSUL. ABOVE DECK | R-35 ci |
| WALLS ABOVE GRADE | MASS | R-19 ci |
| | METAL BUILDING | U0.045 |
| | STEEL FRAME | - |
| SLAB-ON-GRADE FLRS | UNHEATED | R-15 FOR 48 IN. |
| OPAQUE DOORS | SWINGING | U 0.45 |
| FENESTRATION | | MAX. U-VALUE |
| | | MAX. SHGC |
| | | MIN. VT/SHGC |
| | | MAX. U-VALUE |
| | | MAX. SHGC |
| | | MIN. VT/SHGC |
| | METAL FRAME: ENTRY DR | U 0.69 |
| | METAL FRAME: FIXED | U 0.38 |
| | SKYLIGHT | - |

22B

Wall Area Breakdown - Wall Area & Area of Vertical Fenestration

| Wall | Wall Area (m ²) | Area of Vertical Fenestration (m ²) (including windows, doors and mechanical openings) |
|-----------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------|
| NORTH | INTERIOR FIRE WALL | |
| WEST | 94.51 m ² | 6.32 m ² |
| SOUTH | 181.35 m ² | 54.36 m ² |
| EAST | INTERIOR FIRE WALL | |
| TOTAL | 275.86 m ² | 60.68 m ² |
| PERCENTAGE OF WALL HAVING FENESTRATION: 22% (40% maximum) | | |

GENERAL NOTES

- CODE COMPLIANCE: WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, PROVINCIAL, AND FEDERAL CODES INCLUDING NFPA; AND USE TESTED AND CERTIFIED ASSEMBLIES, AS REQUIRED BY CODE.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. NO MEASUREMENTS SHALL BE SCALED FROM THE DRAWINGS. CONTRACTOR SHALL OBTAIN CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION IF A DIMENSION(S) IS IN QUESTION.
- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPLETED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY EITHER EXPRESSED OR IMPLIED FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. G.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS, NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
- DIMENSIONS AND NOTES ON ENLARGED PLANS AND DETAILS ARE TO OVERRULE SMALLER SCALE DRAWINGS. ALL DIMENSIONS ARE TO FACE OF DRYWALL UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS NOTED WITH "C.D." ARE CRITICAL DIMENSIONS; DIMENSIONS NOTED "MIN." ARE MINIMUM DIMENSIONS.
- G.C. SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO TENDER SUBMISSION AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING TO WORK. FINAL CLEAN-UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THIS SITE TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK, LEAVE SITE FREE FROM DEBRIS, CLEAN ALL DUST, DIRT, STAINS, HANDS MARKS, PAINT SPOTS, DROPPINGS AND OTHER BLEMISHES
- THE CONTRACTOR SHALL PROVIDE A SECURE STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION.
- G.C. SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES AND COORDINATE SUCH USE PRIOR TO CONNECTION.
- G.C. SHALL PROVIDE SANITARY FACILITIES FOR WORKERS USE.
- THE G.C. SHALL FURNISH ALL MATERIALS, LABOR EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) ALL EQUIPMENT, WORK, AND MATERIALS SHALL COMPLY WITH ALL CURRENT AND LOCAL APPLICABLE CODES AND GOVERNING REGULATIONS AND THE CONTRACT DOCUMENTS.
- THE G.C. SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ABOVE AND BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES, AND EXISTING CONDITIONS. SCAN AND X-RAY SLAB AS REQUIRED BEFORE ANY DEMOLITION AND NOTIFY THE ARCHITECT OF LOCATION & FINDING.
- THE G.C. SHALL PROVIDE AND INSTALL ADEQUATE SOLID BLOCKING FOR ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, KITCHEN AND TOILET ACCESSORIES, FLAT SCREEN T.V. ETC. AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- G.C. IS RESPONSIBLE FOR ALL BALANCING AND RE-COMMISSIONING OF HVAC AND PLUMBING SYSTEMS, AS REQUIRED.
- PATCH AND REFINISH, FINISHES AS REQUIRED BY WORK PERFORMED BY OTHER TRADES (MECHANICAL, FIRE PROTECTION ETC).
- PROVIDE MIN 5% OF TOTAL OF TILE IN UNOPENED CARTONS OF EACH TYPE AND COLOUR OF TILE AND BASE REQUIRED FOR THE PROJECT, FOR MAINTENANCE USE. STORE WHERE DIRECTED.
- G.C. TO PROVIDE 6' HIGH TEMPORARY METAL FENCING AROUND JOB SITE AND SECURE DURING NON WORKING HOURS.
- G.C. TO PROVIDE TEMPORARY BRACES, SHORES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURES, UTILITIES AND RIGHT-OF-WAY MAY BE SUBJECTED DURING CONSTRUCTION. ALL SHORING TO BE APPROVED AND REVIEWED BY P. ENG. STAMPED AND SIGNED SHOP DRAWINGS SUBMITTED TO CITY BUILDING INSPECTOR AND ARCHITECT.
- G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD, MECHANICAL DUCT WORK, CEILING ELEMENTS AND WALL STUD FRAMING AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION.
- GC IS RESPONSIBLE FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS BY ALL AUTHORITIES HAVING JURISDICTION.
- GC SHALL OBTAIN ALL NECESSARY APPROVALS FROM MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE AND THE CITY WITH REGARDS TO INSTALLATION OF THE STORM AND SANITARY SEWERS AND WATER MAINS AND THE PROVISIONS OF SEWAGE HOLDING/TREATMENT FACILITIES.
- GC TO PROVIDE ACCESS TO ALL WORK AT ALL TIMES AND PROVIDE FULL COOPERATION AND SUFFICIENT, SAFE AND PROPER FACILITIES AT ALL TIMES FOR REVIEW OF WORK BY AND FOR INSPECTION OF THE WORK BY AUTHORIZED AGENCIES.
- GC TO REVIEW, SIGN AND DATE ALL SHOP DRAWINGS PRIOR TO SUBMITTING FOR ARCHITECT, CONSULTANTS AND ENGINEER'S REVIEW FOR APPROVAL.

- Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
- All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#2 | 2024-03-06 |
| 03 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
 137 Pamilia Street, Ottawa, ON, K1S 3K9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 MCADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER **20014**

TITLE OF DRAWING
CODE MATRIX
BUILDING B

SCALE: N.T.S.

DATE: JUN 2022

DRAWN BY: LE, SH.

DRAWING # **A0.02B**

ABBREVIATIONS:

| | | | | | | | |
|------|--------------------|------|------------------------|-------|----------------------------|------|------------------------|
| AD | AREA DRAIN | EXT | EXTERIOR | LAQ | LACQUERED | RD | ROOF DRAIN |
| ANOD | ANODIZED | EXTG | EXISTING | LAM | LAMINATED GLASS | RM | ROOM |
| ALUM | ALUMINIUM | F | LOCKER STACKED | LC | LOCKER CLEAN LAUNDRY | RWL | RAIN WATER LEADER |
| BB | BLACKBOARD | FIN | FINISH | LD | LOCKER DIRTY LAUNDRY | STL | STEEL |
| BH | BULKHEAD | FD | FLOOR DRAIN | LIT | LAY-IN TILE | ST | STAIN |
| BPG | BACK PAINTED GLASS | FF | FINISHED FLOOR | LP | LOW POINT | SS | STAINLESS STEEL |
| CANT | CANTILEVER | FL | FLOOR | MDF | MEDIUM DENSITY FIBRE BOARD | SG | SPANDREL GLASS PANEL |
| CL | CENTRE LINE | FRR | FIRE-RESISTANCE RATING | NIC | NOT IN CONTRACT | TD | TERRACE DRAIN |
| CEM | CEMENTITIOUS | FD | FLOOR DRAIN | OC | ON CENTER | TG | TEMPERED GLASS PANEL |
| CFD | CONTROL FLOW DRAIN | GB | GRAB BAR | O/H | OVERHEAD | T.O. | TOP OF |
| CONC | CONCRETE | GL | GLAZED | PD | PLANTER DRAIN | U/S | UNDERSIDE OF |
| CB | CATCH BASIN | GWB | GYPSON WALL BOARD | PT | PAINT | UNO | UNLESS NOTED OTHERWISE |
| CONT | CONTINUOUS | GWG | GEORGIAN WIRE GLASS | PC | PRECAST CONCRETE | VR | VAPOUR RETARDER |
| CJ | CONTROL JOINT | HM | HOLLOW METAL | PL | PLATE GLASS | WB | WEATHER BARRIER |
| DF | DRINKING FOUNTAIN | HP | HIGH POINT | P.LAM | PLASTIC LAMINATE | WC | WATER CLOSET |
| DW | DISHWASHER | JT | JOINT LINE | | | WD | WOOD |

| BUILDING C - AIM RECYCLING WAREHOUSE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------------|---------------------------------------------|--|--|--|----------------|------------------|-------------------|-------------------|--------------------------------------------|--------------------------------------------|----|---------|-----------|-----------|--|--|----|---------|--------|------------------------------------|--|--|----|---------|-----------|------------------------------------|--|--|----|---------|-----------|------------------------------------|--|--|----------|--|--|--|--|--|
| FIRM NAME: NICHOLAS CARAGIANIS ARCHITECT INC. 137 PAMILLA - OTTAWA, ONTARIO - K1S 3K9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT NAME: AIM KINGSTON LOCATION: 1533 MCADOO'S LANE, KINGSTON, ON. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM | ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 | | | | | OBC REFERENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PROJECT DESCRIPTION: | <input checked="" type="checkbox"/> NEW <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION | <input type="checkbox"/> PART 11 11.1 TO 11.4 | <input checked="" type="checkbox"/> PART 3 1.1.2 [A] | <input checked="" type="checkbox"/> PART 9 1.1.2 [A] & 9.10.1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | MAJOR OCCUPANCY(S) | F-3 LOW HAZARD INDUSTRIAL OCCUPANCIES | | 3.1.2.1.(1) | 9.10.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | BUILDING AREA (m ²) | EXISTING _____ NEW 503.01m ² TOTAL 503.01m ² | | 1.4.1.2 [A] | 1.4.1.2 [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | GROSS AREA (m ²) | EXISTING _____ NEW 503.01m ² TOTAL 503.01m ² | | 1.4.1.2 [A] | 1.4.1.2 [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | NUMBER OF STOREYS | BUILDING HEIGHT 7.55m ABOVE GRADE 1 BELOW GRADE 0 | | 1.4.1.2 [A] & 3.2.1.1 | 1.4.1.2 [A] & 9.10.4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | NUMBER OF STREETS/FIRE FIGHTER ACCESS | 1 | | 3.2.2.10 & 3.2.5 | 9.10.20 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | BUILDING CLASSIFICATION | 9.10.2.1 (1) GROUP F-3 | | 3.2.2.20-83 | 9.10.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | SPRINKLER SYSTEM CONTROL | <input type="checkbox"/> EXISTING <input type="checkbox"/> PROPOSED <input checked="" type="checkbox"/> NOT REQUIRED | <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> IN LIEU OF ROOF RATING | 3.2.2.20-83 3.2.2.15 3.2.2.17 | 9.10.8.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | STANDPIPE REQUIRED | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | (F3 BUILDING FACING ONE STREET LESS THAN 300sq.m) | 3.2.9. | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | FIRE ALARM REQUIRED | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | THE COMBINATION OF ALL OF THE BUILDINGS MEET THIS REQUIREMENT | 3.2.4. | 9.10.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | WATER SERVICE/SUPPLY IS ADEQUATE | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO | | N/A | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | HIGH BUILDING | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 3.2.6. | N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | PERMITTED CONSTRUCTION | <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE | <input type="checkbox"/> BOTH | 3.2.2.20-83 | 9.10.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | MEZZANINE(S) AREA sq.m | AREA OF OPEN PLATFORMS TO MEC. EQUIPMENT ARE LESS THAN 40% OF THE OPEN FLOOR AREA BELOW | | 3.2.1.1.(3)-(8) 3.2.1.1.(3) | 9.10.4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | OCCUPANT LOAD BASED ON 1st FLOOR | <input type="checkbox"/> m ² /PERSON (OFFICE) OCCUPANCY F-3 ALLOWED LOAD TOTAL-18 WH(18) PERSONS TOTAL WAREHOUSE AREA +490.1128*18 PERSONS <input checked="" type="checkbox"/> DESIGN OF BUILDING (WAREHOUSE) PROPOSED LOAD TOTAL-08 WH(08) PERSONS | | 3.1.17 | 9.9.1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | BARRIER-FREE DESIGN | <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN) | | 3.8 | 9.5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | HAZARDOUS SUBSTANCES | <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO | | 3.3.1.2 & 3.3.1.19 | 9.10.1.3(4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | REQUIRED FIRE RESISTANCE RATING (FRR) | HORIZONTAL ASSEMBLIES FRR (HOURS) | | LISTED DESIGN NO. OR DESCRIPTION (SQ-2) | | 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRR OF SUPPORTING MEMBERS | | | | LISTED DESIGN NO. OR DESCRIPTION (SQ-2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE | | 0 MIN HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER FIRE RESISTANCE RATINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1.10.2 | | EAST FIRE SEPARATION WALL | 4 HOUR | 10' (2400mm) CONCRETE BLOCK WALL MIN. 75% SEMI-SOLID S OR N CONCRETE TYPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1.10.2 | WEST FIRE SEPARATION WALL | 4 HOUR | 10' (2400mm) CONCRETE BLOCK WALL MIN. 75% SEMI-SOLID S OR N CONCRETE TYPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | SPATIAL SEPARATION-CONSTRUCTION OF EXTERIOR WALLS | | | 3.2.3.1.B | 9.10.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | PLUMBING FIXTURE REQUIREMENTS | 3.7.4.8 & 3.7.4.9 & 9.3.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st FLOOR OCCUPANCY BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE OCCUPANCY BUILDING CODE REFERENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>OCCUPANCY LOAD</th> <th>OBC TABLE NUMBER</th> <th>FIXTURES REQUIRED</th> <th>FIXTURES PROVIDED</th> <th><input checked="" type="checkbox"/> PART 3</th> <th><input checked="" type="checkbox"/> PART 9</th> </tr> </thead> <tbody> <tr> <td>10</td> <td>3.7.4.8</td> <td>1 PER SEX</td> <td>1 PER SEX</td> <td></td> <td></td> </tr> <tr> <td>07</td> <td>3.7.4.9</td> <td>1 MALE</td> <td>1 PER SEX (MALE & FEMALE WASHROOM)</td> <td></td> <td></td> </tr> <tr> <td>08</td> <td>3.7.4.9</td> <td>1 PER SEX</td> <td>1 PER SEX (MALE & FEMALE WASHROOM)</td> <td></td> <td></td> </tr> <tr> <td>10</td> <td>3.7.4.9</td> <td>1 PER SEX</td> <td>1 PER SEX (MALE & FEMALE WASHROOM)</td> <td></td> <td></td> </tr> <tr> <td colspan="2">TOTAL 35</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> | | | | | | | | | | OCCUPANCY LOAD | OBC TABLE NUMBER | FIXTURES REQUIRED | FIXTURES PROVIDED | <input checked="" type="checkbox"/> PART 3 | <input checked="" type="checkbox"/> PART 9 | 10 | 3.7.4.8 | 1 PER SEX | 1 PER SEX | | | 07 | 3.7.4.9 | 1 MALE | 1 PER SEX (MALE & FEMALE WASHROOM) | | | 08 | 3.7.4.9 | 1 PER SEX | 1 PER SEX (MALE & FEMALE WASHROOM) | | | 10 | 3.7.4.9 | 1 PER SEX | 1 PER SEX (MALE & FEMALE WASHROOM) | | | TOTAL 35 | | | | | |
| OCCUPANCY LOAD | OBC TABLE NUMBER | FIXTURES REQUIRED | FIXTURES PROVIDED | <input checked="" type="checkbox"/> PART 3 | <input checked="" type="checkbox"/> PART 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 3.7.4.8 | 1 PER SEX | 1 PER SEX | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 07 | 3.7.4.9 | 1 MALE | 1 PER SEX (MALE & FEMALE WASHROOM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 08 | 3.7.4.9 | 1 PER SEX | 1 PER SEX (MALE & FEMALE WASHROOM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | 3.7.4.9 | 1 PER SEX | 1 PER SEX (MALE & FEMALE WASHROOM) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | OTHER-DESCRIBE | *WASHROOMS ARE ALL WITHIN 45M OF EACH OTHER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| 22A | | page 52 | | | | | |
|----------------------------------------------|-----------------------|-----------------|-----------------|--------------|--------------|-----------|--------------|
| SB-10 COMPLIANCE: SB-10 TABLE SB5.5-6 - 2017 | | | | | | | |
| COMPONENT: RETAIL - HEATED | | REQUIRED | | | PROVIDED | | |
| ROOF | INSUL. ABOVE DECK | R-35 ci | R-35 ci | | | | |
| WALLS ABOVE GRADE | MASS | R-19 ci | R-20 ci | | | | |
| | METAL BUILDING | U0.045 | U0.045 | | | | |
| | STEEL FRAME | - | - | | | | |
| SLAB-ON-GRADE FLRS | UNHEATED | R-15 FOR 48 IN. | R-15 FOR 48 IN. | | | | |
| OPAQUE DOORS | SWINGING | U 0.45 | U 0.45 | | | | |
| FENESTRATION | | MAX. U-VALUE | MAX. SHGC | MIN. VT/SHGC | MAX. U-VALUE | MAX. SHGC | MIN. VT/SHGC |
| | METAL FRAME: ENTRY DR | U 0.69 | 0.40 | 1.10 | U 0.69 | 0.40 | 1.10 |
| | METAL FRAME: FIXED | U 0.38 | | | U 0.38 | | |
| | SKYLIGHT | - | - | - | - | - | - |

| 22B Wall Area Breakdown - Wall Area & Area of Vertical Fenestration | | |
|---------------------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------|
| Wall | Wall Area (m ²) | Area of Vertical Fenestration (m ²) (including windows, doors and mechanical openings) |
| NORTH | 117.21 m ² | 11.59 m ² |
| WEST | INTERIOR FIRE WALL | |
| SOUTH | 116.96 m ² | 26.96 m ² |
| EAST | INTERIOR FIRE WALL | |
| TOTAL | 234.17 m ² | 38.55 m ² |
| PERCENTAGE OF WALL HAVING FENESTRATION: 17% (40% maximum) | | |

GENERAL NOTES

- CODE COMPLIANCE: WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, PROVINCIAL, AND FEDERAL CODES INCLUDING NFPA; AND USE TESTED AND CERTIFIED ASSEMBLIES, AS REQUIRED BY CODE.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. NO MEASUREMENTS SHALL BE SCALED FROM THE DRAWINGS. CONTRACTOR SHALL OBTAIN CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION IF A DIMENSION(S) IS IN QUESTION.
- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPLETED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY EITHER EXPRESSED OR IMPLIED FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. G.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
- DIMENSIONS AND NOTES ON ENLARGED PLANS AND DETAILS ARE TO FACE OF DRYWALL UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS NOTED WITH "C.D." ARE CRITICAL DIMENSIONS; DIMENSIONS NOTED "MIN." ARE MINIMUM DIMENSIONS.
- G.C. SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO TENDER SUBMISSION AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING TO WORK. FINAL CLEAN-UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THIS SITE TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS. CONFORM TO PERTAINING FEDERAL AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK, LEAVE SITE FREE FROM DEBRIS, CLEAN ALL DUST, DIRT, STAINS, HANDS MARKS, PAINT SPOTS, DROPPINGS AND OTHERS BLEMMISHES.
- THE CONTRACTOR SHALL PROVIDE A SECURE STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION.
- G.C. SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES AND COORDINATE SUCH USE PRIOR TO CONNECTION.
- G.C. SHALL PROVIDE SANITARY FACILITIES FOR WORKERS USE.
- THE G.C. SHALL FURNISH ALL MATERIALS, LABOR EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) ALL EQUIPMENT, WORK, AND MATERIALS SHALL COMPLY WITH ALL CURRENT AND LOCAL APPLICABLE CODES AND GOVERNING REGULATIONS AND THE CONTRACT DOCUMENTS.
- THE G.C. SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ABOVE AND BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES, AND EXISTING CONDITIONS. SCAN AND X-RAY SLAB AS REQUIRED BEFORE ANY DEMOLITION AND NOTIFY THE ARCHITECT OF LOCATION & FINDING.
- THE G.C. SHALL PROVIDE AND INSTALL ADEQUATE SOLID BLOCKING FOR ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, KITCHEN AND TOILET ACCESSORIES, FLAT SCREEN T.V. ETC. AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- G.C. IS RESPONSIBLE FOR ALL BALANCING AND RE-COMMISSIONING OF HVAC AND PLUMBING SYSTEMS, AS REQUIRED.
- PATCH AND REFINISH, FINISHES AS REQUIRED BY WORK PERFORMED BY OTHER TRADES (MECHANICAL, FIRE PROTECTION ETC).
- PROVIDE MIN 5% OF TOTAL OF TILE IN UNOPENED CARTONS OF EACH TYPE AND COLOUR OF TILE AND BASE REQUIRED FOR THE PROJECT, FOR MAINTENANCE USE. STORE WHERE DIRECTED.
- G.C. TO PROVIDE 6' HIGH TEMPORARY METAL FENCING AROUND JOB SITE AND SECURE DURING NON WORKING HOURS.
- G.C. TO PROVIDE TEMPORARY BRACES, SHORES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURES, UTILITIES AND RIGHT-OF-WAY MAY BE SUBJECTED DURING CONSTRUCTION. ALL SHORING TO BE APPROVED AND REVIEWED BY P. ENG. STAMPED AND SIGNED SHOP DRAWINGS SUBMITTED TO CITY BUILDING INSPECTOR AND ARCHITECT.
- G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD, MECHANICAL DUCT WORK, CEILING ELEMENTS AND WALL STUD FRAMING AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION.
- GC IS RESPONSIBLE FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS BY ALL AUTHORITIES HAVING JURISDICTION.
- GC SHALL OBTAIN ALL NECESSARY APPROVALS FROM MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE AND THE CITY WITH REGARDS TO INSTALLATION OF THE STORM AND SANITARY SEWERS AND WATER MAINS AND THE PROVISIONS OF SEWAGE HOLDING/TREATMENT FACILITIES.
- GC TO PROVIDE ACCESS TO ALL WORK AT ALL TIMES AND PROVIDE FULL COOPERATION AND SUFFICIENT, SAFE AND PROPER FACILITIES AT ALL TIMES FOR REVIEW OF WORK BY AND FOR INSPECTION OF THE WORK BY AUTHORIZED AGENCIES.
- GC TO REVIEW, SIGN AND DATE ALL SHOP DRAWINGS PRIOR TO SUBMITTING FOR ARCHITECT, CONSULTANTS AND ENGINEER'S REVIEW FOR APPROVAL.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#2 | 2024-03-05 |
| 03 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamilla Street,
Ottawa, ON, K1S 3K9
t: 613 937 6801
f: 613 937 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 MCADOO'S LANE
KINGSTON

OFFICE FILE NUMBER **20014**

TITLE OF DRAWING
**CODE MATRIX
BUILDING C**

SCALE: **N.T.S.**
DATE: **JUN 2022**
DRAWN BY: **LE, SH.**
DRAWING # **A0.02C**

ABBREVIATIONS:

| | | | | | | | |
|------|--------------------|------|------------------------|-------|----------------------------|------|------------------------|
| AD | AREA DRAIN | EXT | EXTERIOR | LAQ | LACQUERED | RD | ROOF DRAIN |
| ANOD | ANODIZED | EXTG | EXISTING | LAM | LAMINATED GLASS | RM | ROOM |
| ALUM | ALUMINIUM | F | LOCKER STACKED | LC | LOCKER CLEAN LAUNDRY | RWL | RAIN WATER LEADER |
| BB | BLACKBOARD | FIN | FINISH | LD | LOCKER DIRTY LAUNDRY | STL | STEEL |
| BH | BULKHEAD | FD | FLOOR DRAIN | LIT | LAY-IN TILE | ST | STAIN |
| BPG | BACK PAINTED GLASS | FF | FINISHED FLOOR | LP | LOW POINT | SS | STAINLESS STEEL |
| CANT | CANTILEVER | FL | FLOOR | MDF | MEDIUM DENSITY FIBRE BOARD | SD | SPANDREL GLASS PANEL |
| CL | CENTRE LINE | FRR | FIRE-RESISTANCE RATING | NIC | NOT IN CONTRACT | TG | TERRACE DRAIN |
| CEM | CEMENTITIOUS | FD | FLOOR DRAIN | OC | ON CENTER | TG | TEMPERED GLASS PANEL |
| CFD | CONTROL FLOW DRAIN | GB | GRAB BAR | O/H | OVERHEAD | T.O. | TOP OF |
| CONC | CONCRETE | GL | GLAZED | PD | PLANTER DRAIN | U/S | UNDERSIDE OF |
| CB | CATCH BASIN | GWB | GYPSPUM WALL BOARD | PT | PAINT | UNO | UNLESS NOTED OTHERWISE |
| CONT | CONTINUOUS | GWG | GEORGIAN WIRE GLASS | PC | PRECAST CONCRETE | VR | VAPOUR RETARDER |
| CJ | CONTROL JOINT | HM | HOLLOW METAL | PL | PLATE GLASS | WB | WEATHER BARRIER |
| DF | DRINKING FOUNTAIN | HP | HIGH POINT | P.LAM | PLASTIC LAMINATE | WC | WATER CLOSET |
| DW | DISHWASHER | JT | JOINT LINE | | | WD | WOOD |

| BUILDING D - AIM DRIVE THRU & OFFICE BUILDING | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------------|--------------------------------------------|---------------------------------------------|--------------------------------------------|---------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|------------------------------------------------------|------------------------|-------|----|---------------------|-----------------|-------------|-------------------|---|---|---------------------------|-----------------------------------------|----|----------------------------------------|-------|-------------|---------------------|---------------|------|------|------------|-------------|-----------------------|-----------------------|----|----------------------------------------|-------------|----|----------------------------------------------------------------------|--|-------------------------------|--|--|--|--|----------|--------------------------------------------------------------------------|----------|----------------------------------------------------------------------------|------|----------|----------------------------------------------------------------------------------------------------------------------------|----------|-------------------------------------------------------------------------------------------------|--|----------|---------------------------|--------|-----------------------------------------------------------------------|--|--|--|--|--|----------------------|---------------|-------|--------------|---|---|-----------------------|-----------------------|----------|-----------------------------------------------|
| FIRM NAME: NICHOLAS CARAGIANIS ARCHITECT INC. 137 PAMILLA - OTTAWA, ONTARIO - K1S 3K9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| PROJECT NAME: AIM KINGSTON LOCATION: 1533 MCADOO'S LANE, KINGSTON, ON. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ITEM | ONTARIO BUILDING CODE DATA MATRIX PARTS 3 & 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | PROJECT DESCRIPTION: <input checked="" type="checkbox"/> NEW <input type="checkbox"/> PART 11 11.1 TO 11.4 <input type="checkbox"/> PART 3 1.1.2 [A] <input checked="" type="checkbox"/> PART 9 1.1.2 [A] & 9.10.1.3 <input type="checkbox"/> CHANGE OF USE: <input type="checkbox"/> ADDITION <input type="checkbox"/> ALTERATION | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | MAJOR OCCUPANCY(S) F-3 LOW HAZARD INDUSTRIAL OCCUPANCIES 3.1.2.1.(1) 9.10.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | BUILDING AREA(m ²) EXISTING _____ NEW 347.05m ² TOTAL 347.05m ² 1.4.1.2 [A] 1.4.1.2 [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | GROSS FLOOR AREA (m ²) EXISTING _____ NEW 381.60m ² TOTAL 381.60m ² 1.4.1.2 [A] 1.4.1.2 [A] | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | NUMBER OF STOREYS BUILDING HEIGHT 7.55m ABOVE GRADE 1 BELOW GRADE 0 1.4.1.2 [A] & 3.2.1.1. 1.4.1.2 [A] & 9.10.4. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | NUMBER OF STREETS/FIRE FIGHTER ACCESS 1 3.2.2.10 & 3.2.5 9.10.20. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | BUILDING CLASSIFICATION 9.10.2.1 (1) GROUP F-3 3.2.2.20-83 9.10.2. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | SPRINKLER SYSTEM CONTROL <input type="checkbox"/> EXISTING <input type="checkbox"/> ENTIRE BUILDING <input type="checkbox"/> BASEMENT ONLY <input type="checkbox"/> PROPOSED <input type="checkbox"/> IN LIEU OF ROOF RATING <input checked="" type="checkbox"/> NOT REQUIRED 3.2.2.20-83 9.10.8.2. 3.2.2.15 3.2.2.17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 9 | STANDPIPE REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO (IF BUILDING FACING ONE STREET NO LESS THAN 300sq.m) 3.2.9. N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 10 | FIRE ALARM REQUIRED <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO THE COMBINATION OF ALL OF THE BUILDINGS MEET THIS REQUIREMENT 3.2.4. 9.10.18 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11 | WATER SERVICE/SUPPLY IS ADEQUATE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO N/A N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 12 | HIGH BUILDING <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 3.2.6. N/A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 13 | PERMITTED CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH 3.2.2.20-83 9.10.6 ACTUAL CONSTRUCTION <input type="checkbox"/> COMBUSTIBLE <input checked="" type="checkbox"/> NON-COMBUSTIBLE <input type="checkbox"/> BOTH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14 | MEZZANINE(S) AREA sq.m BUILDING D FLOOR AREA = 327.67 sq.m 3.2.1.1 (3)-(8) 9.10.4.1 ENCLOSED MEZZANINE AREA = 27.69 sq.m (IS LESS THAN 10%) 3.2.1.1 (4)(b) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 15 | OCCUPANT LOAD BASED ON <input type="checkbox"/> m ² /PERSON (OFFICE) <input checked="" type="checkbox"/> DESIGN OF BUILDING (WAREHOUSE) 3.1.17 9.9.1.3 1st FLOOR OCCUPANCY F-3 ALLOWED LOAD TOTAL-21 OFFICE(13) WH(08) PERSONS TOTAL OFFICE AREA = 121.06/9.3 = 13 PERSONS PROPOSED LOAD TOTAL-10 OFFICE(08) WH(02) PERSONS TOTAL WAREHOUSE AREA = 206.26/28 = 08 PERSONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 16 | BARRIER-FREE DESIGN <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO (EXPLAIN) 3.8 9.5.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17 | HAZARDOUS SUBSTANCES <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO 3.3.1.2 & 3.3.1.19 9.10.1.3(4) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18 | <table border="1"> <thead> <tr> <th>REQUIRED FIRE RESISTANCE RATING (FRR)</th> <th>HORIZONTAL ASSEMBLIES FRR (HOURS)</th> <th>LISTED DESIGN NO. OR DESCRIPTION (IS-2)</th> <th>3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1</th> <th>9.10.8 9.10.9</th> </tr> </thead> <tbody> <tr> <td>FLOOR 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ROOF 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MEZZANINE 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <th>FRR OF SUPPORTING MEMBERS</th> <th>LISTED DESIGN NO. OR DESCRIPTION (IS-2)</th> <th></th> <th></th> <th></th> </tr> <tr> <td>FLOOR 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>ROOF 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <td>MEZZANINE 0 MIN</td> <td>_____ HOURS</td> <td></td> <td></td> <td></td> </tr> <tr> <th>OTHER FIRE RESISTANCE RATINGS</th> <th></th> <th></th> <th></th> <th></th> </tr> <tr> <td>3.2.3.18</td> <td>WALL & MEZZ FLOOR BETWEEN OFFICE & WAREHOUSE SHIPPING AND RECEIVING AREA</td> <td>1.5 HOUR</td> <td>FLOOR ULC D798 & WALLS ULC U414 ENCLOSURE - ALL WINDOWS & DOORS 1HR F.P.R.</td> <td></td> </tr> <tr> <td>3.3.1.20</td> <td>JANITOR</td> <td>3/4 HOUR</td> <td>WALLS BETWEEN JAN. AND WAREHOUSE ULC U414 WALL BETWEEN JAN. AND JAN. ULC W453, CEILING ULC D798</td> <td></td> </tr> <tr> <td>3.1.10.2</td> <td>WEST FIRE SEPARATION WALL</td> <td>4 HOUR</td> <td>1" (25mm) CONCRETE BLOOR WALL MIN. 70% SEM-SOLID S OR N CONCRETE TYPE</td> <td></td> </tr> </tbody> </table> | REQUIRED FIRE RESISTANCE RATING (FRR) | HORIZONTAL ASSEMBLIES FRR (HOURS) | LISTED DESIGN NO. OR DESCRIPTION (IS-2) | 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 | 9.10.8 9.10.9 | FLOOR 0 MIN | _____ HOURS | | | | ROOF 0 MIN | _____ HOURS | | | | MEZZANINE 0 MIN | _____ HOURS | | | | FRR OF SUPPORTING MEMBERS | LISTED DESIGN NO. OR DESCRIPTION (IS-2) | | | | FLOOR 0 MIN | _____ HOURS | | | | ROOF 0 MIN | _____ HOURS | | | | MEZZANINE 0 MIN | _____ HOURS | | | | OTHER FIRE RESISTANCE RATINGS | | | | | 3.2.3.18 | WALL & MEZZ FLOOR BETWEEN OFFICE & WAREHOUSE SHIPPING AND RECEIVING AREA | 1.5 HOUR | FLOOR ULC D798 & WALLS ULC U414 ENCLOSURE - ALL WINDOWS & DOORS 1HR F.P.R. | | 3.3.1.20 | JANITOR | 3/4 HOUR | WALLS BETWEEN JAN. AND WAREHOUSE ULC U414 WALL BETWEEN JAN. AND JAN. ULC W453, CEILING ULC D798 | | 3.1.10.2 | WEST FIRE SEPARATION WALL | 4 HOUR | 1" (25mm) CONCRETE BLOOR WALL MIN. 70% SEM-SOLID S OR N CONCRETE TYPE | | | | | | | | | | | | | | | |
| REQUIRED FIRE RESISTANCE RATING (FRR) | HORIZONTAL ASSEMBLIES FRR (HOURS) | LISTED DESIGN NO. OR DESCRIPTION (IS-2) | 3.2.2.20-83 & 3.2.1.4 3.3.5.6 3.4.4.1 | 9.10.8 9.10.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FRR OF SUPPORTING MEMBERS | LISTED DESIGN NO. OR DESCRIPTION (IS-2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| FLOOR 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ROOF 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE 0 MIN | _____ HOURS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| OTHER FIRE RESISTANCE RATINGS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.2.3.18 | WALL & MEZZ FLOOR BETWEEN OFFICE & WAREHOUSE SHIPPING AND RECEIVING AREA | 1.5 HOUR | FLOOR ULC D798 & WALLS ULC U414 ENCLOSURE - ALL WINDOWS & DOORS 1HR F.P.R. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.3.1.20 | JANITOR | 3/4 HOUR | WALLS BETWEEN JAN. AND WAREHOUSE ULC U414 WALL BETWEEN JAN. AND JAN. ULC W453, CEILING ULC D798 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3.1.10.2 | WEST FIRE SEPARATION WALL | 4 HOUR | 1" (25mm) CONCRETE BLOOR WALL MIN. 70% SEM-SOLID S OR N CONCRETE TYPE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 19 | SPATIAL SEPARATION-CONSTRUCTION OF EXTERIOR WALLS 3.2.3.1.B 9.10.14 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>WALL</th> <th>CMPT #</th> <th>AREA OF EBF (m²)</th> <th>L.D. (m)</th> <th>L/H OR HAL</th> <th>PERMITTED MAX. % & AREA (SQ.M) OF OPENINGS</th> <th>FRR & % OF WALL REQ'D FRR & % OF WALL PRIVD</th> <th>LISTED DESIGN OF DESCRIPTION</th> <th>TYPE OF CONSTRUCTION REQUIRED</th> <th>TYPE OF CLADDING REQUIRED</th> <th>EXTERIOR WALL PERCENTAGE & AREA (SQ.M) REQUIRING FRR</th> <th>PROPOSED % OF O.P.E.S.</th> </tr> </thead> <tbody> <tr> <td>NORTH</td> <td>#1</td> <td>80.83m²</td> <td>24.48m (>12m)</td> <td><3:1</td> <td>3.2.3.10 (2) 100%</td> <td>-</td> <td>-</td> <td>COMBUST & NON-COMBUST</td> <td>COMBUST & NON-COMBUST</td> <td>0%</td> <td>22.26m² = 27% 100-27 = 73%</td> </tr> <tr> <td>SOUTH</td> <td>#1</td> <td>80.83m²</td> <td>21.38m (>25m)</td> <td><3:1</td> <td>100%</td> <td>-</td> <td>-</td> <td>COMBUST & NON-COMBUST</td> <td>COMBUST & NON-COMBUST</td> <td>0%</td> <td>19.52m² = 24% 100-24 = 76%</td> </tr> <tr> <td>WEST</td> <td>#1</td> <td colspan="11">4HR FIRE WALL WITH NO OPENING MORE THAN 11SQ.M AS PER O.B.C.-3.1.8.6</td> </tr> <tr> <td>EAST</td> <td>#1</td> <td colspan="11">4HR FIRE WALL AGGREGATE WIDTH OF OPENINGS IN THE FIRE WALL IS LESS THAN 25% OF THE ENTIRE LENGTH. REFER TO O.B.C.-3.1.10.5</td> </tr> <tr> <td></td> <td></td> <td>244.35m²</td> <td>17.62m (>18m)</td> <td>4.3:1</td> <td>96% (234.58)</td> <td>-</td> <td>-</td> <td>COMBUST & NON-COMBUST</td> <td>COMBUST & NON-COMBUST</td> <td>4% (9.7)</td> <td>14.04m² = 6.18% 100-6.18 = 93.82%</td> </tr> </tbody> </table> | WALL | CMPT # | AREA OF EBF (m ²) | L.D. (m) | L/H OR HAL | PERMITTED MAX. % & AREA (SQ.M) OF OPENINGS | FRR & % OF WALL REQ'D FRR & % OF WALL PRIVD | LISTED DESIGN OF DESCRIPTION | TYPE OF CONSTRUCTION REQUIRED | TYPE OF CLADDING REQUIRED | EXTERIOR WALL PERCENTAGE & AREA (SQ.M) REQUIRING FRR | PROPOSED % OF O.P.E.S. | NORTH | #1 | 80.83m ² | 24.48m (>12m) | <3:1 | 3.2.3.10 (2) 100% | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 0% | 22.26m ² = 27% 100-27 = 73% | SOUTH | #1 | 80.83m ² | 21.38m (>25m) | <3:1 | 100% | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 0% | 19.52m ² = 24% 100-24 = 76% | WEST | #1 | 4HR FIRE WALL WITH NO OPENING MORE THAN 11SQ.M AS PER O.B.C.-3.1.8.6 | | | | | | | | | | | EAST | #1 | 4HR FIRE WALL AGGREGATE WIDTH OF OPENINGS IN THE FIRE WALL IS LESS THAN 25% OF THE ENTIRE LENGTH. REFER TO O.B.C.-3.1.10.5 | | | | | | | | | | | | | 244.35m ² | 17.62m (>18m) | 4.3:1 | 96% (234.58) | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 4% (9.7) | 14.04m ² = 6.18% 100-6.18 = 93.82% |
| WALL | CMPT # | AREA OF EBF (m ²) | L.D. (m) | L/H OR HAL | PERMITTED MAX. % & AREA (SQ.M) OF OPENINGS | FRR & % OF WALL REQ'D FRR & % OF WALL PRIVD | LISTED DESIGN OF DESCRIPTION | TYPE OF CONSTRUCTION REQUIRED | TYPE OF CLADDING REQUIRED | EXTERIOR WALL PERCENTAGE & AREA (SQ.M) REQUIRING FRR | PROPOSED % OF O.P.E.S. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTH | #1 | 80.83m ² | 24.48m (>12m) | <3:1 | 3.2.3.10 (2) 100% | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 0% | 22.26m ² = 27% 100-27 = 73% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| SOUTH | #1 | 80.83m ² | 21.38m (>25m) | <3:1 | 100% | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 0% | 19.52m ² = 24% 100-24 = 76% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| WEST | #1 | 4HR FIRE WALL WITH NO OPENING MORE THAN 11SQ.M AS PER O.B.C.-3.1.8.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| EAST | #1 | 4HR FIRE WALL AGGREGATE WIDTH OF OPENINGS IN THE FIRE WALL IS LESS THAN 25% OF THE ENTIRE LENGTH. REFER TO O.B.C.-3.1.10.5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | 244.35m ² | 17.62m (>18m) | 4.3:1 | 96% (234.58) | - | - | COMBUST & NON-COMBUST | COMBUST & NON-COMBUST | 4% (9.7) | 14.04m ² = 6.18% 100-6.18 = 93.82% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20 | PLUMBING FIXTURE REQUIREMENTS 3.7.4.8 & 3.7.4.9 & 9.31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <thead> <tr> <th>1st FLOOR OCCUPANCY</th> <th>BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10)</th> <th>BUILDING CODE REFERENCE</th> </tr> </thead> <tbody> <tr> <td>MEZZANINE OCCUPANCY</td> <td></td> <td></td> </tr> <tr> <td>MALE/FEMALE COUNT @ 50% / 50% EXCEPT AS OTHERWISE NOTED</td> <td> GROUP E BY DESIGN 10 3.7.4.8 1 PER SEX GROUP F-2 BY DESIGN 07 3.7.4.9 1 MALE GROUP F-3 BY DESIGN 08 3.7.4.9 1 PER SEX GROUP F-3 BY DESIGN 10 3.7.4.9 1 PER SEX TOTAL 35 </td> <td> FIXTURES REQUIRED 1 PER SEX FIXTURES PROVIDED 1 PER SEX <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 </td> </tr> </tbody> </table> | 1st FLOOR OCCUPANCY | BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10) | BUILDING CODE REFERENCE | MEZZANINE OCCUPANCY | | | MALE/FEMALE COUNT @ 50% / 50% EXCEPT AS OTHERWISE NOTED | GROUP E BY DESIGN 10 3.7.4.8 1 PER SEX GROUP F-2 BY DESIGN 07 3.7.4.9 1 MALE GROUP F-3 BY DESIGN 08 3.7.4.9 1 PER SEX GROUP F-3 BY DESIGN 10 3.7.4.9 1 PER SEX TOTAL 35 | FIXTURES REQUIRED 1 PER SEX FIXTURES PROVIDED 1 PER SEX <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1st FLOOR OCCUPANCY | BUILDING A - GROUP E (10), BUILDING B - GROUP F-2 (7), BUILDING C - F-3 (08), BUILDING D - F-3 (10) | BUILDING CODE REFERENCE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MEZZANINE OCCUPANCY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| MALE/FEMALE COUNT @ 50% / 50% EXCEPT AS OTHERWISE NOTED | GROUP E BY DESIGN 10 3.7.4.8 1 PER SEX GROUP F-2 BY DESIGN 07 3.7.4.9 1 MALE GROUP F-3 BY DESIGN 08 3.7.4.9 1 PER SEX GROUP F-3 BY DESIGN 10 3.7.4.9 1 PER SEX TOTAL 35 | FIXTURES REQUIRED 1 PER SEX FIXTURES PROVIDED 1 PER SEX <input checked="" type="checkbox"/> PART 3 <input checked="" type="checkbox"/> PART 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 21 | OTHER-DESCRIBE *WASHROOMS ARE ALL WITHIN 45M OF EACH OTHER | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

22A page 62

SB-10 COMPLIANCE: SB-10 TABLE SB5.5-6 - 2017

| COMPONENT: RETAIL - HEATED | REQUIRED | PROVIDED |
|----------------------------|-----------------------|-------------------------------------|
| ROOF | INSUL. ABOVE DECK | R-35 ci |
| WALLS ABOVE GRADE | MASS | R-19 ci |
| | METAL BUILDING | U0.045 |
| | STEEL FRAME | - |
| SLAB-ON-GRADE FLRS | UNHEATED | R-15 FOR 48 IN. |
| OPAQUE DOORS | SWINGING | U 0.45 |
| FENESTRATION | | MAX. U-VALUE MAX. SHGC MIN. VT/SHGC |
| | METAL FRAME: ENTRY DR | U 0.69 0.40 1.10 |
| | METAL FRAME: FIXED | U 0.38 |
| | SKYLIGHT | - - - |

22B

Wall Area Breakdown - Wall Area & Area of Vertical Fenestration

| Wall | Wall Area (m ²) | Area of Vertical Fenestration (m ²) (including windows, doors and mechanical openings) |
|-----------------------------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------|
| NORTH | 80.83 m ² | 22.46 m ² |
| WEST | INTERIOR FIRE WALL | |
| SOUTH | 80.83 m ² | 19.25 m ² |
| EAST | 244.35 m ² | 10.54 m ² |
| TOTAL | 330.93 m ² | 46.05 m ² |
| PERCENTAGE OF WALL HAVING FENESTRATION: 14% (40% maximum) | | |

GENERAL NOTES

- CODE COMPLIANCE: WORK SHALL CONFORM TO ALL APPLICABLE LOCAL, PROVINCIAL, AND FEDERAL CODES INCLUDING NFPA; AND USE TESTED AND CERTIFIED ASSEMBLIES, AS REQUIRED BY CODE.
- CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS. NO MEASUREMENTS SHALL BE SCALED FROM THE DRAWINGS. CONTRACTOR SHALL OBTAIN CLARIFICATION FROM ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION IF A DIMENSION(S) IS IN QUESTION.
- DRAWINGS OF EXISTING CONDITIONS HAVE BEEN COMPLETED FROM EXISTING DATA SUPPLIED BY THE OWNER TO THE ARCHITECT. THE ARCHITECT MAKES NO WARRANTY EITHER EXPRESSED OR IMPLIED FOR THE ACCURACY OR COMPLETENESS OF THE EXISTING INFORMATION RECORDED. G.C. SHALL FIELD VERIFY ALL EXISTING CONDITIONS. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES FOR CLARIFICATION PRIOR TO PROCEEDING WITH WORK.
- DIMENSIONS AND NOTES ON ENLARGED PLANS AND DETAILS ARE TO FACE OF DRYWALL UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS NOTED WITH "C.D." ARE CRITICAL DIMENSIONS; DIMENSIONS NOTED "MIN." ARE MINIMUM DIMENSIONS.
- G.C. SHALL VERIFY AND COORDINATE ALL NEW AND EXISTING CONDITIONS AND DIMENSIONS AT JOB SITE FOR COMPARISON WITH DRAWINGS AND SPECIFICATIONS PRIOR TO TENDER SUBMISSION AND START OF AND DURING CONSTRUCTION. IF ANY DISCREPANCIES, INCONSISTENCIES OR OMISSIONS ARE FOUND, THE ARCHITECT SHALL BE NOTIFIED IN WRITING FOR CLARIFICATION PRIOR TO PROCEEDING TO WORK. FINAL CLEAN-UP AND DISPOSAL: REMOVE DEBRIS, RUBBISH AND WASTE MATERIAL FROM THIS SITE TO A LAWFUL DISPOSAL AREA AND PAY ALL HAULING AND DUMPING COSTS, CONFORM TO PERTAINING FEDERAL AND LOCAL LAWS, REGULATIONS AND ORDERS. UPON COMPLETION OF WORK, LEAVE SITE FREE FROM DEBRIS, CLEAN ALL DUST, DIRT, STAINS, HANDS MARKS, PAINT SPOTS, DROPPINGS AND OTHERS BLEMISHES
- THE CONTRACTOR SHALL PROVIDE A SECURE STAGING AND MATERIAL STORAGE AREA ADJACENT TO THE AREA OF CONSTRUCTION.
- G.C. SHALL MAKE NECESSARY CONNECTIONS TO EXISTING UTILITIES FOR TEMPORARY POWER AND WATER SUPPLIES AND COORDINATE SUCH USE PRIOR TO CONNECTION.
- G.C. SHALL PROVIDE SANITARY FACILITIES FOR WORKERS USE.
- THE G.C. SHALL FURNISH ALL MATERIALS, LABOR EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY FOR THE SATISFACTORY COMPLETION OF WORK UNLESS DESIGNATED (N.I.C.) ALL EQUIPMENT, WORK, AND MATERIALS SHALL COMPLY WITH ALL CURRENT AND LOCAL APPLICABLE CODES AND GOVERNING REGULATIONS AND THE CONTRACT DOCUMENTS.
- THE G.C. SHALL VERIFY THE LOCATION OF ALL EXISTING UTILITIES ABOVE AND BELOW GRADE AND RELATED SERVICE CONNECTIONS WITH THE RESPECTIVE UTILITY COMPANIES, AND EXISTING CONDITIONS. SCAN AND X-RAY SLAB AS REQUIRED BEFORE ANY DEMOLITION AND NOTIFY THE ARCHITECT OF LOCATION & FINDING.
- THE G.C. SHALL PROVIDE AND INSTALL ADEQUATE SOLID BLOCKING FOR ALL STIFFENERS, BRACING, BACK-UP PLATES AND SUPPORTING BRACKETS REQUIRED FOR THE INSTALLATION OF ALL CASEWORK, KITCHEN AND TOILET ACCESSORIES, FLAT SCREEN T.V. ETC. AND OF ALL FLOOR-MOUNTED OR SUSPENDED MECHANICAL AND ELECTRICAL EQUIPMENT.
- G.C. IS RESPONSIBLE FOR ALL BALANCING AND RE-COMMISSIONING OF HVAC AND PLUMBING SYSTEMS, AS REQUIRED.
- PATCH AND REFINISH, FINISHES AS REQUIRED BY WORK PERFORMED BY OTHER TRADES (MECHANICAL, FIRE PROTECTION ETC).
- PROVIDE MIN 5% OF TOTAL OF TILE IN UNOPENED CARTONS OF EACH TYPE AND COLOUR OF TILE AND BASE REQUIRED FOR THE PROJECT, FOR MAINTENANCE USE. STORE WHERE DIRECTED.
- G.C. TO PROVIDE 6' HIGH TEMPORARY METAL FENCING AROUND JOB SITE AND SECURE DURING NON WORKING HOURS.
- G.C. TO PROVIDE TEMPORARY BRACES, SHORES AND GUYS REQUIRED TO SUPPORT ALL LOADS TO WHICH THE BUILDING STRUCTURES, UTILITIES AND RIGHT-OF-WAY MAY BE SUBJECTED DURING CONSTRUCTION. ALL SHORING TO BE APPROVED AND REVIEWED BY P. ENG. STAMPED AND SIGNED SHOP DRAWINGS SUBMITTED TO CITY BUILDING INSPECTOR AND ARCHITECT.
- G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD, MECHANICAL DUCT WORK, CEILING ELEMENTS AND WALL STUD FRAMING AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION.
- GC IS RESPONSIBLE FOR ALL REQUIRED PERMITS, FEES AND INSPECTIONS BY ALL AUTHORITIES HAVING JURISDICTION.
- GC SHALL OBTAIN ALL NECESSARY APPROVALS FROM MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE AND THE CITY WITH REGARDS TO INSTALLATION OF THE STORM AND SANITARY SEWERS AND WATER MAINS AND THE PROVISIONS OF SEWAGE HOLDING/TREATMENT FACILITIES.
- GC TO PROVIDE ACCESS TO ALL WORK AT ALL TIMES AND PROVIDE FULL COOPERATION AND SUFFICIENT, SAFE AND PROPER FACILITIES AT ALL TIMES FOR REVIEW OF WORK BY AND FOR INSPECTION OF THE WORK BY AUTHORIZED AGENCIES.
- GC TO REVIEW, SIGN AND DATE ALL SHOP DRAWINGS PRIOR TO SUBMITTING FOR ARCHITECT, CONSULTANTS AND ENGINEER'S REVIEW FOR APPROVAL.

- Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
- All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#2 | 2024-03-06 |
| 03 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
 137 Pamilla Street,
 Ottawa, ON, K1S 3K9
 t: 613 937 6801
 f: 613 937 8999
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 MCADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING

CODE MATRIX
BUILDING D

SCALE: N.T.S.

DATE: JUN 2022

DRAWN BY: LE, SH.

DRAWING #
A0.02D

ABBREVIATIONS:

| | | | | | | | |
|------|--------------------|------|------------------------|-------|----------------------------|------|------------------------|
| AD | AREA DRAIN | EXT | EXTERIOR | LAQ | LACQUERED | RD | ROOF DRAIN |
| ANOD | ANODIZED | EXTG | EXISTING | LAM | LAMINATED GLASS | RM | ROOM |
| ALUM | ALUMINIUM | F | LOCKER STACKED | LC | LOCKER CLEAN LAUNDRY | RWL | RAIN WATER LEADER |
| BB | BLACKBOARD | FIN | FINISH | LD | LOCKER DIRTY LAUNDRY | STL | STEEL |
| BH | BULKHEAD | FD | FLOOR DRAIN | LIT | LAY-IN TILE | ST | STAIN |
| BPG | BACK PAINTED GLASS | FF | FINISHED FLOOR | LP | LOW POINT | SS | STAINLESS STEEL |
| CANT | CANTILEVER | FL | FLOOR | MDF | MEDIUM DENSITY FIBRE BOARD | SD | SPANDREL GLASS PANEL |
| CL | CENTRE LINE | FRR | FIRE-RESISTANCE RATING | NIC | NOT IN CONTRACT | TG | TERRACE DRAIN |
| CEM | CEMENTITIOUS | FD | FLOOR DRAIN | OC | ON CENTER | TD | TEMPERED GLASS PANEL |
| CFD | CONTROL FLOW DRAIN | GB | GRAB BAR | O/H | OVERHEAD | T.O. | TOP OF |
| CONC | CONCRETE | GL | GLAZED | PD | PLANTER DRAIN | U/S | UNDERSIDE OF |
| CB | CATCH BASIN | GWB | GYPSSUM WALL BOARD | PT | PAINT | UNO | UNLESS NOTED OTHERWISE |
| CONT | CONTINUOUS | GWG | GEORGIAN WIRE GLASS | PC | PRECAST CONCRETE | VR | VAPOUR RETARDER |
| CJ | CONTROL JOINT | HM | HOLLOW METAL | PL | PLATE GLASS | WB | WEATHER BARRIER |
| DF | DRINKING FOUNTAIN | HP | HIGH POINT | P.LAM | PLASTIC LAMINATE | WC | WATER CLOSET |
| DW | DISHWASHER | JT | JOINT LINE | | | WD | WOOD |

- NON-COMBUSTIBLE INTERIOR FINISHES IN BUILDINGS REQUIRED TO BE OF NON-COMBUSTIBLE CONSTRUCTION: OBC 3.1.5.1 (1)
 - WALL FINISHES OTHER THAN FOAMED PLASTICS CAN BE PROVIDED BUT BE NOT MORE THAN 25mm THICK AND HAVE A FLAME-SPREAD RATING NOT MORE THAN 150 ON ANY EXPOSED SURFACE, OR ANY SURFACE THAT WOULD BE EXPOSED BY CUTTING THROUGH THE MATERIAL IN ANY DIRECTION. AS PER O.B.C 3.1.5.10 (2) (a)&(b)
 - CEILING FINISHES TO COMPLY WITH ALL REQUIREMENTS OF THE O.B.C. 3.1.5.10 (3) (a) & (b)

NUMBER OF EXITS REQUIRED
 O.B.C 3.4.2.1(1) MINIMUM NO. OF EXITS: 2
 PROVIDED: 2 EXITS MIN., CODE COMPLIANT

NOTE:
 1. ALL DOORS AND WINDOWS IN FIRE RATED WALLS TO BE FIRE RATED. REFER TO DOOR & WINDOW SCHEDULE FOR FIRE RATING SPEC
 2. ALL PENETRATIONS THROUGH ALL FIRE RATED WALLS AND CEILINGS/FLOORS TO BE FIRE STOPPED AND SMOKE SEALED

DISTANCE BETWEEN EXITS BUILDING A
 O.B.C 3.4.2.3(1)(b) MIN DISTANCE BETWEEN TWO EXITS: (31.156mm)/2 = 15.578mm
 DISTANCE BETWEEN EXITS 21.410M
 EXIT LOCATIONS ARE CODE COMPLIANT

DISTANCE BETWEEN EXITS BUILDING B
 O.B.C 3.4.2.3(1)(b) MIN DISTANCE BETWEEN TWO EXITS: (28.595mm)/2 = 14.297mm
 DISTANCE BETWEEN EXITS 19.722M
 EXIT LOCATIONS ARE CODE COMPLIANT

O.B.C. 3.8.2.1 (3)
 (a) MEZZANINE IS A SERVICE ROOM, SO NO BARRIER FREE PATH OF TRAVEL IS REQUIRED SO NO ELEVATOR/LIFT IS REQUIRED FOR THE MEZZANINE FLOOR

LOCATION OF EXITS 3.4.2.5. (1) (f)
 30m MAX. TRAVEL DISTANCE TO THE CLOSEST EXIT

O.B.C. 3.4.2.2 3(a) AND (b)(ii) THE MEZZANINE, OCCUPANCY LOAD IS LESS THAN 60, HAS ONE EXIT AND IS NOT SPRINKLERED SO, THE MAXIMUM DISTANCE FROM ANY POINT ON THE MEZZANINE TO THE EGRESS FACILITY (TOP OF STAIRS) IS 25M. REFER TO TABLE 3.3.1.5A

G.C. TO ENSURE THAT ALL FIRE RATED WALLS EXTEND TO THE UNDERSIDE OF THE DECK. REFER TO SHEET A7.01 FOR STUD WALL CONNECTION DETAIL TO THE UNDERSIDE OF THE STEEL DECK.

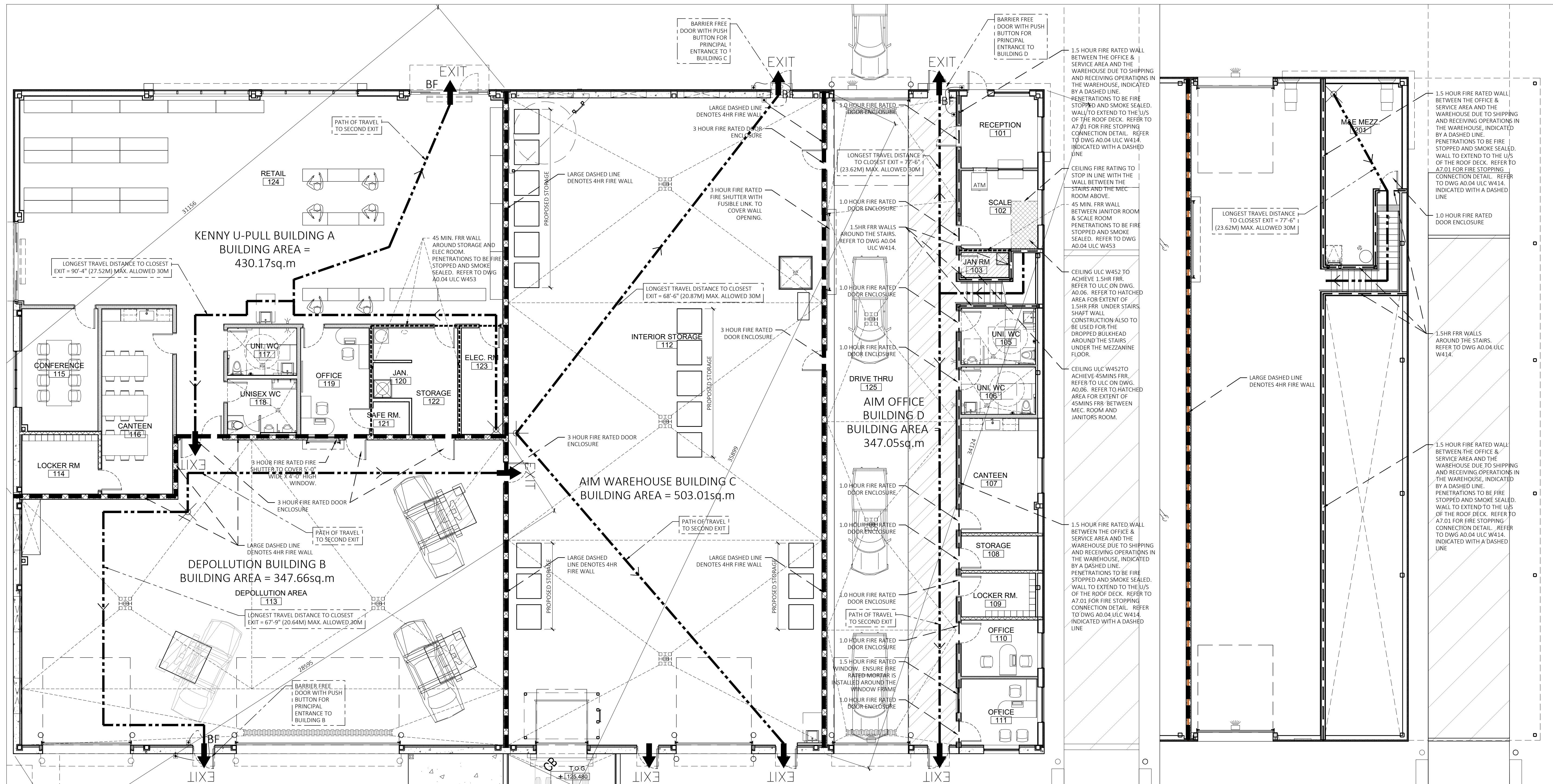
DISTANCE BETWEEN EXITS BUILDING C
 O.B.C 3.4.2.3(1)(b) MIN DISTANCE BETWEEN TWO EXITS: (35.899mm)/2 = 17.949mm
 DISTANCE BETWEEN EXITS 32.022M
 EXIT LOCATIONS ARE CODE COMPLIANT

DISTANCE BETWEEN EXITS BUILDING D
 O.B.C 3.4.2.3(1)(b) MIN DISTANCE BETWEEN TWO EXITS: (34.124mm)/2 = 17.062mm
 DISTANCE BETWEEN EXITS 32.022M
 EXIT LOCATIONS ARE CODE COMPLIANT

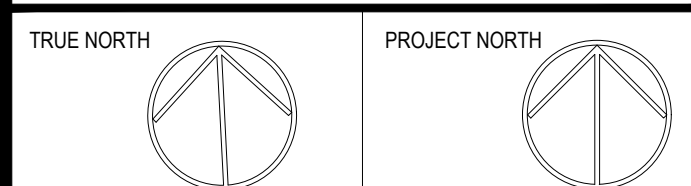
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|-------------------------------------|------------|
| 07 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 06 | ISSUED FOR PTA#2 | 2024-03-05 |
| 05 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 04 | ISSUED FOR PERMIT | 2023-04-14 |
| 03 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 02 | ISSUE FOR SPC 3RD RND COMMENTS RESP | 2023-02-27 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON, K1S 3K9
 t: 613 237 6801
 f: 613 237 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER
 20014

TITLE OF DRAWING
CODE PLANS

SCALE:
 1:100

DATE:
 JUN 2022

DRAWN BY:
 LE, SH.

DRAWING #
A0.03

1 GROUND FLOOR CODE PLAN
 A0.03 SCALE: 1:100

2 MEZZANINE FLOOR CODE PLAN
 A0.03 SCALE: 1:100

ULC W453

UL Product IQ™

BXUVC.W453 - Fire-resistance Ratings

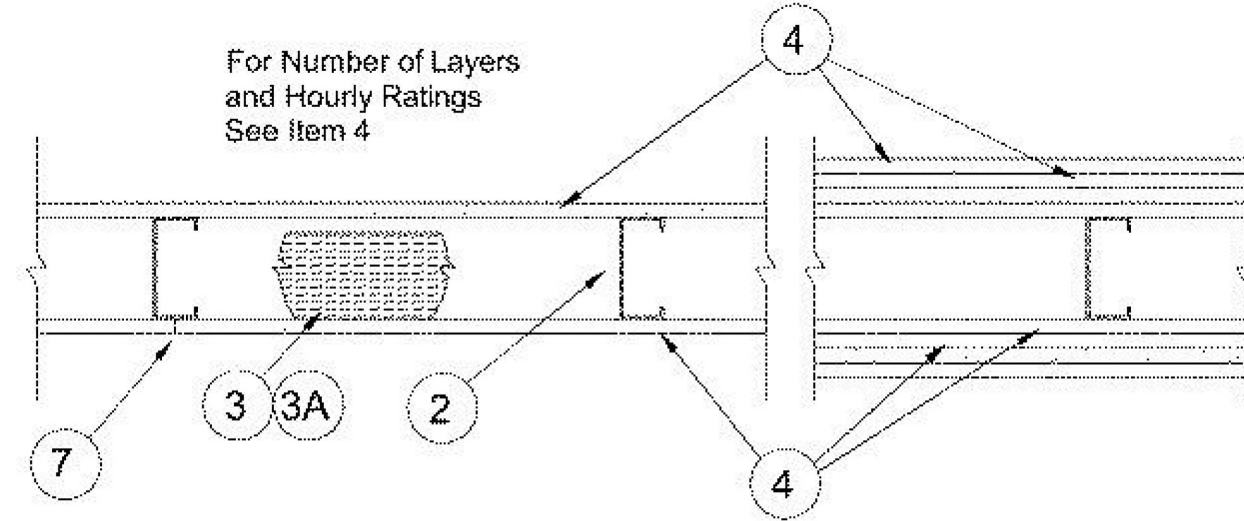
BXUVC - Fire-resistance Ratings

See General Information for Fire-resistance Ratings

Design No. W453

February 13, 2019

Assembly Ratings — 1, 2, 3 or 4 h (See Items 3 & 4)



Nonbearing Wall

1. Floor and Ceiling Track — (Not shown) — Channel shaped, fabricated from 0.46 mm minimum base metal thickness, corrosion-protected steel, minimum width to accommodate stud size, with minimum 25 mm long legs, attached to floor and ceiling with fasteners 610 mm OC maximum.

2. Steel Studs — Channel shaped, fabricated from 0.46 mm minimum base metal thickness, corrosion-protected steel, minimum width as indicated under Item 4, minimum 32 mm flanges and 6 mm return, spaced a maximum of 610 mm OC. Studs to be cut 10 to 19 mm less than assembly height.

3. Batts and Blankets — (Required as indicated under Item 4) — Friction fitted between studs and tracks, any mineral fibre batts produced from rock or slag, bearing the ULC Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. Minimum nominal thickness as indicated under Item 4. See Batts and Blankets (BKNVC or BZJZC) Categories for names of Listed companies.

3A. Batts and Blankets — (Optional) — Placed in stud cavities, any mineral fibre insulation produced from rock, slag or glass bearing the ULC Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNVC or BZJZC) Categories for names of Listed companies.

OR

3B. Batts and Blankets — (Optional) — (BZJZC or BKNVC) — Placed in stud cavities, glass fibre bearing the ULC Classification Marking as to Surface Burning Characteristics and/or Fire Resistance.

https://iq.ulprospector.com/en/profile?e=225005

114

OWENS CORNING

4. Gypsum Board — Gypsum panels with beveled, square or tapered edges, applied with long edges parallel or perpendicular to framing. Joints parallel to framing centred over studs and staggered one stud cavity on opposite sides of studs. Joints parallel to framing in adjacent layers (multilayer systems) staggered one stud cavity. Joints perpendicular to framing need not be backed by steel framing. All joints perpendicular to framing on opposite sides of studs need not be staggered. All joints perpendicular to framing in adjacent layers (multilayer systems) staggered a minimum of 305 mm. The thickness and number of layers for the 1 h, 2 h, 3 h and 4 h ratings are as follows:

Wallboard Protection on Each Side of Wall

Table with 4 columns: Rating, Minimum Stud Depth mm, No. of Layers and Thickness of Panel, Minimum Thickness of Insulation (Item 3). Rows show ratings from 1 to 4 with corresponding stud depths and layer configurations.

CGC INC — (12.7 mm thickness) - Types C, IP-X2, IPC-AR, WRC; (15.9 mm thickness) - Types SCX, SGX, AR, WRX, IP-X1, IP-AR, SHX, C, IP-X2, WRC, USGX, ULX; (19.1 mm thickness) - Types Ultracode, IP-X3

UNITED STATES GYPSUM CO — (12.7 mm thickness) - Types C, IP-X2, IPC-AR, WRC; (15.9 mm thickness) - Types SCX, SGX, AR, WRX, IP-X1, IP-AR, SHX, C, IP-X2, WRC, USGX, ULX; (19.1 mm thickness) - Types Ultracode, IP-X3

5. Fasteners — (Not shown) — Type S or S-12 steel screws used to attach panels to studs (Item 2) or furring channels (Item 6). Single layer systems: 25 mm long for 12.7 and 15.9 mm thick panels or 32 mm long for 19.1 mm thick panels, spaced 203 mm OC when panels are applied perpendicular to framing, or 203 mm OC along vertical and bottom edges and 305 mm OC in the field when panels are applied parallel to framing. Two layer systems: First layer - 25 mm long for 12.7 and 15.9 mm thick panels or 32 mm long for 19.1 mm thick panels, spaced 406 mm OC. Second layer - 41 mm long for 12.7 and 15.9 mm thick panels or 57 mm long for 19.1 mm thick panels, spaced 406 mm OC with screws offset 203 mm from first layer. Three-layer systems: First layer - 25 mm long for 12.7 and 15.9 mm thick panels, spaced 610 mm OC. Second layer - 41 mm long for 12.7 and 15.9 mm thick panels, spaced 610 mm OC. Third layer - 57 mm long for 12.7 and 15.9 mm thick panels or 67 mm long for 15.9 mm thick panels, spaced 305 mm OC. Screws offset minimum 152 mm from layer below. Four-layer systems: First layer - 25 mm long for 12.7 and 15.9 mm thick panels, spaced 610 mm OC. Second layer - 41 mm long for 12.7 and 15.9 mm thick panels, spaced 610 mm OC. Third layer - 57 mm long for 12.7 mm thick panels or 67 mm long for 15.9 mm thick panels, spaced 305 mm OC. Screws offset minimum 152 mm from layer below.

https://iq.ulprospector.com/en/profile?e=225005

214

6. Furring Channels — (Optional, not shown, for single or double layer systems) — Resilient furring channels fabricated from 0.46 mm minimum base metal thickness, corrosion-protected steel, applied perpendicular to studs spaced a maximum of 610 mm OC. Flange portion attached to each intersecting stud with 13 mm long Type S-12 steel screws.

6A. Steel Framing Members — (Not Shown)* — (CIKVC). (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 6, furring channels and Steel Framing Members as described below:

i. Furring Channels —

Formed of 0.46 mm minimum base metal thickness, galvanized steel, 65 mm or 69 mm wide by 22 mm deep, spaced maximum, 610 mm OC perpendicular to studs. Channels secured to studs as described in Item 6. Gypsum board attached to furring channels as described in Item 5.

ii. Steel Framing Members —

Used to attach furring channels (Item 6) to studs (Item 2). Clips spaced maximum, 1220 mm OC, and secured to studs with No. 8 x 38 mm minimum self-drilling, S-12 steel screw through the centre grommet. Furring channels are friction fitted into clips. RSIC-1 clips for use with 65 mm wide furring channels. RSIC-1 (2.75) clips for use with 69 mm wide furring channels.

PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-1 (2.75).

6B. Steel Framing Members* — (Not Shown)—(CIKVC). — (Optional on one or both sides, not shown, for single or double layer systems) — As an alternate to Item 6, furring channels and Steel Framing Members as described below:

A. Furring Channels — Formed of No. 25 MSG (0.46 mm minimum base metal thickness), galvanized steel, 60 mm wide by 22 mm deep, spaced maximum, 610 mm OC perpendicular to studs. Channels secured to studs as described in Item 6. Gypsum board attached to furring channels as described in Item 5.

B. Steel Framing Members* — Used to attach furring channels (Item 6A) to studs (Item 2). Clips spaced maximum, 1220 mm OC. GENIECLIPS secured to studs with No. 8 x 38 mm minimum self-drilling, S-12 steel screw through the center grommet. Furring channels are friction fitted into clips.

PLITEQ INC — Type Genie Clip

7. Joint Tape and Compound — Vinyl or casein, dry or premixed joint compound applied in two coats to joints and screw heads of outer layers. Paper tape, nominal 51 mm wide, embedded in first layer of compound over all joints of outer layer panels. Paper tape and joint compound may be omitted when gypsum panels are supplied with a square edge.

8. Siding, Brick or Stucco — (Optional, not shown) — Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies, installed over gypsum panels. Brick veneer attached to studs with corrugated metal wall ties attached to each stud with steel screws, not more than each sixth course of brick.

9. Wall and Partition Facings and Accessories — (CLBVC), (Optional, Not Shown) — For use with Item 1, Item 2, Item 4, Item 5 and Item 7. For maximum fire rating of 1 hour. On one side of the wall, over the first layer of Gypsum Board (Item 4), install Reflexor membrane with the gold side facing outwards. Membrane installed with 150 staples spaced 305 mm on center in both directions as per manufacturer's instructions, seams in membrane to be overlapped by 50 mm. When Reflexor membrane is used an additional layer of Gypsum Board that is identical to the first layer and as specified in Item 4 shall be installed over the membrane. The additional layer of Gypsum Board to be installed through the membrane to the stud as specified in Item 4 except the fastener length shall be increased by a minimum of 16 mm. On the other side of the wall prior to the installation of the Gypsum Board Item 4, install Resilient Channels, .25 MSG galv steel, spaced vertically 610 mm OC, flange portion screw attached to one side of studs with 32 mm long diamond shaped point, double lead Phillips head steel screws. Over the Resilient Channel install 19 mm, thick SONOPan panel secured to the Resilient Channel with drywall screws and washers spaced at 406 mm OC on the perimeter of the panel and 205 mm OC in the field of the panel. Over the SONOPan panel install Gypsum Board as specified in Item 4 with the fastener length increased by minimum 19 mm. Not evaluated or intended as a substitute for the required layer(s) of ULC Listed Gypsum Board.

MSL — Reflexor membrane, SONOPan panel.

https://iq.ulprospector.com/en/profile?e=225005

314

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work. 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

Table with 3 columns: ref, description, date. Rows include ISSUED FOR RE-TENDER (2024-03-11), ISSUED FOR PERMIT (2023-04-14), ISSUED FOR BUILDING TENDER (2023-02-13).

revisions



9A. Batts and Blankets — Required only when Item 4 is used. ULC Listed glass or mineral fibre insulation, nominal 89 mm thick, minimum nominal density of 12.8 kg/m³, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNVC) for names of Listed manufacturers.

• Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

Last Updated on 2019-02-13

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2020 UL LLC"

https://iq.ulprospector.com/en/profile?e=225005

414

CANADIAN CONCRETE MASONRY PRODUCTS ASSOCIATION: FIRE PERFORMANCE

Table 5.7: Minimum Equivalent Thickness of Concrete Masonry Loadbearing and Non-loadbearing, mm (Adapted from Table D-2.1.1, NBCC-10)

Table with 6 columns: Wall of Solid or Hollow Concrete Masonry, Concrete Type, Minimum Required Equivalent Thickness for Fire Resistance Rating (30 min, 45 min, 1 h, 1.5 h, 2 h, 3 h, 4 h). Rows include Type S or N concrete, Type L1, L2, L20S concrete.

(1) Hollow concrete masonry units made with Type S or N concrete must have a minimum specified compressive strength of 15 MPa, determined in accordance with CSA A165.1.

(2) Fire-resistance rating between the stated rating periods listed may be determined by linear interpolation.

Table 5.9: Required Solid Content (%) for Standard Concrete Masonry Units Needed to Achieve Fire-Resistance Rating (Based on Table D-2.1.1, NBCC-10)

FRR achieved using typical, standard hollow CMU; FRR achieved using typical, semi-solid CMU, or filling cells of hollow units; FRR achieved using full solid CMU, or filling cells of hollow or semi-solid units

Table with 8 columns: Wall of Solid or Hollow Concrete Masonry (mm), Required Solid Content (%), 240 mm Units, 290 mm Units, 190 mm Units. Rows include Type S or N concrete, Type L1, L2, L20S concrete for various unit sizes.

OWNER: AMERICAN IRON & METAL 9100, BOUL. HENRI-BOURASSA EST MONTREAL, QUEBEC H1E 2S4 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT: nicholas caragianis architect inc. 137 Pamela Street, Ottawa, ON, K1S 3K9 t: 613 937 6801 f: 613 937 8999 e: info@ncarchitect.ca www.ncarchitect.ca

PROJECT & LOCATION: METAL RECYCLING PLANT AIM / KENNY U-PULL 1533 McADOO'S LANE KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING: ULC DESIGNS

SCALE: N/A DRAWING #

DATE: JUN 2022

DRAWN BY: LE, SH,

A0.04

BXUVC.W452 - Fire-resistance Ratings

BXUVC - Fire-resistance Ratings

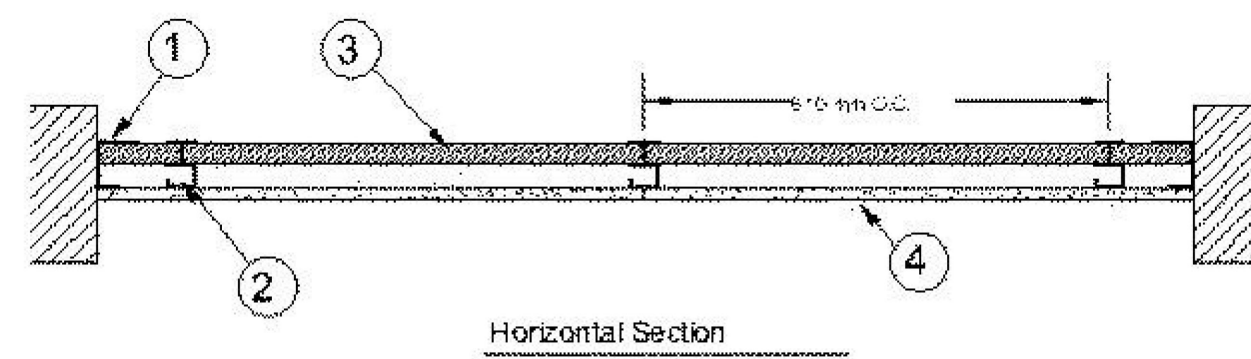
See General Information for Fire-resistance Ratings

Design No. W452

February 13, 2019

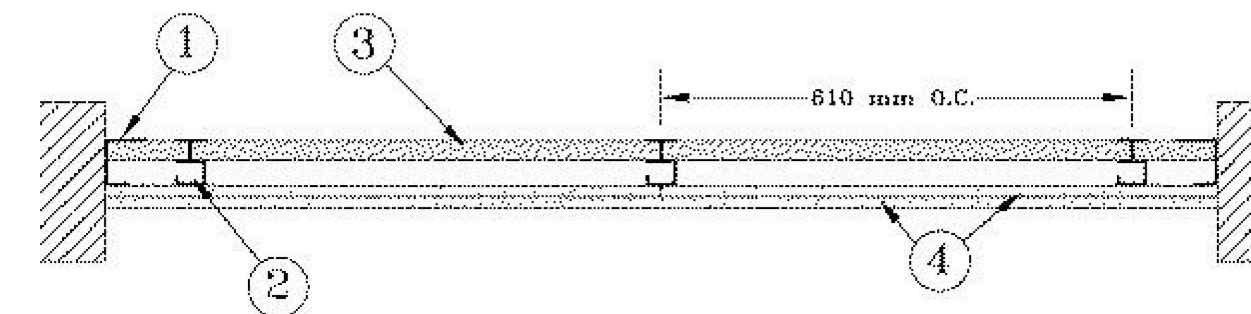
Nonbearing Assembly Ratings — 1, 2, 3 or 4 h

System A - 1 h



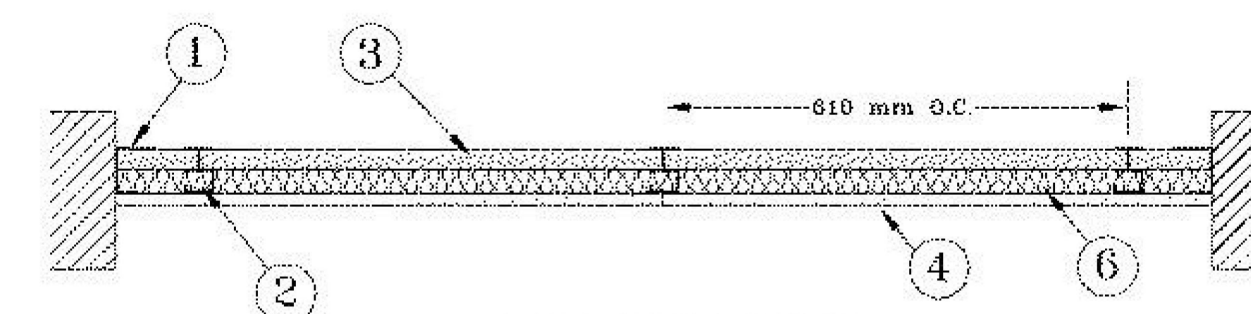
Horizontal Section

System B - 2 h



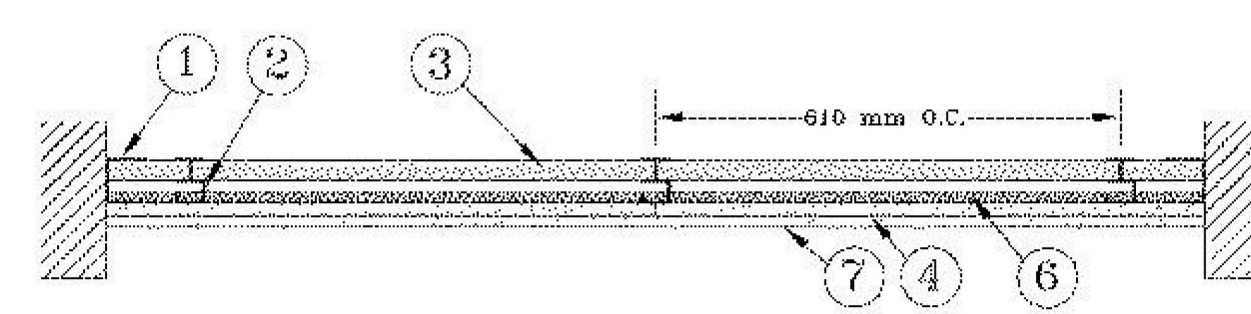
Horizontal Section

System C - 2 h



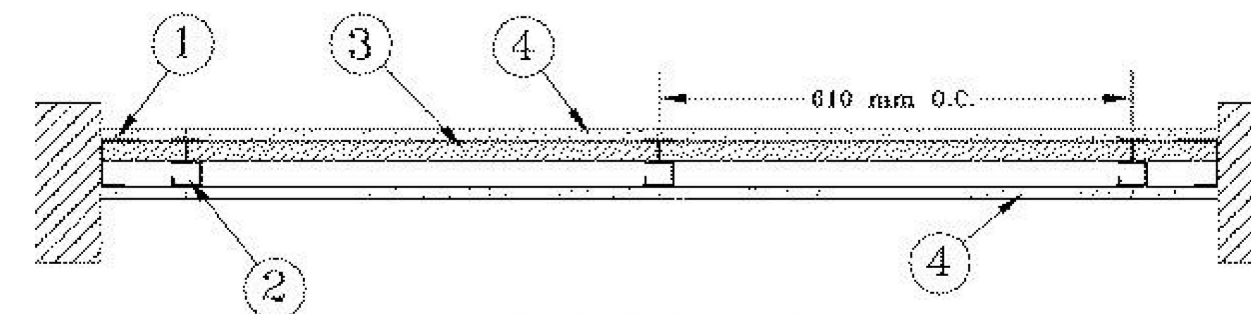
Horizontal Section

System D - 2 h



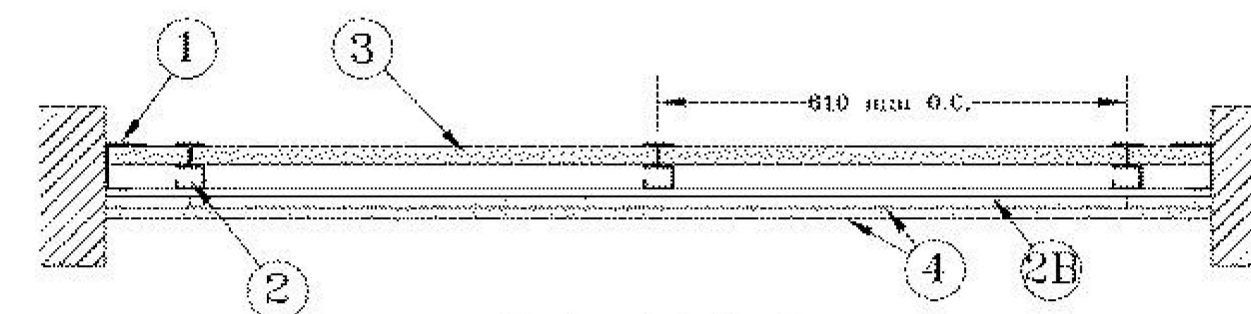
Horizontal Section

System E - 2 h



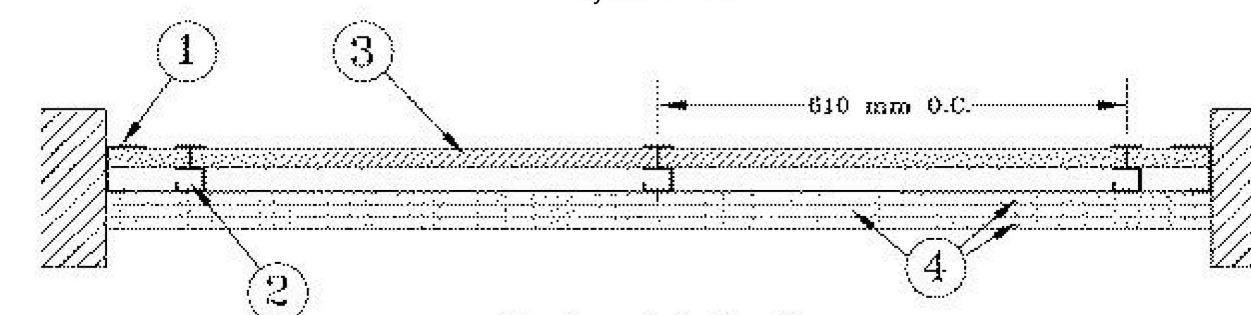
Horizontal Section

System F - 2 h



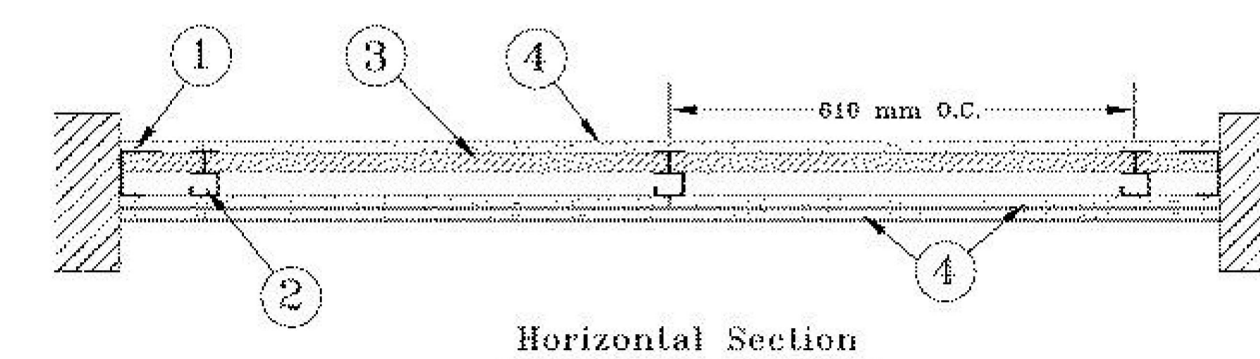
Horizontal Section

System G - 3 h



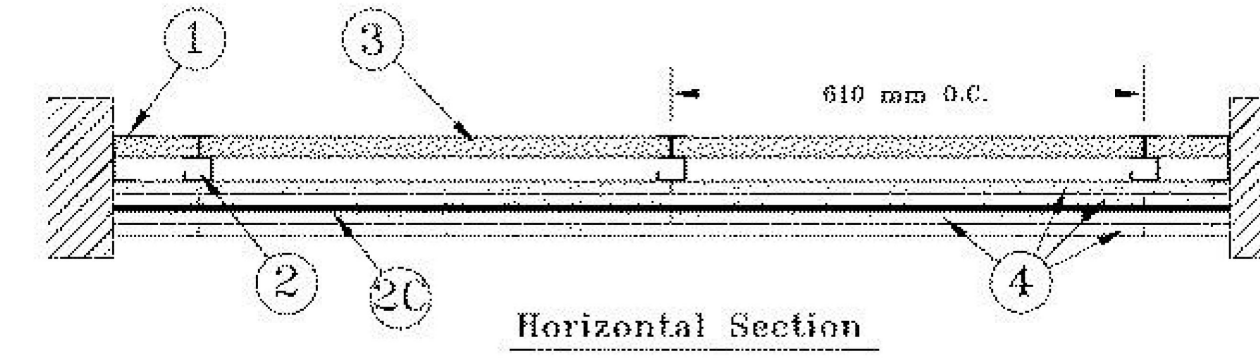
Horizontal Section

System H - 3 h



Horizontal Section

System I - 4 h



Horizontal Section

1. **Floor, Side and Ceiling Tracks** — "J" - shaped runner, minimum 64 mm deep (minimum 102 mm deep when System C is used), with unequal legs of 25 mm and 51 mm, fabricated from minimum 0.56 mm base metal thickness (minimum 0.84 mm base metal thickness when Item 7 is used) galvanized steel. Runners positioned with short leg toward finished side of wall. Runners attached to structural supports with steel fasteners located not greater than 51 mm from ends and not greater than 610 mm OC. "E" - shaped studs (Item 2A) may be used as side runners in place of "J" - shaped runners.

2. **Steel Studs** — "C-H" - shaped studs, minimum 64 mm deep (minimum 102 mm deep when System C is used), fabricated from minimum 0.46 mm base metal thickness (minimum 0.84 mm base metal thickness when Item 7 is used) galvanized steel. Cut to lengths 10 to 13 mm less than floor-to-ceiling height and spaced 610 mm OC.

2A. **Steel Studs** — (Not Shown) — "E" - shaped studs installed back to back in place of "C-H" - shaped studs (Item 2) "E" - shaped studs secured together with steel screws spaced a maximum 305 mm OC. Fabricated from minimum 0.46 mm base metal thickness (minimum 0.84 mm base metal thickness when Item 7 is used) galvanized steel, minimum 64 mm deep (minimum 102 mm deep when System C is used), with one leg 25 mm long and two legs 19 mm long. Shorter legs 25 mm apart to engage gypsum liner panels. Cut to lengths 10 to 13 mm less than floor to ceiling heights.

2B. **Furring Channels** — (Optional, not shown) — For use with single or double layer systems. Resilient furring channels fabricated from minimum 0.46 mm corrosion protected steel, installed perpendicular to stud framing, and spaced a maximum 610 mm OC. Flange portion of channel attached to each intersecting "C-H" or "E" stud on side of stud opposite the 25 mm liner panels with 13 mm long Type 5 or S-12 pan-head steel screws. When furring channels are used, wallboard to be installed perpendicular to channels only. Not to be used with cementitious backer units (Item 7).

2C. **Furring Channels** — For use with System I - "Hat" - shaped, 0.46 mm base metal thickness galvanized steel furring channels attached directly over the inner layers of wallboard perpendicular to each stud with 51 mm long Type 5 pan head steel screws. Screws alternate from top flange to bottom flange at each stud intersection. Furring channels spaced maximum 610 mm OC.

3. **Gypsum Board** — (CKNX) Gypsum liner panels, nominal 25.4 mm thick, 610 mm wide. Panels cut 25 mm less in length than floor to ceiling height. Long edges inserted in "H" portion of "C-H" studs or the gap between the two 19 mm legs of the "E" studs. Free edge of end panels attached to long leg of "J" - runners with 41 mm long Type 5 steel screws spaced not greater than 305 mm OC. When wall height exceeds liner panel length, liner panel may be butted to extend to the full height of the wall. Joints perpendicular to framing need not be backed by steel framing. In System I, butt joints in liner panels are staggered minimum 915 mm. Butt joints backed with 150 mm by 560 mm strips of 19 mm thick gypsum wallboard (Item 4).

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------|------------|
| 03 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON, K1S 3K9
t: 613 237 6801
f: 613 237 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
ULC DESIGNS

SCALE: N/A DRAWING #
DATE: JUN 2022
DRAWN BY: LE, SH,
A0.05

ULC W452



BXUVC.U414 Fire-resistance Ratings

Page Bottom

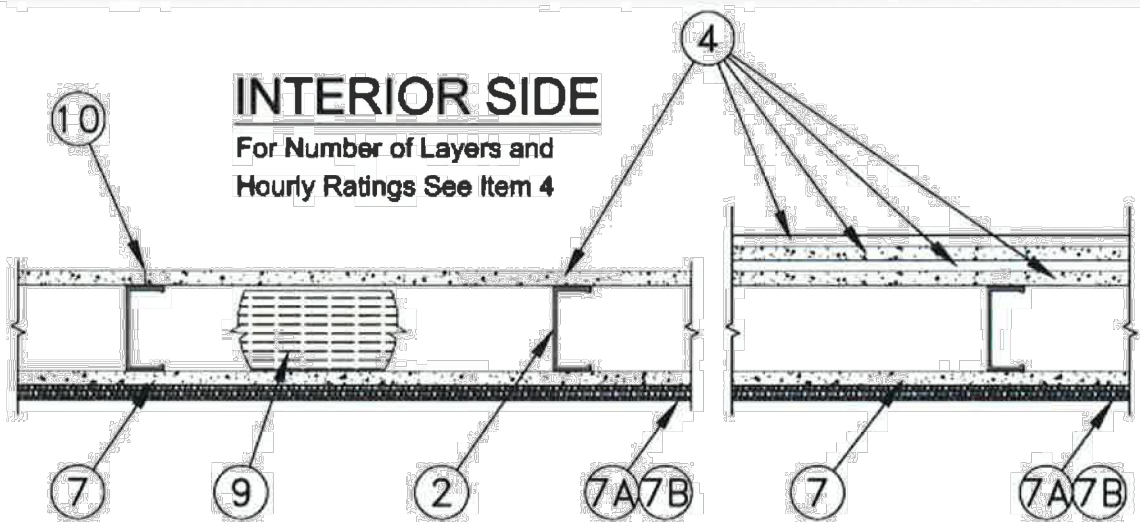
BXUVC - Fire-resistance Ratings

See General Information for Fire-resistance Ratings

Design No. U414

November 10, 2015

Assembly Rating - 3/4, 1, 1-1/2 or 2 h (See Item 4)



Bearing and Non-Load Wall

1. Floor and Ceiling Runners - (Not Shown) - Channel shaped runners, fabricated from min 0.83 mm bare metal thickness (20 MSG) galvanized steel, min 92 mm deep by 41 mm wide with 13 mm returns.

2. Steel Studs - Min 0.83 mm bare metal thickness (20 MSG) galvanized steel studs, min 92 mm deep by 41 mm wide with 13 mm returns, designed in accordance with the current edition of North American Specification for the Design of Cold-Formed Steel Structural Members [CSA Standard S136].

BAILEY METAL PRODUCTS LTD

2A. Steel Studs - (As an alternate to Item 2, for use with Item 4A) - Min 0.83 mm bare metal thickness (20 MSG) galvanized steel studs, min 92 mm deep by 41 mm wide with 13 mm returns, designed in accordance with the current edition of North American Specification for the Design of Cold-Formed Steel Structural Members [CSA Standard S136].

BAILEY METAL PRODUCTS LTD

3. Lateral Support Members - (Not Shown) - Where required for lateral support of studs, support shall be provided by means of steel straps, channels or other similar means as specified in the design of a particular steel stud wall system.

4. Gypsum Board - Gypsum panels with beveled, square or tapered edges, applied vertically or horizontally. Vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Vertical joints in adjacent layers (multilayer systems) staggered one stud cavity. Horizontal joints need not be backed by steel framing. Horizontal edge joints and horizontal butt joints on opposite sides of studs staggered a min of 305 mm.

joints in adjacent layers (multilayer systems) staggered a min of 305 mm. When used in widths other than 1220 mm, the gypsum panels to be installed horizontally. The thickness and number of layers and percent of design load for the 1/2 hr, 1-1/2 hr, and 2 hr ratings are as follows:

Wallboard Protection on Interior Side of Wall

Table with 3 columns: Rating, No. of Layers & Thickness of Wallboard Panel, % of Design Load

CGC INC - 12.7 mm thick Type C, IP-X2, IPC-AR, or WRC; 15.9 mm thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCC, SCK, ULX, WPK or WRC; 19 mm thick Type AR, IP-AR, IP-X3, ULTRACODE, USGX (Joint tape and compound, Item 10), optional for use with Type USGX)

4A. Gypsum Board - (As an alternate to Item 4 when used as the base layer, for direct attachment only) - Nom 15.9 mm or 19 mm thick boards may be used as alternate to 15.9 mm or 19 mm thick boards shown in Item 4. Wallboard Protection on Each Side of Wall. The nom 15.9 mm or 19 mm thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically, vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 2A, 8. Wallboard secured to studs with 32 mm long Type S-12 steel screws spaced 204 mm OC at perimeter and 305 mm OC in the field. To be used with Lead Batten Strips (see Item 12) or Lead Discs or Tabs (see Item 13).

RAY-BAR ENGINEERING CORP - Type RB-LBG

5. Fasteners - (Not Shown) - Type S-12 steel screws used to attach panels to runners (Item 1) and studs (Items 2, 2A) or furring channels (Item 8). Single layer systems: 25 mm long for 12.7 mm and 15.9 mm thick panels or 32 mm long for 19 mm thick panels, spaced 204 mm OC when panels are applied horizontally, or 305 mm OC when panels are applied vertically. Two layer systems: First layer - 25 mm long for 12.7 mm and 15.9 mm thick panels or 32 mm long for 19 mm thick panels, spaced 406 mm OC; Second layer - 42 mm long for 12.7 mm and 15.9 mm thick panels or 57 mm long for 19 mm thick panels, spaced 406 mm OC with screws offset 204 mm from first layer. Three-layer systems: First layer - 25 mm long for 12.7 mm thick panels, spaced 610 mm OC. Second layer - 42 mm long for 12.7 mm thick panels, spaced 610 mm OC. Third layer - 57 mm long for 12.7 mm thick panels, spaced 305 mm OC. Screws offset min 152 mm from layer below.

6. Building Paper - (Not Shown) - No. 15 asphalt felt or equivalent as required.

7. Gypsum Sheathing - For exterior walls, 12.7 mm and 15.9 mm thick exterior regular gypsum sheathing applied vertically or horizontally, attached to studs and runners with 25 mm long Type S12 steel screws spaced 305 mm OC along studs and runners. One or more of the following exterior facings shall be applied over the gypsum sheathing.

A. Siding, Brick or Stucco - Aluminum, vinyl or steel siding, brick veneer or stucco, meeting the requirements of local code agencies. When a min 95 mm thick brick veneer facing is used, the rating is applicable for exposure on either side. Brick veneer attached to studs with coppered metal wall tie attached to each stud with steel screws, not more than one from each course of brick.

B. Foamed Plastic - Aged expanded polystyrene (EPS) board per ASTM C578, with a nominal density not less than 16 kg/m³, with a flame spread of less than 25 and a smoke developed of less than 450, adhered to the gypsum sheathing (Item 7) See Foamed Plastic (CCVVC) Category for names of Classified companies.

8. Furring Channels - (Optional on one or both sides, not shown, for single or double layer systems) - Resident furring channels fabricated from min 0.45 mm (20 MSG) corrosion-protected steel, spaced vertically a max of 610 mm OC. Flange portion attached to each intersecting stud with 12.7 mm long Type S-12 pan-head steel screws. Not for use with gypsum panels under Item 4A.

9. Batts and Blankets - (Optional) - Placed in stud cavities, any glass fiber or mineral wool insulation bearing the ULC Classification Marking as Surface Protection Characteristics and/or Fire Resistance. See Batts and Blankets (BKWC and/or BZJCC) Categories for names of Classified companies.

10. Joint Tape and Compound - Vinyl or caulk, dry or premixed joint compound applied in two coats to joints and screw heads of interior face layer. Paper tape, nom 50 mm wide, embedded in first layer of compound over all joints of interior face layer. Paper tape and joint compound may be omitted when gypsum boards are supplied with square edges.

11. Caulking and Sealants - (Optional, Not Shown) - A bead of acoustical sealant applied around the partition perimeter on interior side for sound control.

12. Lead Batten Strips - (Not Shown, For Use With Item 4A) - Lead batten strips, min 38 mm wide, max 3050 mm

long with a max thickness of 3.2 mm. Strips placed on the interior face of studs and attached from the exterior face of the stud with two 25 mm long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to have a purity of 99.9%, meeting the US Federal specification QQ-L-2011, Grade "C". Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Required behind vertical joints.

13. Lead Discs or Tabs - (Not Shown, For Use With Item 4A) - Used in lieu of or in addition to the lead batten strips (Item 12) or optional at other locations - Max 19 mm diam, by max 3.2 mm thick lead disc compression fitted or adhered over steel screw heads or max 12.7 mm by 32 mm by max 3.2 mm thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the US Federal specification QQ-L-2011, Grade "C".

Last Updated on 2015-11-10

Questions? Print this page Terms of Use Page Top

Copyright © 2015 Underwriters Laboratories of Canada Inc.

When the UL Leaf Mark is on the product, or when the word "Environment" is included in the UL Mark, please search the UL Environment database for additional information regarding this product's certification.

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Listed and covered under UL's Follow-Up Service. Always look for the Mark on the product.

ULC permits the reproduction of the material contained in the ULC Online Directories subject to the following conditions: 1. The Guide Information, Designs and/or Listings (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings); 2. The statement "Reprinted from the ULC Online Directories with permission from Underwriters Laboratories of Canada Inc." must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "Copyright © 2015 Underwriters Laboratories of Canada Inc."

An independent organization Working For a safer world with integrity, precision and knowledge



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work. 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

Table with 2 columns: Issue description, date

revisions



OWNER: AMERICAN IRON & METAL 9100, BOUL. HENRI-BOURASSA EST MONTREAL, QUEBEC H1E 2S4 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

NOTE: DESIGN CALCULATIONS FOR THICKNESS OF SPRAY APPLIED FIRE RESISTIVE MATERIAL TO BE APPROVED BY MANUFACTURER AND APPROVED BY THE LOCAL BUILDING INSPECTOR. CALCULATIONS MUST BE REVIEWED AND APPROVED PRIOR TO INSTALLATION.

NOTE: THIS SECTION APPLIES ONLY WHEN FIRE RATED SPRAY FOAM IS INSTALLED. REFER TO CODE PLAN AND ALL ASSEMBLIES FOR REQUIREMENTS.

Table with columns for Full Flange Tip Thickness (in) and Half Flange Tip Thickness (in) for BXUV N82 Beam for Unprotected Floor/Ceiling, Fluted Decking.

Table with columns for Full Flange Tip Thickness (in) and Half Flange Tip Thickness (in) for Member.

Table with columns for Full Flange Tip Thickness (in) and Half Flange Tip Thickness (in) for Member.

Table with columns for Full Flange Tip Thickness (in) and Half Flange Tip Thickness (in) for Member.

ARCHITECT: nicholas caragianis architect inc. 137 Pamela Street, Ottawa, ON K1S 3Y9 t: 613 937 8891 e: info@ncarchitect.ca www.ncarchitect.ca

PROJECT LOCATION: METAL RECYCLING PLANT AIM / KENNY U-PULL 1533 MCADOO'S LANE KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING: ULC DESIGNS

SCALE: N/A DRAWING #: A0.06

DATE: JUN 2022 DRAWN BY: LE, SH.

FOUNDATION WALL TYPES

Table with columns for RATING, FOUNDATION WALL, and diagrams showing EXTERIOR and INTERIOR views of various foundation wall types (e.g., 300mm poured concrete, 400mm poured concrete, 254mm concrete wall).

EXTERIOR WALLS

Table with columns for RATING, EXTERIOR WALLS, and diagrams showing EXTERIOR and INTERIOR views of exterior wall types (e.g., insulated metal panel, micro-ribbed insulated metal panel).

EXTERIOR WALLS

Table with columns for RATING, EXTERIOR WALLS, and diagrams showing EXTERIOR and INTERIOR views of exterior wall types (e.g., exterior - conc wall with rigid insul, exterior wall - insulated metal panel).

INTERIOR PARTITIONS

Table with columns for RATING, INTERIOR PARTITIONS, and diagrams showing EXTERIOR and INTERIOR views of interior partition types (e.g., drywall partition, fire rated drywall partition).

Table with columns for RATING, FIRE RATED DRYWALL PARTITION, and diagrams showing EXTERIOR and INTERIOR views of fire rated drywall partitions.

INTERIOR PARTITIONS

Table with columns for RATING, INTERIOR PARTITIONS, and diagrams showing EXTERIOR and INTERIOR views of interior partition types (e.g., 6" concrete block wall, 10" concrete block fire wall).

PARAPET WALLS

Table with columns for RATING, PARAPET WALLS, and diagrams showing EXTERIOR and INTERIOR views of parapet wall types.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work. 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

Table with columns for revision number, description, and date, listing several revisions for the tender.



OWNER: AMERICAN IRON & METAL 9100, BOUL. HENRI-BOURASSA EST MONTREAL, QUEBEC H1E 2S4 tel: 514-494-2000 aim-global.com

ARCHITECT: nicholas caragianis architect inc. 137 Pamela Street, Ottawa, ON K1S 3Y9 t: 613 237 6801 f: 613 237 8989 e: info@ncarchitect.ca www.ncarchitect.ca

PROJECT & LOCATION: METAL RECYCLING PLANT AIM / KENNY U-PULL 1533 MCADOO'S LANE KINGSTON

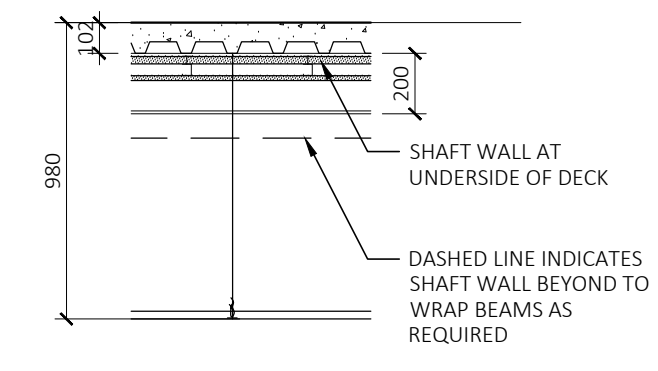
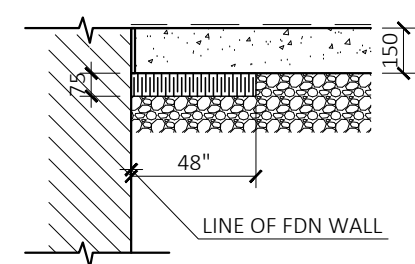
OFFICE FILE NUMBER: 20014

TITLE OF DRAWING: WALL, FLOOR, AND ROOF ASSEMBLIES

SCALE: N.T.S. DRAWING #: A0.07 DATE: JUN 2022 DRAWN BY: LE, SH.

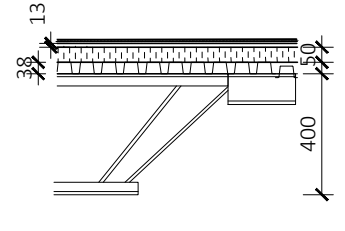
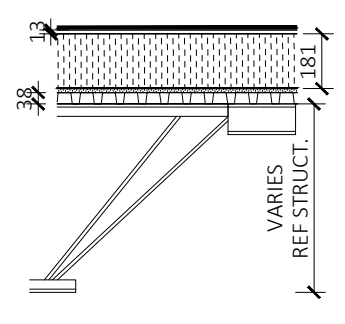
FLOOR TYPES

| RATING | SLAB ON GRADE IN OFFICE AREA (HEATED ABOVE) | ULC DESIGN # | OBC WALL # | STC CLASS |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------|------------|-----------|
| NON RATED | FLOOR FINISH. REFER TO I.D. DWG A0.00 6" POURED CONC. SLAB ON GRADE (SEE STRUCTURAL DRAWINGS). SLOPE TO DRAINS. 3" SOPREMA SOPRA-XPS 30 THERMAL INSULATION BOARD R15 TO EXTEND 48" FROM THE FOUNDATION WALLS AROUND THE PERIMETER OF THE BUILDING. REFER TO FOUNDATION PLAN FOR LOCATIONS OF UNDER SLAB INSULATION AT EXIT DOORS. REFER TO GEOTECHNICAL REPORT FOR DEPTH AND GRANULAR SPECIFICATION | - | - | - |
| 1.5 HR MIN. AS NOTED ON PLAN | MEZZANINE FLOOR (DROP CEILING) -SUSPENDED 2'x4' LIGHTWEIGHT DRYWALL PANEL CEILING REFER TO INTERIOR FINISHES SCHEDULE FOR CEILING FINISHES. ENSURE PANELS ARE EASILY REMOVED. -STRUCTURAL BEAMS REFER TO STRUCT. FOR SPEC. -STRUCTURAL STEEL DECK REFER TO STRUCT. DRAWINGS FOR DEPTH AND DECK GAUGE. -POURED CONCRETE SLAB. REFER TO STRUCTURAL DRAWINGS FOR SPEC. -REFER TO INTERIOR FINISHES SCHEDULE FOR FLOOR FINISHES. - REFER TO CODE PLAN AND WALL SECTIONS FOR FIRE RATED WALL AND FLOOR LOCATIONS AND ULC SHEETS A0.05 FOR FIRE RATED ULC SPEC. | W452 REFER TO ULC DWG. A0.05 | | |



ROOF TYPES

| RATING | WAREHOUSE & OFFICE SBS ROOF - HEATED AREA | TRUCK SCALE SBS ROOF - OUTSIDE AREA |
|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NON RATED | 2 PLY TORCH ON SBS ROOF MEMBRANE (4.0MM CAP MEMBRANE ALLOWED) -CAP SHEET- SOPRALENE FLAM 250 GR (2.5MM BASE FLASHING MEMBRANE ALLOWED). -BASE SHEET- SOPRAFIX BASE 630 (2.5MM BASE MEMBRANE ALLOWED). -PROTECTION BOARD - SOPRABOARD -7" MIN. R-350 SOPRAISO MECHANICALLY FASTENED POLYISO INSULATION (ALTERNATIVE POLYISO SUPPLIER ALLOWED). (2 LAYERS MIN. CW STAGGERED JOINTS) G.C. TO INSTALL EXTRA TAPERED INSULATION TO ENSURE A MIN. 1% SLOPE TO ALL ROOF DRAINS. -REFER TO ROOF PLAN FOR ALL LOCATIONS OF SLOPED INSULATION. -SOPRAVAP [®] SELF-ADHESIVE AIR & VAPOUR BARRIER (KRAFT VAPOUR BARRIER ALTERNATIVE ALLOWED) -13mm NON-COMBUSTIBLE DENSDECK MEMBRANE SEPARATION LAYER (1/2" GYPSUM BOARD ACCEPTED AS AN ALTERNATIVE) ENSURE TO FIRE STOP AND SMOKE SEAL TO CONC. BLOCK FIRE WALL PENETRATIONS. (REFER TO STRUCTURAL DRAWINGS FOR DECK AND TRUSS SPEC) 1% MIN. SLOPED TRUSSES US OF DECK TO BE ZINC COATED | 2 PLY TORCH ON SBS ROOF MEMBRANE -CAP SHEET- SOPRALENE FLAM 250 GR -BASE SHEET- SOPRAFIX BASE 630 -PROTECTION BOARD - SOPRABOARD -7" MIN. R-350 SOPRAISO MECHANICALLY FASTENED POLYISO INSULATION (ALTERNATIVE POLYISO SUPPLIER ALLOWED). G.C. TO INSTALL EXTRA TAPERED INSULATION TO ENSURE A MIN. 1% SLOPE TO ALL ROOF DRAINS. -REFER TO ROOF PLAN FOR ALL LOCATIONS OF SLOPED INSULATION. -REFER TO STRUCTURAL DRAWINGS FOR DECK AND TRUSS SPEC) 1% MIN. SLOPED TRUSSES US OF DECK TO BE ZINC COATED |



NOTES:

- FOR ALL WALL TYPES, PROVIDE WATER-RESISTANT WALLBOARD PER SPECIFICATION SECTION AT WALLS AND CEILING ADJACENT TO WET AREAS AND WITHIN WASHROOMS. INSTALL CEMENT BOARD MIN 2'-0" A.F.F. ON ALL WALLS IN THE WASHROOM AND REPLACE G.W.B. WITH TILE BACKER BOARD BEHIND THE KITCHEN AND ON ALL WALLS IN THE WASHROOMS AND IN THE JANITORS ROOMS. INSTALL 4'-0" STAINLESS STEEL OVER 4'-0" HIGH CEMENT BOARD ON ALL SIDES OF THE MOP SINKS. ALL FIRE SEPARATIONS SHALL BE CONSTRUCTED AS CONTINUOUS ELEMENTS AND OPENINGS PROTECTED WITH CLOSURES IN CONFORMANCE WITH THE PROVINCIAL BUILDING CODE.
- ALL PARTITIONS ACTING AS FIRE-RATED ENCLOSURES SHALL EXTEND FROM FLOOR LEVEL TO THE U.S. OF STRUCTURE OR FLOOR ABOVE AND ALL VOIDS ABOVE THE TOP OF PARTITIONS SHALL BE FILLED WITH FIRE-STOP MATERIAL AND SEALED FOR A SMOKE TIGHT FIT. REFER TO DETAILS BAY 01.
- ALL DUCT PENETRATIONS THROUGH RATED FIRE SEPARATIONS SHALL HAVE FIRE DAMPERS WITH RATINGS CONFORMING TO PART 3.1.8.4 OF THE O.B.C. ALL PENETRATIONS AND ANY VOIDS AT DUCT OR MECHANICAL PENETRATIONS OF FIRE SEPARATIONS SHALL BE FILLED WITH FIRE-STOP AND SMOKE SEALED MATERIAL. REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE BLOCKING & BACKING IN WALLS ADJACENT TO TOILETS AND WITHIN SHOWER ENCLOSURES WITHIN BATHROOMS FOR ACCESSORIES. PROVIDE BLOCKING AS REQUIRED FOR ALL WALL MOUNTED FURNITURE, ACCESSORIES AND EQUIPMENT. NOTE: PARTITIONS ARE SUSPENDED OFF THE FLOOR AND FROM THE CEILING SO ARE REQUIRED TO BE FASTENED TO THE WALL AND THE CEILING SO G.C. TO ENSURE TO PROVIDE BLOCKING ABOVE THE CEILING FINISH FOR WASHROOM PARTITIONS. FOR URINAL PARTITION SCREENS, THE G.C. IS TO PROVIDE ADDITIONAL CASTERS TO CONNECT THE SCREEN TO THE FLOOR SLAB. TO ENSURE SCREENS CAN BE LEANED ON.
- ALL RATED WALLS WITH U.L.C. DESIGN NUMBERS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE CRITERIA SET BY THE UNDERWRITERS' LABORATORIES OF CANADA. WALL CONSTRUCTION WHICH MAY EXCEED THE REQUIREMENTS OF THE APPLICABLE U.L.C. DESIGN SHALL BE PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF THE DRAWINGS.
- ALL INTERIOR PARTITION WALL DIMENSIONS ARE TAKEN FROM THE FACE OF DRYWALL.
- G.C. TO INSTALL ANGLE METAL LINERS OVER ALL EXPOSED GIRTS, AT OVERHEAD DOORS, EXTERIOR WINDOWS AND EXTERIOR DOOR HEADS AND JAMBS IN THE WAREHOUSE AND DEPOLLLUTION AND DRIVE THRU AREA, AND OVER HORIZONTAL CEMENT BOARD LOCATED ON TOP OF 120MM HIGH POURED CONCRETE WALLS. G.C. TO INSTALL VERTICAL METAL LINERS 120MM HIGH IN FRONT OF ALL COLUMNS IN THE AIM WAREHOUSE & NORTH DRIVE THRU WALL. COORDINATE LINER SPEC WITH IMP SUPPLIER. LINER METAL TO MATCH INTERIOR IMP METAL LINER SPEC.
- G.C. TO INSTALL PRE-FINISHED METAL FLASHING (COLOUR TO MATCH ADJACENT SIDING) AT ALL EXTERIOR WINDOWS AND DOORS. NOTE: THAT METAL FLASHING COVERS ALL OVERHEAD DOOR STEEL PLATES AT HEADS AND JAMBS. AT OVERHEAD DOORS PRE-FINISHED METAL FLASHING RETURNS ON THE INTERIOR BY 300MM AND ON THE EXTERIOR BY 100MM. G.C. TO COORDINATE WITH THE FLASHING SUPPLIER TO ENSURE TO INSTALL SUFFICIENT GAUGE METAL TO ENSURE THAT NO OIL CANNING OCCURS. METAL FLASHING THAT RESULTS IN OIL CANNING AFTER INSTALLATION WILL HAVE TO BE REMOVED AND REPLACED AT THE G.C.'S EXPENSE.
- ALL WALL BOARDS TO BE TAPED, MUD AND Sanded SMOOTH TO RECEIVE NEW WALL FINISH. ENSURE TO INSTALL REINFORCEMENT (EXPANDED METAL LATH) AT ALL INTERIOR AND EXTERIOR WALL BOARD CORNERS. DRYWALL INSTALLER TO INSTALL EXPANSION JOINTS AS PER DRYWALL MANUFACTURER'S REQUIREMENTS. RESILIENT CHANNELS FOR DRYWALL INSTALLATION. DRYWALL FRAMING (NONSTRUCTURAL 25 GAUGE, 22 GAUGE AND 20 GAUGE) IS NOT PERMITTED IN LOAD BEARING (I.E. AXIAL LOAD GREATER THAN 200 LBS.) OR EXTERIOR APPLICATIONS (I.E. TRANSVERSE LOAD GREATER THAN 10 PSF). REFERENCE ASTM C 645 SECTION 3.2.2.

ACOUSTIC WALL CONSTRUCTION REQUIREMENTS:

ABSORPTION MATERIAL:
SOUND ABSORPTIVE MATERIAL TO HAVE A MINIMUM DENSITY OF 0.6 LB/FT³. SOUND ABSORPTIVE MATERIAL MUST FILL AT LEAST 90% OF THE CAVITY DEPTH TO PROVIDE THE SPECIFIED STC. THE CAVITY MUST NOT BE OVER-FILLED TO THE POINT OF PRODUCING SIGNIFICANT OUTWARD PRESSURE ON FINISHES. WHEN THE ABSORPTIVE MATERIAL USED WITH STEEL STUD ASSEMBLIES IS IN BATT FORM, THEY MUST BE WIDE ENOUGH TO FILL THE CAVITY FROM THE WEB OF ONE STUD TO THE WEB OF THE ADJACENT STUD.

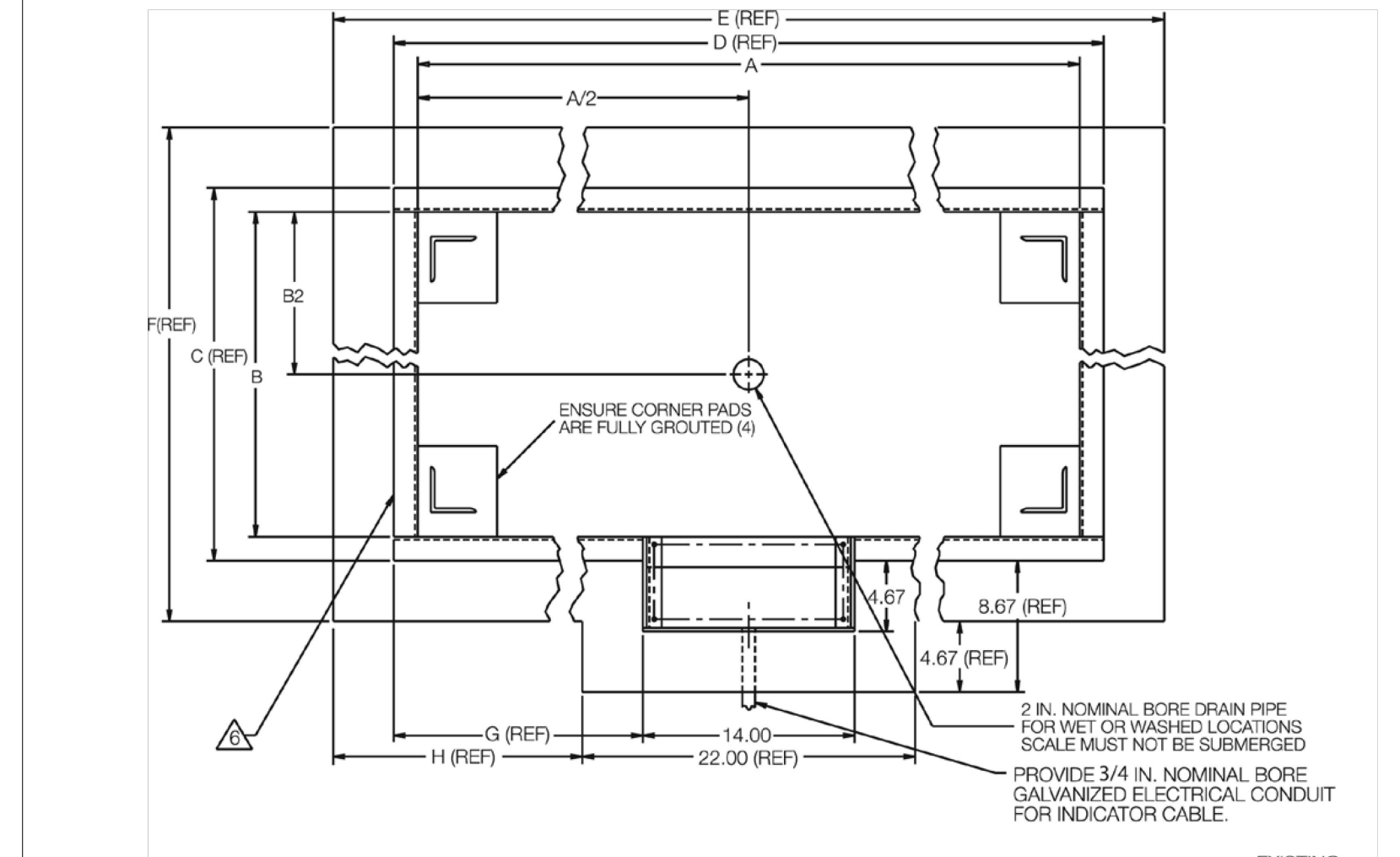
CRACKS/VOIDS:
FOR WALLS THAT HAVE RATINGS OVER STC-50 ACOUSTICAL SEALANT TO BE APPLIED AROUND ELECTRICAL BOXES AND OTHER OPENINGS, AS WELL AS AT THE JUNCTION OF INTERSECTING WALLS AND FLOORS. ALL CRACKS/PENETRATIONS/HOLES/ETC. TO BE FILLED WITH ACOUSTIC MATERIAL AND SEALED WITH ACOUSTIC CAULK. ALL WALL/FLOOR JOINTS ARE TO BE SEALED WITH ACOUSTIC CAULK. THE OUTER LAYER OF FINISH ON BOTH SIDES OF A GYPSUM BOARD WALL MUST HAVE THE JOINTS TAPED AND FINISHED.

ELECTRICAL OUTLETS:
BOXES ON OPPOSING SIDES OF A WALL MUST NOT BE PLACED BACK TO BACK, OR AT OPPOSITE ENDS OF THE SAME INTER-STUD CAVITY, BUT SEPARATED BY AT LEAST ONE INTER-STUD CAVITY.

CONCRETE BLOCK:
CONCRETE BLOCK WALLS TO BE SEALED WITH AT LEAST TWO COATS OF PAINT TO PREVENT SOUND LEAKAGE AND WATER RESISTANT PAINT IN THE LOCKER AND WASHROOM AREAS.

RESILIENT CHANNELS (IF NOTED ON DRAWINGS):
RESILIENT CHANNELS TO BE INSTALLED WITH THE GYPSUM BOARD HANGING FROM THE CHANNEL. DRYWALL SCREWS MUST NOT BE FASTENED TO THE STUD ITSELF, AND SHOULD OFFSET THE STUD BY 25mm.

RoughDeck® HP, SS & HE
Pit Frame Concrete Details*



| Scale Size | 2.5ft x 2.5ft | 3ft x 3ft | 4 ft x 4ft | 5ft x 5ft | 4ft x 5ft | 4ft x 6ft | 5ft x 6ft | 5ft x 7ft |
|------------|---------------|-----------|------------|-----------|-----------|-----------|-----------|-----------|
| A | 30.75 | 36.75 | 48.75 | 60.75 | 60.75 | 72.75 | 72.75 | 84.75 |
| B | 30.75 | 36.75 | 48.75 | 60.75 | 60.75 | 48.75 | 48.75 | 60.75 |
| C | 33.92 | 39.92 | 51.92 | 63.92 | 51.92 | 51.92 | 63.92 | 63.92 |
| D | 33.92 | 39.92 | 51.92 | 63.92 | 63.92 | 75.92 | 75.92 | 87.92 |
| E | 41.92 | 47.95 | 59.92 | 71.92 | 71.92 | 83.92 | 83.92 | 95.92 |
| F | 41.92 | 47.95 | 59.92 | 71.92 | 59.92 | 59.92 | 71.92 | 71.92 |
| G | 9.96 | 12.96 | 18.96 | 24.96 | 24.96 | 30.96 | 30.96 | 36.96 |
| H | 9.96 | 12.96 | 18.96 | 24.96 | 24.96 | 30.96 | 30.96 | 36.96 |

- All dimensions are shown in inches. Drawing #0304-A-Rev. 0
*Drawings are for standard catalog part numbered scales.
- Use concrete of minimum yield strength 5,000 PSI or 6-bag mix.
 - Allow 7 days to cure (wet concrete periodically during this time).
 - Dimensions shown assume firm, stable soil conditions. When soil conditions are not adequate, place foundation at sufficient depth.
 - In wet or washdown applications, we recommend the use of hermetically sealed ball balls, and that junction box be mounted remotely in a dry location.
 - Wire mesh to have minimum 0.75in cover bottom and sides.
- ⚠️ 1/8in stainless steel versions, two pieces of 2in angle will be substituted for 4in channel.

FLOOR SCALE CUT SHEET - FOR REFERENCE ONLY
G.C. TO COORDINATE AND CONFIRM WITH THE OWNER AND THE ELEC. DRAWINGS

| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-----------------|--------------------------|------|
| 1 | RCE-08-0138-001 | RC2138-4138 Assembly Box | 2 |
| 2 | RCE-08-0138-002 | Bottom Tube | 2 |
| 3 | RCE-08-0138-003 | Reinforcement Type 1 | 2 |
| 4 | RCE-08-0138-004 | Reinforcement Type 2 | 4 |
| 5 | RCE-08-0138-005 | Reinforcement Type 3 | 6 |
| 6 | RCE-08-0138-006 | Base Plate | 1 |

| DATE | DESCRIPTION | BY | CHKD. |
|------|-------------|----|-------|
| | | | |

| NAME | DATE | STATUS |
|------|------|--------|
| | | |

| DATE | DESCRIPTION | BY | CHKD. |
|------|-------------|----|-------|
| | | | |

DATE: JUN 2022
SCALE: 1:50
SHEET 1 OF 1

TRUCK WEIGH SCALE RADCOMM FRAME OUT SHEET - FOR REFERENCE ONLY
SUPPLIED AND INSTALLED BY THE OWNER. G.C. TO COORDINATE AND CONFIRM WITH THE OWNER FOR FOUNDATION AND ELEC REQUIREMENTS.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| NO. | ISSUED FOR | DATE |
|-----|----------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#2 | 2024-03-05 |
| 03 | ISSUED FOR PTA#1 | 2023-06-01 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions

| ref | description | date |
|-----|-------------|------|
| | | |



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT:
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 237 6801
f: 613 237 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING:
WALL, FLOOR, AND ROOF ASSEMBLIES

SCALE: N.T.S.
DATE: JUN 2022
DRAWN BY: LE, SH.
DRAWING #: **A0.07A**

FLOOR SCALES
www.ricedeck.com | Phone: 800-472-9703
477

WINDOW AND GLAZING SCHEDULE - 'KAWNEER SERIES 1600' SIMILAR ALTERNATE ACCEPTABLE IF APPROVED BY THE ARCHITECT

| No. | FRAME | | FINISH | | GLAZING | | FRR | REMARKS |
|-----|-------|------|--------|------|-------------|-------------|-----|--------------------------------------------------|
| | TYPE | MATL | EXT | INT | PANE SINGLE | PANE DOUBLE | | |
| W1 | (1) | ALUM | ANOD | ANOD | | ● | (1) | EXTERIOR CLEAR ANODIZED WINDOWS |
| W2 | (1) | ALUM | ANOD | ANOD | | ● | (1) | EXTERIOR CLEAR ANODIZED WINDOWS |
| W3 | (1) | ALUM | ANOD | ANOD | | ● | (1) | EXTERIOR CLEAR ANODIZED WINDOWS |
| W4 | (1) | ALUM | ANOD | ANOD | | ● | (1) | EXTERIOR CLEAR ANODIZED WINDOWS |
| W5 | (2) | PS | ANOD | ANOD | | ● | (2) | 1HR INTERIOR WINDOW BETWEEN OFFICE AND WAREHOUSE |
| W6 | (2) | PS | ANOD | ANOD | | ● | | INTERIOR WINDOW |

ABBREVIATION LEGEND:

| | | | |
|------|----------------------------------------|------|--------------------|
| ALUM | - ALUMINUM | TEMP | - TEMPERED GLASS |
| ANOD | - ANODIZED | TBD | - TO BE DETERMINED |
| TAL | - THERMALLY BROKEN ALUMINUM FRAME | CLR | - CLEAR |
| FRR | - FIRE RESISTANT RATING | | |
| N/A | - NOT APPLICABLE | | |
| FR# | - FIRE RESISTANT RATED GLASS | | |
| MAT | - MATERIAL | | |
| TPS | - THERMALLY BROKEN PRESSED STEEL FRAME | | |

- GENERAL WINDOW/GLAZING NOTES:
- REFER TO EXTERIOR ELEVATIONS AND FLOOR PLANS FOR QUANTITY OF EACH WINDOW TYPE.
 - GC TO PROVIDE SHOP DWGS/OUT SHEETS FOR ALL WINDOW CURTAIN WALL AND FIRE RATED UNITS TO BE APPROVED BY THE CONSULTANT PRIOR TO ORDERING.
 - ALL DOOR GLAZING TO BE CLEAR TEMPERED UNLESS OTHERWISE NOTED. GC TO CALCULATE WINDOW UNIT QUANTITIES PER TYPE.
 - ALL DIMENSIONS TO BE SITE VERIFIED BY GC AND MANUFACTURER.

FRAME TYPES

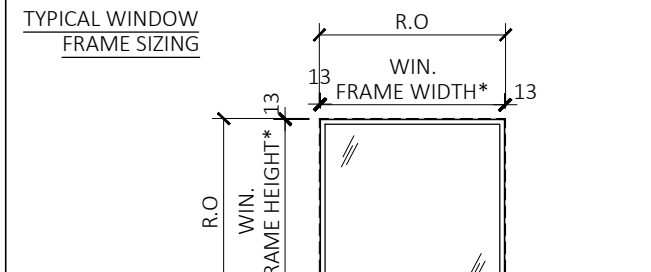
| TYPE | DESCRIPTION |
|------|---------------------------------------------------------------|
| (1) | INSULATED, THERMALLY BROKEN GLAZED ALUMINUM CURTAIN WALL UNIT |
| (2) | PRESSED STEEL FRAME |
| (3) | PRESSED STEEL, FIRE RATED UNIT, MORTAR CAULKING AROUND FRAMES |

GLASS TYPES

| TYPE | DESCRIPTION |
|------|------------------------------------------------------------------|
| (1) | 6mm CLEAR TEMPERED GLASS |
| (2) | 5mm FIRELITE NT FIRE RATED GLAZING - REFER SCHEDULE FOR RATINGS. |

LEGEND

- SPANDREL GLAZING C/W INSULATED BACK PANEL. COLOUR: FRAMES CLEAR ANODIZED. FOR INTERIOR PAN FINISH REFER TO INTERIOR DESIGN PACKAGE.
- CLEAR GLAZING - REFER TO WINDOW SCHEDULE
- FIRE RATED GLAZING - ENSURE FIRE STOP AND SMOKE SEALS ARE INSTALLED AROUND ALL 4-SIDES TO ACHIEVE AND MAINTAIN FIRE RATING REQUIRED. REFER TO WINDOW SCHEDULE
- WINDOW TAG. REFER TO ELEVATIONS FOR LOCATIONS.



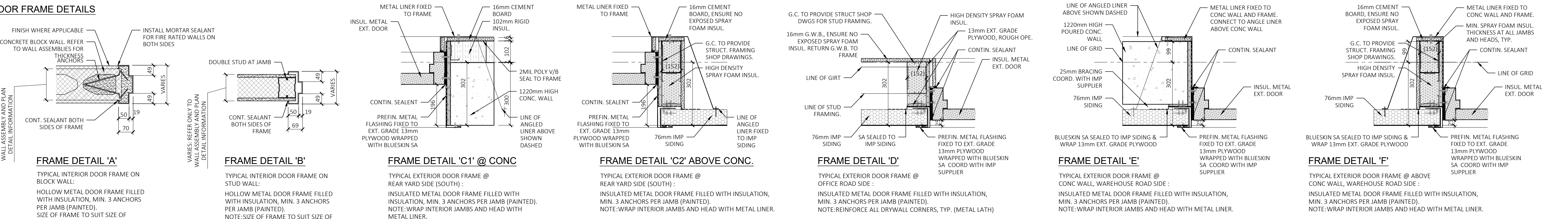
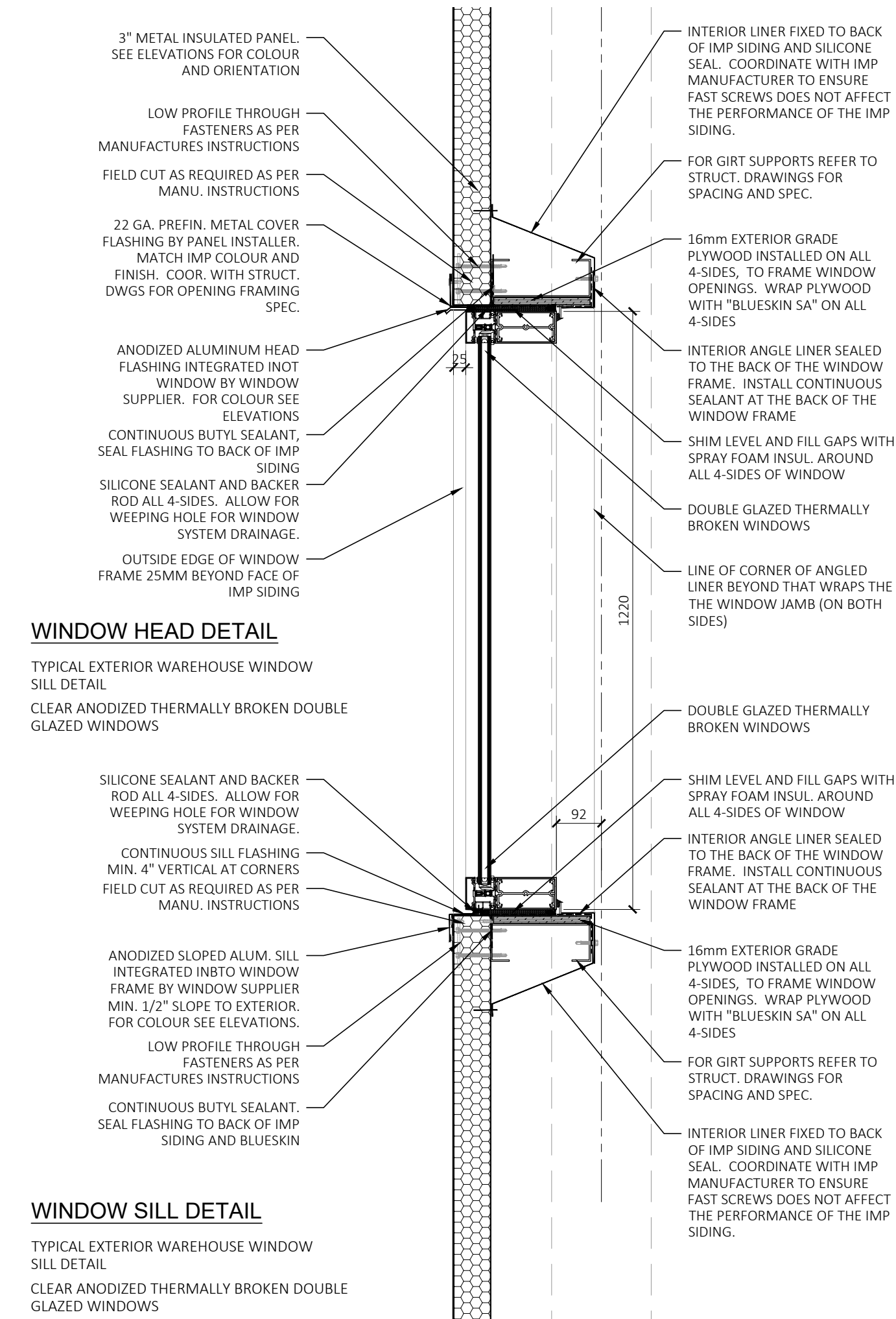
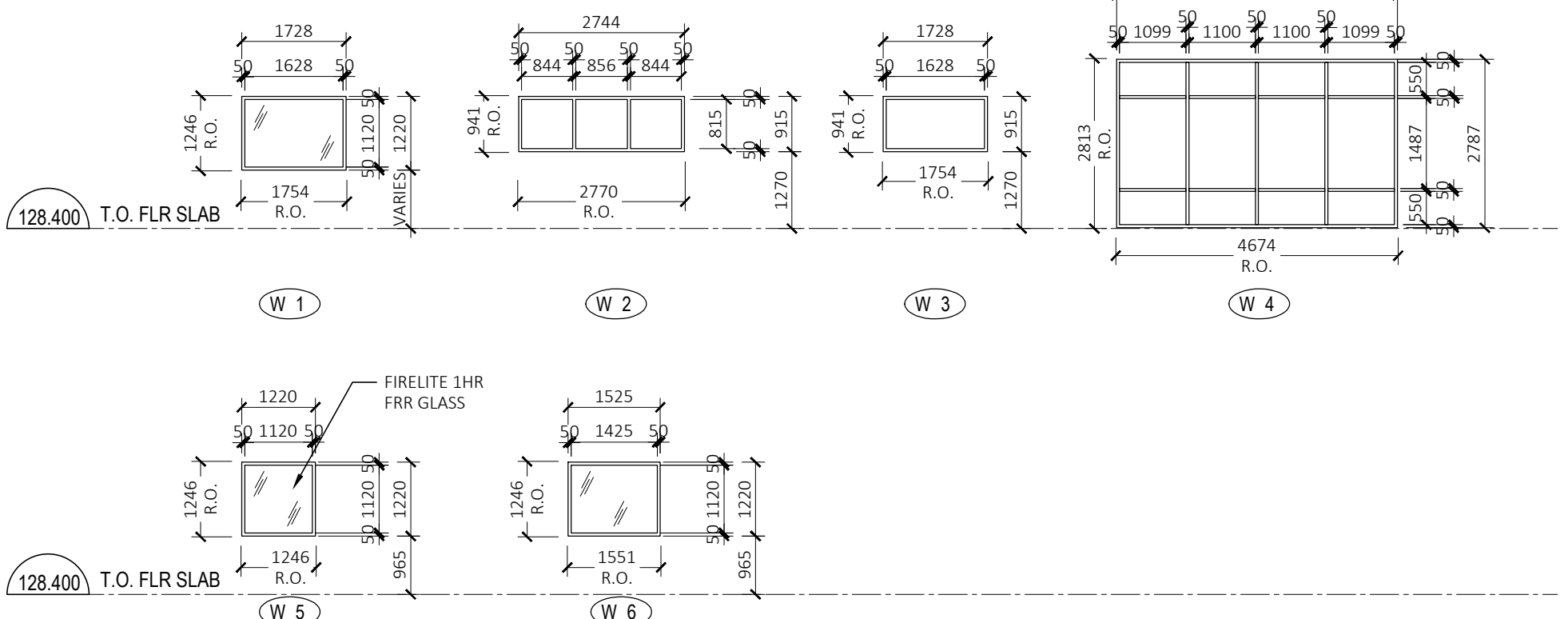
- WINDOW NOTES:
- EXTERIOR WINDOWS AND WINDOWS IN WAREHOUSE/OFFICE SEPARATION WALL TO BE DOUBLE GLAZED FLOAT SEALED UNITS, LOW E, AND ENSURE COMPLIANCE WITH SB-10.
 - ALL DOOR GLAZING TO BE CLEAR TEMPERED. REFER TO DOOR SCHEDULE FOR INSTANCES OF FIRE RATED GLAZING.
 - UNLESS OTHERWISE NOTED, CURTAIN WALL FRAMING TO BE CLEAR ANODIZED ALUMINUM FOR INTERIOR AND EXTERIOR.
 - VERTICAL MULLION QUANTITIES PER WINDOW FRAME MANUFACTURER. SEE STRUCTURAL FOR CONNECTIONS.
 - REFER TO SECTION DETAILS FOR COLOR OF PRE-FINISHED METAL FLASHING AT WINDOWS.
 - ALL GROUND AND MEZZANINE FLOOR GLAZING TO BE TEMPERED UNLESS OTHERWISE NOTED.
 - GC TO CALCULATE & CONFIRM WINDOW QUANTITIES.

COLOUR OF ALL EXTERIOR SWING DOORS AND OVERHEAD DOORS TO THE CHARCOAL

NOTE AS REQUIRED: GLASS SAFETY DECAL ALL GLASS PANELS THAT EXTEND TO THE FLOOR TO RECEIVE SAFETY DECALS. DECALS TO BE PLACED 1400MM A.F.F. TO ENSURE GLASS PANELS ARE VISIBLE. CONFIRM STYLE OF DECAL WITH OWNER GRAPHIC/LOGO. REFER TO O.B.C. 3.8.3.3.1(15) FOR GLASS DOORS GC TO COORDINATE WITH INSPECTOR ON SITE TO CONFIRM DECAL REQUIREMENTS FOR GLASS PANELS

NOTE: ROUGH OPENING IS TO THE MATERIAL THAT FRAMES THE OPENING, INCLUDING BUT NOT LIMITED TO PLYWOOD SHEATHING, STEEL STUDS STEEL COLUMNS AND PLATES ETC. REFER TO PLAN AND SECTION DETAILS FOR CONFIRMATION

NOTE: EXTERIOR WINDOWS TO HAVE A MAX. U-VALUE OF 0.38 AND SHGC OF 0.40 AND VT-SHGC OF 1.10.



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.

2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| NO | ISSUED FOR | DATE |
|----|----------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#1 | 2023-06-01 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

ref description date

revisions

OWNER: AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

ARCHITECT: nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON, K1S 3Y9
t: 613 237 6801
f: 613 237 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

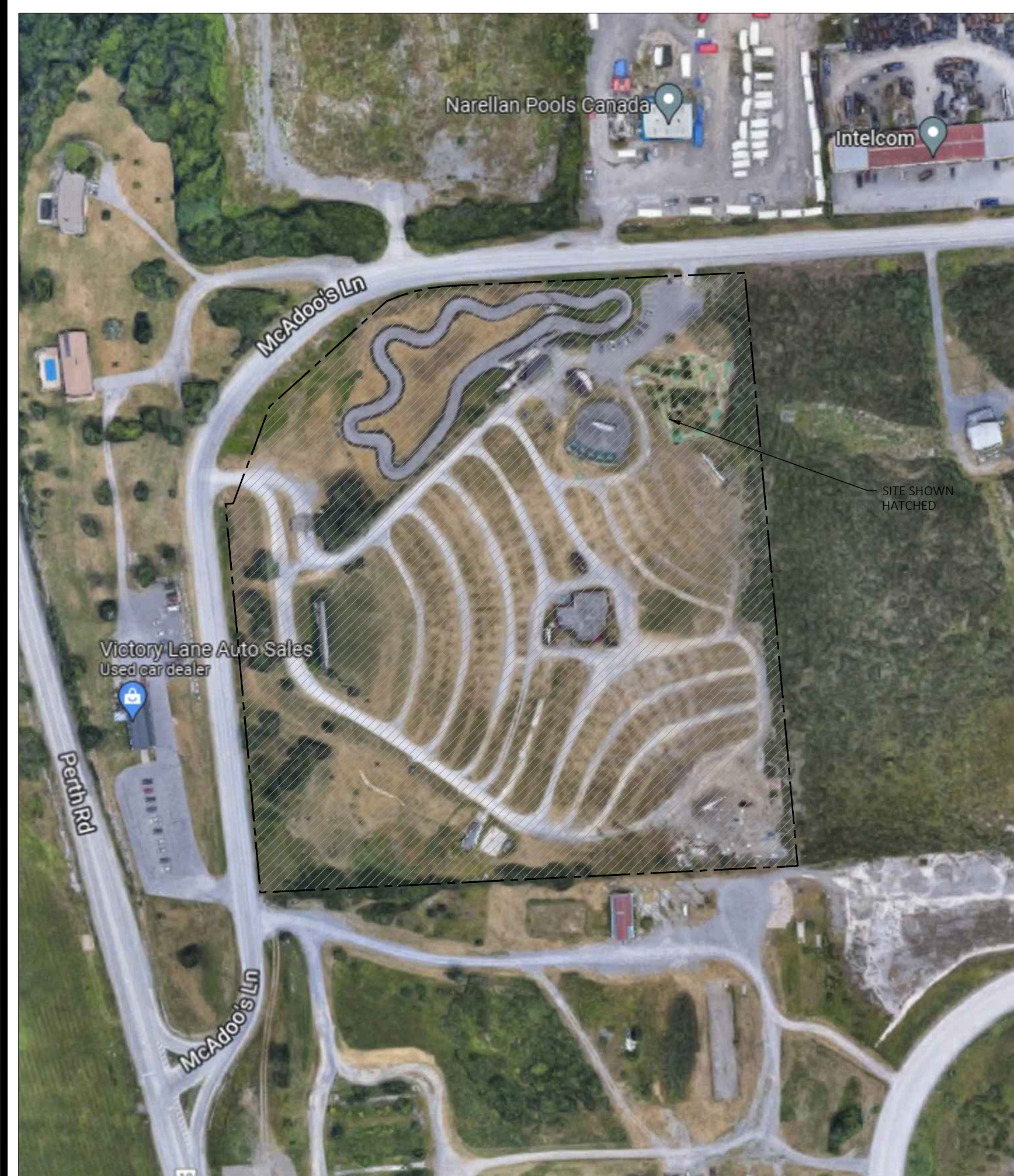
PROJECT & LOCATION: METAL RECYCLING PLANT AIM / KENNY U-PULL
1533 McADOO'S LANE KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING: WINDOW SCHEDULE & JAMB DETAILS

SCALE: N.T.S.
DATE: JUN 2022
DRAWN BY: LE, SH.

DRAWING #: A0.09



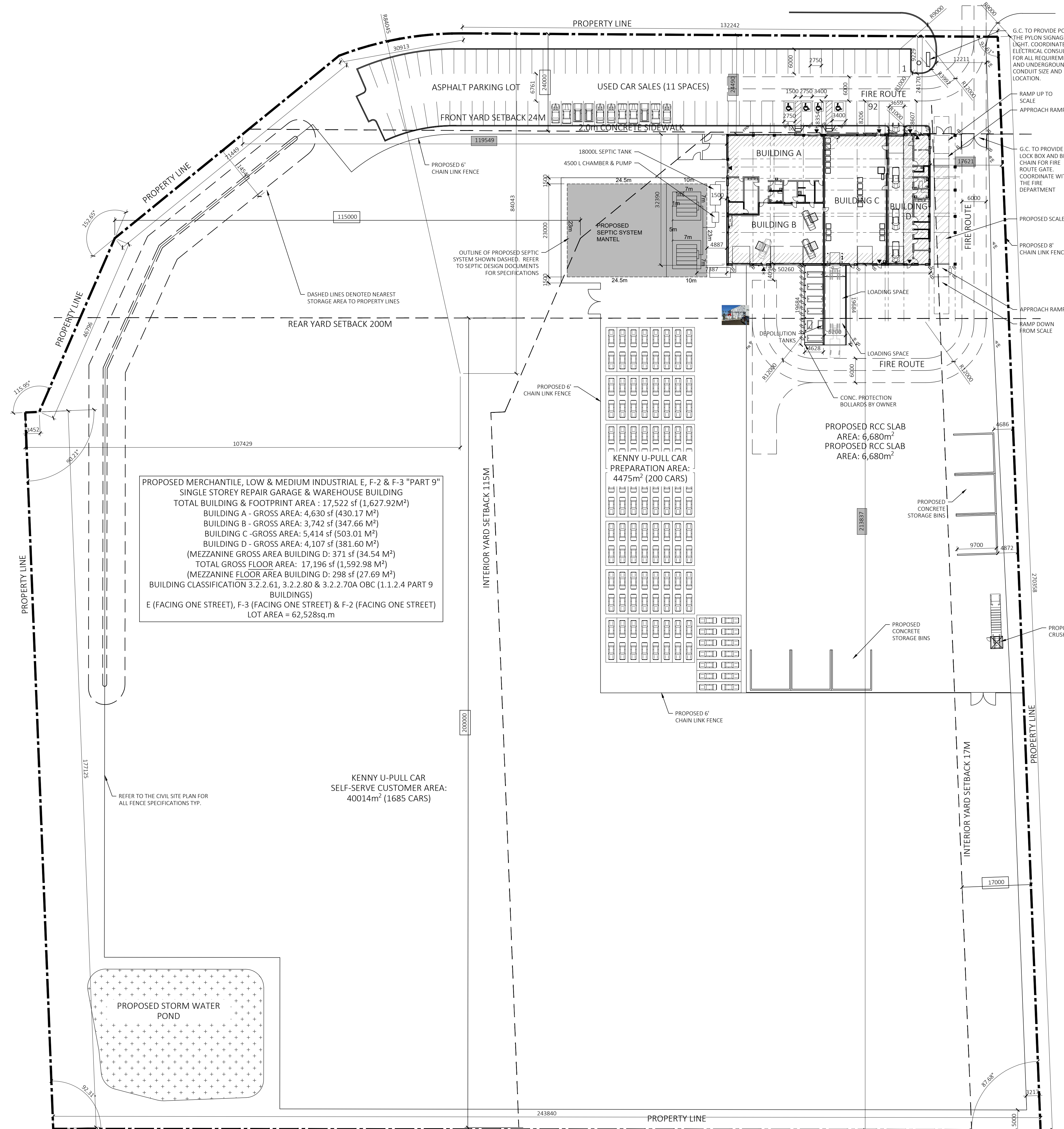
1 CONTEXT PLAN
A1.01 SCALE: 1:2000

TRUE NORTH PROJECT NORTH

LEGEND

- PROPOSED BUILDING LOCATION
- LANDSCAPED AREA
- NEW CONCRETE/ SIDEWALK
- BARRIER FREE PARKING CLEARANCE
- CURB
- DEPRESSED CURB
- PROPOSED TREE/ VEGETATION (REFER TO LANDSCAPE LEGEND FOR SPEC)
- INTERIOR LOADING BAY
- CATCH BASIN, REFER TO CIVIL DWGS
- ENTRANCE/EXIT LOCATION
- TRANSFORMER
- RESERVED
- MAN HOLE COVER, REFER TO CIVIL DWGS FOR LOCATIONS
- 10" BOLLARD, REFER TO DETAIL 3/A1.04
- 2M HIGH CHAIN LINK FENCE WITH VINYL OPAQUE SCREEN ON WEST AND NORTH BOUNDARY
- DIMENSION HIGHLIGHTED WITH SQUARE FRAME INDICATES REQUIRED SETBACK DIMENSION
- DIMENSION HIGHLIGHTED WITH SQUARE FRAME & SHADED INDICATES PROPOSED LIMITING DISTANCE
- BARRIER FREE PARKING SPACES AND TRANSFER SPACE. REFER TO SITE DETAILS ON A1.02
- BARRIER FREE DEPRESSED CURB WITH TACTILE SURFACE REFER TO TYP. DETAIL ON A1.02 & CIVIL DWGS.
- LIGHT POST, REFER TO ELECTRICAL DRAWINGS - G.C TO PROVIDE SHOP DRAWINGS STAMPED BY P.ENG. LICENSED IN ONTARIO FOR ALL LIGHT POSTS
- HEAVY DUTY ASPHALT, REFER TO CIVIL DWGS FOR DETAILS
- LIGHT DUTY ASPHALT, REFER TO CIVIL DWGS FOR DETAILS

GENERAL NOTE: G.C TO REFER TO ELECTRICAL DRAWINGS FOR ALL EXTERIOR LIGHT LOCATIONS AND STANDARDS & CIVIL DRAWINGS FOR DEPRESSED CURB LOCATIONS.



2 SITE PLAN
A1.01 SCALE: 1:500

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.

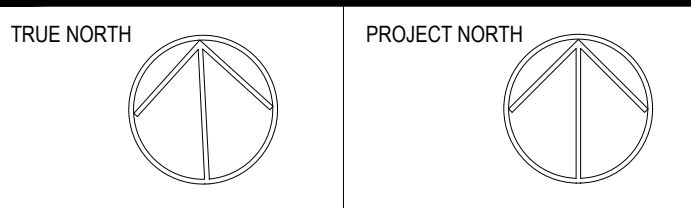
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|-------------------------------------|------------|
| 08 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 07 | ISSUED FOR PTA#2 | 2024-03-05 |
| 06 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 05 | ISSUED FOR PTA#1 | 2023-06-01 |
| 04 | ISSUED FOR PERMIT | 2023-04-14 |
| 03 | ISSUE FOR TENDER ADDENDUM#1 | 2023-03-01 |
| 02 | ISSUE FOR SPC 3RD RND COMMENTS RESP | 2023-02-27 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |



ALL SITE INFORMATION PROVIDED BY THE CLIENT ALL INFORMATION TO BE VERIFIED ON SITE

OWNER: **AMERICAN IRON & METAL**
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com



ARCHITECT: **nicholas caragianis architect inc.**
137 Pamela Street, Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8899
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING: **PROPOSED SITE PLAN**

SCALE: AS NOTED
DATE: JUN 2022
DRAWN BY: LE, SH

DRAWING #: **A1.01**

1 RESERVED
A1.02 SCALE: 1:50

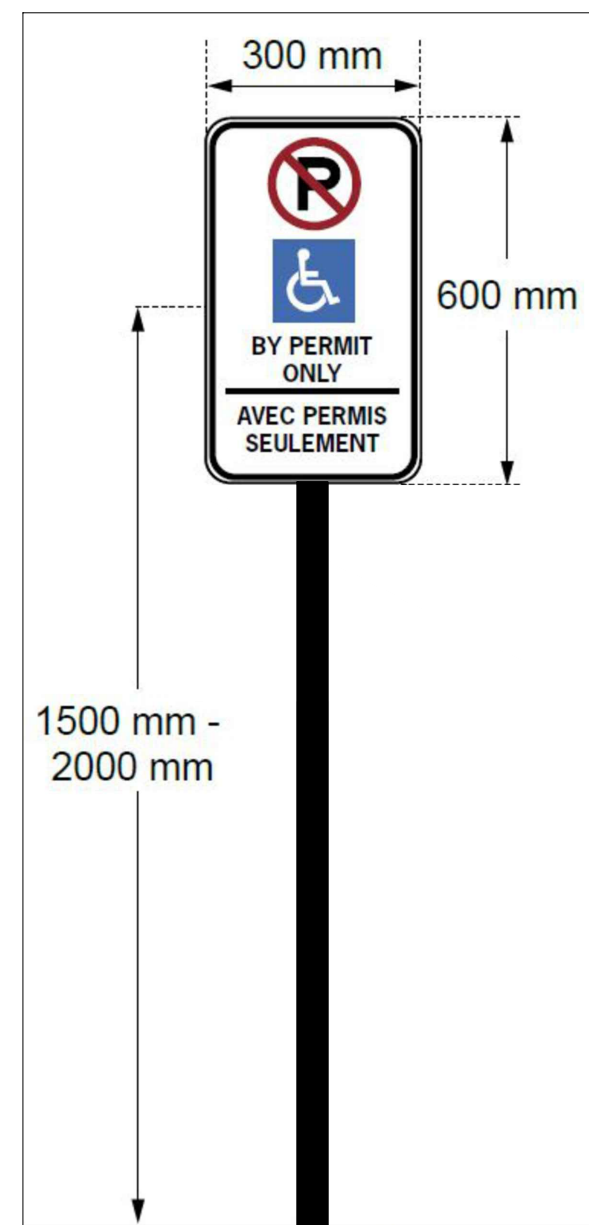
2 RESERVED
A1.02 SCALE: 1:50

3 EXTERIOR BOLLARD DETAIL
A1.02 SCALE: N.T.S.

4 TYPICAL DEPRESSED CURB DETAIL
A1.02 SCALE: N.T.S.

9 TYPICAL PLYON SIGNAGE BASE: FOR REF ONLY
A1.02 SCALE: N.T.S.

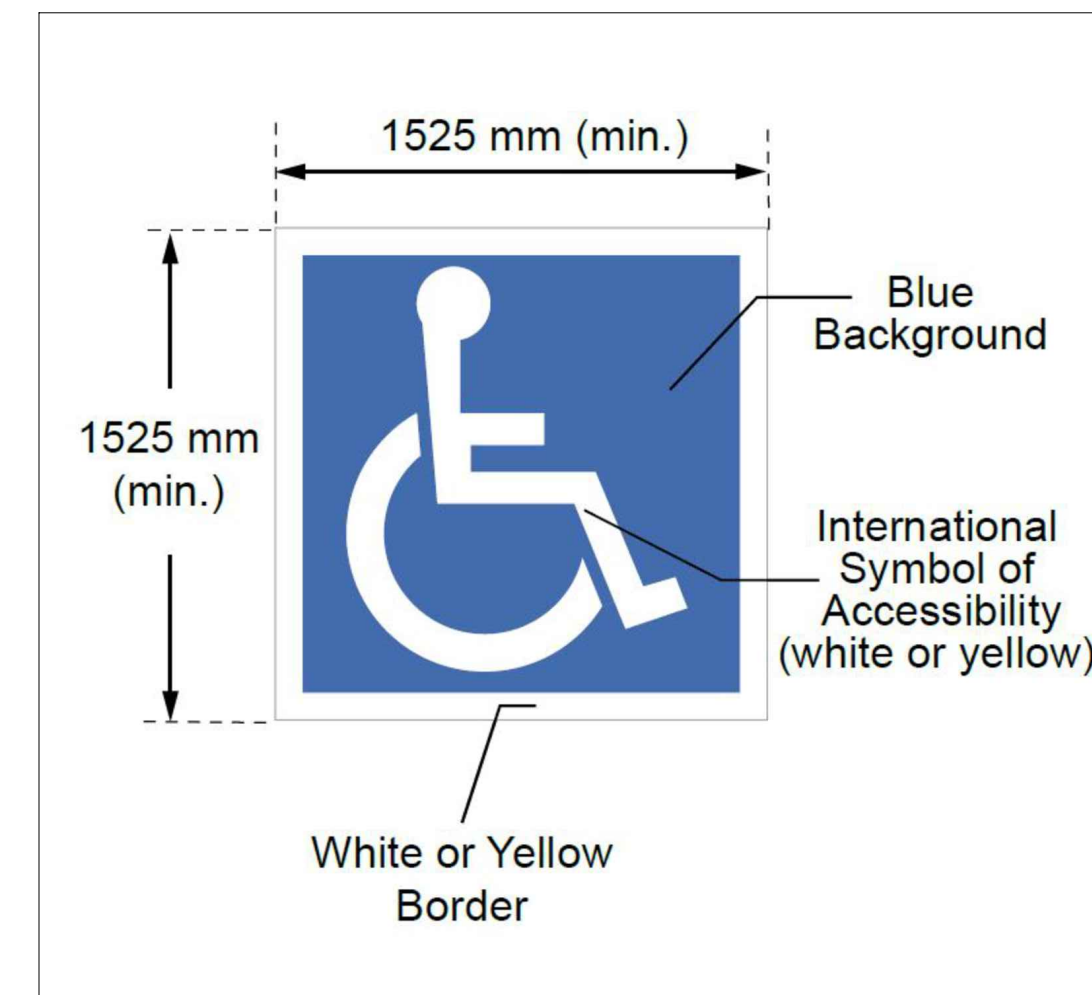
10 TYPICAL CONCRETE CURB DETAIL
A1.02 SCALE: N.T.S.



5 BARRIER FREE PARKING SIGNAGE
A1.02 SCALE: N.T.S.

- ii. Vertical signage for barrier free parking shall be:
 - a) minimum 300 mm wide by 600 mm high;
 - b) mounted at a height of between 1.5 m and 2.0 m from the ground or floor; and
 - c) contrast with the background environment.
- iii. Pavement markings for barrier-free parking shall be:
 - a) Minimum 1525 mm wide by 1525 mm depth;
 - b) Slip resistant;
 - c) Clearly visible through the use of high tonal contrast compared to the surface of the parking space;
 - d) Located near the lack of the space for 90 degree or angled parking spaces and centered for parallel parking spaces.
- iv. A barrier-free parking space should be:
 - a) Connected with an adjacent accessible path of travel with a width of 1.5 m and with the depressed curb or ramp centered on the access aisle
 - b) Designed to include directional signage, marked with the international Symbol of Accessibility, to indicate the location of accessible parking spaces, and/or the location of the nearest accessible entrance if the space or entrances are not easy for users to locate when entering or exiting the site.

6 BARRIER FREE PARKING REQUIREMENTS
A1.02 SCALE: N.T.S.

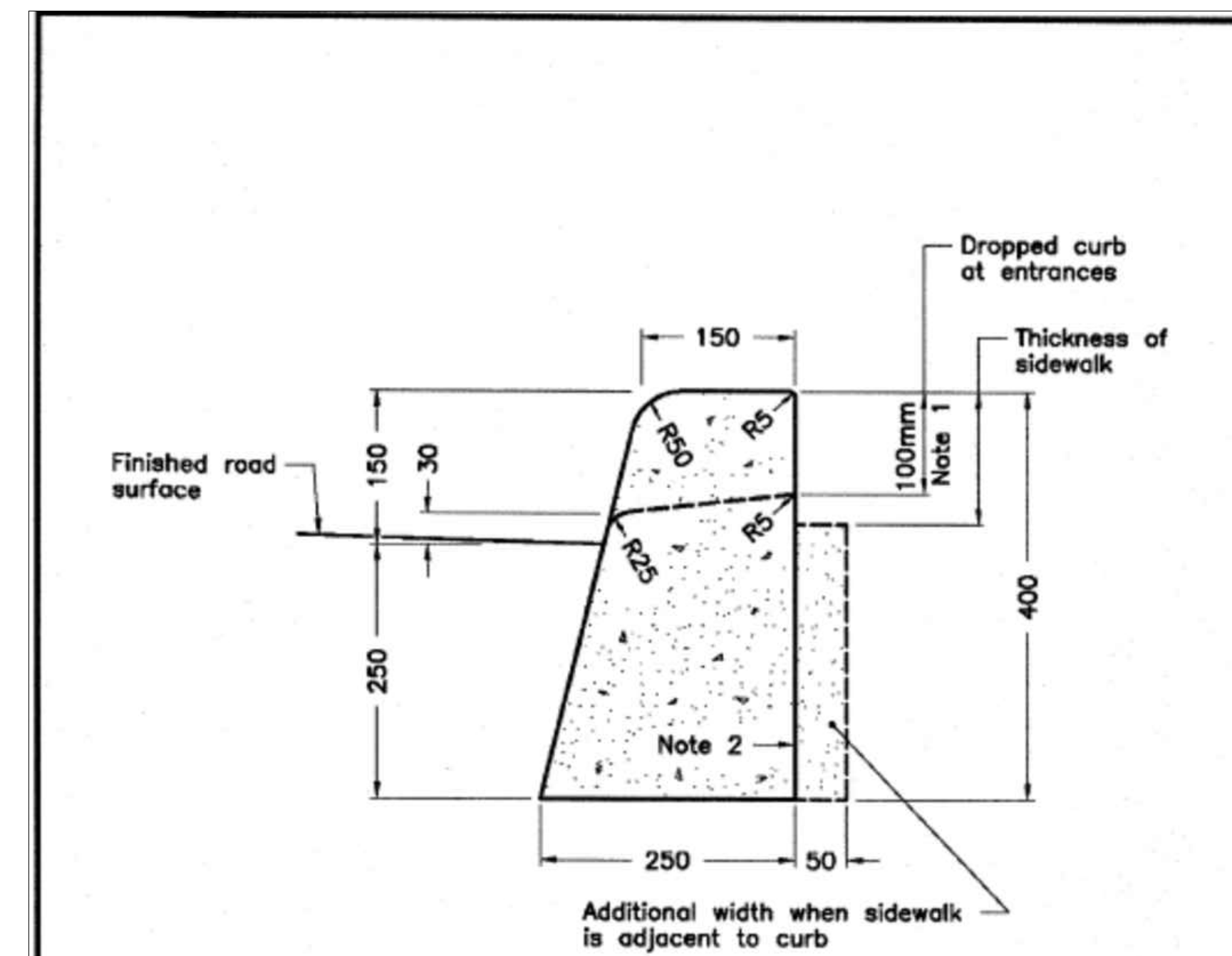


7 BARRIER FREE PARKING PAVEMENT MARKING
A1.02 SCALE: N.T.S.

G.C. TO COORDINATE ALL SIGNAGE SIZE AND SPECIFICATION REQUIREMENTS WITH THE TOWN OF KINGSTON. G.C. TO PROVIDE THE TOWN OF KINGSTON WITH A SIGNAGE TEMPLATE FOR APPROVAL BEFORE INSTALLATION OF SIGNAGE. BEFORE INSTALLATION G.C IS TO SEND SIGNAGE SIZE AND LAYOUT APPROVAL TO THE ARCHITECT FOR REVIEW

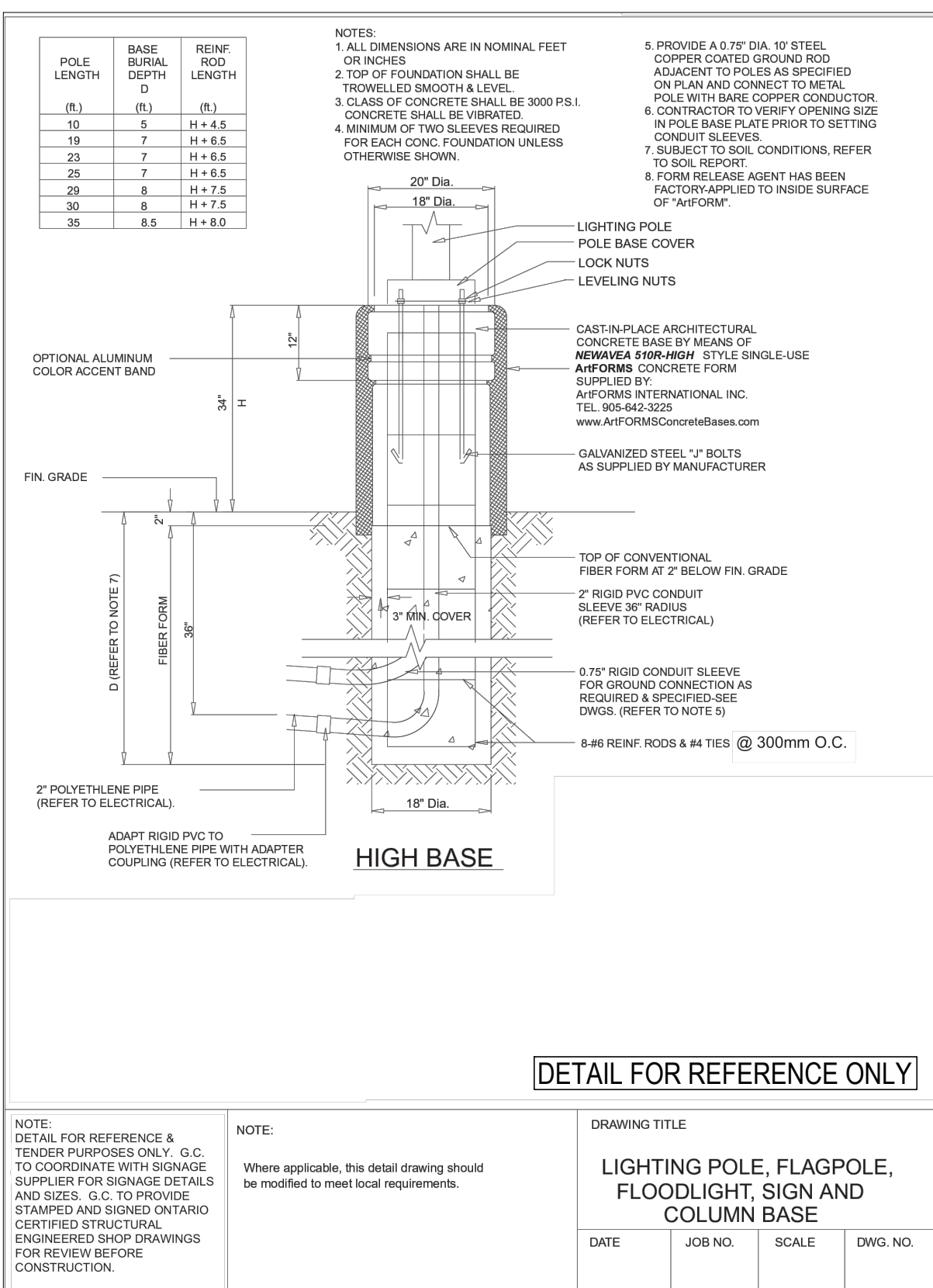


8 FIRE ROUTE & NO PARKING SIGNAGE
A1.02 SCALE: N.T.S.

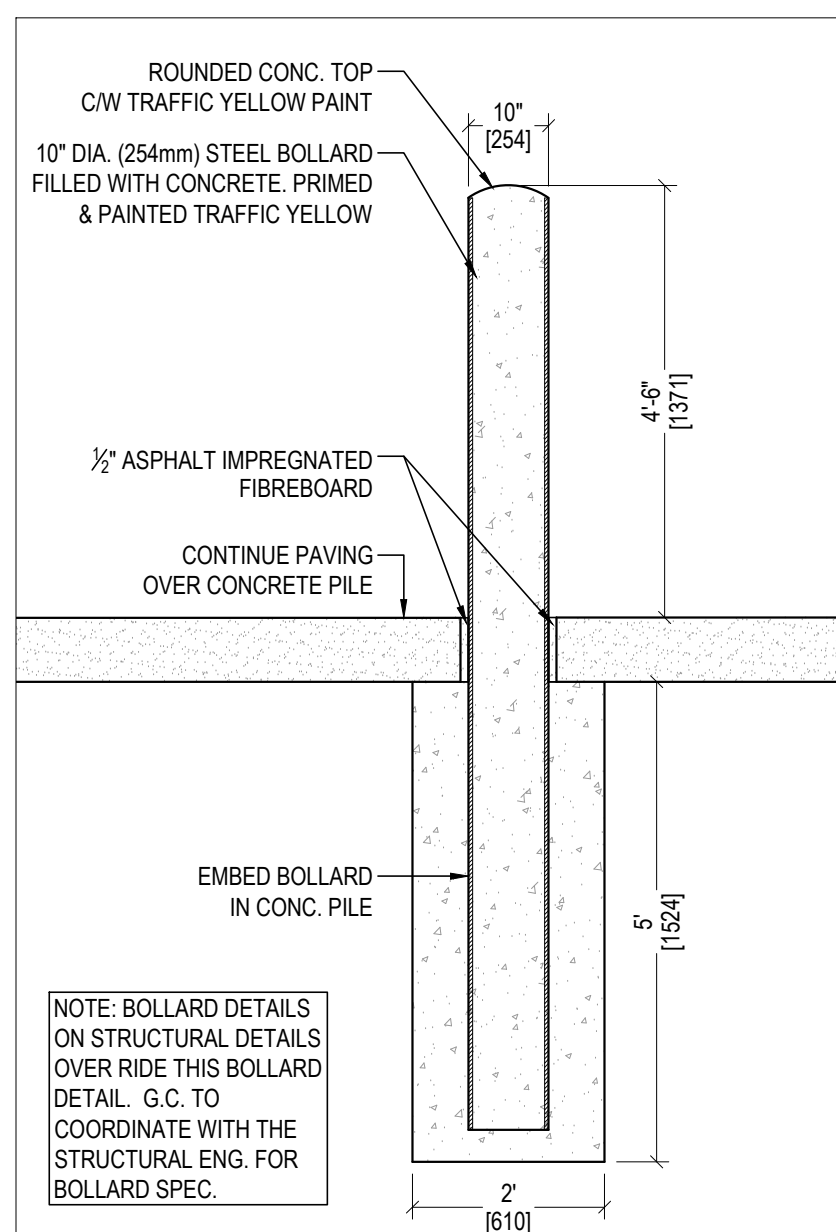


- NOTES:
- 1 When sidewalk is continuously adjacent, the dropped curb at entrances shall be reduced to 75mm.
 - 2 For slipforming procedure a 5% batter is acceptable.
 - A Treatment at entrances shall be according to OPSD 351.010.
 - B Outlet treatment shall be according to the OPSD 610 Series.
 - C The transition from one curb type to another shall be a minimum length of 3.0m, except in conjunction with guide rail where it shall be according to the OPSD 900 Series.
 - D All dimensions are in millimetres unless otherwise shown.

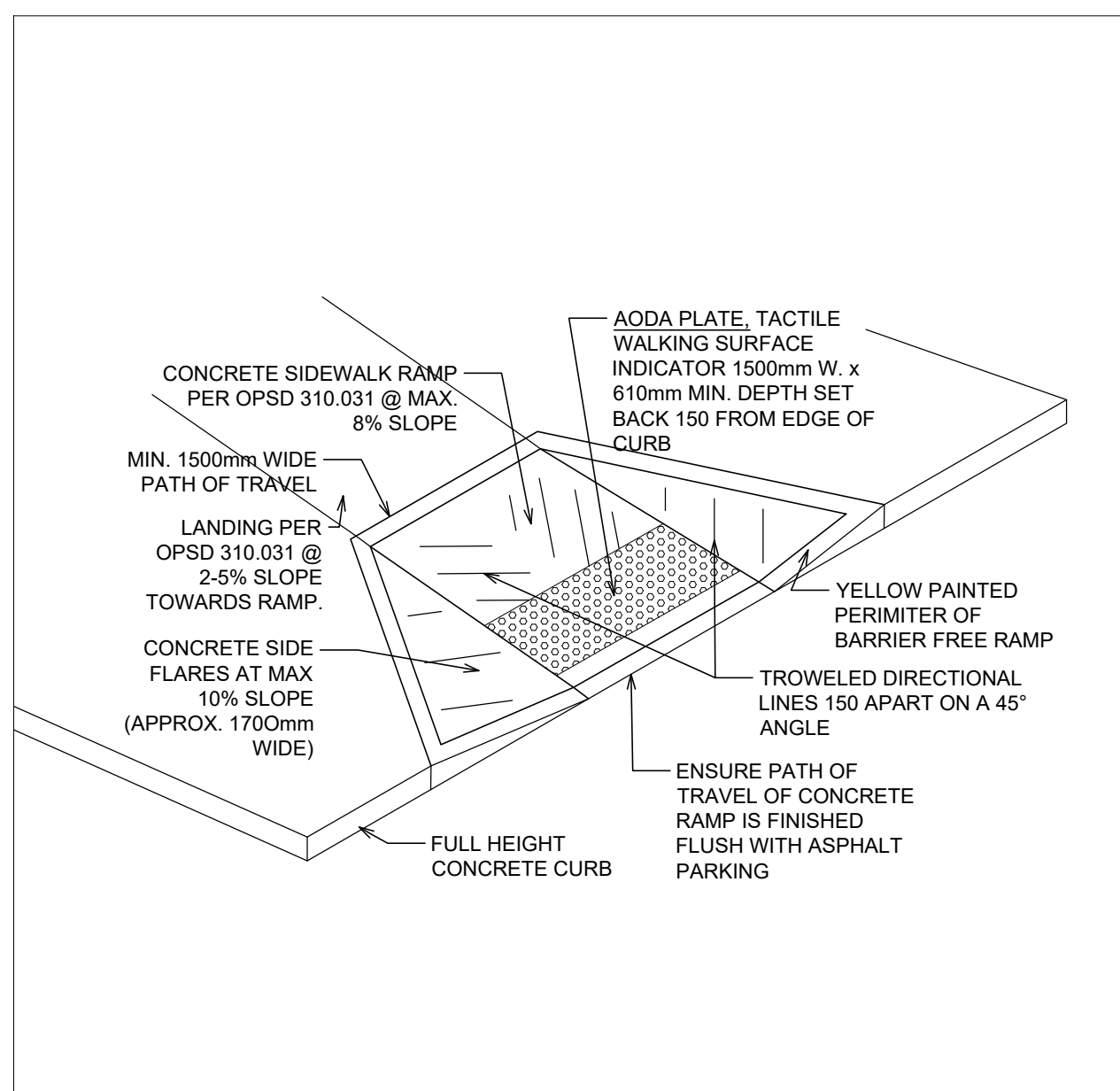
ONTARIO PROVINCIAL STANDARD DRAWING
Nov 2012 Rev 2
CONCRETE BARRIER CURB
OPSD 600.110



9 TYPICAL PLYON SIGNAGE BASE: FOR REF ONLY
A1.02 SCALE: N.T.S.



3 EXTERIOR BOLLARD DETAIL
A1.02 SCALE: N.T.S.



4 TYPICAL DEPRESSED CURB DETAIL
A1.02 SCALE: N.T.S.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 03 | ISSUE FOR RE-TENDER | 2024-03-11 |
| 02 | ISSUE FOR PERMIT | 2023-04-14 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTRÉAL, QUÉBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON K1S 3K9
t: 613 937 6801 f: 613 937 8289 e: info@ncarchitect.ca www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING

SITE DETAILS

SCALE: N.T.S.
DATE: JUN 2022
DRAWN BY: LE, SH.

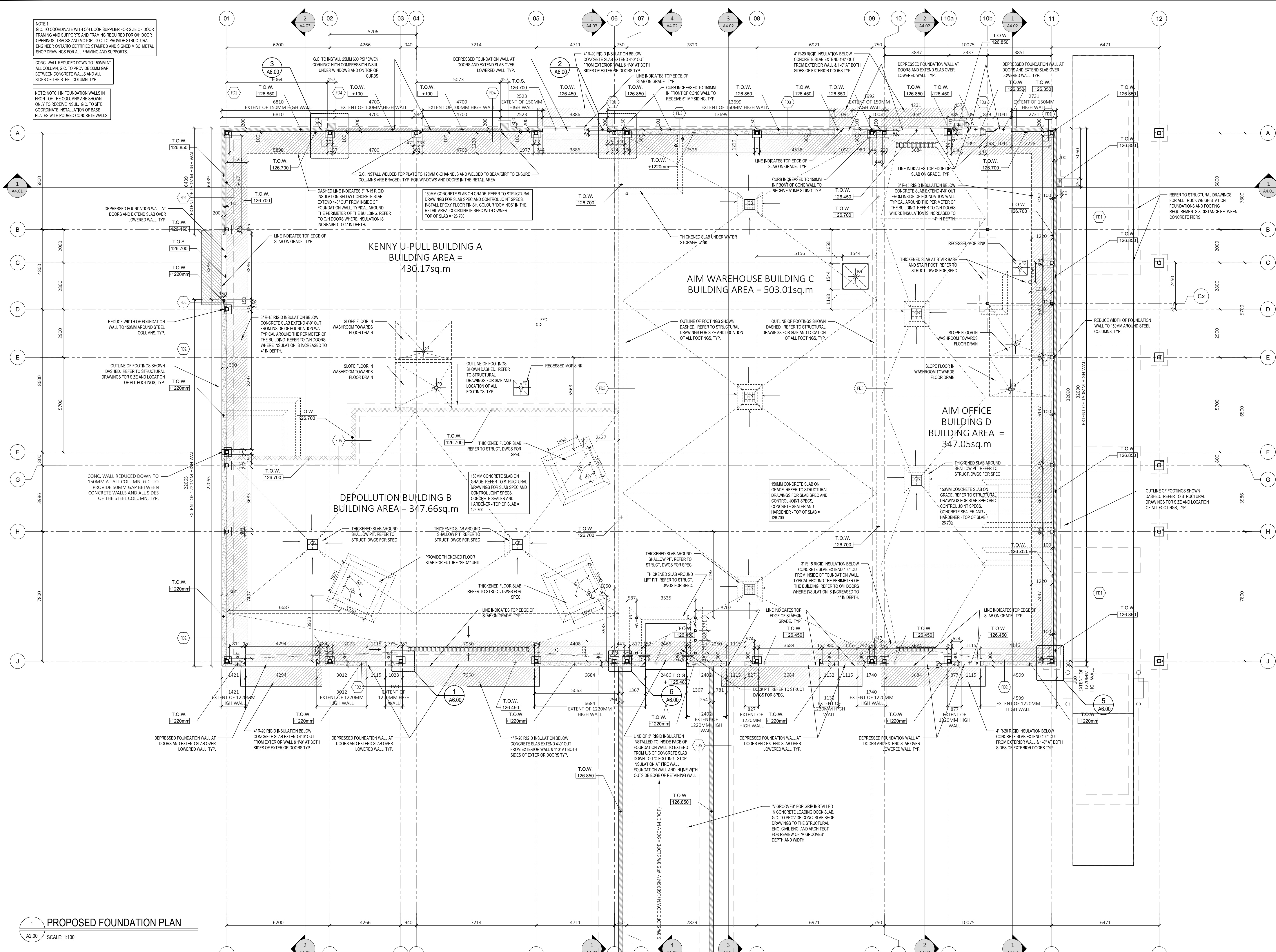
DRAWING #

A1.02

NOTE 1:
G.C. TO COORDINATE WITH OH DOOR SUPPLIER FOR SIZE OF DOOR FRAMING AND SUPPORTS AND FRAMING REQUIRED FOR OH DOOR OPENINGS, TRACKS AND MOTOR. G.C. TO PROVIDE STRUCTURAL ENGINEER ONTARIO CERTIFIED STAMPED AND SIGNED MISC. METAL SHOP DRAWINGS FOR ALL FRAMING AND SUPPORTS.

CONC. WALL REDUCED DOWN TO 150MM AT ALL COLUMN. G.C. TO PROVIDE 50MM GAP BETWEEN CONCRETE WALLS AND ALL SIDES OF THE STEEL COLUMN, TYP.

NOTE: NOTCH IN FOUNDATION WALL IN FRONT OF THE COLUMNS ARE SHOWN ONLY TO RECEIVE INSUL. G.C. TO SITE COORDINATE INSTALLATION OF BASE PLATES WITH POURED CONCRETE WALLS.



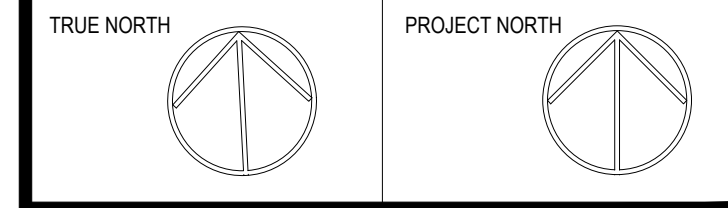
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 06 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 05 | ISSUED FOR PERMIT | 2023-04-14 |
| 04 | ISSUE FOR ADDENDUM#4 | 2023-03-30 |
| 03 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 02 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 01 | ISSUED FOR STEEL PRICING | 2022-12-02 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8899
e: info@ncarchitect.ca
www.ncarchitect.ca

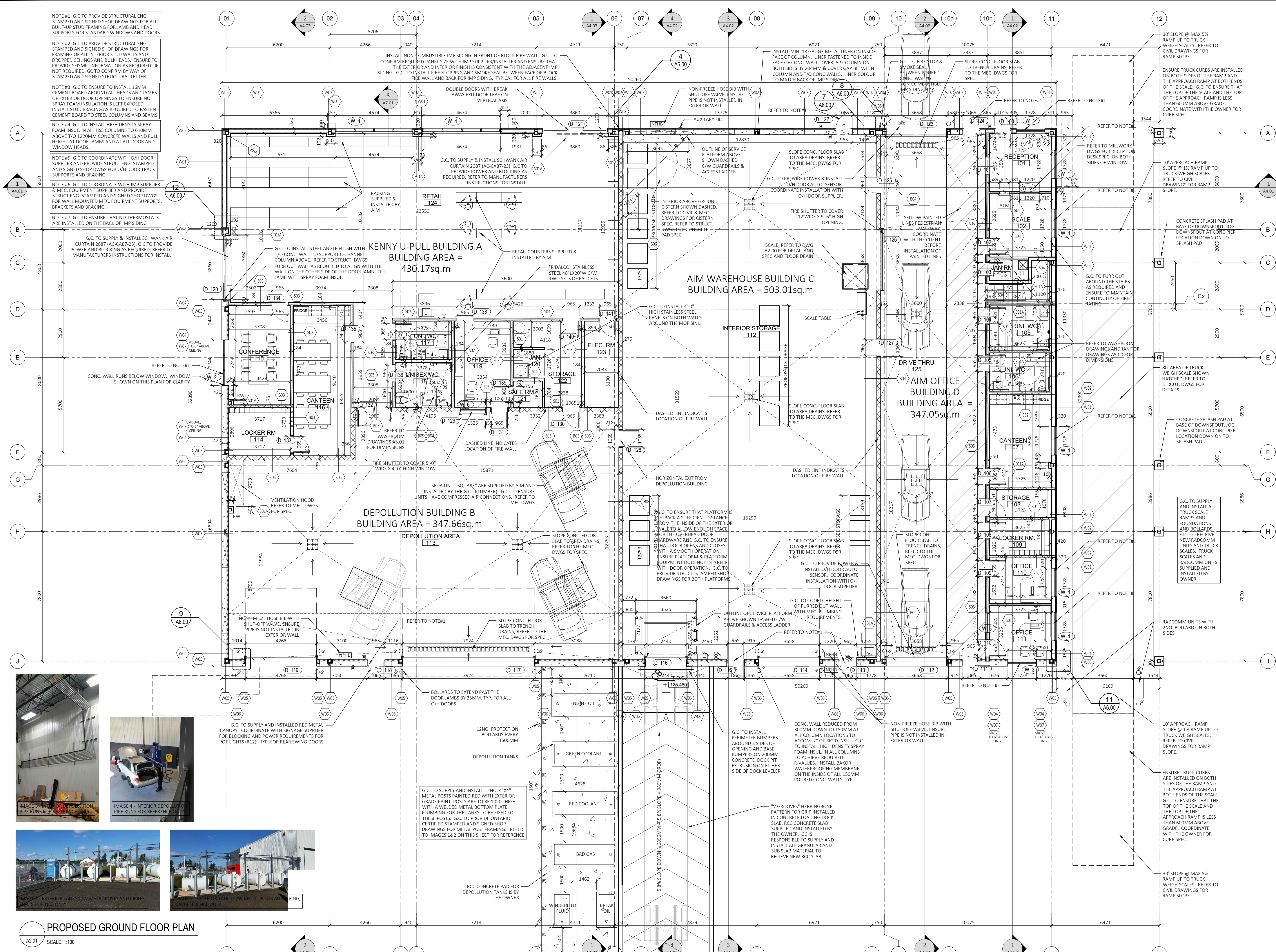
PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
FOUNDATION PLAN

SCALE: 1:100
DRAWING #
DATE: JUN 2022
DRAWN BY: LE, SH.
A2.00

1 PROPOSED FOUNDATION PLAN
A2.00 SCALE: 1:100



NOTE #1: G.C. TO PROVIDE STRUCTURAL ENG. STAMPED AND SIGNED SHOP DRAWINGS FOR ALL BUILT-UP STUD FRAMING FOR JAMB AND HEAD SUPPORTS FOR STANDARD WINDOWS AND DOORS.

NOTE #2: G.C. TO PROVIDE STRUCTURAL ENG. STAMPED AND SIGNED SHOP DRAWINGS FOR FRAMING OF ALL INTERIOR STUD WALLS AND DROPPED CEILINGS AND BULKHEADS. ENSURE TO PROVIDE SEISMIC INFORMATION AS REQUIRED. IF NOT REQUIRED, G.C. TO CONFIRM BY WAY OF STAMPED AND SIGNED STRUCTURAL LETTER.

NOTE #3: G.C. TO ENSURE TO INSTALL 16MM CEMENT BOARD AROUND ALL HEADS AND JAMBS OF EXTERIOR DOOR OPENINGS TO ENSURE NO SPRAY FOAM INSULATION IS LEFT EXPOSED. INSTALL STUD BRACING AS REQUIRED TO FASTEN CEMENT BOARD TO STEEL COLUMNS AND BEAMS.

NOTE #4: G.C. TO INSTALL HIGH DENSITY SPRAY FOAM INSUL. IN ALL HSS COLUMNS TO 610MM ABOVE TO 1200MM CONCRETE WALLS AND FULL HEIGHT AT DOOR JAMBS AND AT ALL DOOR AND WINDOW HEADS.

NOTE #5: G.C. TO COORDINATE WITH O/H DOOR SUPPLIER AND PROVIDE STRUCT. ENG. STAMPED AND SIGNED SHOP DWGS FOR O/H DOOR TRACK SUPPORTS AND BRACING.

NOTE #6: G.C. TO COORDINATE WITH IMP SUPPLIER & MEC. EQUIPMENT SUPPLIER AND PROVIDE STRUCT. ENG. STAMPED AND SIGNED SHOP DWGS FOR WALL MOUNTED MEC. EQUIPMENT SUPPORTS, BRACKETS AND BRACING.

NOTE #7: G.C. TO ENSURE THAT NO THERMOSTATS ARE INSTALLED ON THE BACK OF IMP SIDING.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| no | description | date |
|----|-----------------------------------|------------|
| 20 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 19 | ISSUED FOR PTA#1 | 2023-06-01 |
| 18 | ISSUED FOR PERMIT | 2023-04-10 |
| 17 | ISSUED FOR TENDER ADDENDUM #4 | 2023-03-30 |
| 16 | ISSUED FOR TENDER ADDENDUM #2 | 2023-03-16 |
| 15 | ISSUED FOR TENDER ADDENDUM #1 | 2023-03-01 |
| 14 | ISSUED FOR BUILDING REVIEW | 2023-02-13 |
| 13 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 12 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 11 | COORDINATION SET | 2022-11-17 |
| 10 | RESPONSE TO SET LIST AND COMMENTS | 2022-10-28 |
| 09 | ISSUED FOR COORDINATION | 2022-10-24 |
| 08 | ISSUED FOR COORDINATION | 2022-10-07 |
| 07 | ISSUED FOR CLIENT REVIEW | 2022-09-22 |
| 06 | ISSUED FOR CLIENT REVIEW | 2022-08-21 |
| 05 | ISSUED FOR SITE PLAN CONTROL | 2022-03-21 |

revisions

AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8899
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
GROUND FLOOR PLAN

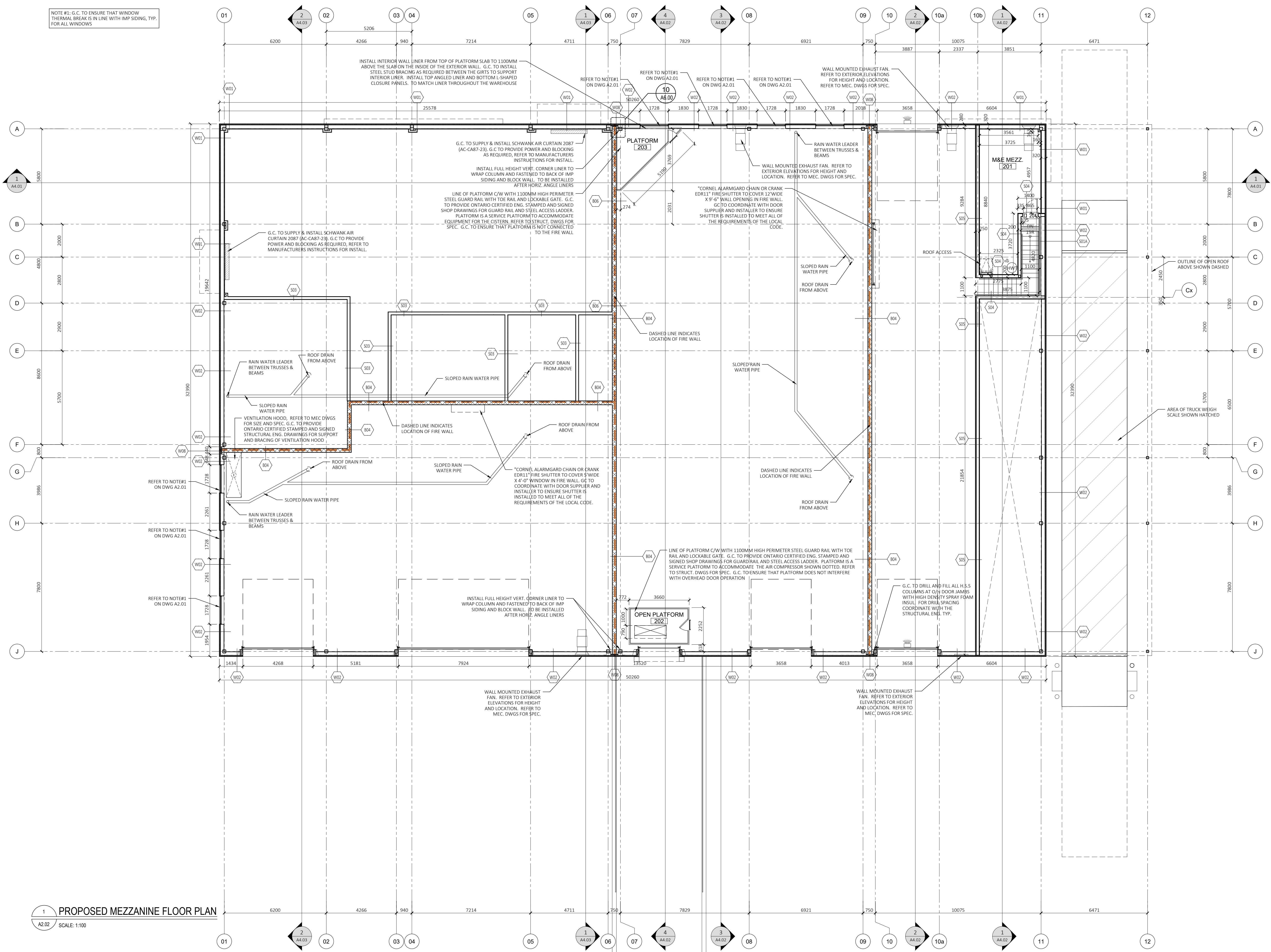
SCALE: 1:100 DRAWING # A2.01

DATE: JUN 2022

DRAWN BY: LE, SH.

1 PROPOSED GROUND FLOOR PLAN
A2.01 SCALE: 1:100

NOTE #1: G.C. TO ENSURE THAT WINDOW THERMAL BREAK IS IN LINE WITH IMP SIDING, TYP. FOR ALL WINDOWS



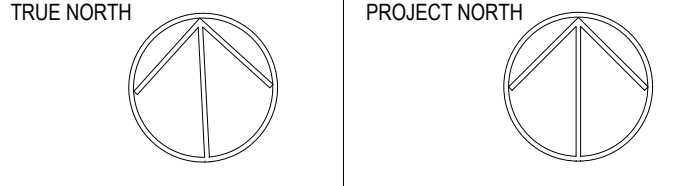
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|-----------------------------------|------------|
| 19 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 18 | ISSUED FOR PTA#2 | 2024-03-05 |
| 17 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 16 | ISSUED FOR PTA#1 | 2023-06-01 |
| 15 | ISSUED FOR PERMIT | 2023-04-14 |
| 14 | ISSUED FOR ADDENDUM #4 | 2023-03-30 |
| 13 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 12 | ISSUED FOR BUILDING TENDER | 2023-02-13 |
| 11 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 10 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 09 | COORDINATION SET | 2022-11-17 |
| 08 | RESPONSE TO SPEC 1ST RND COMMENTS | 2022-10-26 |
| 07 | ISSUED FOR COORDINATION | 2022-10-14 |
| 06 | ISSUED FOR COORDINATION | 2022-10-07 |
| 05 | ISSUED FOR CLIENT REVIEW | 2022-09-22 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
 AIM / KENNY U-PULL**
 1533 McADOO'S LANE
 KINGSTON

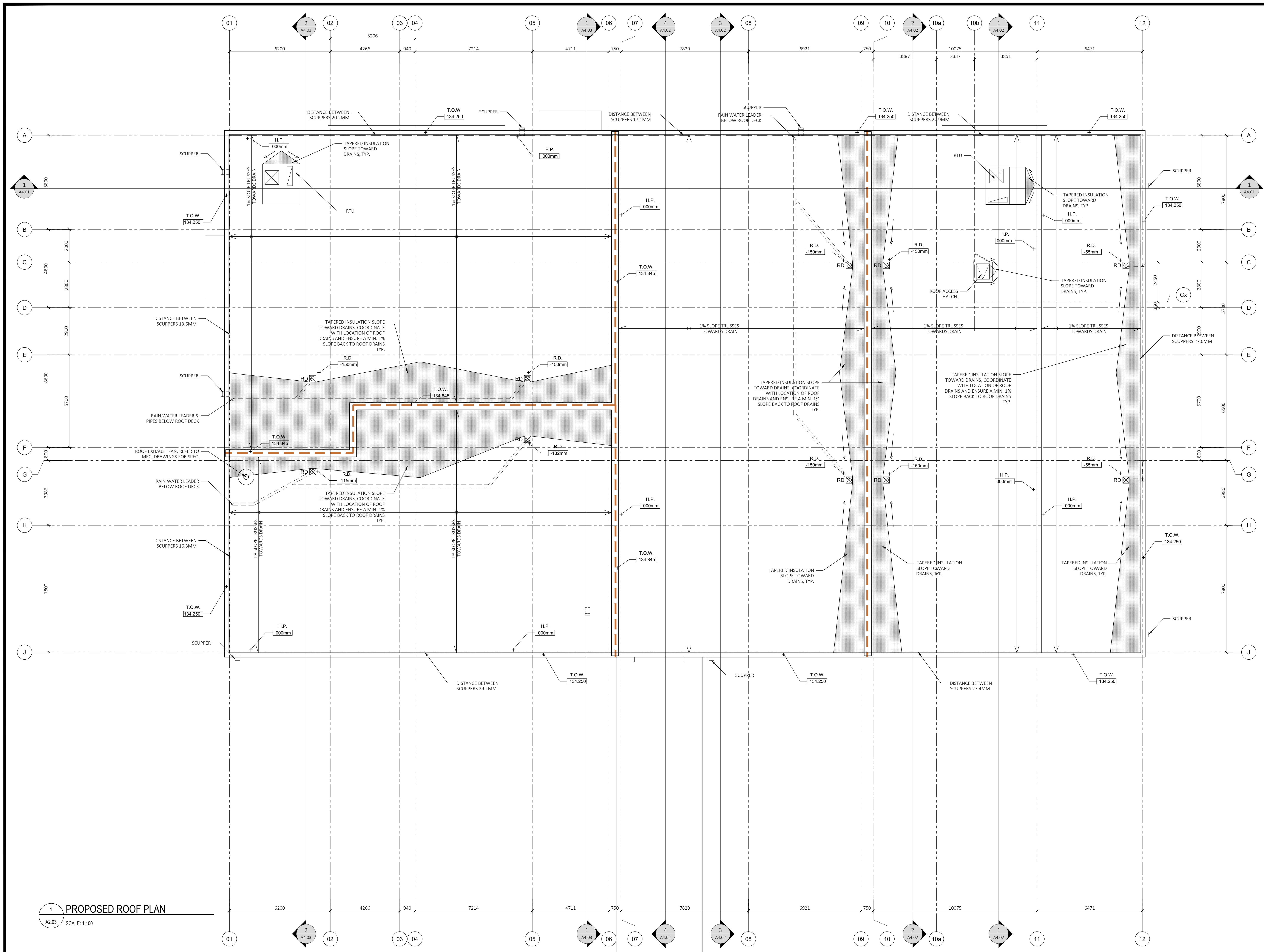
OFFICE FILE NUMBER 20014

TITLE OF DRAWING
MEZZANINE FLOOR PLAN

SCALE:
 1:100
 DATE:
 JUN 2022
 DRAWN BY:
 LE, SH

DRAWING #
A2.02

1 PROPOSED MEZZANINE FLOOR PLAN
 SCALE: 1:100



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

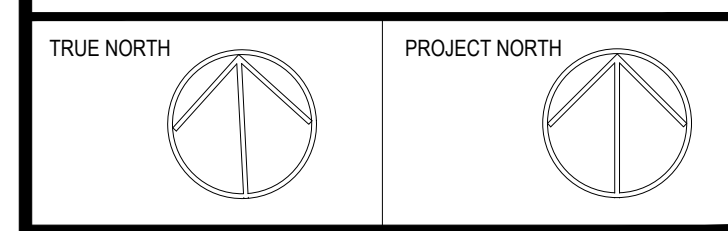
| ref | description | date |
|-----|---------------------------|------------|
| 13 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 12 | ISSUE FOR PERMIT | 2023-04-14 |
| 11 | ISSUE FOR ADDENDUM# | 2023-03-30 |
| 10 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 09 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 08 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 07 | COORDINATION SET | 2022-11-17 |
| 06 | ISSUED FOR COORDINATION | 2022-10-24 |
| 05 | ISSUED FOR COORDINATION | 2022-10-07 |

revisions

| ref | description | date |
|-----|---------------------------|------------|
| 13 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 12 | ISSUE FOR PERMIT | 2023-04-14 |
| 11 | ISSUE FOR ADDENDUM# | 2023-03-30 |
| 10 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 09 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 08 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 07 | COORDINATION SET | 2022-11-17 |
| 06 | ISSUED FOR COORDINATION | 2022-10-24 |
| 05 | ISSUED FOR COORDINATION | 2022-10-07 |



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

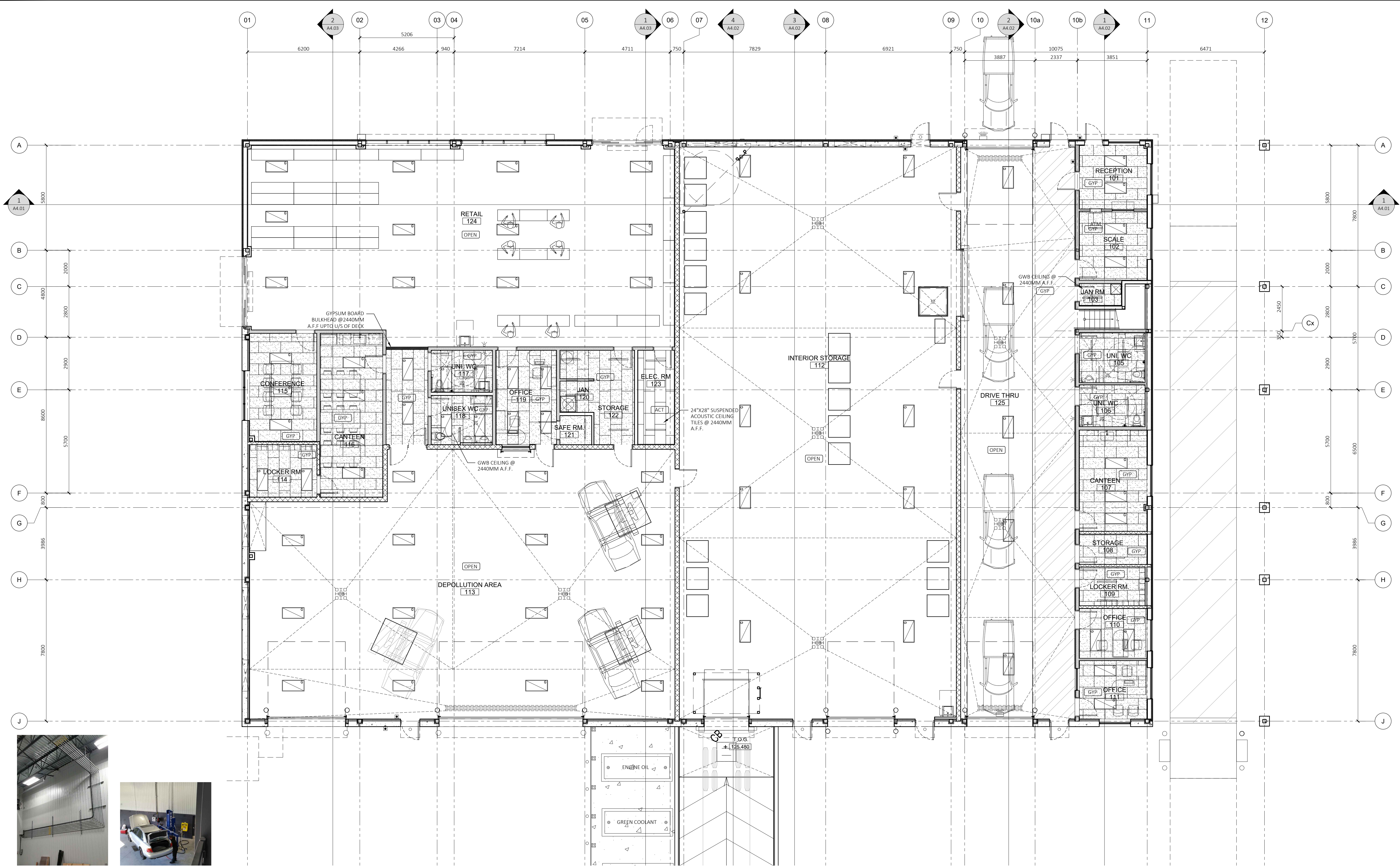
OFFICE FILE NUMBER
 20014

TITLE OF DRAWING
ROOF PLAN

SCALE:
 1:100
 DATE:
 JUN 2022
 DRAWN BY:
 LE, SH.

DRAWING #
A2.03

1 PROPOSED ROOF PLAN
 SCALE: 1:100



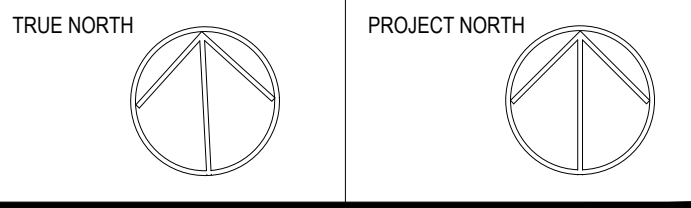
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 12 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 11 | ISSUED FOR PERMIT | 2023-04-14 |
| 10 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 09 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 08 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 07 | COORDINATION SET | 2022-11-17 |
| 06 | ISSUED FOR COORDINATION | 2022-10-24 |
| 05 | ISSUED FOR COORDINATION | 2022-10-07 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
GROUND FLOOR REFLECTED CEILING PLAN

SCALE: 1:100
 DATE: JUN 2022
 DRAWN BY: LE, SH.
 DRAWING # **A2.04**

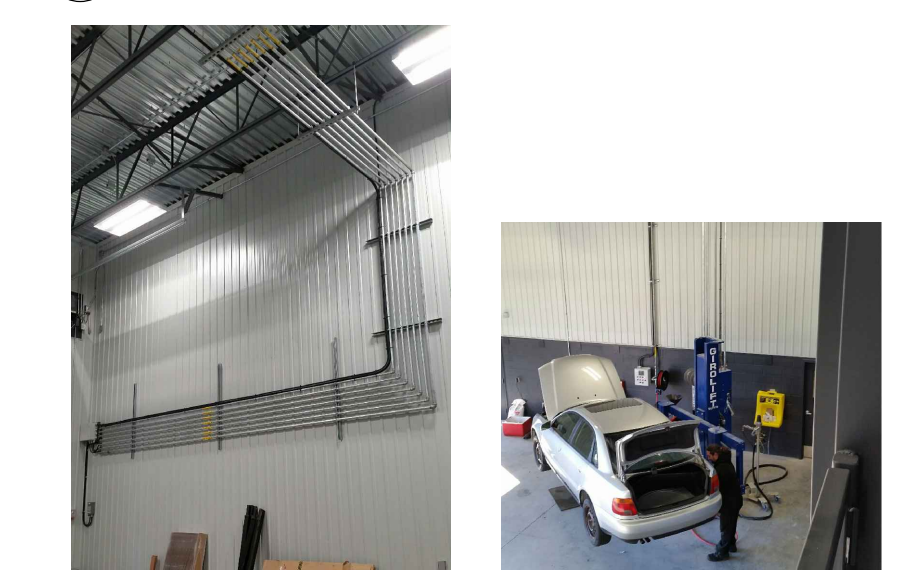
G.C. TO REFER TO ELECTRICAL DRAWING FOR POWER & JUNCTION BOXES REQUIRED FOR EXTERIOR SIGNAGE. SIGNAGE TO BE COVERED UNDER A SEPARATE SIGNAGE PERMIT BY SIGNAGE SUPPLIER

G.C. TO REFER TO ELECTRICAL DRAWINGS FOR ALL LIGHTING FIXTURE LOCATIONS AND SPECIFICATIONS

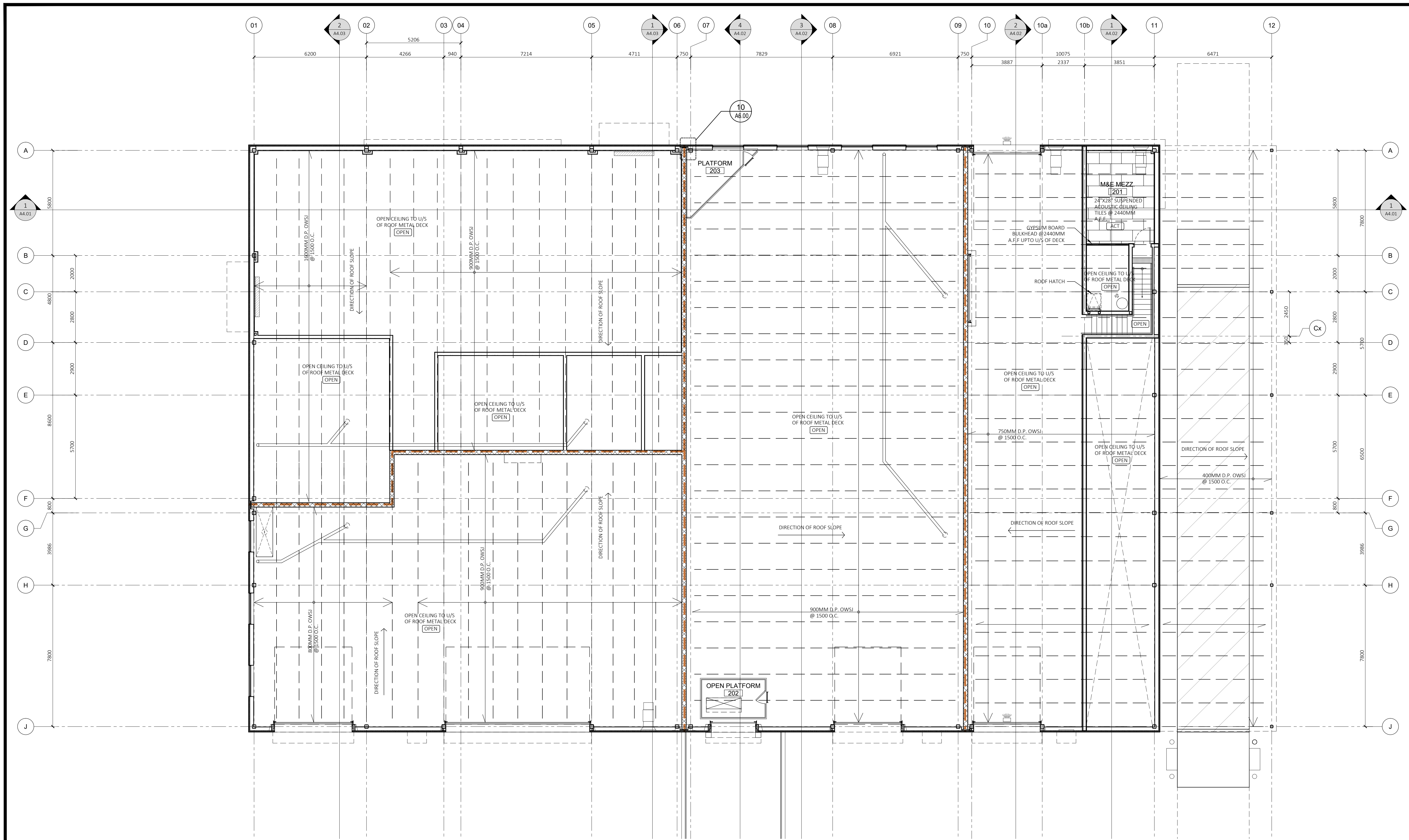
G.C. TO HIRE THE SERVICES OF A STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD AND CEILING ELEMENTS AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION

| REFLECTED CEILING PLAN - CEILING TYPE LEGEND | |
|----------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYMBOL | CEILING TYPE |
| | *ARMSTRONG® 2'x4' DRYWALL SUSPENDED GRID SYSTEM NOTE 2'x4' DRYWALL PANELS ON T-BAR GRID. G.C. TO ENSURE DRYWALL PANELS ARE EASILY REMOVED - (REFER TO ULC NOTE FOR FIRE RATED GYPSUM BOARD) CEILING C/W WHITE PAINT FINISH. CEILING HEIGHT 2440MM A.F.F. |
| | OPEN TO STRUCTURE ABOVE - ROOF DECK UNDERSIDE ZINC COATED AND ALL VISIBLE STRUCTURAL MEMBERS TO BE FACTORY PAINTED GRAY DUCTWORK AND PIPE RUNS UN-PAINTED |
| | 24"X48" SUSPENDED ACOUSTIC CEILING TILES - MODEL - CORTEGA SECOND LOOK II - ARMSTRONG #2767 - COLOR : WHITE/ WITH PRELUDE XL 15/16" SUSPENSION. CEILING HEIGHT 2440MM A.F.F. |

MECHANICAL, ELECTRICAL AND STRUCTURAL NOTE:
 G.C. TO ENSURE LIGHTS DON'T INTERFERE WITH ANY MECHANICAL ITEMS. G.C. TO COORDINATE ON SITE AND RELOCATE LIGHTS AS REQUIRED. REFER TO MEC. AND ELEC. DWGS FOR SPEC AND LOCATIONS
 G.C. TO PROVIDE HANGERS AND HAT CHANNEL CROSS BAR UNDER DUCTS AND HANG THE LIGHTS WHERE REQUIRED IN OPEN MECHANICAL AREA. G.C. TO REPORT BACK TO ARCHITECT WITH ANY DISCREPANCIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
 G.C. TO COORDINATE LOCATION OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT AND ROOF PENETRATIONS AT JOIST AND TRUSS LOCATIONS AND TO ENSURE THERE IS NO INTERFERENCES BETWEEN EQUIPMENT, FLOOR AND ROOF PENETRATIONS.
 G.C. TO PROVIDE ONTARIO CERTIFIED STRUCTURAL ENG. STAMPED AND SIGNED SHOP DRAWINGS FOR ALL BULKHEAD FRAMING FOR ALL CEILINGS AND SUPPORTS OF ANY WINDOW AND DOOR OPENINGS.
 G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD AND CEILING ELEMENTS AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION



1 GROUND FLOOR REFLECTED CEILING PLAN
 A2.04 SCALE: 1:100



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

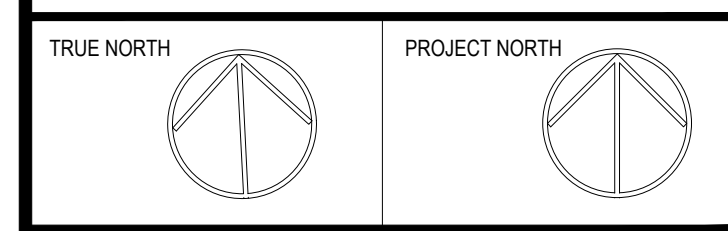
| ref | description | date |
|-----|----------------------------------|------------|
| 13 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 12 | ISSUED FOR PTA#2 | 2024-03-05 |
| 11 | ISSUED FOR PERMIT RFP#1 RESPONSE | 2024-02-23 |
| 10 | ISSUED FOR PERMIT | 2023-04-14 |
| 09 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 08 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 07 | COORDINATION SET | 2022-11-17 |
| 06 | ISSUED FOR COORDINATION | 2022-10-24 |
| 05 | ISSUED FOR COORDINATION | 2022-10-07 |

revisions

| ref | description | date |
|-----|-------------|------|
| Cx | | |



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING
MEZZANINE FLOOR REFLECTED CEILING PLAN

SCALE: 1:100
 DATE: JUN 2022
 DRAWN BY: LE, SH.

DRAWING #
A2.05

1 MEZZANINE FLOOR REFLECTED CEILING PLAN
 A2.05 SCALE: 1:100

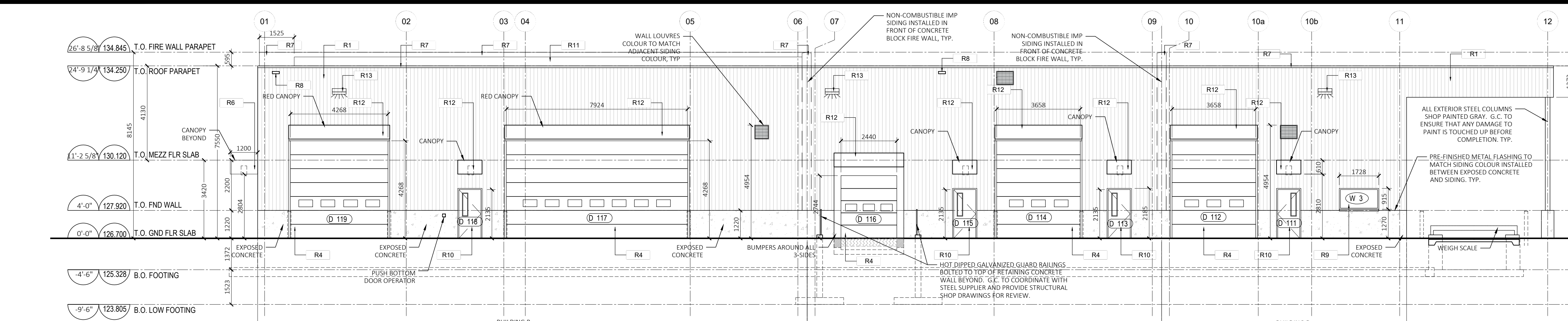
G.C. TO REFER TO ELECTRICAL DRAWING FOR POWER & JUNCTION BOXES REQUIRED FOR EXTERIOR SIGNAGE. SIGNAGE TO BE COVERED UNDER A SEPARATE SIGNAGE PERMIT BY SIGNAGE SUPPLIER

G.C. TO REFER TO ELECTRICAL DRAWINGS FOR ALL LIGHTING FIXTURE LOCATIONS AND SPECIFICATIONS

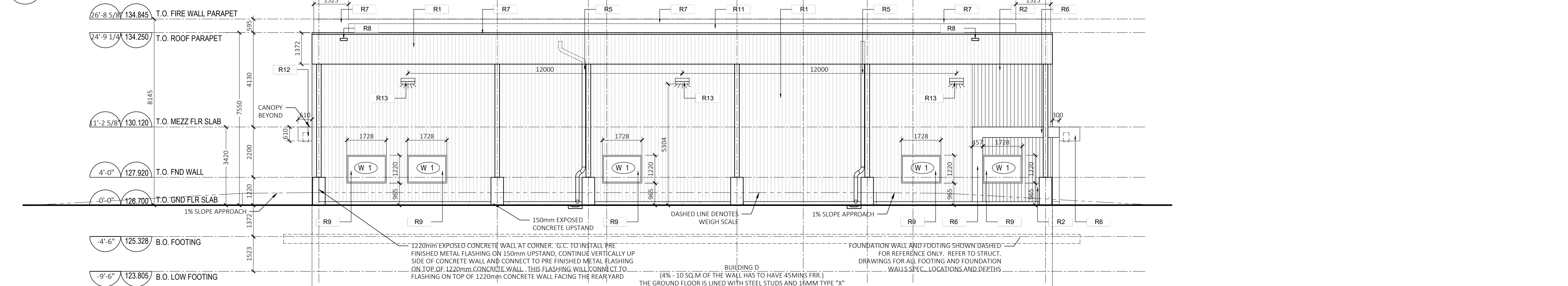
G.C. TO HIRE THE SERVICES OF A STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD AND CEILING ELEMENTS AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION

| REFLECTED CEILING PLAN - CEILING TYPE LEGEND | |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| SYMBOL | CEILING TYPE |
| | *ARMSTRONG® 2'x4' DRYWALL SUSPENDED GRID SYSTEM. NOTE 2'x4' DRYWALL PANELS ON T-BAR GRID. G.C. TO ENSURE DRYWALL PANELS ARE EASILY REMOVED - 5/8" GYPSUM BOARD (REFER TO ULC NOTE FOR FIRE RATED GYPSUM BOARD) CEILING G/W WHITE PAINT FINISH. |
| | OPEN TO STRUCTURE ABOVE - ROOF DECK UNDERSIDE ZINC COATED AND ALL VISIBLE STRUCTURAL MEMBERS TO BE FACTORY PAINTED GRAY DUCTWORK AND PIPE RUNS UN-PAINTED |
| | 24"x48" SUSPENDED ACOUSTIC CEILING TILES - MODEL - CORTEGA SECOND LOOK II - ARMSTRONG #2767 - COLOR : WHITE/ WITH PRELUDE XL 15/16" SUSPENSION |

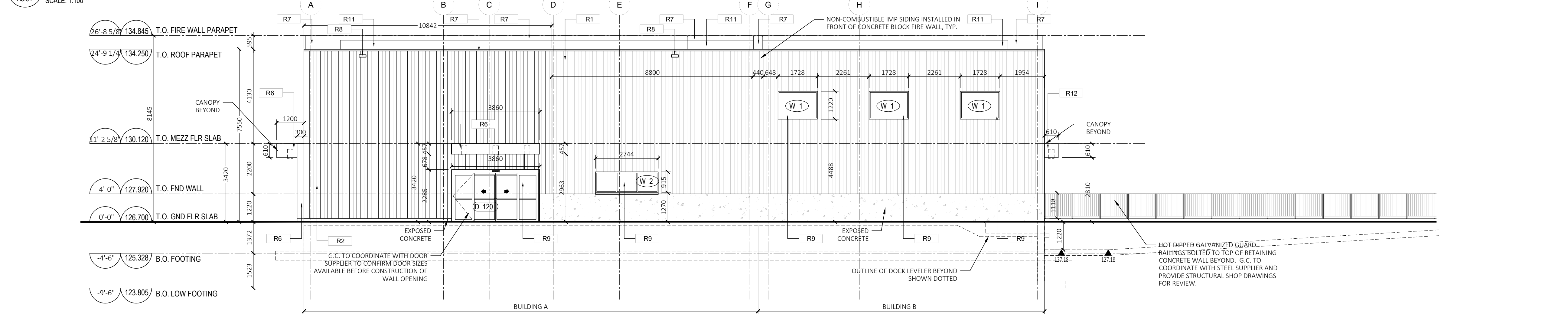
MECHANICAL, ELECTRICAL AND STRUCTURAL NOTE:
 G.C. TO ENSURE LIGHTS DON'T INTERFERE WITH ANY MECHANICAL ITEMS. G.C. TO COORDINATE ON SITE AND RELOCATE LIGHTS AS REQUIRED. REFER TO MEC. AND ELEC. DWGS FOR SPEC AND LOCATIONS
 G.C. TO PROVIDE HANGERS AND HAT CHANNEL CROSS BAR UNDER DUCTS AND HANG THE LIGHTS WHERE REQUIRED IN OPEN CEILING AREA. G.C. TO REPORT BACK TO ARCHITECT WITH ANY DISCREPANCIES. REFER TO MECHANICAL AND ELECTRICAL DRAWINGS.
 G.C. TO COORDINATE LOCATION OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT AND ROOF PENETRATIONS AT JOIST AND TRUSS LOCATIONS AND TO ENSURE THERE IS NO INTERFERENCES BETWEEN EQUIPMENT, FLOOR AND ROOF PENETRATIONS.
 G.C. TO PROVIDE ONTARIO CERTIFIED STRUCTURAL ENG. STAMPED AND SIGNED SHOP DRAWINGS FOR ALL BULKHEAD FRAMING FOR ALL CEILINGS AND SUPPORTS OF ANY WINDOW AND DOOR OPENINGS.
 G.C. TO HIRE THE SERVICES OF A LOCAL STRUCTURAL ENGINEER TO INSPECT ALL SUSPENSION SYSTEMS SUCH AS BULKHEAD AND CEILING ELEMENTS AND PROVIDE A SIGN-OFF LETTER STATING CONFORMITY TO STRUCTURAL SEISMIC REQUIREMENTS OF THE BUILDING CODE HAVING JURISDICTION



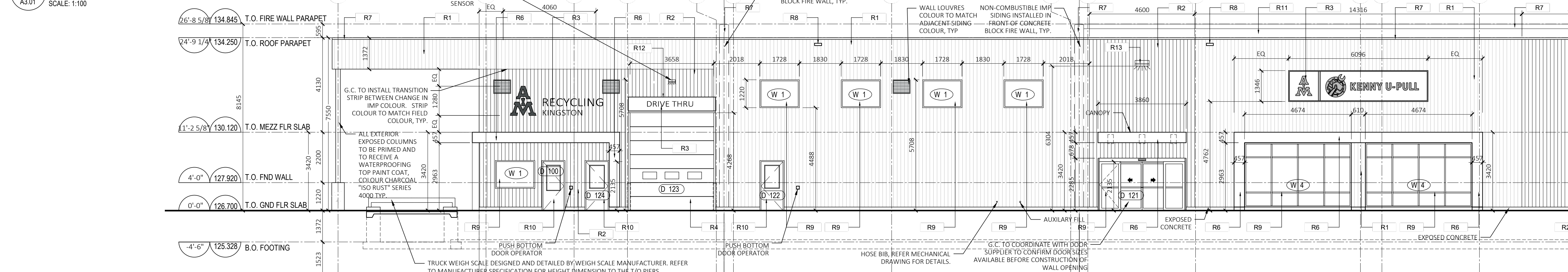
4 SOUTH ELEVATION
A3.01 SCALE: 1:100



3 EAST ELEVATION
A3.01 SCALE: 1:100



2 WEST ELEVATION
A3.01 SCALE: 1:100



1 NORTH ELEVATION
A3.01 SCALE: 1:100

LEGEND
(PRODUCTS REFERENCES: VICESIT, AND PREVIOUS OR APPROVED EQUIVEMENT)

| | |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| R1 | IMP SIDING - LIGHT GRAY PRE-MANUFACTURED INSULATED METAL PANEL SYSTEM, MICORIB VERT. ORIENTATION, COLOUR: REGENT GRAY |
| R2 | IMP SIDING - DARK GRAY PRE-MANUFACTURED INSULATED METAL PANEL SYSTEM, MICORIB VERT. ORIENTATION, COLOUR: CHARCOAL |
| R3 | PROPOSED SIGNAGE SUPPLIED AND INSTALLED BY SIGNAGE CONTRACTOR. G.C. TO PROVIDE POWER AND BLOCKING AS REQUIRED. OWNER TO SUPPLY & COORDINATE WITH SIGNAGE SUPPLIER |
| R4 | OVERHEAD DOORS INSULATED SECTIONAL DOORS. COLOUR - CHARCOAL |
| R5 | DOWNSPOUTS ALUMINUM DOWNSPOUTS. COLOUR CHARCOAL TO MATCH DOORS. |
| R6 | FOLDED ENAMELLED (ACM) STEEL SHEET BANDS (22 GA) ALUM. BAND PROFILE. BY G.C. TO PROVIDE STAMPED AND SIGNED SHOP DRAWINGS FOR RED CANOPIES AND PROFILES DURANAR XL, RED COLOUR AS PANTOME 185C G.C. TO PROVIDE BLOCKING AND POWER FOR DOWN LIGHTS. G.C. TO ENSURE THAT THE WIDTH OF THE BAND IS THE DOOR PLUS THE FRAME. |
| R7 | STEEL FLASHING CAP CHARCOAL TO MATCH ADJACENT SIDING |
| R8 | SCUPPER COLOR TO MATCH ADJACENT THE OUTSIDE WALL CLADDING |
| R9 | EXTERIOR DOUBLE GLAZED WINDOWS & DOORS CLEAR ANODIZED THERMALLY BROKEN DOUBLE GLAZED WINDOWS & DOORS |
| R10 | EXTERIOR INSULATED DOORS HOLLOW METAL GALVANIZED INSULATED EXTERIOR DOORS. COLOUR CHARCOAL |
| R11 | ROOFING MEMBRANE HOLLOW METAL GALVANIZED INSULATED EXTERIOR DOORS. COLOUR CHARCOAL |
| R12 | FOLDED ENAMELLED STEEL SHEET CANOPIES (22 GA) ALUM. BAND PROFILE. BY G.C. TO COORDINATE WITH SIGNAGE SUPPLIER. SIGNAGE SUPPLIER TO SUPPLY AND INSTALL AND TO PROVIDE STAMPED AND SIGNED SHOP DRAWINGS FOR RED CANOPIES AND PROFILES DURANAR XL, RED COLOUR AS PANTOME 185C G.C. TO PROVIDE BLOCKING AND POWER FOR DOWN LIGHTS. G.C. TO ENSURE THAT THE WIDTH OF THE CANOPY IS THE DOOR PLUS THE FRAME. |
| R13 | EXTERIOR FLOOD LIGHTING WALL MOUNTED EXTERIOR FLOOD LIGHTING. REFER TO ELEC. DWGS FOR LIGHT SPEC. G.C. TO PROVIDE POWER AND BLOCKING AS REQUIRED TO ALL EXTERIOR WALL MOUNTED AND CANOPY LIGHTS |

NOTE: GC TO PROVIDE SIGNED & STAMPED SHOP DRAWINGS BY A P. ENG FOR BRACING OF MECHANICAL UNITS & EQUIPMENT.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| | | |
|----|----------------------------------|------------|
| 18 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 17 | ISSUED FOR PTA#1 | 2023-06-01 |
| 16 | ISSUED FOR PERMIT | 2023-04-14 |
| 15 | ISSUED FOR ADDENDUM #1 | 2023-03-30 |
| 14 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 13 | ISSUED FOR BUILDING TENDER | 2023-02-13 |
| 12 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 11 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 10 | COORDINATION SET | 2022-11-17 |
| 09 | RESPONSE TO SPC 1ST RND COMMENTS | 2022-10-26 |
| 08 | ISSUED FOR COORDINATION | 2022-10-24 |
| 07 | ISSUED FOR COORDINATION | 2022-10-07 |
| 06 | ISSUED FOR CLIENT REVIEW | 2022-04-21 |
| 05 | ISSUED FOR SITE PLAN CONTROL | 2022-03-21 |

ref description date

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTRÉAL, QUÉBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
**PROPOSED
EXTERIOR ELEVATIONS**

SCALE: 1:100
DATE: JUN 2022
DRAWN BY: LE, SH
DRAWING # **A3.01**

4 BUILDING SECTION - RESERVED

A4.01 SCALE: 1:100

3 BUILDING SECTION - RESERVED

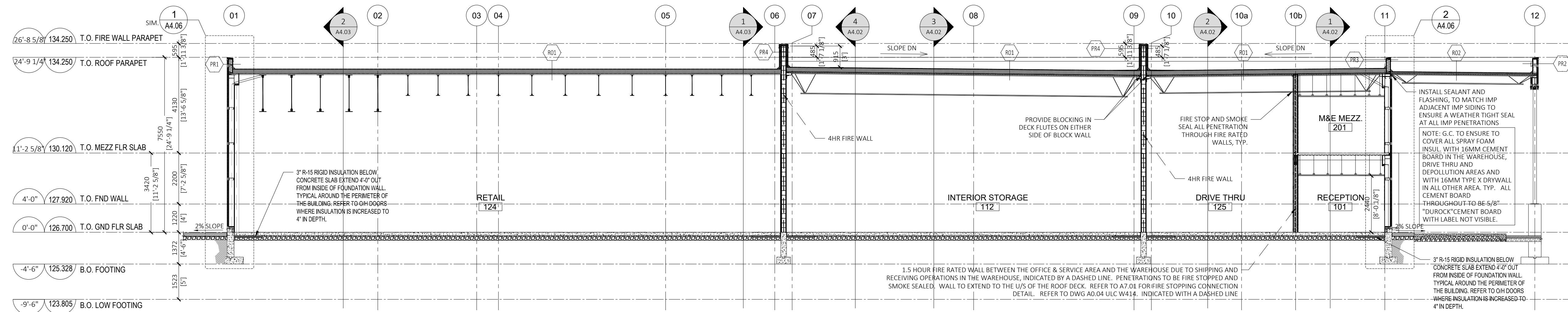
A4.01 SCALE: 1:100

2 BUILDING SECTION - RESERVED

A4.01 SCALE: 1:100

1 BUILDING SECTION

A4.01 SCALE: 1:100



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|------------------------------------|------------|
| 07 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 06 | ISSUED FOR PERMIT | 2023-04-14 |
| 05 | ISSUE FOR ADDENDUM #4 | 2023-03-30 |
| 04 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 03 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 02 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 01 | ISSUED FOR CONSULTANT COORDINATION | 2022-11-25 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON, K1S 3K9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING

PROPOSED BUILDING SECTIONS

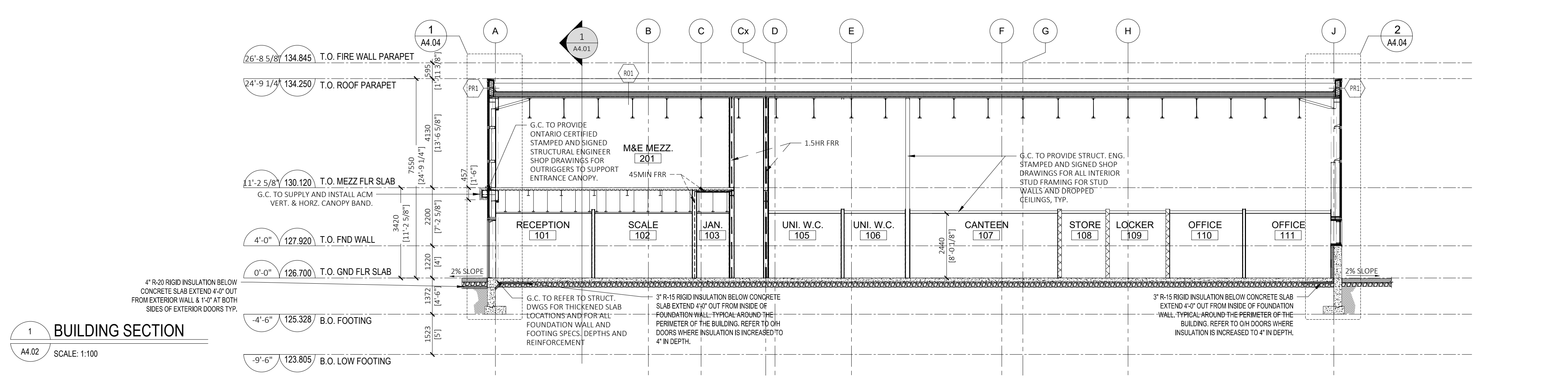
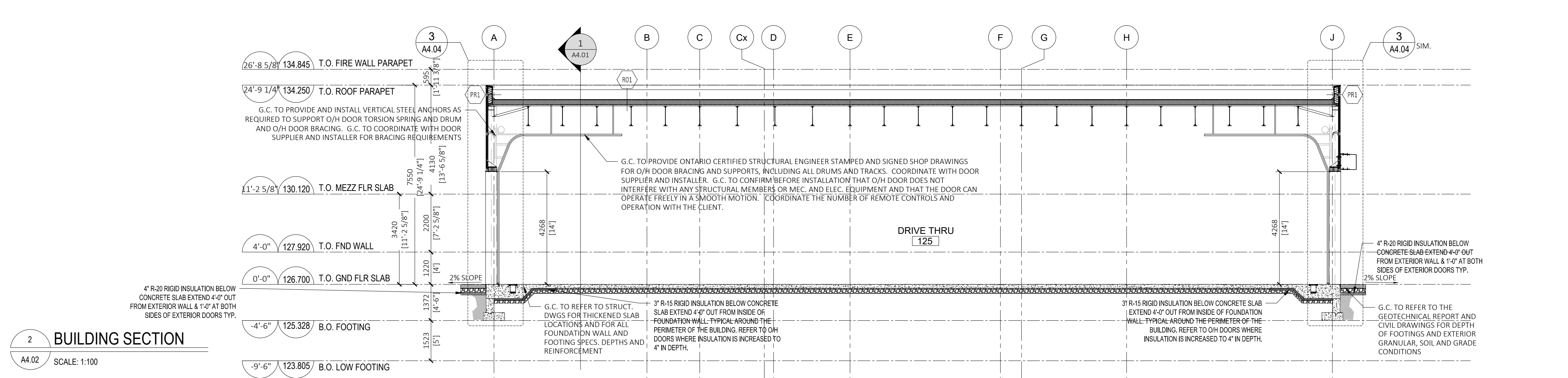
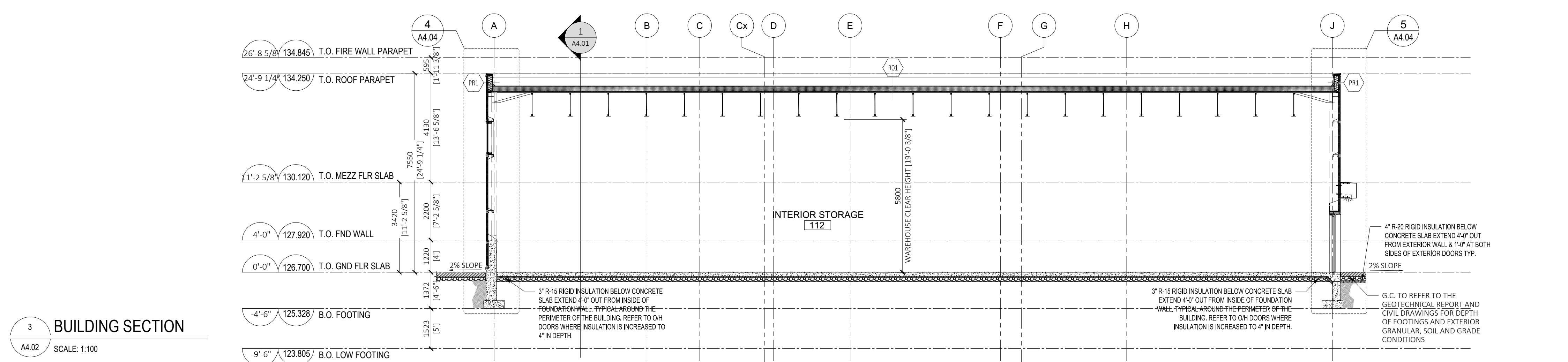
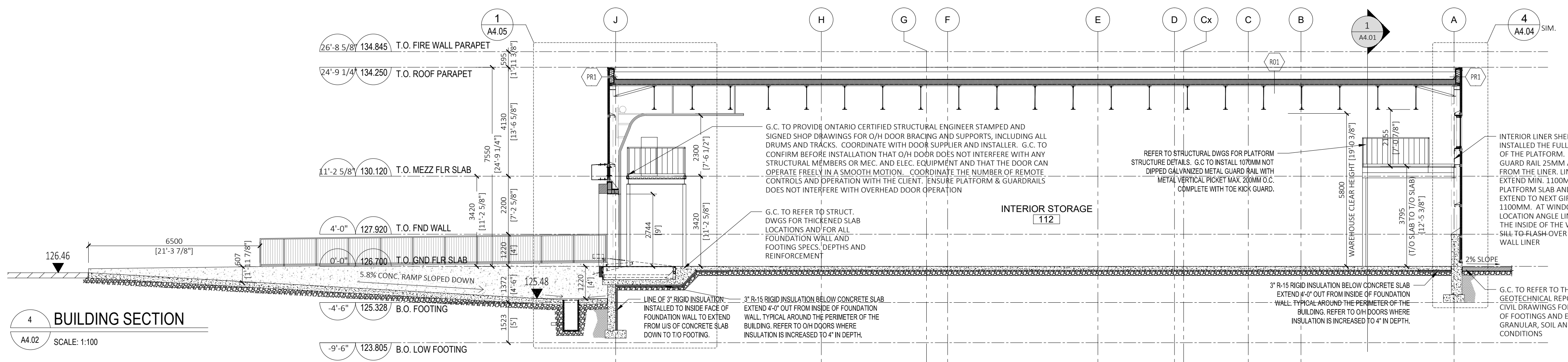
SCALE: 1:100

DATE: JUN 2022

DRAWN BY: LE, SH.

DRAWING #

A4.01



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|------------------------------------|------------|
| 07 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 06 | ISSUED FOR PTA#1 | 2023-06-01 |
| 05 | ISSUED FOR PERMIT | 2023-04-14 |
| 04 | ISSUE FOR ADDENDUM #4 | 2023-03-30 |
| 03 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 02 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 01 | ISSUED FOR CONSULTANT COORDINATION | 2022-11-25 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTREAL, QUEBEC H1E 2G4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT:
nicholas caragianis architect inc.
 137 Pamela Street, Ottawa, ON, K1S 3Y9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION:
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER: 20014

TITLE OF DRAWING:
PROPOSED BUILDING SECTIONS

SCALE: 1:100
 DATE: JUN 2022
 DRAWN BY: LE, SH.
 DRAWING #: **A4.02**

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|------------------------------------|------------|
| 06 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 05 | ISSUED FOR PERMIT | 2023-04-14 |
| 04 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 03 | ISSUED FOR CLIENT REVIEW | 2022-12-19 |
| 02 | ISSUED FOR STEEL PRICING | 2022-12-02 |
| 01 | ISSUED FOR CONSULTANT COORDINATION | 2022-11-25 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street, Ottawa, ON, K1S 3Y9
 t: 613 937 6801
 f: 613 937 8989
 e: info@ncarchitect.ca
 www.ncarchitect.ca

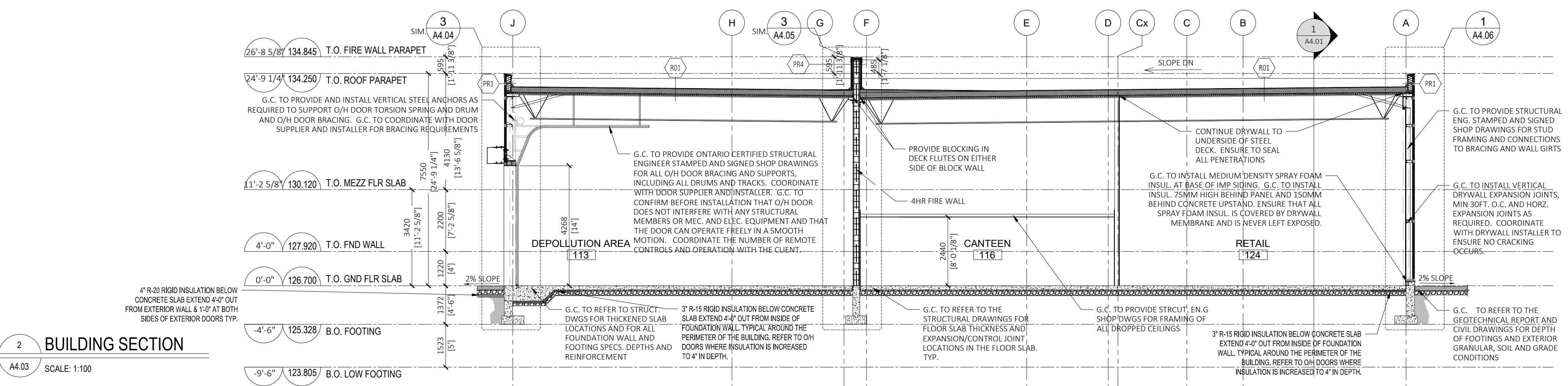
PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER: 20014

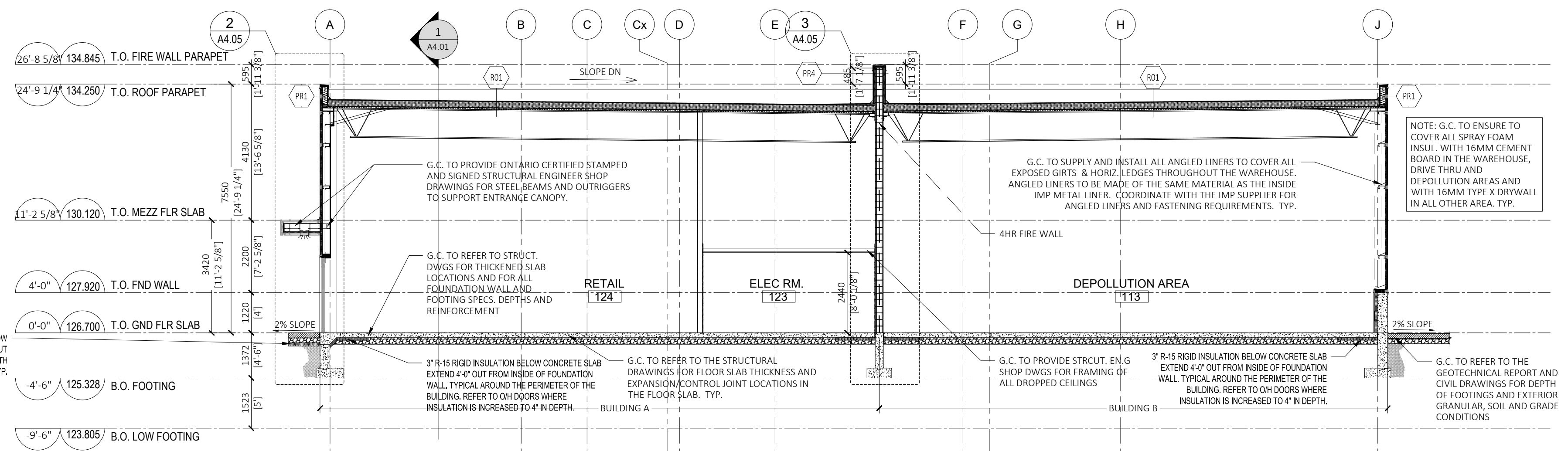
TITLE OF DRAWING
PROPOSED BUILDING SECTIONS

SCALE: 1:100
 DATE: JUN 2022
 DRAWN BY: LE, SH

A4.03

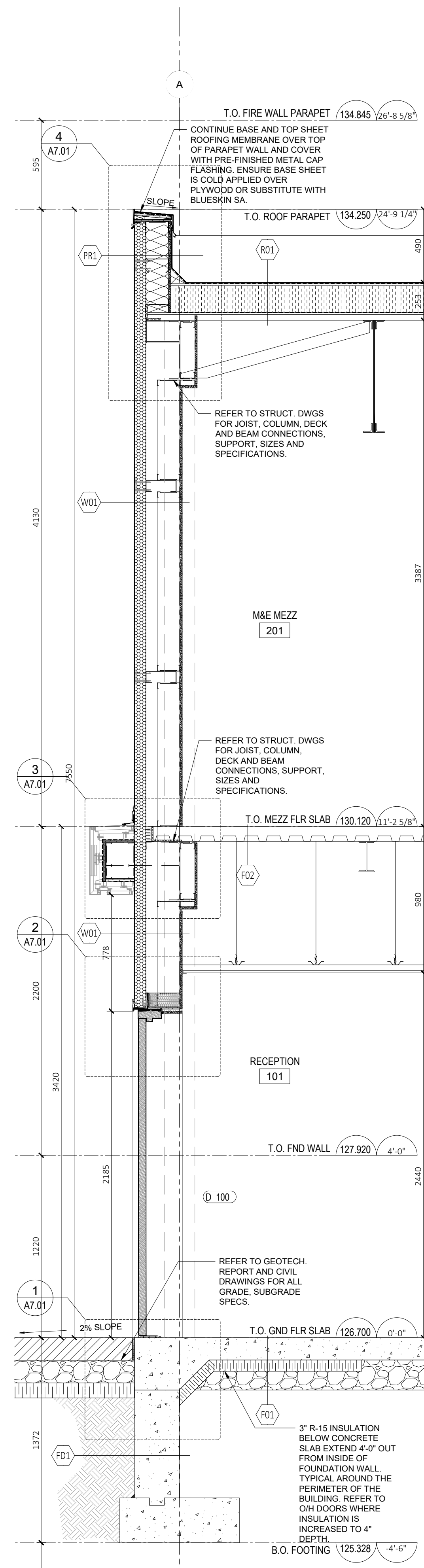


2 BUILDING SECTION
 A4.03 SCALE: 1:100

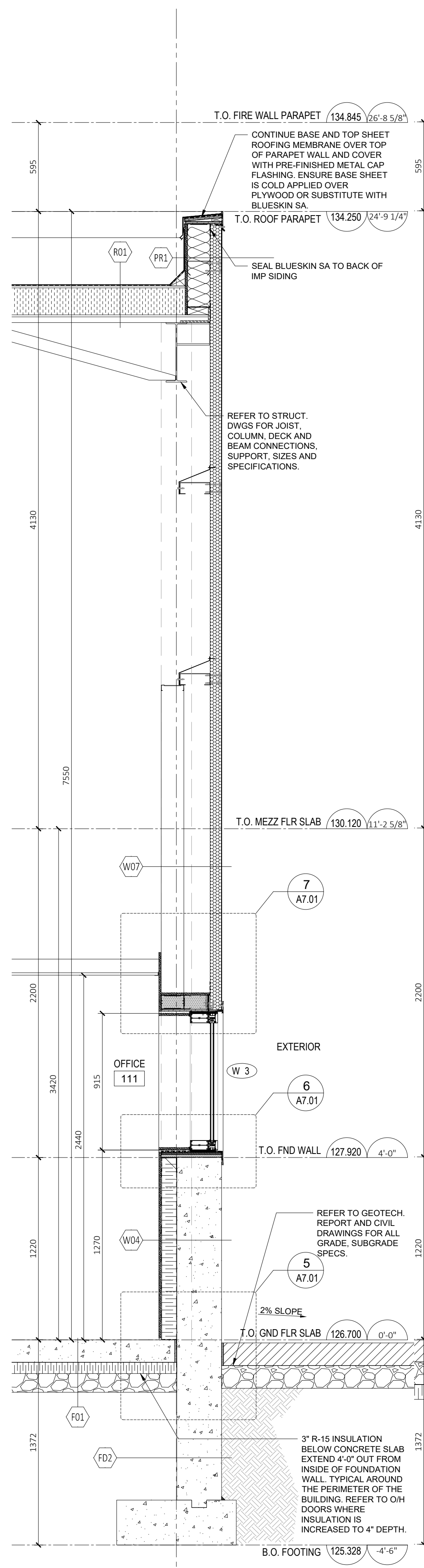


1 BUILDING SECTION
 A4.03 SCALE: 1:100

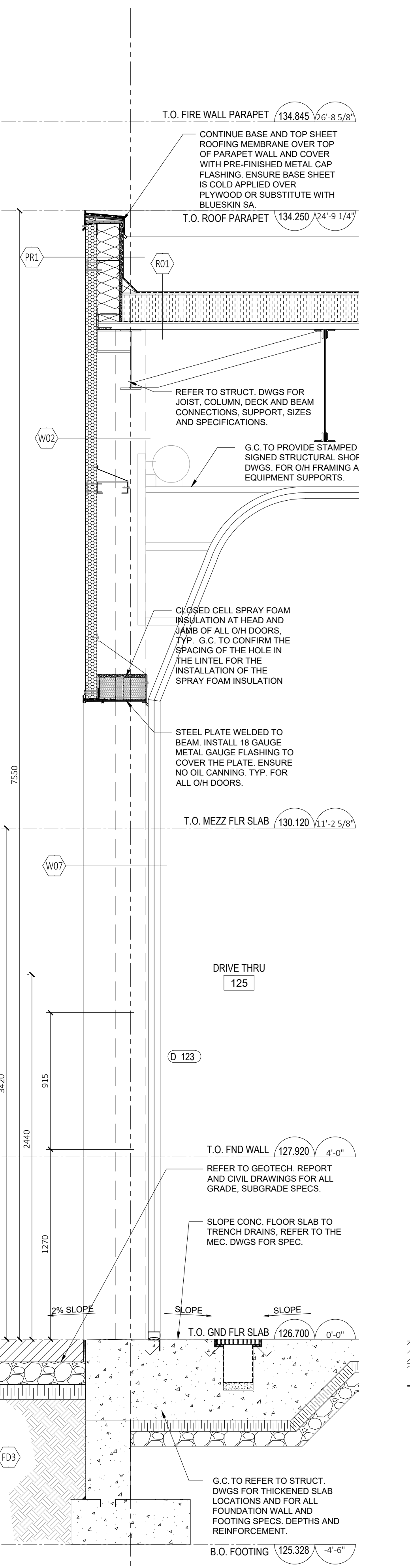
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.



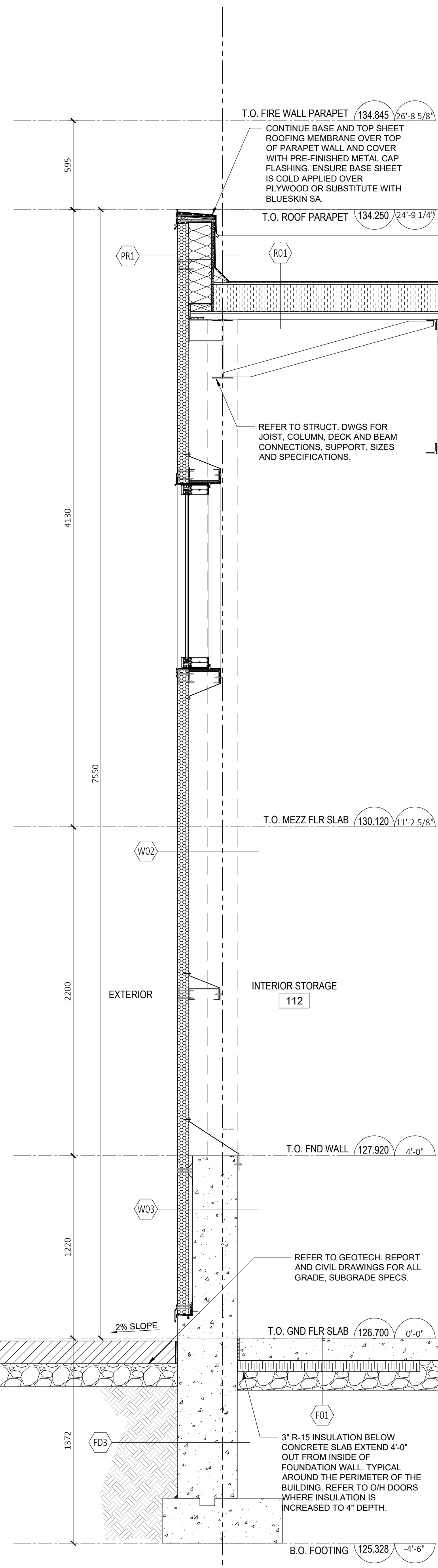
1 WALL SECTION
 A4.04 SCALE: 1:20



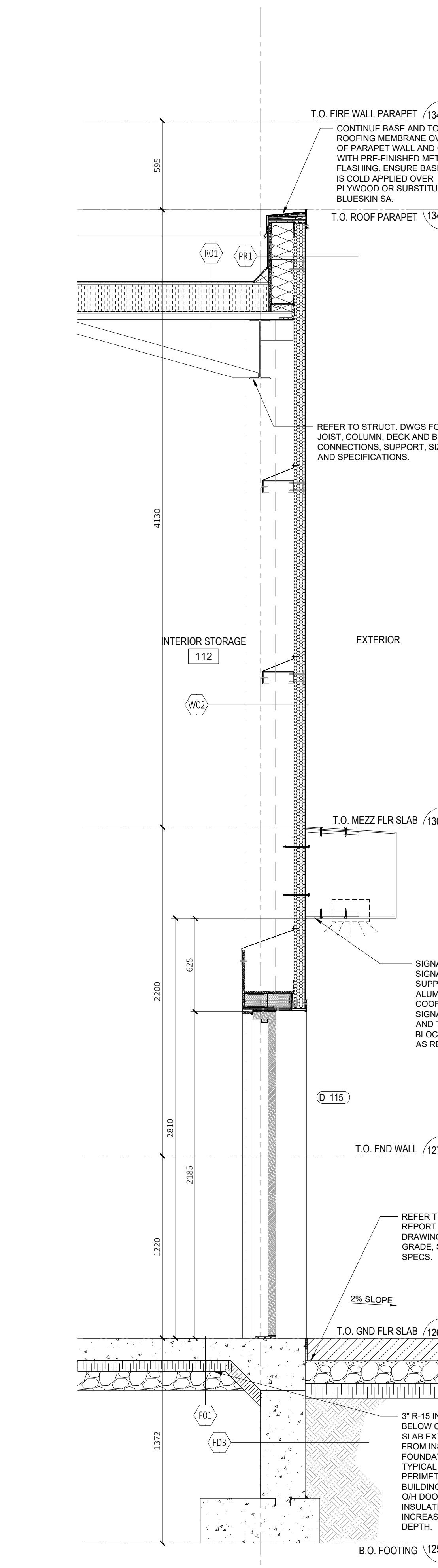
2 WALL SECTION
 A4.04 SCALE: 1:20



3 WALL SECTION
 A4.04 SCALE: 1:20



4 WALL SECTION
 A4.04 SCALE: 1:20



5 WALL SECTION
 A4.04 SCALE: 1:20

| ref | description | date |
|-----|------------------------------|------------|
| 08 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 07 | ISSUED FOR PT#1 | 2023-06-01 |
| 06 | ISSUED FOR PERMIT | 2023-04-14 |
| 05 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 04 | ISSUE FOR ADDENDUM #3 | 2022-08-24 |
| 03 | ISSUE FOR BUILDING PERMIT | 2022-07-26 |
| 02 | ISSUE FOR BUILDING TENDER | 2022-07-21 |
| 01 | ISSUED FOR SITE PLAN CONTROL | 2022-03-28 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

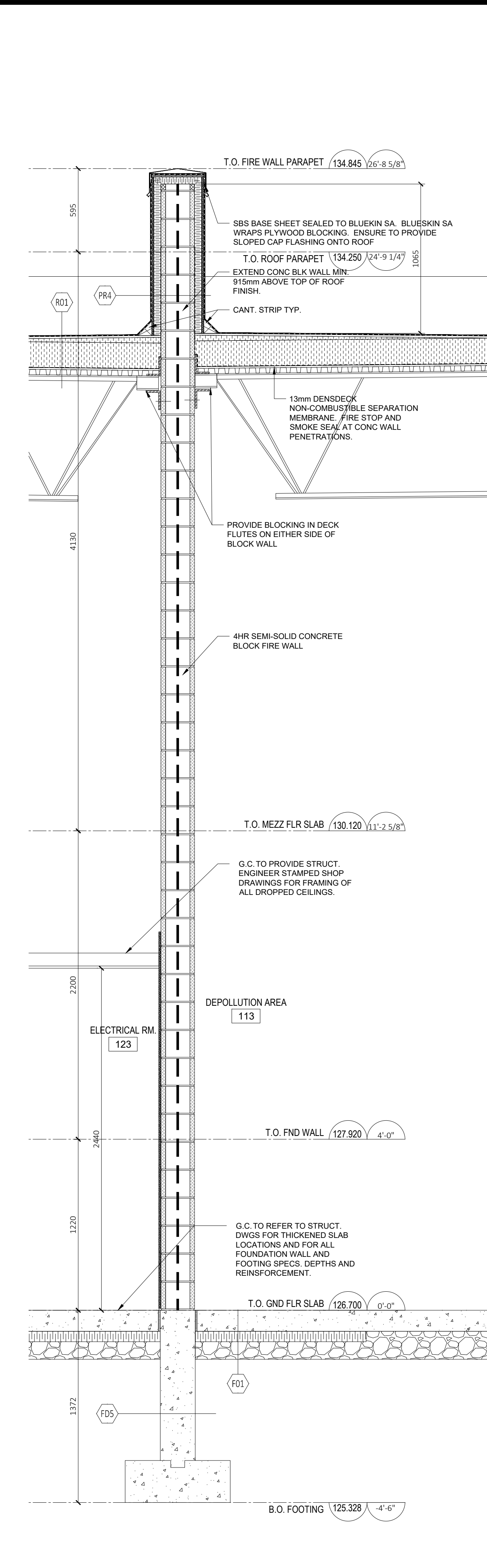
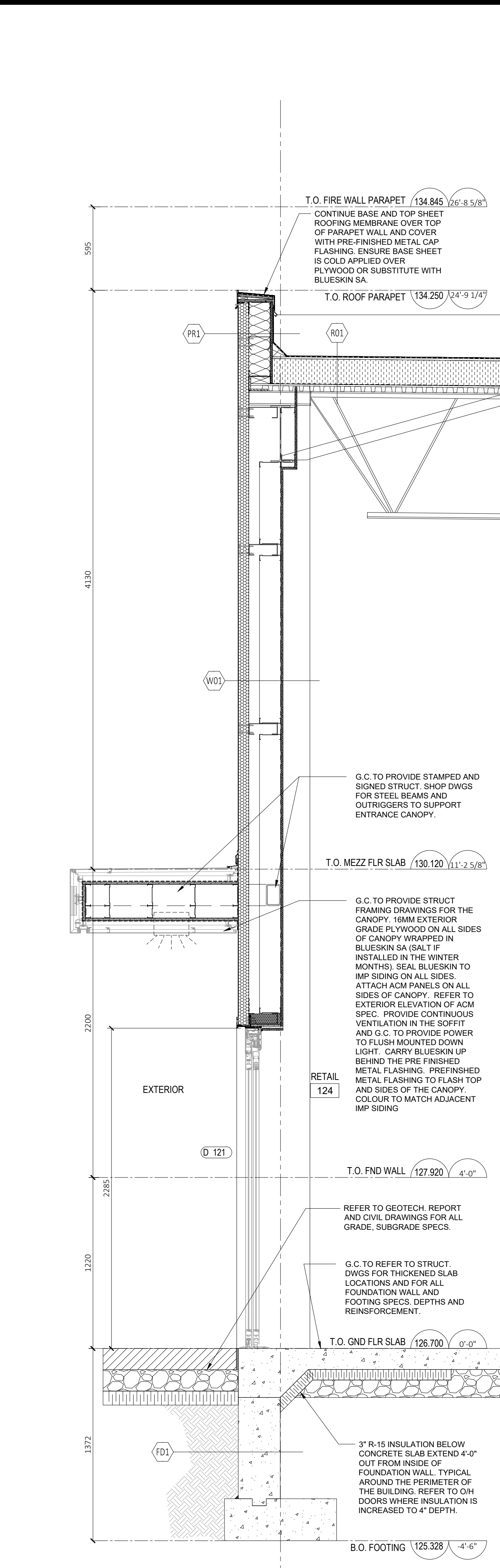
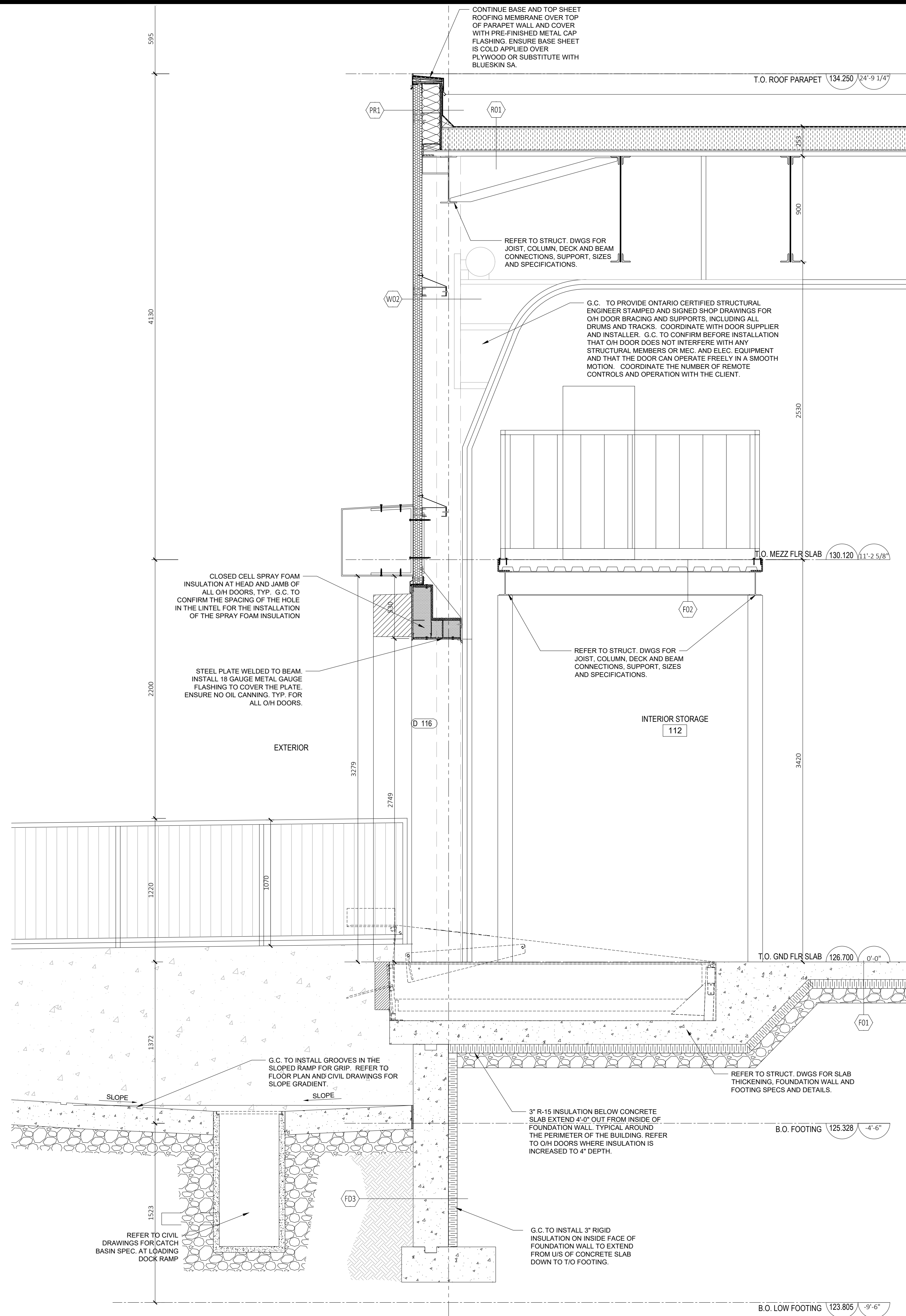
ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
 AIM / KENNY U-PULL**
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
**PROPOSED
 WALL SECTIONS**

SCALE: 1:20
 DATE: JUN 2022
 DRAWN BY: LE, SH
 DRAWING # **A4.04**



1 WALL SECTION
A4.05 SCALE: 1:20

2 WALL SECTION
A4.05 SCALE: 1:20

3 WALL SECTION
A4.05 SCALE: 1:20

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|------------------------------|------------|
| 08 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 07 | ISSUE FOR PERMIT | 2023-04-14 |
| 06 | ISSUE FOR ADDENDUM #4 | 2023-03-30 |
| 05 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 04 | ISSUE FOR ADDENDUM #3 | 2022-08-24 |
| 03 | ISSUE FOR BUILDING TENDER | 2022-07-26 |
| 02 | ISSUE FOR BUILDING TENDER | 2022-07-21 |
| 01 | ISSUED FOR SITE PLAN CONTROL | 2022-03-28 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
PROPOSED WALL SECTIONS

SCALE: 1:20 DRAWING #
DATE: JUN 2022 **A4.05**
DRAWN BY: LE, SH.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|------------------------------|------------|
| 07 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 06 | ISSUED FOR PERMIT | 2023-04-14 |
| 05 | ISSUE FOR BUILDING TENDER | 2023-02-13 |
| 04 | ISSUE FOR ADDENDUM #3 | 2022-08-24 |
| 03 | ISSUE FOR BUILDING PERMIT | 2022-07-26 |
| 02 | ISSUE FOR BUILDING TENDER | 2022-07-21 |
| 01 | ISSUED FOR SITE PLAN CONTROL | 2022-03-28 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

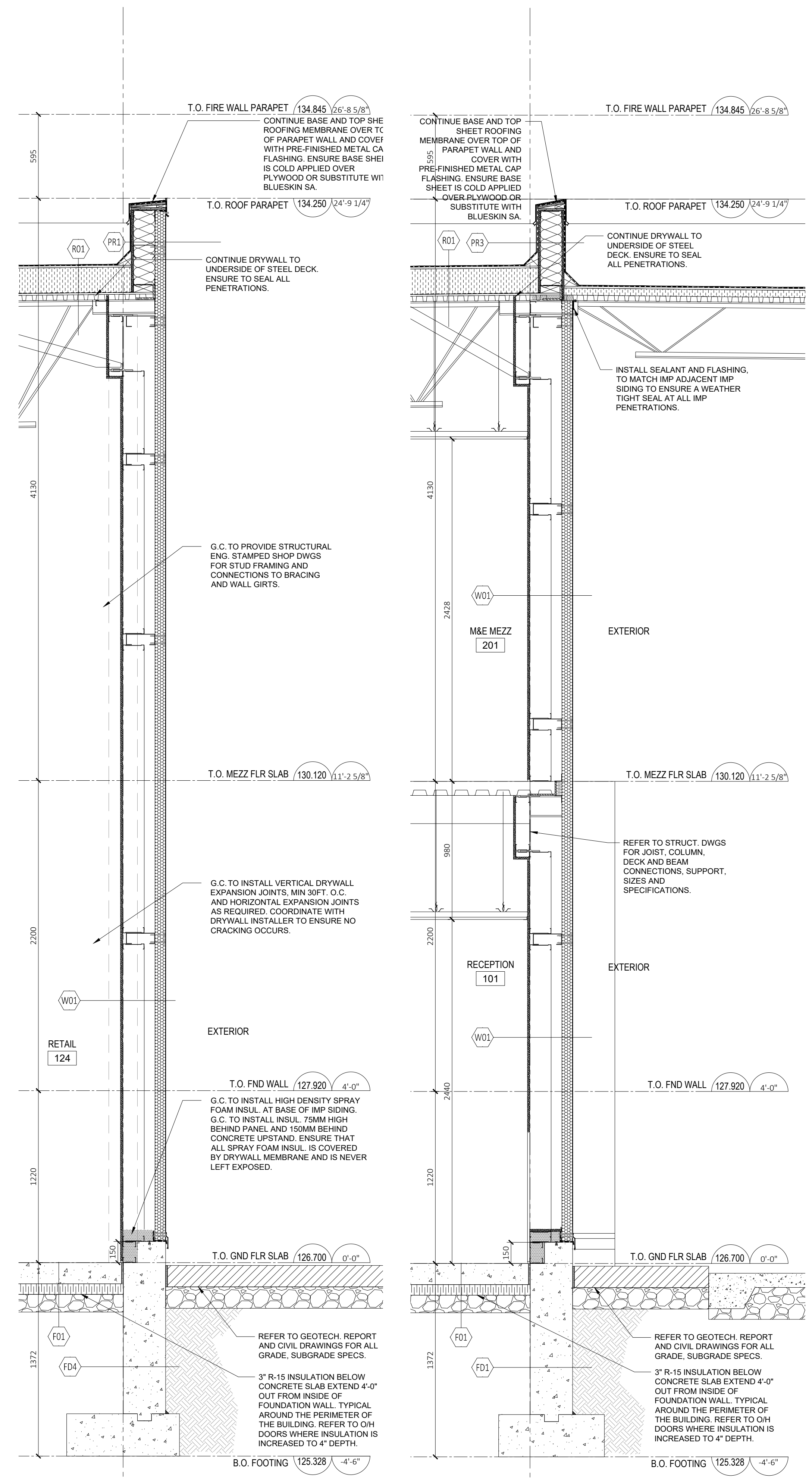
ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

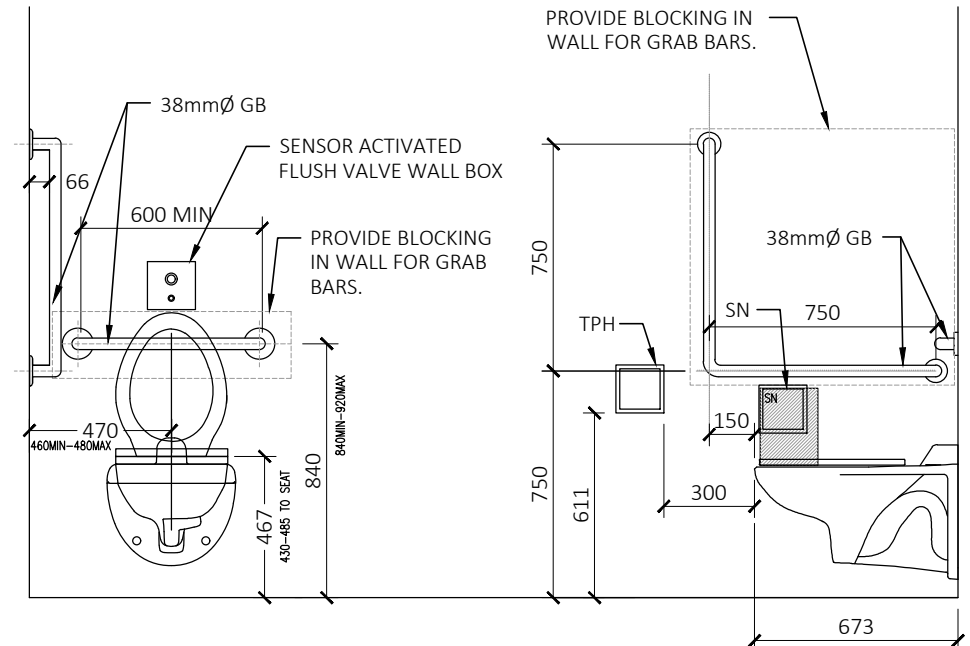
TITLE OF DRAWING
PROPOSED WALL SECTIONS

SCALE: 1:20 DRAWING # A4.06
 DATE: JUN 2022
 DRAWN BY: LE, SH

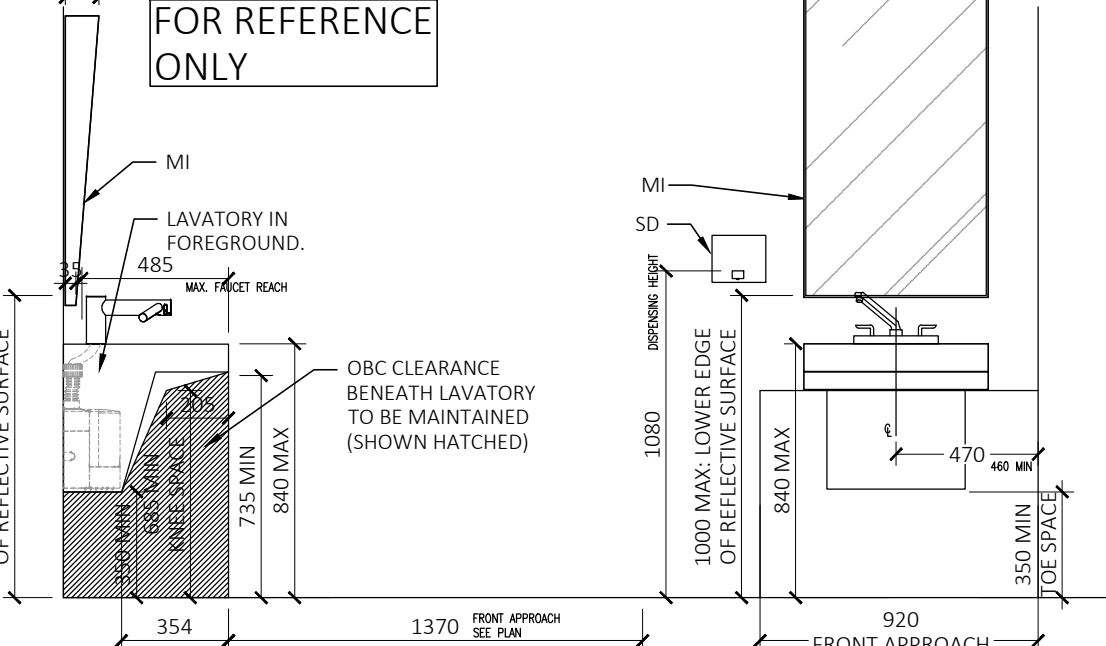


1 WALL SECTION
 SCALE: 1:20

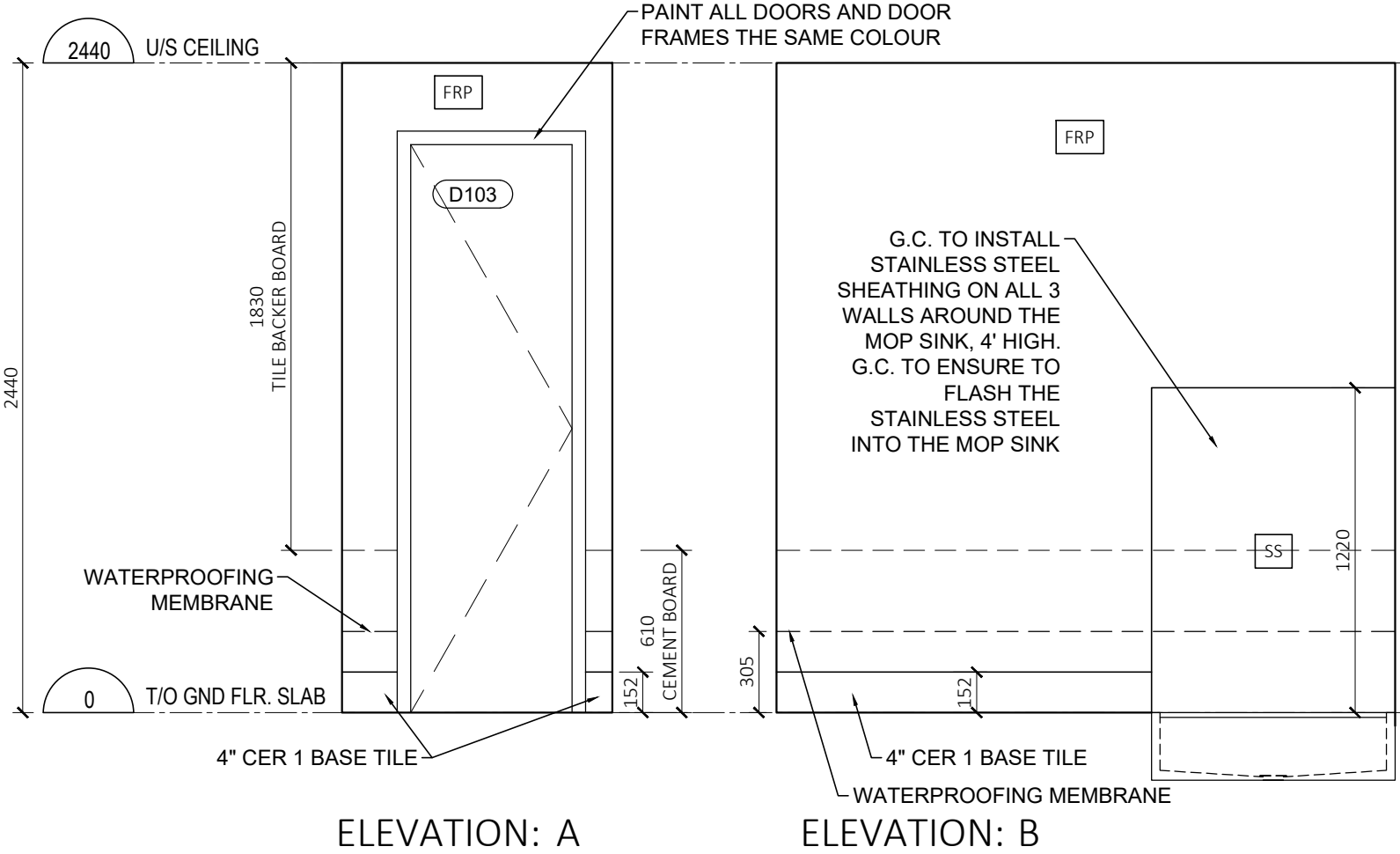
2 WALL SECTION
 SCALE: 1:20



6 WATER CLOSET & GRAB BARS OBC REQUIREMENT
A5.00 SCALE: 1:25

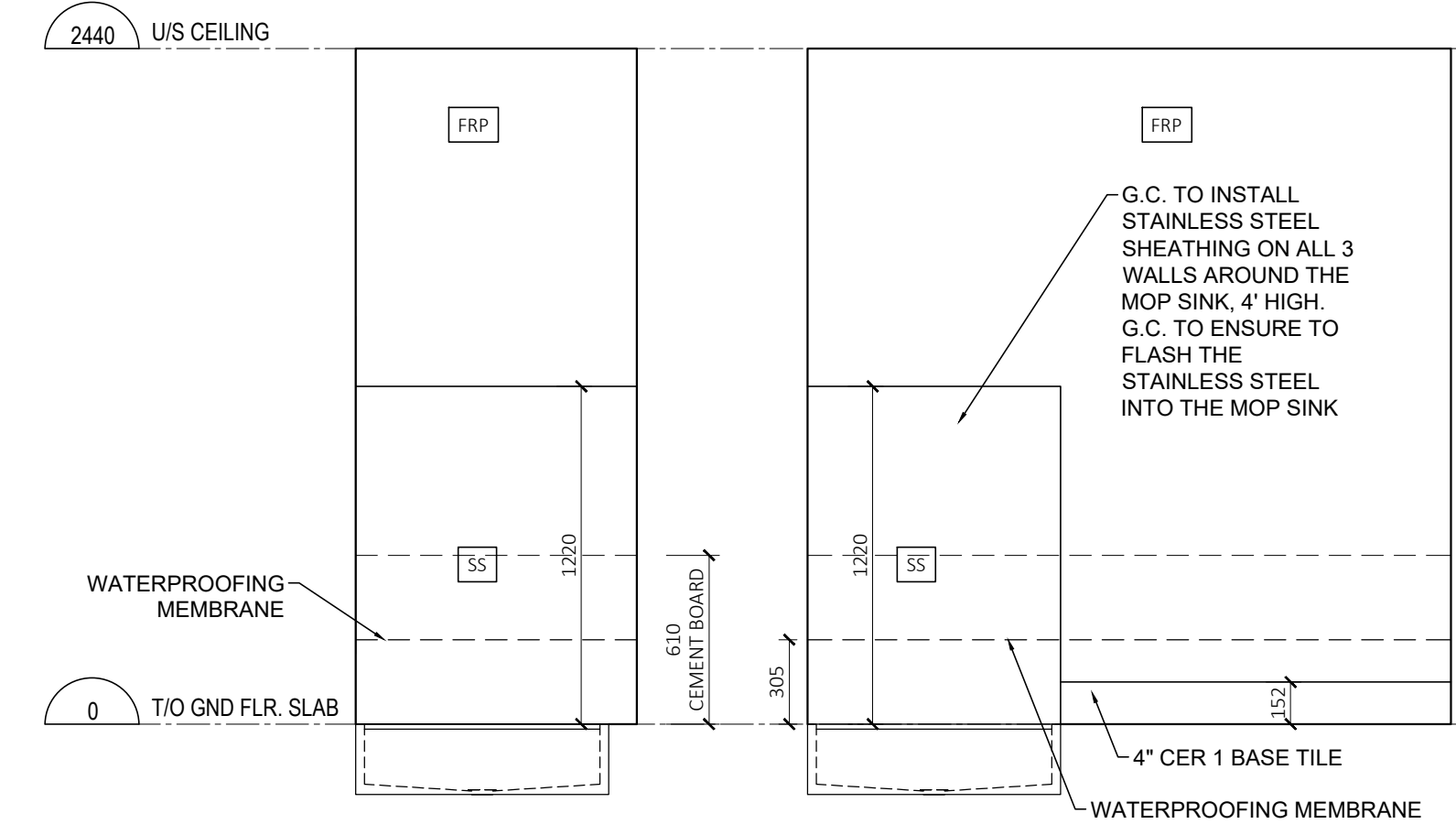


7 LAVATORY OBC REQUIREMENT
A5.00 SCALE: 1:25



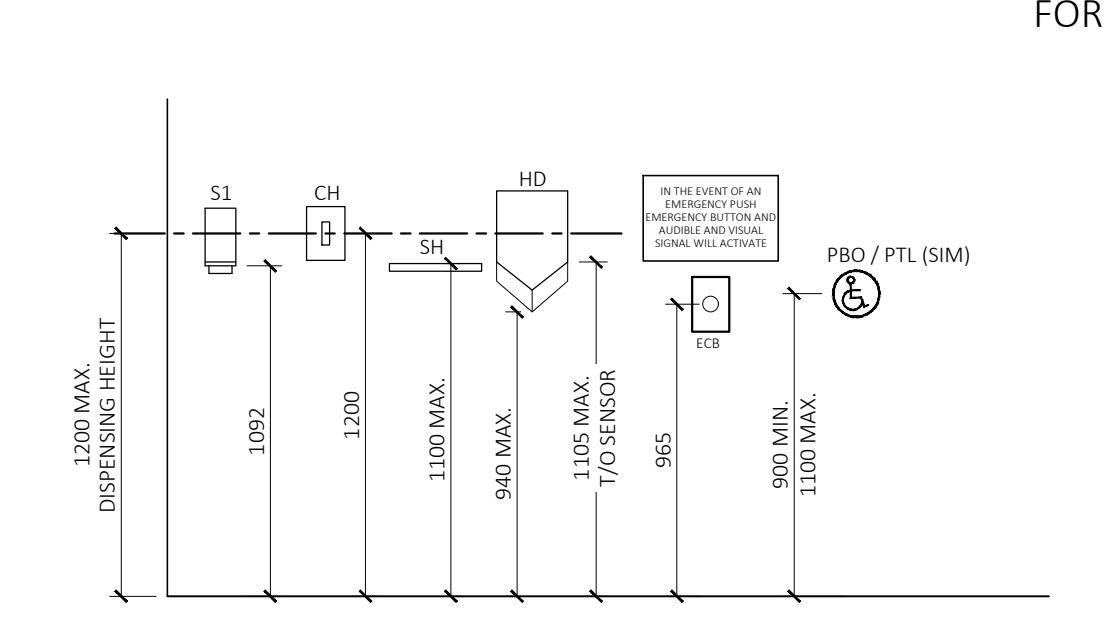
ELEVATION: A

ELEVATION: B

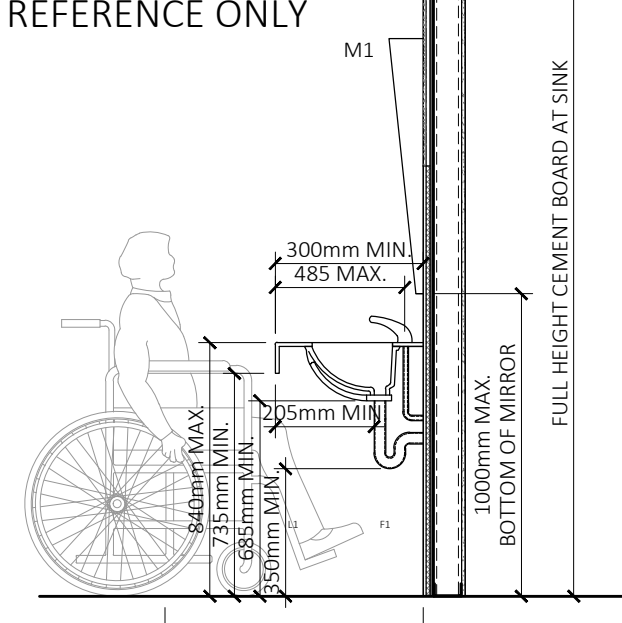


ELEVATION: C

ELEVATION: D

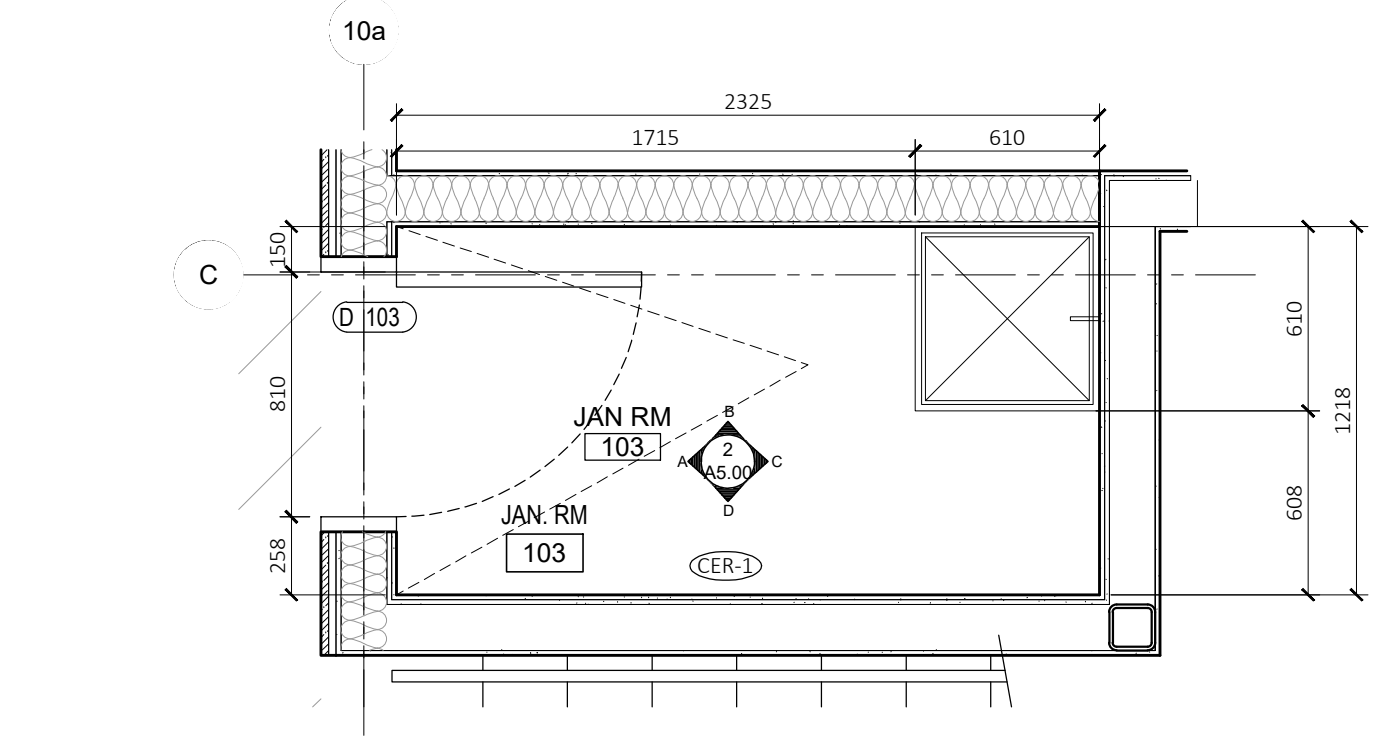


5 ACCESSORY MOUNTING HEIGHT REQUIREMENTS
A5.00 SCALE: 1:25

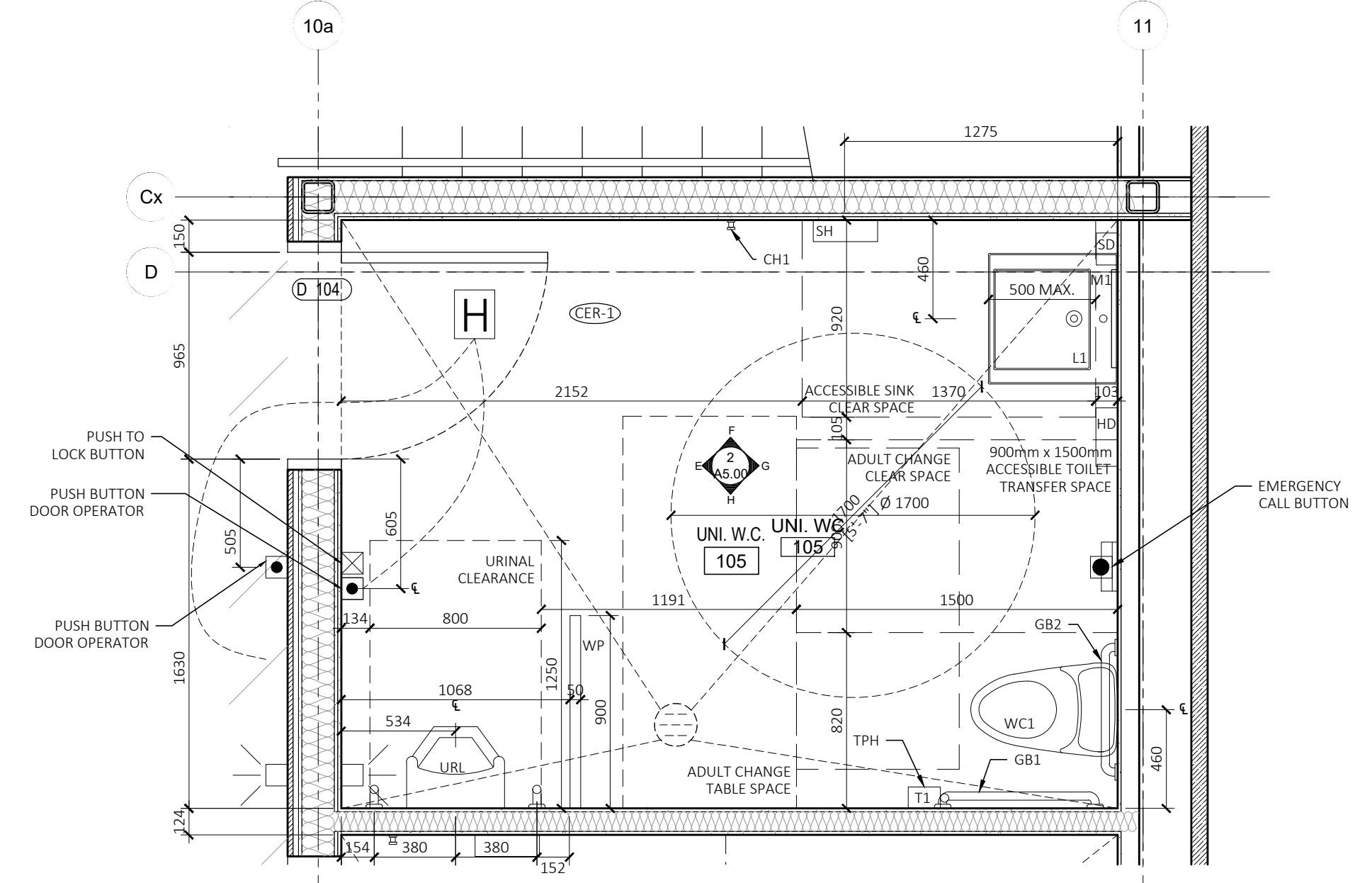


FOR REFERENCE ONLY

- LEGEND:
- SD SOAP DISPENSER
 - SH SHELF 100mm MAX DEPTH
 - HD HAND DRYER
 - WR WASTE RECEPTACLE
 - CH COAT HOOK
 - MI MIRROR
 - CT CERAMIC TILE
 - TPH TOILET PAPER HOLDER
 - ND NAPKIN DISPENSER
 - FD FLOOR DRAIN
 - POD POWER DOOR OPERATOR
 - ECS EMERGENCY CALL SYSTEM
 - BCT BABY CHANGE TABLE
 - GB GRAB BAR 35-40mm DIA. C/W SLIP RESISTANT SURFACE
 - SS STAINLESS STEEL
- NOTES: AREA OF REFUGE
1. CLEARANCES AND MOUNTING HEIGHTS SHALL COMPLY WITH O.B.C. 2012 AND 2022 AMENDMENTS, SECTION 3.8 'BARRIER-FREE DESIGN'.
 2. PROVIDE WOOD BLOCKING WITHIN WALLS TO SECURE ALL ACCESSORIES.
 3. PROVIDE EMERGENCY CALL SYSTEM TA-3230-KIT "CALL FOR ASSISTANCE KIT" IN ACCORDANCE WITH OBC 3.8.3.12 (2) COMPLETE WITH AUDIBLE AND VISUAL SIGNAL DEVICES INSIDE THE AREA OF TEMPORARY REFUGE THAT IS ACTIVATED BY A CONTROL, AND AN EMERGENCY SIGN THAT CONTAINS THE WORDS "IN THE EVENT OF AN EMERGENCY PUSH EMERGENCY BUTTON AND AUDIBLE AND VISUAL SIGNAL WILL ACTIVATE" IN LETTERS AT LEAST 25mm HIGH WITH 5mm STROKE AND THAT IS POSTED ABOVE THE EMERGENCY BUTTON.
 4. RESERVED
 5. RESERVED
 6. RESERVED
 7. MIRRORS TO BE CENTERED OVER VANITIES AND INSTALLED ON WALL FINISH.
 8. REFER TO INTERIOR DRAWING PACKAGE FOR ALL WALL, FLOOR AND CEILING FINISHES.
 9. HORN AND STROBE LIGHTS TO BE INSTALLED PER O.B.C. REQUIREMENTS.
 10. RESERVED

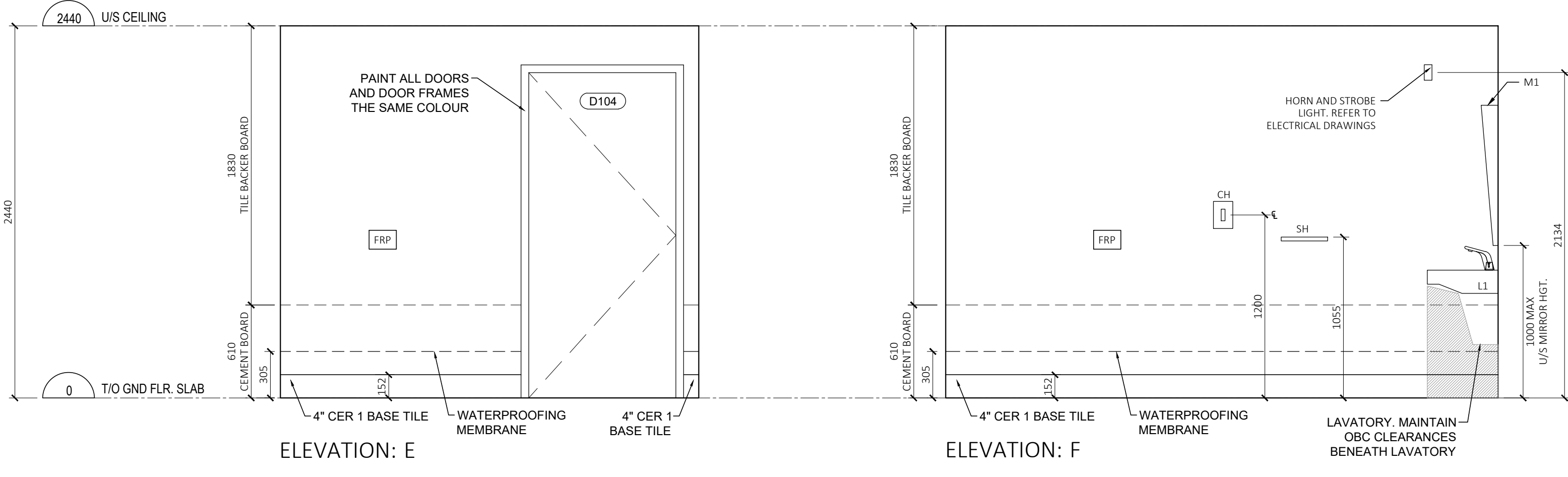


3 ENLARGED PLAN - JANITOR [103]
A5.00 SCALE: 1:25



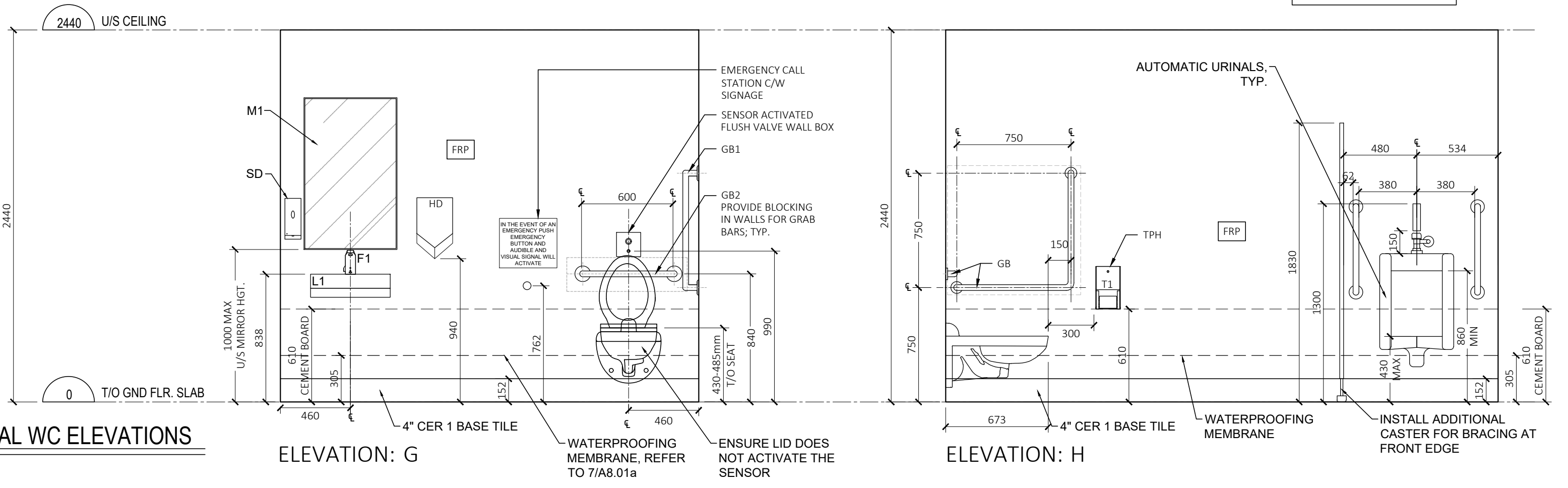
1 ENLARGED PLAN - UNIVESAL WC [105]
A5.00 SCALE: 1:25

4 JANITOR ROOM ELEVATIONS
A5.00 SCALE: 1:25



ELEVATION: E

ELEVATION: F



ELEVATION: G

ELEVATION: H

| WASHROOM ACCESSORY SCHEDULE | | | | | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------|--------|---------|
| ITEM # | DESCRIPTION | W/C | QTY. | SUPPLY | INSTALL |
| GB1 | "L" SHAPED GRAB BAR - FROST #1003NP THROUGH HIC 1 1/4" STAINLESS STEEL PEENED NON-SLIP FINISH | U | 3 | G.C. | G.C. |
| GB2 | HORIZONTAL GRAB BAR - FROST #1001NP THROUGH HIC 1 1/4" STAINLESS STEEL PEENED NON-SLIP FINISH | U | 3 | G.C. | G.C. |
| WC1 | WALL MOUNTED BARRIER FREE TOILET - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS | U | 3 | G.C. | G.C. |
| WC2 | FLOOR MOUNTED TOILET - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS | P | 1 | G.C. | G.C. |
| SD | SOAP DISPENSER | U & P | 3 | GC | G.C. |
| CH1 | COAT HOOK - FROST #1139-SS | U | 3 | G.C. | G.C. |
| | WASTE RECEPTACLE | U & P | 4 | GC | G.C. |
| HD | HAND DRYERS - DYSON #307174-01 AIRBLADE V SPRAYED NICKEL, REFER TO ELECTRICAL DRAWINGS. G.C. TO COORDINATE SPEC WITH CLIENT. | U & P | 4 | G.C. | G.C. |
| L1 | LAVATORY - O.B.C. BARRIER FREE COMPLIANCE. G.C. TO PROVIDE CONCEALED ARM WITHIN WALL FOR VANITIES IN PUBLIC WASHROOMS. REFER TO MECHANICAL DRAWINGS | U | 3 | G.C. | G.C. |
| L2 | LAVATORY - G.C. TO PROVIDE CONCEALED ARM WITHIN WALL FOR VANITIES IN PUBLIC WASHROOMS. REFER TO MECHANICAL DRAWINGS. UNDER MOUNT VANITY SINK BY G.C. TO CONFIRM SPEC WITH MECHANICAL DRAWINGS AND CLIENT. | P | 2 | G.C. | G.C. |
| T1 | TOILET PAPER DISPENSER - CASCADES 4212 (DB12) | U & P | 4 | G.C. | G.C. |
| M1 | MIRROR - FROST #941-18X36FT TILTED MIRROR | U | 3 | G.C. | G.C. |
| M2 | MIRROR - FROST #941-18X36FT. G.C. TO COORDINATE HEIGHT OF MIRROR WITH SOAP DISPENSERS | P | 2 | G.C. | G.C. |
| SH | SHELF - FROST 950-4 HEAVY DUTY SHELF 22 GAUGE STAINLESS STEEL NO. 4 BRUSHED FINISH WELDED TO STAINLESS STEEL WALL PLATE | U | 3 | G.C. | G.C. |
| F1 | SENSOR NO TOUCH SLOAN FAUCETS - REFER TO MECHANICAL DRAWINGS | U & P | 4 | G.C. | G.C. |
| URL | WALL MOUNTED URINAL - REFER TO MECHANICAL DRAWINGS FOR SPECIFICATIONS | P | 1 | G.C. | G.C. |
| WP | HADRIAN POWDER COATED WASHROOM PARTITIONS. COLOUR #545 CHARCOAL (CONFIRM WITH ID) WEBSITE - HEADRAIL BRACING. G.C. TO ENSURE TO PROVIDE BLOCKING IN THE CEILING TO SUPPORT THE PARTITION WALLS. https://www.hadrian-inc.com/getattachment/07f07a75db-4461-ae6d-9ef5b9b3a6a/Powder-Coated-Brochure-102210.aspx | P | | G.C. | G.C. |

ABBREVIATIONS:
U - UNIVERSAL WASHROOM P - MALE/FEMALE PUBLIC WASHROOM S - STAFF WASHROOM

NOTES:
- G.C. IS RESPONSIBLE FOR THE INSTALLATION OF GRAB BARS, SINKS, TOILETS AND ALL WASHROOM EQUIPMENT TO CONFORM TO THE ONTARIO BUILDING CODE.
- G.C. IS RESPONSIBLE FOR CAULKING ALL FIXTURES AND ACCESSORIES.
- REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON EMERGENCY CALL BUTTON IN UNIVERSAL WASHROOM
- G.C. TO PROVIDE PLYWOOD BLOCKING AS REQUIRED AT ALL WALL MOUNTED FIXTURES.
- G.C. TO PROVIDE BLOCKING ABOVE THE CEILING FOR THE WASHROOM PARTITIONS AROUND THE STALL AND FOR THE URINAL PARTITION.
- REFER A8.0 FOR FINISHES DETAIL.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 06 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 05 | ISSUED FOR PTA#2 | 2024-03-05 |
| 04 | ISSUED FOR PTA#1 | 2023-06-01 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUE FOR ADDENDUM#4 | 2023-03-30 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8899
e: info@ncarchitect.ca
www.ncarchitect.ca

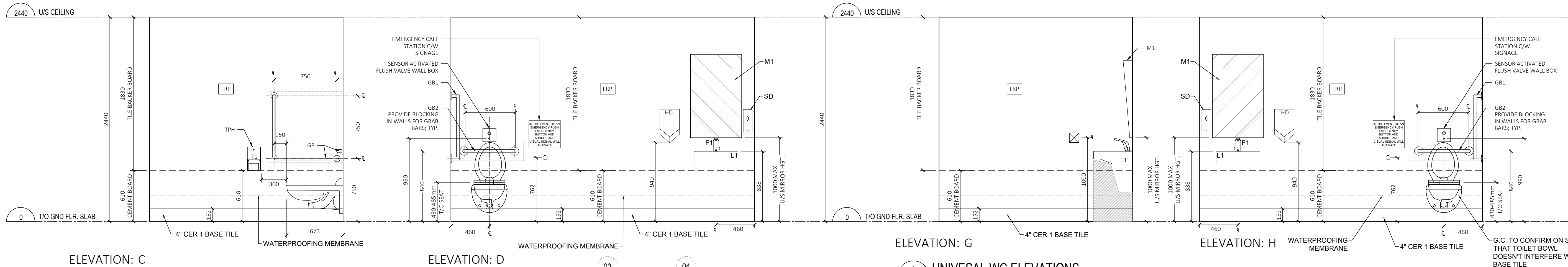
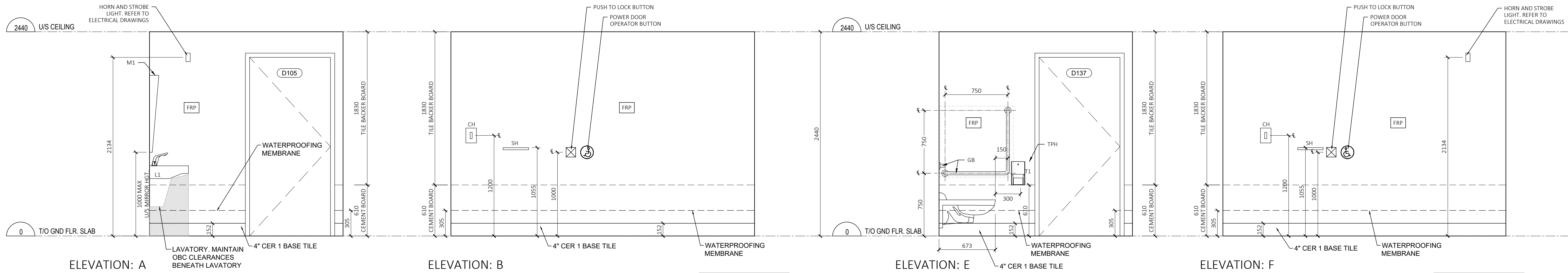
PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
WASHROOM & JANITOR ROOM ENLARGED PLANS, ELEVATIONS & DETAILS

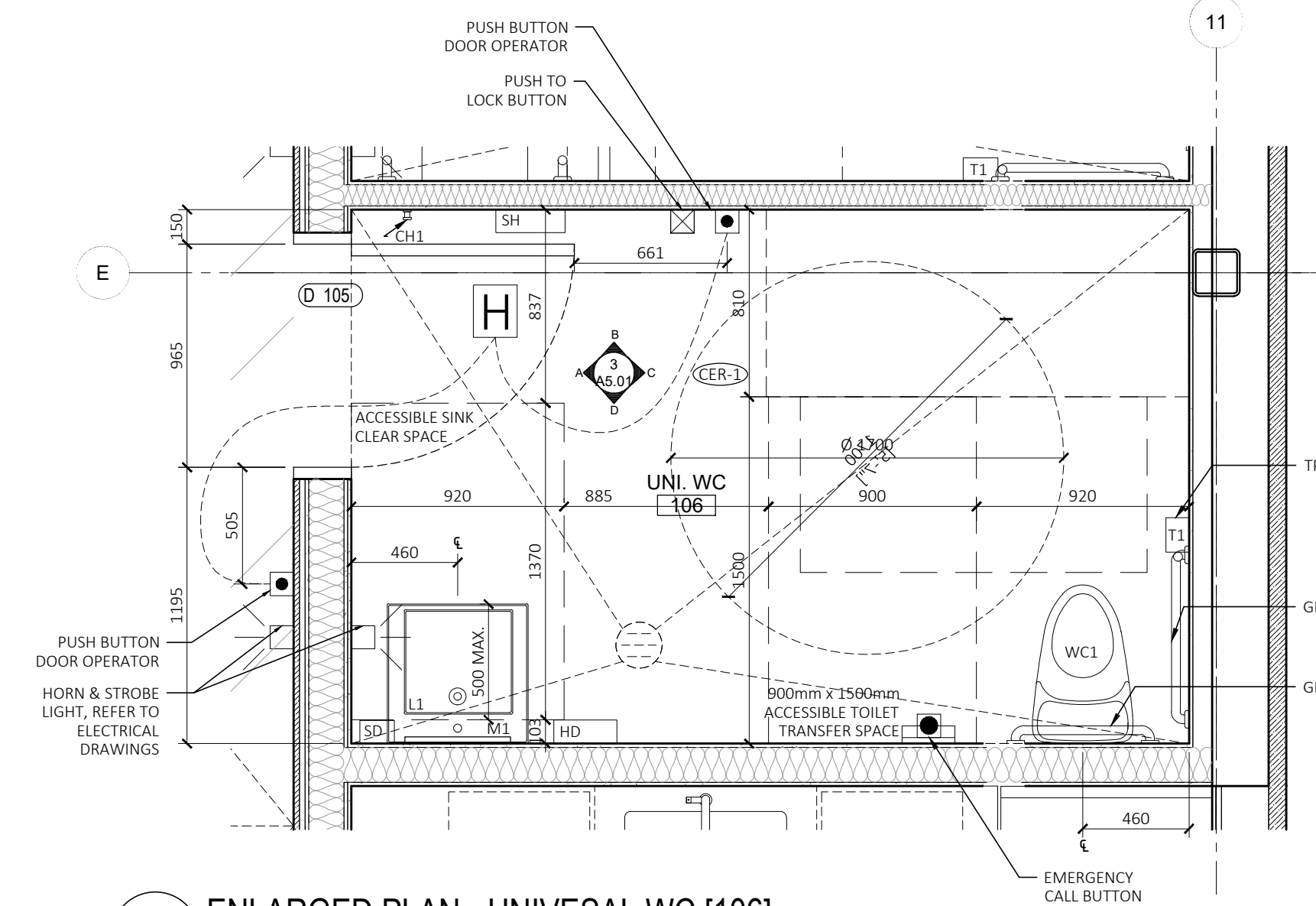
SCALE: 1:25
DATE: JUN 2022
DRAWN BY: LE, SH

DRAWING #
A5.00

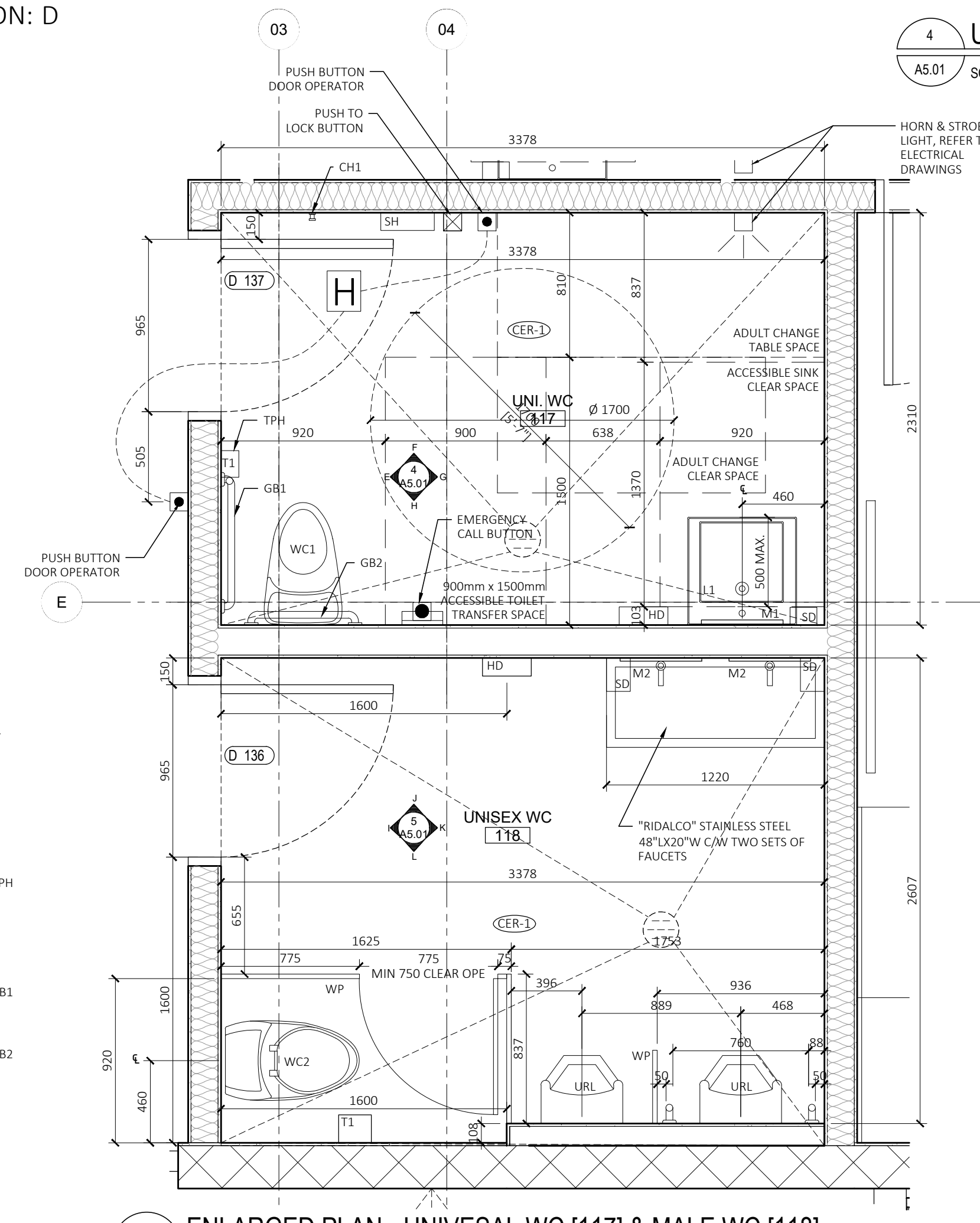


3 UNIVESAL WC ELEVATIONS
A5.01 SCALE: 1:25

4 UNIVESAL WC ELEVATIONS
A5.01 SCALE: 1:25



1 ENLARGED PLAN - UNIVESAL WC [106]
A5.01 SCALE: 1:25



2 ENLARGED PLAN - UNIVESAL WC [117] & MALE WC [118]
A5.01 SCALE: 1:25

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PTA#1 | 2023-06-01 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUE FOR ADDENDUM#4 | 2023-03-30 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTRÉAL, QUÉBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

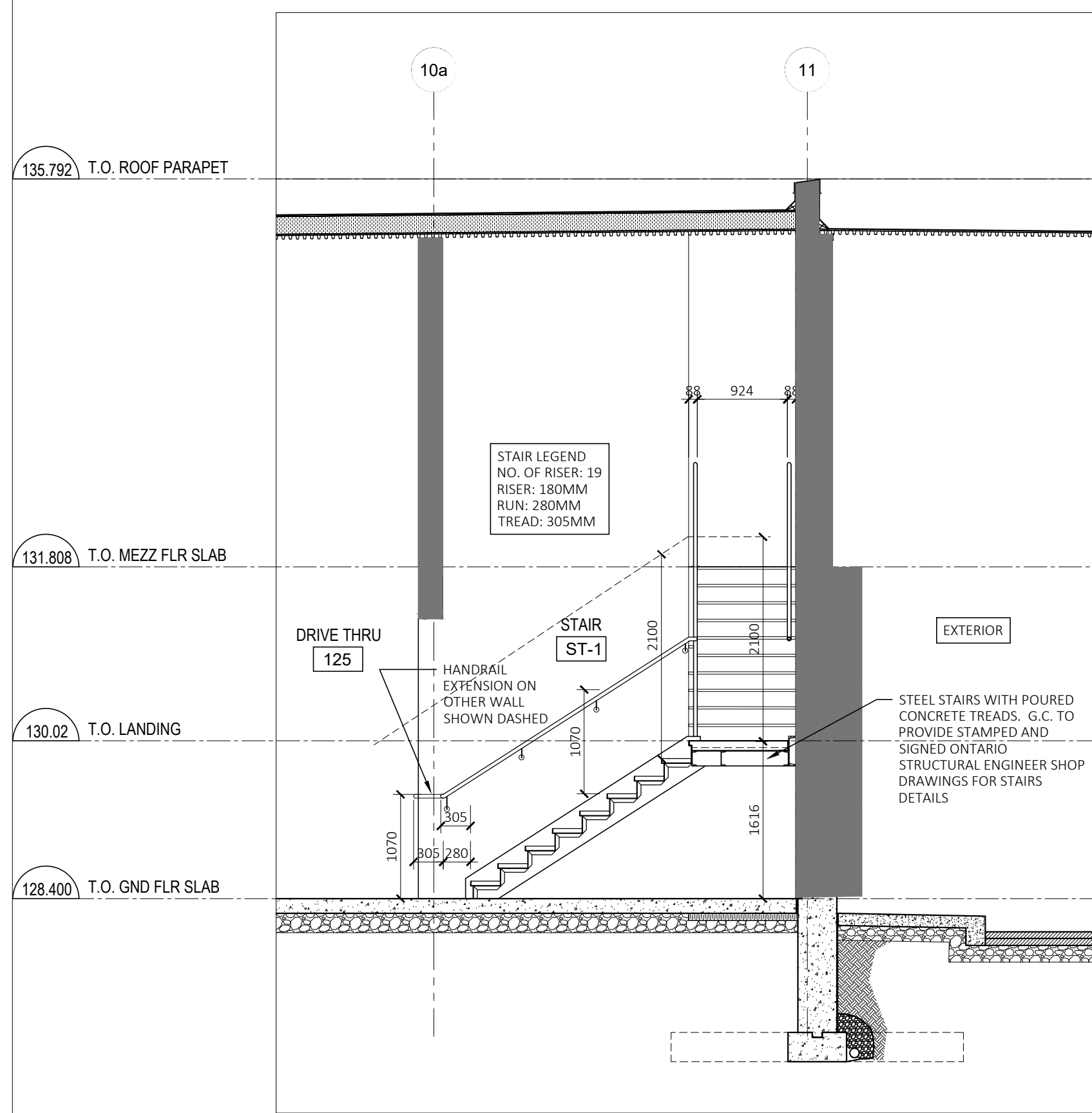
ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 McADOO'S LANE
KINGSTON

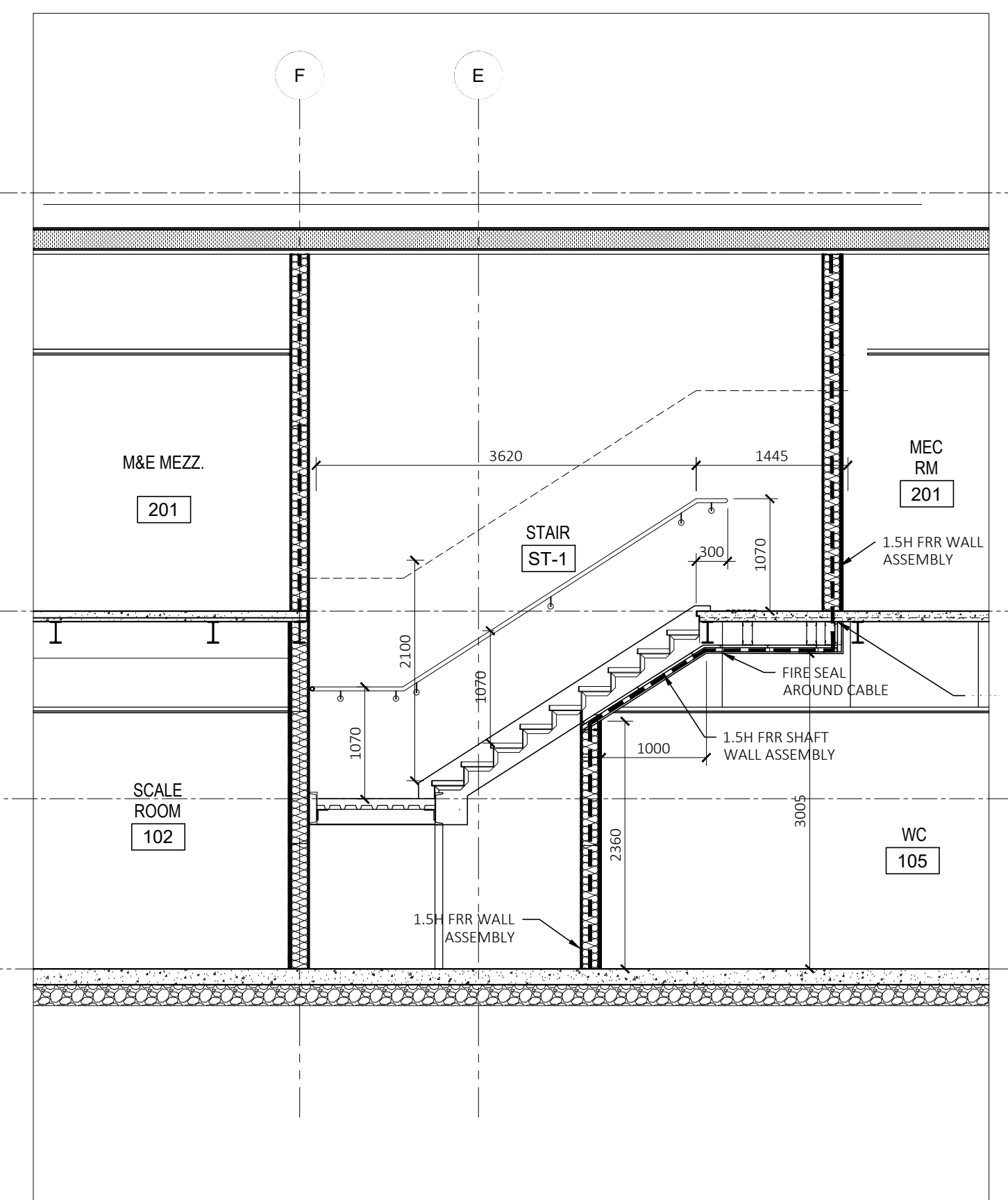
OFFICE FILE NUMBER 20014

TITLE OF DRAWING
**WASHROOM
ENLARGED PLANS
& ELEVATIONS**

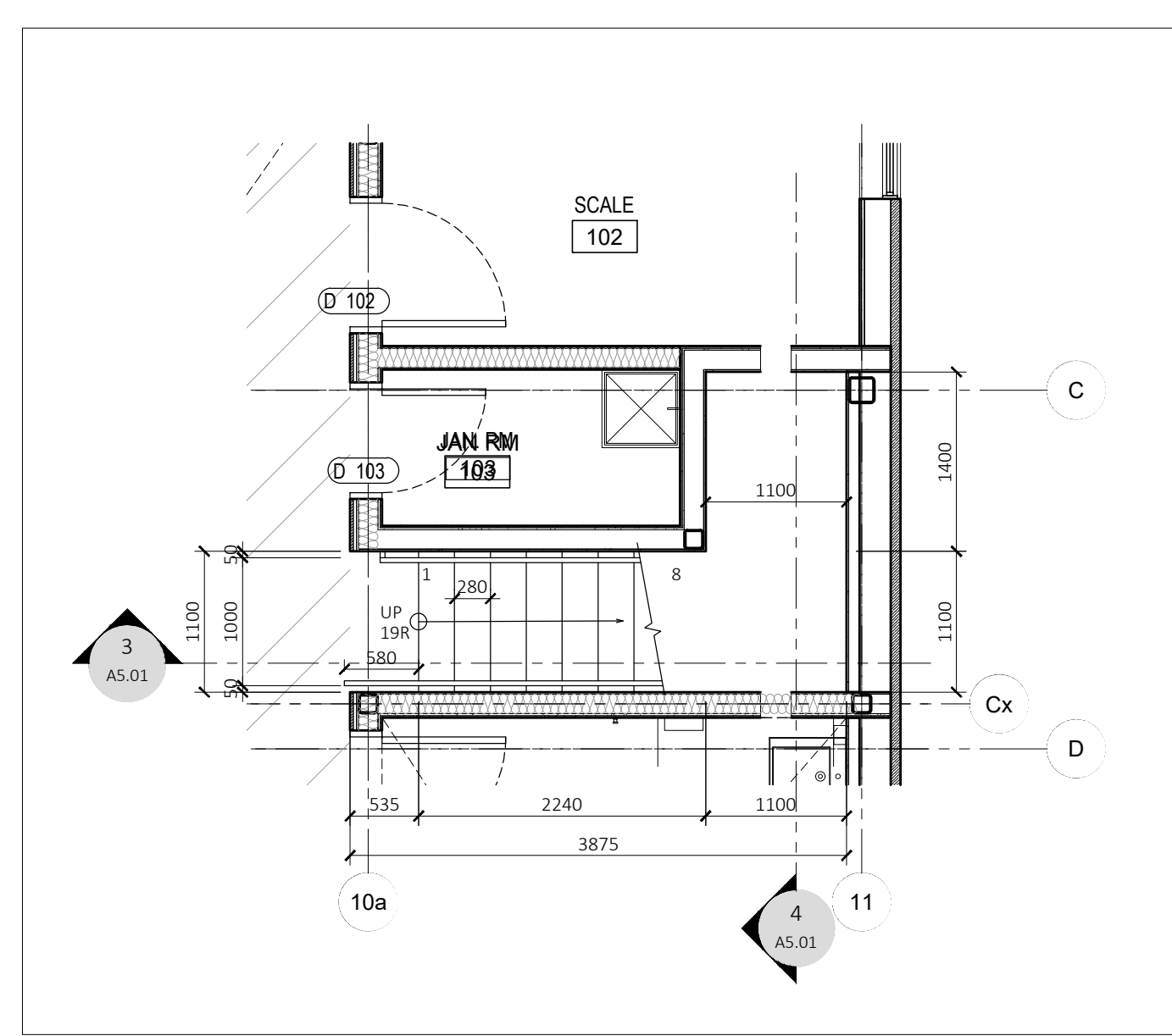
SCALE: 1:25
DATE: JUN 2022
DRAWN BY: LE, SH.
DRAWING # **A5.01**



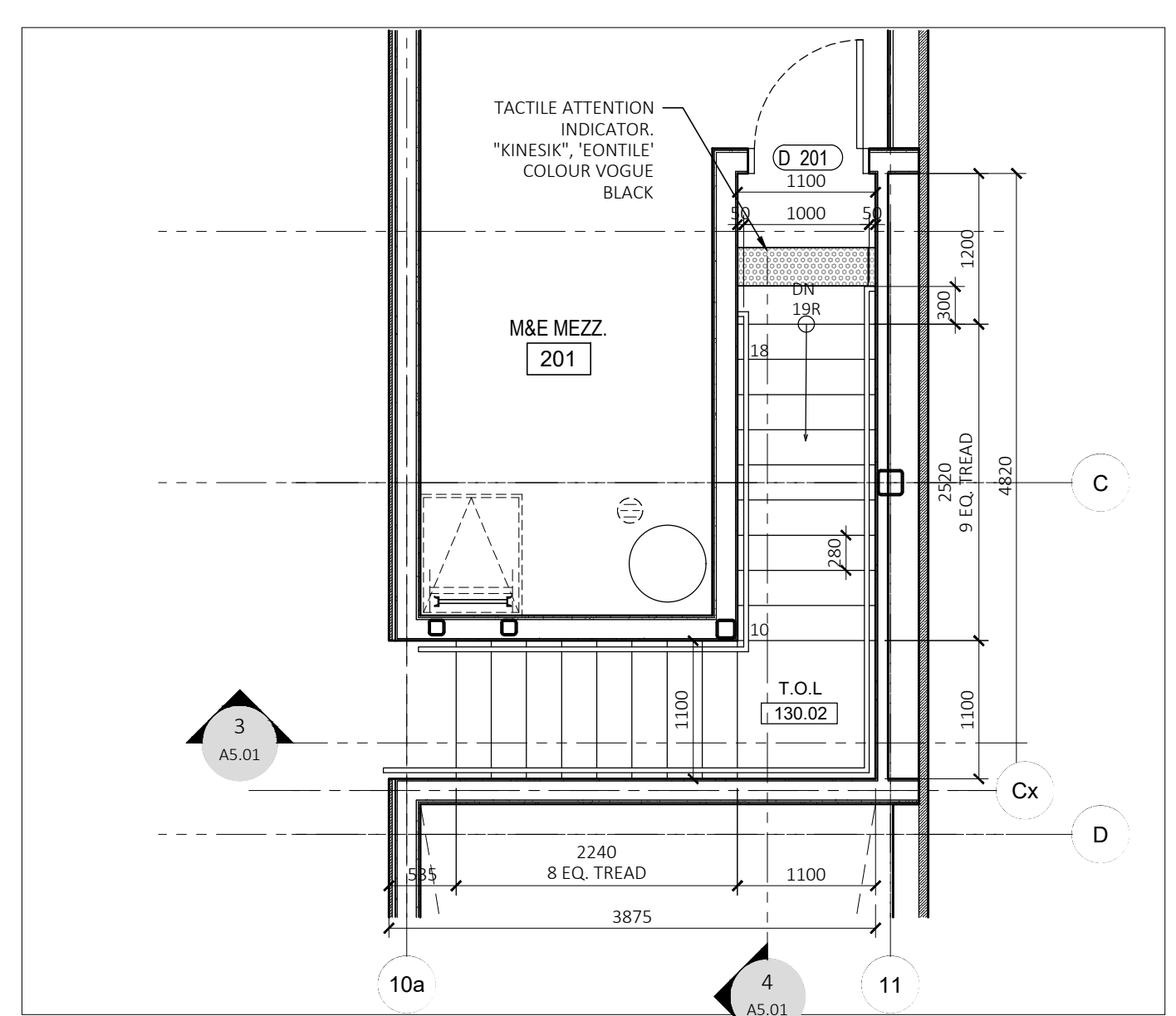
3 STAIR SECTION
A5.02 SCALE: 1:50



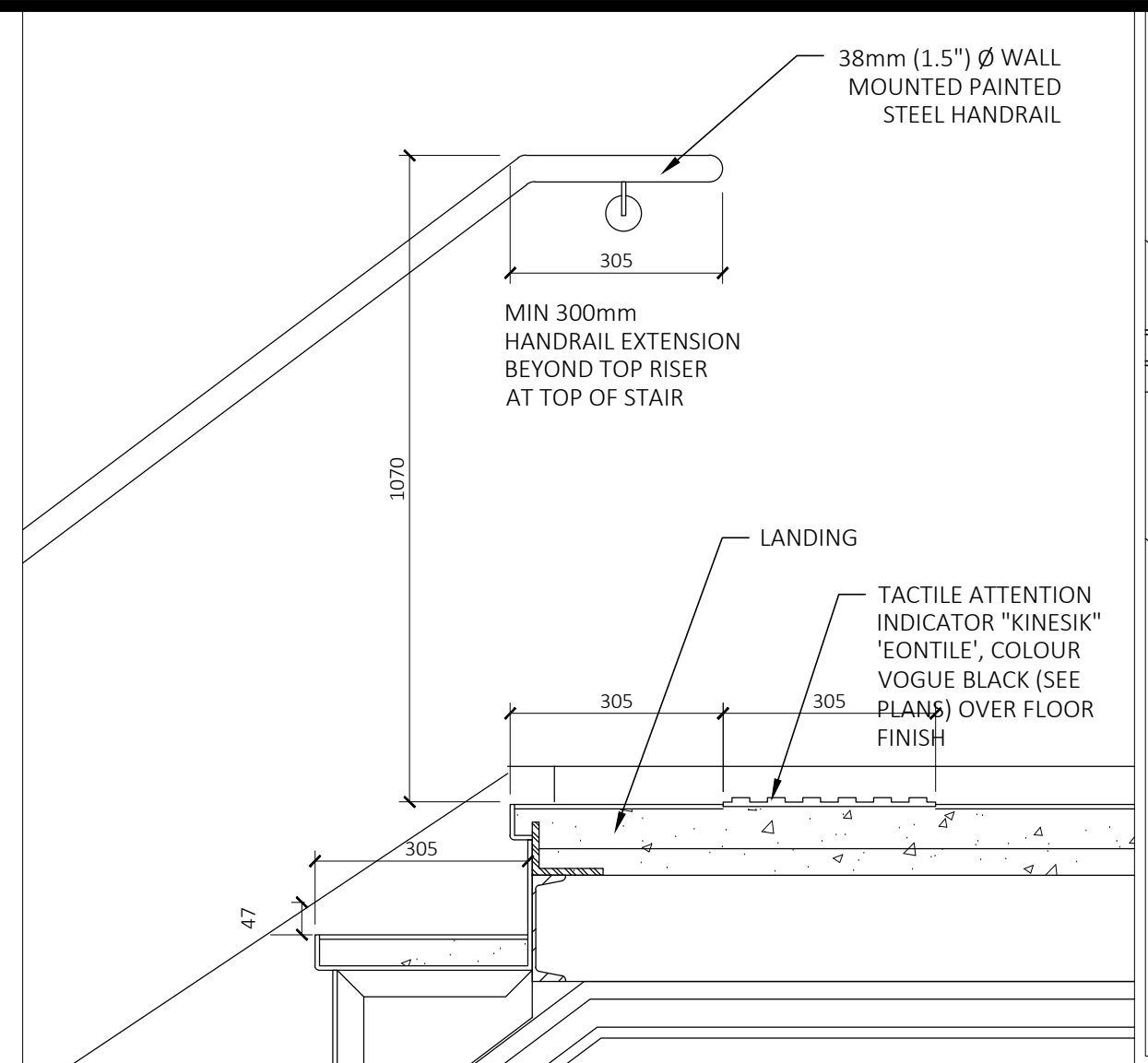
4 STAIR SECTION
A5.02 SCALE: 1:50



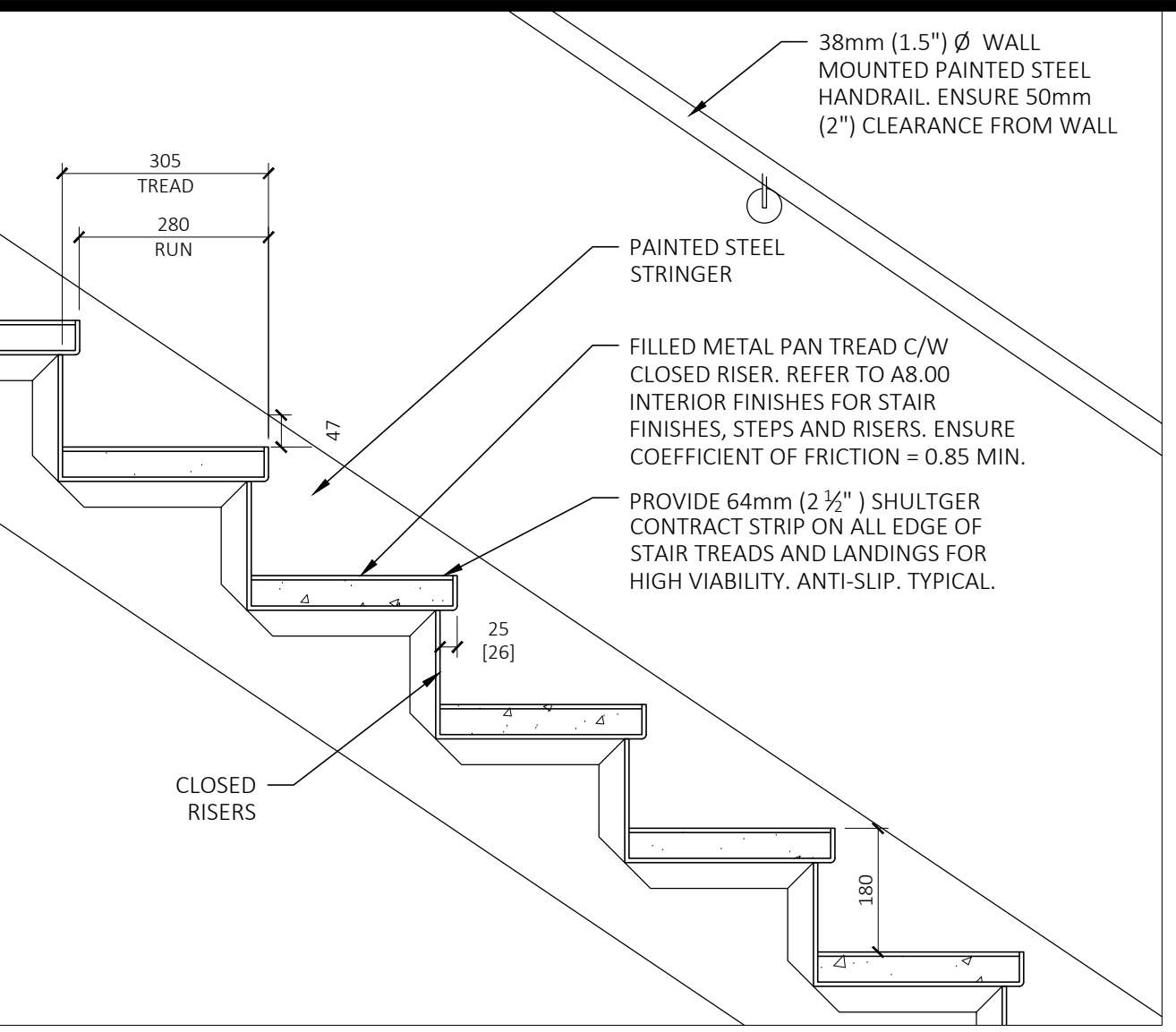
1 STAIR - GROUND FLOOR PLAN
A5.02 SCALE: 1:50



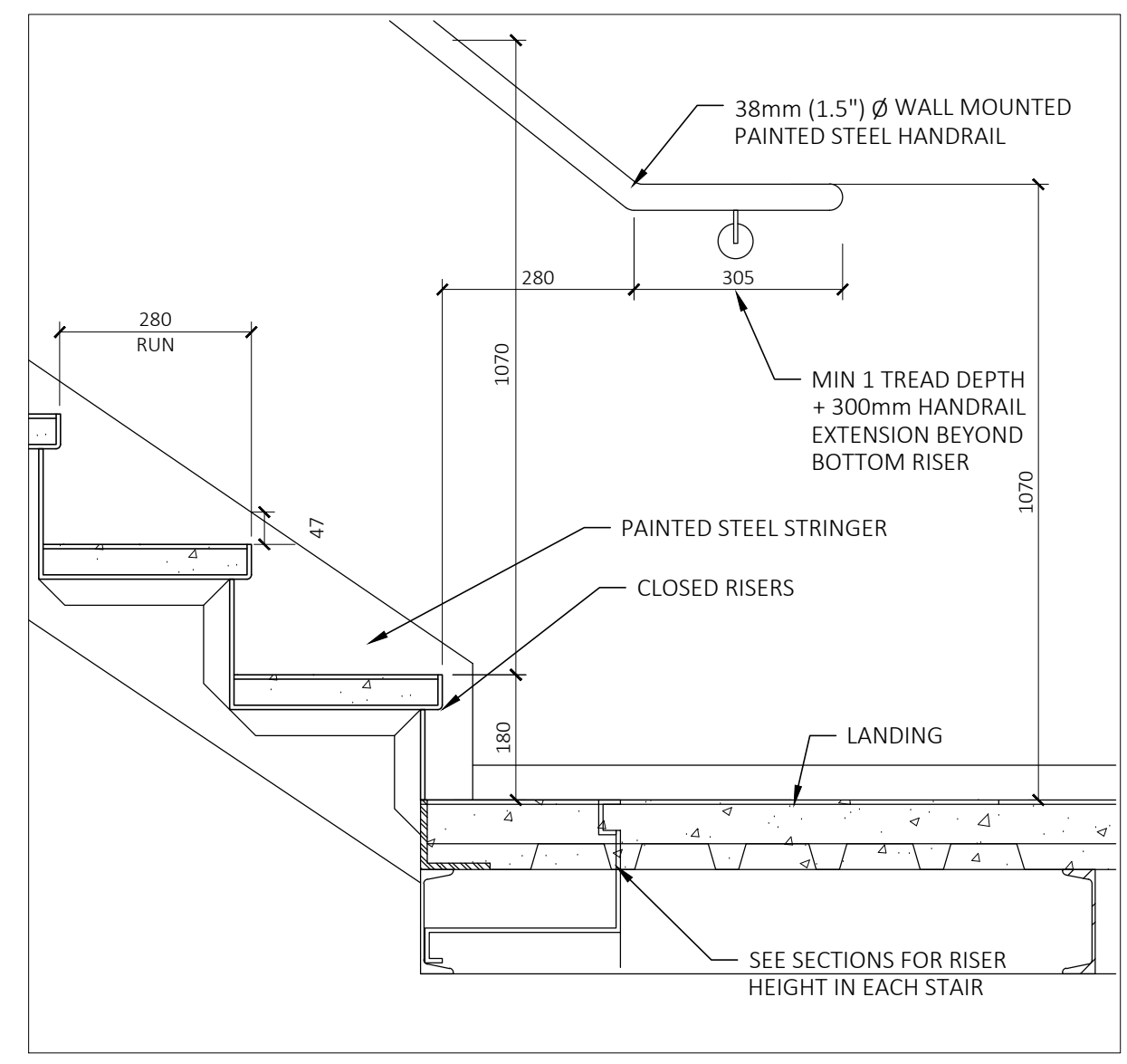
2 STAIR - MEZZANINE FLOOR PLAN
A5.02 SCALE: 1:50



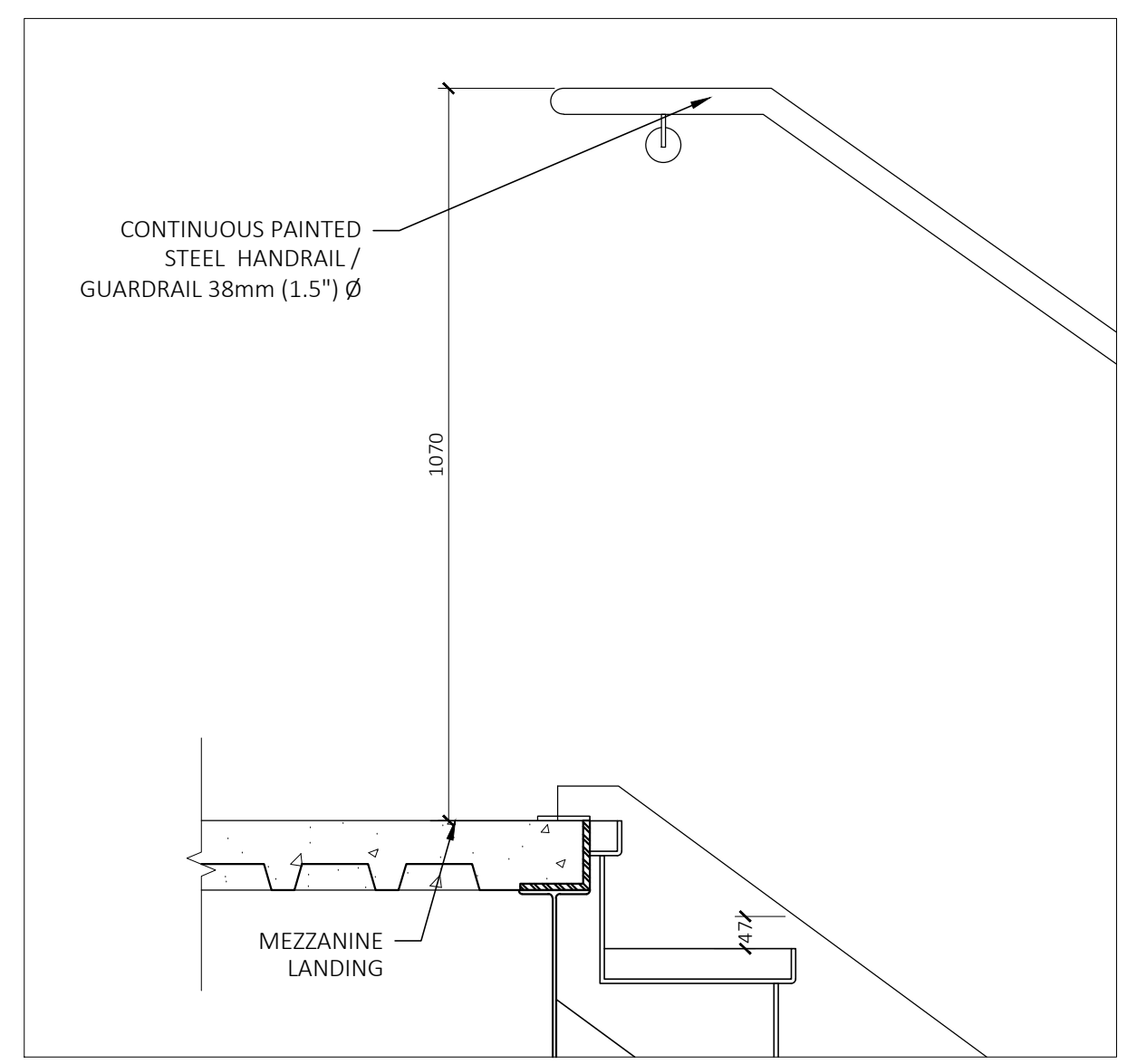
8 HANDRAIL EXTENSION @ TOP FLIGHT
A5.02 SCALE: 1:10



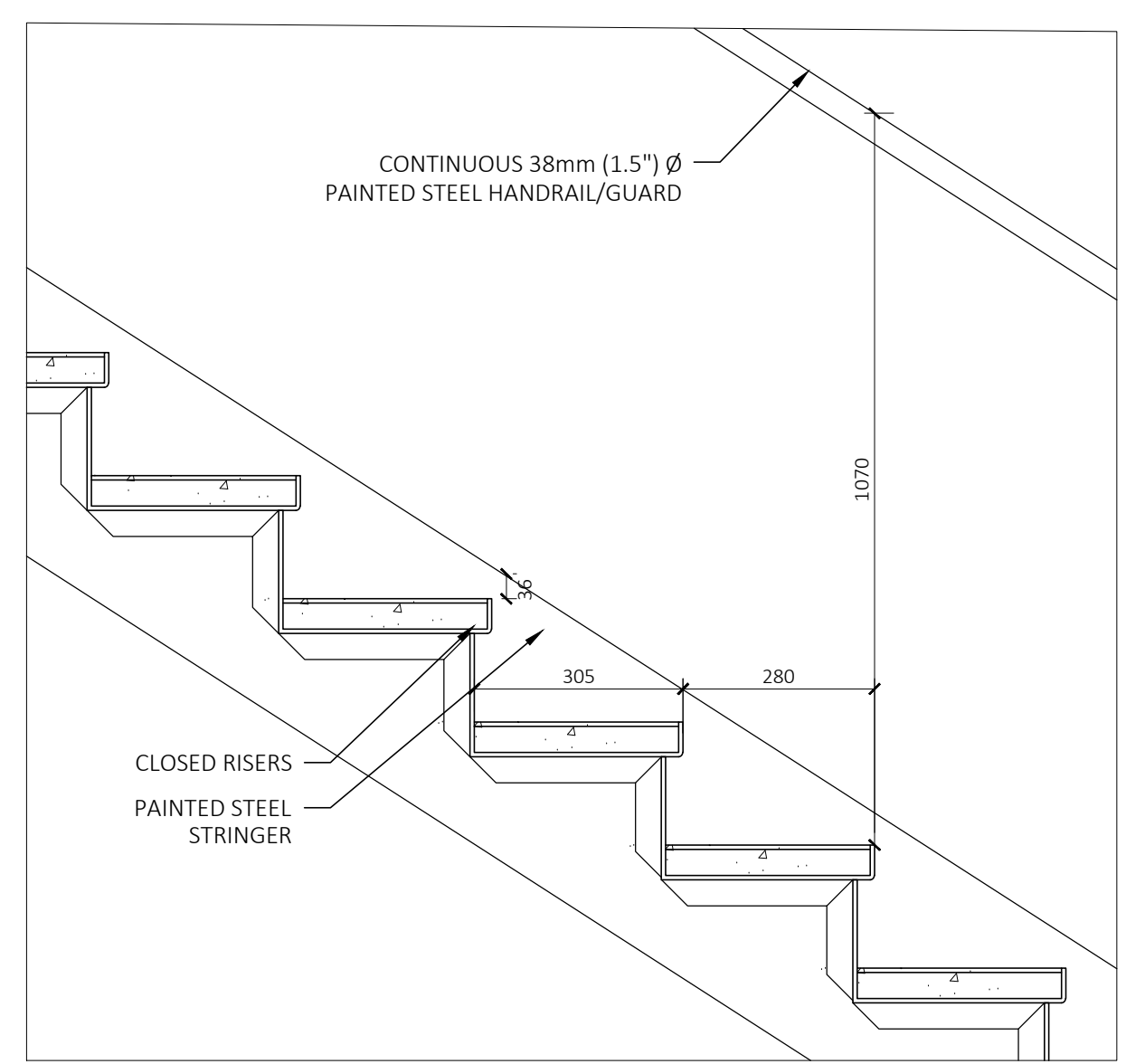
10 CLOSED RISER & TREAD DETAIL
A5.02 SCALE: 1:10



7 HANDRAIL EXTENSION @ BOTTOM FLIGHT
A5.02 SCALE: 1:10



9 GUARDRAIL DETAIL
A5.02 SCALE: 1:10



6 HANDRAIL WITH PICKETS
A5.02 SCALE: 1:10

- GC TO PROVIDE SHOP DRAWINGS STAMPED AND SIGNED BY A STRUCTURAL ENGINEER REGISTERED IN THE PROVINCE OF ONTARIO FOR ALL STAIR/LADDER, HANDRAIL & GUARD DESIGN, ANCHORS, CONNECTIONS & FASTENINGS AS PER APPLICABLE CODES. PRIOR TO CONSULTANT REVIEW AND FABRICATION.
- ALL STAIR TREADS COEFFICIENT OF FRICTION TO BE MINIMUM 0.85.
- PROVIDE 2 1/2" (64mm) SCHULTER ALUMINUM BLACK CONTRASTING COLOUR STRIP TO DEMARCATTE ALL STAIR LANDING AND NOSING EDGES FOR HIGHER VISIBILITY. CONTRASTING STRIP TO BE ANTI SLIP FOR METAL.
- TACTILE ATTENTION INDICATORS AT ALL LANDINGS TO BE FLAT PLATE TO START ONE TREAD DEPTH BACK FROM EDGE OF TOP STAIR. 1" (305mm) MIN. AND 2" (610mm) MAX. DEPTH. "KINESIK" EONTILE COLOUR VOGUE BLACK.
- ALL GUARDRAILS TO BE PAINTED MINIMUM HEIGHT 1070mm A.F.F.
- REFER TO SECTIONS FOR LOCATION OF OPEN OR CLOSED RISERS.
- ENSURE CONTINUITY OF FIRE SEPARATION AROUND STAIRS.
- PROVIDE FIRE STOP CAULKING AT ALL SERVICE PENETRATIONS THROUGH REQUIRED FIRE SEPARATIONS INCLUDING WIRING FOR PULL STATIONS, SIGNAGE, AND KEY PADS
- REFER STRUCTURAL DRAWINGS FOR BEAM SPEC AND STRUCTURAL SUPPORT.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 06 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 05 | ISSUED FOR PTA#1 | 2023-06-01 |
| 04 | ISSUED FOR PERMIT | 2023-04-14 |
| 03 | ISSUED FOR ADDENDUM #4 | 2023-03-30 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

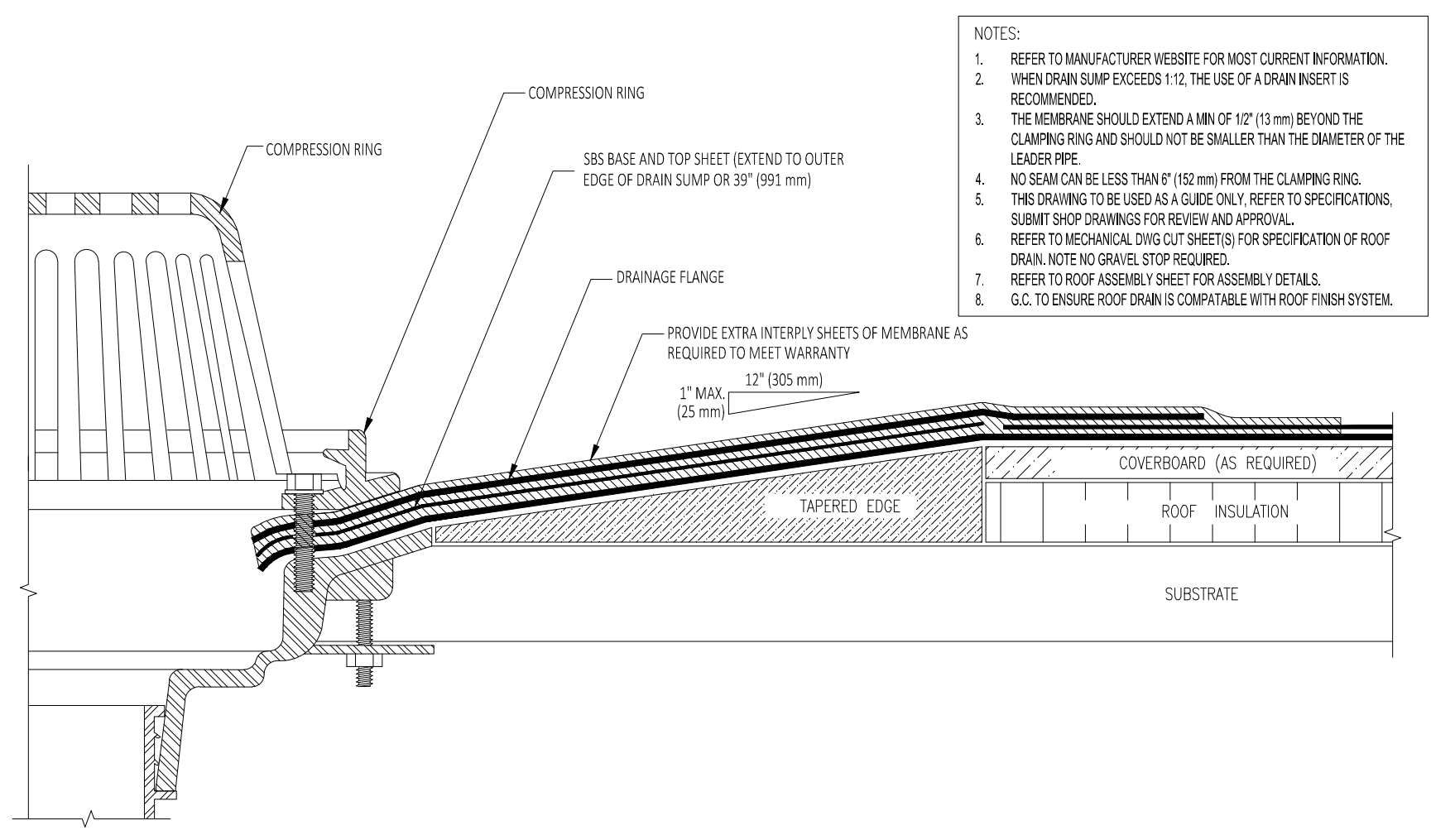
ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 McADOO'S LANE
KINGSTON

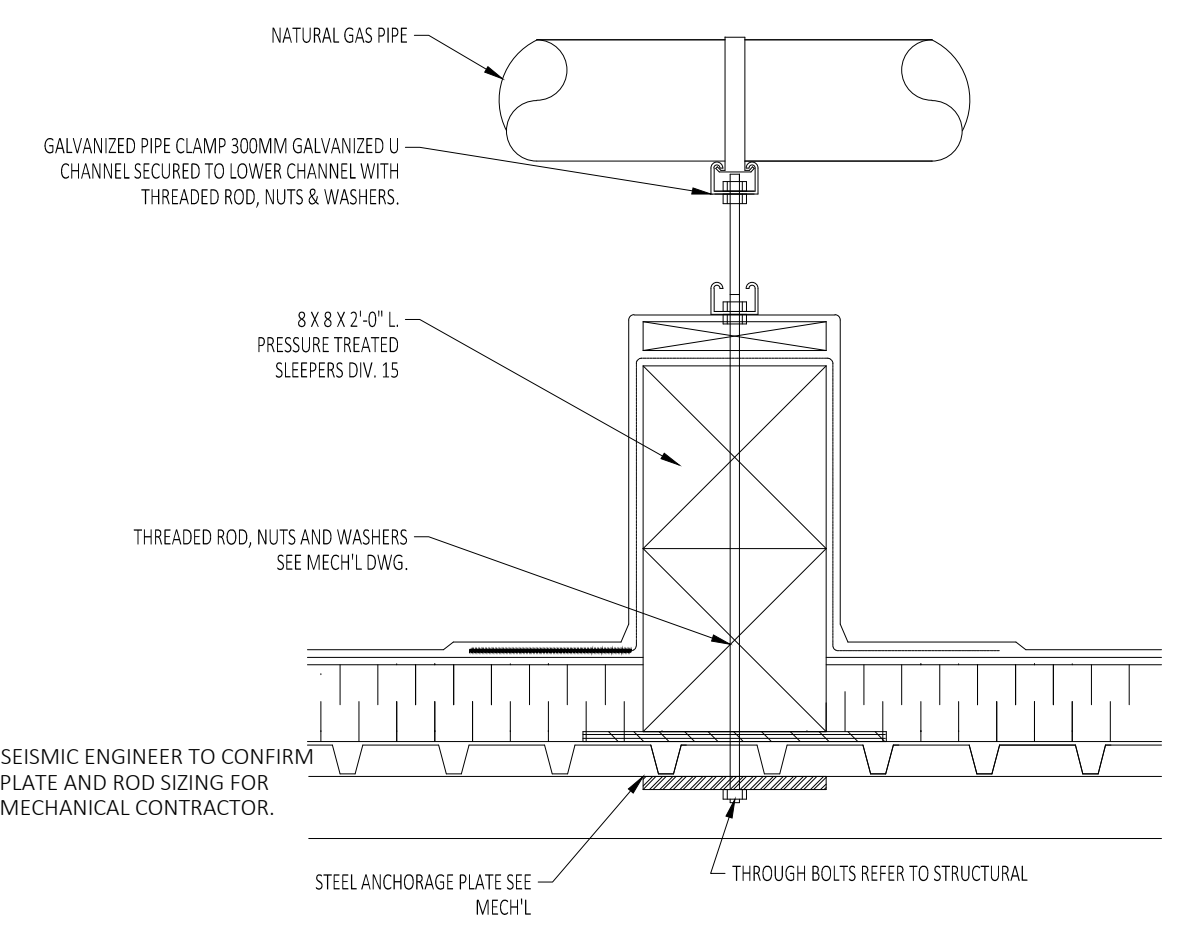
OFFICE FILE NUMBER 20014

TITLE OF DRAWING
**STAIRS PLAN, ELEVATIONS
SECTIONS & DETAILS**

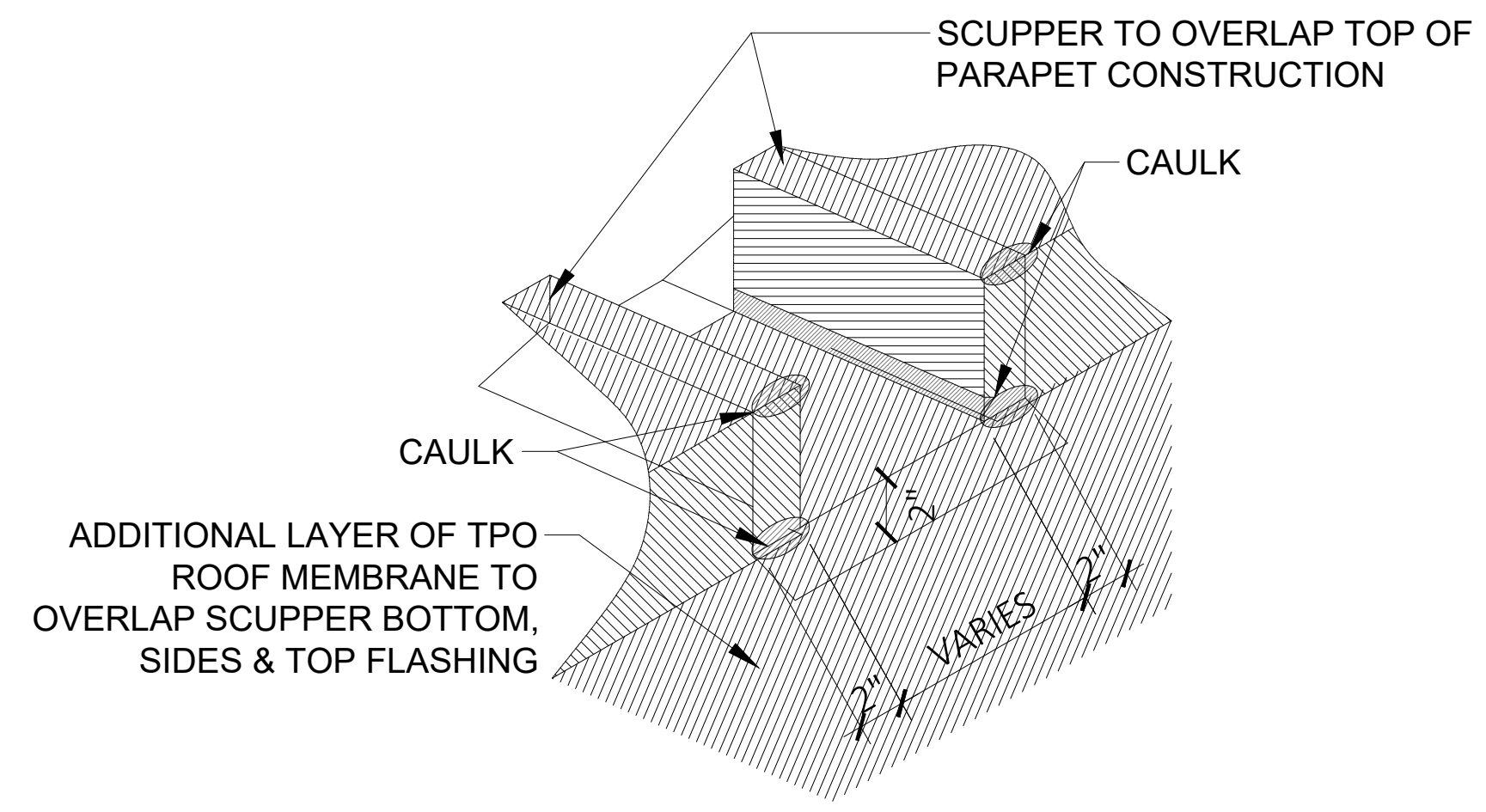
SCALE: 1:25
DATE: JUN 2022
DRAWN BY: LE, SH
DRAWING # **A5.02**



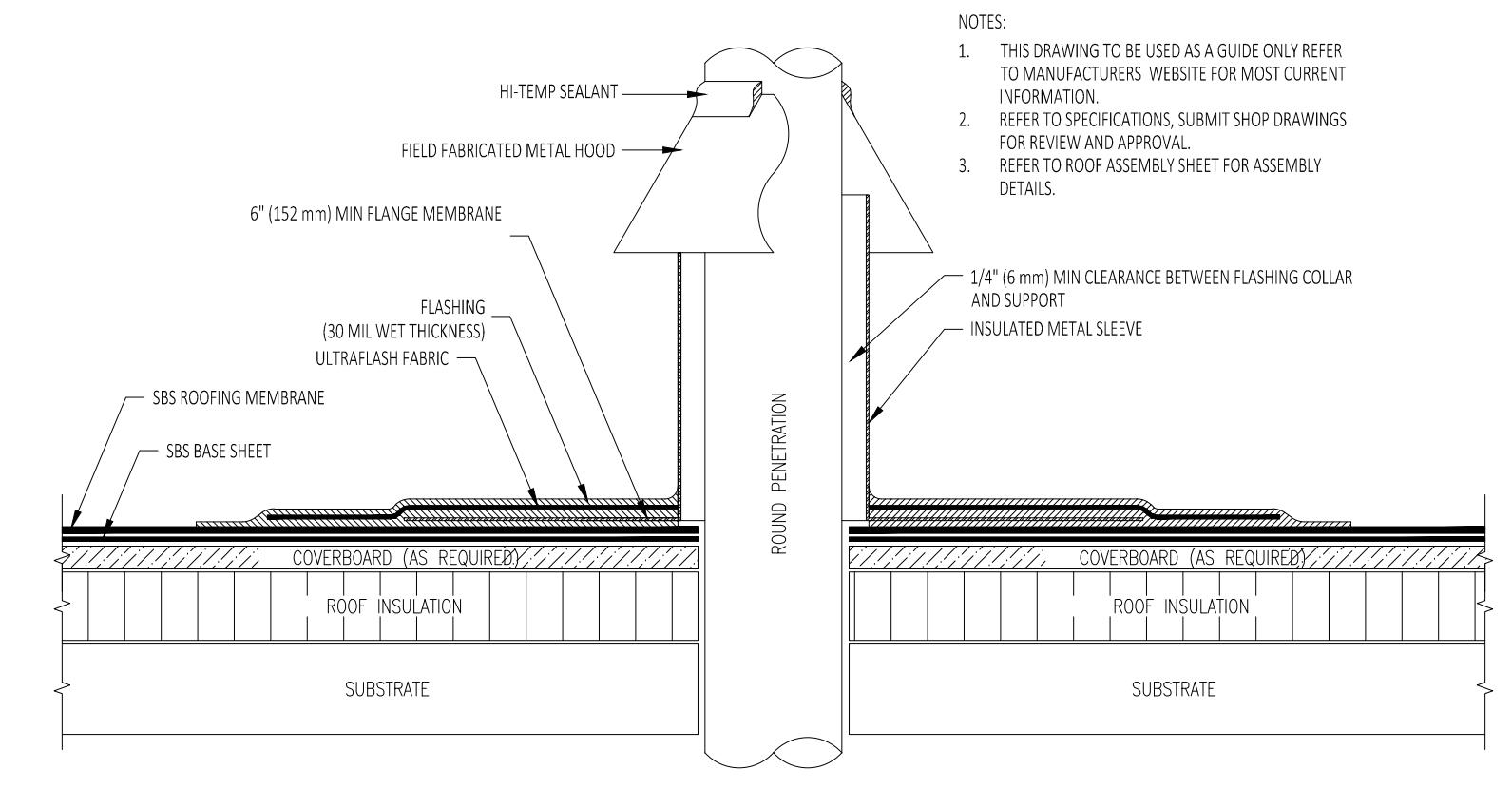
4 ROOF DRAIN TYPICAL
A5.03 SCALE: N.T.S.



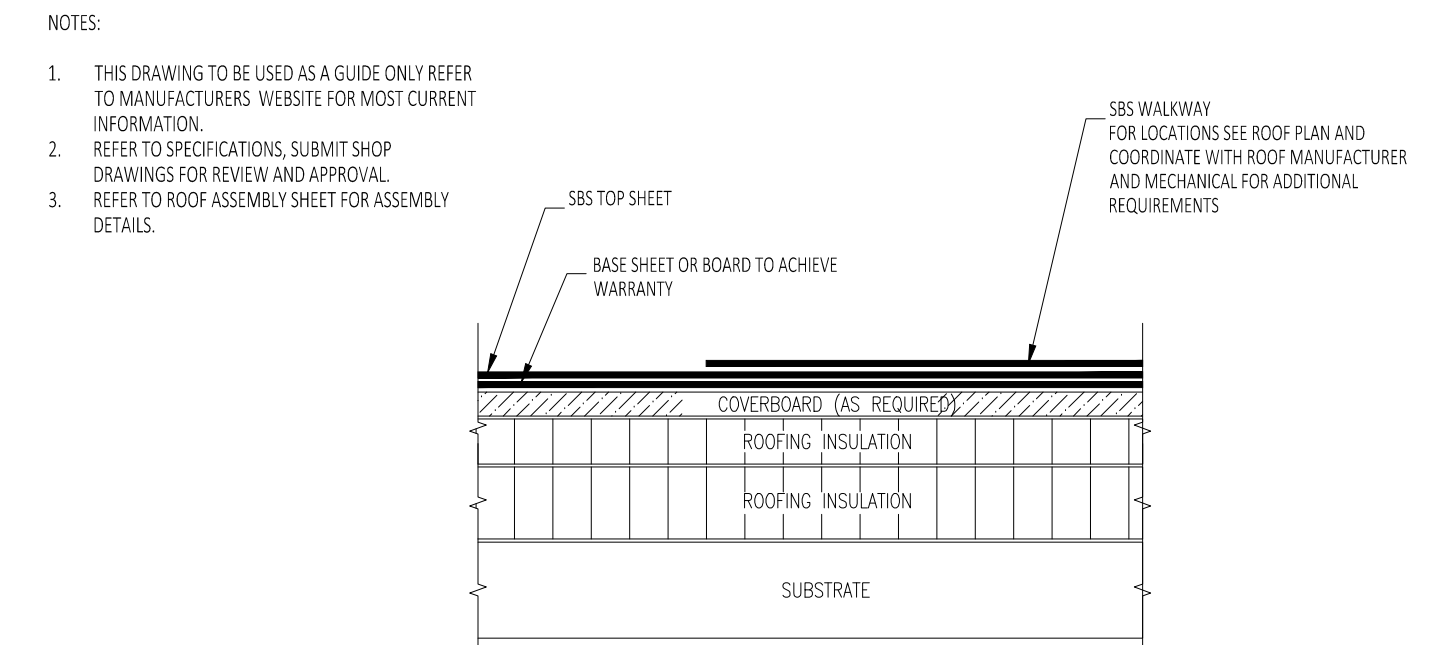
8 SEISMIC GAS PIPE SUPPORT DETAIL
A5.03 SCALE: N.T.S.



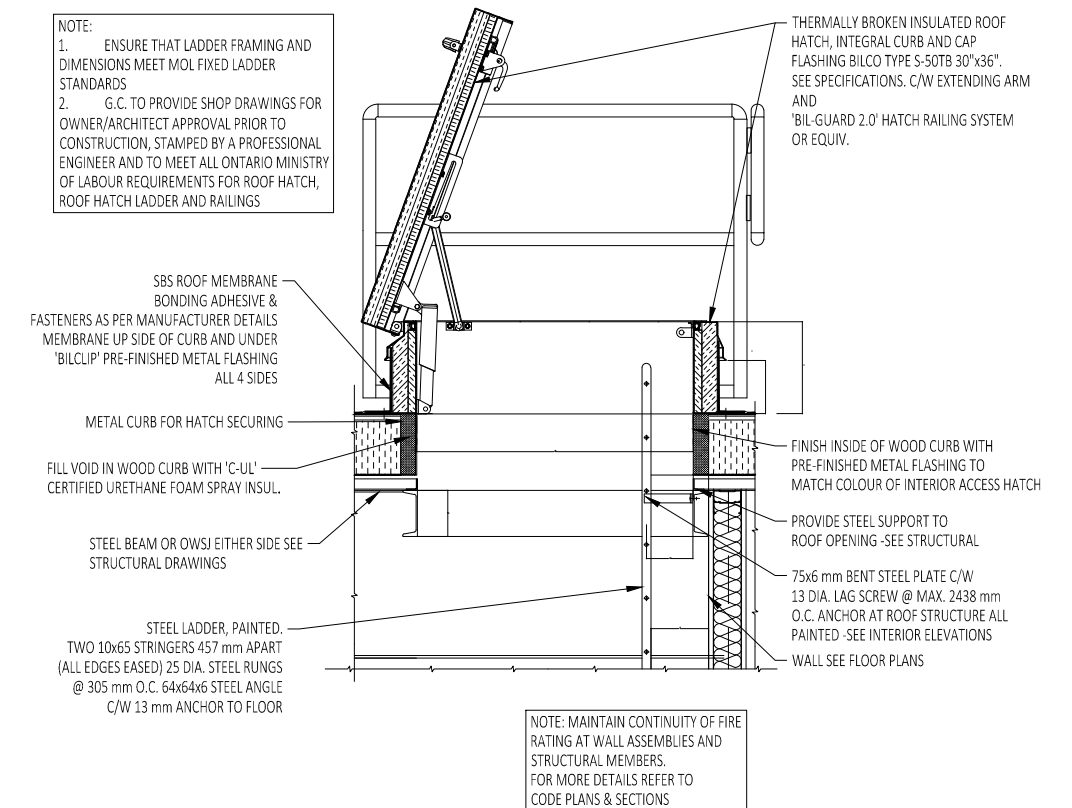
11 SCUPPER VIEW
A5.03 SCALE: N.T.S.



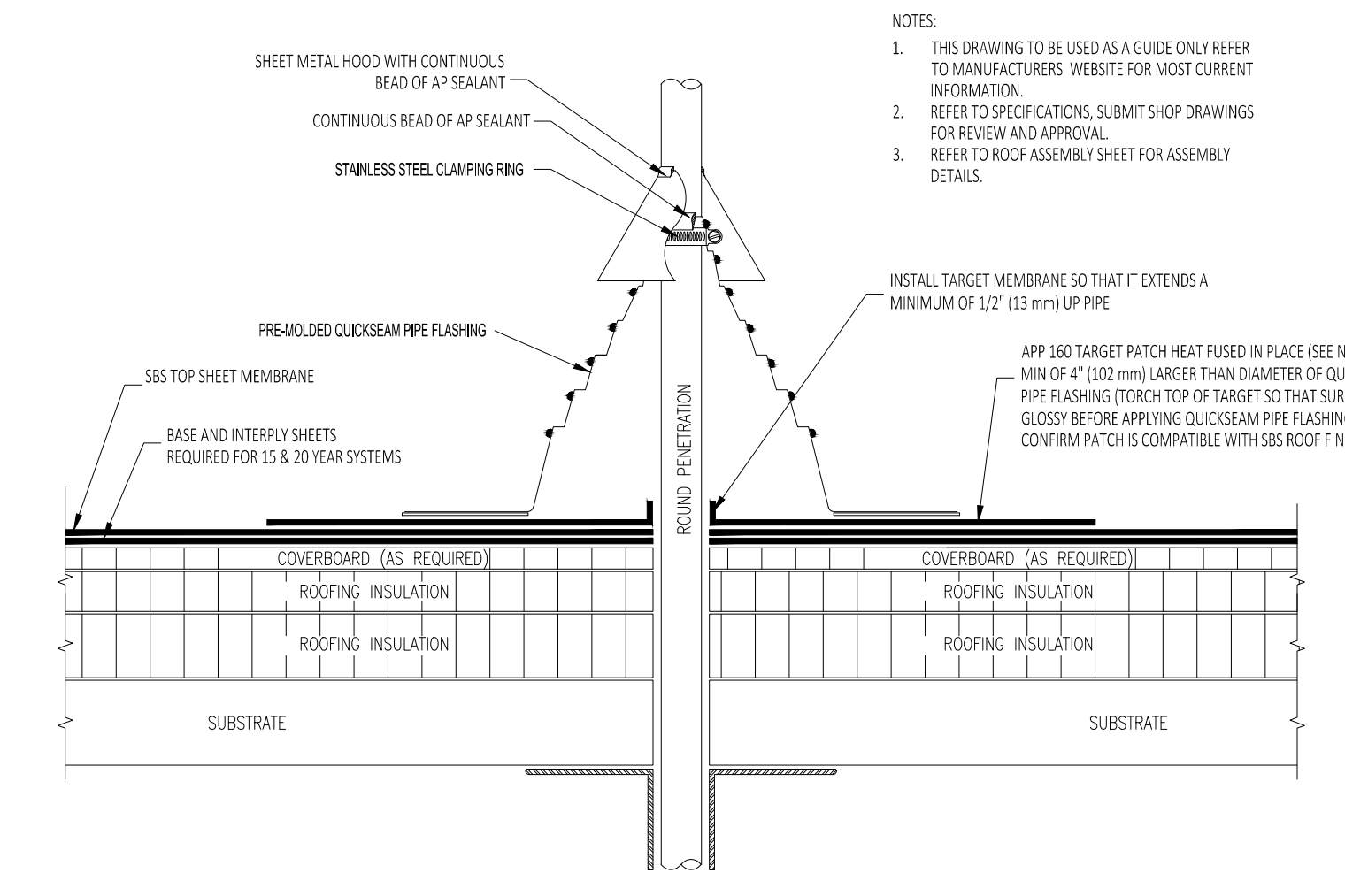
3 ROOF PENETRATION (LARGE PIPE)
A5.03 SCALE: N.T.S.



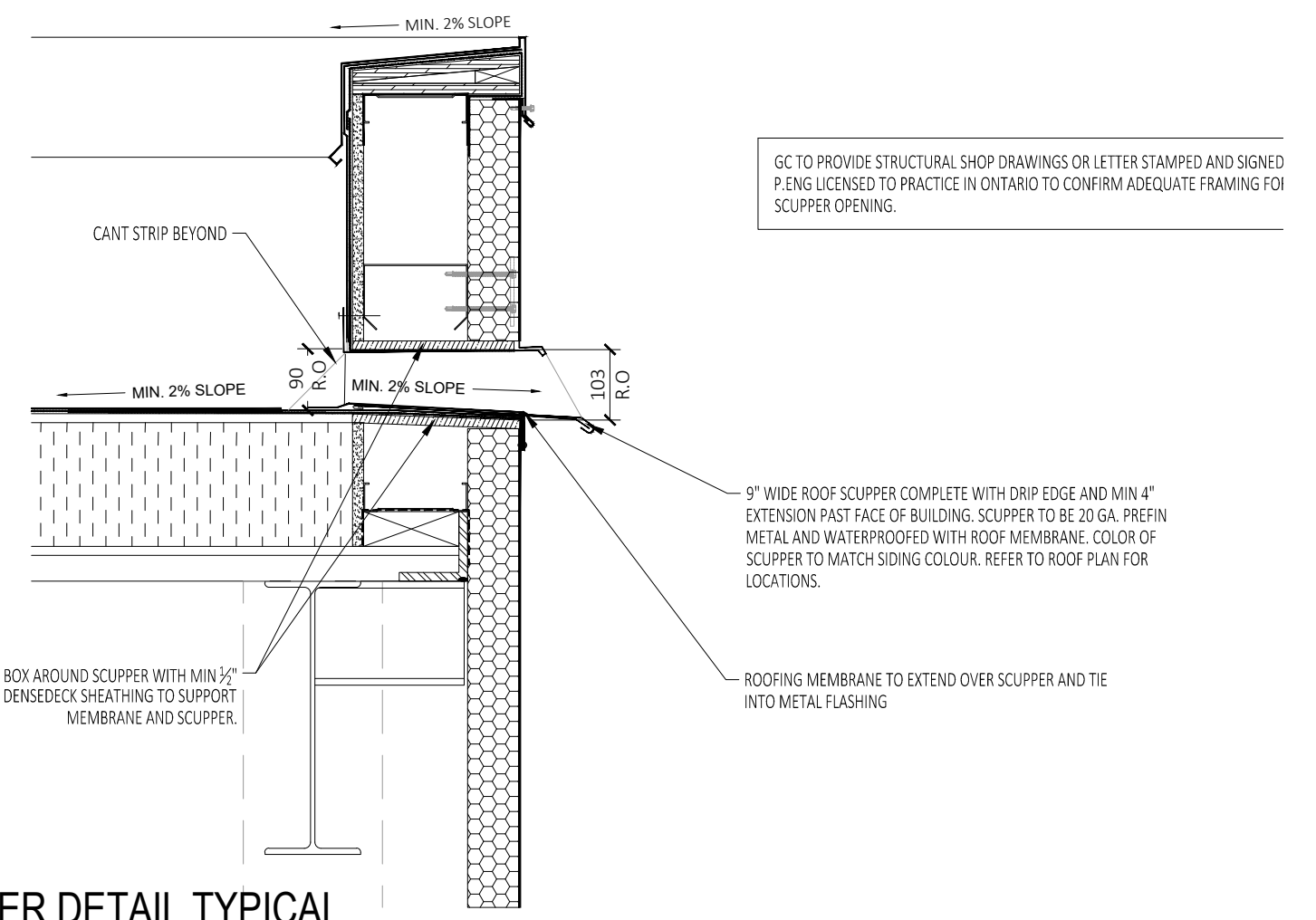
7 ROOF WALKWAY
A5.03 SCALE: N.T.S.



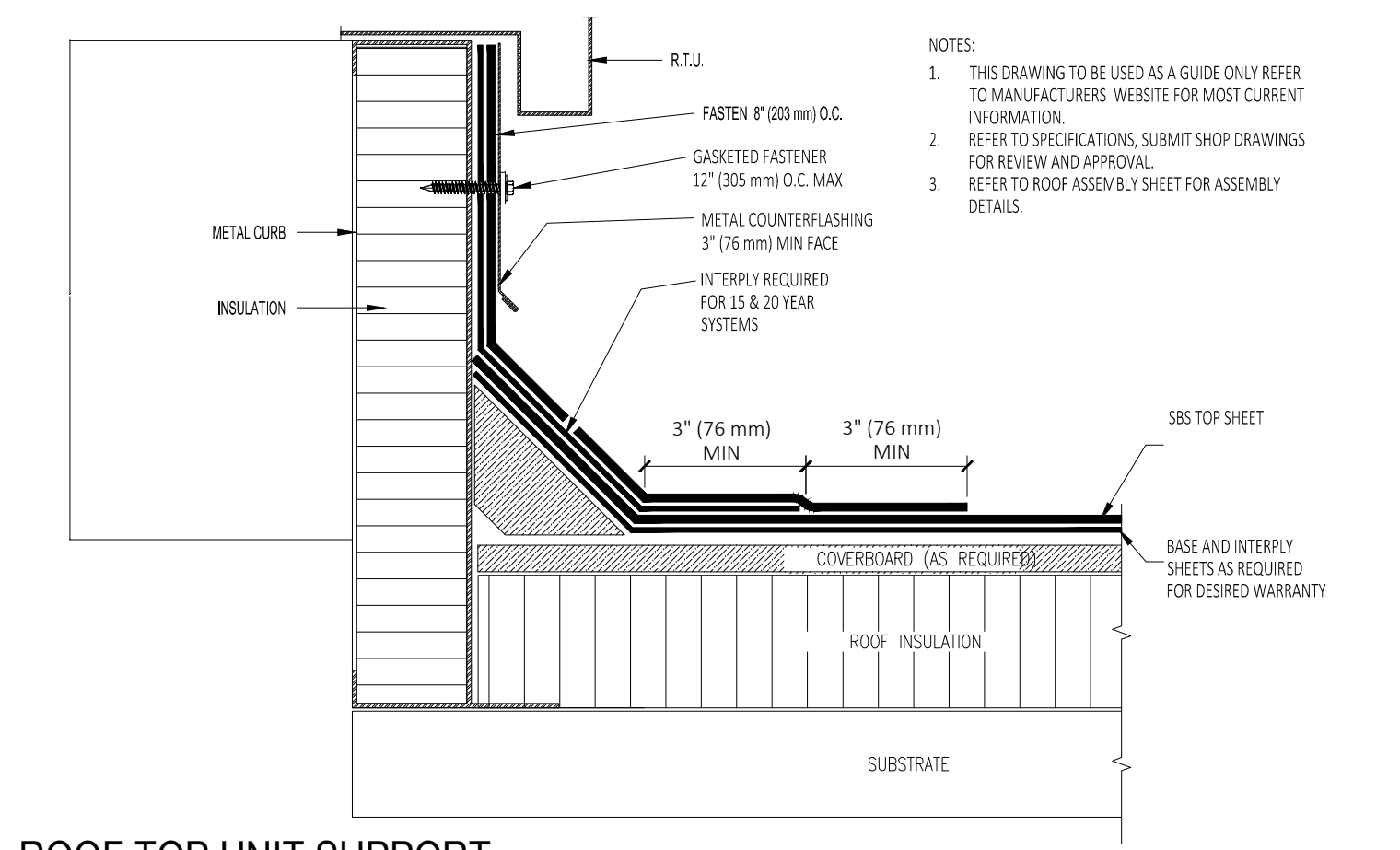
10 ROOF HATCH SECTION
A5.03 SCALE: N.T.S.



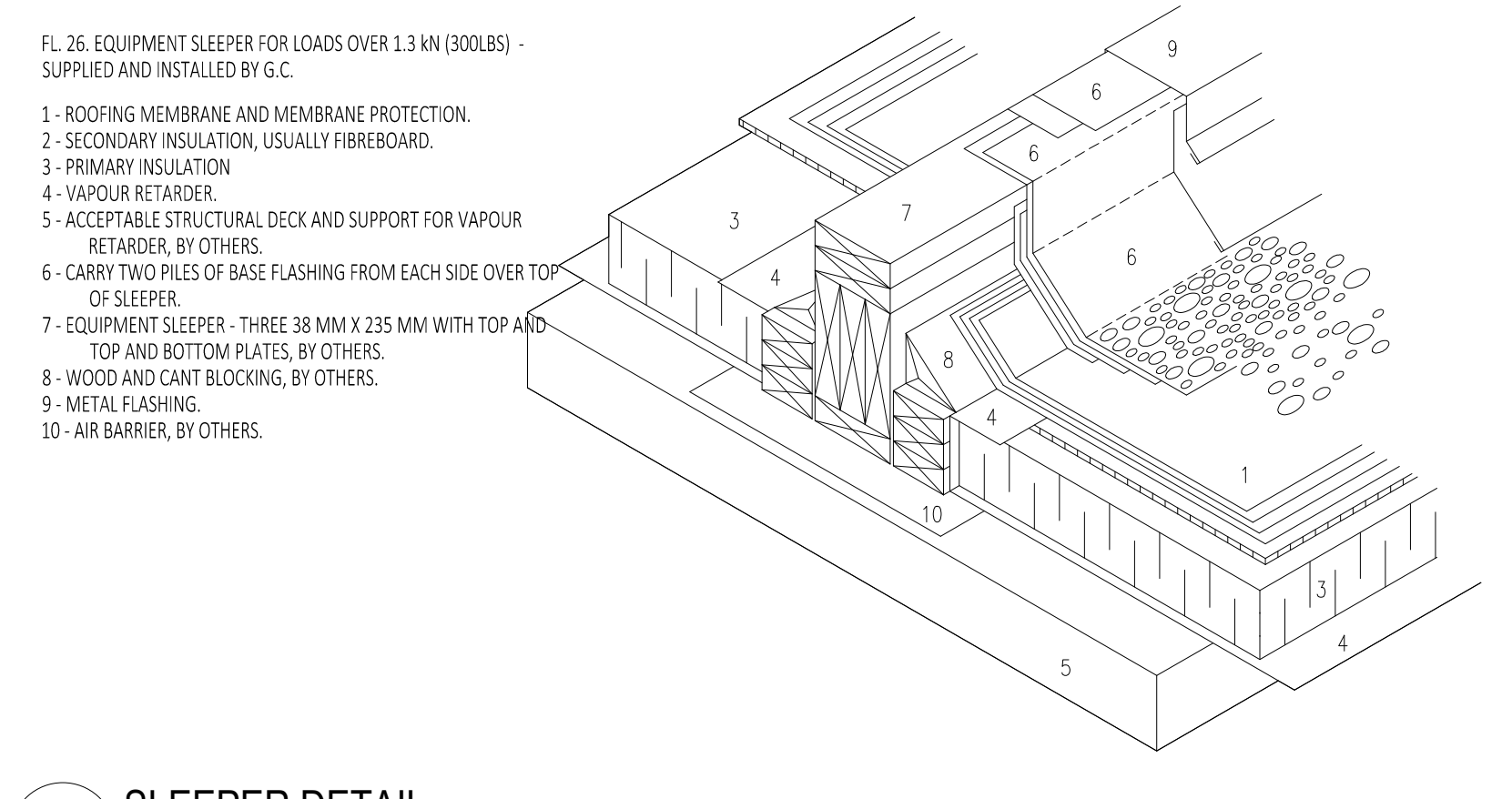
2 ROOF PENETRATION (SMALL PIPE)
A5.03 SCALE: N.T.S.



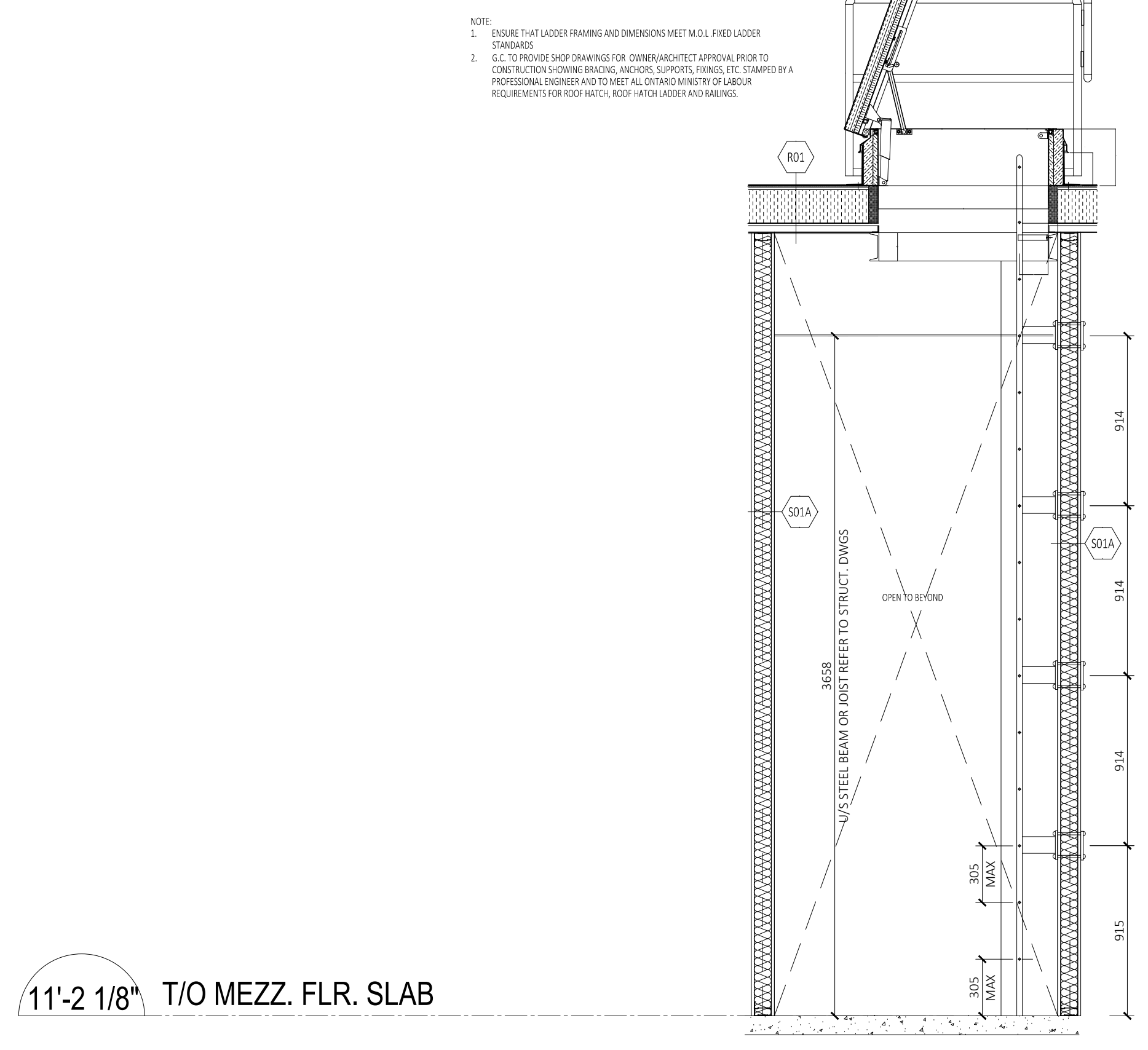
6 SCUPPER DETAIL TYPICAL
A5.03 SCALE: N.T.S.



1 ROOF TOP UNIT SUPPORT
A5.03 SCALE: N.T.S.



5 SLEEPER DETAIL
A5.03 SCALE: N.T.S.



9 ROOF ACCESS LADDER SECTION
A5.03 SCALE: N.T.S.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 03 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

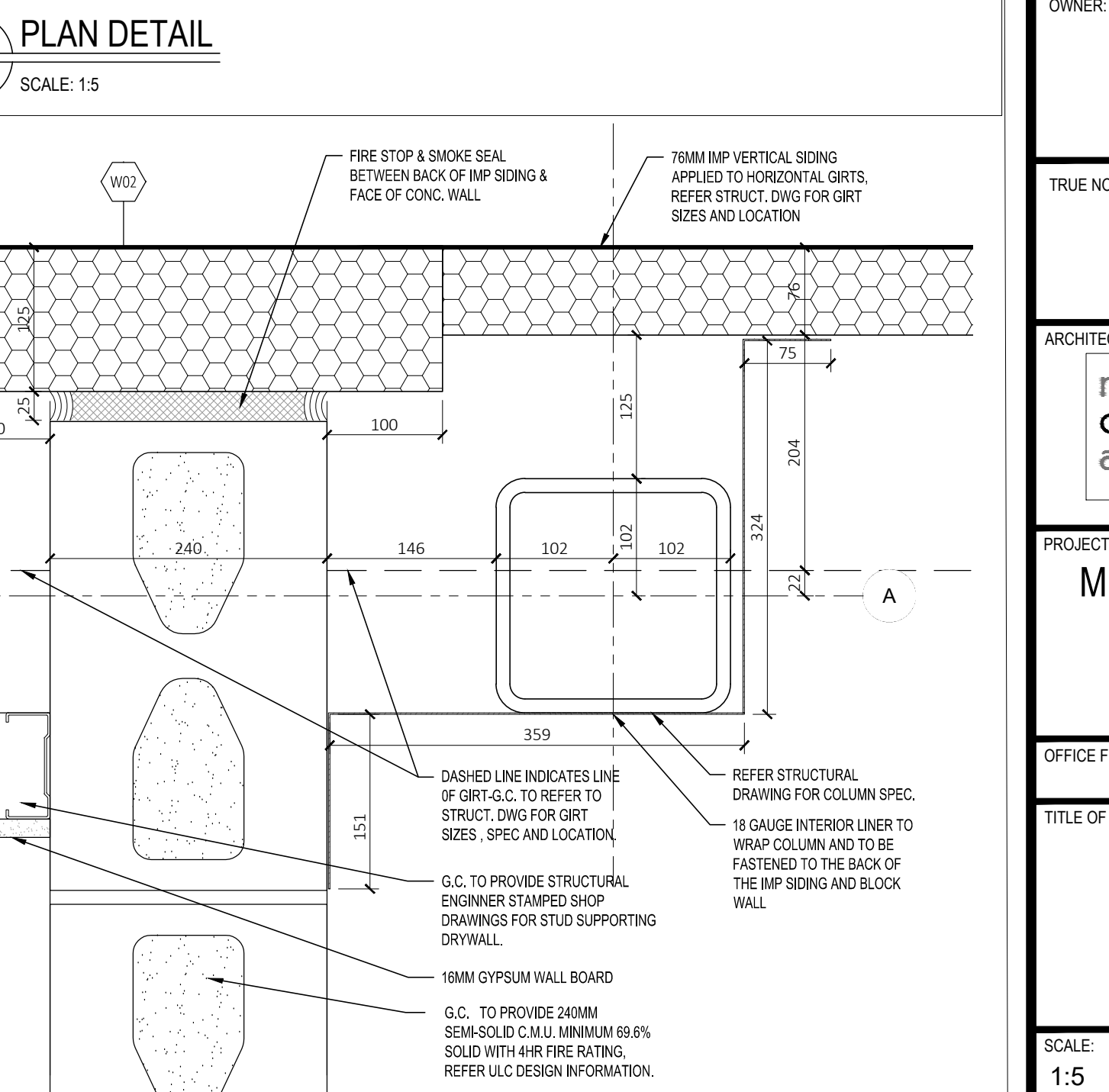
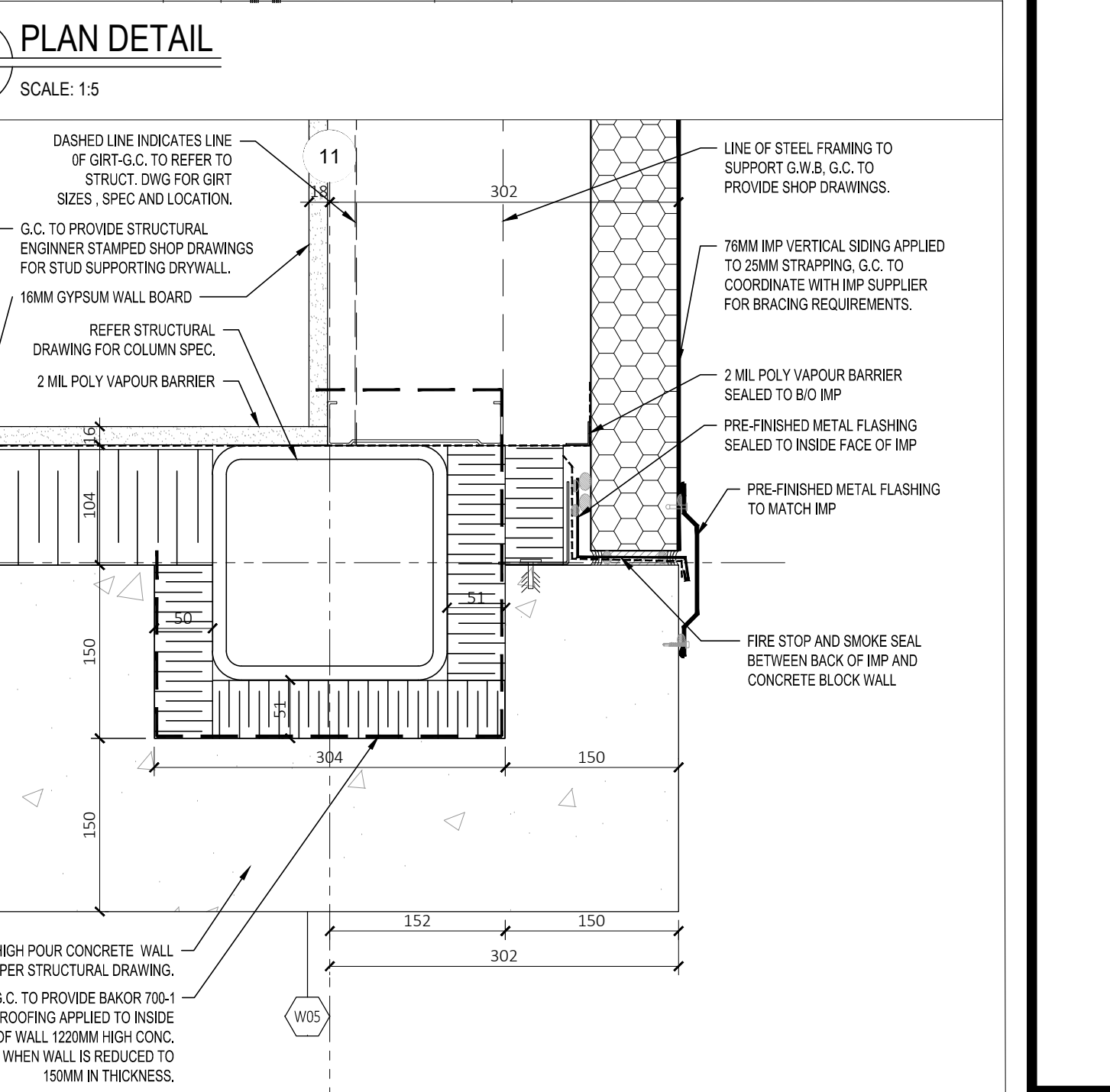
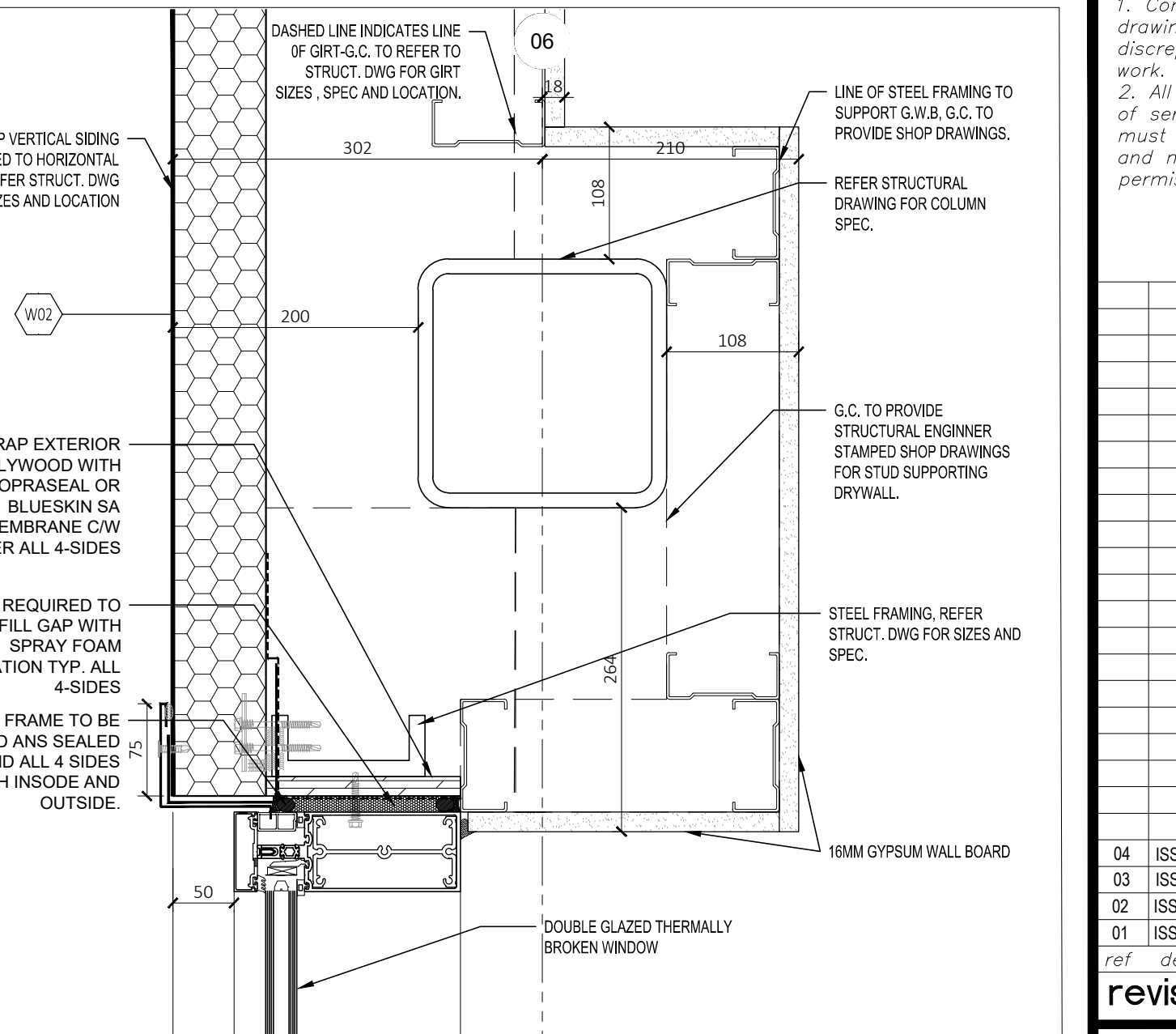
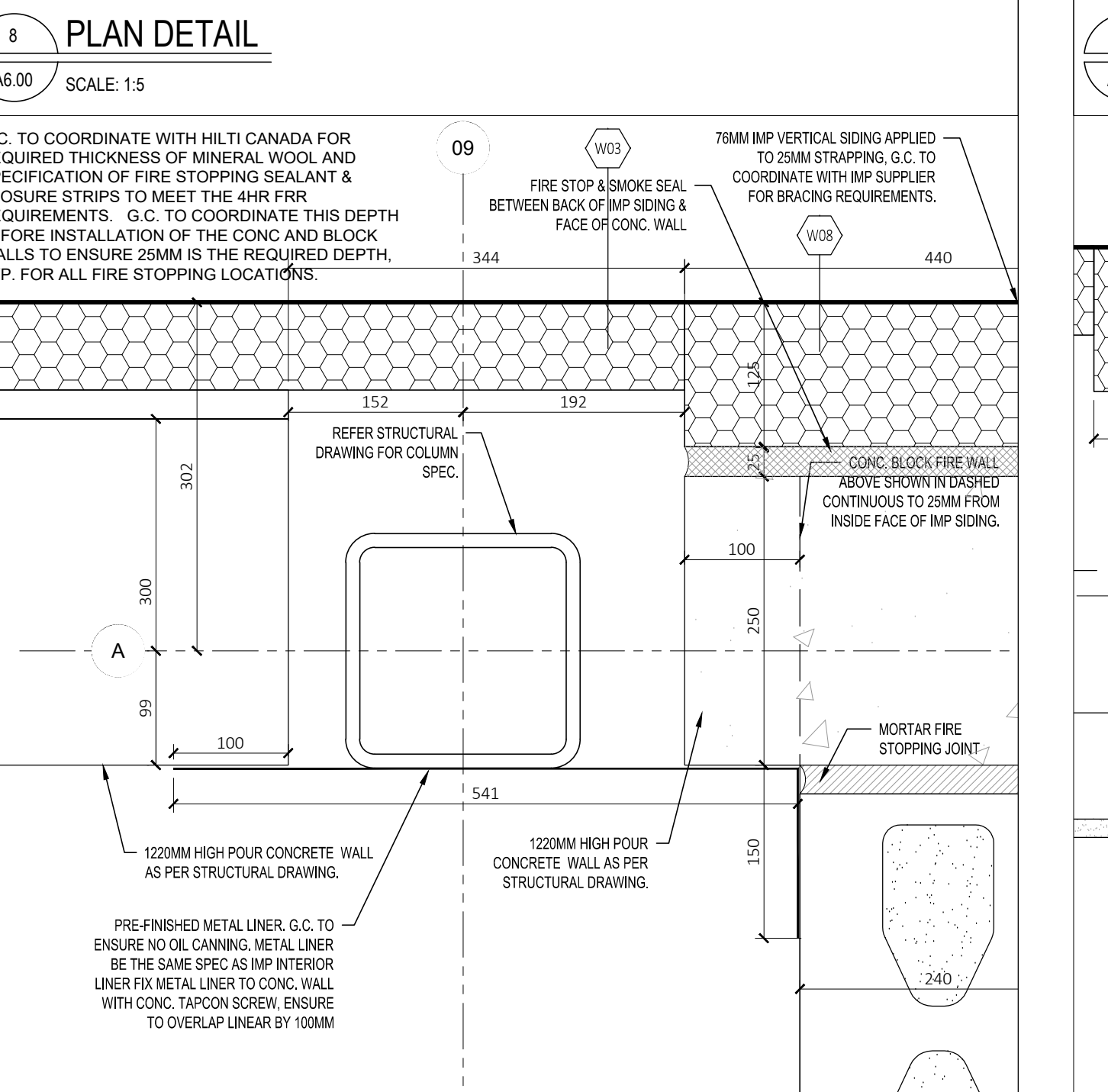
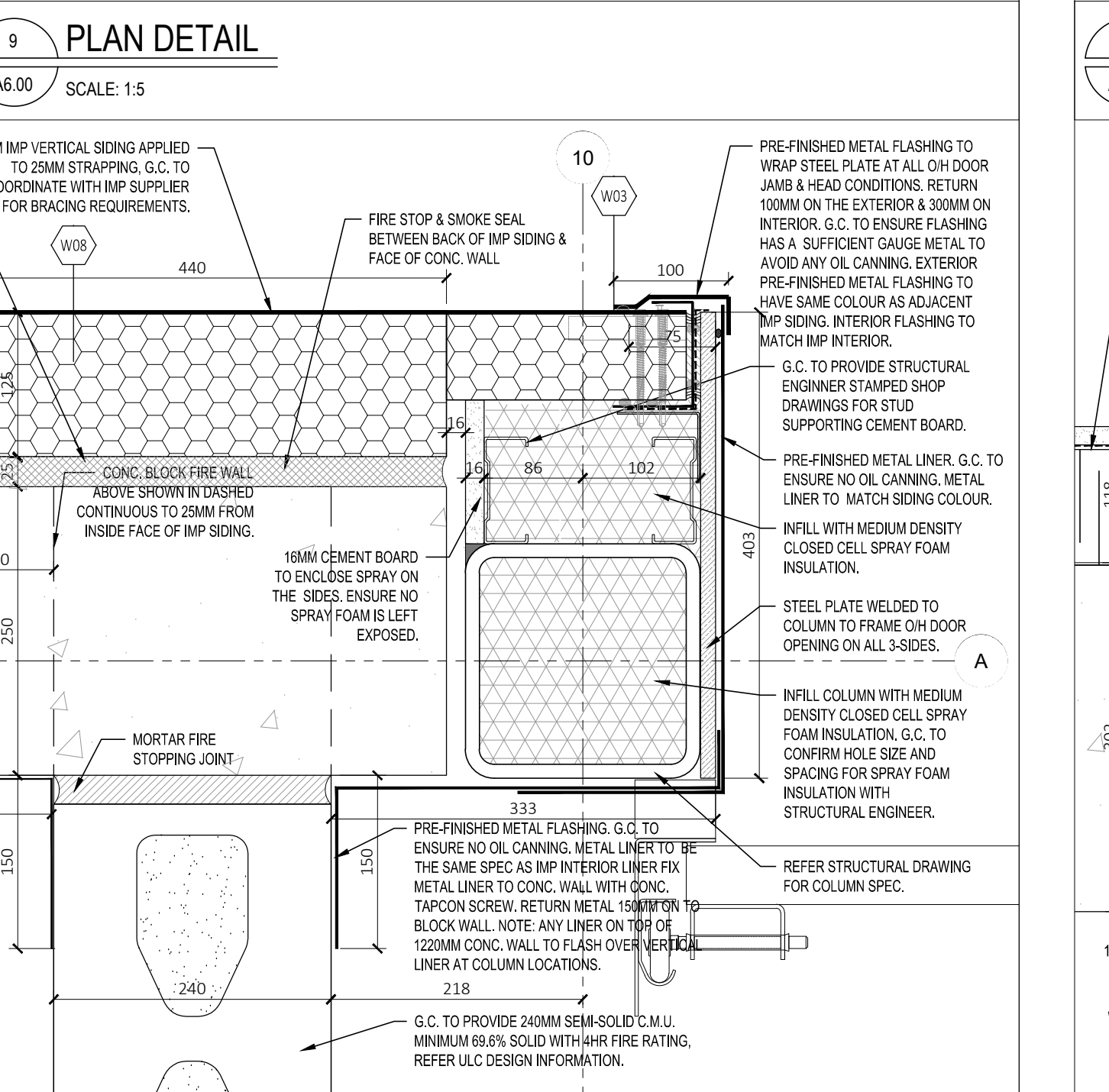
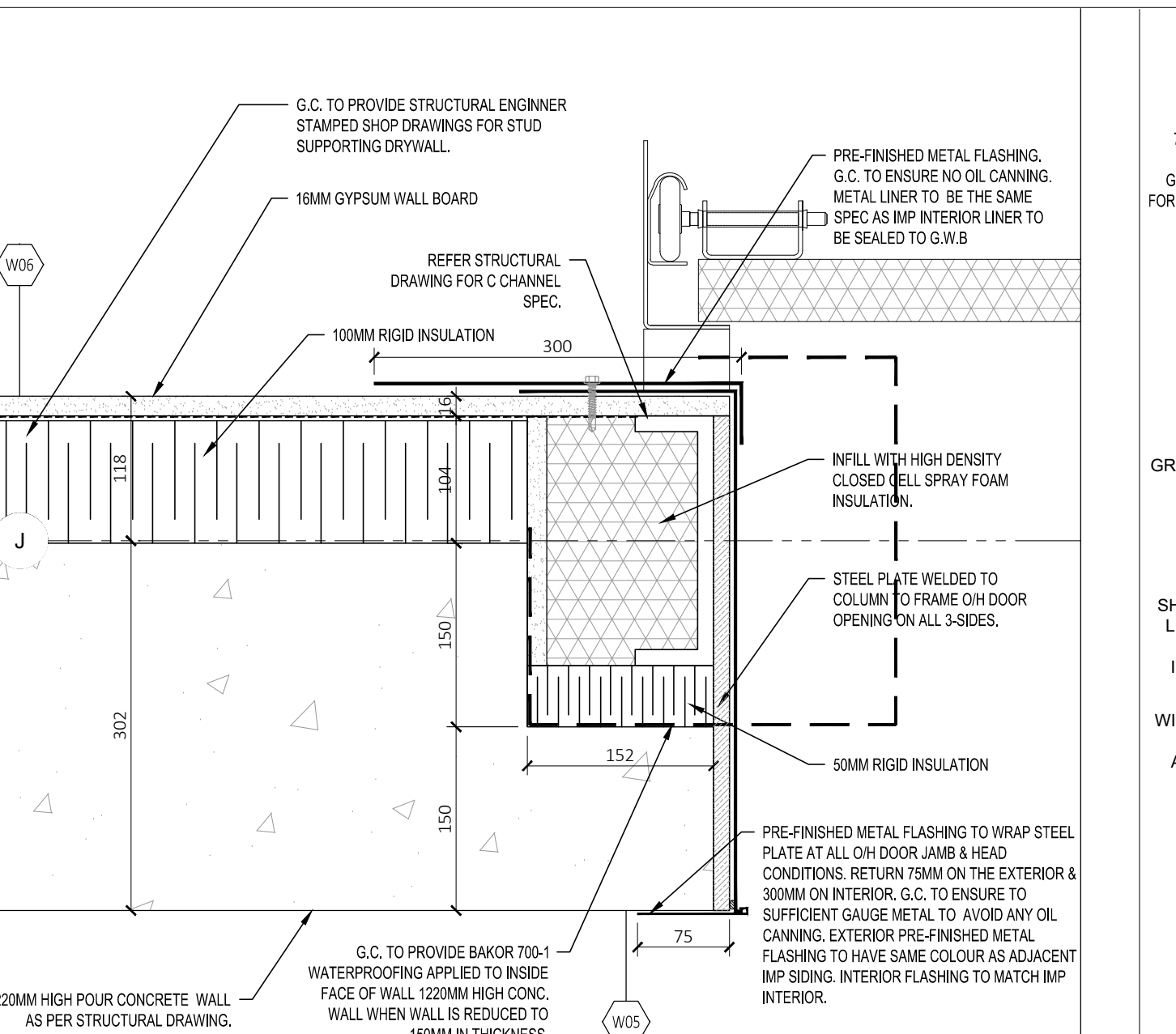
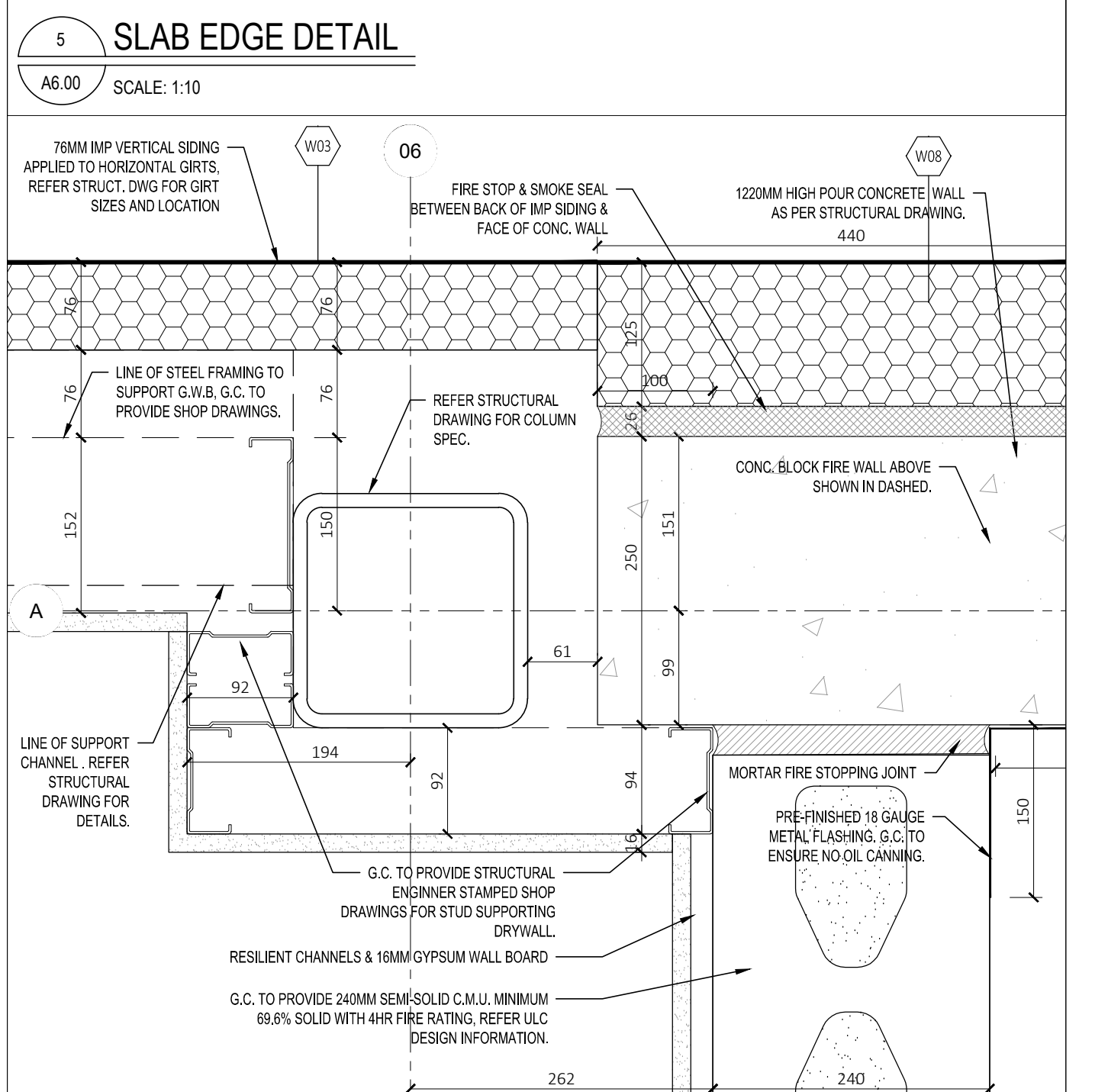
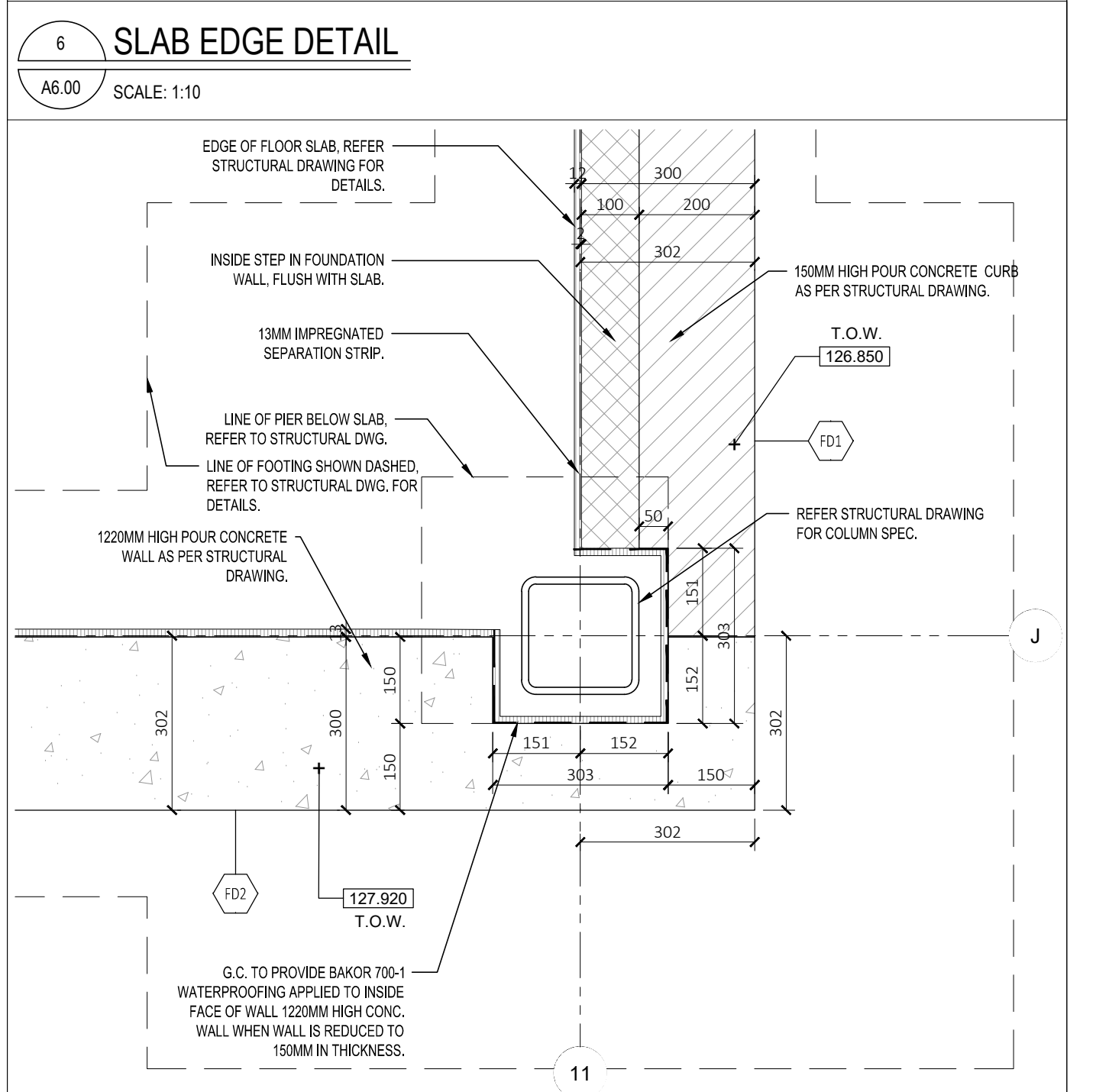
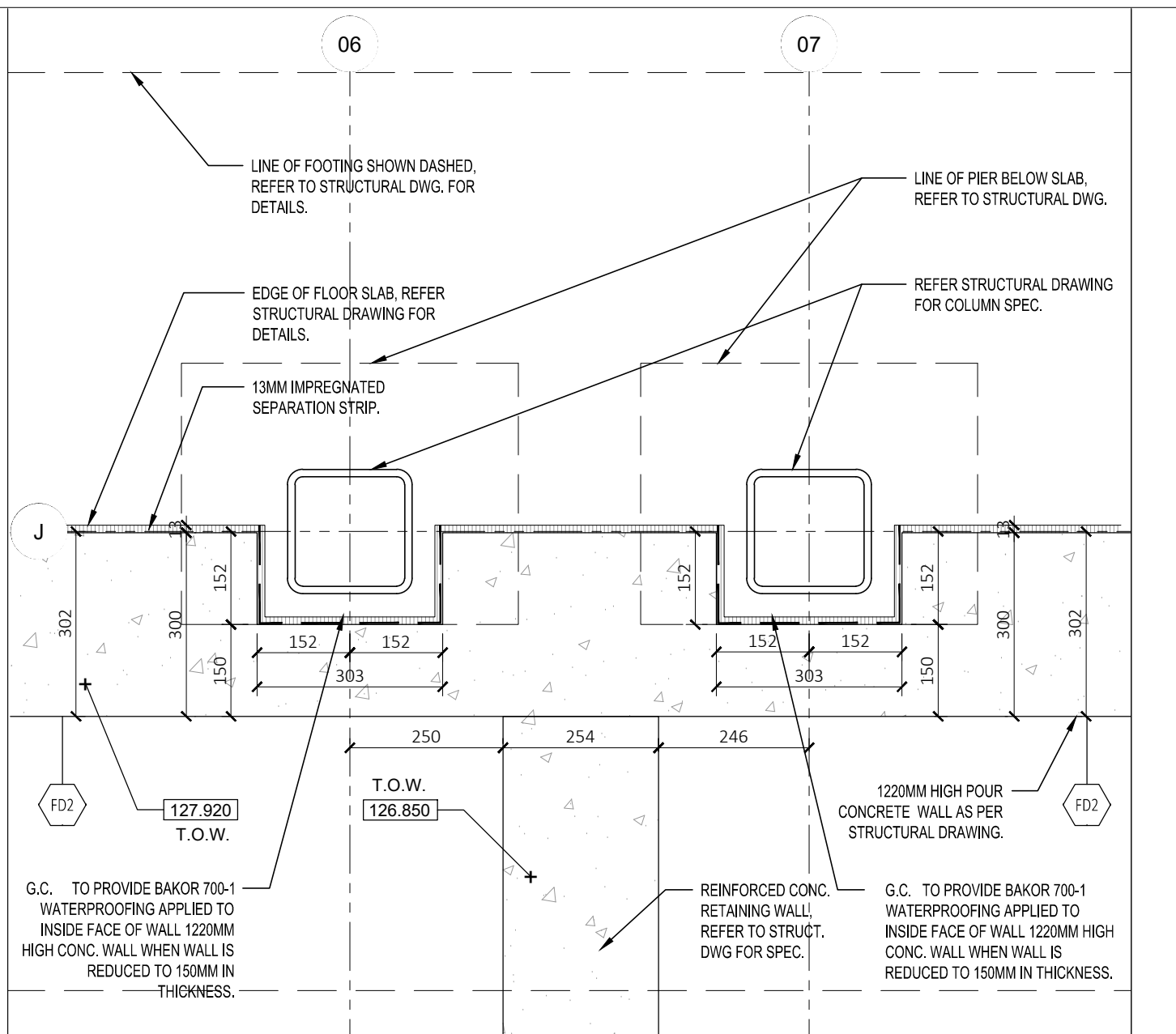
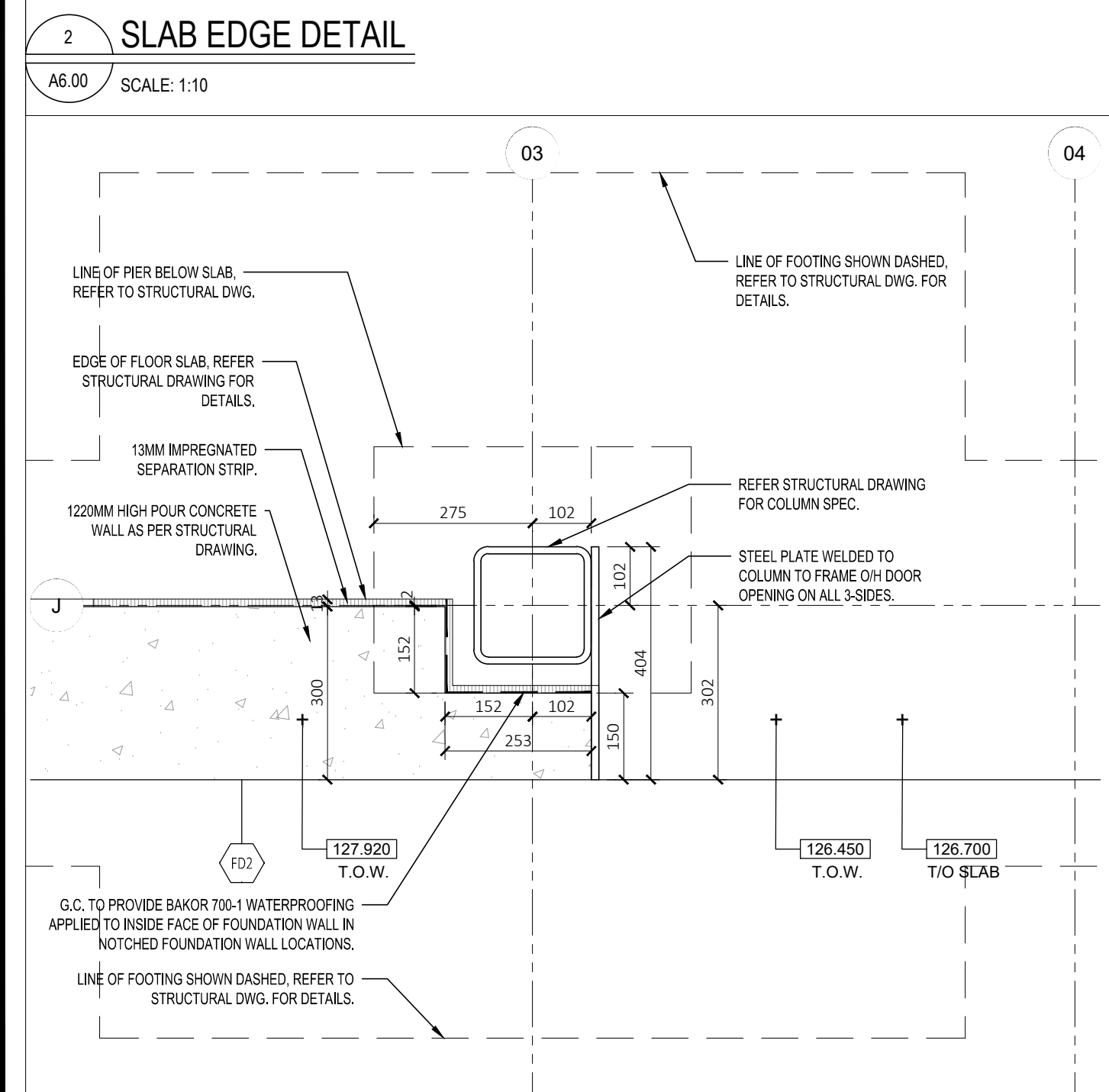
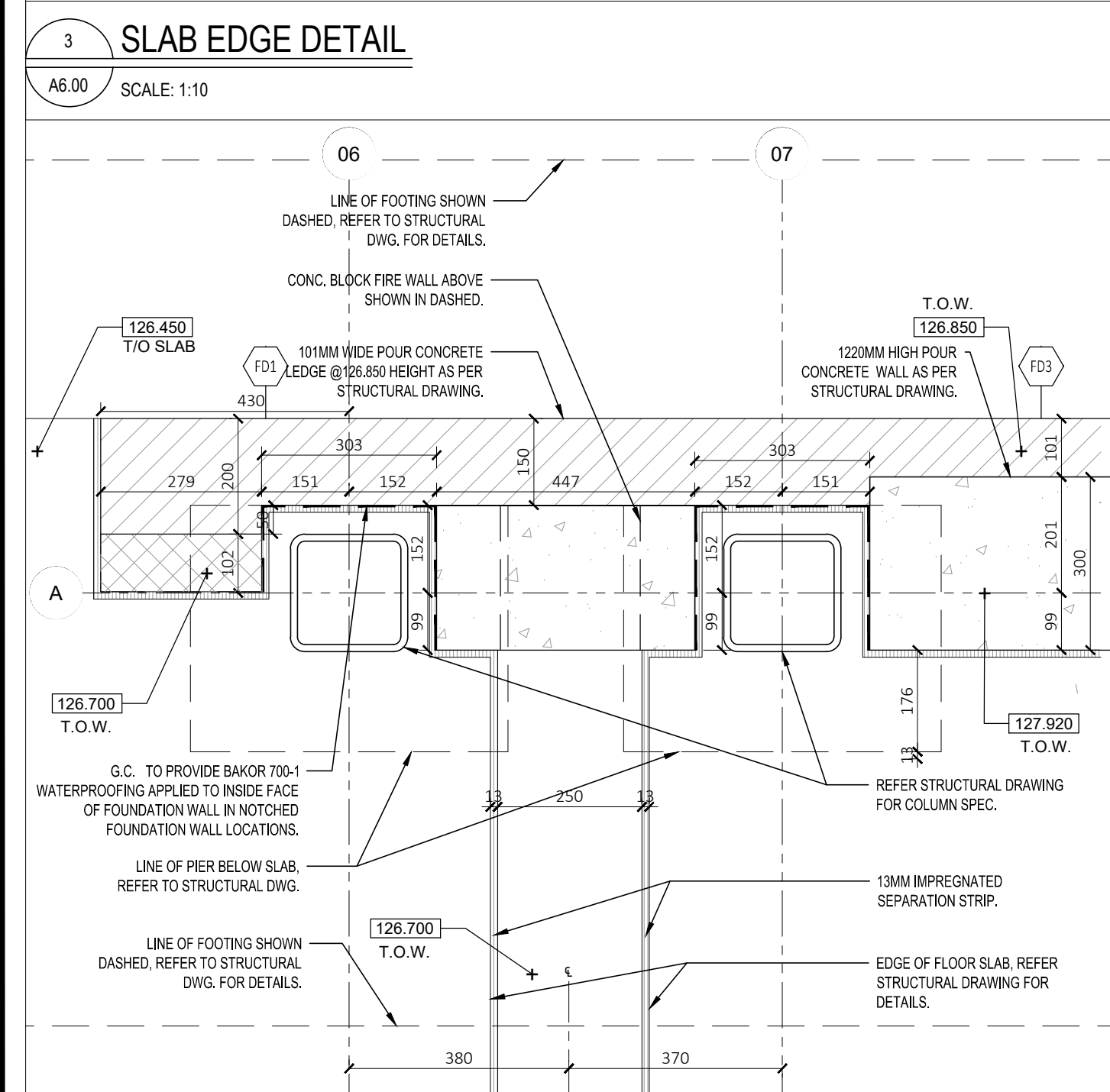
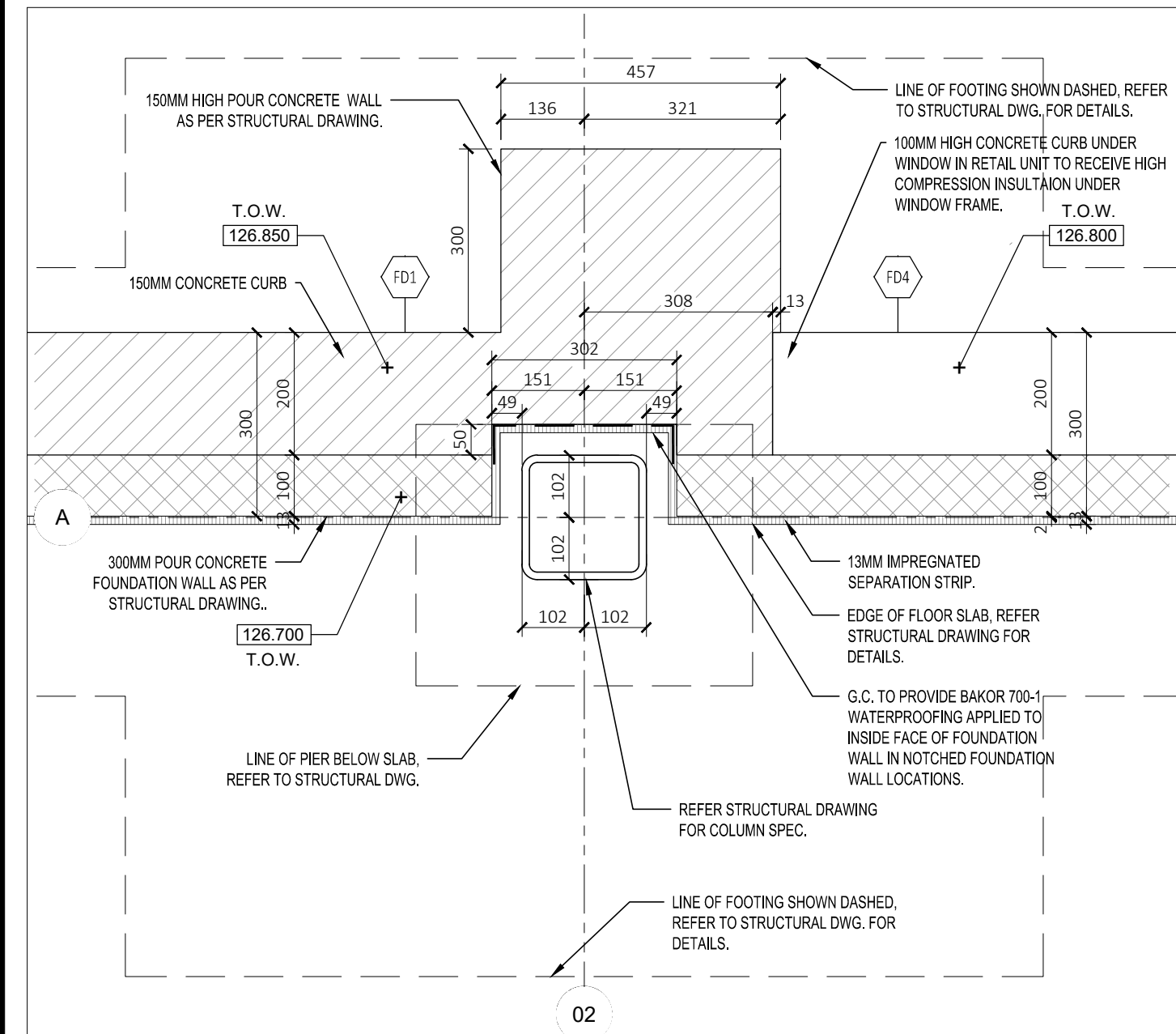
ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON, K1S 3K9
t: 613 237 6801
f: 613 237 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 MCADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

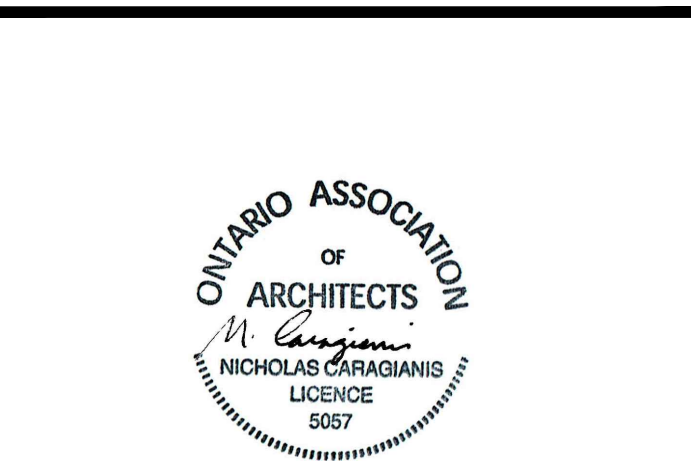
TITLE OF DRAWING
ROOF AND ACCESS HATCH DETAILS

SCALE: VARIES
DATE: JUN 2022
DRAWN BY: LE, SH
DRAWING # **A5.03**



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 04 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUE FOR ADDENDUM#4 | 2023-03-30 |
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

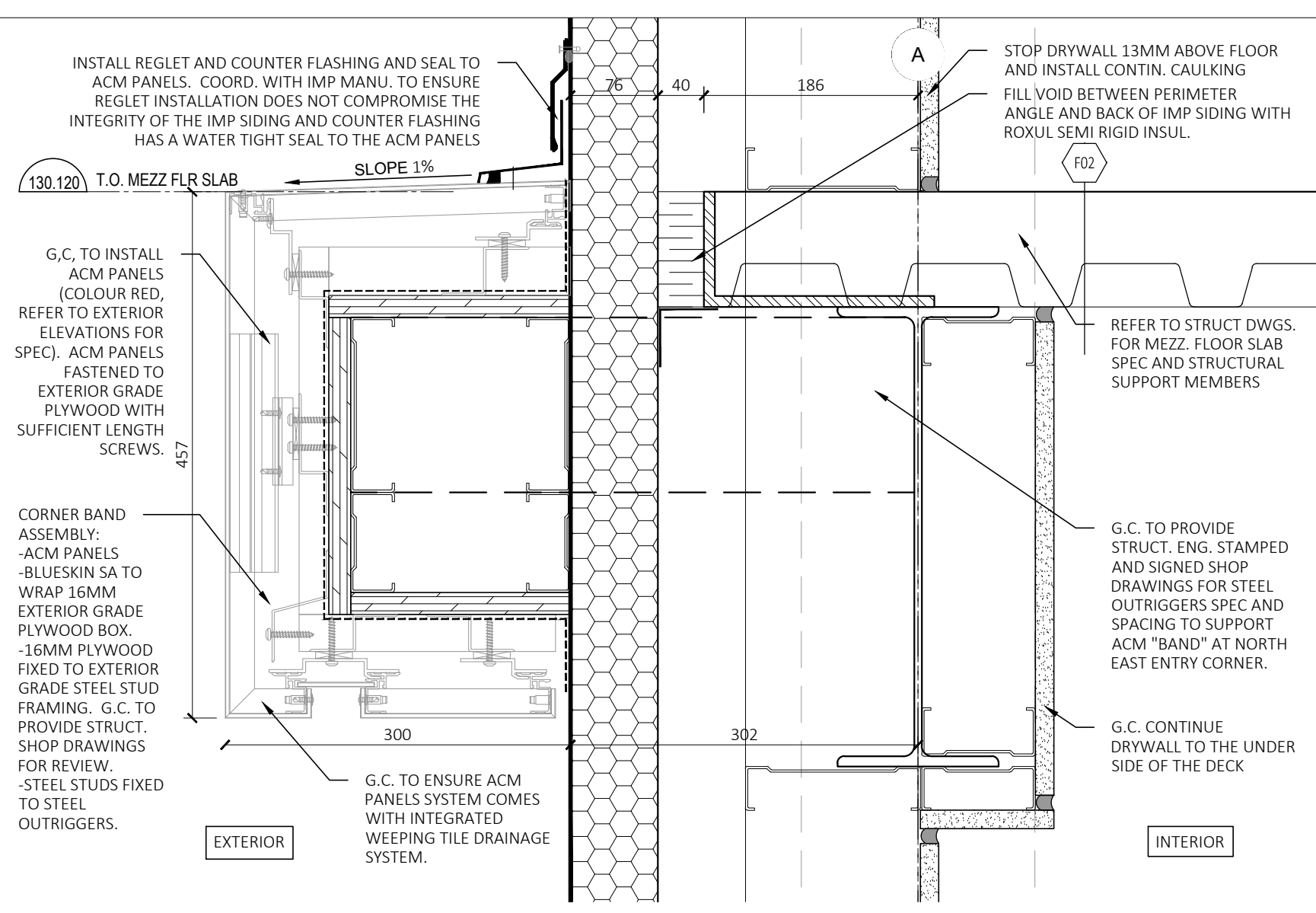
ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street, Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8989
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

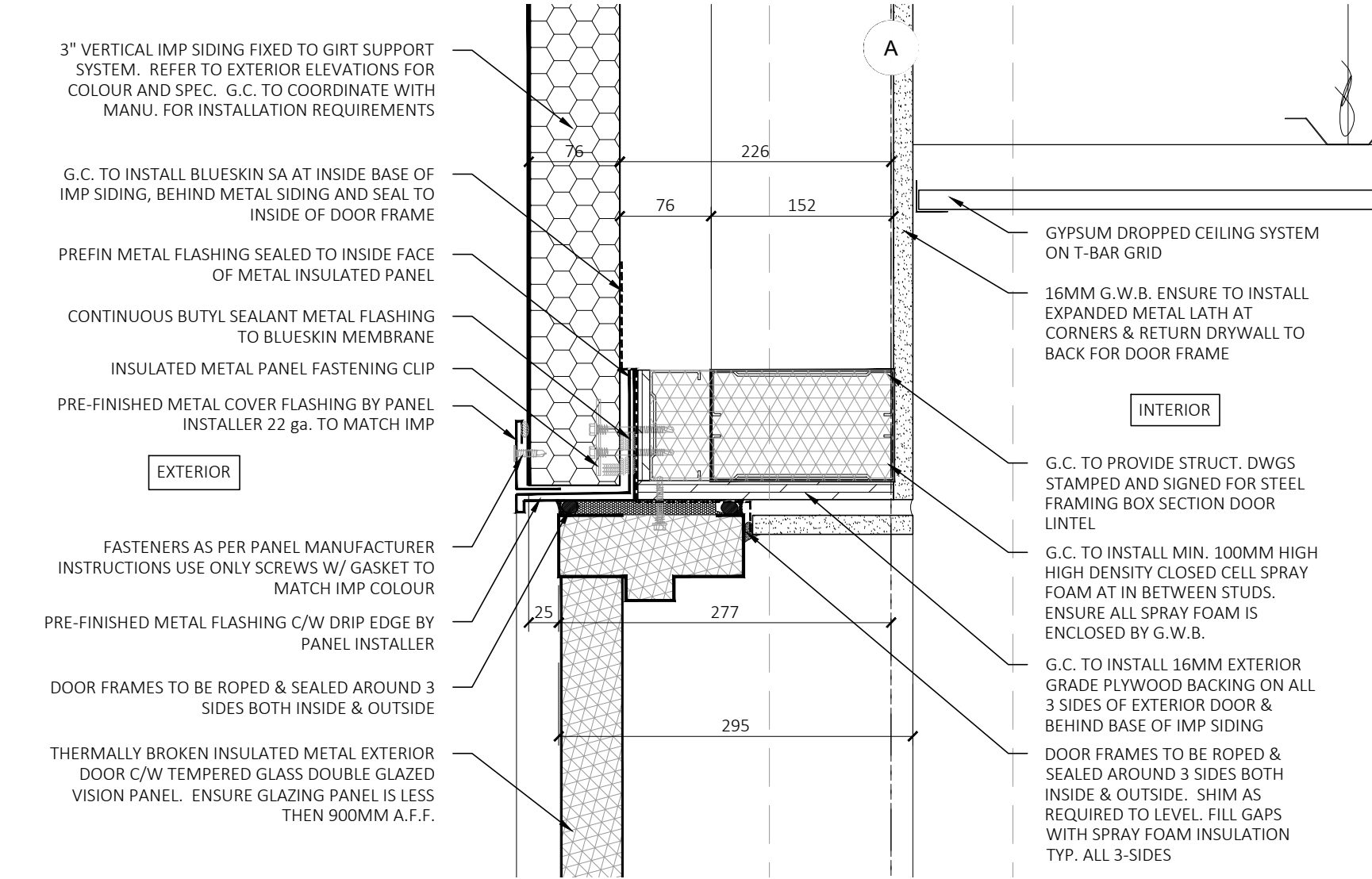
OFFICE FILE NUMBER 20014

TITLE OF DRAWING
PLAN DETAILS

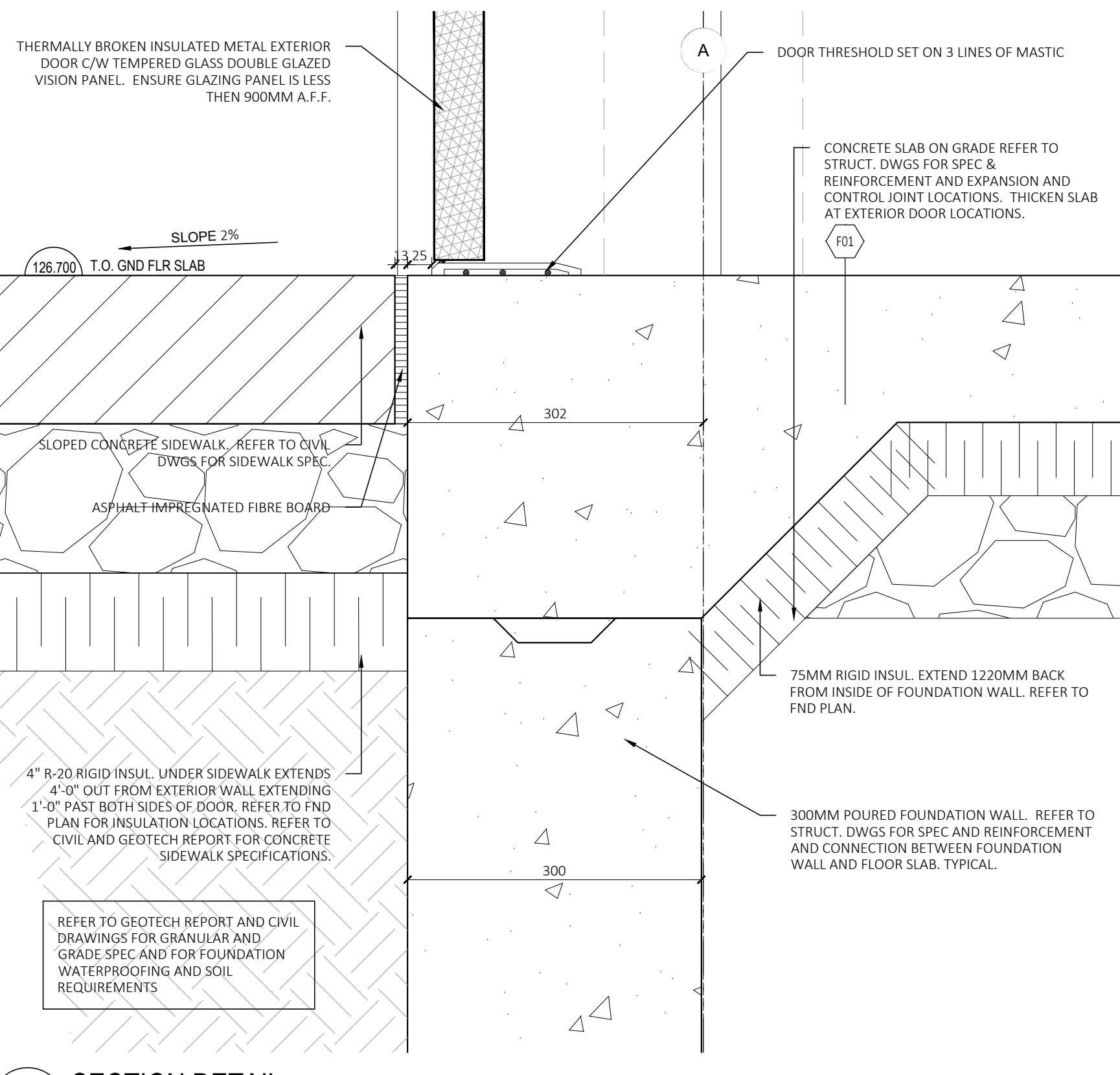
SCALE: 1:5
DATE: JUN 2022
DRAWN BY: LE, SH
DRAWING #: **A6.00**



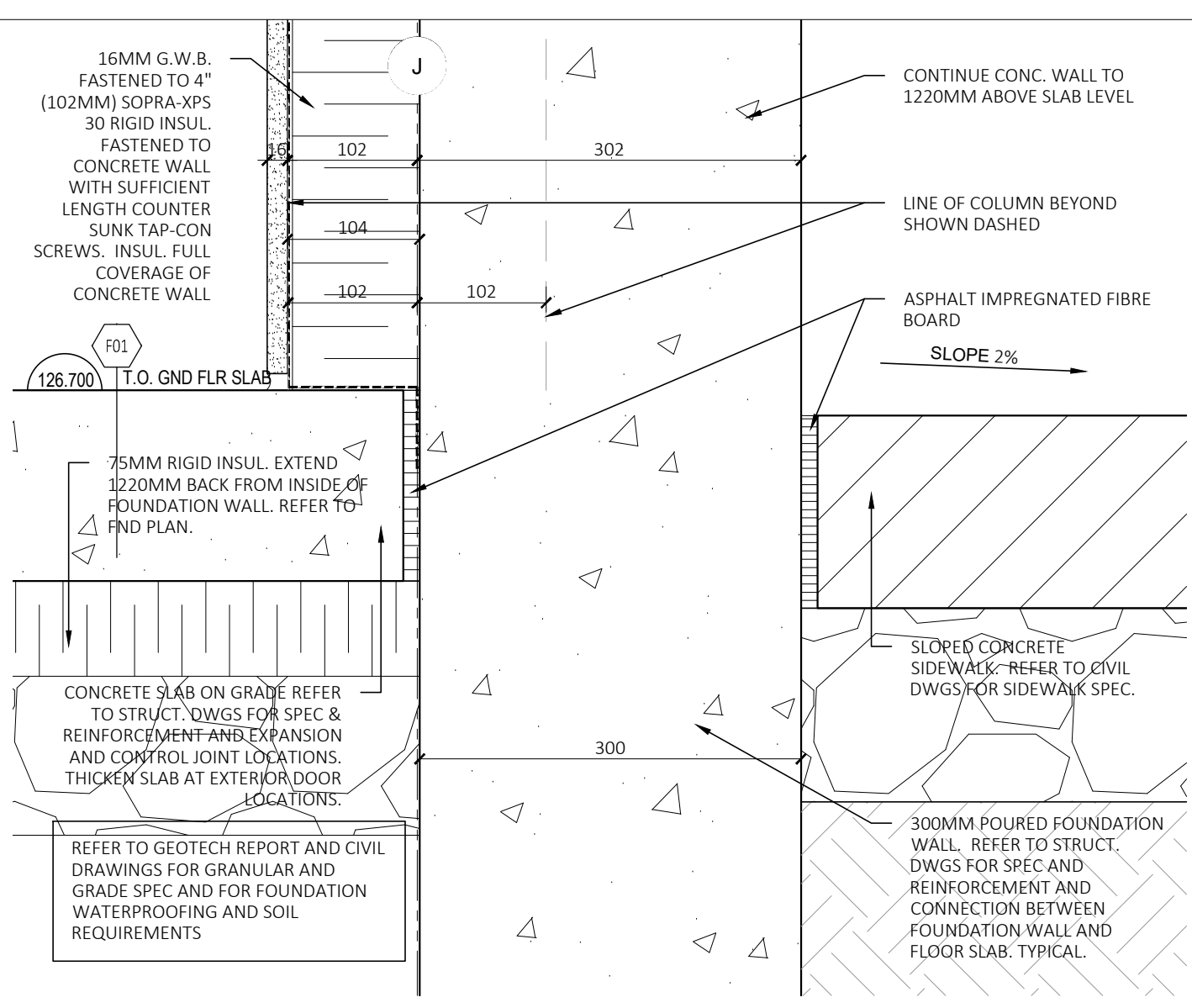
3 SECTION DETAIL
A7.01 SCALE: 1:5



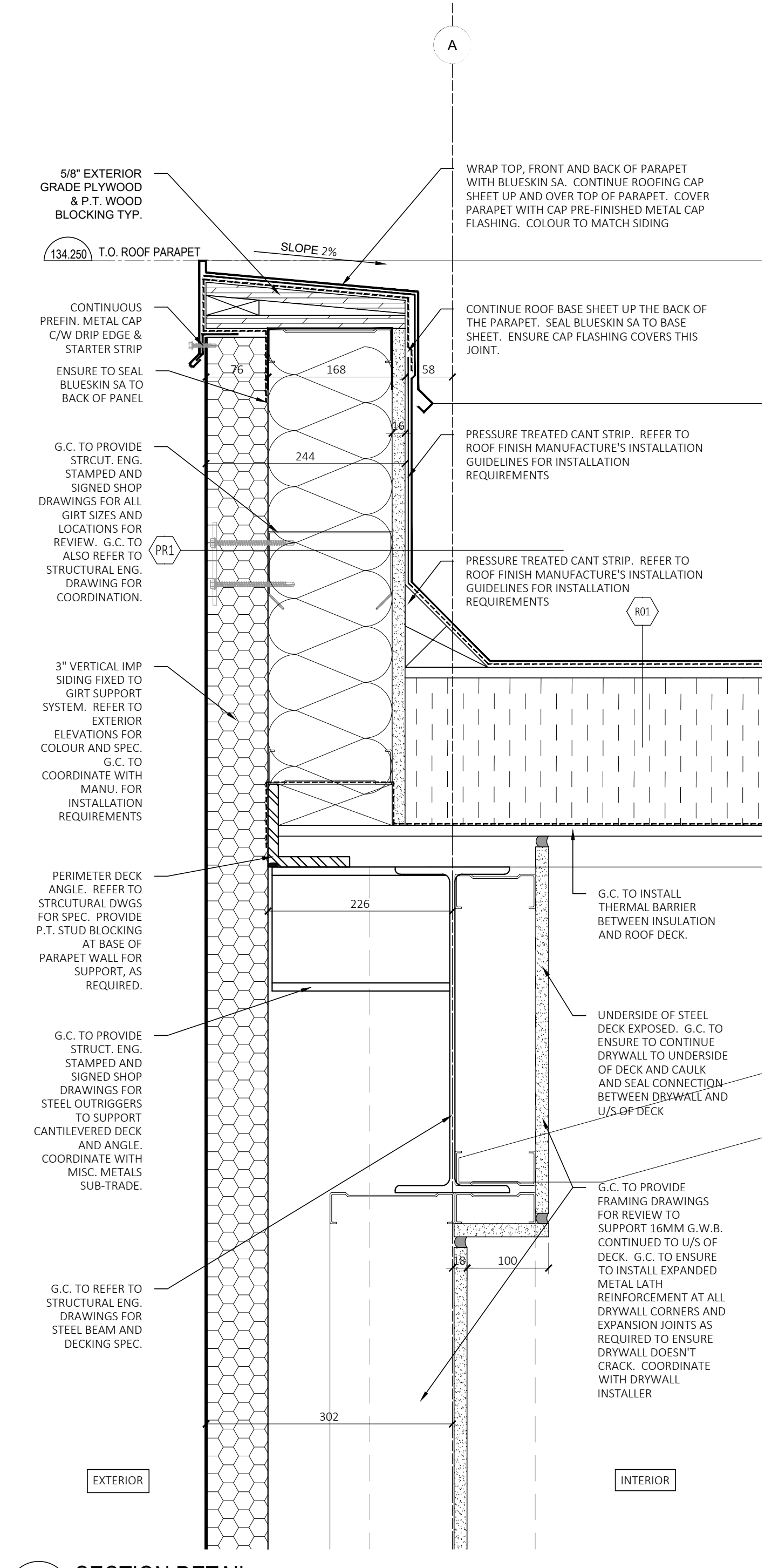
2 SECTION DETAIL
A7.01 SCALE: 1:5



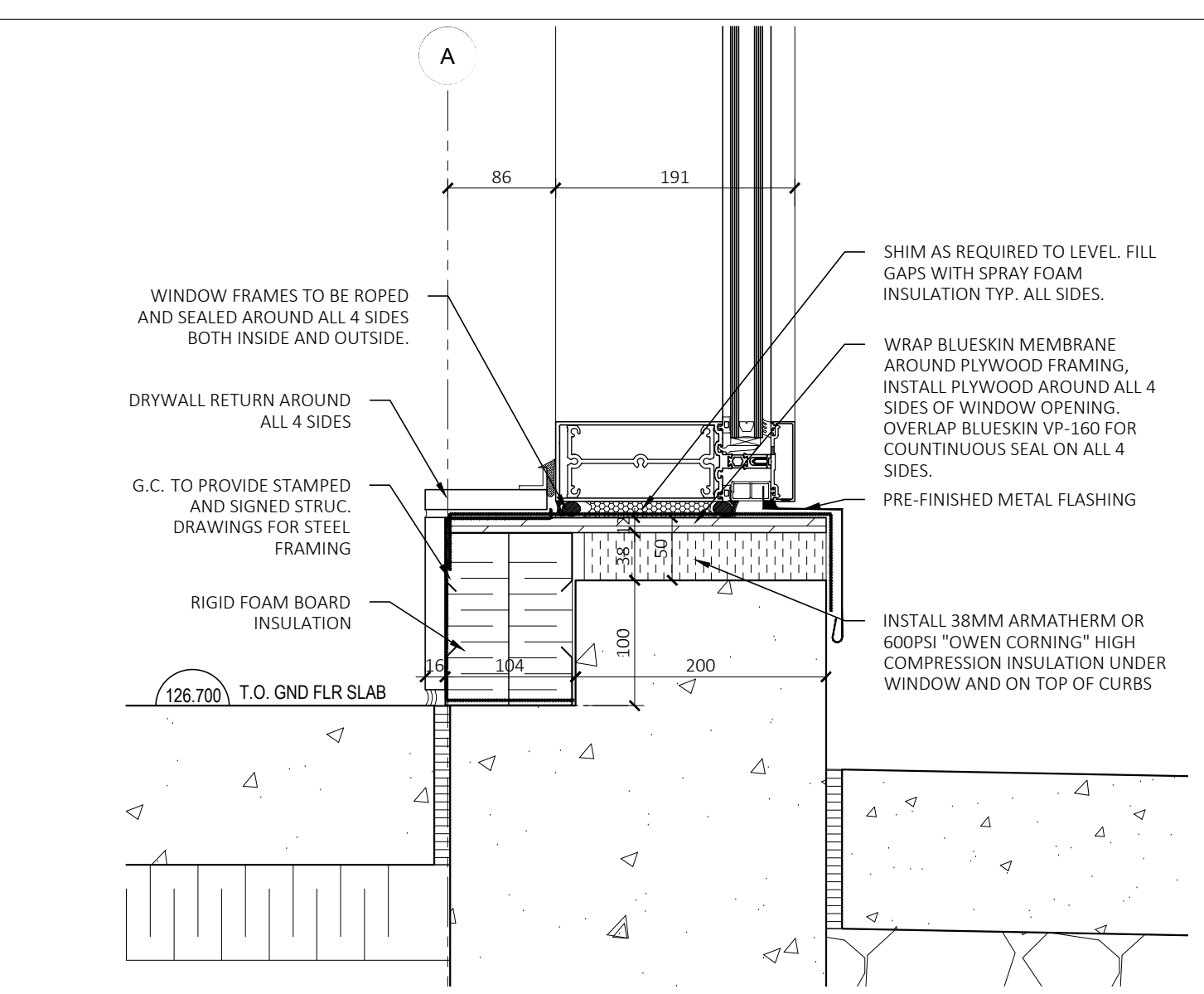
1 SECTION DETAIL
A7.01 SCALE: 1:5



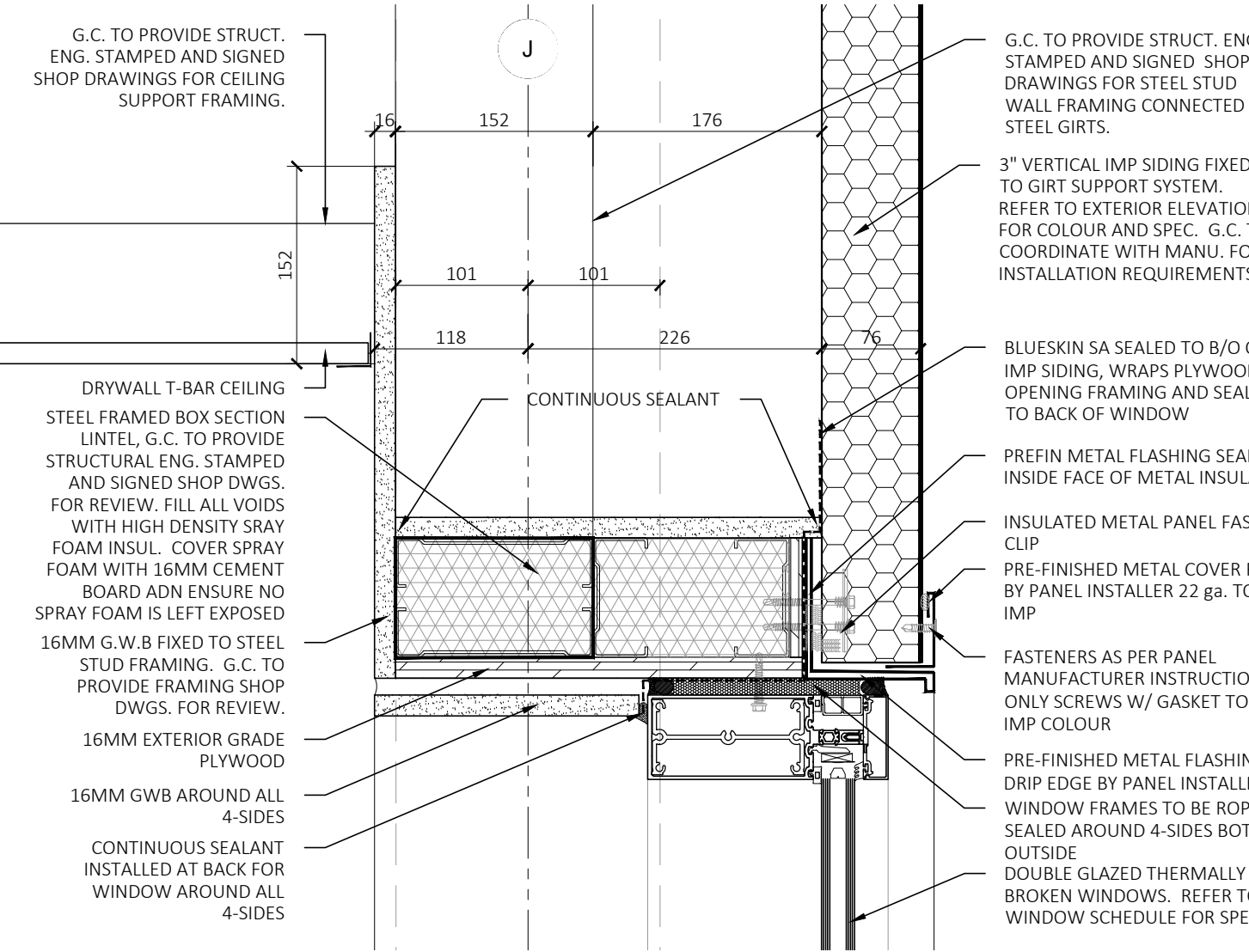
5 SECTION DETAIL
A7.01 SCALE: 1:5



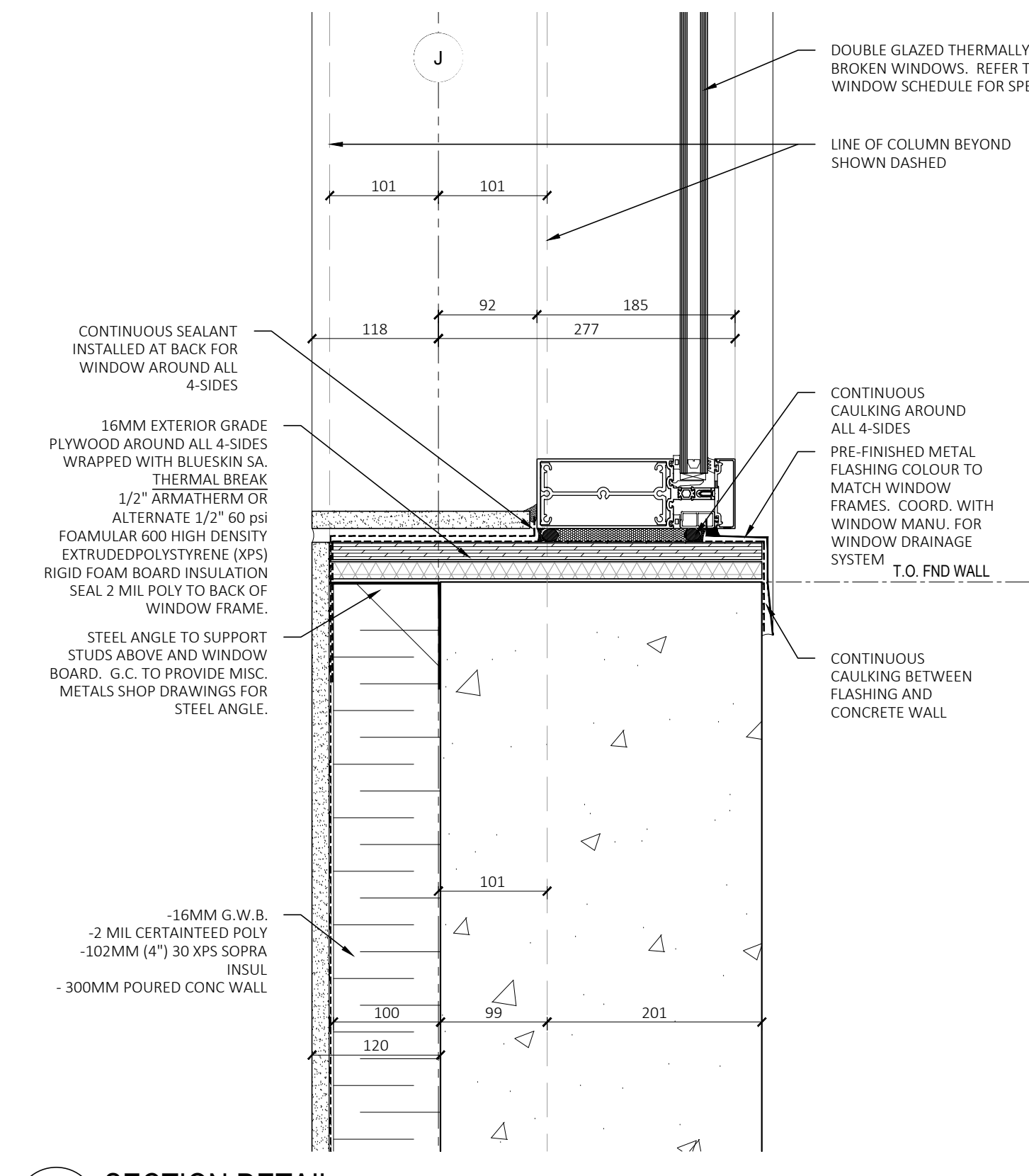
4 SECTION DETAIL
A7.01 SCALE: 1:5



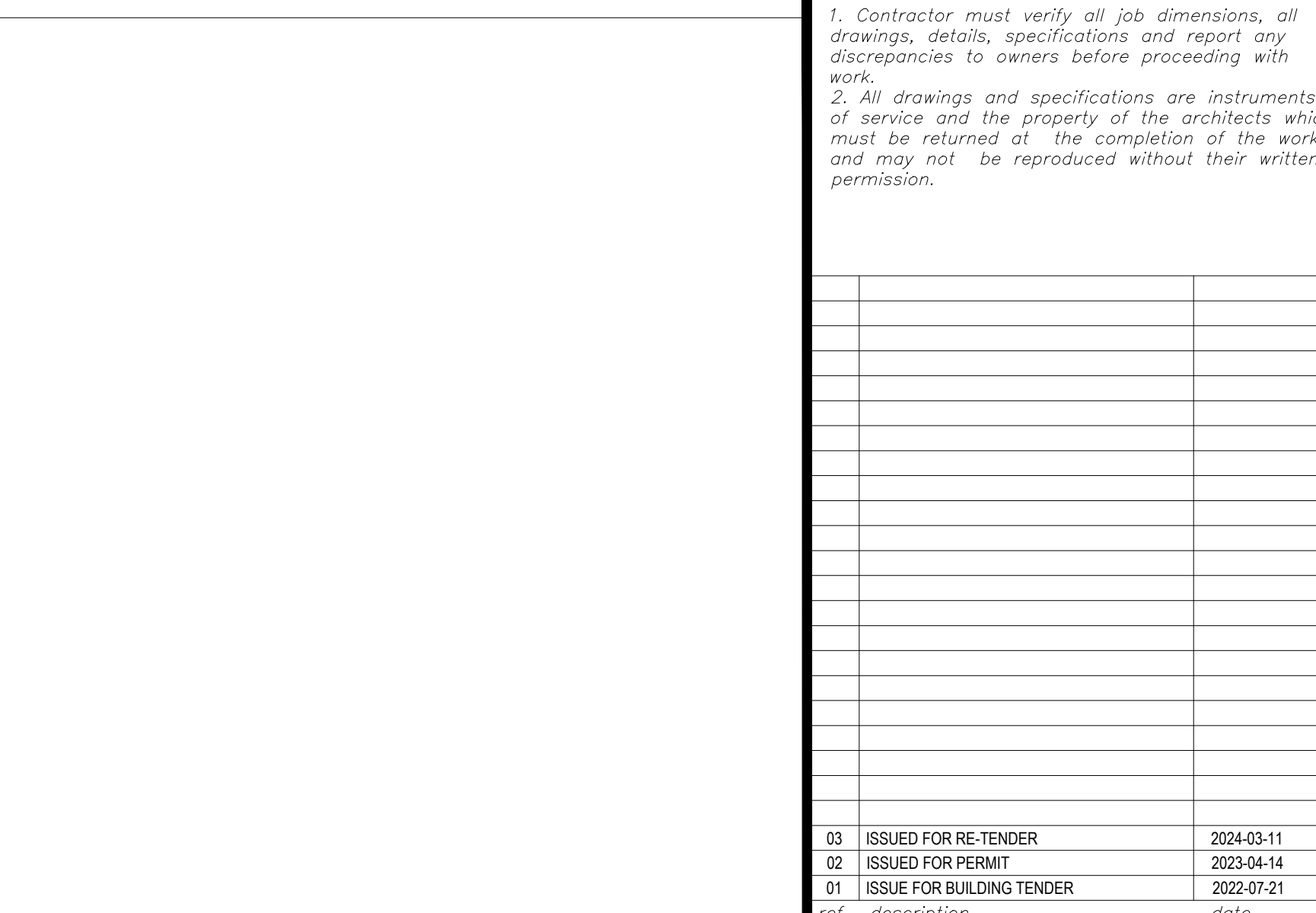
8 SECTION DETAIL (REF PLAN FOR CALL-OUT TAG)
A7.01 SCALE: 1:5



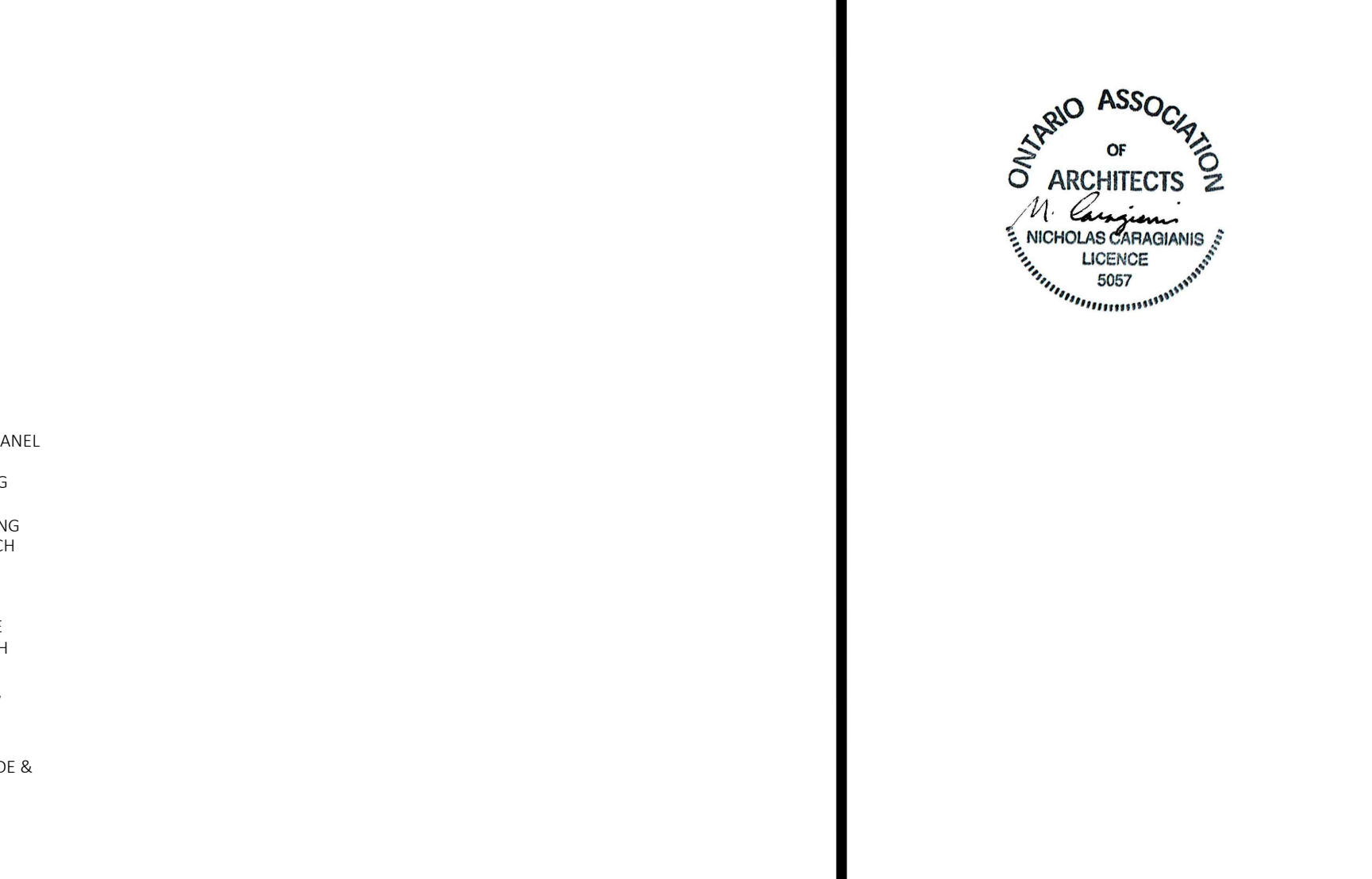
7 SECTION DETAIL
A7.01 SCALE: 1:5



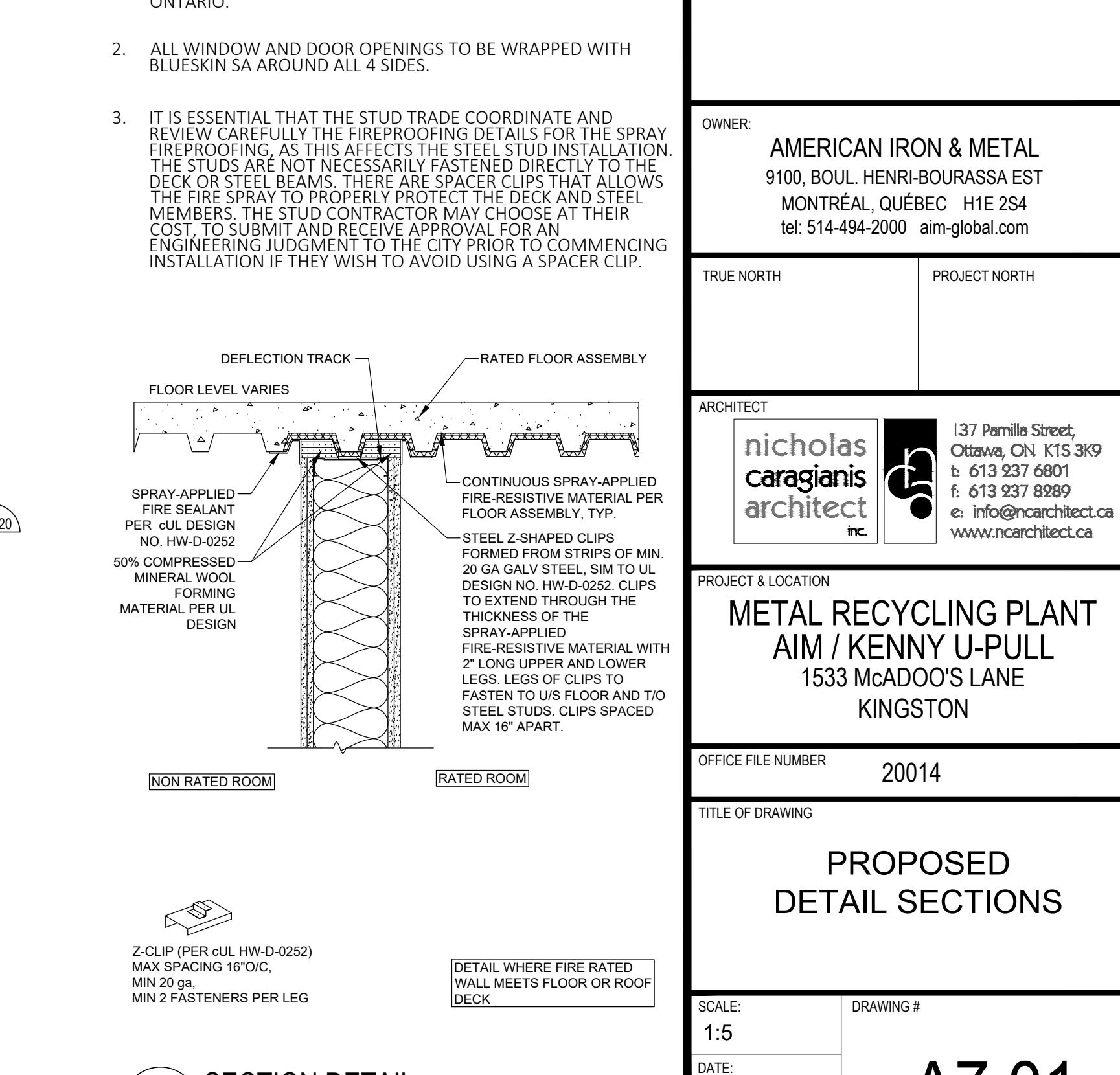
6 SECTION DETAIL
A7.01 SCALE: 1:5



9 SECTION DETAIL
A7.01 SCALE: N.T.S.



8 SECTION DETAIL (REF PLAN FOR CALL-OUT TAG)
A7.01 SCALE: 1:5



9 SECTION DETAIL
A7.01 SCALE: N.T.S.

- NOTES:
- STEEL STUD SHOP DRAWINGS TO BE SIGNED AND SEALED BY A REGISTERED STRUCTURAL ENGINEER IN THE PROVINCE OF ONTARIO.
 - ALL WINDOW AND DOOR OPENINGS TO BE WRAPPED WITH BLUESKIN SA AROUND ALL 4 SIDES.
 - IT IS ESSENTIAL THAT THE STUD TRADE COORDINATE AND REVIEW CAREFULLY THE FIREPROOFING DETAILS FOR THE SPRAY FIREPROOFING AS THIS AFFECTS THE STEEL STUD INSTALLATION. THE STUDS ARE NOT NECESSARILY FASTENED DIRECTLY TO THE DECK OR STEEL BEAMS. THERE ARE SPACER CLIPS THAT ALLOW THE FIRE SPRAY TO PROPERLY PROTECT THE DECK AND STEEL MEMBERS. THE STUD CONTRACTOR MAY CHOOSE AT THEIR COST, TO SUBMIT AND RECEIVE APPROVAL FOR AN ENGINEERING JUDGMENT TO THE CITY PRIOR TO COMMENCING INSTALLATION IF THEY WISH TO AVOID USING A SPACER CLIP.

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 03 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 02 | ISSUED FOR PERMIT | 2023-04-14 |
| 01 | ISSUE FOR BUILDING TENDER | 2022-07-21 |



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

ARCHITECT:
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION:
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 MCADDO'S LANE
KINGSTON

OFFICE FILE NUMBER: 20014
TITLE OF DRAWING: PROPOSED DETAIL SECTIONS
SCALE: 1:5
DATE: JUN 2022
DRAWN BY: LE, SH
DRAWING #: A7.01

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

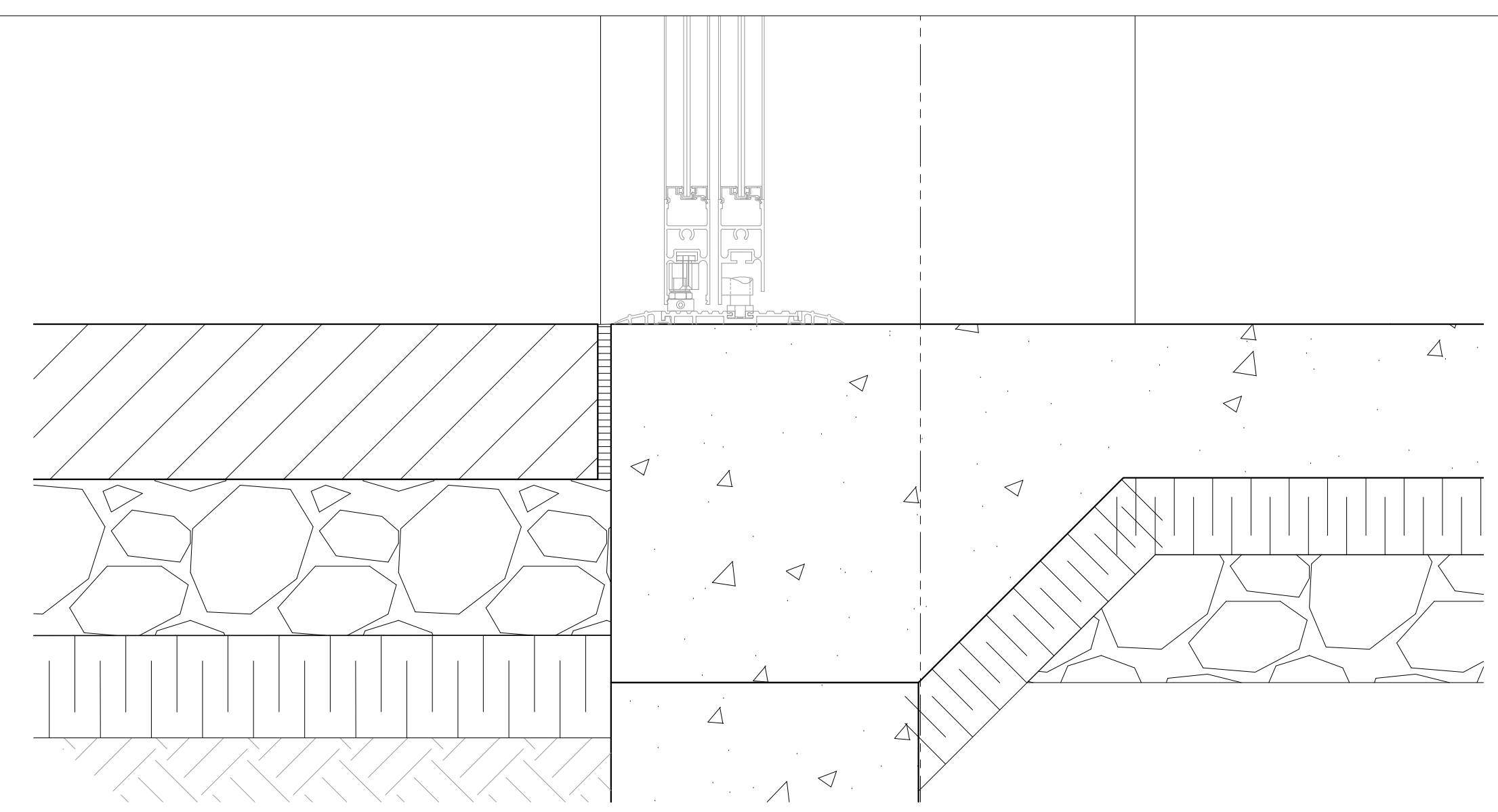
PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

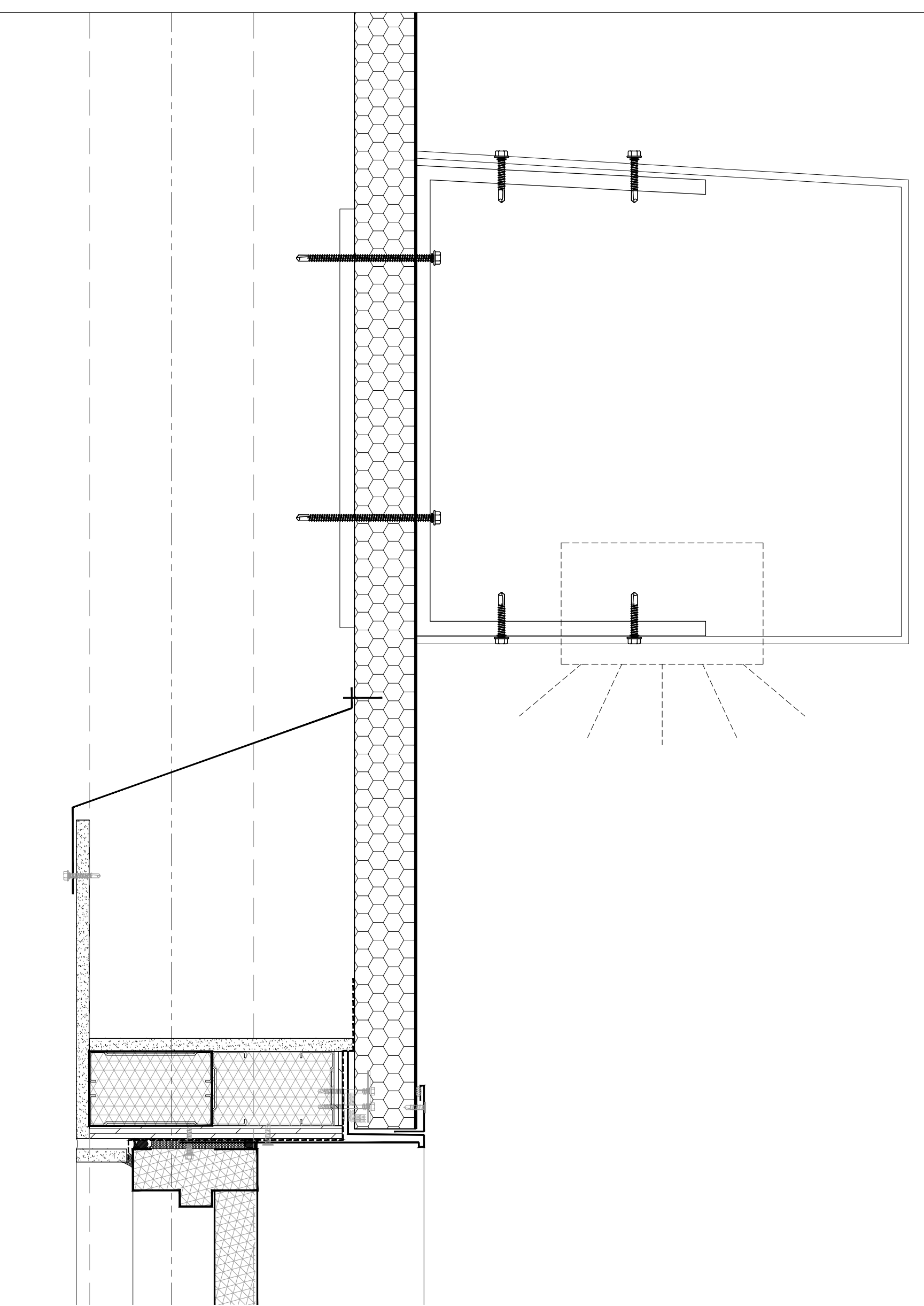
TITLE OF DRAWING
**PROPOSED
 DETAIL SECTIONS**

| | |
|----------------------|--------------------|
| SCALE: 1:5 | DRAWING # A7.02 |
| DATE: JUN 2022 | |
| DRAWN BY: LE, SH, | |

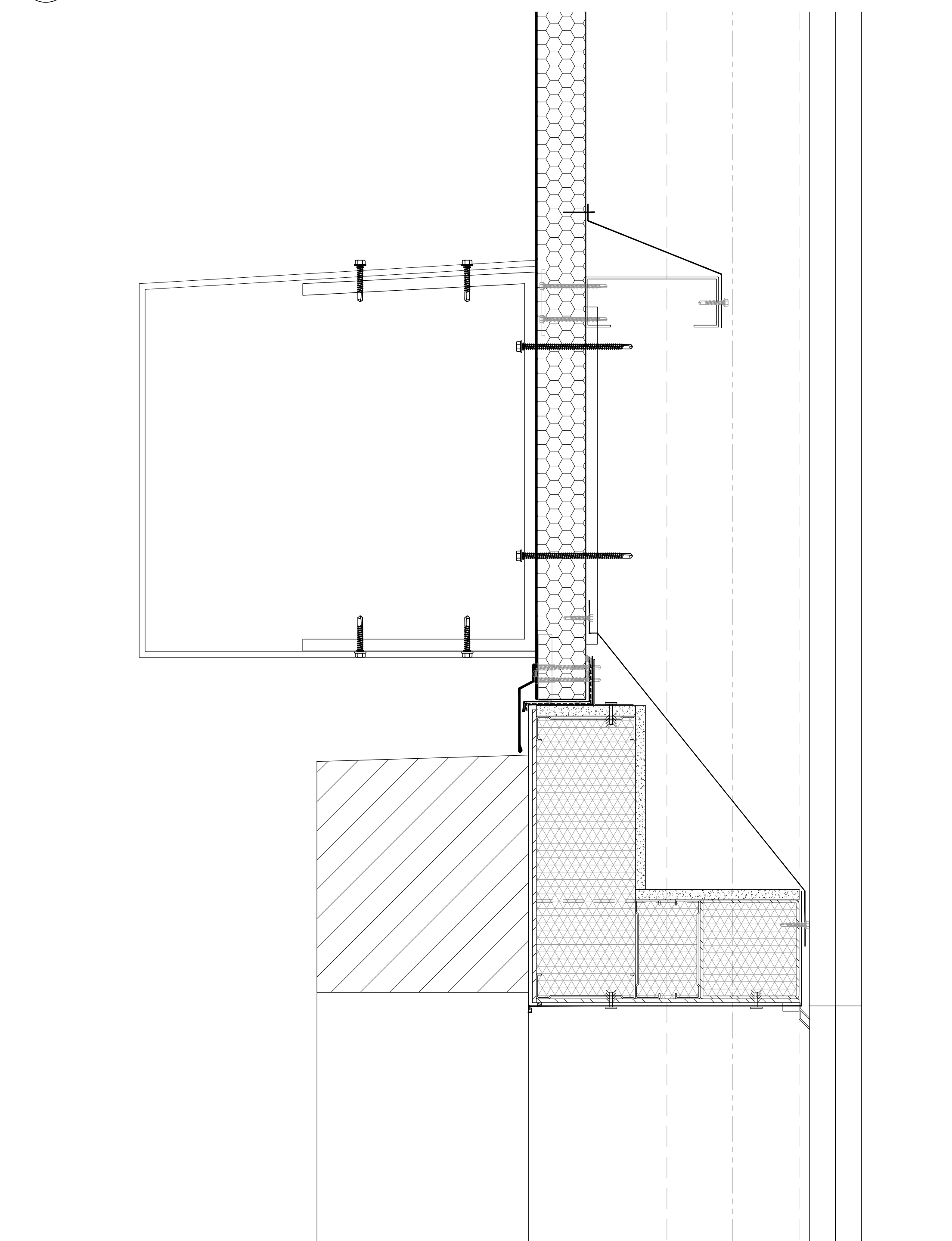
6 SECTION DETAIL
 A7.02 SCALE: 1:5



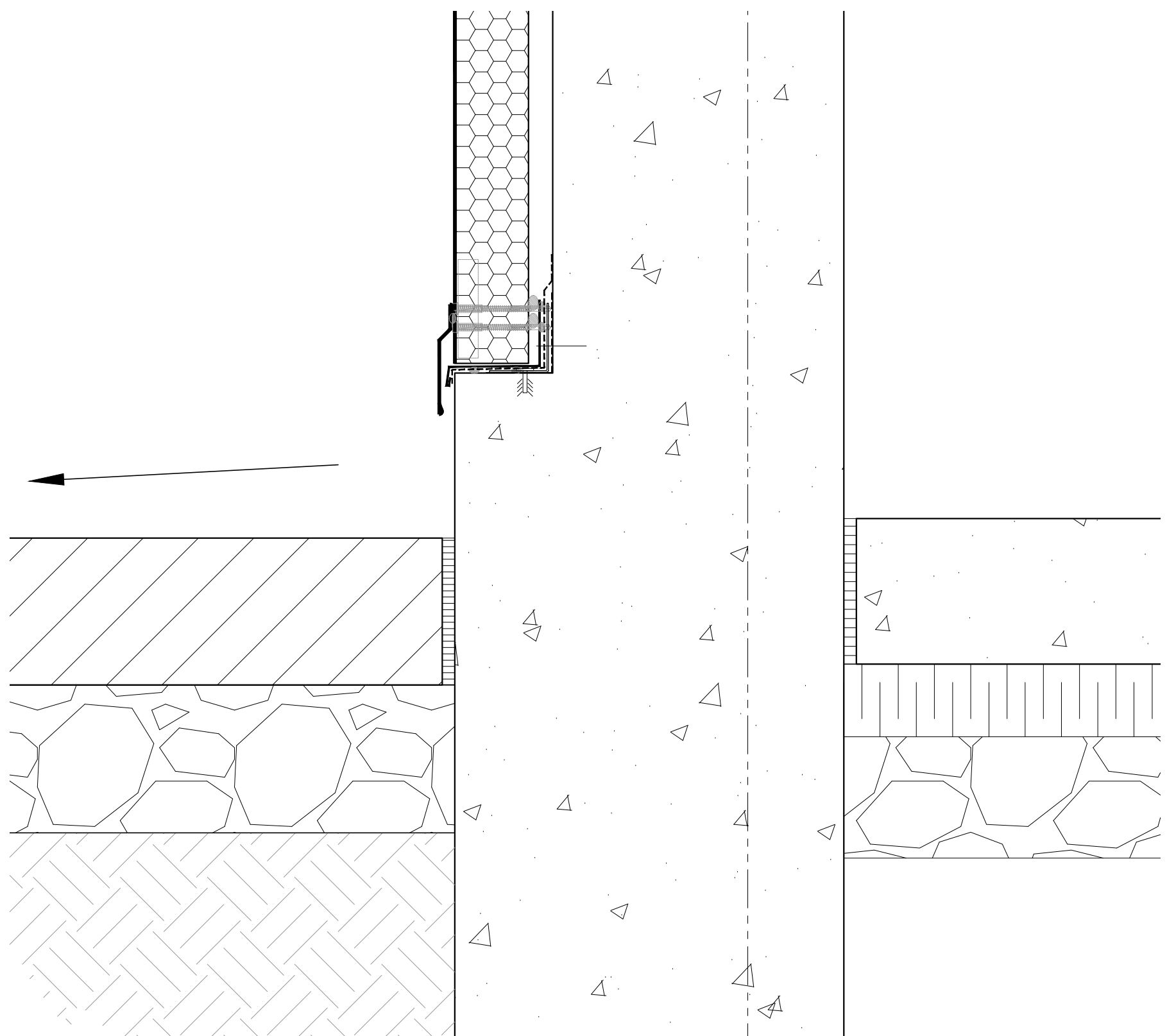
4 SECTION DETAIL
 A7.02 SCALE: 1:5



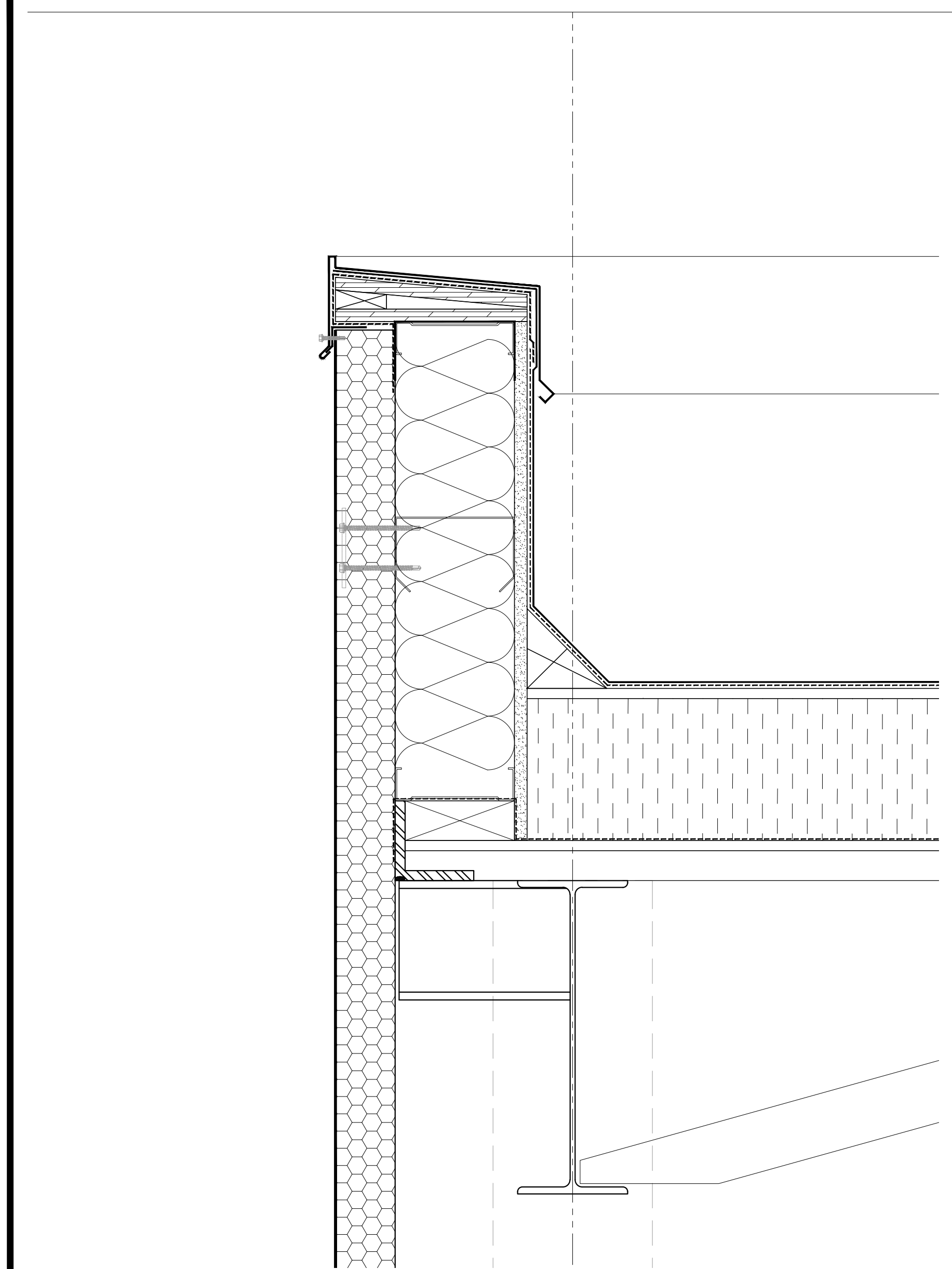
5 SECTION DETAIL
 A7.02 SCALE: 1:5



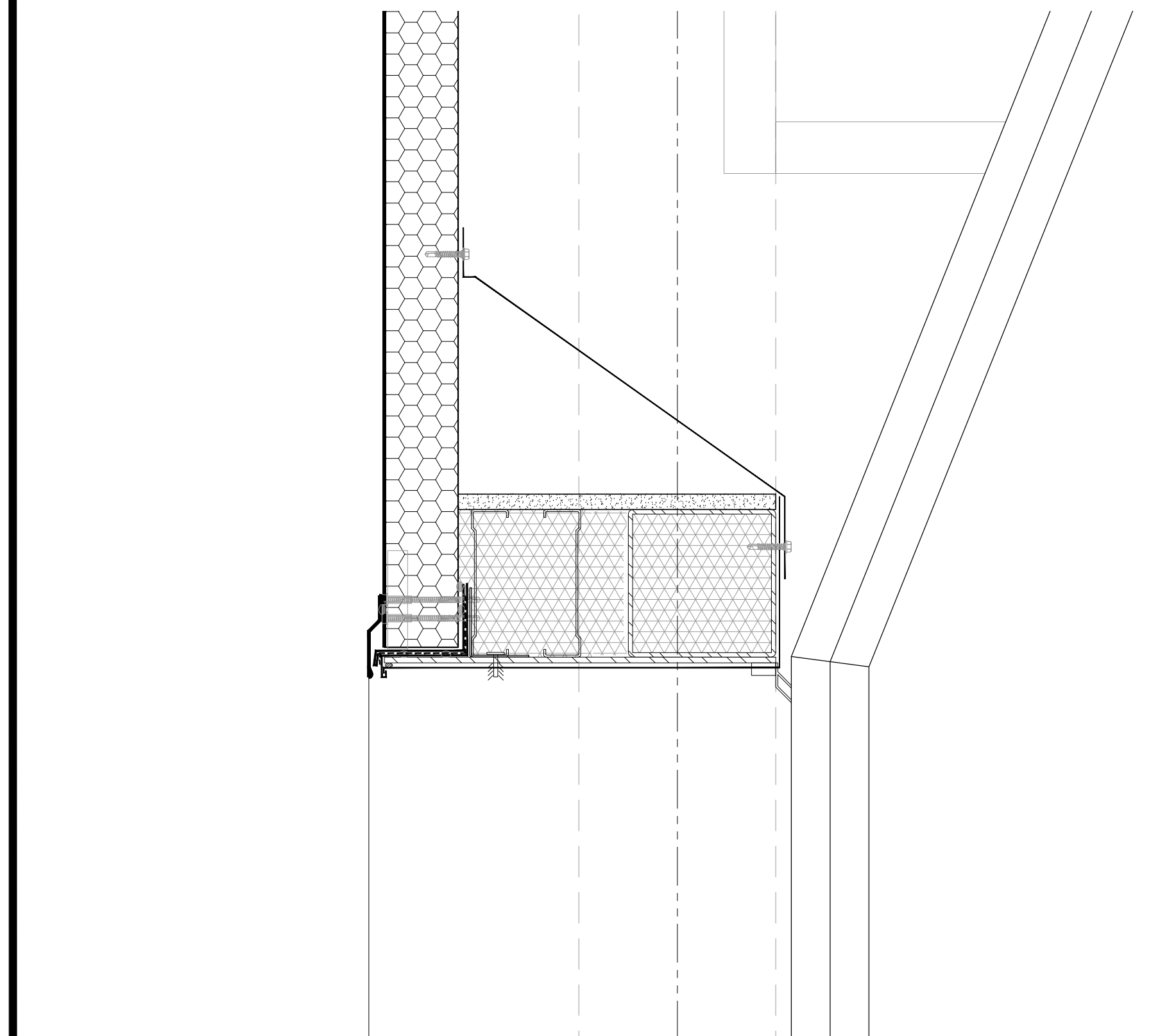
3 SECTION DETAIL
 A7.02 SCALE: 1:5

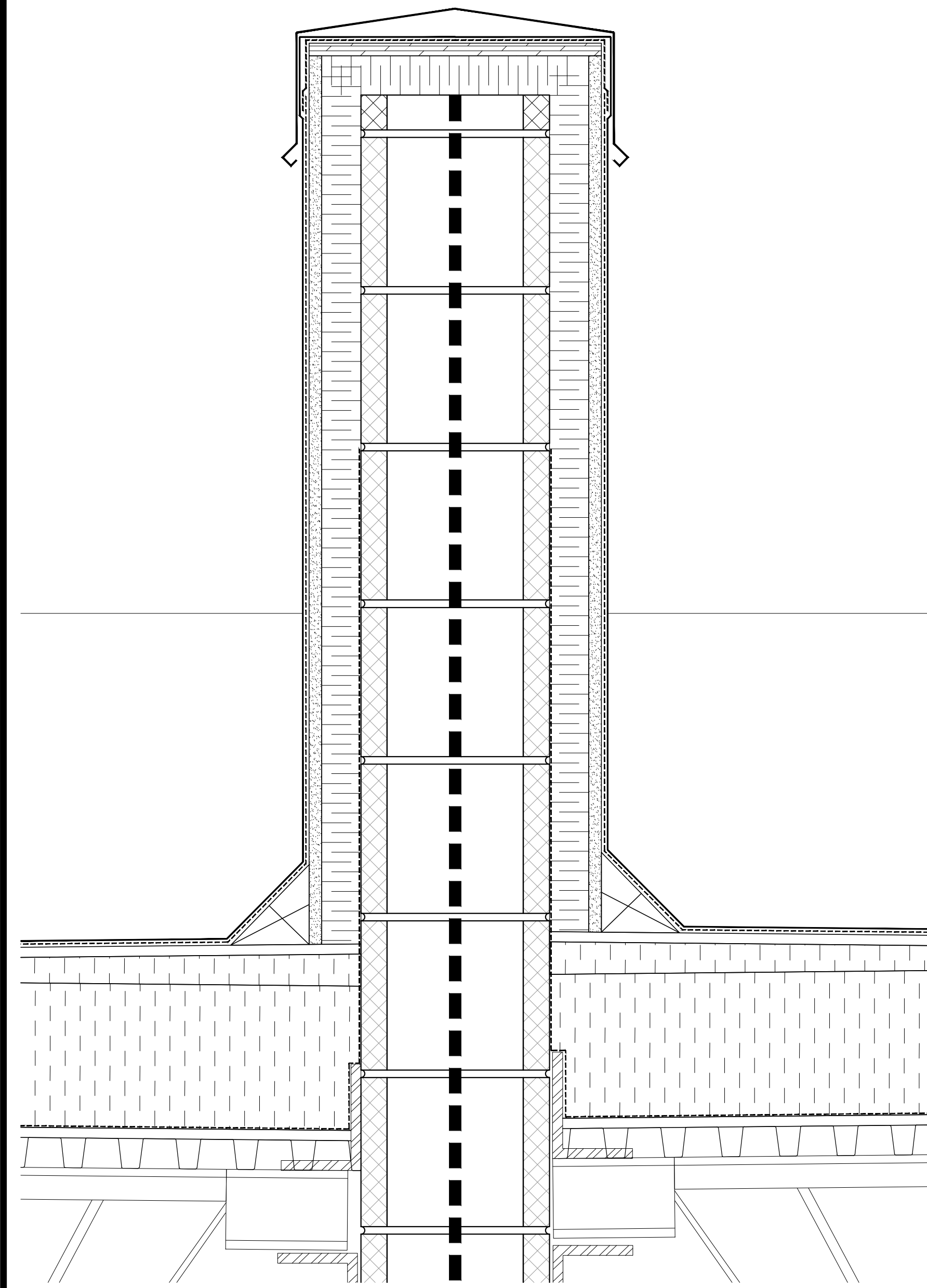


2 SECTION DETAIL
 A7.02 SCALE: 1:5

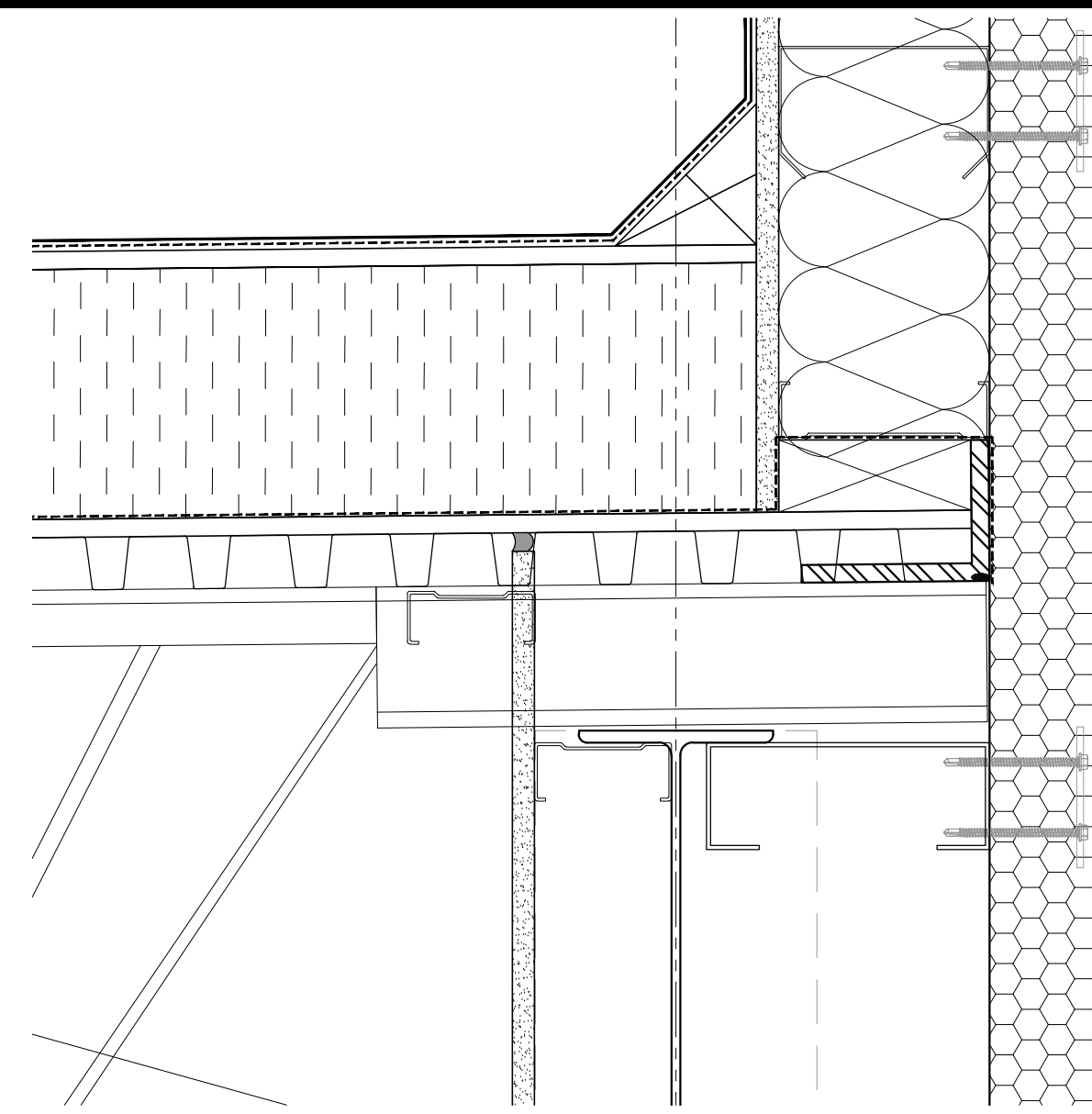


1 SECTION DETAIL
 A7.02 SCALE: 1:5

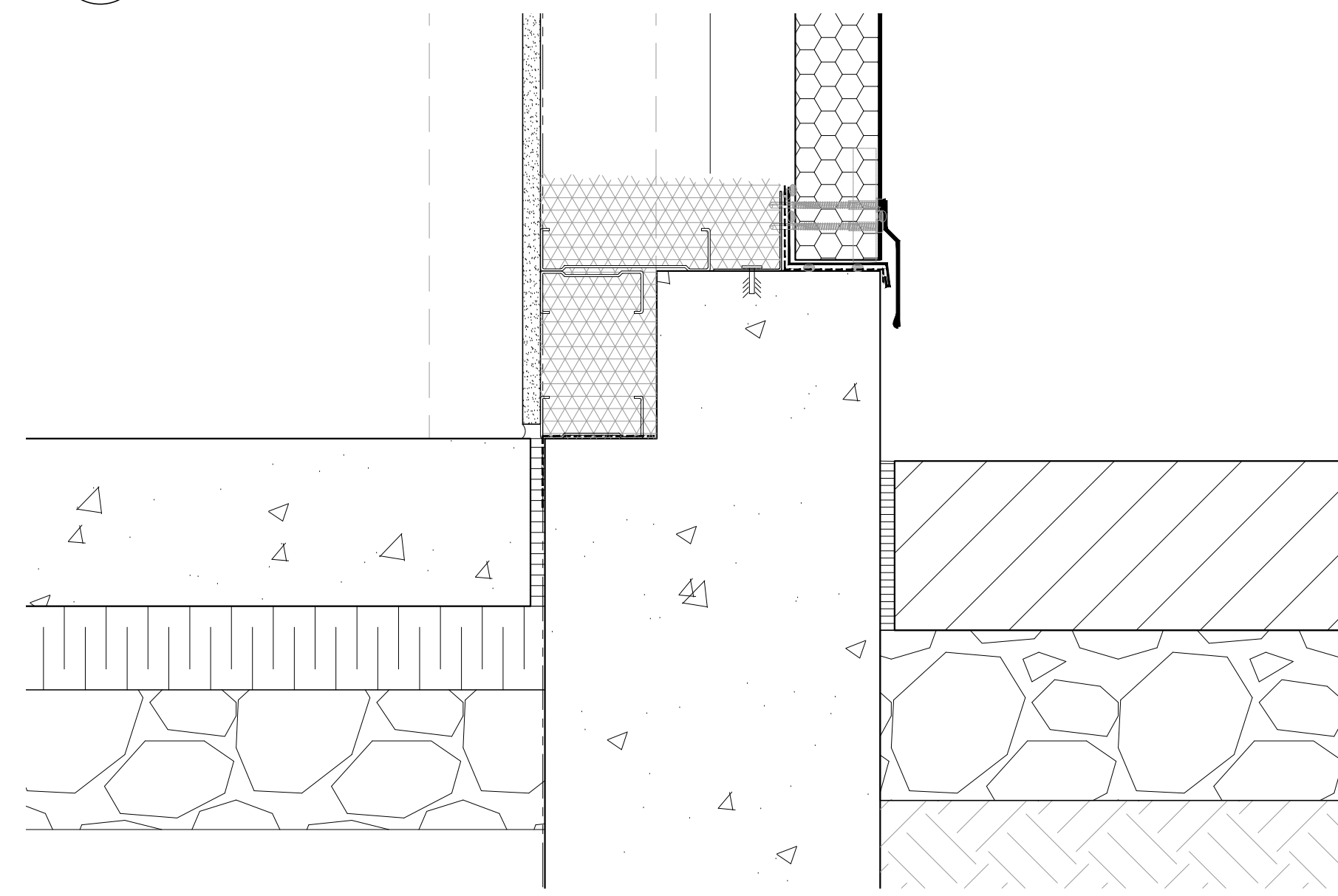




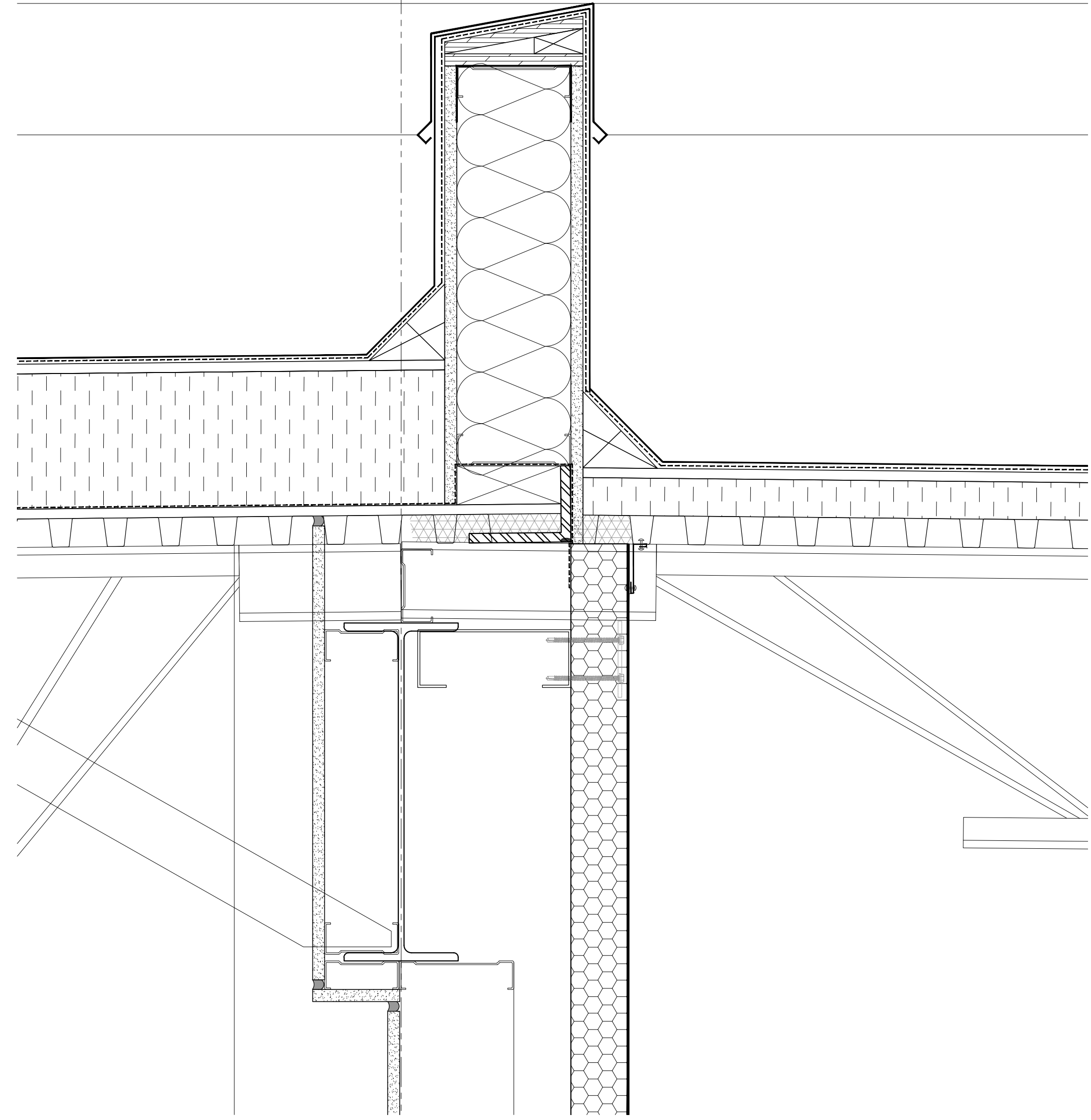
2 SECTION DETAIL
A7.03 SCALE: 1:5



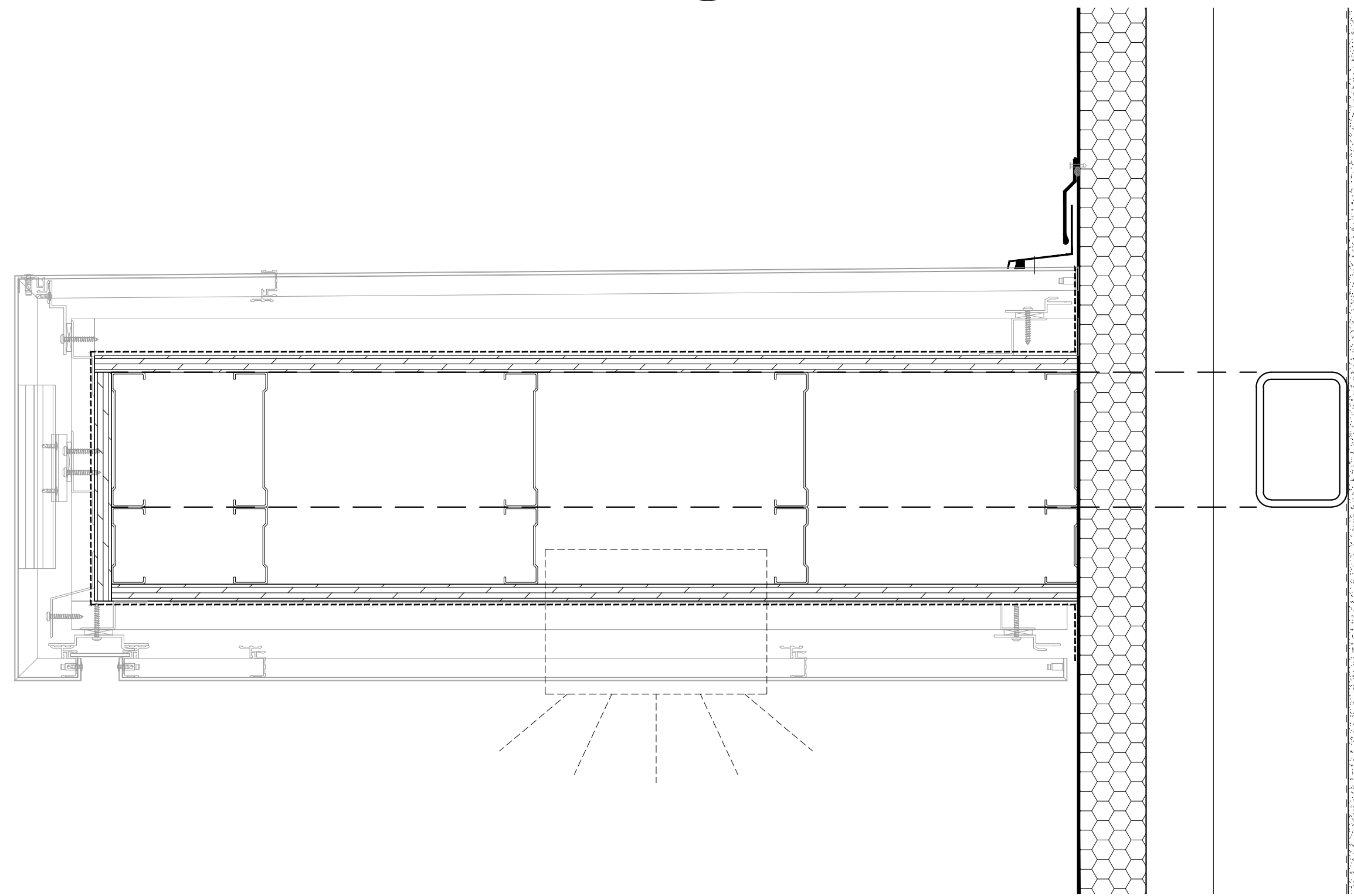
4 SECTION DETAIL
A7.01 SCALE: 1:5



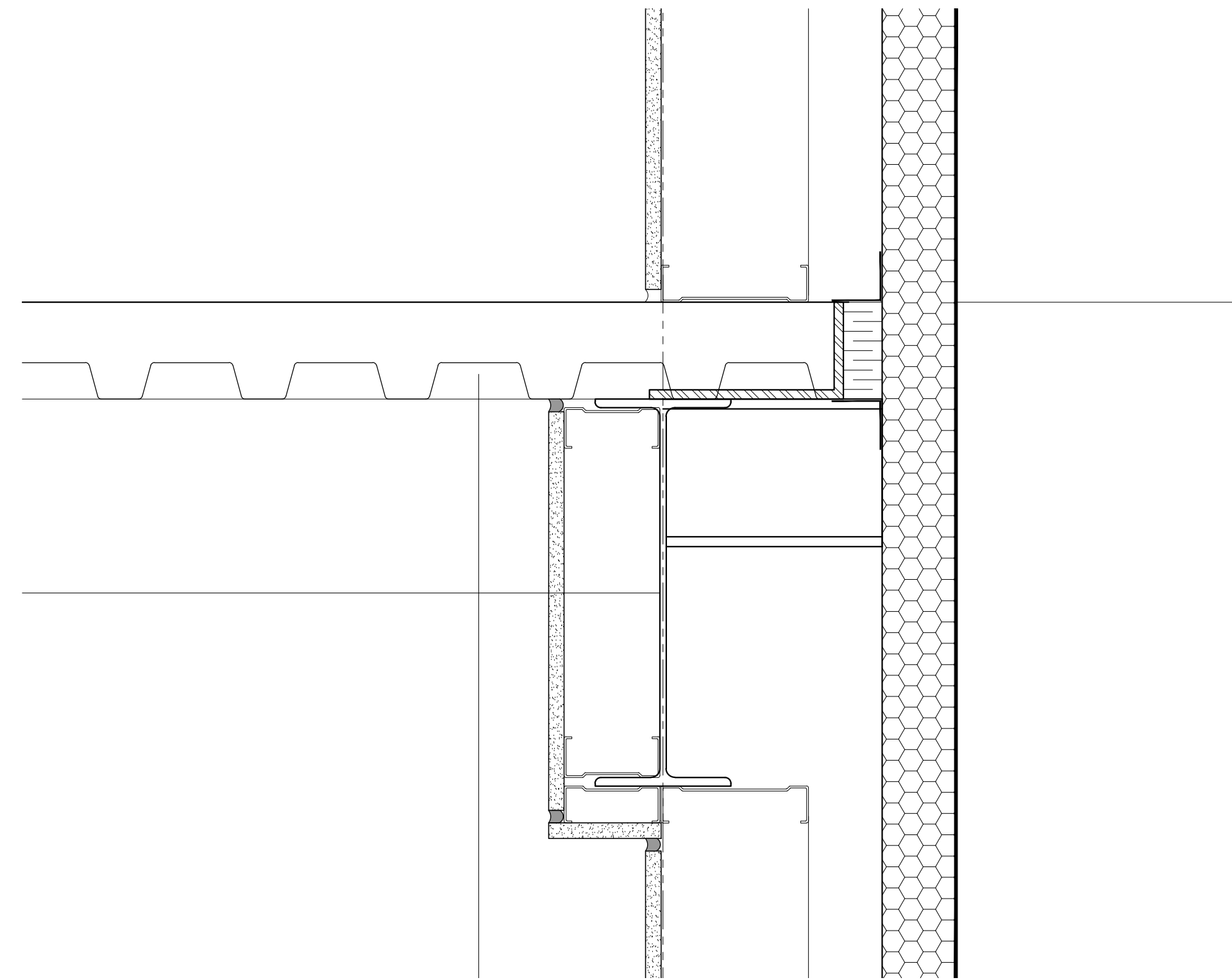
3 SECTION DETAIL
A7.03 SCALE: 1:5



6 SECTION DETAIL
A7.03 SCALE: 1:5



1 SECTION DETAIL
A7.03 SCALE: 1:5



5 SECTION DETAIL
A7.03 SCALE: 1:5

1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|---------------------------|------------|
| 01 | ISSUE FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTRÉAL, QUÉBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6801
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
PROPOSED
DETAIL SECTIONS

| | |
|----------------------|---------------------------|
| SCALE: 1:5 | DRAWING # A7.03 |
| DATE: JUN 2022 | |
| DRAWN BY: LE, SH. | |

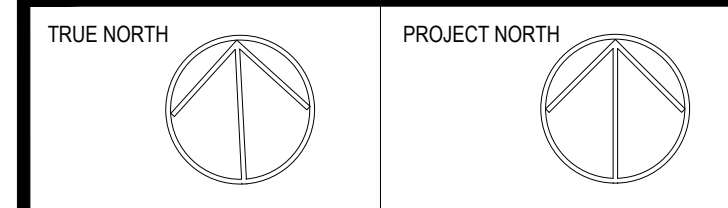
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------|------------|
| 05 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 04 | ISSUED FOR PERMIT | 2023-04-14 |
| 03 | ISSUED FOR ADDENDUM #1 | 2023-03-30 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



ARCHITECT
nicholas caragianis architect inc.
 137 Pamela Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

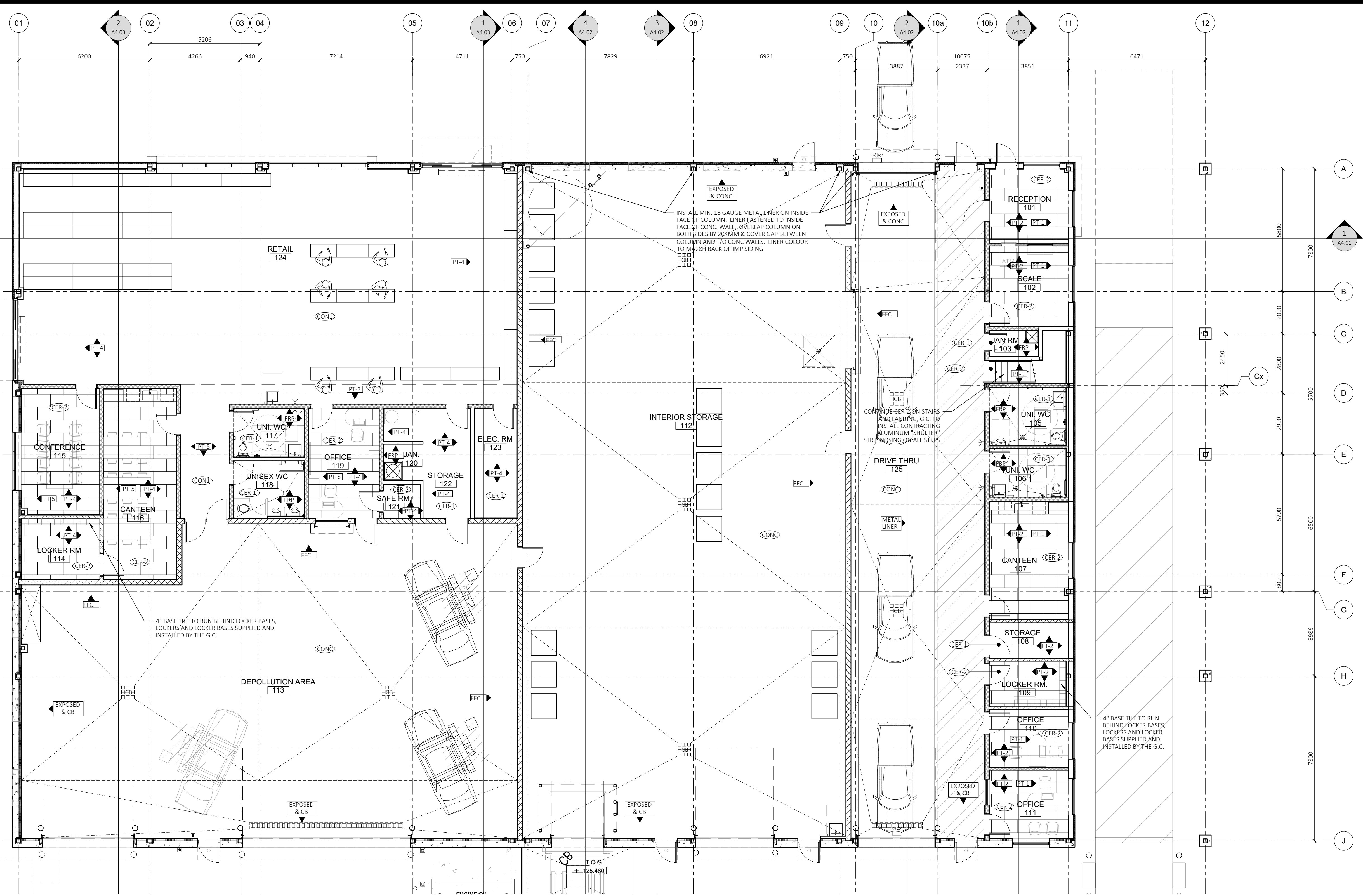
TITLE OF DRAWING
GROUND FLOOR FINISHES PLAN

SCALE:
 1:100
 DATE:
 JUN 2022
 DRAWN BY:
 LE, SH

DRAWING #
A8.00

| FINISH LEGEND | |
|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PT-1 | BENJAMIN MOORE #2121-20 STEEL WOOL |
| PT-2 | BENJAMIN MOORE #2121-40 SILVER HALF DOLLAR |
| PT-3 | BENJAMIN MOORE #2001-10 RUBY RED |
| PT-4 | BENJAMIN MOORE #2120-70 STONE WHITE |
| PT-5 | BENJAMIN MOORE #2124-10 WROUGHT IRON |
| FRP | FIBRE REINFORCED PANEL - KEMULTE, SEQUENTA STRUCTGLASS FRP, PANELS 77096 3/32" THICK, OFF-WHITE PANELS |
| METAL LINER | 26GA INTERIOR METAL LINER |
| EXPOSED & CONC. | BACK OF IMP SIDING EXPOSED AND EXPOSED POURED CONC. WALL UP TO 1220MM A.F.F. |
| FFC | FAIR FACE EXPOSED CONCRETE BLOCK WALL, PAINTED TO MATCH WHITE BONE, QC 56069 |
| EXPOSED & CB | BACK OF IMP SIDING EXPOSED AND EXPOSED 5/8" CEMENT BOARD UP TO 1220MM A.F.F. ENSURE THAT THE CEMENT BOARD STAMPS ARE NOT VISIBLE. |
| CL-PT | BENJAMIN MOORE WHITWATER BAY OC-70 |
| ACT | 24"x48" SUSPENDED ACOUSTIC CEILING TILES - MODEL - CORTEGA SECOND LOOK II - ARMSTRONG #2767 COLOR : WHITE/ WITH PRELUDE XL 15/16" SUSPENSION |
| CER-1 | 'OLYMPIA TILE' METROPOLITAN 8X8" PURITAN GREY (MT.PTN.GREY.8X8) COVE BASE (MT.PTN.GREY.6X8.CB) C/B OUTER LEFT (MT.PTN.GREY.6X8CBOL) C/B OUTER RIGHT (MT.PTN.GREY.6X8CBOR) C/B INNER (MT.PTN.GREY.6X8CB) QUARRY TILE DCOF =0.60. MUST USE WITH MATCHING PRE-MOULD COVE BASE TILE. INSIDE AND OUTSIDE CORNERS IN SAME COLOUR. MORTAR: FLEXITILE #50 THINSET GREY. FLEXITILE FLEX-EPOXY 100. GROUT COLOUR: PEWTER GREY. NOMINAL 3/8" JOINT WIDTHS (WASHROOMS AND JAN. ROOM) |
| CER-2 | INTERIOR FLOOR TILE 'LEA STONE' 12"x24", PORCELAIN TILE, MATTE FINISH. 4" BASE TILE TO MATCH FLOOR TILE COLOUR. TILE COLOUR: GREY. GROUT: FLEXITILE #885 CHARCOAL SANDIED GROUT. GROUT COLOUR: CHARCOAL 1/8" SPACING. TO BE INSTALLED IN HALF BOND BRICK PATTERN (STAIRS, OFFICE AND CANTEEN AREAS). ENSURE BASE TILE RUNS BEHIND LOCKER BASES |
| VINYL | EXPONA COMMERCIAL VINYL FLOOR TILE, 304.8X914.4mm COLOUR: #5058 DOVETAIL SLATE. |
| TARK | 'TARKETT, TRADITIONAL VINYL WALL BASE' 4" HIGH, 0.08" THICK, TOELESS. COLOUR: #48 GREY WG. FOR ALL VINYL FLOORING |
| CONC | 6" POURED CONCRETE FLOOR, REFER TO STRUCT DWGS FOR SPEC. G.C. TO INSTALL 'EUCC DIAMOND HARD' LIQUID DENSIFIER & SEALER AND 'EUCC QUIKJOINT UV' UV-RESISTANT PLYUREA FLOOR JOINT FILLER |
| CON1 | 6" POURED CONCRETE FLOOR, REFER TO STRUCT DWGS FOR SPEC. G.C. TO INSTALL EPOXY FLOOR FINISH, COLOUR "DOMINOS" IN THE RETAIL AREA, COORDINATE SPEC WITH OWNER |
| NOTE | WALL BASE FOR CON-1 TO BE 4" JOHNSONITE RUBBER BASE SUCH AS 63 BURNT UMBER |
| NOTE | ALL DOORS AND FRAMES ARE PAINTED GRAY WITH # 2121-20 STEEL WOOL - BENJAMINE MOORE |

NOTES
 1- ALL INTERIOR AND EXTERIOR BOLLARDS ARE PAINTED GALVANIZED STEEL - YELLOW
 2- ALL GARAGE DOORS TRACKS AND SUPPORTS ARE UNPAINTED GALVANIZED STEEL, ALL STEEL BENT PLATES AND C-CHANNELS TO BE PAINTED FACTORY GRAY.
 3- G.C. TO INSTALL SCHULTER TRANSITION STRIP/DOOR THRESHOLD AT ALL DOOR THRESHOLD LOCATIONS TO ENSURE A SMOOTH TRANSITION BETWEEN TILE, VINYL AND CONCRETE FLOOR, TYP.



| ROOM FINISHES SCHEDULE | | | | | | | |
|------------------------|-----------------------|----------------|------|----------------|---------|-------|-------------------------------------------------------------------------|
| ROOM # | WALLS (PROJECT NORTH) | | | | CEILING | FLOOR | NOTES |
| | N | S | E | W | | | |
| RECP 101 | PT-2 | PT-2 | PT-1 | PT-2 | CL-PT | CER-2 | |
| SCALE 102 | PT-2 | PT-2 | PT-1 | PT-2 | CL-PT | CER-2 | |
| JAN RM 103 | FRP | FRP | FRP | FRP | CL-PT | CER-1 | STAINLESS STEEL ON WALL AROUND MOP SINK UP TO 4" HIGH |
| RESERVED 104 | - | - | - | - | - | - | |
| UNI. WC 105 | FRP | FRP | FRP | FRP | CL-PT | CER-1 | |
| UNI. WC 106 | FRP | FRP | FRP | FRP | CL-PT | CER-1 | |
| CANTEEN 107 | PT-2 | PT-2 | PT-1 | PT-2 | CL-PT | CER-2 | |
| STORAGE 108 | PT-2 | PT-2 | PT-2 | PT-2 | CL-PT | CER-1 | |
| LOCKER RM. 109 | PT-2 | PT-2 | PT-2 | PT-2 | OPEN | CER-2 | |
| OFFICE 110 | PT-2 | PT-2 | PT-1 | PT-2 | CL-PT | CER-2 | |
| OFFICE 111 | PT-2 | PT-2 | PT-1 | PT-2 | CL-PT | CER-2 | |
| INTERIOR STORAGE 112 | EXPOSED & CONC | EXPOSED & CONC | FFC | FFC | OPEN | CONC | |
| DEPOLLUTION AREA 113 | FFC | EXPOSED & CONC | FFC | EXPOSED & CONC | OPEN | CONC | INSTALL METAL ANGLE CLOSURE PIECE AT BOTTOM, TOP & EDGES OF METAL LINER |
| LOCKER RM. 114 | PT-4 | PT-4 | PT-4 | PT-4 | CL-PT | CER-2 | |
| CONFERENCE 115 | PT-4 | PT-4 | PT-4 | PT-5 | CL-PT | CER-2 | |
| CANTEEN 116 | PT-4 | PT-4 | PT-4 | PT-5 | CL-PT | CER-2 | |

| ROOM FINISHES SCHEDULE | | | | | | | |
|------------------------|-------------------------------------------------|----------------|-------------|-----------|---------|-------|---------------------------------------------------------------------------------------------------------------------|
| ROOM # | WALLS (PROJECT NORTH) | | | | CEILING | FLOOR | NOTES |
| | N | S | E | W | | | |
| UNI. WC 117 | FRP | FRP | FRP | FRP | CL-PT | CER-1 | |
| MALE WC 118 | FRP | FRP | FRP | FRP | CL-PT | CER-1 | |
| OFFICE 119 | PT-4 | PT-4 | PT-4 | PT-5 | CL-PT | CER-2 | |
| JAN 120 | FRP | FRP | - | FRP | CL-PT | CER-1 | |
| SAFE RM. 121 | PT-4 | PT-4 | PT-4 | PT-4 | CL-PT | CER-2 | |
| STORAGE 122 | PT-4 | PT-4 | PT-4 | PT-4 | CL-PT | CER-2 | |
| ELEC. RM. 123 | PT-4 | PT-4 | PT-5 | PT-4 | ACT | CER-1 | |
| RETAIL 124 | PT-4 | PT-3/PT-5 | PT-4/PT-5 | PT-4/PT-5 | OPEN | CON1 | |
| DRIVE THRU 125 | EXPOSED & CONC | EXPOSED & CONC | METAL LINER | FFC | OPEN | CONC | INSTALL METAL ANGLE CLOSURE PIECE AT BOTTOM, TOP & EDGES OF METAL LINER |
| STAIR ST-1 | NORTH, SOUTH AND EAST WALLS ARE ALL PT-5 WALLS. | | | | OPEN | CER-2 | INSTALL METAL ANGLE CLOSURE PIECE AT BOTTOM & TOP OF METAL LINER. ENSURE ALL WALL FINISHES RUN PAST STAIR STRINGERS |

1 GROUND FLOOR FINISHES PLAN
 A8.00 SCALE: 1:100

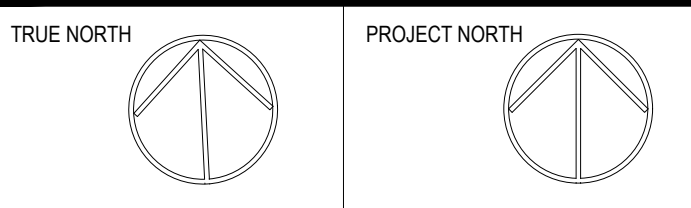
1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
 2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

| ref | description | date |
|-----|----------------------------------|------------|
| 06 | ISSUED FOR RE-TENDER | 2024-03-11 |
| 05 | ISSUED FOR PTA#2 | 2024-03-05 |
| 04 | ISSUED FOR PERMIT RFI#1 RESPONSE | 2024-02-23 |
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



OWNER:
AMERICAN IRON & METAL
 9100, BOUL. HENRI-BOURASSA EST
 MONTRÉAL, QUÉBEC H1E 2S4
 tel: 514-494-2000 aim-global.com



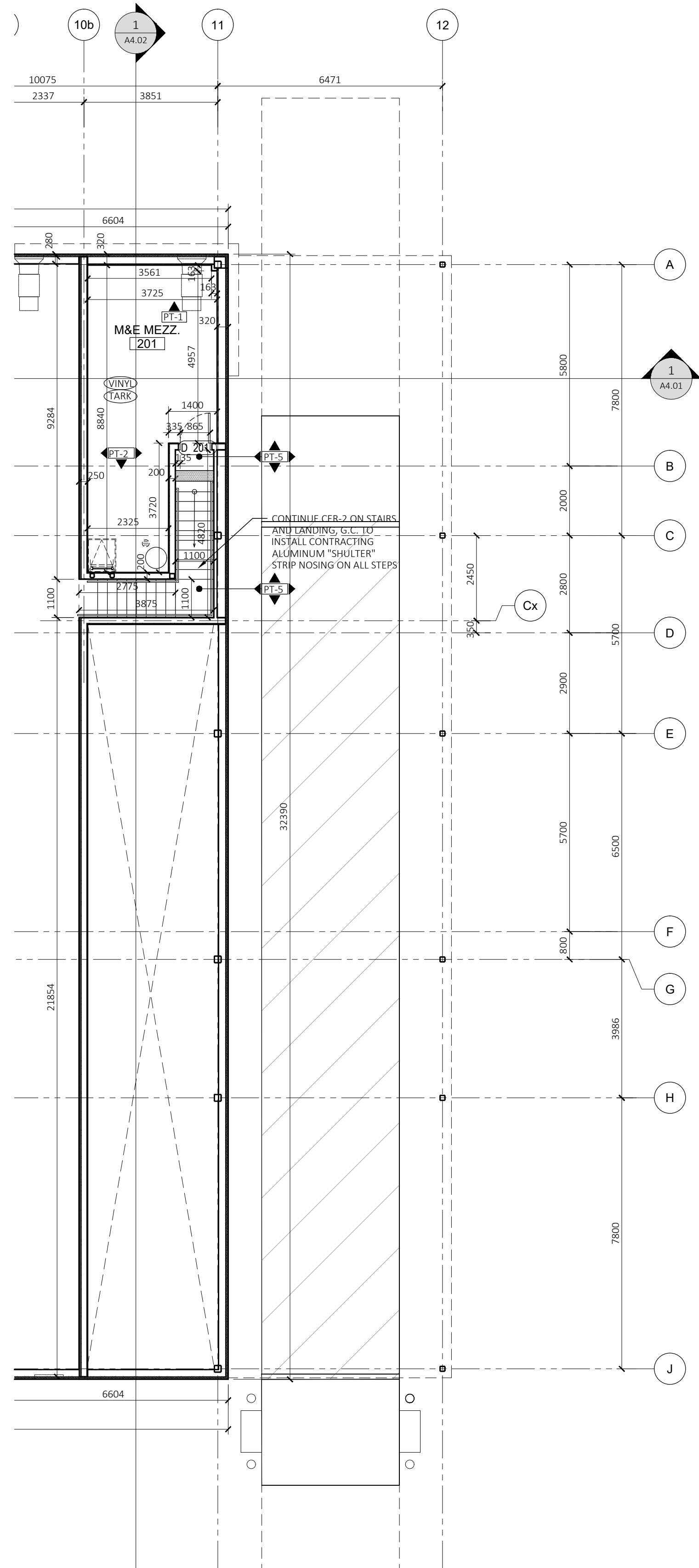
ARCHITECT
nicholas caragianis architect inc.
 137 Pamella Street,
 Ottawa, ON K1S 3K9
 t: 613 937 6801
 f: 613 937 8889
 e: info@ncarchitect.ca
 www.ncarchitect.ca

PROJECT & LOCATION
METAL RECYCLING PLANT
AIM / KENNY U-PULL
 1533 McADOO'S LANE
 KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
MEZZANINE FLOOR FINISHES PLAN

SCALE: 1:100
 DATE: JUN 2022
 DRAWN BY: LE, SH,
 DRAWING # **A8.01**



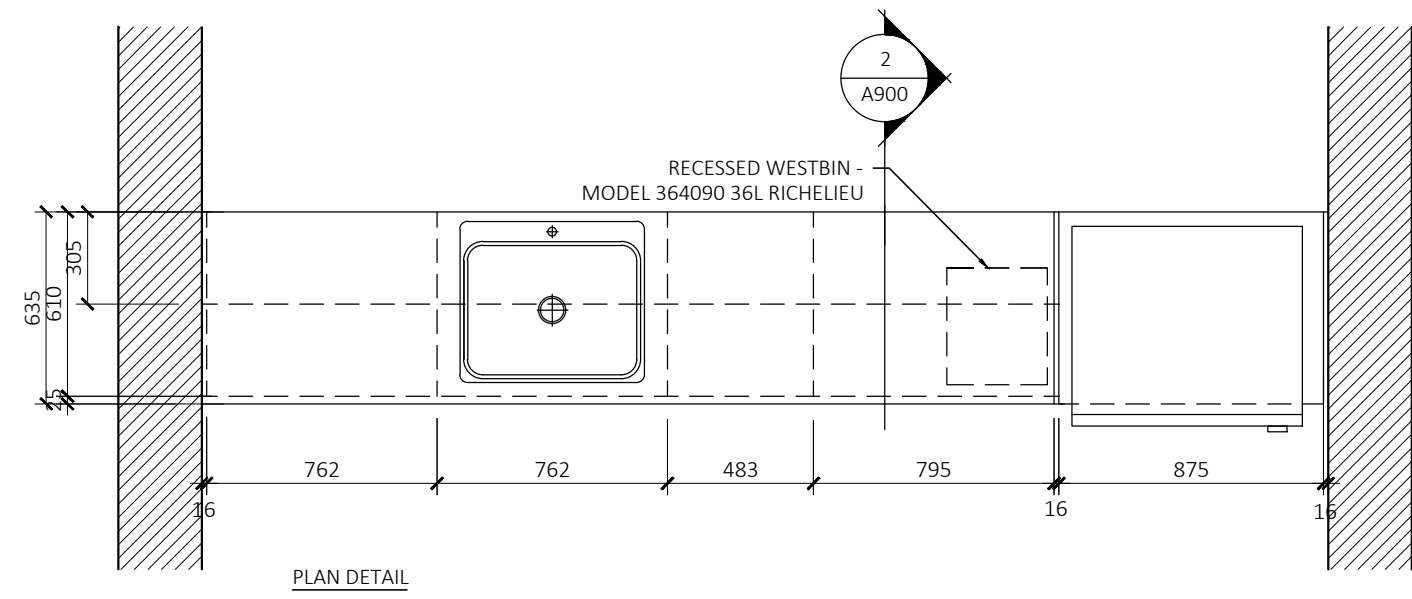
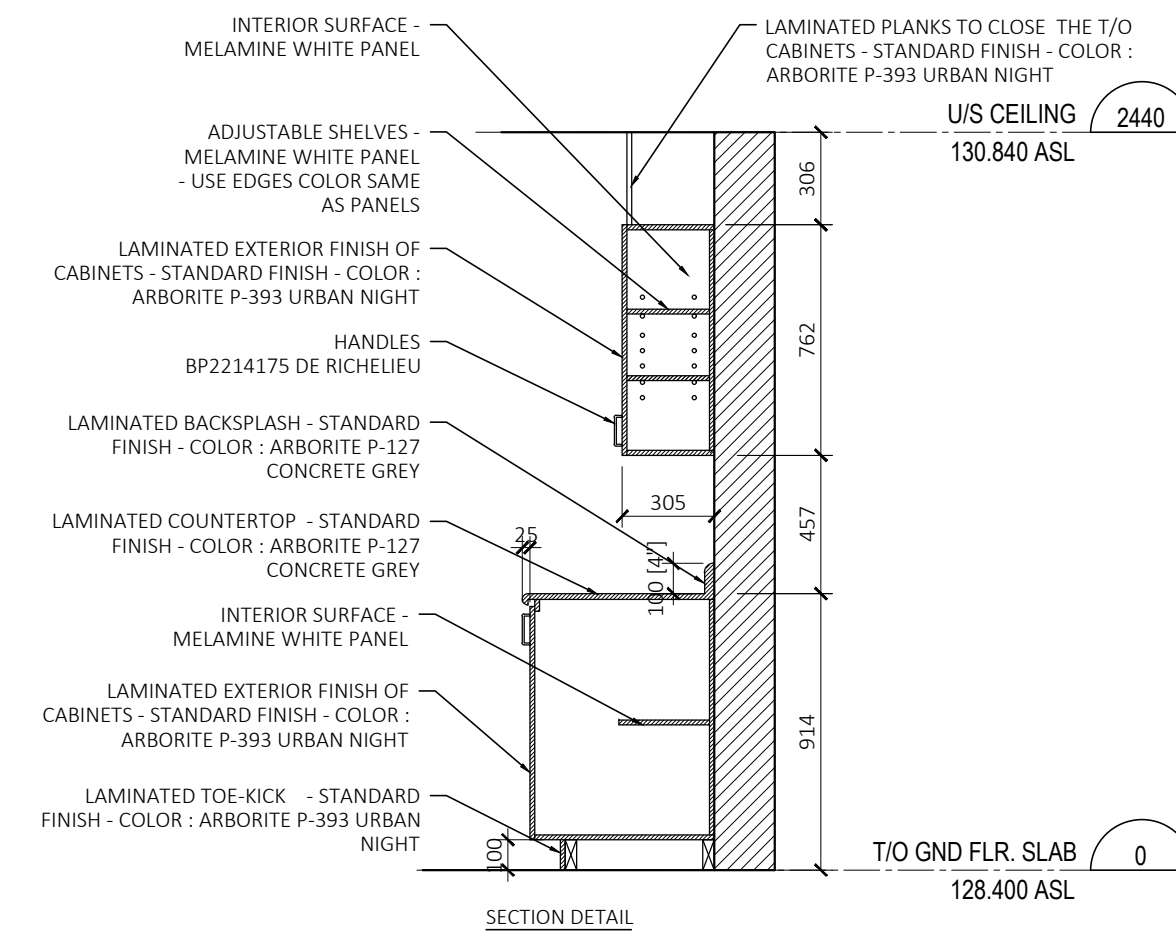
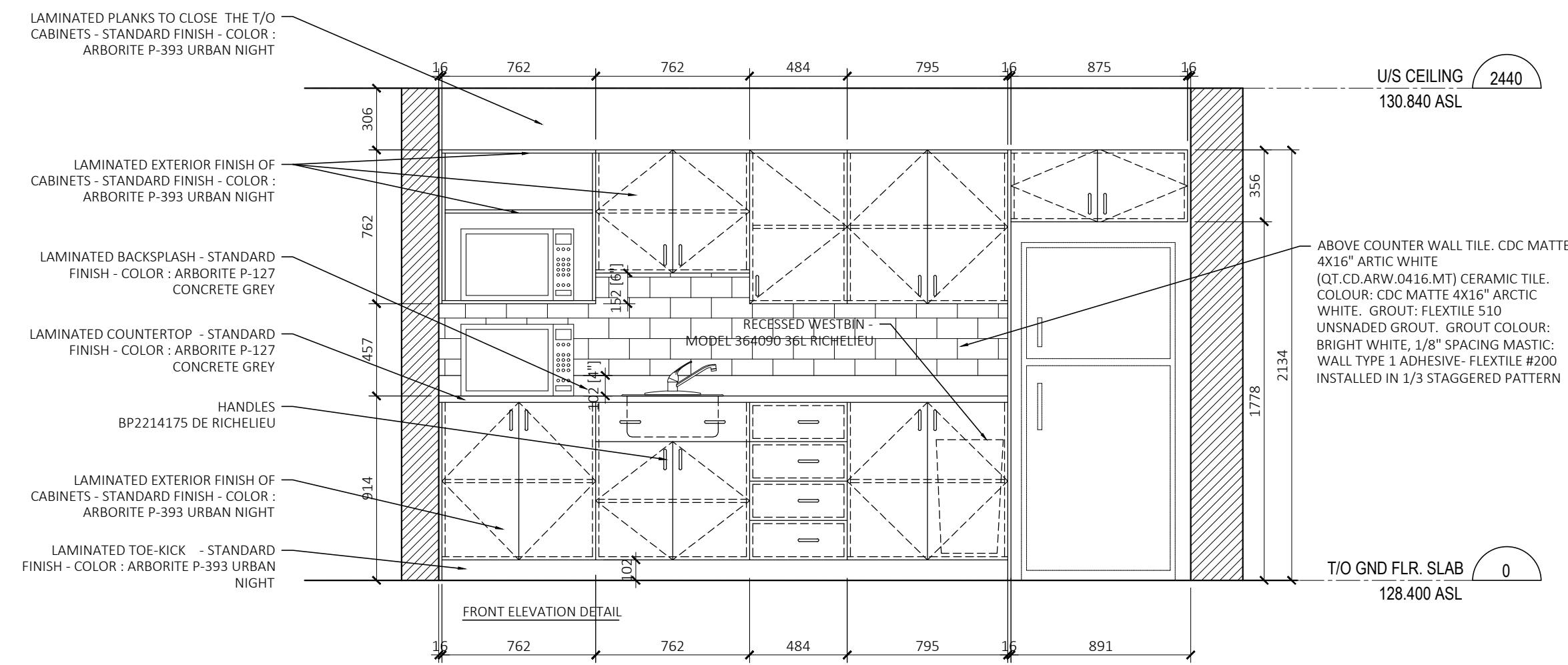
FINISH LEGEND

| | | |
|----------------|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PT-1 | | BENIAMIN MOORE #2121-20 STEEL WOOL |
| PT-2 | | BENIAMIN MOORE #2121-40 SILVER HALF DOLLAR |
| PT-3 | | BENIAMIN MOORE #2001-10 RUBY RED |
| PT-4 | | BENIAMIN MOORE #2120-70 STONE WHITE |
| PT-5 | | BENIAMIN MOORE #2124-10 WROUGHT IRON |
| FRP | | FIBRE REINFORCED PANEL - KEMULTE, SEQUENTA STRUCTGLASS FRP, PANELS 77096 3/32" THICK, OFF-WHITE PANELS |
| METAL LINER | | 26GA INTERIOR METAL LINER |
| EXPOSED & CONC | | BACK OF IMP SIDING EXPOSED AND EXPOSED POURED CONC. WALL UP TO 1220MM A.F.F. |
| FFC | | FAIR FACE EXPOSED CONCRETE BLOCK WALL, PAINTED TO MATCH WHITE BONE, QC 56069 |
| EXPOSED & CB | | BACK OF IMP SIDING EXPOSED AND EXPOSED 5/8" CEMENT BOARD UP TO 1220MM A.F.F. ENSURE THAT THE CEMENT BOARD STAMPS ARE NOT VISIBLE. |
| CL-PT | | BENIAMIN MOORE WHITEWATER BAY QC-70 |
| AC-T | | 24"x48" SUSPENDED ACOUSTIC CEILING TILES - MODEL - CORTEGA SECOND LOOK II - ARMSTRONG #2767 - COLOR : WHITE/ WITH PRELUDE XL 15/16" SUSPENSION |
| CER-1 | | 'OLYMPIA TILE' METROPOLITAN 8X8" PURITAN GREY (MT.PTN.GREY.6X8) COVE BASE (MT.PTN.GREY.6X8.CB) C/B OUTER LEFT (MT.PTN.GREY.6X8CBOL) C/B OUTER RIGHT (MT.PTN.GREY.6X8CBOR) C/B INNER (MT.PTN.GREY.6X8CBI) QUARRY TILE DCOF = 0.60. MUST USE WITH MATCHING PRE MOULD 6X8" COVE BASE TILE. INSIDE AND OUTSIDE CORNERS IN SAME COLOUR. MORTAR: FLEXITILE #50 THINSET GREY. FLEXITILE FLEX EPOXY 100, GROUT COLOUR: PEXTER GREY, NOMINAL 3/8" JOINT WIDTHS (WASHROOMS AND JAN. ROOM) |
| CER-2 | | INTERIOR FLOOR TILE 'LEA STONE' 12"x24", PORCELAIN TILE, MATTE FINISH. 4" BASE TILE TO MATCH FLOOR TILE COLOUR. TILE COLOUR: GREY. GROUT: FLEXITILE #685 CHARCOAL SANDED GROUT. GROUT COLOUR: CHARCOAL 1/8" SPACING. TO BE INSTALLED IN HALF BOND BRICK PATTERN (STAIRS, OFFICE AND CANTEEN AREAS). ENSURE BASE TILE RUNS BEHIND LOCKER BASES |
| VINYL | | EXPONA COMMERCIAL VINYL FLOOR TILE, 304.8X914.4mm COLOUR: #5058 DOVETAIL SLATE. |
| TARK | | 'TARKETT, TRADITIONAL VINYL WALL BASE' 4" HIGH, 0.08" THICK, TOELESS, COLOUR: #48 GREY WG. FOR ALL VINYL FLOORING |
| CONC | | 6' POURED CONCRETE FLOOR, REFER TO STRUCT DWGS FOR SPEC. G.C. TO INSTALL 'EUCCO DIAMOND HARD' LIQUID DENSIFIER & SEALER AND EUCCO DOWNDENT UV-R RESISTANT PLYUREA FLOOR JOINT FILLER |
| CON-1 | | 6' POURED CONCRETE FLOOR, REFER TO STRUCT DWGS FOR SPEC. G.C. TO INSTALL EPOXY FLOOR FINISH, COLOUR "DOMINOS" IN THE RETAIL AREA. COORDINATE SPEC WITH OWNER |
| NOTE | | WALL BASE FOR CON-1 TO BE 4" JOHNSONITE RUBBER BASE SUCH AS 63 BURNT UMBER |
| NOTE | | ALL DOORS AND FRAMES ARE PAINTED GRAY WITH # 2121-20 STEEL WOOL - BENIAMINE MOORE |

NOTES

- 1- ALL INTERIOR AND EXTERIOR BOLLARDS ARE PAINTED GALVANIZED STEEL - YELLOW
- 2- ALL GARAGE DOORS TRACKS AND SUPPORTS ARE UNPAINTED GALVANIZED STEEL, ALL STEEL BENT PLATES AND C-CHANNELS TO BE PAINTED FACTORY GRAY.
- 3- G.C. TO INSTALL SCHULTER TRANSITION STRIP/DOOR THRESHOLD AT ALL DOOR THRESHOLD LOCATIONS TO ENSURE A SMOOTH TRANSITION BETWEEN TILE, VINYL AND CONCRETE FLOOR, TYP.

MEZZANINE FLOOR FINISHES PLAN
 A8.01 SCALE: 1:100



1. Contractor must verify all job dimensions, all drawings, details, specifications and report any discrepancies to owners before proceeding with work.
2. All drawings and specifications are instruments of service and the property of the architects which must be returned at the completion of the work, and may not be reproduced without their written permission.

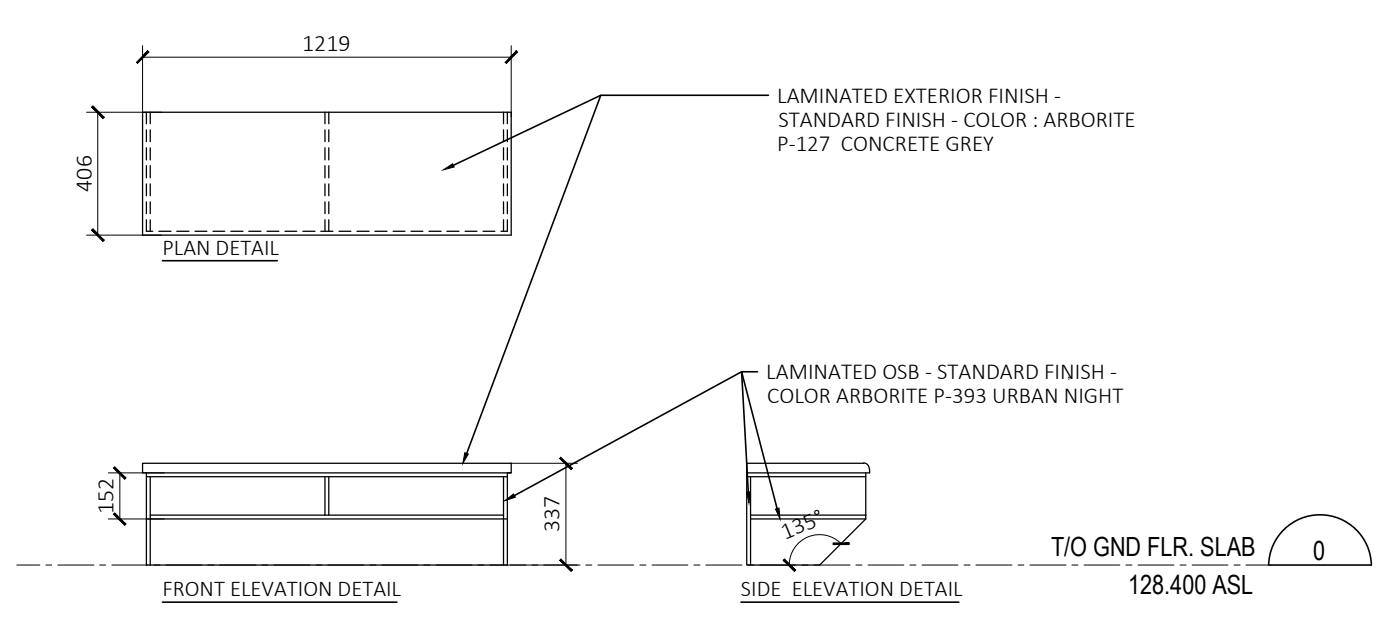
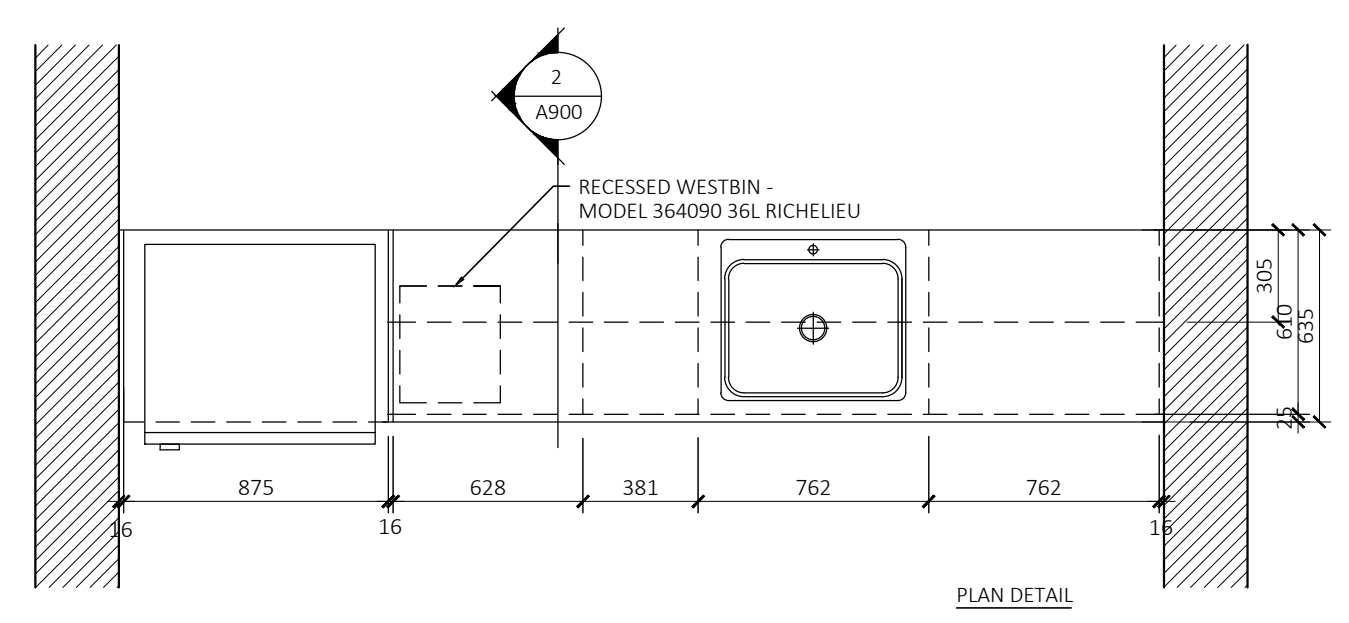
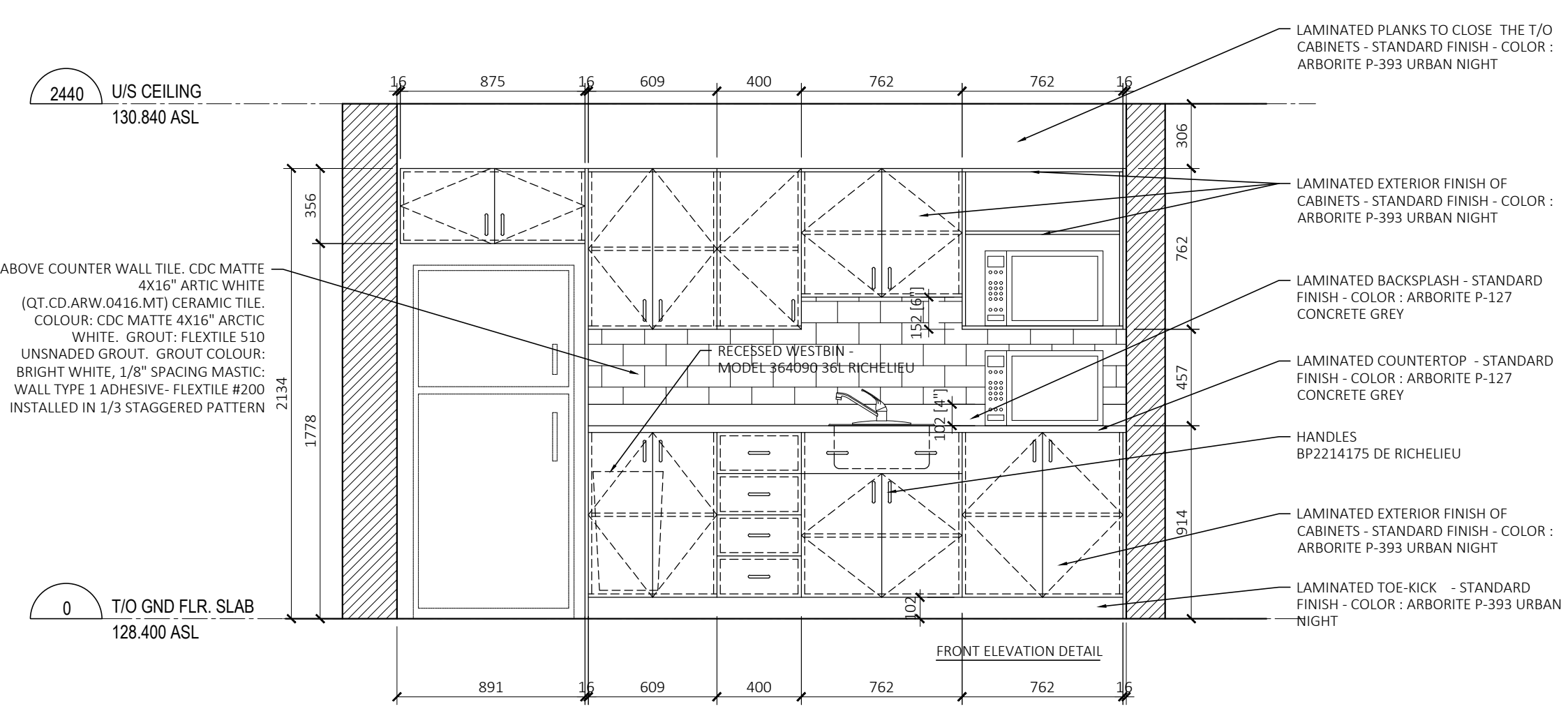
| ref | description | date |
|-----|----------------------------|------------|
| 03 | ISSUED FOR PERMIT | 2023-04-14 |
| 02 | ISSUED FOR ADDENDUM #2 | 2023-03-16 |
| 01 | ISSUED FOR BUILDING TENDER | 2023-02-13 |

revisions



2 CANTEEN 107 - MILLWORK DETAILS

A9.00 SCALE: 1:25



1 CANTEEN 116 - MILLWORK DETAILS

A9.00 SCALE: 1:25

3 RECEPTION - MILLWORK DETAILS

A9.00 SCALE: 1:25

OWNER:
AMERICAN IRON & METAL
9100, BOUL. HENRI-BOURASSA EST
MONTREAL, QUEBEC H1E 2S4
tel: 514-494-2000 aim-global.com

TRUE NORTH PROJECT NORTH

ARCHITECT
nicholas caragianis architect inc.
137 Pamela Street,
Ottawa, ON K1S 3K9
t: 613 937 6901
f: 613 937 8889
e: info@ncarchitect.ca
www.ncarchitect.ca

PROJECT & LOCATION
**METAL RECYCLING PLANT
AIM / KENNY U-PULL**
1533 McADOO'S LANE
KINGSTON

OFFICE FILE NUMBER 20014

TITLE OF DRAWING
**CANTEEN & RECEPTION
MILLWORK DETAILS**

SCALE: 1:25
DATE: JUN 2022
DRAWN BY: LE, SH.
DRAWING # **A9.00**