

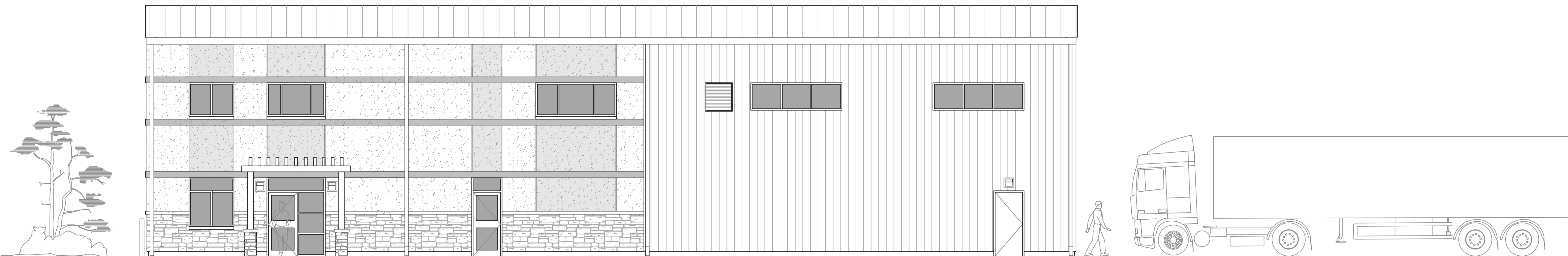
**BRY-AIN HOLDINGS LTD.  
EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD, CARP, ONTARIO

ISSUED FOR BUILDING PERMIT  
2018/01/29



**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
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NO.	ISSUE	DATE (BY/INITIALS)
01	ISSUED FOR BUILDING PERMIT APPLICATION	2018/01/29
00	ISSUED FOR SITE PLAN CONTROL APPLICATION	2017/09/19

ORIENTATION

SEAL  
ONTARIO ASSOCIATION OF ARCHITECTS  
AHMED AREF  
LICENCE 7706

**A+** architecture

**A+ Architecture Inc.**  
555 LEGGET DRIVE  
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+1 613 899 6860  
info@aplus-arch.com  
www.aplus-arch.com

CLIENT  
**BRY-AIN HOLDINGS LTD.**

PROJECT  
**EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE  
**COVER SHEET  
OBC MATRIX  
DRAWING LIST**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A0.0</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01

PROJECT TEAM	
DESIGN BUILDER	<b>ARGUE CONSTRUCTION LTD.</b> 2900 CARP ROAD CARP, ONTARIO, K0A 1L0 TEL.: (613) 831-7044 FAX.: (613) 831-6344
ARCHITECT	<b>A+ ARCHITECTURE INC.</b> 555 LEGGET DRIVE, TOWER A, SUITE 304 KANATA, ONTARIO, K2K 2X3 E-mail: info@aplus-arch.com TEL.: (613) 899-6860 FAX.: (613) 800-2204
STRUCTURAL CONSULTANT	<b>CLELAND JARDINE ENGINEERING LTD.</b> 580 TERRY FOX DRIVE, SUITE 200 KANATA, ONTARIO, K2L 4B9 E-mail: mail@clelandjardine.com TEL.: (613) 591-1533 FAX.: (613) 591-1703
CIVIL ENGINEERING CONSULTANT	<b>D. B. GRAY ENGINEERING INC.</b> 700 LONG POINT CIRCLE, OTTAWA, ONTARIO, K1T 4E9 E-mail: dbgray@rogers.com TEL.: (613) 425-8044
MECHANICAL & ELECTRICAL CONSULTANT	M&E ENGINEERING 205 KINCARDINE DRIVE KANATA, ONTARIO, K2V LC5 TEL.: (613) 836-3420 FAX.: (613) 836-5957

DRAWING LIST	
<b>ARCHITECTURAL</b>	<b>MECHANICAL</b>
A0.0 COVER SHEET	M-1 GROUND AND SECOND FLOOR PLUMBING LAYOUTS
A0.1 OBC MATRIX	M-2 GROUND AND SECOND FLOOR HVAC LAYOUTS
A1.0 SITE PLAN	M-3 PLUMBING SPECIFICATIONS
A2.0 FOUNDATION AND ROOF PLANS	M-4 HVAC SPECIFICATIONS
A2.1 FIRST AND SECOND FLOOR PLANS, WALL ASSEMBLIES	<b>ELECTRICAL</b>
A2.2 FIRST AND SECOND FLOOR REFLECTED CEILING PLANS	E-1 SITE PLAN ELECTRICAL LAYOUT
A3.0 EXTERIOR ELEVATIONS	E-2 GROUND AND SECOND FLOOR POWER LAYOUTS
A4.0 BUILDING SECTIONS	E-3 GROUND AND SECOND FLOOR LIGHTING LAYOUTS
A5.0 WALL SECTIONS	E-4 ELECTRICAL SPECIFICATIONS
A5.1 DETAILS	<b>CIVIL</b>
A6.0 WASHROOM ENLARGED PLANS, ELEVATIONS AND DETAILS	C-1 SITE SERVICING AND PART GRADING PLAN
A6.1 STAIR ENLARGED PLANS AND SECTION	C-2 GRADING PLAN AND EROSION AND SEDIMENT CONTROL PLAN
A6.2 KITCHEN ENLARGED PLAN, ELEVATION, AND TYPICAL STAIR DETAILS	C-3 NOTES AND DETAILS
A7.0 SCHEDULES	C-4 DRAINAGE PLAN (INFILTRATION TRENCHES)
A7.1 DOOR HARDWARE SCHEDULES	<b>LANDSCAPING</b>
<b>STRUCTURAL</b>	L1.0 LANDSCAPE PLAN
S000 GENERAL NOTES AND DETAILS	
S100 PLANS AND SECTIONS	

**KEY MAP/PROJECT LOCATION**

**NEW REPAIR GARAGE/OFFICE BUILDING**  
2688 CARP ROAD, CARP, ONTARIO

NOT TO SCALE  
PROJECT LOCATION FROM GOOGLE MAPS





<b>Name of Practice:</b> A+ Architecture Inc. 555 Legget Drive, Tower A, Suite 304 Kanata, ON K2K 2X3 <b>Name of Project:</b> Heavy Equipment Repair Garage <b>Location:</b> 2688 Carp Road, Carp, ON <b>Date:</b> 2017-12-31			
<b>Ontario Building Code Data Matrix          Part 9 Housing and Small Buildings</b>			
9.00	Building Code Version: <u>O_Reg_332/12</u> Last Amendment: <u>O_Reg_191/14</u>	Building Code Reference: <u>776</u>	
9.01	Project Type: <input checked="" type="checkbox"/> New <input type="checkbox"/> Addition <input type="checkbox"/> Renovation <input type="checkbox"/> Change of use <input type="checkbox"/> Addition and renovation Description: <u>N/A</u>	[A] 1.1.2.	
9.02	Major Occupancy Classification: <u>Repair Garage: Medium Hazard Industrial Occupancy (Group F, Div. 2)</u> <u>Office: Business and Personal Services Occupancy (Group D)</u>	9.10.2.	
9.03	Superimposed Major Occupancies: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A Description: <u>N/A</u>	9.10.2.3.	
9.04	Building Area (m <sup>2</sup> ): Description: Existing New Total <u>Building area</u> 0 599 599	[A] 1.4.1.2.	
9.05	Gross Area (m <sup>2</sup> ): Description: Existing New Total <u>Gross area (building area + second floor area)</u> 0 725 725	[A] 1.4.1.2.	
9.06	Mezzanine Area (m <sup>2</sup> ): Description: Existing New Total <u>N/A</u> 0 0 0	9.10.4.1.	
9.07	Building Height: <u>2</u> Storeys above grade (m) Above grade <u>0</u> Storeys below grade	[A] 1.4.1.2. & 9.10.4.	
9.08	Number of Streets/Firefighter Access: <u>1</u> street(s)	9.10.20.	
9.09	Sprinkler System: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required Proposed: <input type="checkbox"/> entire building <input type="checkbox"/> selected floor areas <input type="checkbox"/> selected compartments <input type="checkbox"/> basement <input checked="" type="checkbox"/> none	9.10.8.2.4.	
9.10	Fire Alarm System: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not required Proposed: <input type="checkbox"/> Single stage <input type="checkbox"/> Not applicable <input type="checkbox"/> Two stage	9.10.18.	
9.11	Water Service/Supply is Adequate: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	9.10.13.	
9.12	Construction Type: Restriction: <input checked="" type="checkbox"/> Combustible permitted <input type="checkbox"/> Non-combustible required Actual: <input type="checkbox"/> Combustible <input type="checkbox"/> Non-combustible <input checked="" type="checkbox"/> Combination Heavy Timber Construction: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	9.10.6.	
9.13	Post-disaster Building: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	[A] 1.1.2.2.(2)	
9.14	Occupant Load: Floor Level/Area Occupancy Type Based On Occupant Load <u>1<sup>st</sup> Floor</u> Office 9.3 M <sup>2</sup> /person 9 <u>1<sup>st</sup> Floor</u> Repair Garage 46 M <sup>2</sup> /person 10 <u>2<sup>nd</sup> Floor</u> Office 9.3 M <sup>2</sup> /person 9 Total 24	3.1.17.	
9.15	Barrier-free Design: <input checked="" type="checkbox"/> Yes Explanation: <u>N/A</u> <input type="checkbox"/> No	9.5.2.	
9.16	Hazardous Substances: <input type="checkbox"/> Yes Explanation: <u>N/A</u> <input checked="" type="checkbox"/> No	9.10.1.3.	
9.17	Required Fire Resistance Ratings: Horizontal Assembly Rating Supporting Assembly Rating Noncombustible in lieu of rating? Floors over basement 0 0 <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A Floors 3/4 3/4 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A Mezzanine 0 0 <input type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A Roof 0 0 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes <input type="checkbox"/> N/A	9.10.8.	
9.18	Spatial Separation: Wall EBF Area (m <sup>2</sup> ) L.D. (m) Permitted Area of LPO (%) Proposed Area of LPO (%) Req'd F.R.R. (HR) Non-Comb. Cladding Req'd Non-Comb. Cladding Req'd Provided Cladding <u>North</u> 229.4 10 20 9 2 No No <input checked="" type="checkbox"/> Noncombustible <u>South</u> 229.4 56 100 11.7 N/A No No <input checked="" type="checkbox"/> Noncombustible <u>East</u> 155.6 192 100 45.6 N/A No No <input checked="" type="checkbox"/> Noncombustible <u>West</u> 155.6 52 100 36.1 N/A No No <input checked="" type="checkbox"/> Noncombustible	9.10.14., 9.10.15.	
9.19	Plumbing Fixture Requirements: Ratio: <u>Male:Female = 50:50 Except as noted otherwise</u> Floor Level/Area Occupant Load OBC Reference Fixtures Required Fixtures Provided <u>Repair Garage</u> 10 Table 3.7.4.7 1 1 <u>Office</u> 14 Table 3.7.4.9 1 1	9.31. & 3.7.4.	

### ONTARIO BUILDING CODE (2012) REVIEW SUMMARY

#### General Description:

- A two-storey building comprising of a truck repair garage on the ground floor level and a two-storey office.
- Construction assemblies: pre-engineered, prefabricated metal building, complete with metal siding and roof. Wood stud framing, wood sheathing and structural wood joist floor for the two-storey office component of the building.
- Occupancy: medium-hazard industrial occupancy (repair garage) + business and personal services occupancy (office).

Building Area: **599 Sq. M.**  
 Building Height: **2 Storeys**  
 Underground Levels: **0**

#### Application of Division B, Parts 9

Part 9 of Division B applies to this building, since the building height is less than 3 storeys, the building area does not exceed 600 sq.m., and the building is used for Group (F2) - Medium Hazard Industrial and Group (D) - Business and Personal Services occupancies. [Reference: Div. A, Part 1, 1.1.2.4.].

#### Classification of Buildings or Parts of Buildings by Major Occupancy

- Group (D) - Business and Personal Services Occupancy: offices
- Group (F), Div. (2) - Medium Hazard Industrial Occupancy: repair garage

#### Occupant Load Calculation

- Group (D) - Business and Personal Services Occupancy: offices
  - First Floor Level
    - Waiting Room (01): 5 persons (based on design)
    - Dispatcher's Office (02): 13 Sq.M./9.3 = 1.4 persons
    - General Office (03): 18.5 Sq. M./9.3 = 2 persons
    - Stock Room (05): 15 Sq. M./46 = 0.3 persons
    - Mech./Elec. Room (08): N/A
  - Second Floor Level
    - President Office (10): 18 Sq.M./9.3 = 1.9 persons
    - Office (11): 14.5 Sq.M./9.3 = 1.6 persons
    - Office (12): 15 Sq.M./9.3 = 1.6 persons
    - Lunch Room (15): N/A (no additional occupants)
- Total occupants in offices: 14 persons**
  - Group (F), Div. (2) - Medium Hazard Industrial Occupancy: repair garage
    - 456 Sq.M./46 = 10 persons
- Total occupants in repair garage: 10 persons**

#### Fire Separation for Exits

Exit stair shall be protected from the adjacent floor areas by a fire separation having a fire resistance rating not less than that required for the floor assemblies above/below the floor area. [Reference: 9.9.4.2.(1)].

#### Number of Egress Doors

Only one egress doorway is required from the second floor level, since the second floor area does not exceed 200 Sq.M. and the maximum travel distance to an egress/exit doorway does not exceed 25M. [Reference: 9.9.7.4.(1)].

#### Number of Required Exits

Only one exit is permitted on the second floor level, since the building is 2 storeys in building height, the building area and travel distance requirements conform to Article 9.9.7.4., and the total occupant load does not exceed 60 persons. [Reference: 9.9.8.2.(2)].

The maximum travel distance to an exit in the repair garage is 30M. [Reference: 9.9.8.2.(1)(c)].

#### Fire Resistance Ratings for Floors and Roofs

Floor assemblies are required to be constructed as fire separation with 45 mins. F.R.R. No fire resistance rating is required for the roof. [Reference: Table 9.10.8.1.].

#### Separation of Repair Garages

No fire separation is required between the repair garage and the office (ancillary spaces) serving the repair garage. [Reference: 9.10.9.17.(2)].

The part of the second floor that does not terminate at exterior walls shall terminate at fire separation having a F.R.R. of 45 min. [Reference: 9.10.12.1.(1)].

#### Separation of Service Rooms

No fire separation is required between the Mech./Elec. Room and the remainder of the building, since the equipment located in the room serves only one suite. [Reference: 9.10.10.4.(2)(a)].

#### Separation of Storage Rooms

No fire separation is required between the Stock Room and the remainder of the building, since the room is not used for the temporary storage of combustible refuse. [Reference: 9.10.10.6.(1)].

#### Barrier-Free Design

A barrier-free path of travel is not required to extend to the second floor level since the building is less than 3 storeys in building height and has a building area less than 600 Sq.M. [Reference: 3.8.2.1.(2)(b)].

At least one (1) universal washroom is required in the building since the total number of storeys is 2. [Reference: Table 3.8.2.3.A.].

### ONTARIO BUILDING CODE (2012) REVIEW SUMMARY (CONT'D)

#### Plumbing Fixtures

- Office:
  - Required: 1 water closet for each sex. [Reference: Table 3.7.4.7.].
  - Provided: 1 universal washroom and 1 uni-sex washroom. [Reference: 3.7.4.2.(8)].
- Repair Garage:
  - Required: 1 water closet for each sex. [Reference: Table 3.7.4.9.].
  - Provided: 1 uni-sex washroom. [Reference: 3.7.4.9.(2)(a)].

#### Energy Efficiency Requirements (Part 12 and SB-10)

Application and Compliance:  
 Part 12 applies to this building. [Reference: Division A, 1.1.2.1.(2)].

This building is permitted to conform to Division 3 or Division 5 of SB-10, since the building is within the scope of Part 9, and does not contain a residential component. [Reference: SB-10, Division 1, Article 1.1.1.3.(2)] and Note 1 to Table 1.2.1.1. in Division 3].

The "Repair Garage" occupancy is exempt from having to comply with Division 5 of SB-10. [Reference: SB-10, Division 5, 1.1.1.5., and Division 3, Table 1.2.1.1.].

#### Building Envelope:

- With reference to Division 5, Table 1.1.1.2., and considering climatic zone 1 (Kanata with 4520 degree-days below 18°C, from Table 1.2. in SB-1):
- Roof: R-35 continuous insulation
  - Building Walls (above grade): R13 + R15 continuous insulation.
  - Building Walls (below grade): R20 continuous insulation.
  - Unheated Slab on Grade Floors: R15 for 48"

**\*\*END OF ONTARIO BUILDING CODE REVIEW SUMMARY\*\***

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00 ISSUED FOR BUILDING PERMIT 2018/01/29

NO. ISSUE DATE (YY/MM/DD)

#### REVISIONS

#### ORIENTATION

#### SEAL



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 www.aplus-arch.com

#### CLIENT

**BRY-AIN HOLDINGS LTD.**

#### PROJECT

**EQUIPMENT REPAIR GARAGE**  
 2688 CARP ROAD  
 KANATA, ON K0A 1L0

#### DRAWING TITLE

**OBC MATRIX  
 OBC REVIEW SUMMARY**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A0.1</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO.
		00



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NO.	ISSUE	DATE	BY (NAME)
02	ISSUED FOR BUILDING PERMIT	2018/01/29	
01	RE-ISSUED FOR SITE PLAN CONTROL APPLICATION	2018/01/18	
00	ISSUED FOR SITE PLAN CONTROL APPLICATION	2017/09/19	

ORIENTATION

SEAL

ANNIS, O'SULLIVAN, VOLLEBEK LTD.  
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CLIENT

**BRY-AIN HOLDINGS LTD.**

PROJECT

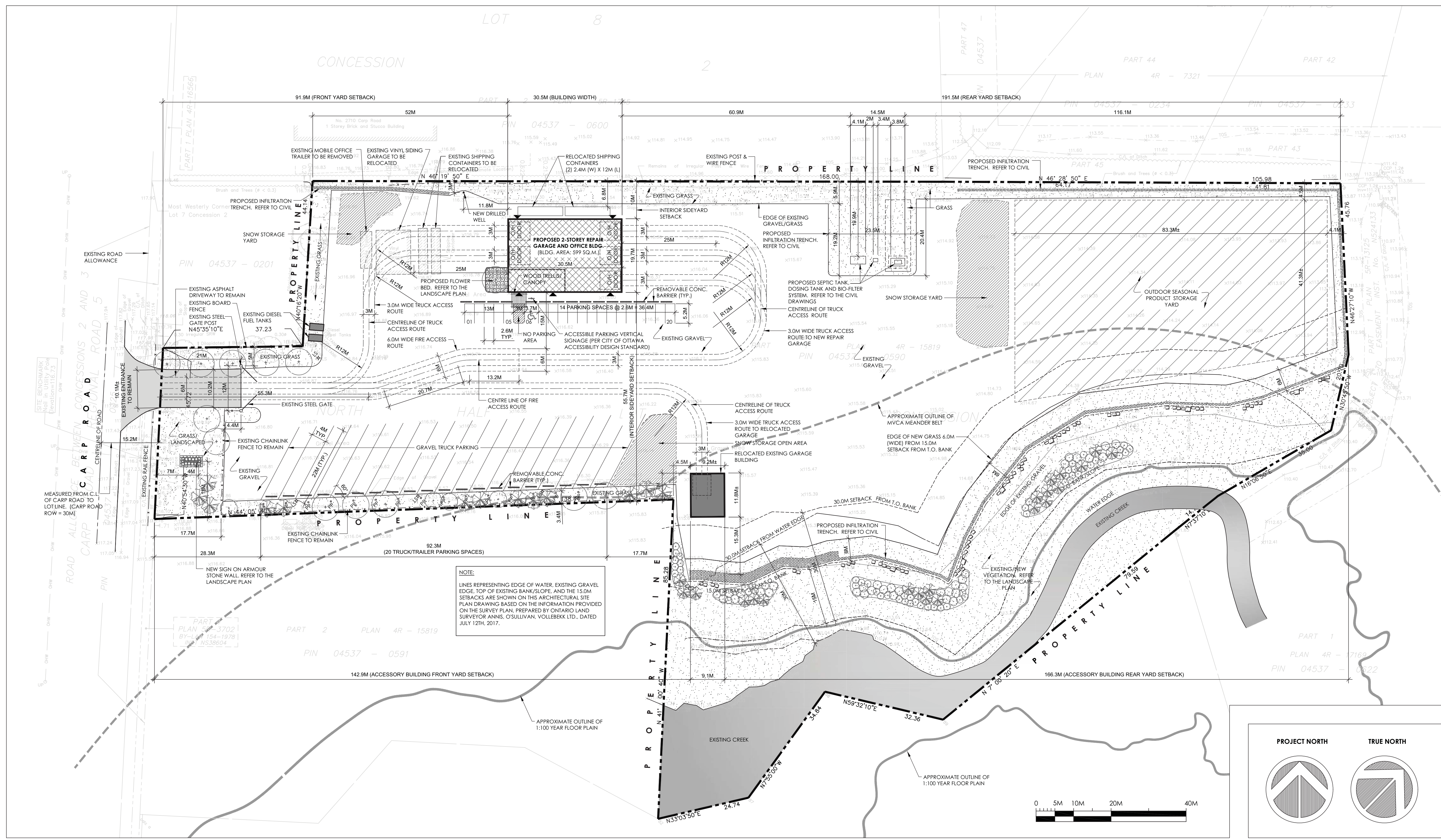
**EQUIPMENT REPAIR GARAGE**

2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE

**SITE PLAN**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A1.0</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO.
		02



1 PROPOSED SITE PLAN  
A1.0 SCALE 1:500

**ZONING DATA (BASED ON ZONING BY-LAW 2008-250)**

Municipal Address:	RG5 ZONING PROVISIONS (PRINCIPAL USE BUILDING)			RG5 ZONING PROVISIONS (ACCESSORY USE BUILDING)		
Legal Description:	ZONING MECHANISM	REQUIRED	PROVIDED	ZONING MECHANISM	REQUIRED	PROVIDED
Part of Lot 7, Concession 2, Geographic Township of Huntley, City of Ottawa	FRONT YARD SET BACK	12M (min.)	91.9M	FRONT YARD SET BACK	12M (min.)	52M
	REAR YARD SET BACK	7.5M (min.)	191.5M	REAR YARD SET BACK	7.5M (min.)	166.3M
	INTERIOR SIDE YARD SET BACK	4.5M (min.)	10M	INTERIOR SIDE YARD SET BACK	4.5M (min.)	4.5M
	PRINCIPAL BUILDING HEIGHT	15M (max.)	8.4M	ACCESSORY BLDG. HEIGHT	6M (max.)	< 6.0M
	LOT COVERAGE	50% (max.)	2.2%	BLDG. SIZE	THE GREATER OF 5% OF LOT AREA (1,600 Sq.M.) OR 150 Sq.M. (max.)	109 Sq.M. ±
	PARKING REQUIREMENTS			SETBACK FROM WATERCOURSES	30M FROM HIGH WATER MARK OR 15M FROM T.O. THE BANK (min.)	30M SETBACK FROM T.O. BANK
				AISLE AND DRIVEWAY	6.7M (min.) FOR DOUBLE TRAFFIC LANE	10.2M
				ACCESSIBLE PARKING STALL PROVISIONS	2.4M WIDE + 1.5M WIDE ACCESS AISLE (min.)	3.7M WIDE + 3M WIDE ACCESS AISLE

**Site Area:** 3.199 Ha (31,990 Sq.M.)

**Building Area:**

- New Building: 599 Sq.M.
- Existing/ Relocated Building: 109 Sq.M.
- Total Buildings Gross Area: 708 Sq.M.

**Lot Coverage:** (708/ 31,990) x 100 = 2.2%

**Gross Floor Area:**

- First Floor Area: 599 Sq.M.
- Second Floor Area: 126 Sq.M.
- Total GFA: 725 Sq.M.

**Heavy Equipment Servicing:** (Table 101 - Row N41) 0.75/100 Sq.M. GFA (473 Sq.M./100) X 0.75 = 3.5 parking spaces

**Office:** (Table 101 - Row N59) 2.4/100 Sq.M. GFA (252 Sq.M./100) X 2.4 = 6 parking spaces

**Accessory Use Building:** (Table 101 - Row N59) 2.4/100 Sq.M. GFA (109 Sq.M./100) X 2.4 = 2.2 parking spaces

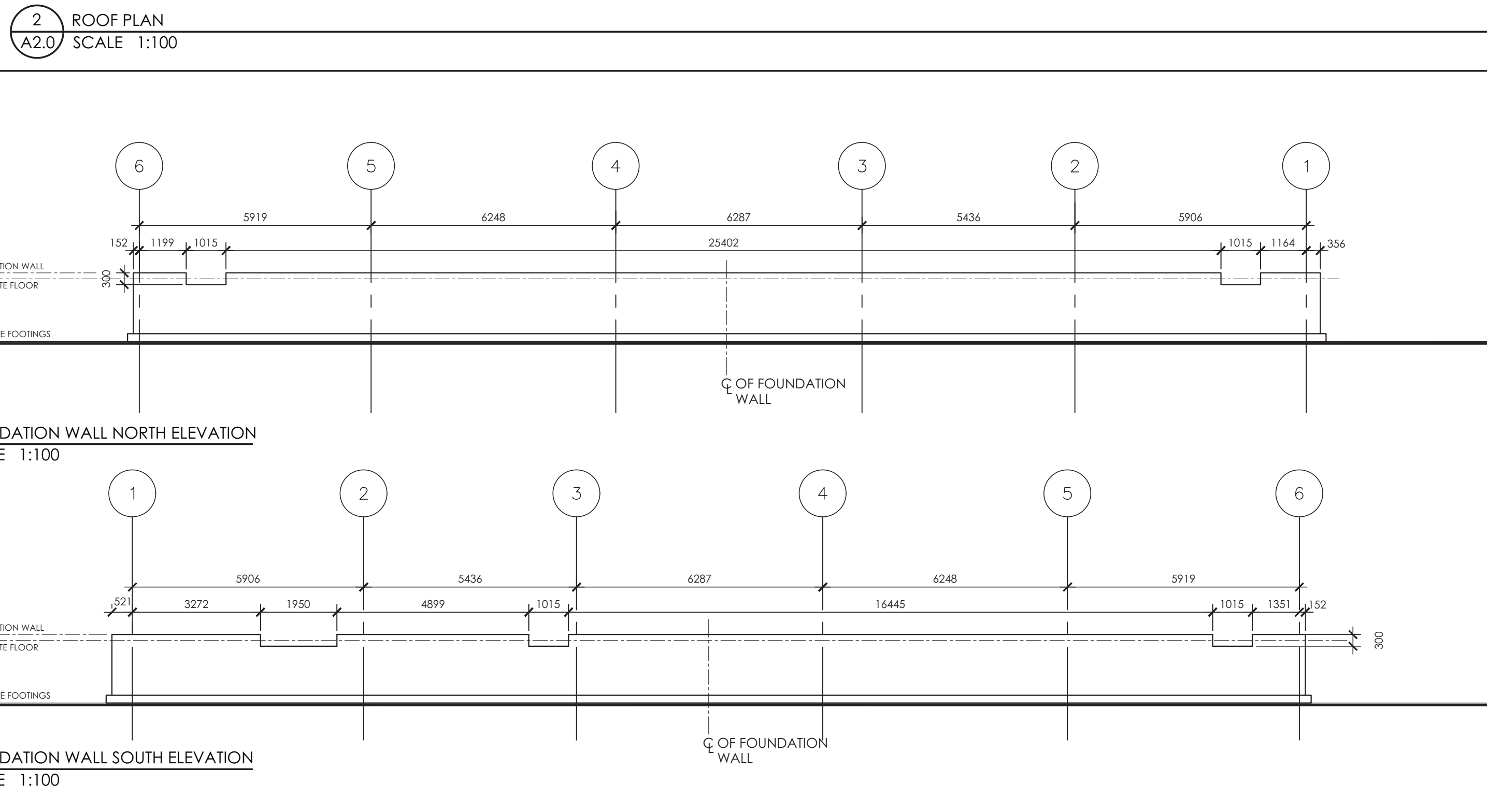
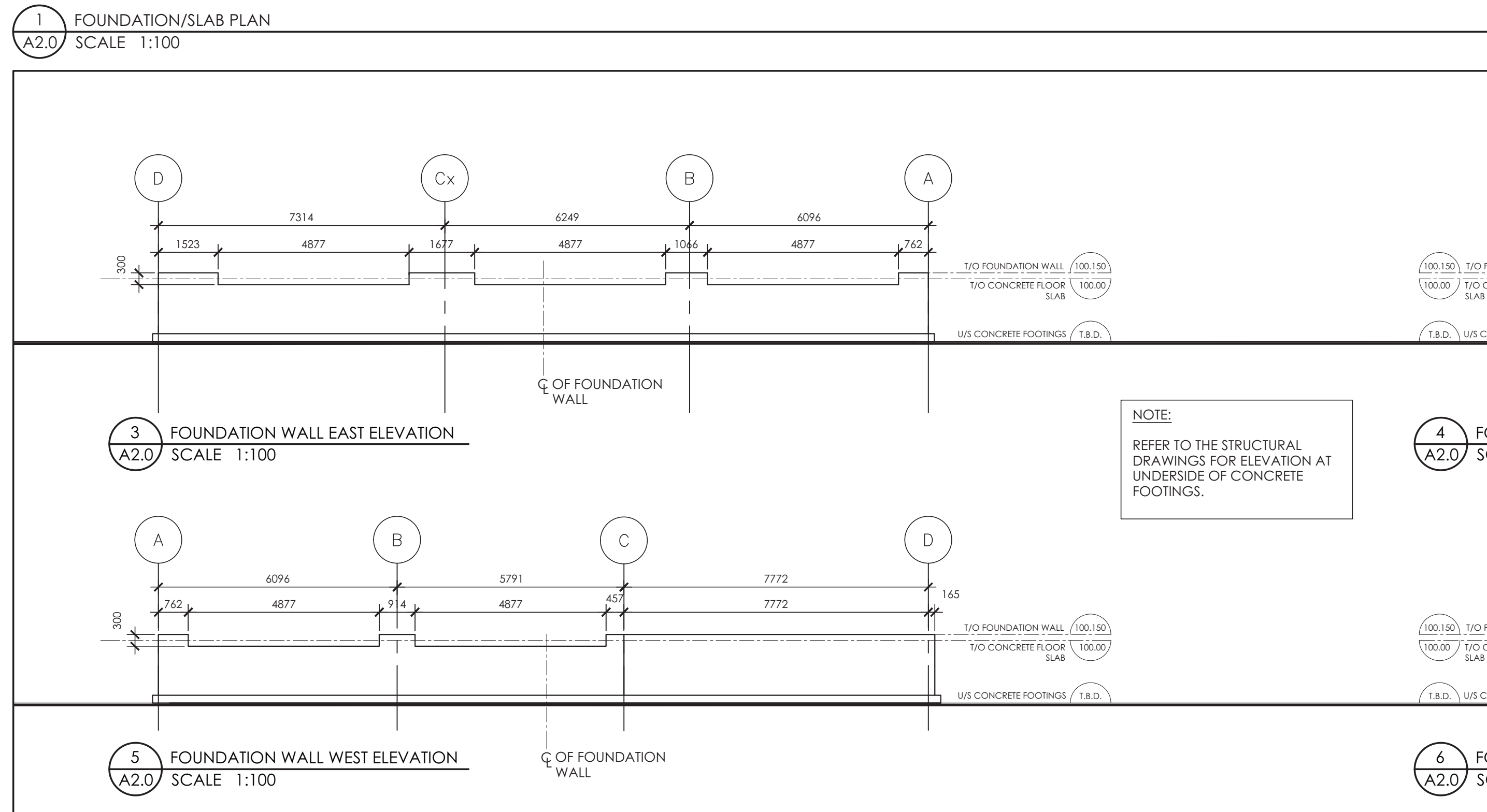
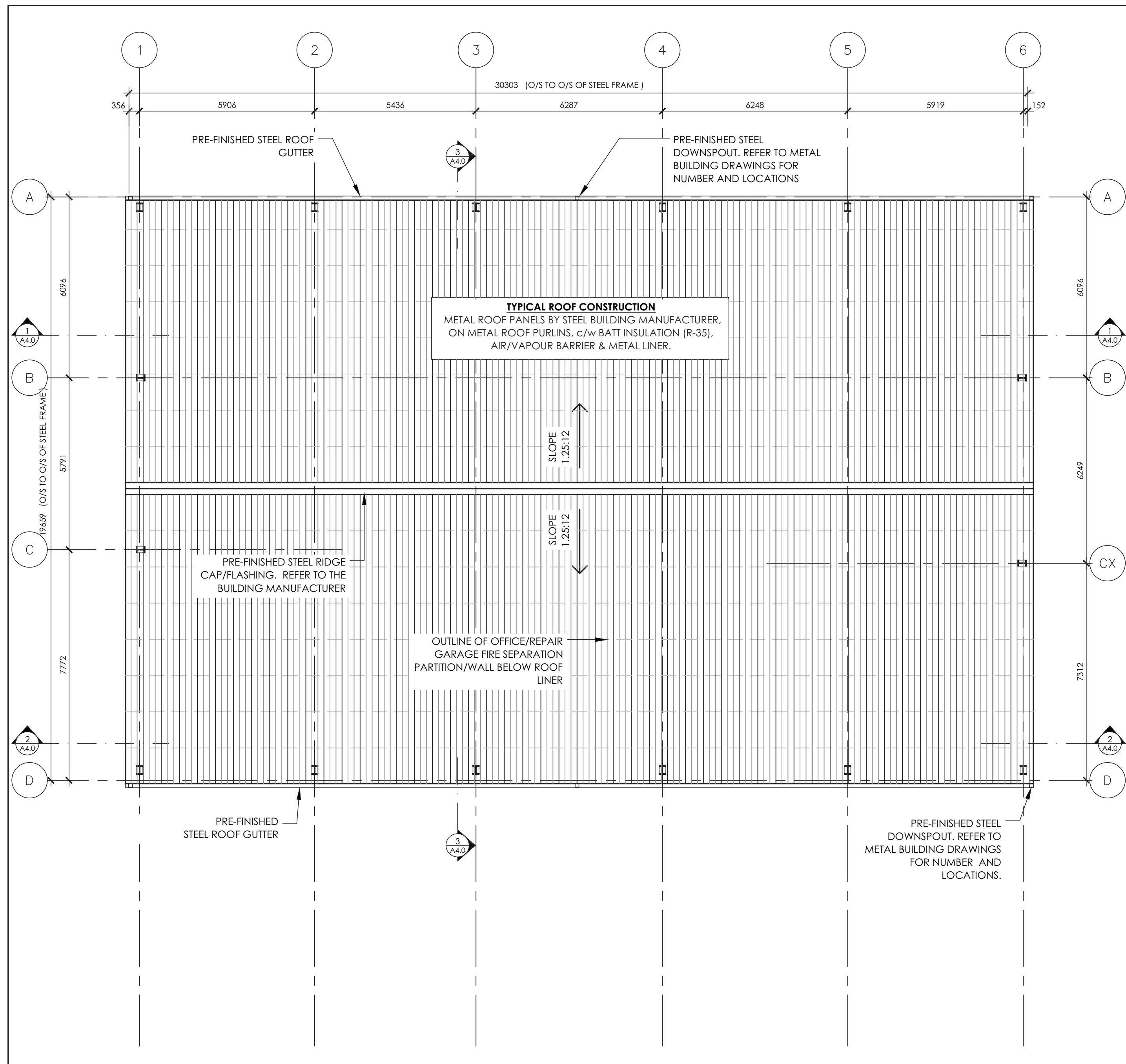
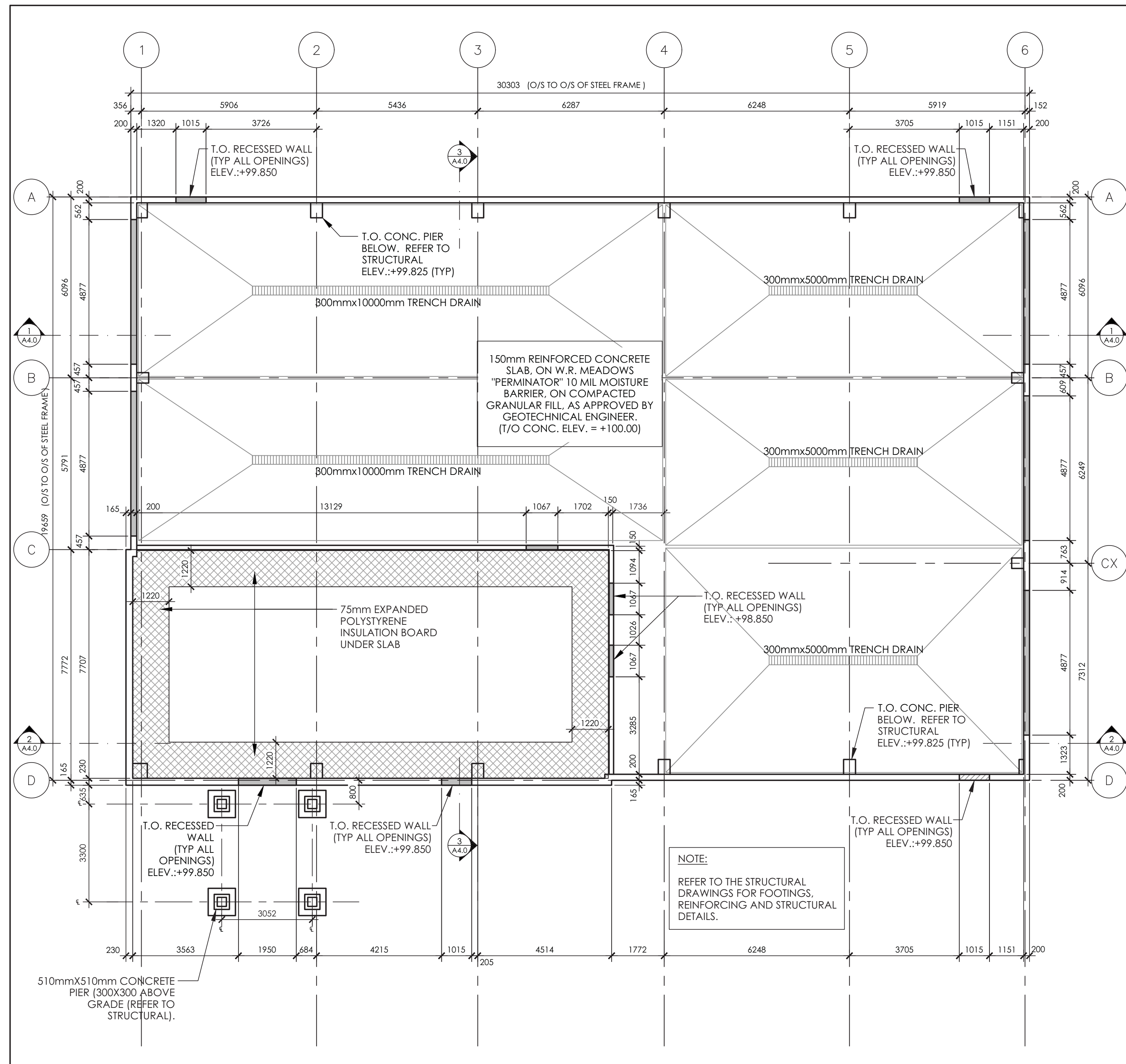
**Total: 3.5 + 6 + 2.2 = 12 spaces**

20 Parking Spaces  
1 Parking Space

**LEGEND**

	PROPERTY LINE		EXISTING ASPHALT DRIVEWAY TO REMAIN
	CENTRELINE OF FIRE ACCESS ROUTE/ TRUCK ACCESS ROUTE		EXISTING LIGHT STANDARD
	APPROXIMATE OUTLINE OF MVCA MEANDER BELT		EXISTING TRUCK POWER PLUG/BOLLARD
	OUTLINE OF NEW BUILDING		NEW BOULDERS. REFER TO THE LANDSCAPE PLAN
	OUTLINE OF EXISTING/ RELOCATED BUILDING		NEW TREES/SHRUBS/LANDSCAPING FEATURES SHOWN ON THIS DRAWING FOR COORDINATION PURPOSES ONLY. REFER TO THE LANDSCAPE PLAN FOR DETAILS
	EXISTING GRASS TO REMAIN		
	OUTLINE OF STORAGE YARD DESIGNATED FOR SNOW STORAGE		
	OUTLINE OF STORAGE YARD DESIGNATED FOR SEASONAL PRODUCT STORAGE		





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NO.	ISSUE	DATE (YY/MM/DD)
01	ISSUED FOR BUILDING PERMIT	2018/01/29
00	ISSUED FOR COORDINATION	2018/01/08
REVISIONS		

ORIENTATION: PROJECT NORTH

SEAL: ONTARIO ASSOCIATION OF ARCHITECTS  
AHMED AHMED  
LICENCE 7786

**A+** architecture

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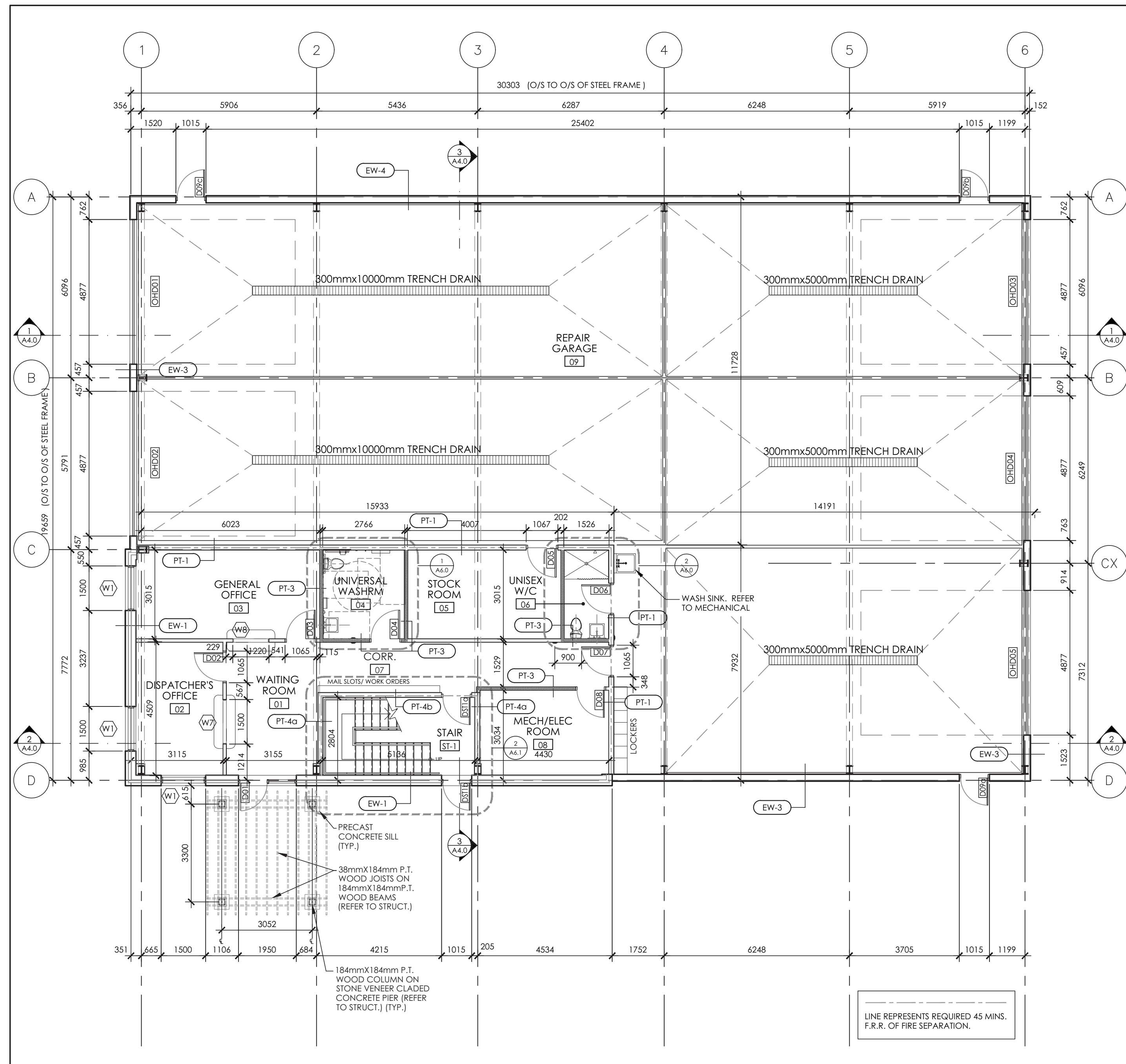
CLIENT: **BRY-AIN HOLDINGS LTD.**

PROJECT: **EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD  
KANATA, ON K0A 1L0

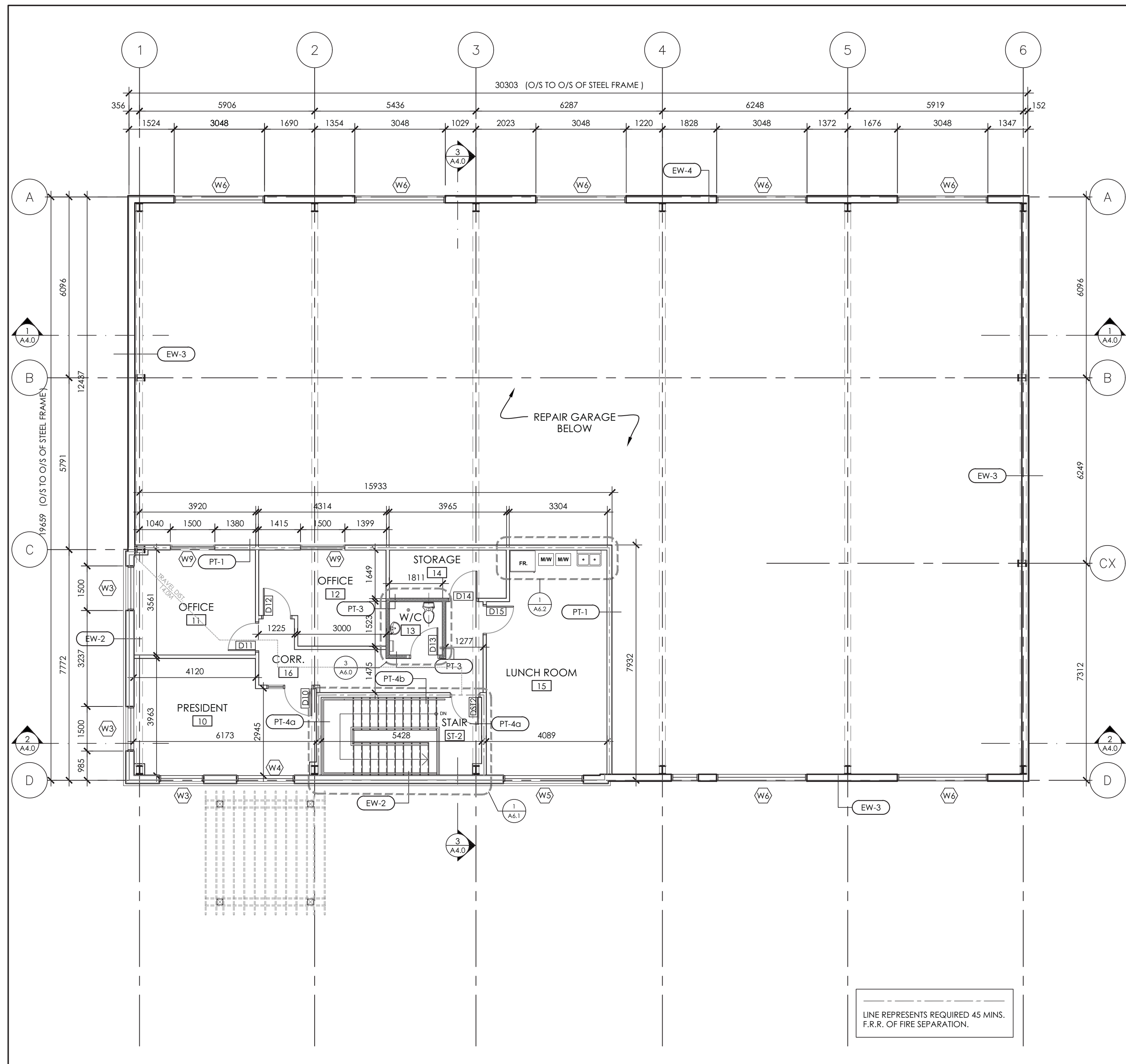
DRAWING TITLE: **FOUNDATION/SLAB AND ROOF PLANS**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A2.0</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01





1 FIRST FLOOR PLAN  
A2.1 SCALE 1:100



2 SECOND FLOOR PLAN  
A2.1 SCALE 1:100

**WALL TYPE SCHEDULE** (ALL INTERIOR PARTITIONS SHALL BE OF (PT-2) ASSEMBLY TYPE, UNLESS OTHERWISE NOTED ON THE FLOOR PLANS)

<p><b>EW-1</b> <b>EXTERIOR WALLS @ OFFICE (TYP.)</b> 90mm STONE VENEER, ON 25mm AIR SPACE, ON 75mm EPS INSULATION BOARD (R15), ON TYVEK AIR BARRIER, ON 11mm EXTERIOR GRADE OSB SHEATHING, ON 38mm x 140mm WOOD STUDS @ 400mm o.c., c/w 140mm ROXUL BATT INSULATION (R22), ON 6mil POLY VAPOR BARRIER, ON 13mm GYPSUM WALL BOARD</p>	<p><b>PT-1</b> <b>OFFICE/REPAIR GARAGE INTERIOR PARTITION</b> <b>(1 HR F.R.R., FIRE SEPARATION SB-3 WALL NO. W1b)</b> 13mm GYPSUM WALL BOARD (TYPE X), ON 9.5mm OSB SHEATHING BOARD, ON 38mm x 140mm WOOD STUDS @ 400mm o.c., c/w ROXUL BATT INSULATION (R22), ON 6mil POLY VAPOR BARRIER, ON 13mm GYPSUM WALL BOARD (TYPE X)</p>
<p><b>EW-2</b> <b>EXTERIOR WALLS @ OFFICE (TYP.)</b> DUROCK PUCES EPS SYSTEM COMPRISING OF STUCCO FINISH COAT, REINFORCING FIBRE MESH EMBEDDED IN A BASE PRIMER/COAT, 102mm TYP 1 EPS INSULATION (R15) WITH 10mm GEOMETRICALLY DEFINED DRAIN CAVITIES &amp; POLAR BEAR MOISTURE BARRIER/AIR BARRIER, ON 11mm EXTERIOR GRADE OSB SHEATHING, ON 38mm x 140mm WOOD STUDS @ 400mm o.c., c/w 140mm ROXUL BATT INSULATION (R22), ON 6mil POLY VAPOR BARRIER, ON 13mm GYPSUM WALL BOARD</p>	<p><b>PT-2</b> <b>TYPICAL INTERIOR NON-LOAD BEARING PARTITION</b> 13mm GYPSUM WALL BOARD, ON 38mm x 89mm WOOD STUDS @ 400mm o.c., ON 13mm GYPSUM WALL BOARD.</p>
<p><b>EW-3</b> <b>REPAIR GARAGE EXTERIOR WALL (TYP.)</b> <b>WALL BY METAL BUILDING MANUFACTURER</b> GALVANIZED CORRUGATED STEEL PANEL, ON STRUCTURAL STEEL GIRTS, c/w VINYL-FACED BLANKET INSULATION, ON AIR/VAPOUR BARRIERS, ON OPTIONAL GALVANIZED STEEL INTERIOR LINER PANEL</p>	<p><b>PT-3</b> <b>TYPICAL WASHROOM &amp; M/E ROOM PARTITIONS</b> 13mm GYPSUM WALL BOARD, ON 38mm x 89mm WOOD STUDS @ 400mm o.c., c/w 140mm ROXUL BATT INSULATION IN BETWEEN STUDS TO FILL VOID ENTIRELY, ON 13mm GYPSUM WALL BOARD</p>
<p><b>EW-4</b> <b>NORTH EXTERIOR WALL, 2HR F.R.R. - ULC DESIGN #W606</b> 32mm GALVANIZED CORRUGATED STEEL PANEL, 24 ggs, ON 13mm THICK, 100mm WIDE CERAMIC FIBER BLANKET, ON GALVANIZED STRUCTURAL STEEL GIRTS @ 254mm o.c. (MAX.), (REFER TO METAL BUILDING ENGINEER DRAWINGS), ON 2 LAYERS OF 100mm ROXUL SAFE 55 MINERAL WOOL BATT INSULATION TO FILL GAP BETWEEN STEEL GIRTS, ON 6mil POLY VAPOR BARRIER, ON GALVANIZED STEEL INTERIOR LINER PANEL, 24 ggs.</p>	<p><b>PT-4a</b> <b>EXIT STAIR WALL CONSTRUCTION</b> <b>45min. FRR, FIRE SEPARATION, SB-3 WALL NO. W1e</b> 13mm GYPSUM WALL BOARD (TYPE X), ON 38mm x 140mm WOOD STUDS @ 400mm o.c., ON 9.5mm PLYWOOD SHEATHING (REFER TO STRUCTURAL), ON 13mm GYPSUM WALL BOARD (TYPE X)</p>
	<p><b>PT-4b</b> <b>EXIT STAIR WALL CONSTRUCTION</b> <b>45min. FRR, FIRE SEPARATION, SB-3 WALL NO. W1e</b> 13mm GYPSUM WALL BOARD (TYPE X), ON 38mm x 140mm WOOD STUDS @ 400mm o.c., ON 13mm GYPSUM WALL BOARD (TYPE X)</p>

**STRUCTURAL FIREPROOFING DETAILS**

**STEEL COLUMN/BEAM ENCLOSURE CONSTRUCTION (TYP.)**  
**ULC DESIGN NO. 0501 & X528**

STRUCTURAL STEEL COLUMN/BEAM BY METAL BUILDING MANUFACTURER  
63mm STEEL METAL STUDS @ COLUMN/BEAM CORNERS  
2 LAYERS OF 16mm GYPSUM WALL BOARD (TYPE X)

INSTALL GYPSUM BOARD VERTICALLY WITH 25mm (1") SCREWS  
SPACED 300mm(12") O.C. APPLY CORNER BEAD WITH  
25mm (1") SCREWS SPACED 300mm(12") O.C. TAPE AND FINISH JOINTS  
WITH ULC-APPROVED PRODUCTS.

**GENERAL NOTES**

- ALL DESIGN AND CONSTRUCTION IS TO MEET THE REQUIREMENTS OF THE CURRENT UPDATE OF THE 2012 EDITION OF THE ONTARIO BUILDING CODE.
- VERIFY ALL DIMENSIONS ON SITE AND OBTAIN ARCHITECT'S PERMISSION TO MODIFY BEFORE PROCEEDING.
- PROTECT ALL EXISTING UTILITIES. CONTACT ALL REQUISITE MUNICIPAL AND UTILITY AUTHORITIES FOR LOCATES AND CARRY OUT WORK TO THEIR APPROVAL.
- PRE-ENGINEERED THERMAL INSULATION AND AIR/VAPOUR BARRIER WITHIN THE REPAIR GARAGE EXTERIOR WALLS AND ROOF BY METAL BUILDING MANUFACTURER. OFFICE EXTERIOR WALLS AND ROOF CONSTRUCTION TO MEET THE REQUIREMENTS OF PART 12 OF THE ONTARIO BUILDING CODE.
- CAULK AND SEAL TO ENSURE A COMPLETE WEATHER AND WATERTIGHT ASSEMBLIES INCLUDING AROUND ALL EXTERIOR DOOR AND WINDOW FRAMES, LOUVERS, VENTS, THRESHOLD, ETC., AND BETWEEN DIFFERENT EXTERIOR MATERIALS. PACK SPACES DEEPER THAN 13mm (1/2") AND WIDER THAN 6mm (1/4") WITH CLOSED-CELL POLY BACKER ROPE. MATERIALS: DIVYMERIC BT TREMCO CANADA LTD. OR DOWN CORNING 790 SILICONE BUILDING SEALANT, WASHROOM SEALANT - FUNGUS AND MILDEW RESISTANT SILICONE. SHOWER CAULK - TREMSIL 600 BY TREMCO OR DOW CORNING 786.
- FIRESTOP ALL FLOORS/WALLS/CEILING PARTITION FIRE SEPARATIONS AT ALL ROOF DECKS, BEAMS, COLUMNS, PENETRATIONS ETC. WITH ULC APPROVED AND LISTED MATERIALS & SYSTEMS. NO GAPS TO BE GREATER THAN 50mm (2"). ALL GAPS LESS THAN 16mm (5/8") TO BE CAULKED. ALL GAPS GREATER THAN 16mm (5/8") - USE COMPRESSED MINERAL WOOL FILL AND APPROVED SEALANT: CP6015, CP666, FS-ONE BY HILTI CONSTRUCTION CHEMICALS, DIVISION OF HILTI INC. OR EQUAL.
- PRESSED STEEL FRAMES FOR DOORS AND WINDOWS TO BE 16 GAUGE, SATIN COATED GALVANIZED STEEL A25, READY FOR PAINT; HOLLOW METAL DOORS TO BE 16 GAUGE SATIN COATED GALVANIZED STEEL A25, READY FOR PAINT. SOLID CORE WOOD DOORS TO BE 5-PLY, SOUND GRADE BIRCH FACE PANELS READY FOR PAINT. ALUMINUM WINDOWS, DOORS, FRAMES, GLASS, HARDWARE, COLUMN CLADDING AND TRIM TO BE INSTALLED IN A NEAT, WORKMAN LIKE MANNER. ACCURATELY CUT AND FIT TO TIGHTLY CLOSE FLUSH JOINTS. USE CONCEALED, NON-CORROSIVE FASTENINGS, BRACES ETC. LINE UP JOINTS WITH MILLIONS OR SIMILAR ARCHITECTURAL FEATURES. CAULK JOINTS TO MATCH FRAME COLOUR. APPLY CAULKING EVENLY AND NEATLY.
- ACCESSIBILITY SIGNS ARE TO BE PROVIDED TO MEET THE REQUIREMENTS OF SECTION 3.8. OF THE O.B.C.
- GYPSUM BOARD IN WASHROOMS SHALL BE MOISTURE-RESISTANT GYPSUM BOARD OR FIBRE GLASS GYPSUM PANELS.
- AUTOMATIC DOOR OPENER (POWER OPERATORS) SHALL BE INSTALLED ON THE LATCH SIDE OF DOORS, AS LISTED ON THE DOOR HARDWARE SCHEDULE. INSTALL AUTOMATIC DOOR OPENERS 900mm - 1100mm FROM THE FINISHED FLOOR LEVEL AND 600mm (MIN.) - 1500mm (MAX.) BEYOND THE DOOR SWING WHERE THE DOOR OPENS TOWARDS THE AUTOMATIC DOOR OPENER.

- GENERAL NOTES**
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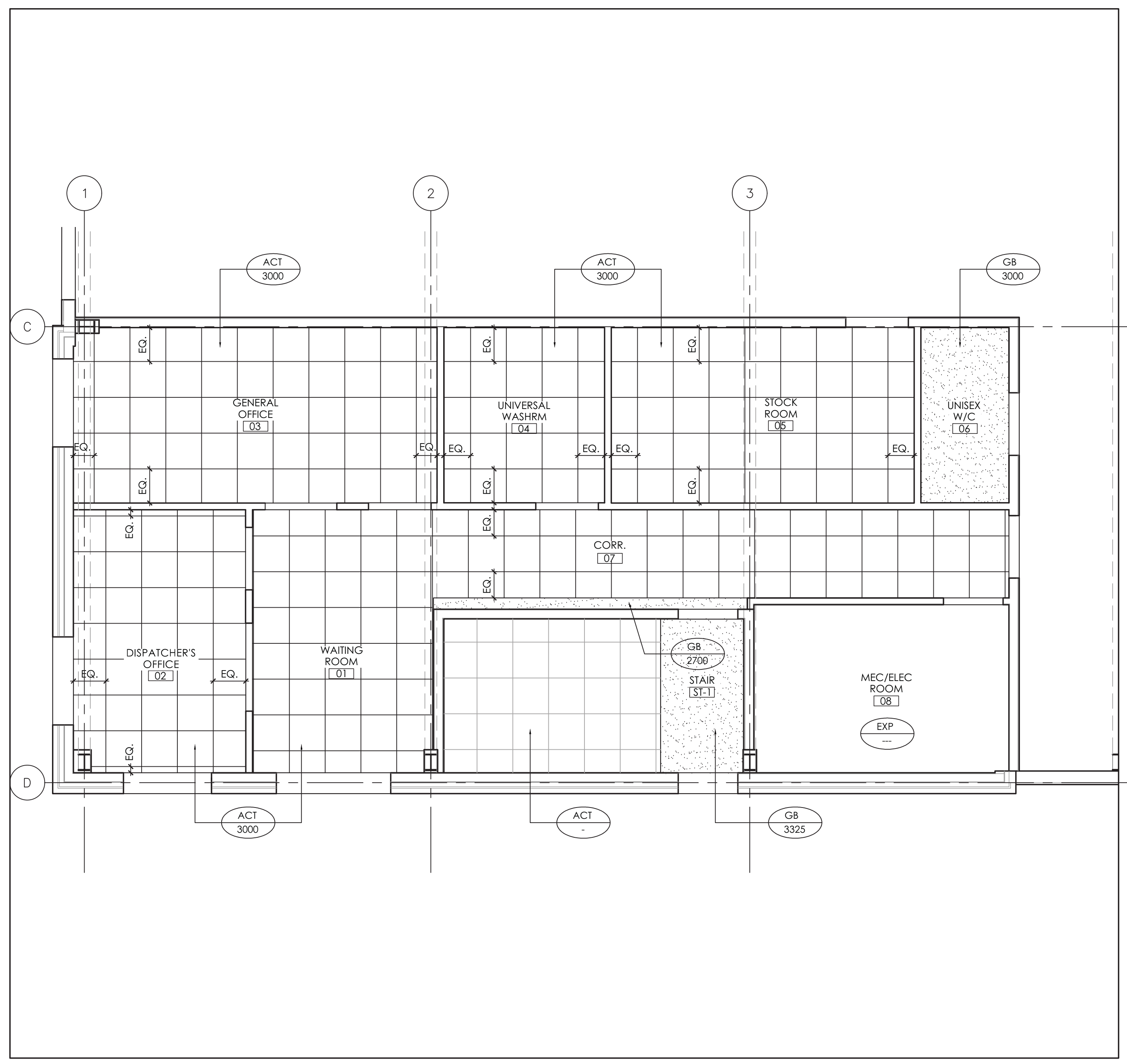
DRAWING TITLE  
**FIRST AND SECOND FLOOR PLANS, ASSEMBLIES**

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REVIEWED BY	A.A.	<b>A2.1</b>
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PROJECT NO.	17004	REVISION NO. 02

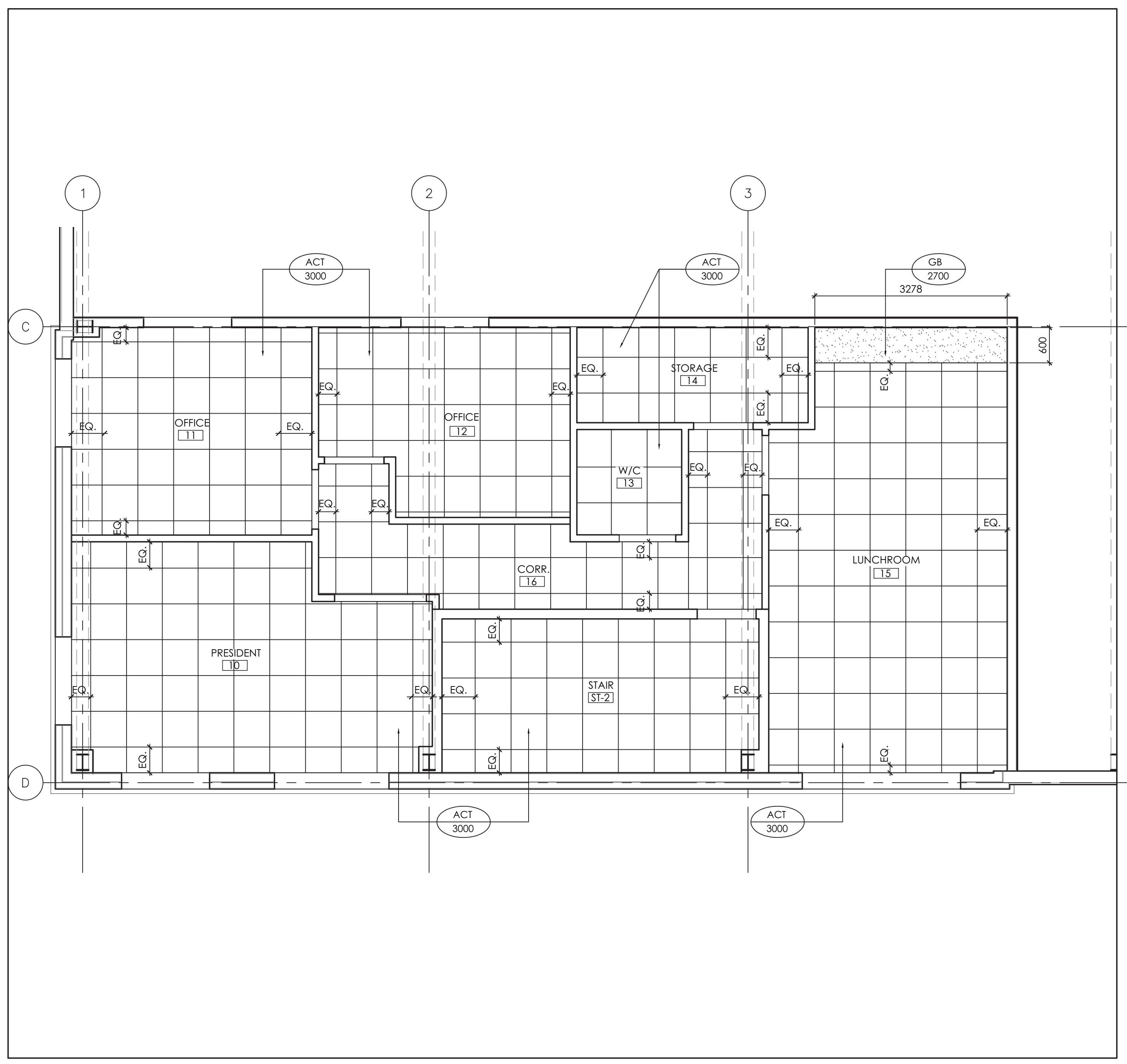


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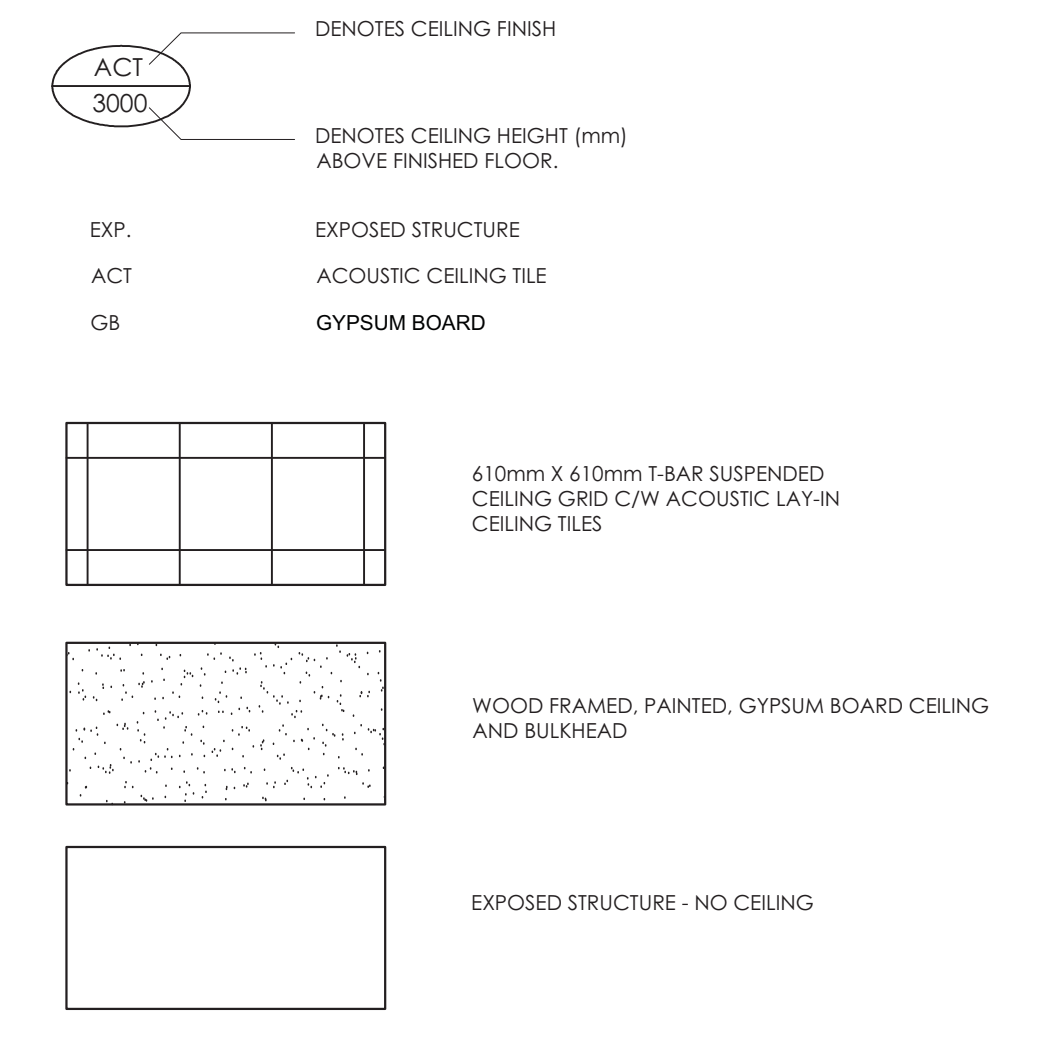


1 FIRST FLOOR REFLECTED CEILING PLAN  
A2.2 SCALE 1:50



2 SECOND FLOOR REFLECTED CEILING PLAN  
A2.2 SCALE 1:50

**REFLECTED CEILING PLAN LEGEND**



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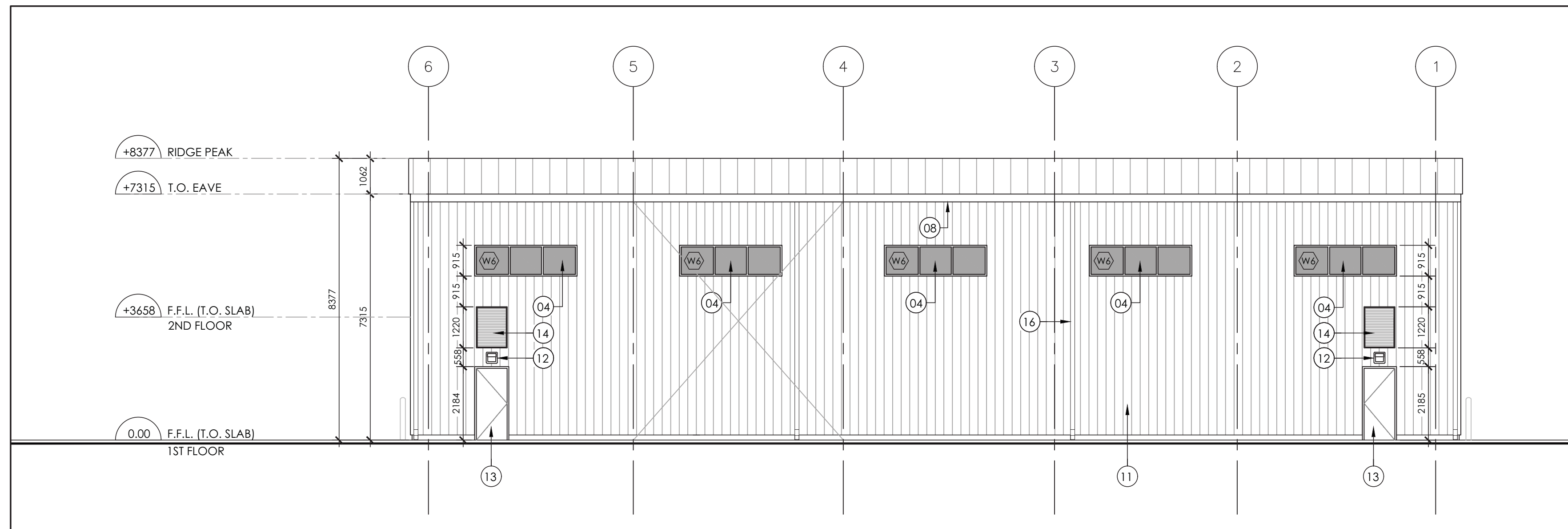
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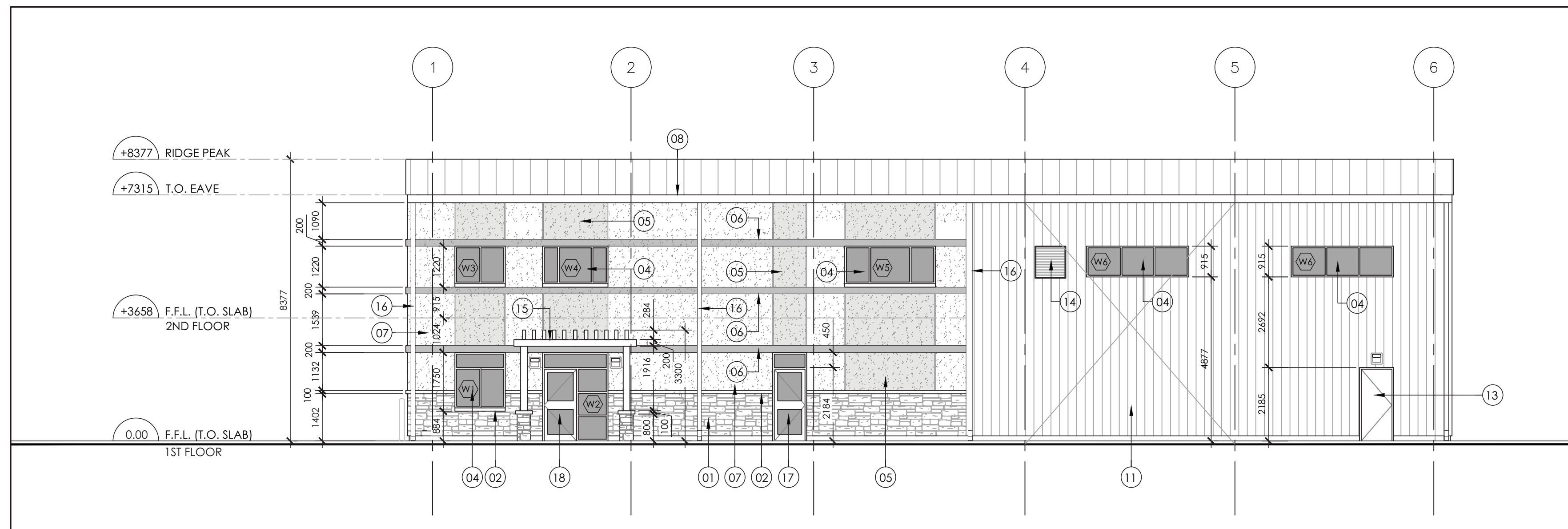
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DRAWING TITLE  
**FIRST AND SECOND FLOOR REFLECTED CEILING PLANS**

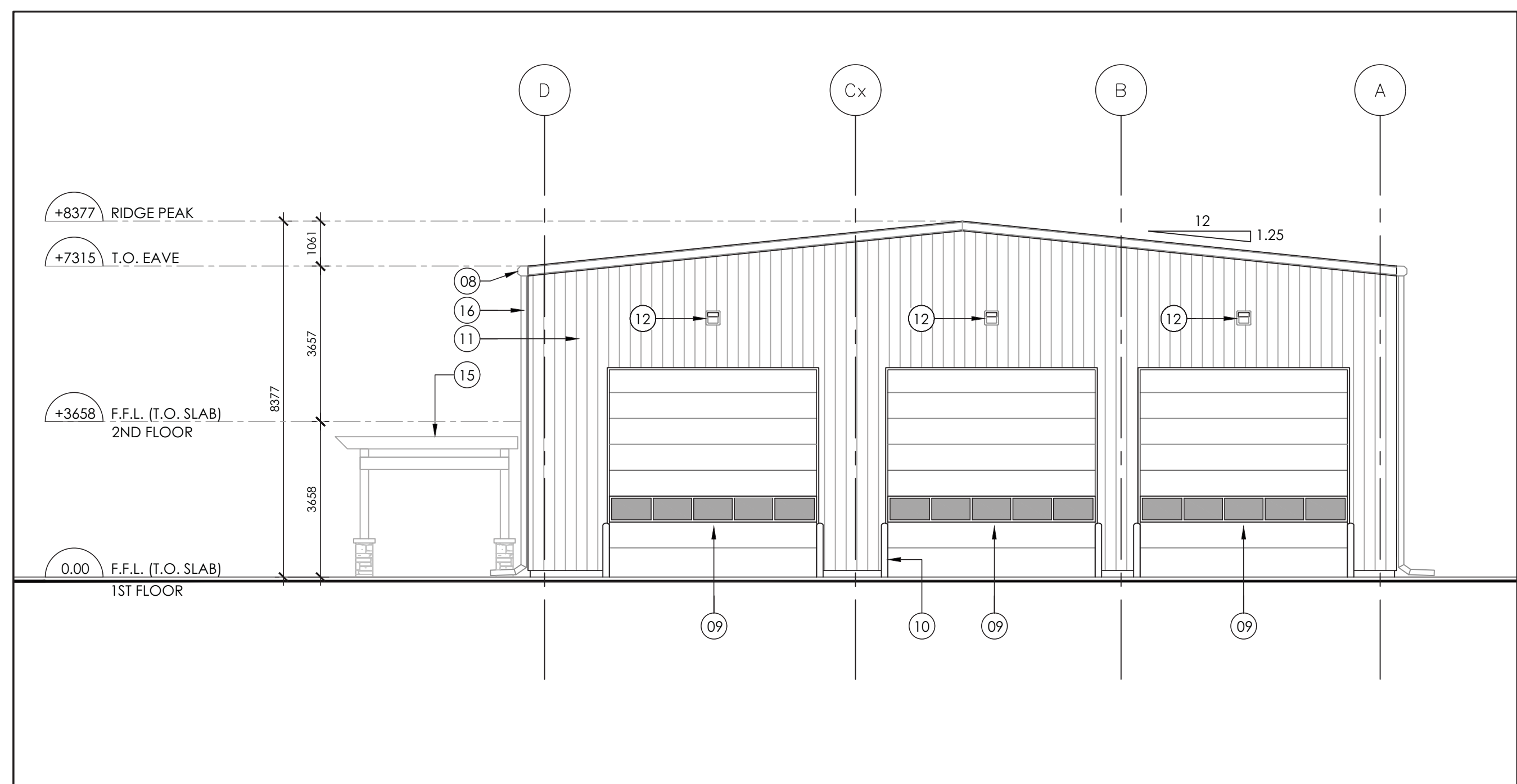
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START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01



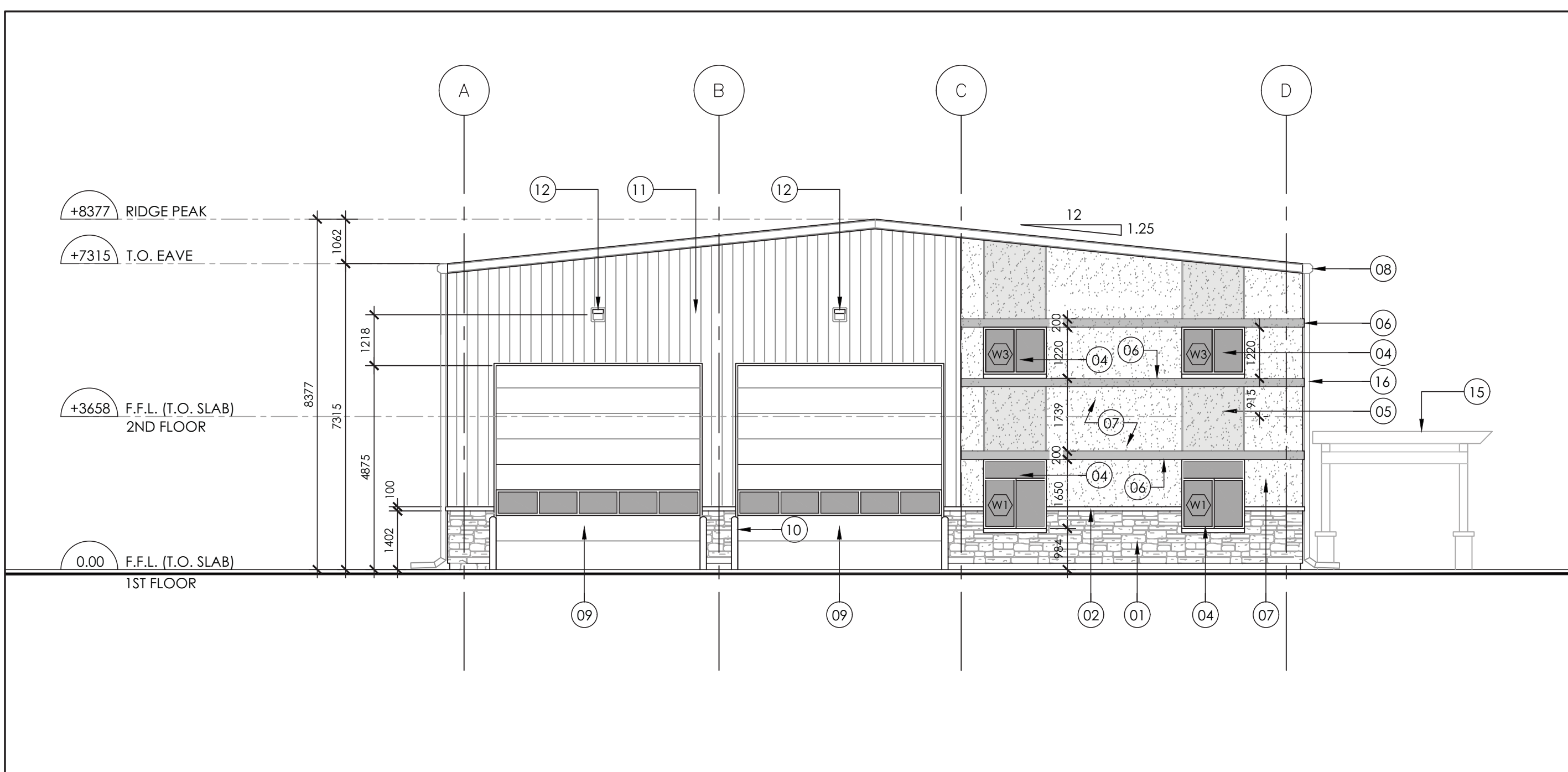
1 EXTERIOR NORTH ELEVATION  
A3.0 SCALE 1:100



2 EXTERIOR SOUTH ELEVATION  
A3.0 SCALE 1:100



3 EXTERIOR EAST ELEVATION  
A3.0 SCALE 1:100



4 EXTERIOR WEST ELEVATION  
A3.0 SCALE 1:100

**EXTERIOR ELEVATIONS NOTES**

- 01 EXTERIOR ARCHITECTURAL STONE VENER - PRODUCT STYLE, FINISH AND COLOUR TO BE DETERMINED.
- 02 ARCHITECTURAL PRECAST CONCRETE SILU/CAP - PERMACON, BUFFED, COLOUR TO BE DETERMINED.
- 03 RESERVED.
- 04 DARK TINTED GLASS IN BLACK ANODIZED ALUMINUM WINDOW.
- 05 E.I.F.S. (ACCENT COLOUR) - DRYVIT, SAND PEPPE, COLOUR: TO BE DETERMINED.
- 06 E.I.F.S. (TRIM/BAND) - DRYVIT, SAND PEPPE, COLOUR: TO BE DETERMINED.
- 07 E.I.F.S. (GENERAL COLOUR) - DRYVIT, SAND PEPPE, COLOUR: TO BE DETERMINED.
- 08 PRE-FINISHED METAL ROOF GUTTER/EAVESTROUGH.
- 09 4875 (W) X 4875 (H) INSULATED SECTIONAL STEEL OVERHEAD DOOR.
- 10 150 Ø CONCRETE FILLED STEEL BOLLARD (TYP.), PAINT FINISH - COLOUR: TO BE DETERMINED.
- 11 32mm GALVANIZED CORRUGATED STEEL PANEL. PBR PANEL FROM ROBERTSON BUILDING SYSTEMS, COLOUR: TO BE DETERMINED.
- 12 EXTERIOR WALL MOUNTED LIGHT FIXTURE (TYP.).
- 13 EXTERIOR INSULATED STEEL DOOR AND FRAME. PAINT COLOUR: CHARCOAL.
- 14 MECHANICAL HVAC/FAN LOUVER C/W PRE-FINISHED EXTERIOR METAL TRIM.
- 15 MAPLE FINISHED WOOD TRELLIS/ENTRANCE CANOPY ON (4) WOOD POSTS AND CONCRETE PIER FOUNDATION.
- 16 PRE-FINISHED STEEL DOWNSPOUT. COLOUR TO MATCH BUILDING CORRUGATED STEEL PANEL.
- 17 EXTERIOR INSULATED ALUMINUM DOOR AND FRAME WITH DARK TINTED GLASS.
- 18 EXTERIOR INSULATED ALUMINUM STOREFRONT DOOR AND SIDELIGHT ASSEMBLY WITH DARK TINTED GLASS.

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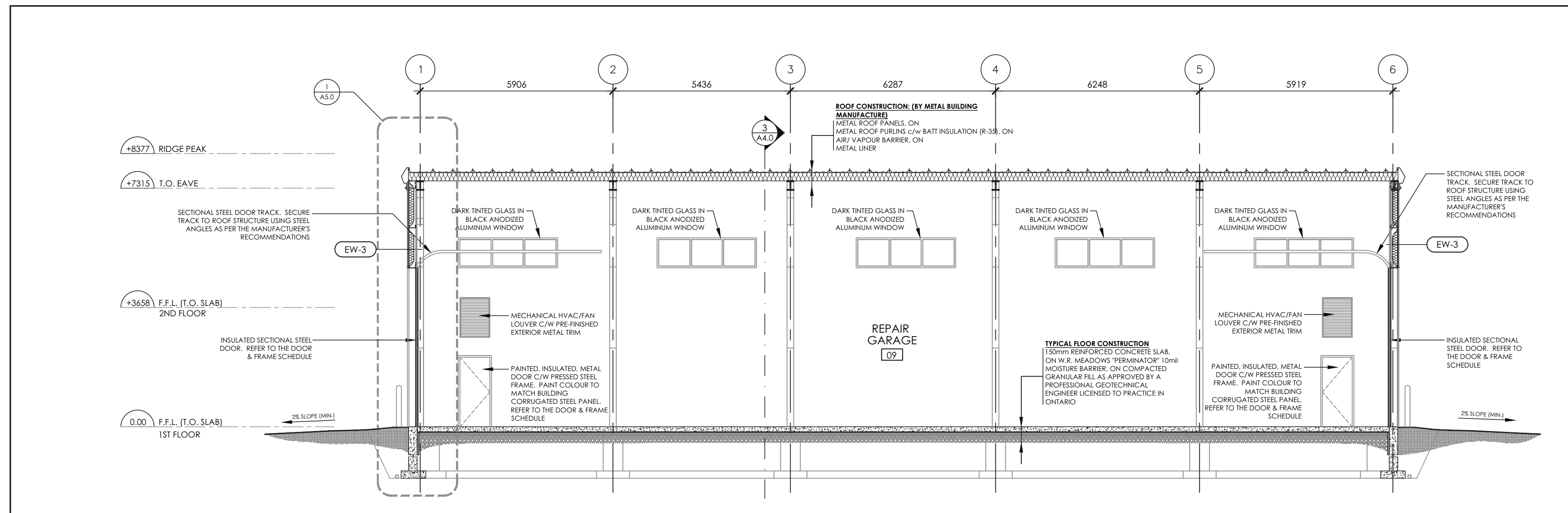
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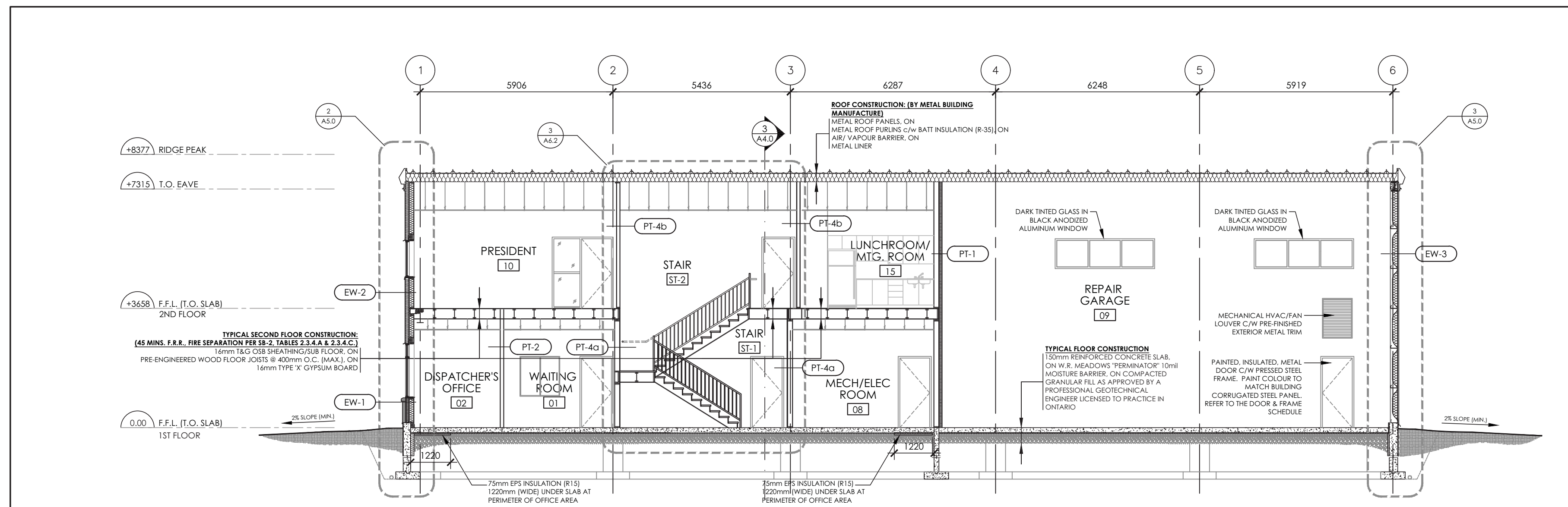
DRAWING TITLE  
**EXTERIOR ELEVATIONS**

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START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01

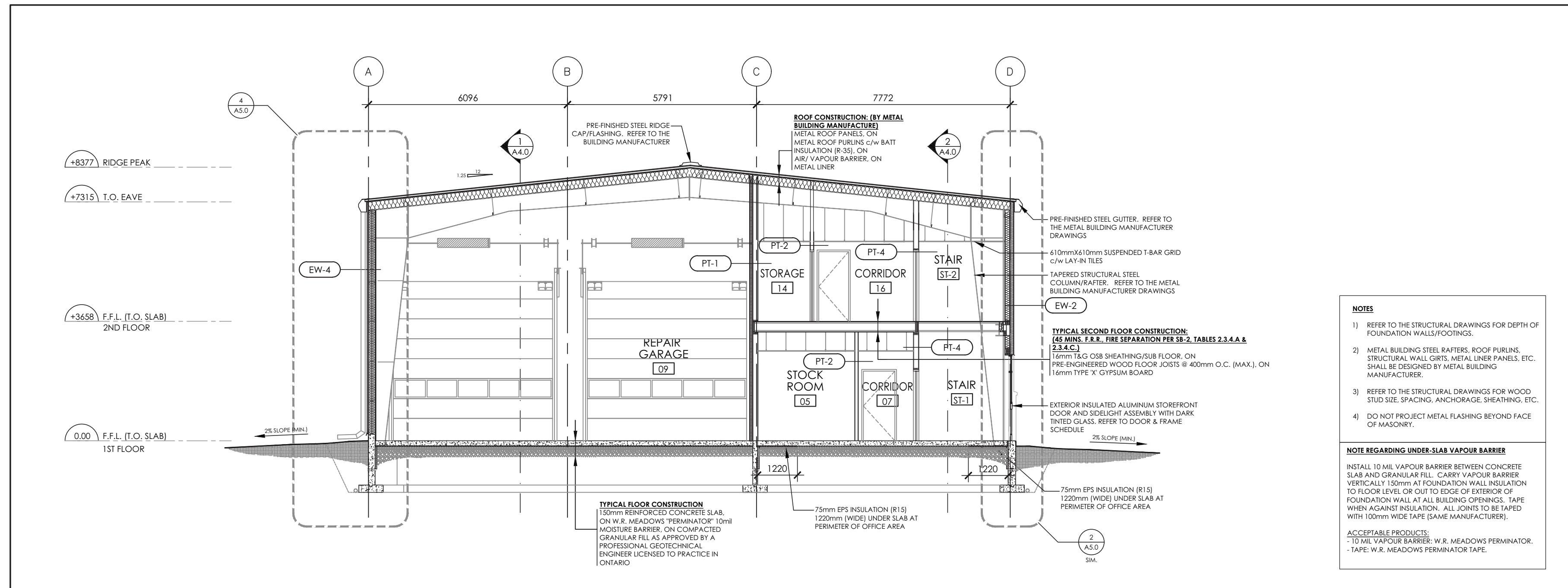




1 BUILDING SECTION  
A4.0 SCALE 1:100



2 BUILDING SECTION  
A4.0 SCALE 1:100



3 BUILDING SECTION  
A4.0 SCALE 1:100

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DRAWING TITLE

**BUILDING SECTIONS**

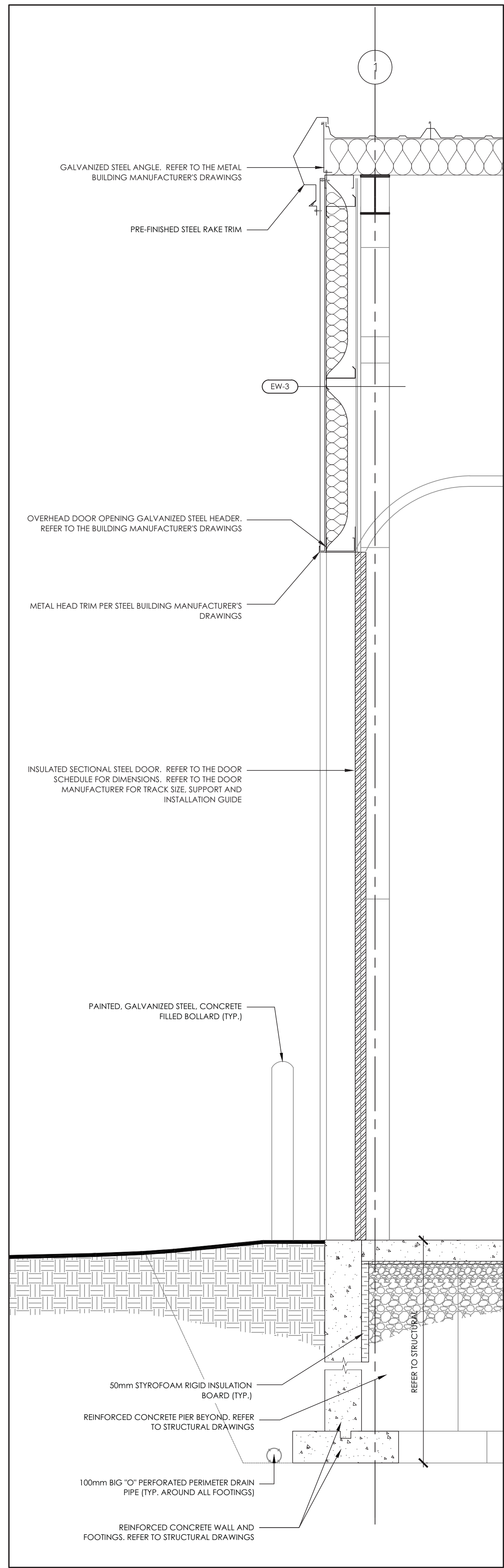
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PROJECT NO.	17004	REVISION NO.
		01

- NOTES**
- REFER TO THE STRUCTURAL DRAWINGS FOR DEPTH OF FOUNDATION WALLS/FOOTINGS.
  - METAL BUILDING STEEL RATTERS, ROOF PURLINS, STRUCTURAL WALL GIRTS, METAL LINER PANELS, ETC. SHALL BE DESIGNED BY METAL BUILDING MANUFACTURER.
  - REFER TO THE STRUCTURAL DRAWINGS FOR WOOD STUD SIZE, SPACING, ANCHORAGE, SHEATHING, ETC.
  - DO NOT PROJECT METAL FLASHING BEYOND FACE OF MASONRY.
- NOTE REGARDING UNDER-SLAB VAPOUR BARRIER**
- INSTALL 10 MIL VAPOUR BARRIER BETWEEN CONCRETE SLAB AND GRANULAR FILL. CARRY VAPOUR BARRIER VERTICALLY 150mm AT FOUNDATION WALL INSULATION TO FLOOR LEVEL OR OUT TO EDGE OF EXTERIOR OF FOUNDATION WALL AT ALL BUILDING OPENINGS. TAPE WHEN AGAINST INSULATION. ALL JOINTS TO BE TAPE WITH 100mm WIDE TAPE (SAME MANUFACTURER).
- ACCEPTABLE PRODUCTS:**
- 10 MIL VAPOUR BARRIER: W. R. MEADOWS PERMAPROTECT
  - TAPE: W. R. MEADOWS PERMAPROTECT TAPE.

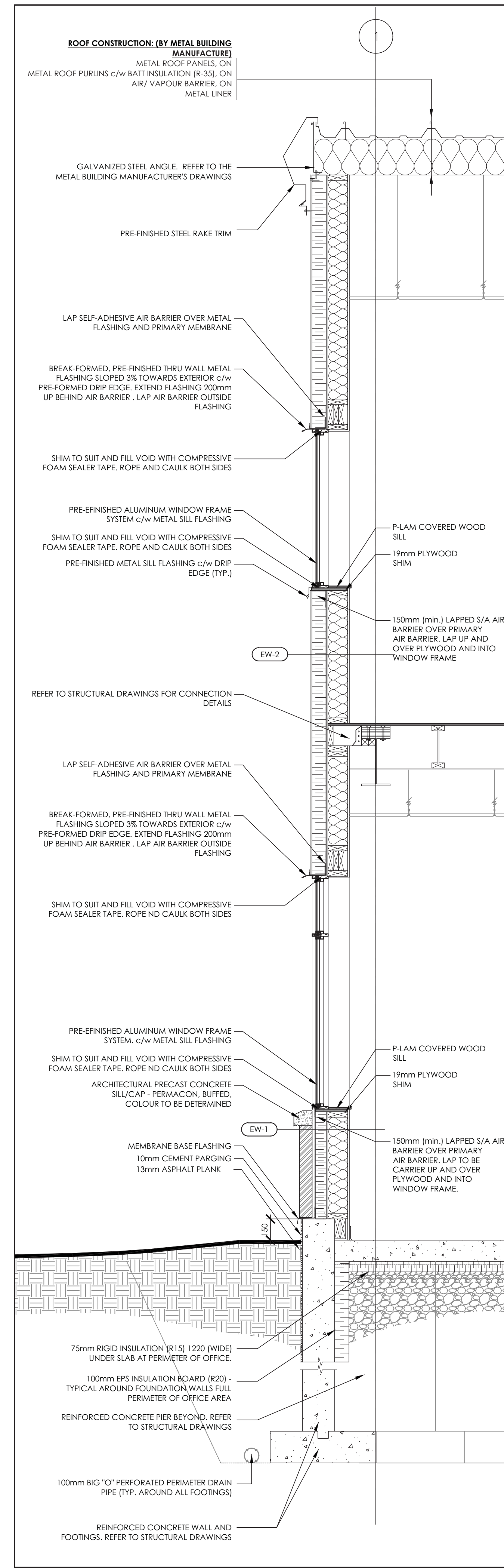


**GENERAL NOTES**

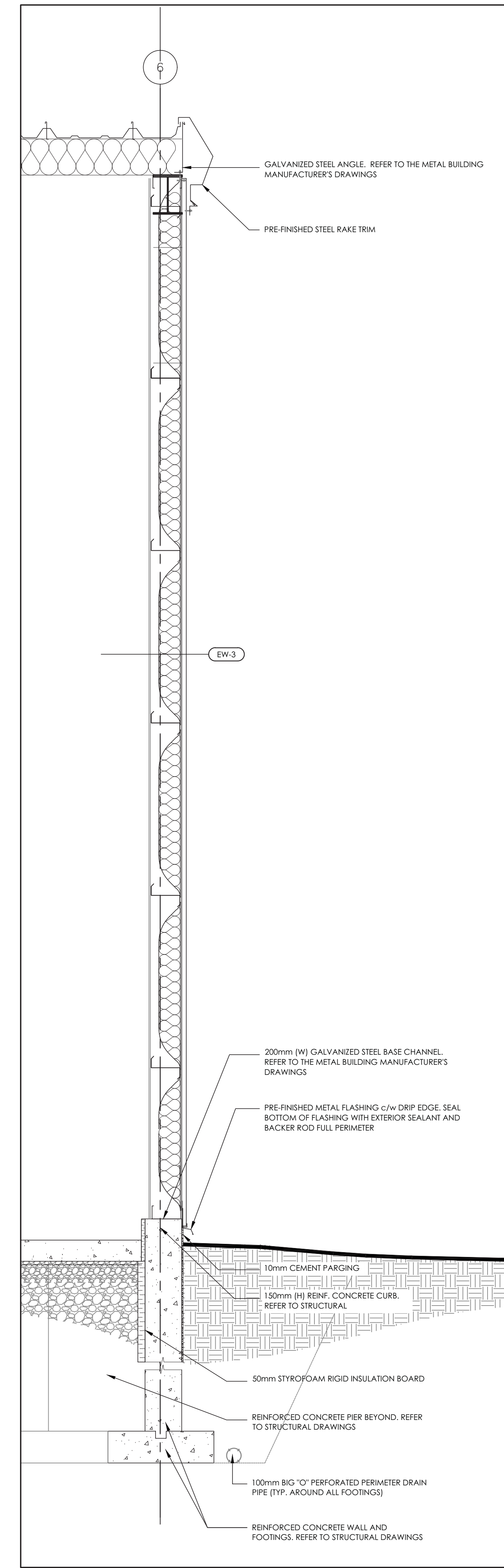
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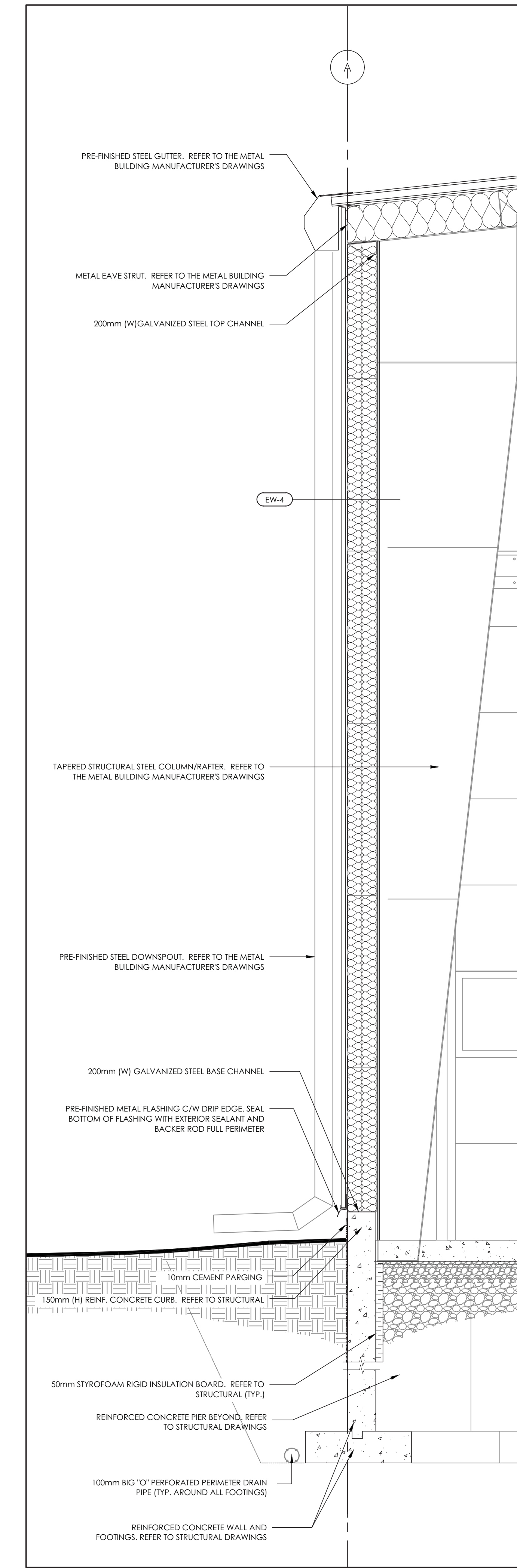
**1** WALL SECTION  
A5.0 SCALE 1:20



**2** WALL SECTION  
A5.0 SCALE 1:20



**3** WALL SECTION  
A5.0 SCALE 1:20

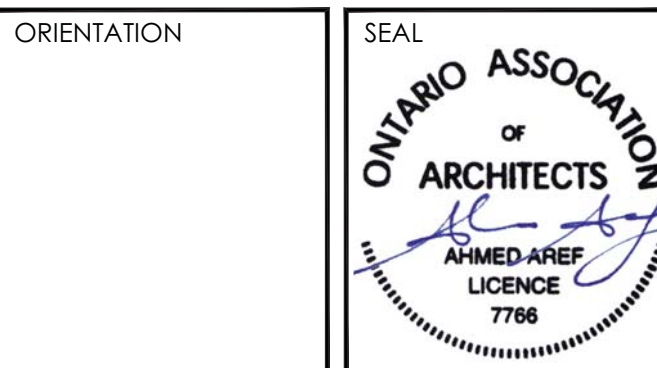


**4** WALL SECTION  
A5.0 SCALE 1:20

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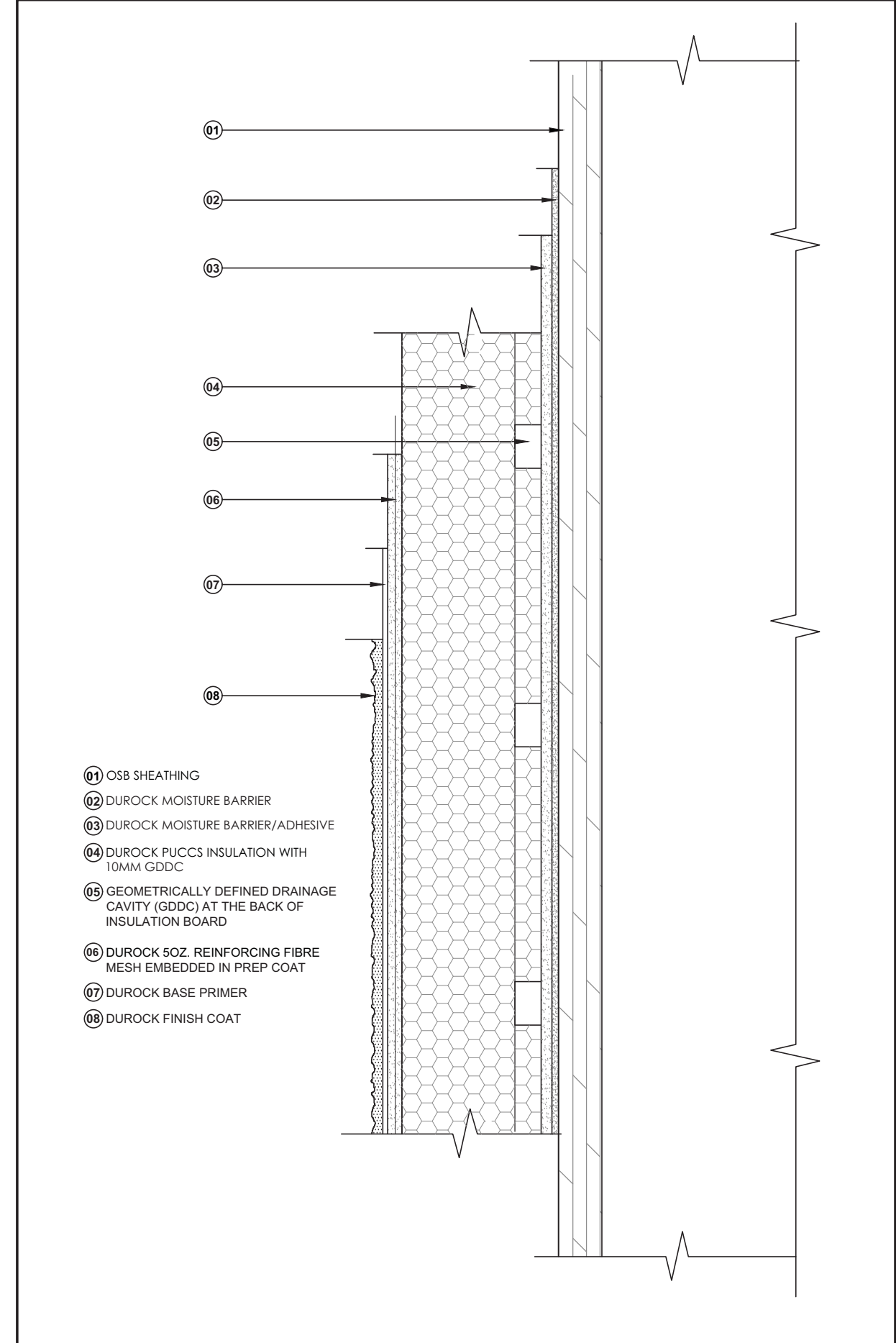
DRAWING TITLE  
**WALL SECTIONS**

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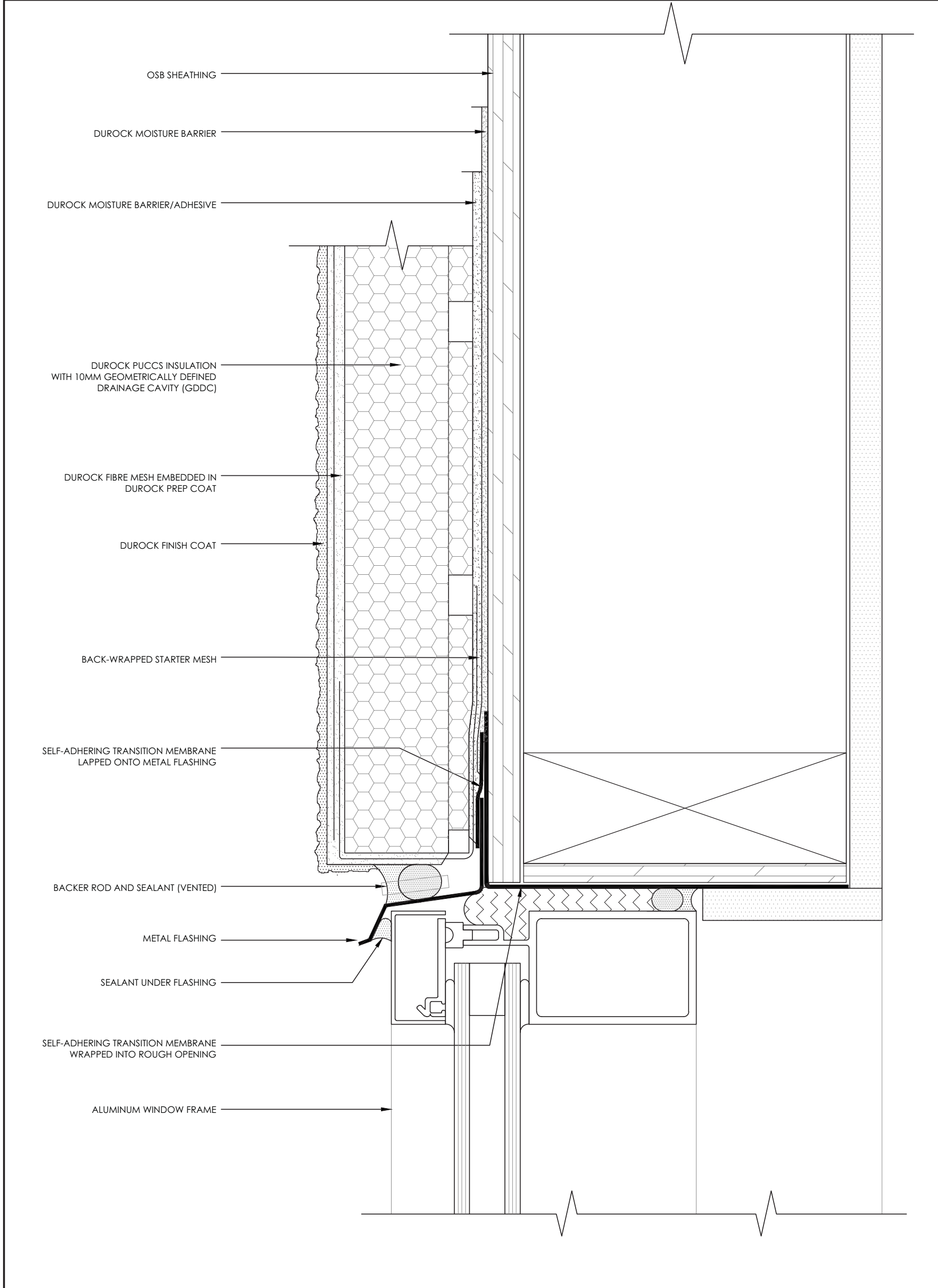


**GENERAL NOTES**

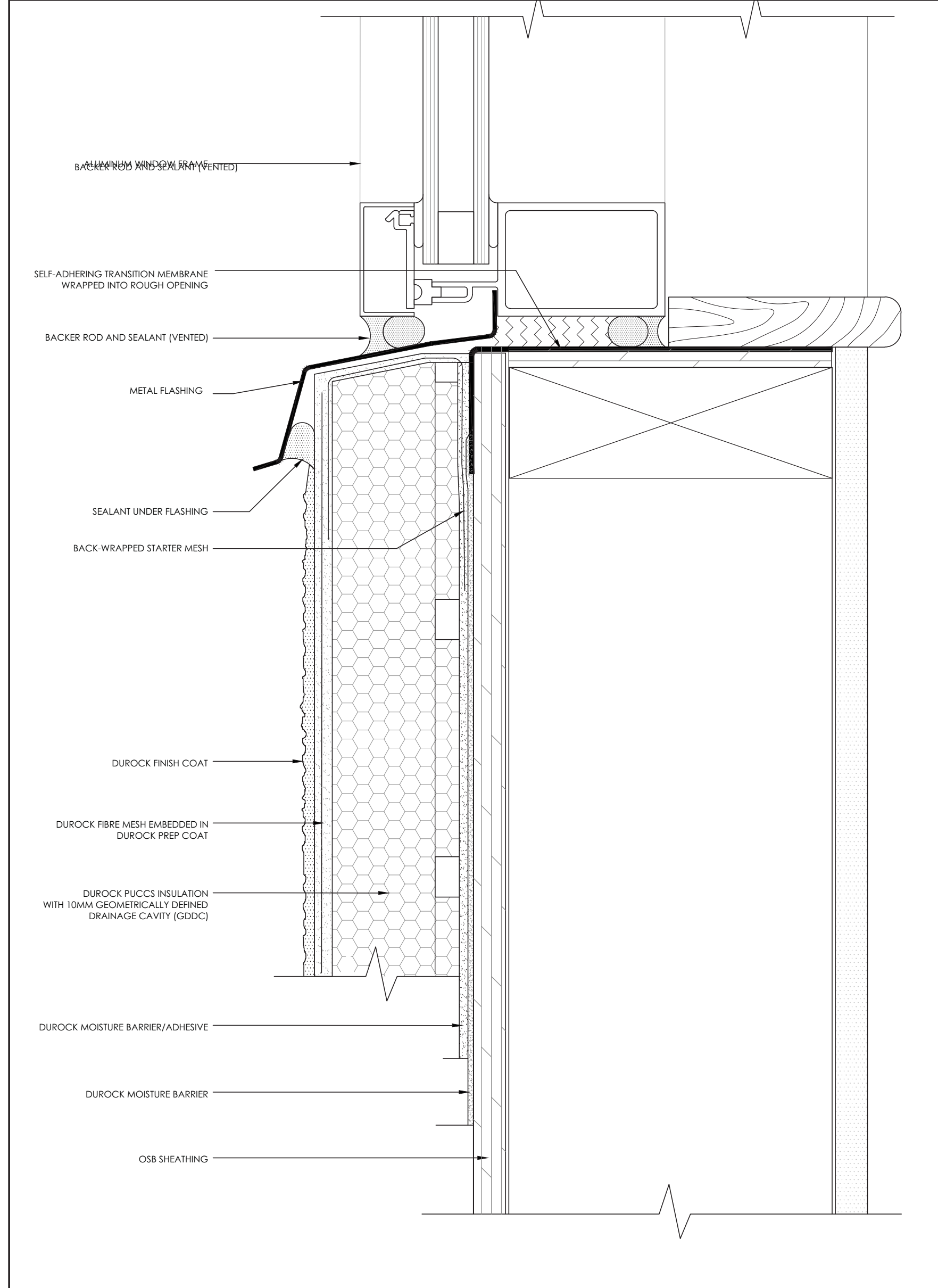
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1 EIFS STANDARD CONSTRUCTION DETAIL (TYP.)  
A5.1 SCALE 1:2



2 EIFS @ ALUMINUM WINDOW HEAD DETAIL (TYP.)  
A5.1 SCALE 1:2



3 EIFS @ ALUMINUM WINDOW SILL DETAIL (TYP.)  
A5.1 SCALE 1:2

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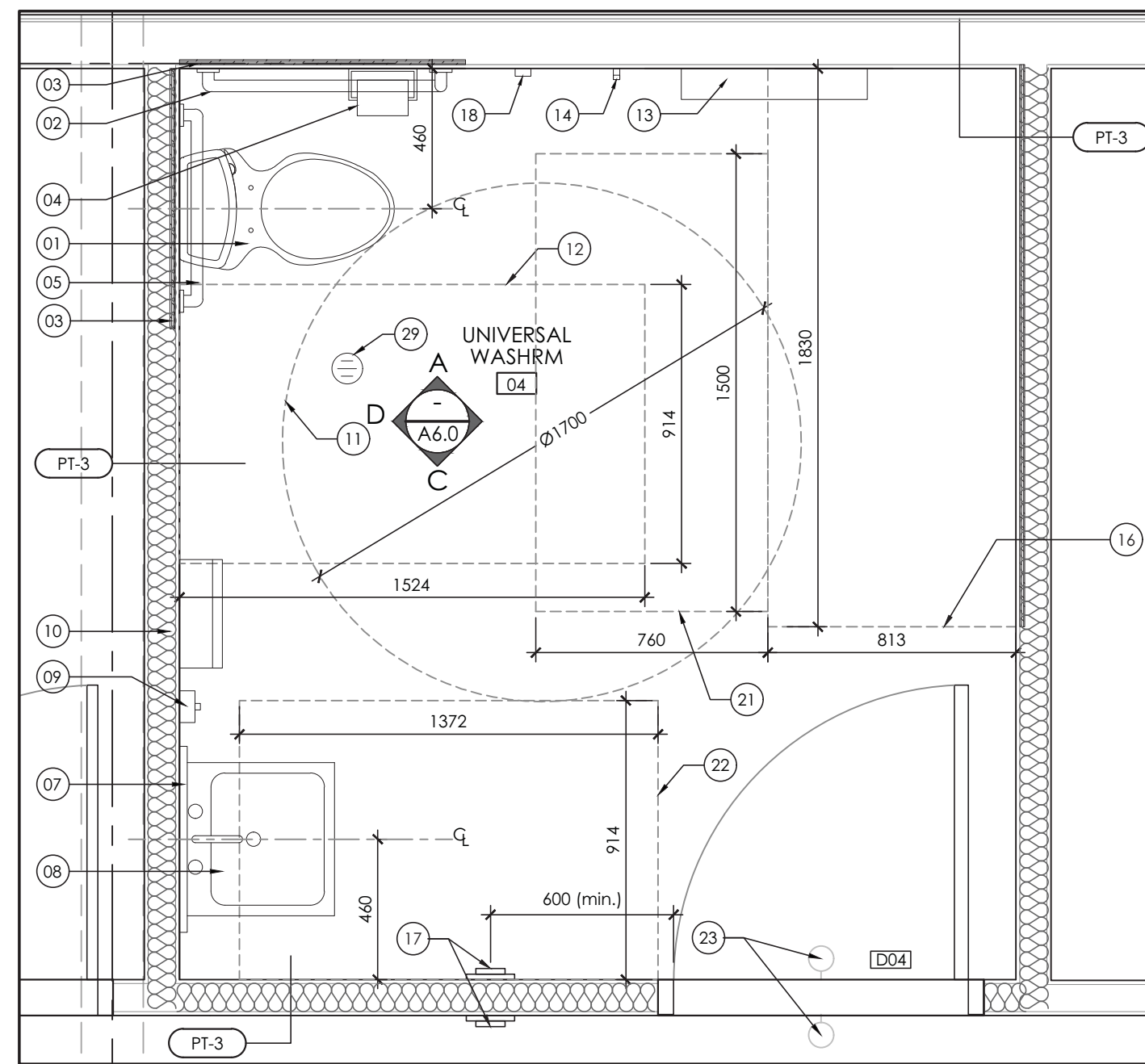
**EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE

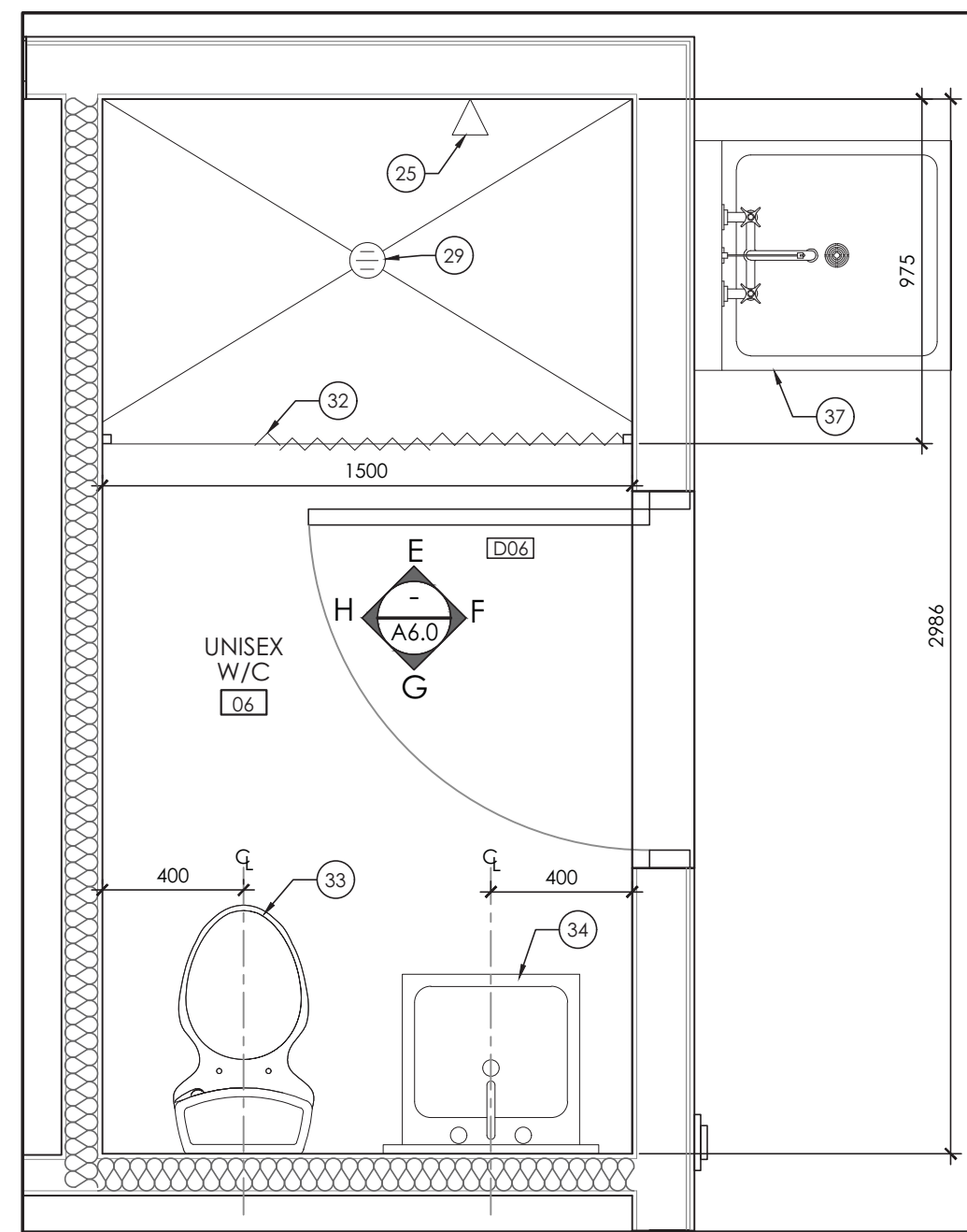
**DETAILS**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A5.1</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01

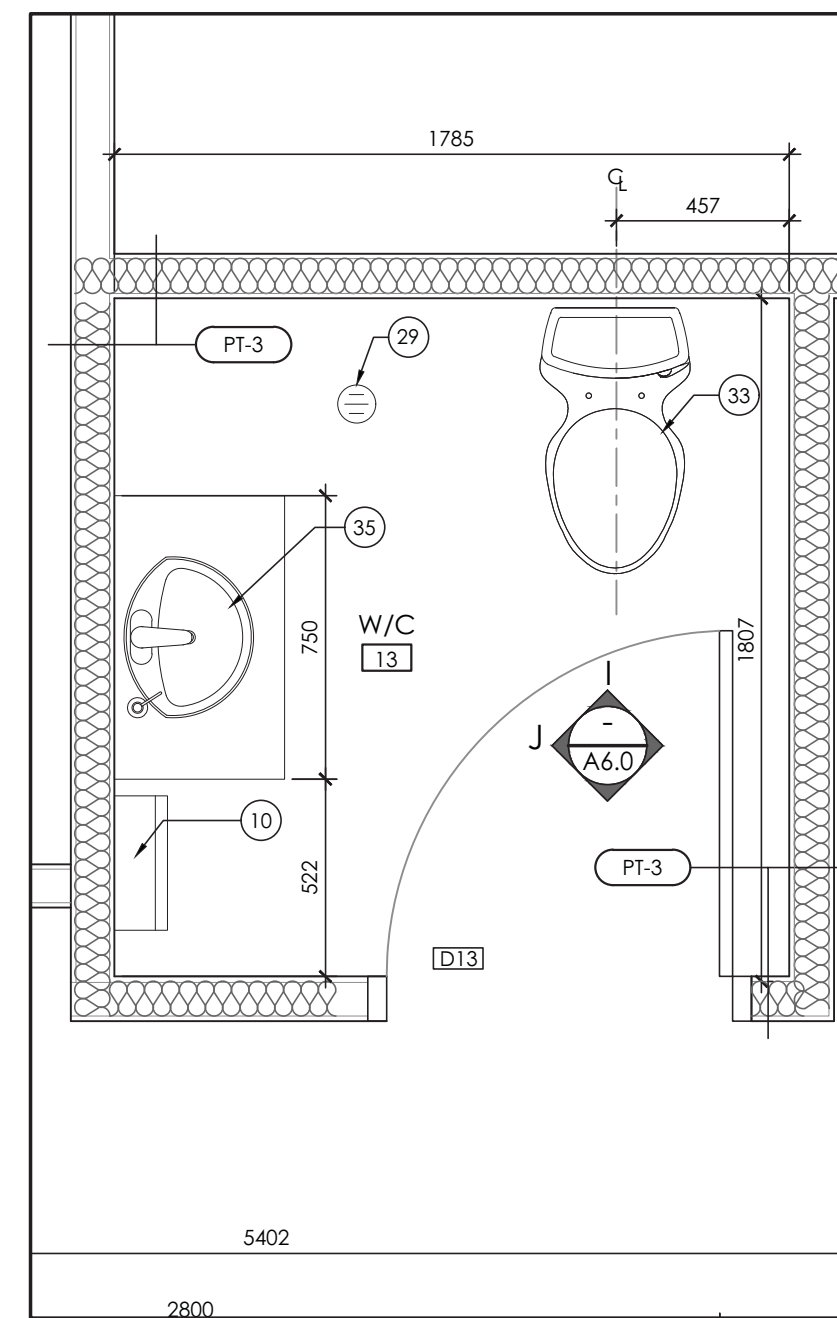




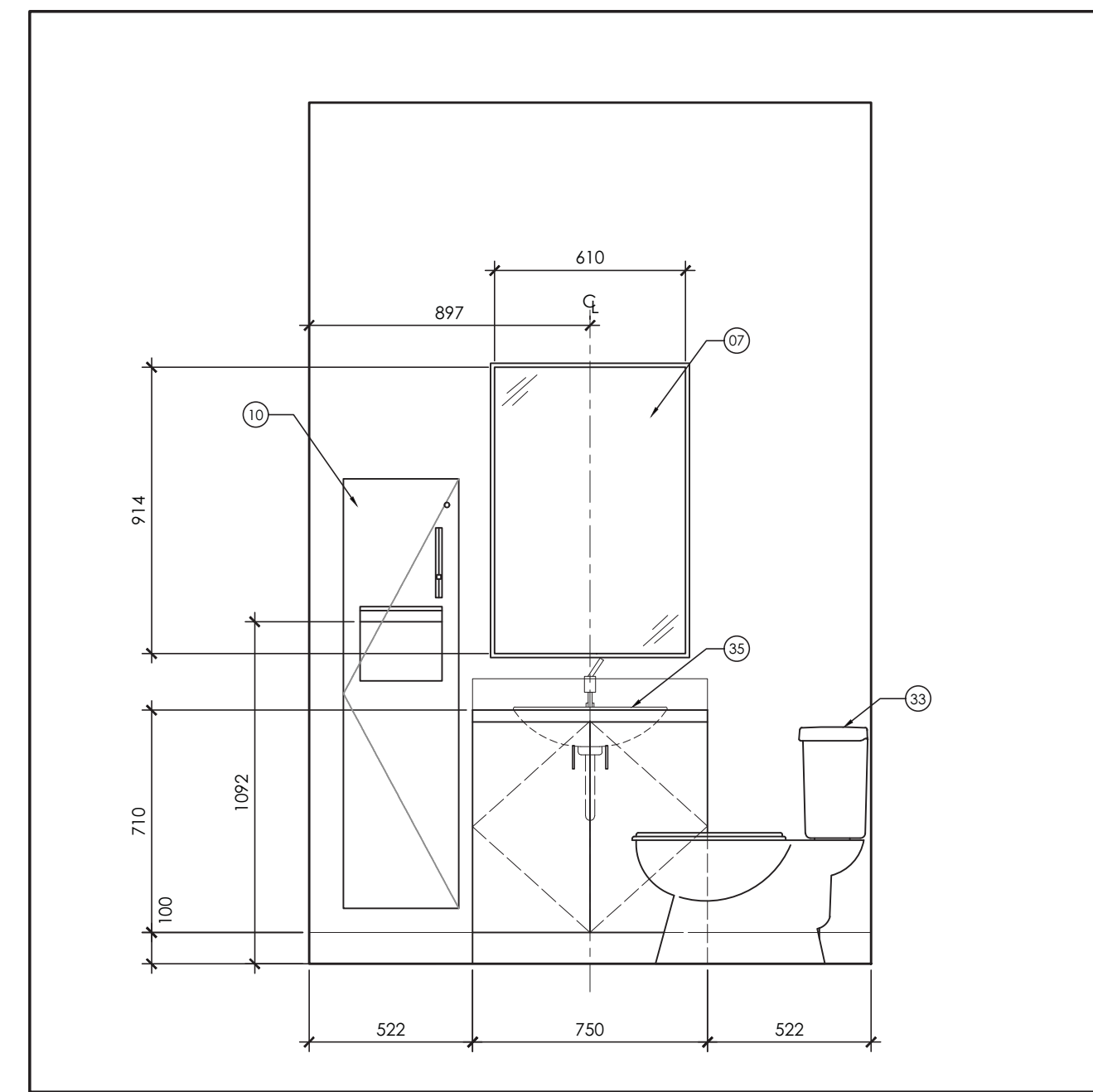
1 UNIVERSIAL WASHROOM ENLARGED FLOOR PLAN  
A6.0 SCALE 1:20



2 UNISEX WASHROOM ENLARGED FLOOR PLAN  
A6.0 SCALE 1:20



3 2nd FL. W/C ENLARGED FLOOR PLAN  
A6.0 SCALE 1:20



ELEVATION J

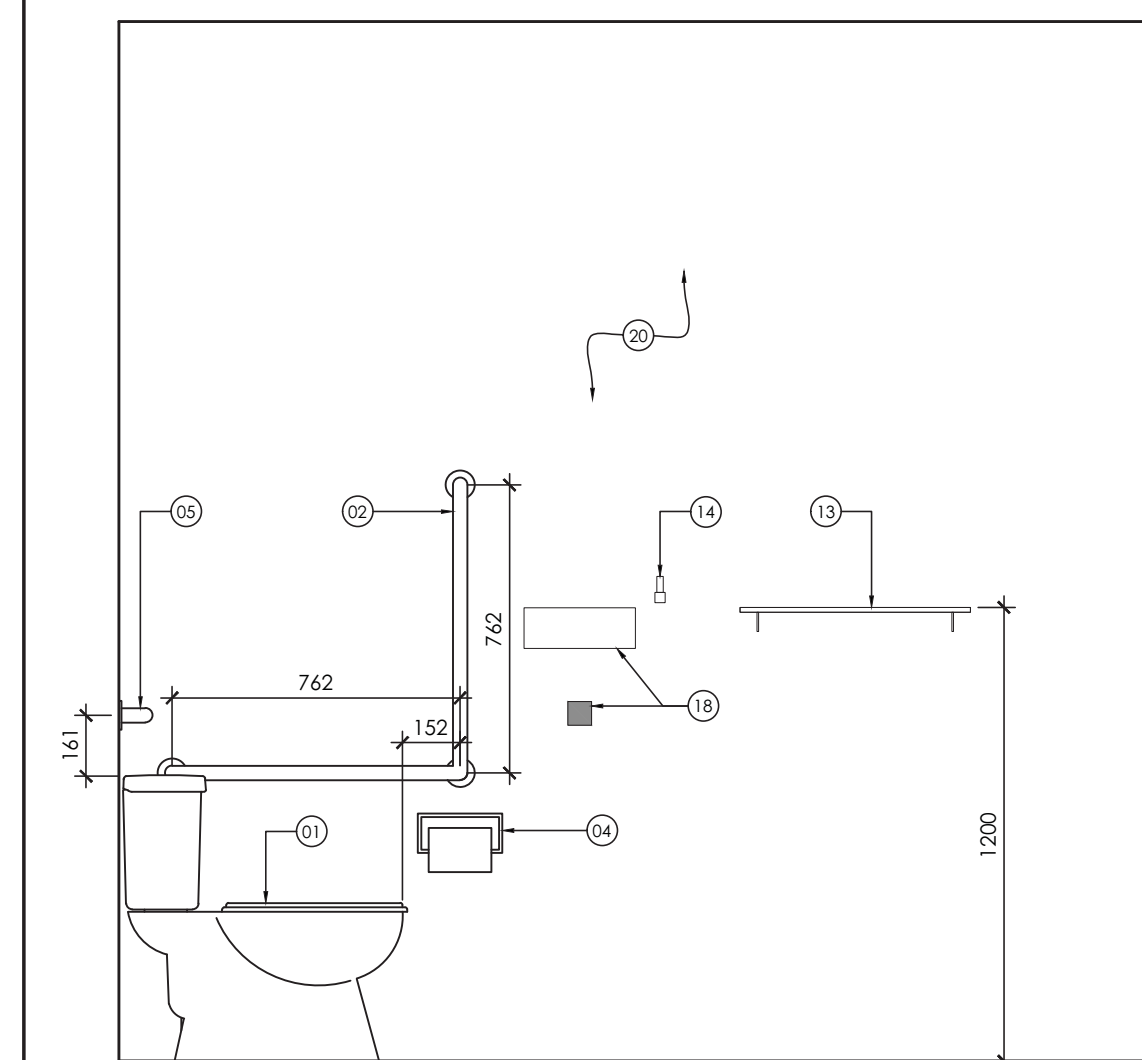
**WASHROOM PLANS AND ELEVATION NOTES**

- 01 BARRIER-FREE ACCESSIBLE WATER CLOSET c/w ALL PLUMBING DUCTWORK.
- 02 STAINLESS STEEL "L-SHAPED" GRAB BAR, 760mm LONG X 760mm HIGH, MOUNTED 760mm ABOVE THE FINISHED FLOOR.
- 03 PLYWOOD BLOCKING BEYOND GYPSUM BOARD FOR THE INSTALLATION OF GRAB BAR.
- 04 WALL-MOUNTED TOILET PAPER.
- 05 610mm LONG, STAINLESS STEEL HORIZONTAL GRAB BAR, MOUNTED (840mm-920mm) ABOVE THE FINISHED FLOOR, EXACTLY 150mm ABOVE THE TOILET TANK.
- 06 RESERVED.
- 07 610mm(W) X 915mm (H) STANDARD FIXED MIRROR WITH ONE PIECE STAINLESS STEEL CHANNEL FRAME WITH SHOCK RESISTANT PRIMARY BACK, PROVIDE FULL GALVANIZED BACK PANEL. BOTTOM EDGE TO BE 1000mm ABOVE THE FINISHED FLOOR.
- 08 ACCESSIBLE LAVATORY C/W INSULATED PIPE AND LEVER-TYPE HANDLE FAUCET. REFER TO MECHANICAL FOR THE SPECIFICATIONS.
- 09 WALL MOUNTED SOAP DISPENSER, MOUNTING HEIGHT: 1100mm ABOVE THE FINISHED FLOOR.
- 10 WALL-MOUNTED PAPER TOWEL DISPENSER & WASTE RECEPTACLE. DISPENSING HEIGHT: 1100mm ABOVE THE FINISHED FLOOR.
- 11 1700mm DIA. WHEELCHAIR TURNING RADIUS.
- 12 915mm (W) X 1500mm (L) WHEELCHAIR CLEAR TRANSFER SPACE.
- 13 100mm (W) X 610mm(L) STAINLESS STEEL SHELF. MOUNTING HEIGHT: 1200mm ABOVE THE FINISHED FLOOR.
- 14 COAT HOOK. MOUNTING HEIGHT: 1200mm ABOVE THE FINISHED FLOOR.
- 15 RESERVED.
- 16 810mm (W) X 1830mm (L) RESERVED CLEAR SPACE FOR FUTURE LOCATION OF ADULT-SIZE CHANGE TABLE.
- 17 POWER DOOR OPERATOR MOUNTED AT 915mm ABOVE THE FINISHED FLOOR. REFER TO ELECTRICAL FOR POWER AND WIRING.
- 18 CONTROL DEVICE FOR THE EMERGENCY CALL SYSTEM. REFER TO ELECTRICAL FOR DETAILS. PROVIDE AN EMERGENCY SIGN CONTAINING 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 6mm STROKE AND THAT IS POSTED ABOVE THE EMERGENCY BUTTON.
- 19 RESERVED.
- 20 PAINTED GYPSUM WALL BOARD.
- 21 760mm X 1500mm CLEARANCE FOR CHANGE TABLE.
- 22 915mm X 1370mm CLEARANCE FOR LAVATORY.
- 23 AUDIBLE AND VISUAL SIGNALLING DEVICE: CONNECTED TO EMERGENCY CALL BUTTON, MOUNTED OVER THE DOOR ON BOTH SIDES OF THE DOOR, APPROXIMATELY 200mm ABOVE THE DOOR FRAME.
- 24 EXPOSED PIPES UNDER WASHROOM LAVATORY TO BE INSULATED.
- 25 HAND HELD SHOWER HEAD c/w 1500mm FLEXIBLE HOSE. REFER TO THE MECHANICAL DRAWINGS.
- 26 RESERVED.
- 27 RESERVED.
- 28 RESERVED.
- 29 FLOOR DRAIN. REFER TO THE MECHANICAL DRAWINGS.
- 30 WALL MOUNTED SOAP DISPENSER.
- 31 RESERVED.
- 32 SHOWER CURTAIN AND ROD.
- 33 NEW FLOOR MOUNTED WATER CLOSETS (1 PER W/C-TOTAL OF 2 UNITS) C/W ALL PLUMBING DUCTWORK. PROVIDE PLUMBING TO SUIT NEW LAYOUT.
- 34 NEW WALL MOUNTED LAVATORY AND SOAP DISPENSER C/W FAUCETS AND ALL PLUMBING PIPES. PROVIDE PLUMBING TO SUIT NEW LAYOUT.
- 35 PROVIDE NEW VANITY CABINET C/W COUNTER-MOUNTED LAVATORY AND SOAP DISPENSER C/W LEVER-TYPE FAUCETS AND ALL PLUMBING PIPES. REFER TO THE MECHANICAL DRAWINGS.
- 36 ACRYLIC SHOWER STALL.
- 37 PROVIDE NEW STAINLESS STEEL WALL MOUNTED HAND WASH SINK C/W SOAP DISPENSER AND ALL PLUMBING PIPES. REFER TO MECHANICAL DRAWINGS.

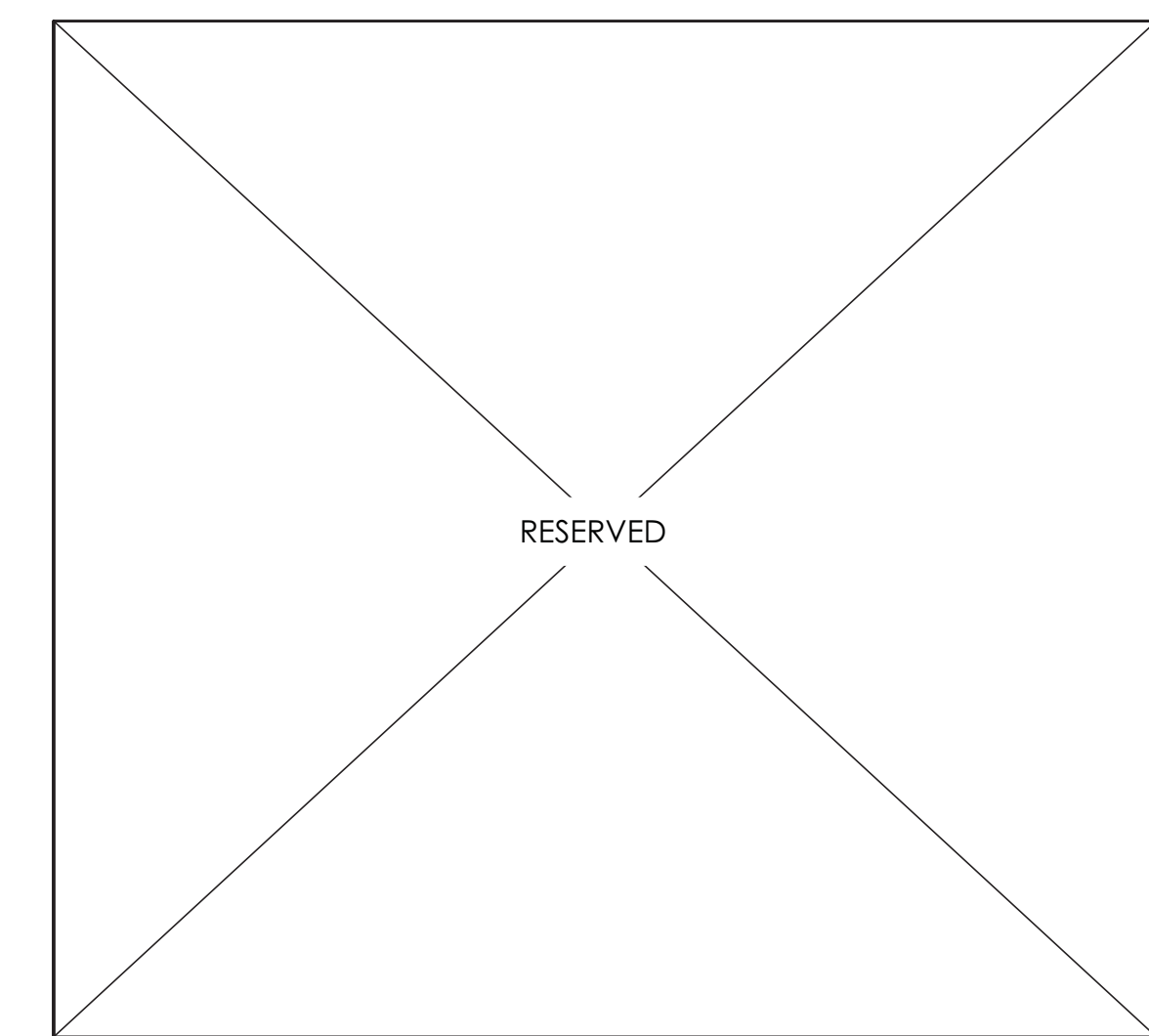
**WASHROOM GENERAL NOTES**

1. SILICONE CAULK AND SEAL BETWEEN COUNTER TOPS AND WALL BEHIND.
2. SILICONE CAULK AND SEAL AROUND ALL NEWLY INSTALLED WASHROOM FIXTURES.
3. PROVIDE PLYWOOD BACKING/SUPPORT BETWEEN WALL STUDS BEYOND ALL NEW GRAB BARS.
4. ALL WASHROOM/KITCHEN DIMENSIONS ARE TAKEN FROM FACE OF FINISHED DRYWALL TO FACE OF FINISHED DRYWALL, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

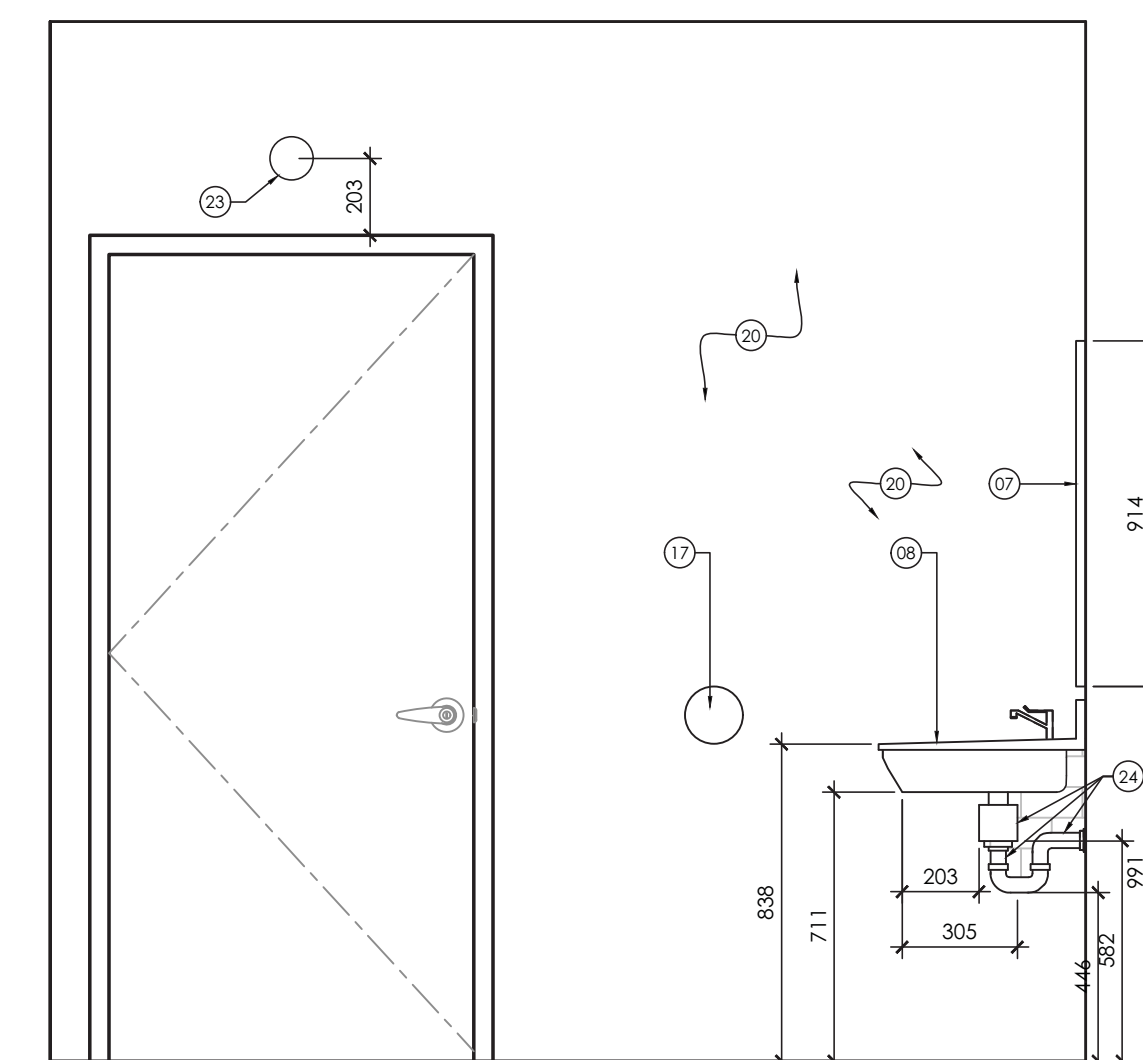
- GENERAL NOTES**
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
  - CONTRACTOR MUST COMPLY WITH ALL CODES AND BYLAWS AND OTHER REGULATIONS BY AUTHORITIES HAVING JURISDICTION OVER THE WORK.
  - DO NOT SCALE THIS DRAWING.
  - THIS DRAWING MAY NOT BE USED FOR CONSTRUCTION UNLESS SEALED/SIGNED BY THE ARCHITECT.
  - COPYRIGHT OF THIS DRAWINGS IS RESERVED.



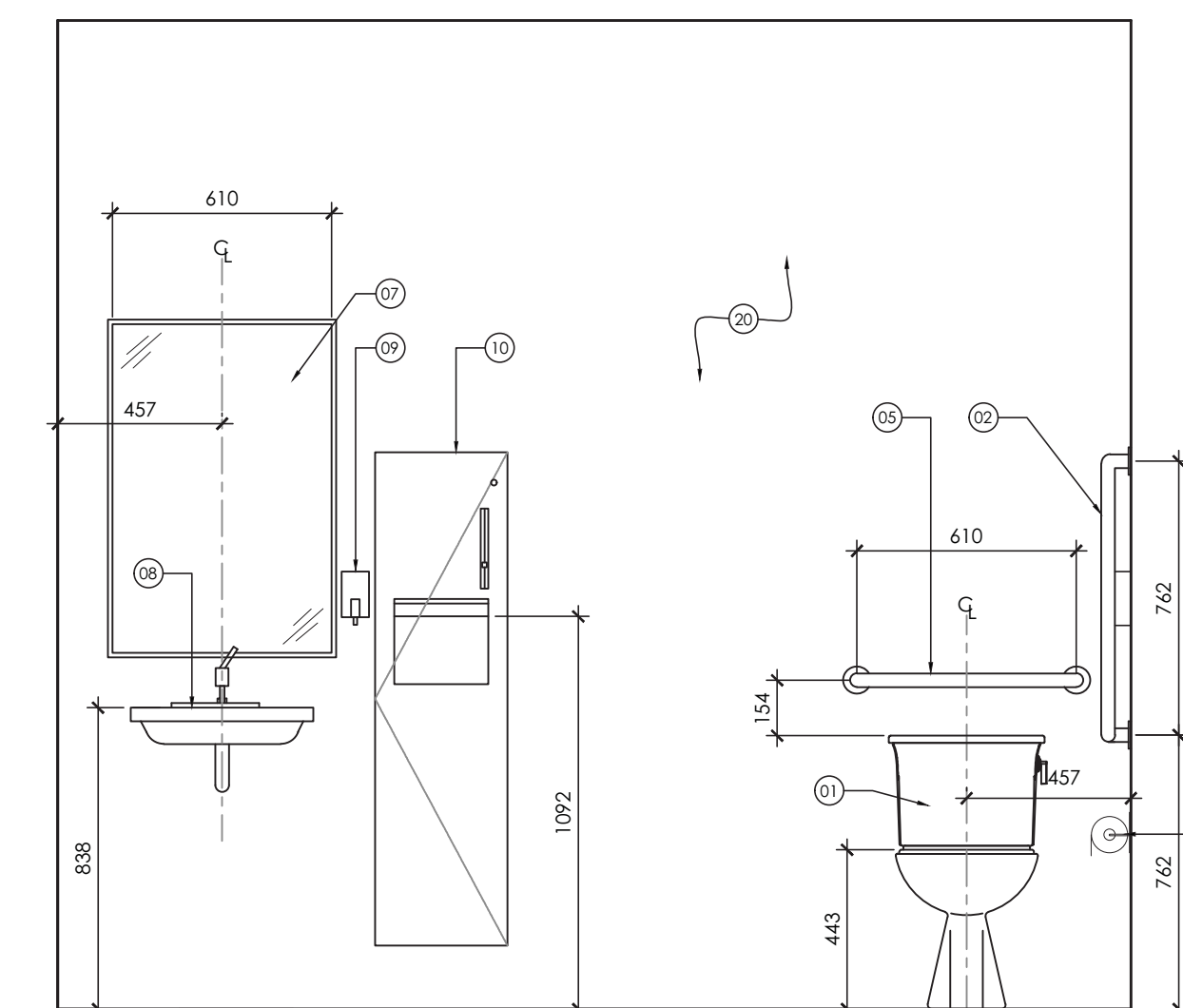
ELEVATION A



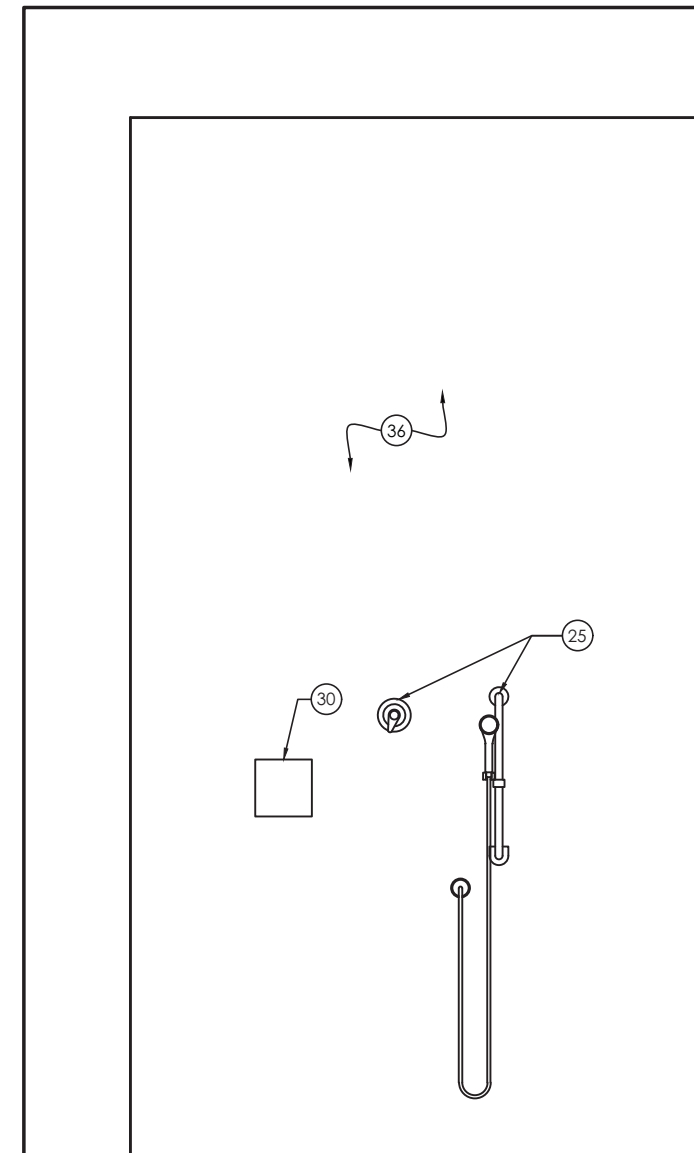
ELEVATION B



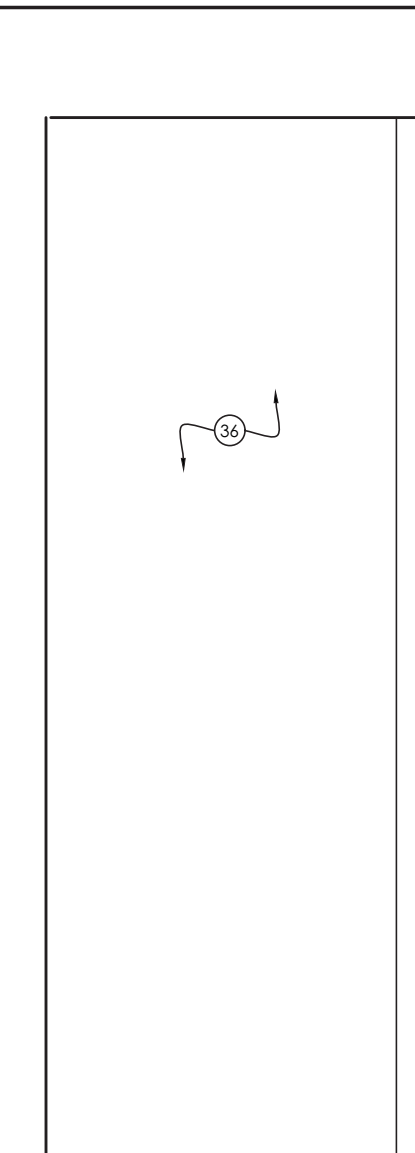
ELEVATION C



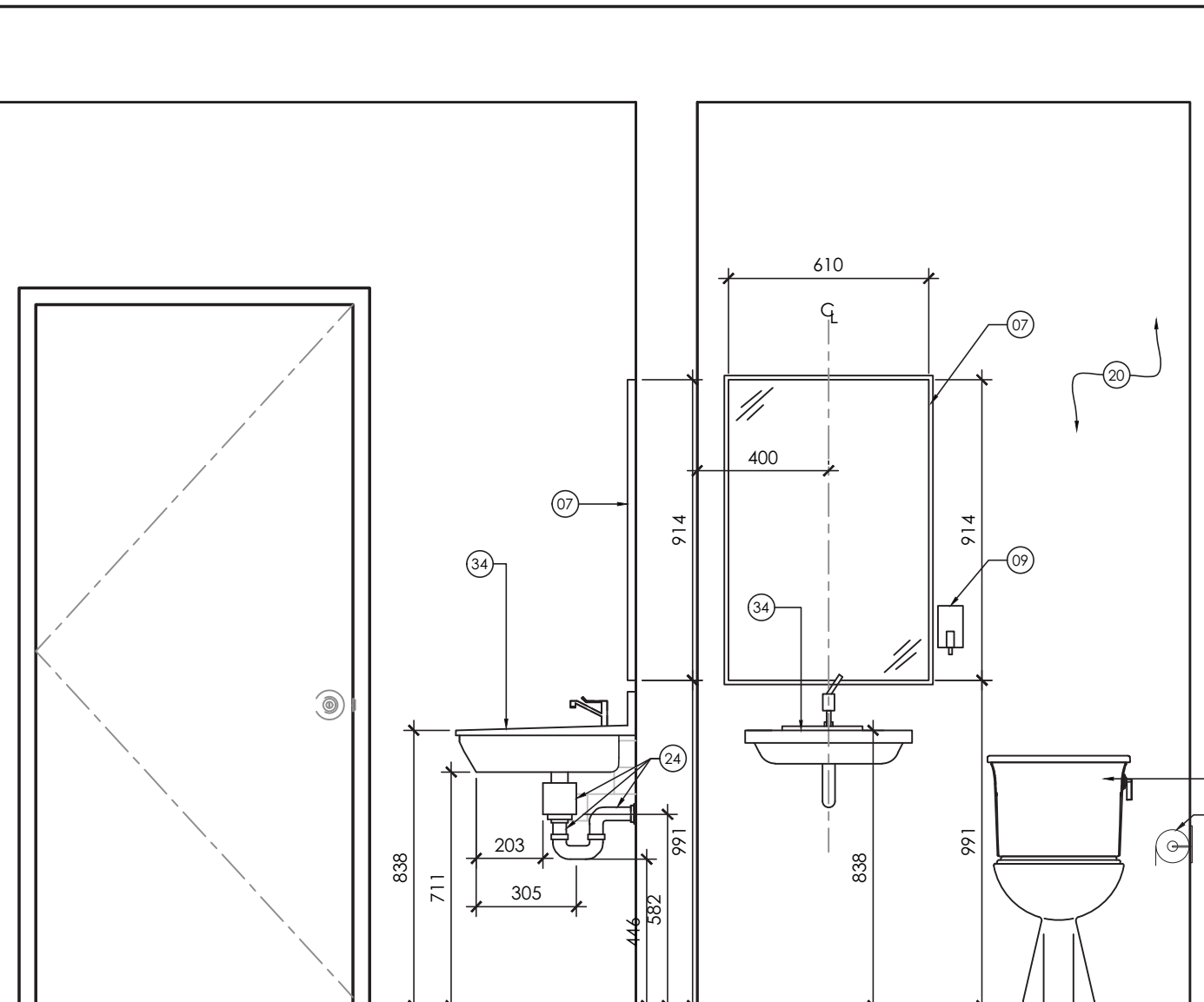
ELEVATION D



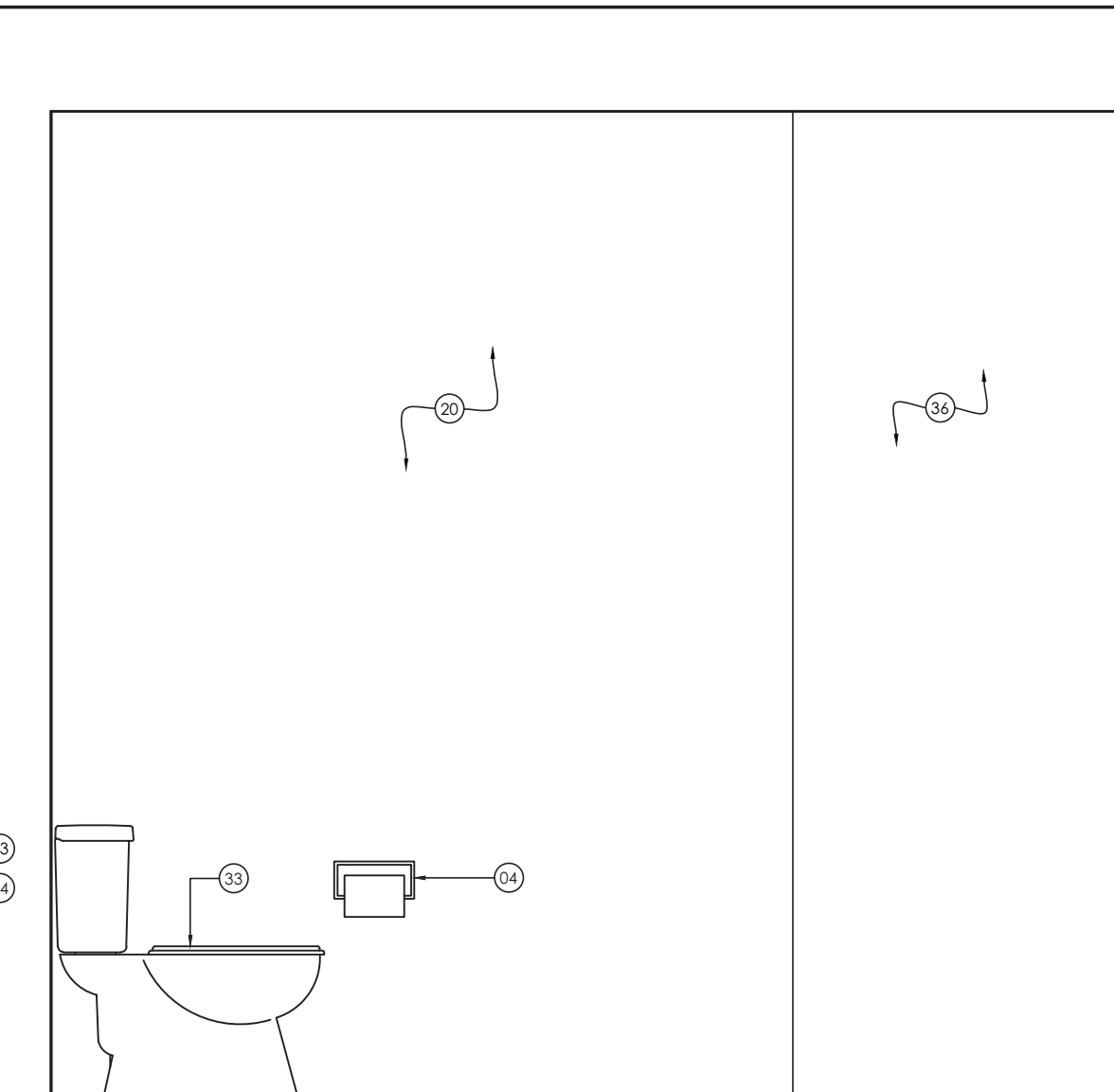
ELEVATION E



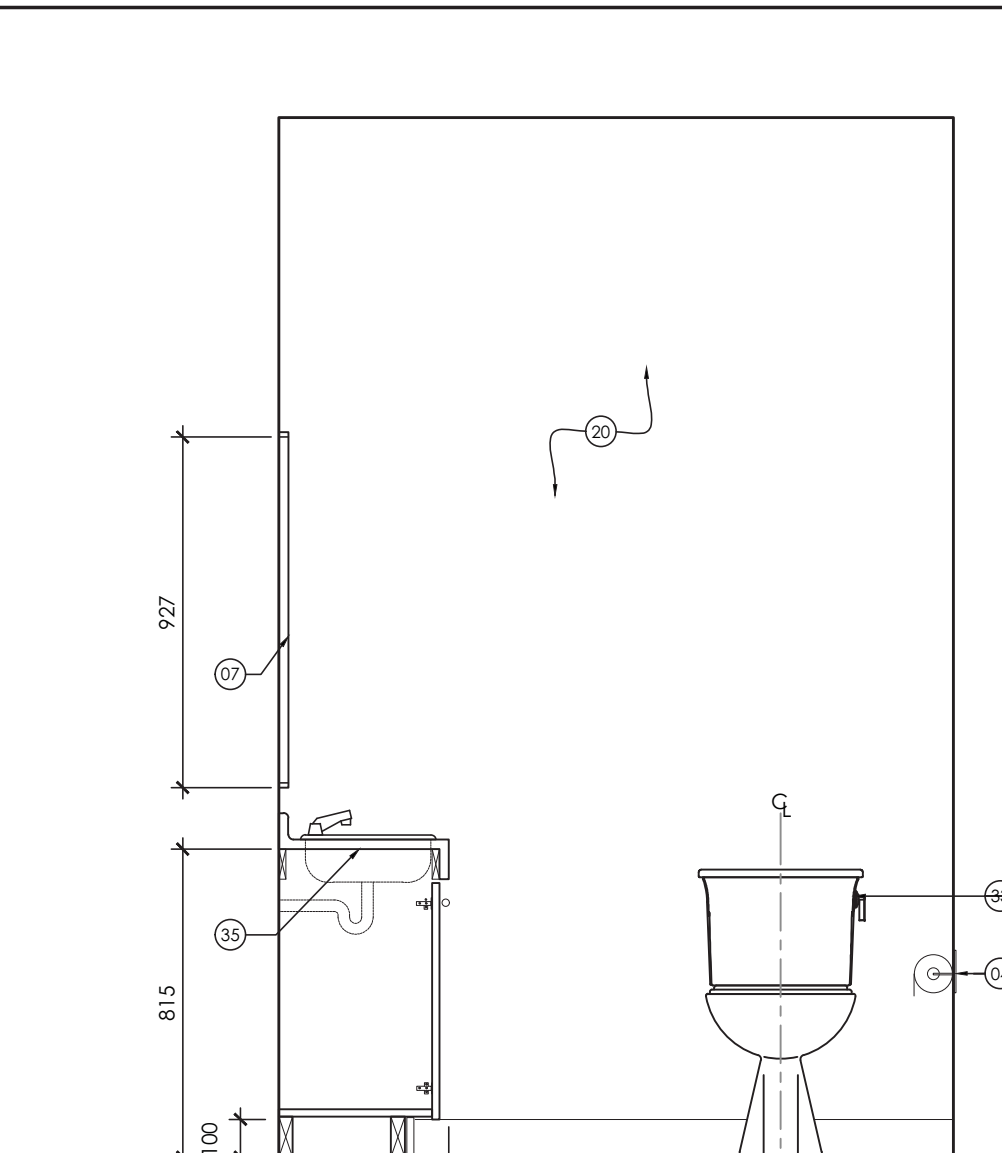
ELEVATION F



ELEVATION G



ELEVATION H



ELEVATION I

01	ISSUED FOR BUILDING PERMIT	2018/01/29
00	ISSUED FOR COORDINATION	2018/01/08
NO.	ISSUE	DATE (YY/MM/DD)

ORIENTATION

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**BRY-AIN HOLDINGS LTD.**

PROJECT

**EQUIPMENT REPAIR GARAGE**

2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE

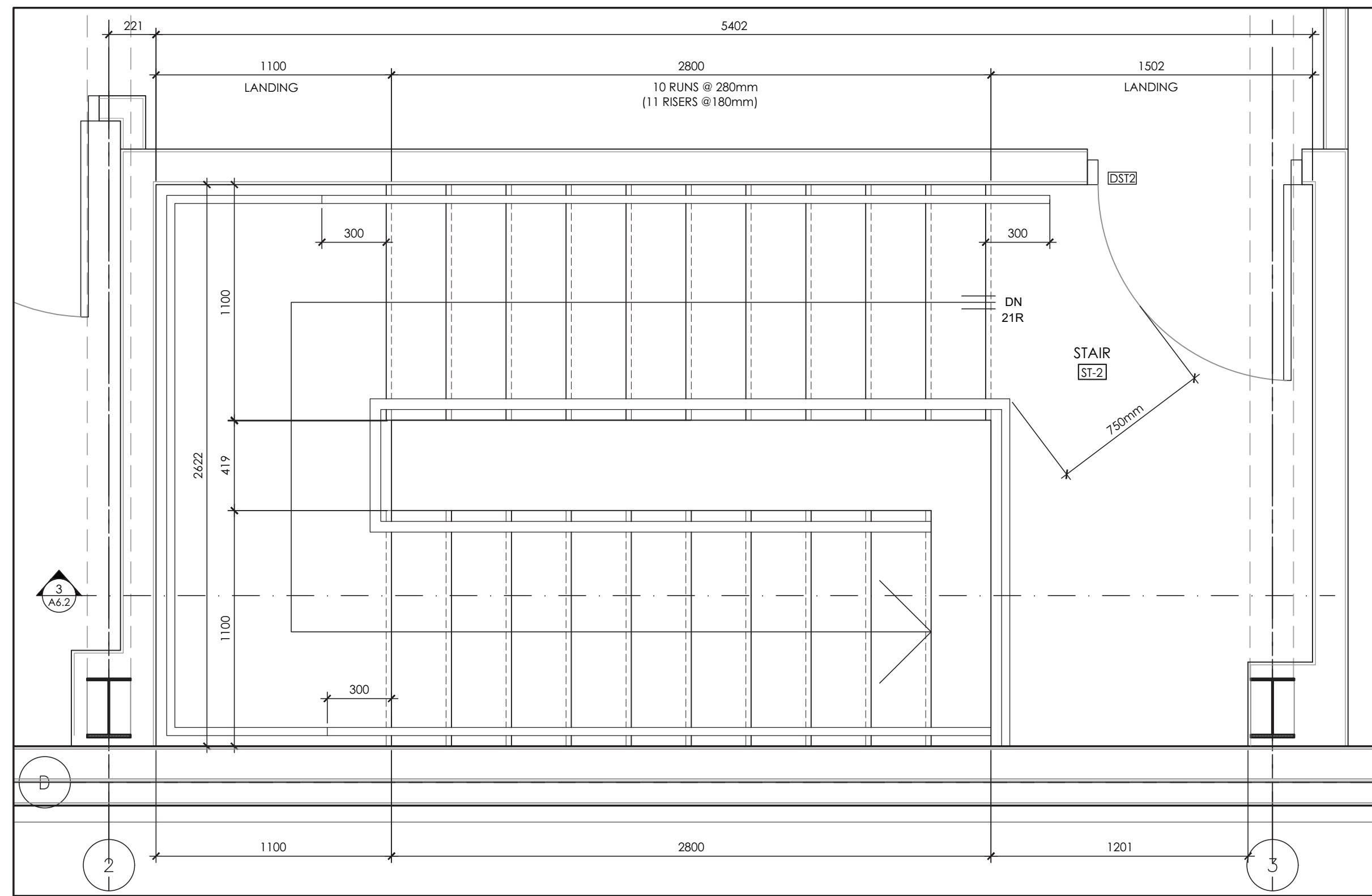
**WASHROOM ENLARGED PLANS, ELEVATIONS AND DETAILS**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A6.0</b>
START DATE	2017/06/05	PROJECT NO.
PROJECT NO.	17004	REVISION NO.
		01

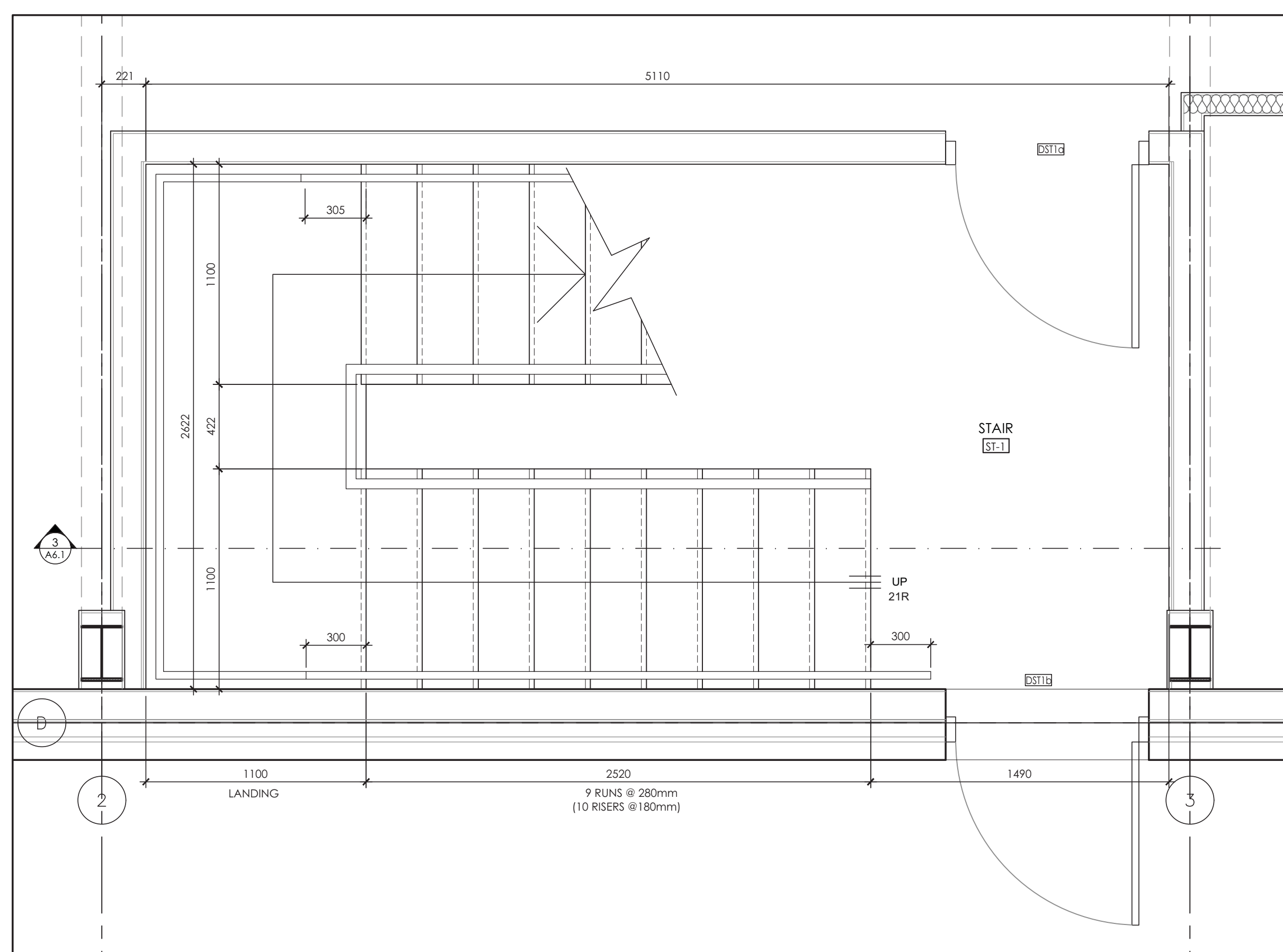


**GENERAL NOTES**

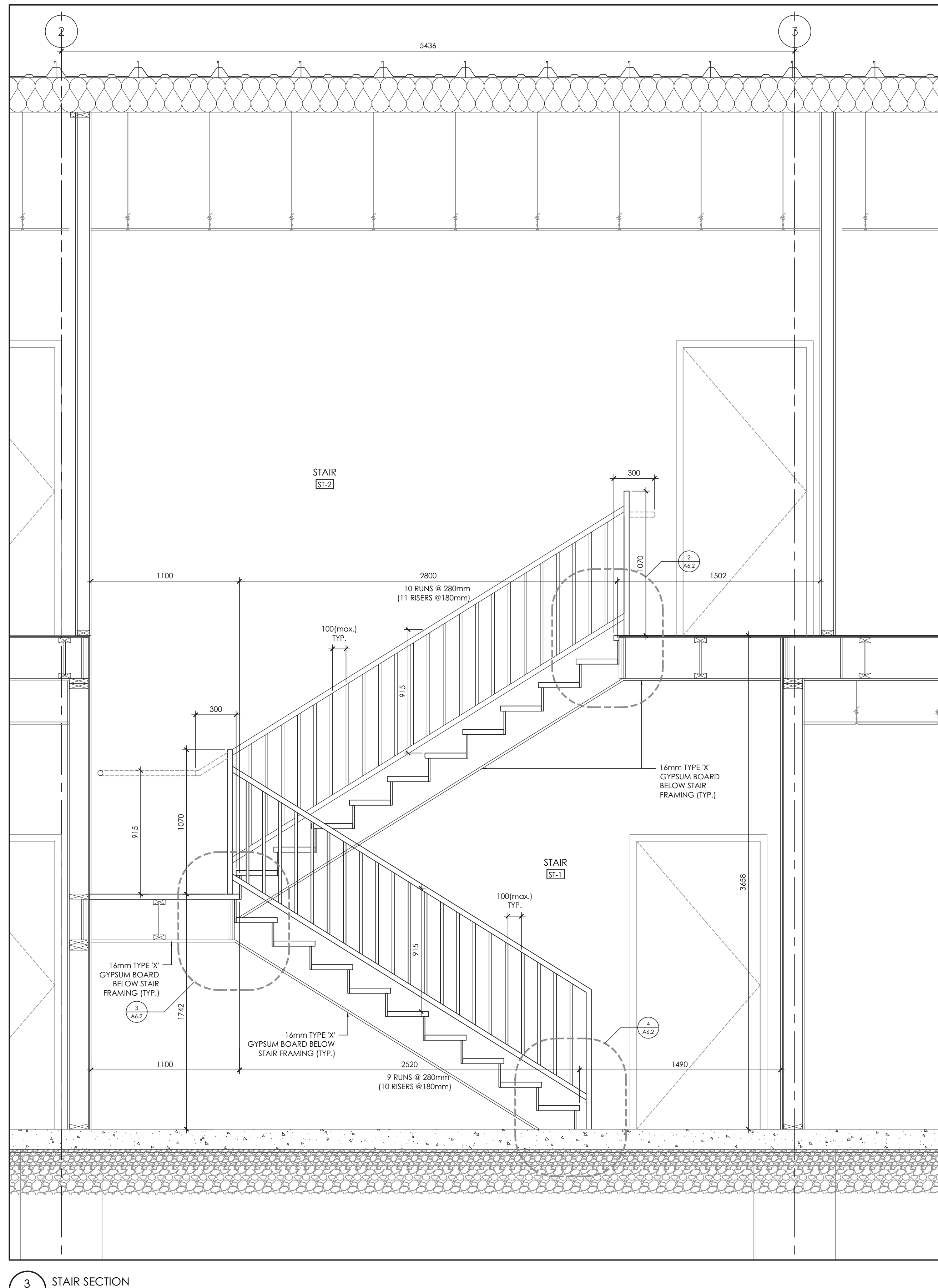
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
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1 STAIR ST-2 ENLARGED FLOOR PLAN  
SCALE 1:20



2 STAIR ST-1 ENLARGED FLOOR PLAN  
SCALE 1:20



3 STAIR SECTION  
SCALE 1:20

NO.	ISSUE	DATE (YY/MM/DD)
01	ISSUED FOR BUILDING PERMIT	2018/01/29
00	ISSUED FOR COORDINATION	2018/01/08

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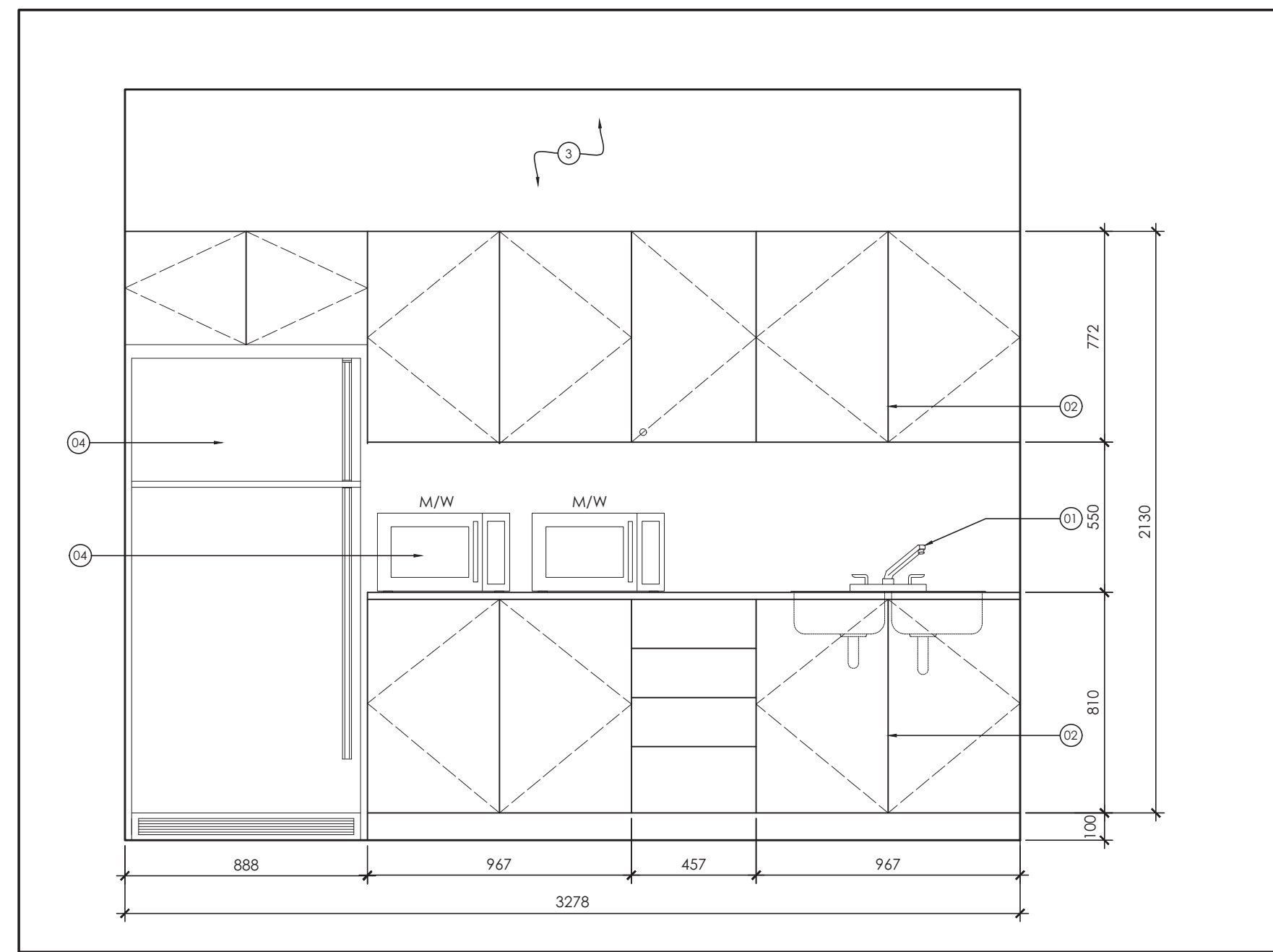
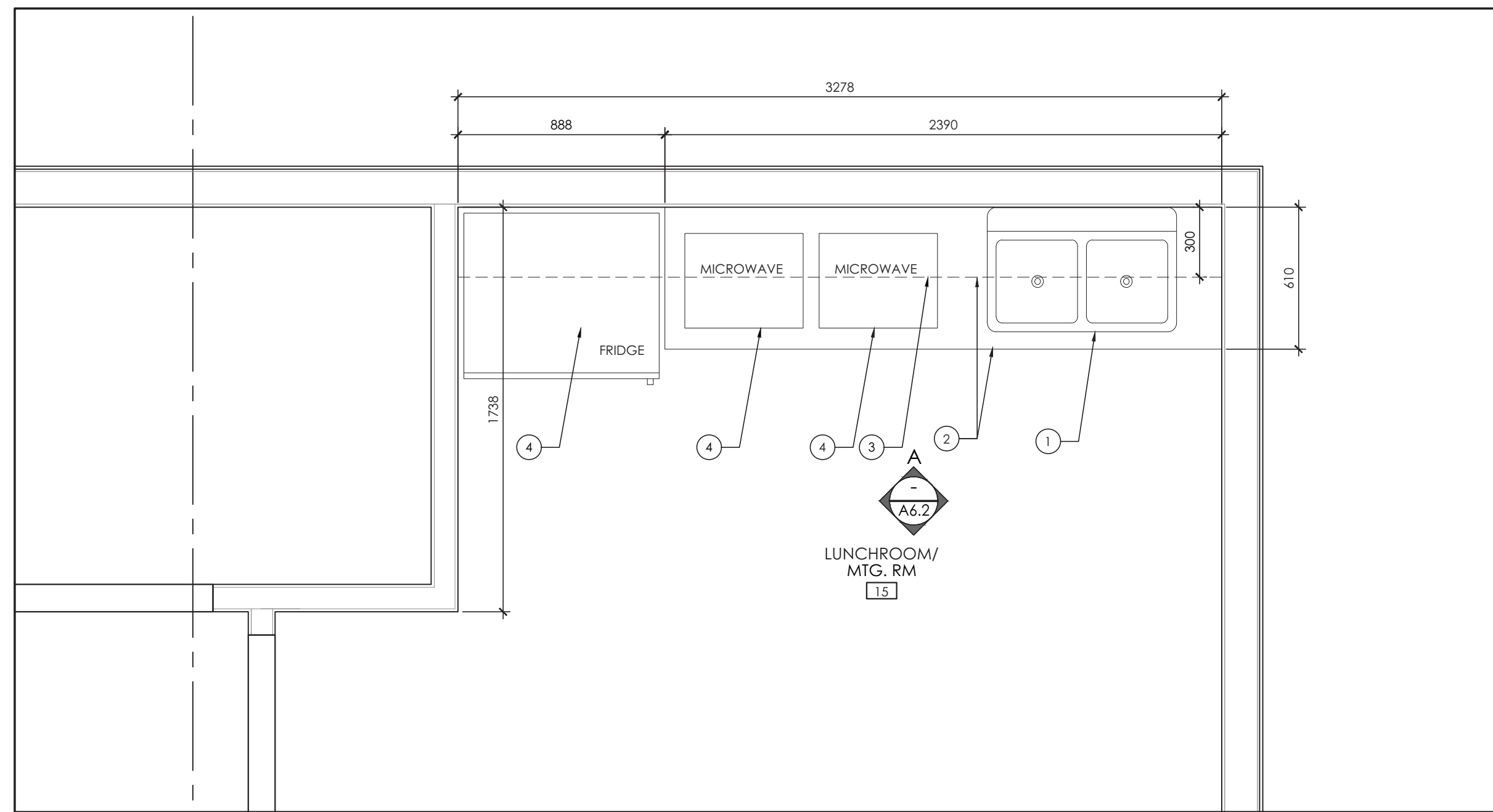
**EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE

**STAIR ENLARGED PLANS AND SECTION**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A6.1</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01



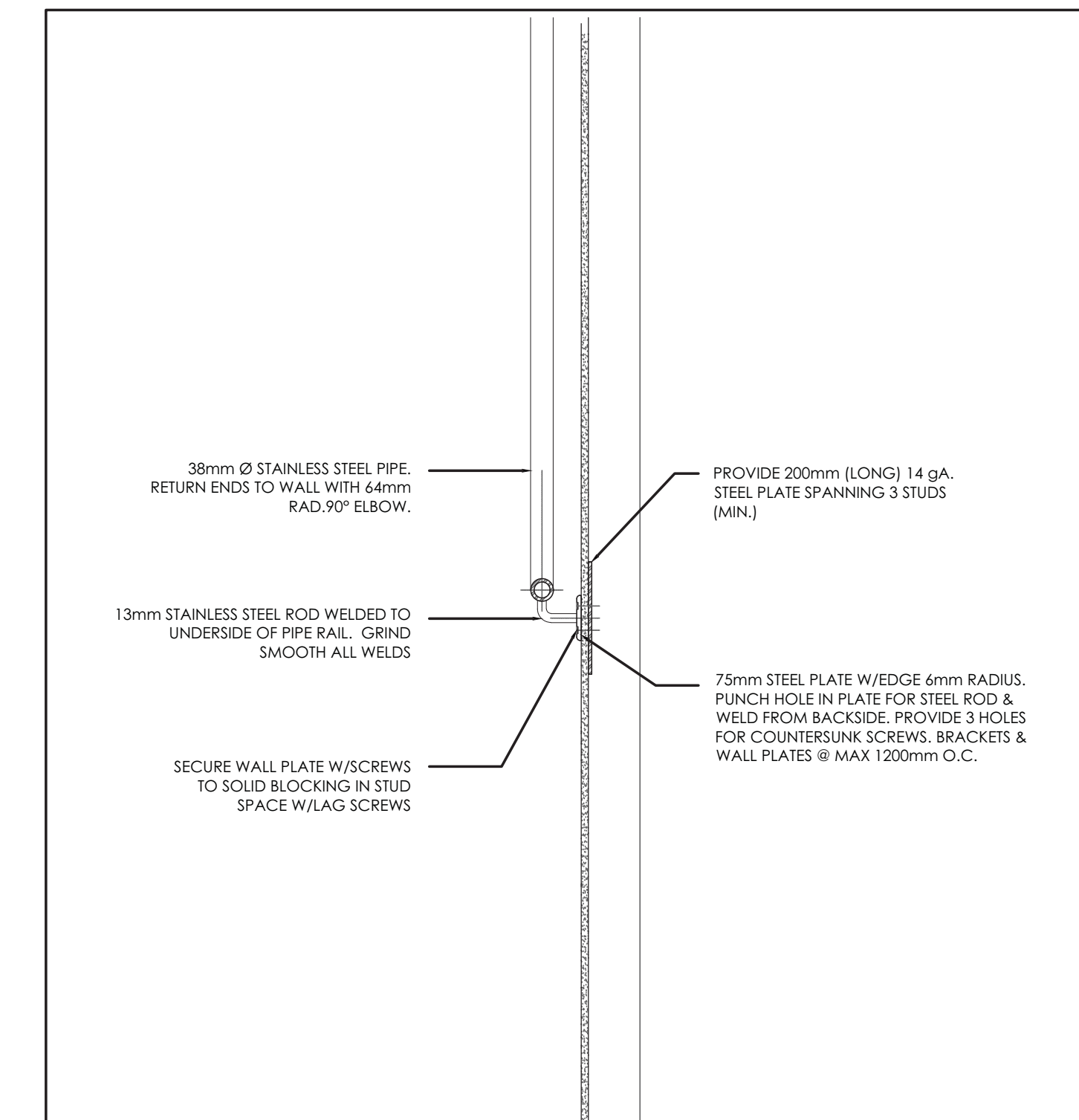
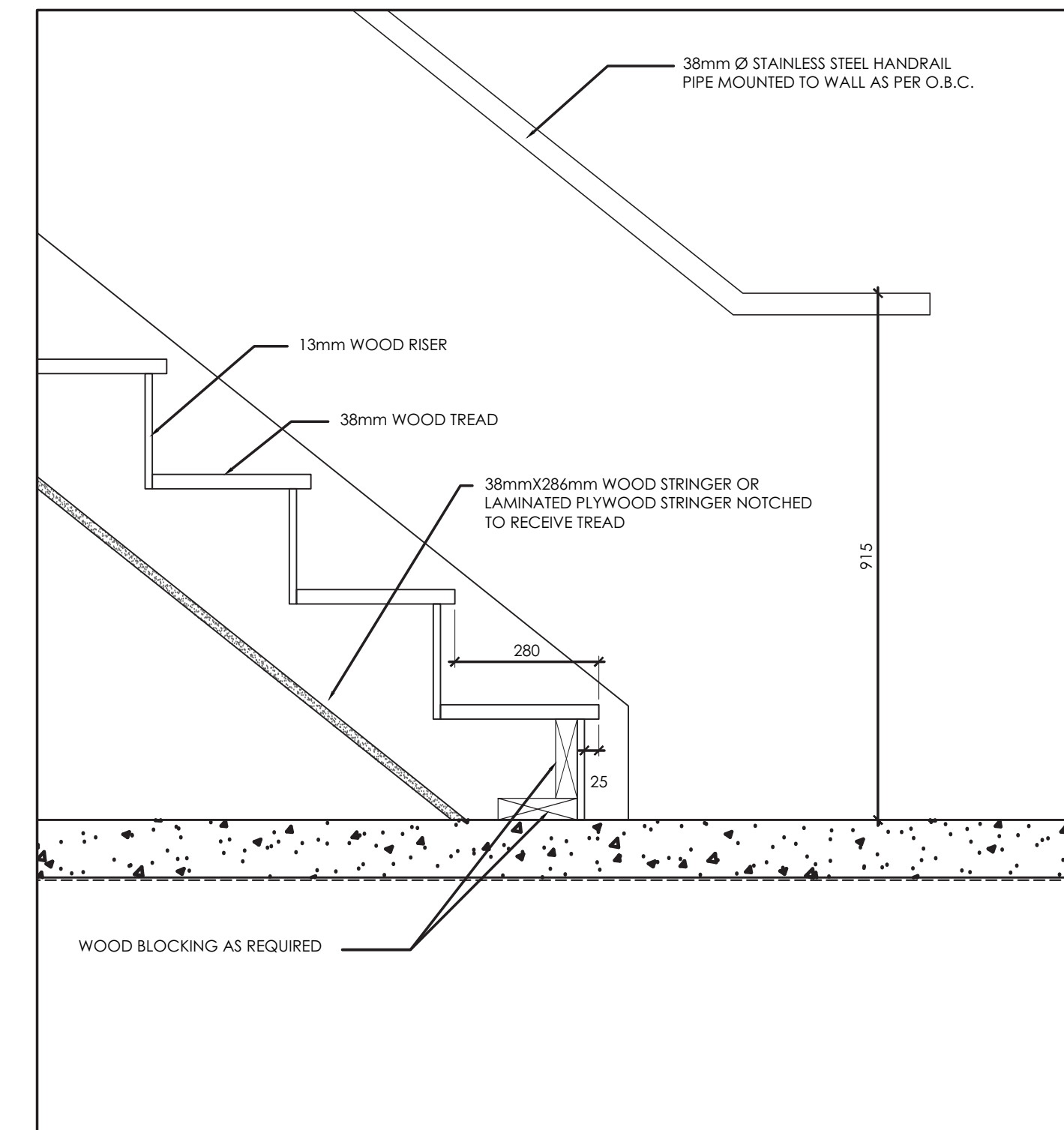
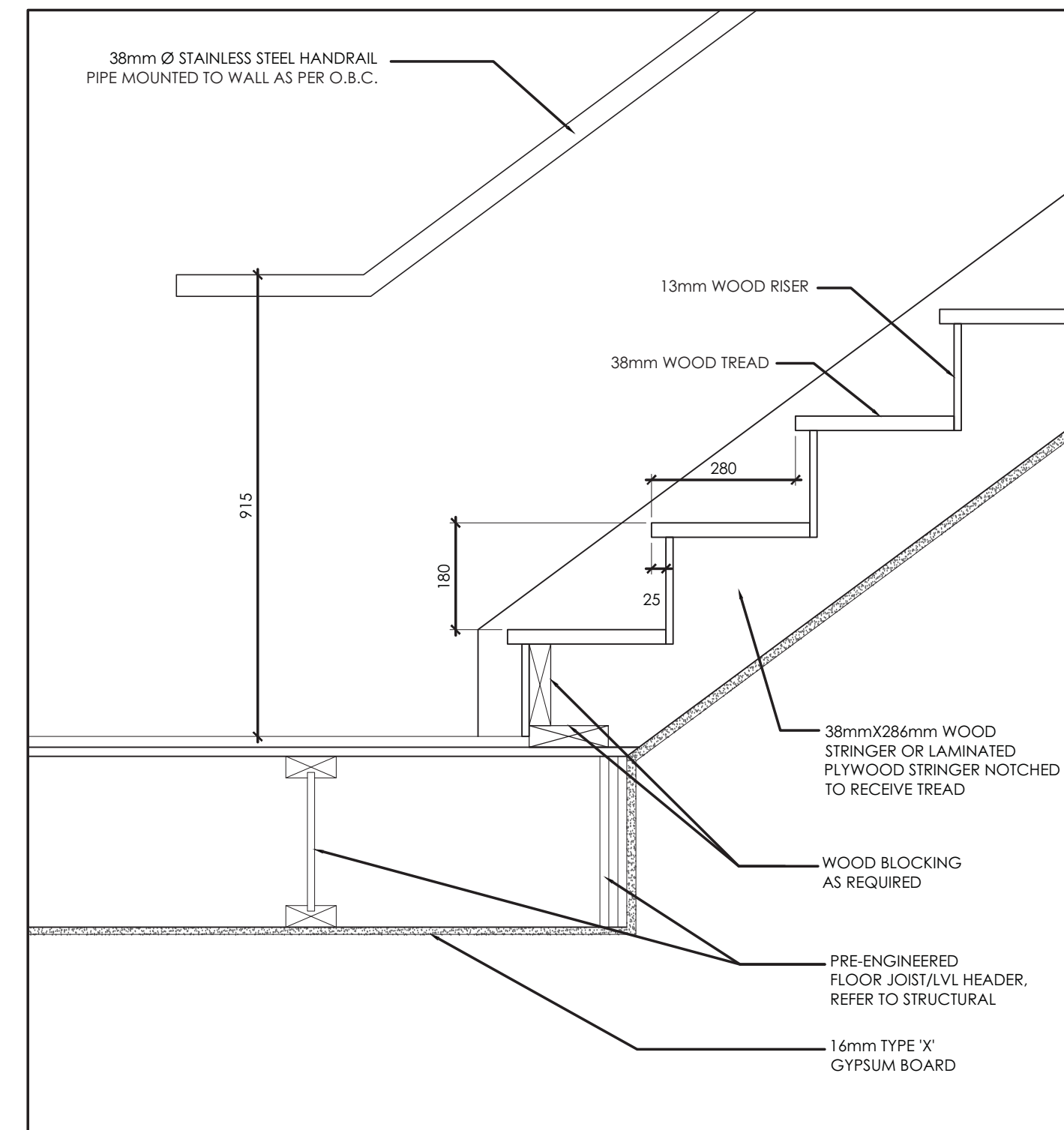
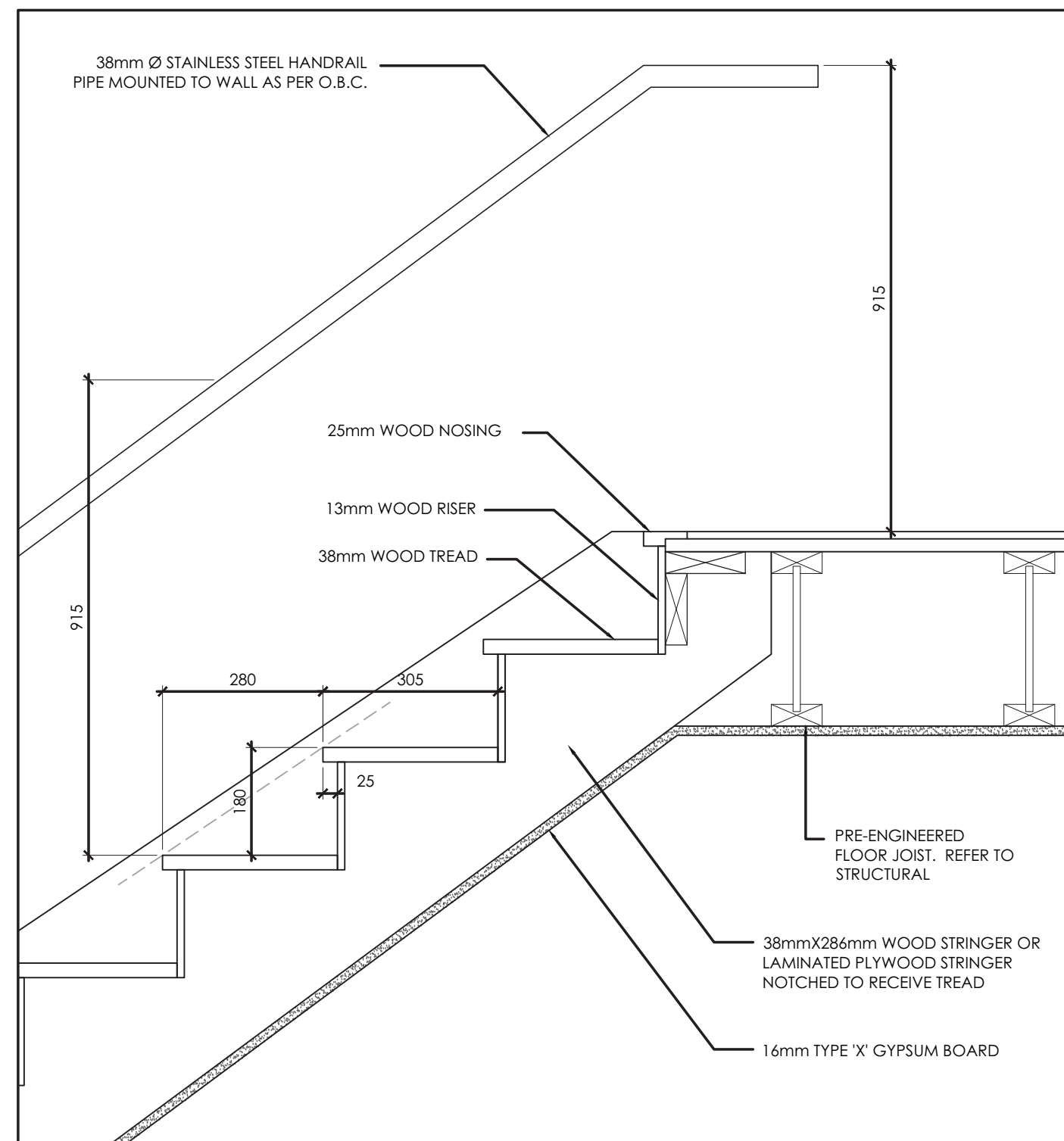


- KITCHEN PLANS AND ELEVATION NOTES**
- (01) PROVIDE NEW STAINLESS STEEL KITCHEN SINK C/W LEVER-TYPE FAUCETS AND ALL PLUMBING PIPES. REFER TO THE MECHANICAL DRAWINGS.
  - (02) COUNTERTOP, UPPER AND LOWER CABINETS CONSTRUCTION: P-LAM FINISH ON 19mm PLYWOOD. ALL CONCEALED SURFACES TO RECEIVE WHITE MELAMINE FINISH. ALL EXPOSED SURFACES AND EDGES TO HAVE PRE LAMINATED FINISH. COLOUR TO BE SELECTED BY OWNER.
  - (03) LINE OF UPPER CABINETS ABOVE.
  - (04) APPLIANCES BY OWNER.
  - (05) RESERVED.

- GENERAL NOTES**
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
  - CONTRACTOR MUST COMPLY WITH ALL CODES AND BYLAWS AND OTHER REGULATIONS BY AUTHORITIES HAVING JURISDICTION OVER THE WORK.
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1 KITCHEN ENLARGED FLOOR PLAN  
A6.2 SCALE 1:20

ELEVATION A



2 STAIR TREAD/RISER TYPICAL DETAIL  
A6.2 SCALE 1:10

3 STAIR DETAIL  
A6.2 SCALE 1:10

4 STAIR DETAIL  
A6.2 SCALE 1:10

5 HANDRAIL WALL ATTACHMENT DETAIL (TYP.)  
A6.2 SCALE 1:10

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**EQUIPMENT REPAIR GARAGE**  
2688 CARP ROAD  
KANATA, ON K0A 1L0

DRAWING TITLE

**KITCHEN ENLARGED PLAN AND ELEVATION, TYPICAL STAIR DETAILS**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A6.2</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO. 01





**DOOR AND FRAME SCHEDULE**

DOOR							FRAME			GLAZING	HARDWARE	REMARKS
NO.	FROM	TO	SIZE	TYPE	MATERIAL	HINGE	SIZE	TYPE	MATERIAL	TYPE	GROUP NO.	
D01	EXTERIOR	WAITING ROOM	965 X 2134	DT-1	AL	LHR	1950 X 2634	FT-1	AL	HSDG	01	-
D02	WAITING ROOM	DISPATCHER'S OFFICE	965 X 2134	DT-6	HM	RH	1065 X 2184	FT-3	WD	TEMP.	02	-
D03	WAITING ROOM	GENERAL OFFICE	965 X 2134	DT-6	HM	RH	1065 X 2184	FT-3	WD	TEMP.	02	-
D04	CORRIDOR	UNIVERSAL WASHRM	965 X 2134	DT-5	HM	RH	1065 X 2184	FT-3	PS	-	03	-
D05	REPAIR GARAGE	STOCK ROOM	915 X 2134	DT-5	HM, INS.	LH	1015 X 2184	FT-3	PS	-	04	ULC LABELED, 20min F.R.R. DOOR & FRAME
D06	REPAIR GARAGE	UNISEX W/C	915 X 2134	DT-5	HM, INS.	RH	1015 X 2184	FT-3	PS	-	05	ULC LABELED, 20min F.R.R. DOOR & FRAME
D07	REPAIR GARAGE	CORRIDOR	965 X 2134	DT-6	HM, INS.	RH	1065 X 2184	FT-3	PS	WG	06	ULC LABELED, 20min F.R.R. DOOR & FRAME
D08	CORRIDOR	MECH/ELEC RM	915 X 2134	DT-5	HM	LH	1015 X 2184	FT-3	PS	-	07	-
D09a	REPAIR GARAGE	EXTERIOR	915 X 2134	DT-5	HM, INS.	LH	1015 X 2184	FT-3	PS	-	08	-
D09b	REPAIR GARAGE	EXTERIOR	915 X 2134	DT-5	HM, INS.	LH	1015 X 2184	FT-3	PS	-	08	-
D09c	REPAIR GARAGE	EXTERIOR	915 X 2134	DT-5	HM, INS.	RH	1015 X 2184	FT-3	PS	-	08	-
D10	CORRIDOR	PRESIDENT	915 X 2134	DT-5	SCWD	LH	1015 X 2184	FT-3	WD	-	09	-
D11	CORRIDOR	OFFICE	915 X 2134	DT-5	SCWD	RH	1015 X 2184	FT-3	WD	-	09	-
D12	CORRIDOR	OFFICE	915 X 2134	DT-5	SCWD	LH	1015 X 2184	FT-3	WD	-	09	-
D13	CORRIDOR	W/C	915 X 2134	DT-5	HM	RH	1015 X 2184	FT-3	PS	-	10	-
D14	CORRIDOR	STORAGE	915 X 2134	DT-5	HM	RH	1015 X 2184	FT-3	PS	-	11	-
D15	CORRIDOR	LUNCH/MTG. ROOM	915 X 2134	DT-3	HM	LH	1015 X 2184	FT-3	PS	TEMP.	12	-
DST1a	CORRIDOR	ST-1	915 X 2134	DT-2	HM	LH	1015 X 2184	FT-3	PS	WG	13	ULC LABELED, 20min F.R.R. DOOR & FRAME
DST1b	ST-1	EXTERIOR	915 X 2134	DT-1	AL	LH	1015 X 2184	FT-2	AL	HSDG	13	-
DST2	CORRIDOR	ST-2	915 X 2134	DT-2	HM	LH	1015 X 2184	FT-3	PS	WG	14	ULC LABELED, 20min F.R.R. DOOR & FRAME
OH01	EXTERIOR	REPAIR GARAGE	4877X4877	DT-6	INS. SEC. PS	N/A	NOTE 5*	FT-4	PS	NOTE 4*	15	-
OH02	EXTERIOR	REPAIR GARAGE	4877X4877	DT-6	INS. SEC. PS	N/A	NOTE 5*	FT-4	PS	NOTE 4*	15	-
OH03	EXTERIOR	REPAIR GARAGE	4877X4877	DT-6	INS. SEC. PS	N/A	NOTE 5*	FT-4	PS	NOTE 4*	15	-
OH04	EXTERIOR	REPAIR GARAGE	4877X4877	DT-6	INS. SEC. PS	N/A	NOTE 5*	FT-4	PS	NOTE 4*	15	-
OH05	EXTERIOR	REPAIR GARAGE	4877X4877	DT-6	INS. SEC. PS	N/A	NOTE 5*	FT-4	PS	NOTE 4*	15	-

**DOOR, FRAME & HARDWARE NOTES**

**DOOR FINISH NOTES**

- ALL WOOD & STEEL DOORS & FRAMES TO BE PAINTED, COLOUR TO BE SELECTED BY THE OWNER.
- ALL NEW DOOR HARDWARE TO BE SELECTED BY THE OWNER FOR STYLE, FINISH, AND INSTALLATION.
- ALL DOORS FITTED WITH CLOSERS TO BE ADJUSTED SO THAT THE FORCE REQUIRED TO OPEN THE DOOR DOES NOT EXCEED 22 NEWTON FORCE.
- REFER TO THE OVERHEAD DOOR MANUFACTURER FOR FRAME SIZE, STEEL GAUGE, HARDWARE, WIRING AND ALL ASSOCIATED DOOR ACCESSORIES REQUIRED TO OPERATE THE DOOR. OVERHEAD DOOR TO INCLUDE A WEATHER BOTTOM SEAL AND RUBBER WEATHER-STRIPPING (TYP. ALL 3 SIDES).

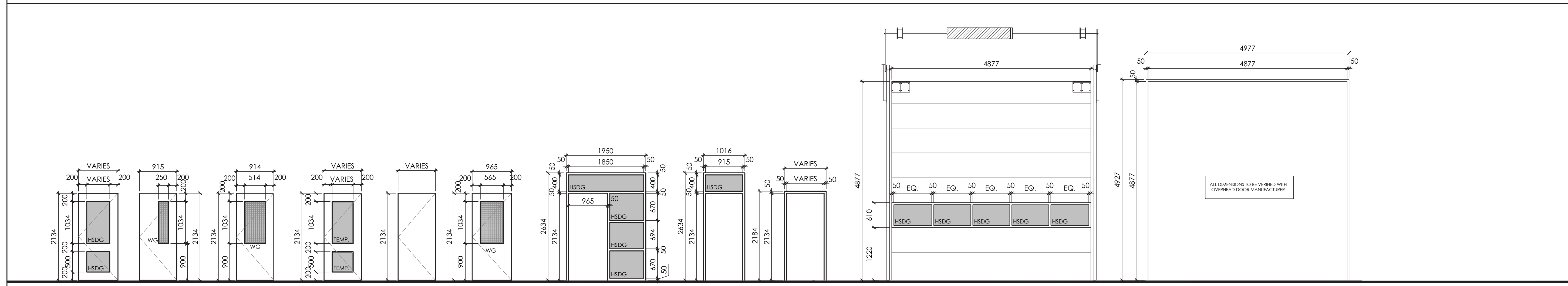
**HARDWARE NOTES**

- REFER TO DWG A7.1 FOR HARDWARE GROUPS.
- CONTRACTOR TO CONFIRM ALL DOOR LOCKSET FUNCTIONS WITH THE OWNER PRIOR TO ORDERING ALL HARDWARE. COORDINATE WITH DOOR MANUFACTURER/SUPPLIER.
- ALL DOOR HARDWARE SPECIFICATIONS TO BE COORDINATED WITH, AND CONFIRMED BY, THE OWNER FOR MANUFACTURER, MODEL, FINISH, ETC.
- REFER TO THE ELECTRICAL DRAWINGS FOR CONDUITS, WIRING, FIRE-ALARM CONNECTIONS, ETC.

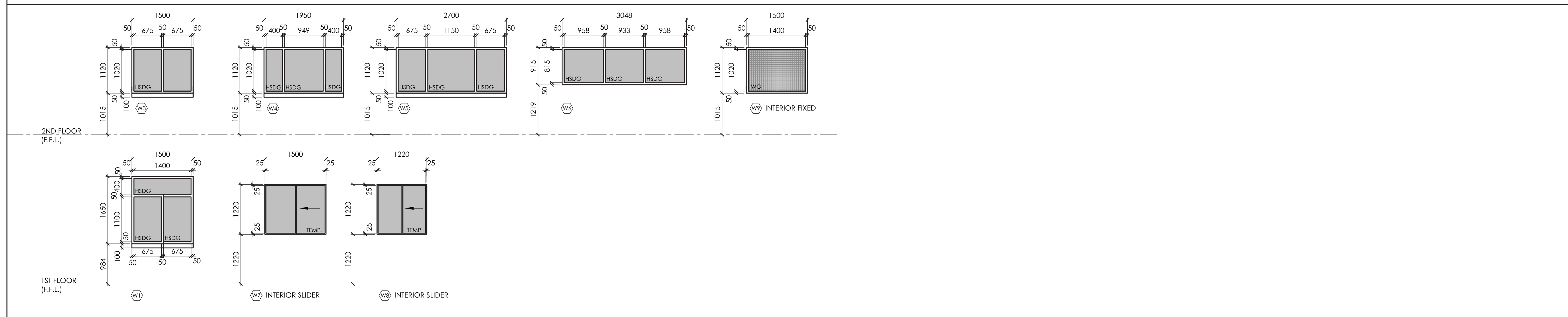
**LEGEND**

HM	HOLLOW METAL
AL	ALUMINUM
PS	PRESSED STEEL
INS	INSULATED
SEC	SECTIONAL
HSDG	HERMETICALLY SEALED DOUBLE GLAZING
WG	WIRED GLASS
DT	DOOR TYPE (REFER TO DOOR ELEVATION)
FT	FRAME TYPE (REFER TO FRAME ELEVATION)
DA	DOUBLE ACTING SWING DOOR
RH	RIGHT-HAND SWING
LH	LEFT-HAND SWING
RHR	RIGHT-HAND-REVERSED SWING
LHR	LEFT-HAND-REVERSED SWING
PKG	HARDWARE PACKAGE (REFER TO THE HARDWARE SCHEDULE)
TEMP.	TEMPERED GLASS
SCWD	SOLID CORE WOOD DOOR
WD	WOOD DOOR

**DOOR AND FRAME ELEVATIONS (SCALE 1:50)**



**WINDOW ELEVATIONS (SCALE 1:50)**



**GENERAL NOTES**

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**BRY-AIN HOLDINGS LTD.**

PROJECT

**EQUIPMENT REPAIR GARAGE**  
 2688 CARP ROAD  
 KANATA, ON K0A 1L0

DRAWING TITLE

**SCHEDULES**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A7.0</b>
START DATE	2017/06/05	
PROJECT NO.	17004	REVISION NO.
		01



**DOOR HARDWARE SCHEDULE**

**HARDWARE GROUP NO. 01 - D01**

Qty	Description	Catalog Number	Finish	Mfr
1	EA	CONT. HINGE	112XY	IVE
1	EA	DEADLOCK	TD1850	TAH
1	EA	MORTISE THUMBTURN	TT1025	TAH
1	EA	MORTISE CYLINDER	20-013 118	626 SCH
1	EA	PUSH/PULL BAR	9190HD-305MM-NS	630 IVE
1	EA	OH STOP	100S ADJ	630 GLY
1	EA	SURF. AUTO OPERATOR	9542 MS	ANCLR LCN
1	EA	WEATHER RING	8310-802	PLA LCN
1	EA	KEYSWITCH	8310-806K	BLK LCN
2	EA	ACTUATOR, WALL MOUNT	8310-852	630 LCN
2	EA	ESCUTCHEON	8310-876	689 LCN
1	EA	MOUNTING PLATE	9540-18	689 LCN
1	SET	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER		UNK
1	EA	DOOR SWEEP	39A X DR W	A ZER
1	EA	THRESHOLD	655A-223 X OPENING W	A ZER
1	EA	DOOR CONTACT	679-05HM	BLK SCE

**HARDWARE GROUP NO. 02 - D02, D03**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 127X114MM	652 IVE
1	EA	ENTRY / OFFICE LOCK	W511CP6 DANE	626 FAL
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CCV	626 IVE

**HARDWARE GROUP NO. 03 - D04**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 127X114MM	652 IVE
1	EA	STOREROOM LOCK	W581CP6 DANE	626 FAL
1	EA	ELECTRIC STRIKE	6211 FS CON	630 VON
1	EA	SURF. AUTO OPERATOR	9542 MS	ANCLR LCN
2	EA	ILLUMINATED ACTUATOR	CM-46/4GRF/SFE1	CAM
1	EA	MOUNTING PLATE	9540-18	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WIRE HARNESS	CON-6W	SCH
1	EA	AURA PUSH TO LOCK	CM-46/8GRF/SFE1	CAM
1	EA	DOOR CONTACT	679-05HM	BLK SCE
1	EA	ADVANCED LOGIC RELAY	CX-33	CAM
1	EA	EMERGENCY CALL KIT	CX-WEC10K2	CAM
1	EA	POWER SUPPLY	PS902 900-8F	LGR SCE

**HARDWARE GROUP NO. 04 - D05**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 114X102MM	652 IVE
1	EA	CLASSROOM LOCK	W561CP6 DANE	626 FAL
1	EA	SURFACE CLOSER	1450 DEL REG	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CVX	626 IVE
1	EA	GASKETING	188SBK PSA (1XDR W, 2 X DR H)	BK ZER

**HARDWARE GROUP NO. 05 - D06**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 114X102MM	630 IVE
1	EA	PUBLIC RESTRM W/OCCUPANCY INDICATOR	H2171 DANE	626 FAL
1	EA	OH STOP	100S	630 GLY
1	EA	SURFACE CLOSER	1450 DEL REG SRI ST-5011	689 LCN
1	EA	MOUNTING PLATE	1450-18 SRI	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	GASKETING	188SBK PSA (1XDR W, 2 X DR H)	BK ZER

**HARDWARE GROUP NO. 06 - D07**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 127X114MM NRP	652 IVE
1	EA	CLASSROOM LOCK	W561CP6 DANE	626 FAL
1	EA	SURFACE CLOSER	4050 DEL REG	689 LCN
1	EA	SURF. AUTO OPERATOR	9542 MS	ANCLR LCN
1	SET	WEATHERSTRIP	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER	UNK
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CVX	626 IVE
1	EA	GASKETING	188SBK PSA (1XDR W, 2 X DR H)	BK ZER

**HARDWARE GROUP NO. 07 - D08**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 114X102MM	652 IVE
1	EA	STOREROOM LOCK	W581CP6 DANE	626 FAL
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CVX	626 IVE

**HARDWARE GROUP NO. 08 - D09a, D09b, D09c**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 114X102MM NRP	630 IVE
1	EA	PANIC HARDWARE	25-R-EO	626 FAL
1	EA	SURFACE CLOSER	4050 SHCUSH	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	GASKETING	328AA-S (1XDR W, 2 X DR H)	AA ZER
1	EA	DOOR SWEEP	39A X DR W	A ZER
1	EA	THRESHOLD	655A-223 X OPENING W	A ZER
1	EA	MOUNTING BRACKET	328SPB	ZER
1	EA	DOOR CONTACT	679-05HM	BLK SCE

**HARDWARE GROUP NO. 09 - D10, D11, D12**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 114X102MM	652 IVE
1	EA	ENTRY / OFFICE LOCK	W511CP6 DANE	626 FAL
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CCV	626 IVE

**HARDWARE GROUP NO. 10 - D13**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 114X102MM	652 IVE
1	EA	PRIVACY LOCK	W301S DANE	626 FAL
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CCV	626 IVE

**HARDWARE GROUP NO. 11 - D14**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1 114X102MM	652 IVE
1	EA	PRIVACY LOCK	W301S DANE	626 FAL
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CCV	626 IVE

**HARDWARE GROUP NO. 12 - D15**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 114X102MM	652 IVE
1	EA	STOREROOM LOCK	W581CP6 DANE	626 FAL
1	EA	SURFACE CLOSER	1450 DEL REG	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CVX	626 IVE

**HARDWARE GROUP NO. 13 - DST1a, DST2**

Qty	Description	Catalog Number	Finish	Mfr
3	EA	HINGE	5BB1HW 114X102MM	652 IVE
1	EA	FIRE EXIT HARDWARE	F-25-R-L-BE-DANE	626 FAL
1	EA	SURFACE CLOSER	4050 REG	689 LCN
1	EA	PROTECTION PLATE	8400 215MM X 40MM LDW B-CS	612 IVE
1	EA	WALL STOP	WS406/407CVX	626 IVE
1	EA	GASKETING	188SBK PSA (1XDR W, 2 X DR H)	BK ZER

**HARDWARE GROUP NO. 14 - DST1b**

Qty	Description	Catalog Number	Finish	Mfr
1	EA	CONT. HINGE	112XY	628 IVE
1	EA	PANIC HARDWARE	24-R-EO	626 FAL
1	EA	OH STOP	100S	630 GLY
1	EA	SURFACE CLOSER	4021	689 LCN
1	EA	MOUNTING PLATE	4020-18G	689 LCN
1	SET	WEATHERSTRIP	WEATHERSTRIP BY DOOR/FRAME MANUFACTURER	UNK
1	EA	DOOR SWEEP	39A X DR W	A ZER
1	EA	THRESHOLD	655A-223 X OPENING W	A ZER
1	EA	DOOR CONTACT	679-05HM	BLK SCE

**HARDWARE GROUP NO. 15 - OHD01, OHD02, OHD03, OHD04, OHD05**

Qty	Description	Catalog Number	Finish	Mfr
1	DESCRIPTION	HARDWARE BY DOOR & FRAME MANUFACTURER		UNK



**GENERAL NOTES**

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS ON SITE AND SHALL REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
- CONTRACTOR MUST COMPLY WITH ALL CODES AND BYLAWS AND OTHER REGULATIONS BY AUTHORITIES HAVING JURISDICTION OVER THE WORK.
- DO NOT SCALE THIS DRAWING.
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02	ISSUED FOR BUILDING PERMIT	2018/01/29
00	ISSUED FOR COORDINATION	2018/01/08
NO.	ISSUE	DATE (YY/MM/DD)

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PROJECT  
**EQUIPMENT REPAIR GARAGE**  
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 KANATA, ON K0A 1L0

DRAWING TITLE  
**DOOR HARDWARE SCHEDULES**

DRAWN BY	C.M.	DRAWING NO.
REVIEWED BY	A.A.	<b>A7.1</b>
START DATE	2017/06/05	
PROJECT NO.	17004	
REVISION NO.	01	