Dra	awing List - Architectural
Sheet Number	Sheet Name
A000	Title Sheet
A001	Abbreviations, Wall & Roof Types And General Notes
A101	Site Plans & OBC Matrix
A102	Site Plan Details
A103	Site Plan Details
A200	Fire Separation Plan & Details
A201	Level 1 Floor Plan
A202	Upper Apparatus Bay Plan
A203	Roof Plan
A210	Enlarged Floor Plans
A211	Enlarged Floor Plans
A212	Enlarged Floor Plans
A213	Enlarged Floor Plan & Plan Details
A214	Plan Details
A215	Plan Details
A301	North & South Exterior Elevations
A302	East & West Exterior Elevations
A310	Curtain Wall Elevations
A401	Building Sections
A402	Wall Sections
A403	Wall Sections
A404	Wall Sections
A405	Wall Sections
A406	Wall Sections
A407	Wall Sections
A408	Section Details
A409	Section Details
A410	Section Details
A601	Interior Elevations
A602	Interior Elevations
A620	Millwork Sections & Misc. Details
A630	Door & Frame Schedule and Interior Screen Elevation
A701	Level 1 Reflected Ceiling Plan
A702	Upper Apparatus Bay Reflected Ceiling Plan

D	rawing List - Structural	
Sheet Number	Sheet Name	Sheet Num
S000	Cover	M001
S101	General Notes	M101
S102	General Notes	M200
S103	Typical Details	M201
S104	Typical Details	M202
S105	Typical Details	M301
S106	Typical Details	M302
S107	Typical Details	M303
S108	Typical Details	M304
S109	Typical Details	M401
S201	Leve 1 / Foundation Plan	M601
S202	Lower Roof Framing Plan	M602
S203	Upper Roof Framing Plan	M610
S401	Wall Elevations	M621
S701	FDN Walls Sections	M641
S702	FDN Walls Sections	M642
S811	Sections And Details	M643
S812	Sections And Details	M644
S821	Sections And Details	M645
		M646
		NAC 47

Dr	awing List - Mechanical
Sheet Number	Sheet Name
M001	Mechanical Legend & Drawing List
M101	Mechanical Site Plan
M200	Foundation Plan - Plumbing & Drainage
M201	Level 1 Plan - Plumbing & Drainage
M202	Roof Plan - Plumbing & Drainage
M301	Level 1 Part Plan West - Ventilation
M302	Level 1 Part Plan East - Ventilation
M303	Level 1 Part Plan North - Ventilation
M304	Roof Plan - Ventilation
M401	Level 1 Plan - Fire Protection
M601	VRV Schematic
M602	Fire Protection & Gas Schematic
M610	Mechanical Equipment Schedule
M621	Mechanical Sections
M641	Mechanical Details I
M642	Mechanical Details II
M643	Mechanical Details III
M644	Mechanical Details IV
M645	Mechanical Details V
M646	Mechanical Details VI
M647	Mechanical Details VII
M648	Mechanical Details VIII
M650	Control Sequences

Drawing List - Electrical				
Sheet Number	Sheet Name			
E001	Electrical Legend			
E101	Electrical Site Plan			
E102	Electrical Site Lighting Plan			
E103	Electrical Site Plan Details			
E104	Electrical Site Plan - Alectra Details			
E201	Level 1 Plan - Lighting			
E301	Level 1 Plan - Power & Systems			
E302	Roof Plan - Power & Systems			
E401	Fire Alarm Key Plan			
E501	Electrical Details (1)			
E502	Electrical Details (2)			
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E601	Electrical Schedules			

Sheet Number	Sheet Name
L1	Tree Management & Landscape Plan
L2	Landscape Details

Drawing List - Civil				
Sheet Number	Sheet Name			
C1.1	Existing Conditions & Removals Plan			
C2.1	Site Grading Plan			
C2.2	Site Servicing Plan			
C2.3	Notes & Details Plan			



## **FIRE STATION 201**

27 Rutherford Road South, Brampton, Ontario L6W 3J3

**ISSUED FOR TENDER** - September 20th, 2021

### **CONSULTING TEAM**

### **ARCHITECTURAL**

SALTER PILON ARCHITECTURE INC. 151 FERRIS LANE, SUITE 400 BARRIE, ONTARIO L4M 6C1 T: 705-737-3530 F: 705-737-3539

### STRUCTURAL

READ JONES CHRISTOFFERSEN LIMITED 100 UNIVERSITY AVENUE, NORTH TOWER TORONTO, ONTARIO M5J 1V6 T: 416-977-5335 F: 416-977-1427

QUASAR CONSULTING GROUP 250 ROWNTREE DAIRY ROAD WOODBRIDGE, ONTARIO L4L 9J7 T: 905-507-0800 F: 905-507-0081

**MECHANICAL / ELECTRICAL** 

### CIVIL

MTE CONSULTANTS INC. 1016 SUTTON DRIVE, UNIT A BURLINGTON, ONTARIO L7L 6B8 T: 905-639-2552 F: 905-639-7727

### **LANDSCAPE**

HILL DESIGN STUDIO INC. 355-50 OTTAWA STREET SOUTH KITCHENER, ONTARIO N2G 3S7 T: 226-686-0700

	EXTERIOR WALL TYPE EW1:
EW1	38mm HORIZONTAL PREFINISHED METAL SIDING THERMALLY BROKEN VERTICAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU)
EW2	EXTERIOR WALL TYPE EW2:  38mm HORIZONTAL PREFINISHED METAL SIDING THERMALLY BROKEN VERTICAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU) 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
EW3	EXTERIOR WALL TYPE EW3:  38mm HORIZONTAL PREFINISHED METAL SIDING THERMALLY BROKEN VERTICAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
EW4	EXTERIOR WALL TYPE EW4:  38mm VERTICAL PREFINISHED METAL SIDING THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU) 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
EW5	EXTERIOR WALL TYPE EW5:  38mm VERTICAL PREFINISHED METAL SIDING THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU)
EW6	EXTERIOR WALL TYPE EW6:  15mm VERTICAL PREFINISHED WOODLOOK METAL SIDING THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU)
EW7	EXTERIOR WALL TYPE EWT:  38mm VERTICAL PREFINISHED METAL SIDING THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 290mm CONCRETE MASONRY UNIT (CMU)
EW8	EXTERIOR WALL TYPE EW8:  15mm VERTICAL PREFINISHED WOODLOOK METAL SIDING THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 290mm CONCRETE MASONRY UNIT (CMU)
EW9	EXTERIOR WALL TYPE EW9:  90mm BRICK VENEER 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN. 190mm CONCRETE MASONRY UNIT (CMU)
EW10	EXTERIOR WALL TYPE EW10:  90mm BRICK VENEER 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU) 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
EW11	EXTERIOR WALL TYPE EW11:  90mm BRICK VENEER 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN. 190mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
EW12	EXTERIOR WALL TYPE EW12 (REFUSE ENCLOSURE):  90mm BRICK VENEER 20mm CONTINUOUS AIR SPACE MAX. CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 190mm CONCRETE MASONRY UNIT (CMU)
EW13	EXTERIOR WALL TYPE EW13:  38mm ALUMINUM COMPOSITE PANEL THERMALLY BROKEN HORIZONTAL GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 16mm GLASS MAT SHEATHING 152mm METAL STUDS @ 406mm O.C. MAX.
EW14	EXTERIOR WALL TYPE EW14:  15mm HORIZONTAL PREFINISHED WOODLOOK METAL SIDING THERMALLY BROKEN GALVANIZED Z-GIRTS 20mm CONTINUOUS AIR SPACE MAX. 125mm SPRAY APPLIED INSULATION (R-25) CONT. SELF-ADHERED AIR/VAPOUR BARRIER MEMBRAN 16mm GLASS MAT SHEATHING 152mm METAL STUDS @ 406mm O.C. MAX.

SYMBOL	WALL TYPE	
P1		INTERIOR WALL TYPE P1:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 92mm METAL STUDS @ 406mm O.C. MAX.
P2		INTERIOR WALL TYPE P2:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 92mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P3		INTERIOR WALL TYPE P3:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 92mm METAL STUDS @ 406mm O.C. MAX. SOUND BATT INSULATION (FRICTION FIT WITHIN STUD SPACE)
P4		INTERIOR WALL TYPE P4:  16mm
P5		INTERIOR WALL TYPE P5:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 140mm CMU TO PROVIDE MIN. OF 1 HR OR 1-1/2 HR F  140mm CONCRETE MASONRY UNIT (CMU)
P6		INTERIOR WALL TYPE P6:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 140mm CMU TO PROVIDE MIN. OF 1 HR F.R.R.  16mm ABUSE-RESISTANT GYPSUM WALL BOARD (LAMINATED TO CMU) 140mm CONCRETE MASONRY UNIT (CMU) 16mm ABUSE-RESISTANT GYPSUM WALL BOARD (LAMINATED TO CMU)
P7		INTERIOR WALL TYPE P7:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 140mm CMU TO PROVIDE MIN. OF 1 HR OR 1-1/2 HR F.  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 140mm CONCRETE MASONRY UNIT (CMU)
P8		INTERIOR WALL TYPE P8:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 140mm CONCRETE MASONRY UNIT (CMU) 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P9		INTERIOR WALL TYPE P9:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 140mm CMU TO PROVIDE MIN. OF 1 HR OR 1-1/2 HR F  16mm ABUSE-RESISTANT GYPSUM WALL BOARD (LAMINATED TO CMU) 140mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P10		INTERIOR WALL TYPE P10:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD (LAMINATED TO CMU) 140mm CONCRETE MASONRY UNIT (CMU) 92mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P11		INTERIOR WALL TYPE P11:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 190mm CMU TO PROVIDE MIN. OF 1 HR OR 1-1/2 HR F  190mm CONCRETE MASONRY UNIT (CMU)
P12		INTERIOR WALL TYPE P12:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 190mm CMU TO PROVIDE MIN. OF 1 HR OR 1-1/2 HR F  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 190mm CONCRETE MASONRY UNIT (CMU)
P13		INTERIOR WALL TYPE P13:  190mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P14		INTERIOR WALL TYPE P14:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 190mm CONCRETE MASONRY UNIT (CMU) 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P15		INTERIOR WALL TYPE P15:  REFER TO FIRE SEPARATION PLAN ON A200 FOR REQUIRED RATING. O.B.C. SB-2 T-2.1.1 - 190mm CMU TO PROVIDE MIN. OF 1 HR F.R.R.  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 22mm METAL FURRING CHANNELS @ 406mm O.C. MAX. 190mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD
P16		INTERIOR WALL TYPE P16:  16mm ABUSE-RESISTANT GYPSUM WALL BOARD 64mm METAL STUDS @ 406mm O.C. MAX. 190mm CONCRETE MASONRY UNIT (CMU) 64mm METAL STUDS @ 406mm O.C. MAX. 16mm ABUSE-RESISTANT GYPSUM WALL BOARD

**ROOF TYPES:** SYMBOL WALL TYPE ROOF TYPE RF1: 2-PLY MODIFIED BITUMEN AS SPECIFIED

8mm PROTECTION BOARD
SLOPED ROOF INSULATION
(REFER TO ROOF PLAN FOR LOCATIONS)

150mm 2-LAYERS OF 75mm POLYISOCYANURATE RIGID INSULATION (R-36)
CONTINUOUS AIR/VAPOUR BARRIER

13mm ROOF SHEATHING BOARD

76mm METAL DECKING ON STEEL STRUCTURE AS PER STRUC. DWGs ROOFING MEMBRANE TO HAVE A MINIMUM SRI VALUE OF 78 ROOF TYPE RF2: 88mm STANDING SEAM METAL ROOF (C/W EXPANSION CLIP SYSTEM)
DRAINAGE MAT AS PER MANU.
CONT. SELF-ADHERED W.P. MEMBRANE (BREATHABLE) 6mm GLASS MAT SHEATHING 16mm GLASS MAT SHEATHING
THERMALLY BROKEN GALVANIZED Z-GIRTS
150mm 2-LAYERS OF 75mm POLYISOCYANURATE RIGID INSULATION (R-36)
CONTINUOUS AIR/VAPOUR BARRIER
13mm ROOF SHEATHING BOARD
76mm METAL DECKING ON STEEL STRUCTURE AS PER STRUC. DWGs - ENSURE CLIPS SYSTEM FOR METAL ROOF IS DIRECTLY FASTENED TO THE Z-GIRTS THROUGH THE GLASS MAT SHEATHING. - BUTYL TAPE SHALL BE APPLIED TO ALL SEAMS & CLIPS AS SPEC. ROOF TYPE NOTES:
- ALL R-VALUES INDICATED ON ASSEMBLY SHEET ARE FOR THE CITY OF BRAMPTON REFERENCE ONLY,
REFER TO THE SPECIFICATION FOR SPECIFIC PRODUCTS AND REQUIREMENTS.

GENERAL NOTES:

ALL DIMENSIONS ARE IN MILLIMETERS [mm] UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL DRAWINGS AND STRUCTURAL DRAWINGS AND SPECIFICATIONS PRIOR TO THE COMMENCEMENT F WORK.

THE SPECIFICATIONS, INSTALLATION, AND PERFORMANCE OF AIR BARRIER SYSTEMS AND VAPOUR BARRIERS MUST MEET OR EXCEED DIVISION B PART 5 OF THE LATEST VERSION OF THE ONTARIO BUILDING CODE.

STEEL STUD FRAMING & PARTITIONING: CONTRACTOR TO ENSURE THAT STEEL STUD THICKNESS, SIZE, AND SPACING IS ADEQUATE FOR THE HEIGHTS OF PARTITIONS INDICATED. ADD BRACING AS REQUIRED. PROVIDE FOR DEFLECTION ALLOWANCE [SLIP JOINT] AT TOP OF ALL WALLS ABUTTING ROOF

GYPSUM BOARD WALL & PARTITIONS:

ALL GYPSUM BOARD & STEEL STUD WALLS AND PARTITIONS ARE TO EXTEND TO THE UNDERSIDE OF PRECAST OR METAL DECK UNLESS NOTED OTHERWISE. COORDINATE PARTITION TYPES WITH TOP OF WHERE CONCRETE MASONRY UNIT PARTITION IS A STRUCTURAL BEARING WALL REFER TO THE STRUCTURAL DRAWINGS FOR DESIGN. CONCRETE MASONRY UNIT (CMU):

WHERE CONCRETE MASONRY UNIT WALLS ABUT REINFORCED CONCRETE WALLS AND PIERS, RACK BACK MORTAR JOINT WHERE THE TWO MATERIALS MEET PROVIDE CONTINUOUS SEALANT. FIRE RATED WALL & PARTITION ASSEMBLIES:

F.R.R. REFERS TO WALLS, PARTITIONS, FLOORS, AND CEILINGS THAT HAVE A FIRE RESISTANCE RATING. AT RECESSED PANEL INSTALLATIONS [E.G. ELECTRICAL PANELS] WITHIN RATED WALLS PROVIDE CONTINUITY OF THE REQUIRED RATING BEHIND THE PANEL. REFER TO THE LATEST VERSION OF THE ONTARIO BUILDING CODE DIVISION B, SECTION 3.1.9.2. FOR REQUIREMENTS FOR COMBUSTIBILITY OF SERVICE PENETRATIONS AND SECTION 3.1.10.2. FOR RATING OF FIREWALLS.

ACOUSTIC PARTITIONS:

WHERE ACOUSTIC BLANKET INSULATION IS SPECIFIED AS A COMPONENT PART OF A WALL OR PARTITION ASSEMBLY, PROVIDE A CONTINUOUS SEALANT TO BOTH SIDES OF STUDS AND TRACKS ALONG PARTITION PERIMETER. IN ACOUSTIC PARTITIONS, RECESSED OUTLETS ARE TO BE STAGGERED, AND CONTINUOUS FLEXIBLE SEALANT IS TO BE PROVIDED AT THE JUNCTIONS WITH FLOORS, CEILINGS AND STRUCTURAL MEMBERS. PROVIDE FLEXIBLE SEALANT AROUND PENETRATIONS IN THE PARTITION.

DUCT PENETRATIONS THROUGH BLOCK WALLS & FLOOR ASSEMBLIES: WHERE DUCTS, PIPES AND CONDUITS PENETRATE EXPOSED CONCRETE UNIT MASONRY WALLS, CUT

BLOCKS TO SUITE REQUIRED OPENINGS TO MINIMIZE PATCHING. BLOCKING FOR MILLWORK & SPECIALTIES:

PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR MILLWORK AND CASEWORK. PROVIDE BLOCKING TO PARTITIONS AND WALLS FOR HANDRAILS, GRAB BARS, BULLETIN BOARDS, WHITEBOARDS, MIRRORS, OTHER WALL MOUNTED MESSAGE BOARDS AND WASHROOM ACCESSORIES

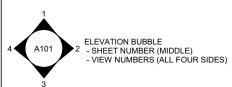
AS INDICATED ON DRAWINGS. MASONRY VENEER:

ENSURE THAT A CONTINUOUS AVB MEMBRANE IS MAINTAINED WHEREVER BRICK TIES PENETRATE EXTERIOR SHEATHING OR CONCRETE MASONRY UNIT. VERIFY WITH STRUCTURAL ENGINEER IF SHEAR CONNECTORS ARE REQUIRED FOR BRICK/BLOCK TIES. ROOF ASSEMBLIES:

UPSTANDS ON ROOF FOR MECHANICAL UNITS, PARAPETS, SKYLIGHTS TO COME COMPLETE WITH CANT CONTINUOUS VAPOUR RETARDER MEMBRANE COMPONENT OF ROOF ASSEMBLIES TO BE WRAPPED UP AT ALL PARAPETS, CURBS, EXTERIOR WALL ASSEMBLIES BY A MINIMUM OF 200mm OR AS DETAILED ON DRAWINGS. TIE INTO VAPOUR BARRIER AND AIR VAPOUR BARRIER MEMBRANES ON ALL VERTICAL SURFACES, PROVIDE 'PEEL & STICK' TYPE TRANSITION MEMBRANES IN ORDER TO ENSURE CONTINUITY OF AIR VAPOUR BARRIER AND AIR BARRIER MEMBRANES.

#### DRAWING SYMBOL LEGEND:





ELEVATION BUBBLE



SECTION BUBBLE

Room name ROOM TAG
- ROOM NAME (ABOVE SYMBOL)
- ROOM NUMBER (WITHIN SYMBOL)

DOOR TAG
(ASSOCIATED TO ROOM NUMBER)
- DOOR NAME (WITHIN SYMBOL) CW101 CURTAIN WALL TAG

PATH OF TRAVEL TAG - DISTANCE/LENGTH (TOP) - TIME BASED ON 4.8km/h (BOTTOM)

INTERIOR SCREEN TAG (ASSOCIATED TO ROOM NUMBER) - SCREEN NUMBER (WITHIN SYMBOL)

W101 WINDOW TAG
- WINDOW NUMBER (WITHIN SYMBOL)

CEILING TAG - CEILING MATERIAL (TOP) - CEILING HEIGHT A.F.F. (BOTTOM) WALL TAG (REFER TO WALL TYPE SCHEDULE)
- WALL TYPE (WITHIN SYMBOL)

Length Time sec

2021-09-20 05 Issued For Tender 04 Issued For Building Permit 2021-07-27 03 Issued For 90% Construction Documents 2021-05-03 2021-02-05 2021-01-19 02 Issued For 50% Construction Documents 01 Issued For 100% Design Development



t: 705.737.3530

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and regulations. All drawings remain the property of the Consultant.

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# salterpilon architecture

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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

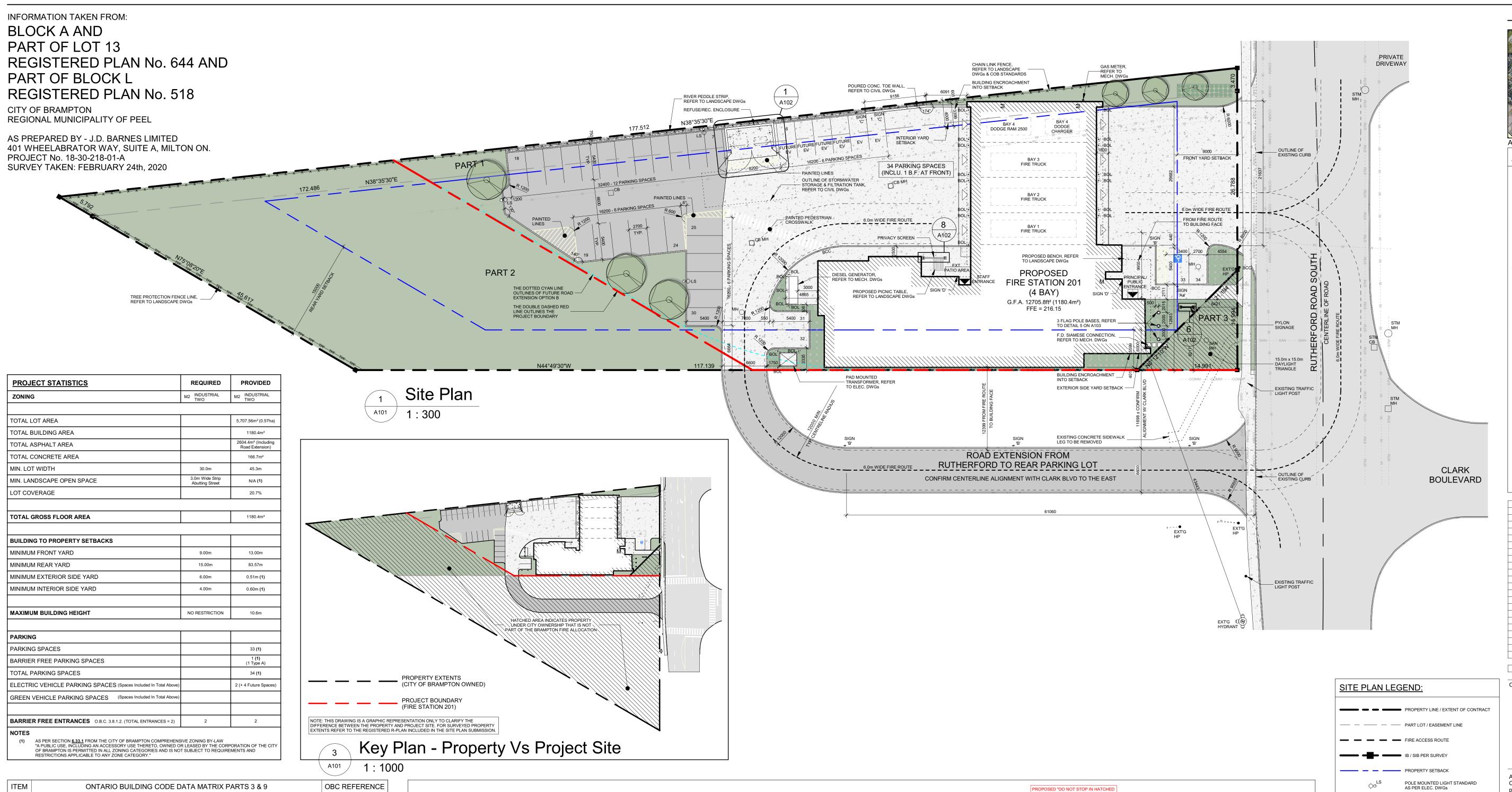
Drawing Title

Abbreviations, Wall & Roof Types And General Notes

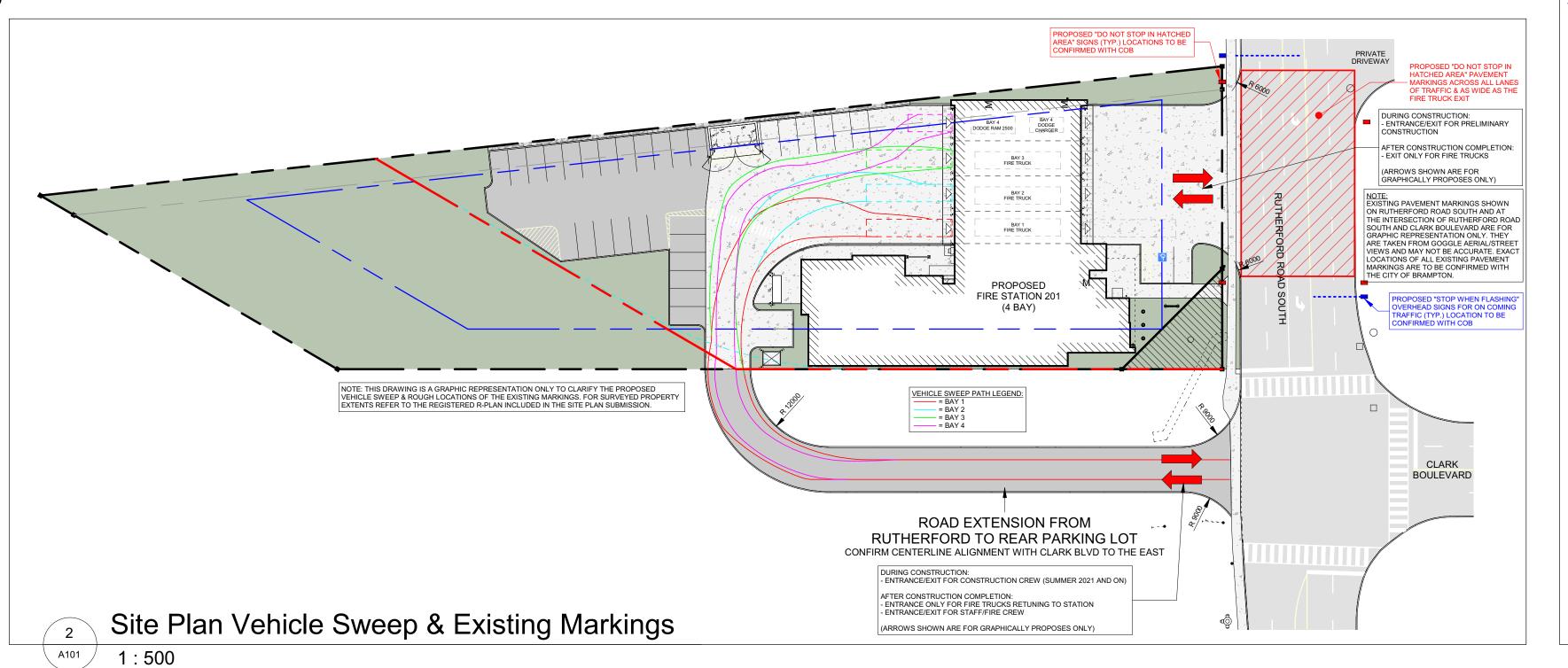
2021-09-20 Drawn by Scale

As indicated





ITEM		ONTARIO BUILDING	G CODE DAT	TA MATE	RIX PARTS 3 & 9		OBC REFERENCE
1	PROJECT DESCR	RIPTION	■ NEW				■ PART 3
			<ul><li>□ ADDITION</li><li>□ ALTERATI</li><li>□ CHANGE (</li></ul>	ON			FOR NEW BUILDING
2	MAJOR OCCUPA	NCY(S)	GROUP D & F	=3			3.2.2.56.
3	BUILDING AREA (	(m²)	12705.8ft² (1180.4m²)		1.1.3.2.		
4	GROSS AREA (m²	<sup>2</sup> )	12705.8ft² (11	80.4m²)			1.1.3.2.
5	NUMBER OF STO	REYS	1 (ONE)		3.2.1.1. & 1.1.3.2.		
6	HEIGHT OF BUILD	DING (m)	10.6m				
7	NUMBER OF STREETS/ACCESS ROUTES		2 (TWO) STREETS AS INDICATED ON DRAWINGS		3.2.2.10. & 3.2.5.5.		
8	BUILDING CLASSIFICATION		GROUP D, UF	P TO 2 ST	OREYS, SPRINKLERED		3.2.2.56.
9	SPRINKLER SYSTEM PROPOSED		■ ENTIRE BI		☐ IN LIEU OF ROOF RATIN	NG	3.2.2.56.
10	STANDPIPE REQ	UIRED	☐ YES		■ NO		3.2.9.
11	FIRE ALARM REC	QUIRED	■ YES		□ NO		3.2.4.
12	WATER SERVICE	SUPPLY IS ADEQUATE	■ YES		□ NO		3.2.5.7.
13	HIGH BUILDING		☐ YES		■ NO		3.2.6.
14	PERMITTED CON ACTUAL CONSTR		□ COMBUST		<ul><li>□ NON- COMBUSTIBLE</li><li>■ NON- COMBUSTIBLE</li></ul>	■ BOTH	3.2.2.56.
15	MEZZANINE(S) AI	REA (m²)	N/A				3.2.1.1.
16	OCCUPANT LOAD	) BASED ON	☐ m² / PERS ■ DESIGN O		IG		3.1.17.
17	BARRIER FREE D	)ESIGN	■ YES		□ NO (EXPLAIN)		3.8.
18	HAZARDOUS SUE	3STANCES	☐ YES		■ NO		M.2.1.2(1) & 3.3.1.19(1)
19	REQUIRED FIRE RESISTANCE RATING (FRR)	FLOOR ASSEMBLIES LOAD BEARING WALLS ROOF RATING	& COLUMNS		COMBUSTIBLE CONSTRUC COMBUSTIBLE CONSTRUC		3.2.2.56.
20	SPATIAL SEPARA	ATION					3.2.3.





#### **SITE PLAN GENERAL NOTES:**

THE CONTRACT CONSISTS OF ALL WORK WITHIN THE 'EXTENT OF CONTRACT' LINE INDICATED ON THE SITE PLAN PLUS ANY WORK SPECIFICALLY NOTED OUTSIDE OF THAT LINE. ALL WORK DONE OUTSIDE OF THESE LIMITS MUST BE EXECUTED IN STRICT ACCORDANCE WITH THE STANDARDS OF THE MUNICIPALITY AND ALL OTHER AUTHORITIES HAVING JURISDICTION. MAKE GOOD AT NO ADDITIONAL COST TO THE OWNER OR MUNICIPALITY ANY DAMAGE CAUSED BY THIS CONSTRUCTION TO MATERIALS OR FINISHES BEYOND THE EXTENT OF CONTRACT LINE.

- CONTRACTOR IS TO RESTRICT ALL WORK, EQUIPMENT, AND MATERIALS STORAGE TO AREAS WITHIN 'EXTENT OF CONTRACT' LINE EXCEPT WHERE NOTED OTHERWISE. PRIMARY SITE ACCESS POINT & CONSTRUCTION PARKING IS TO BE CONFIRMED WITH BUILDER. NO
- COMPLETION OF PROJECT ANY EXCESS MATERIAL IS TO BE REMOVED AND AREA MADE GOOD TO ARCHITECT'S SATISFACTION.
- FOR TRENCHING & BACKFILLING OF ALL SERVICE LINES AND DIVISION
- SUPPLY AND PLACE TOPSOIL TO THICKNESS SPECIFIED OVER ALL SUPPLY AND PLACE TOPSOIL TO THICKNESS SPECIFIED OVER ALL SODDED AND PLANTER AREAS INDICATED ON DRAWINGS. PROVIDE ADDITIONAL TOPSOIL AS REQUIRED OVER AND ABOVE TOPSOIL TAKEN FROM SITE. PROVIDE SODDING TO AREAS INDICATED AND TERMINATE AT "EXTENT OF CONTRACT LINE. EXTEND SODDING BEYOND PROPERTY
- NOTE THAT EXACT LOCATIONS OF ALL NEW MECHANICAL & ELECTRICAL ITEMS ARE APPROXIMATE UNLESS DIMENSION GIVEN. ADJUST LOCATION AS REQUIRED AND AS APPROVED BY CONSULTANT
- NOTE THAT ALL MECHANICAL AND ELECTRICAL UNDERGROUND SERVICE LINES INDICATED ON DRAWINGS ARE APPROXIMATE ONLY AND ARE INDICATED AS ACCURATELY AS POSSIBLE FROM INFORMATION SUPPLIED. CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING SERVICES IN AREA OF NEW CONSTRUCTION INCLUDING GAS LINES,
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ADEQUATE RECORDS OF CONSTRUCTION TO FACILITATE ASCONSTRUCTED DRAWINGS.
- REFER TO CIVIL DRAWINGS FOR SITE SERVICING AND GRADING, EROSION AND SEDIMENT CONTROL, STORM WATER MANAGEMENT AND DRAINAGE, AND ANY OTHER RELATED WORKS. REFER TO LANDSCAPE DRAWINGS FOR PLANTING, SODDING, TREE AND SHRUB LAYOUT / SCHEDULE (INCLUDING PRESERVATION AND REMOVALS), PAVER LAYOUTS, SITE AMENITIES, AND ANY OTHER
- REFER TO M&E DRAWINGS FOR SITE LIGHTING / POWER AND ANY OTHER RELATED WORKS.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF ALL DRAWINGS FROM ALL DISCIPLINES. ALL DIMENSIONS ARE TO BE CHECKED AND VERIFIED ON THE JOB. ANY DISCREPANCIES ARE TO BE REPORTED TO THE CONSULTANT. ALL DRAWINGS REMAIN THE PROPERTY OF THE
- CONSULTANT. ONLY LATEST APPROVED DRAWINGS ARE TO BE USED FOR CONSTRUCTION. SPA-2021-0032

Issued For Building Permit Issued for SPA Comment Response 2021-06-23 Issued for Site Plan Resubmission 2021-04-23 Issued For Site Plan Application 2021-02-12 Issued For 50% Construction Documents 2021-02-05 Issued For 100% Design Development 2021-01-19

Issued For Schematic Design Submission 2020-12-22 Issued For Site Plan Pre-Consultation 2020-12-15

MANHOLE AS PER CIVIL DWGs

CATCH BASIN AS PER CIVIL DWGs

FIRE HYDRANT AS PER CIVIL DWGs

METAL BOLLARD

BOREHOLE LOCATION

BARRIER FREE CUT CURB

PUBLIC AND/OR STAFF ENTRANCE/EXIT

APPARATUS BAY ENTRANCE/EXIT

EXISTING U/G COMMUNICATIONS LINE

- EXISTING U/G NATURAL GAS LINE

EXISTING U/G SANITARY LINE

- EXISTING U/G STORMWATER LINE

EXISTING ASPHALT PAVEMENT

LIGHT-DUTY ASPHALT PAVEMENT

HEAVY-DUTY ASPHALT PAVEMENT

CONCRETE PAVING / SIDEWALK

GRASS / SOD /SOFT SCAPING

- EXISTING U/G WATER LINE

LICENCE 5042

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## salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1

Project Information

salterpilon.com

**BFES Station 201** 

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

Site Plans & OBC Matrix

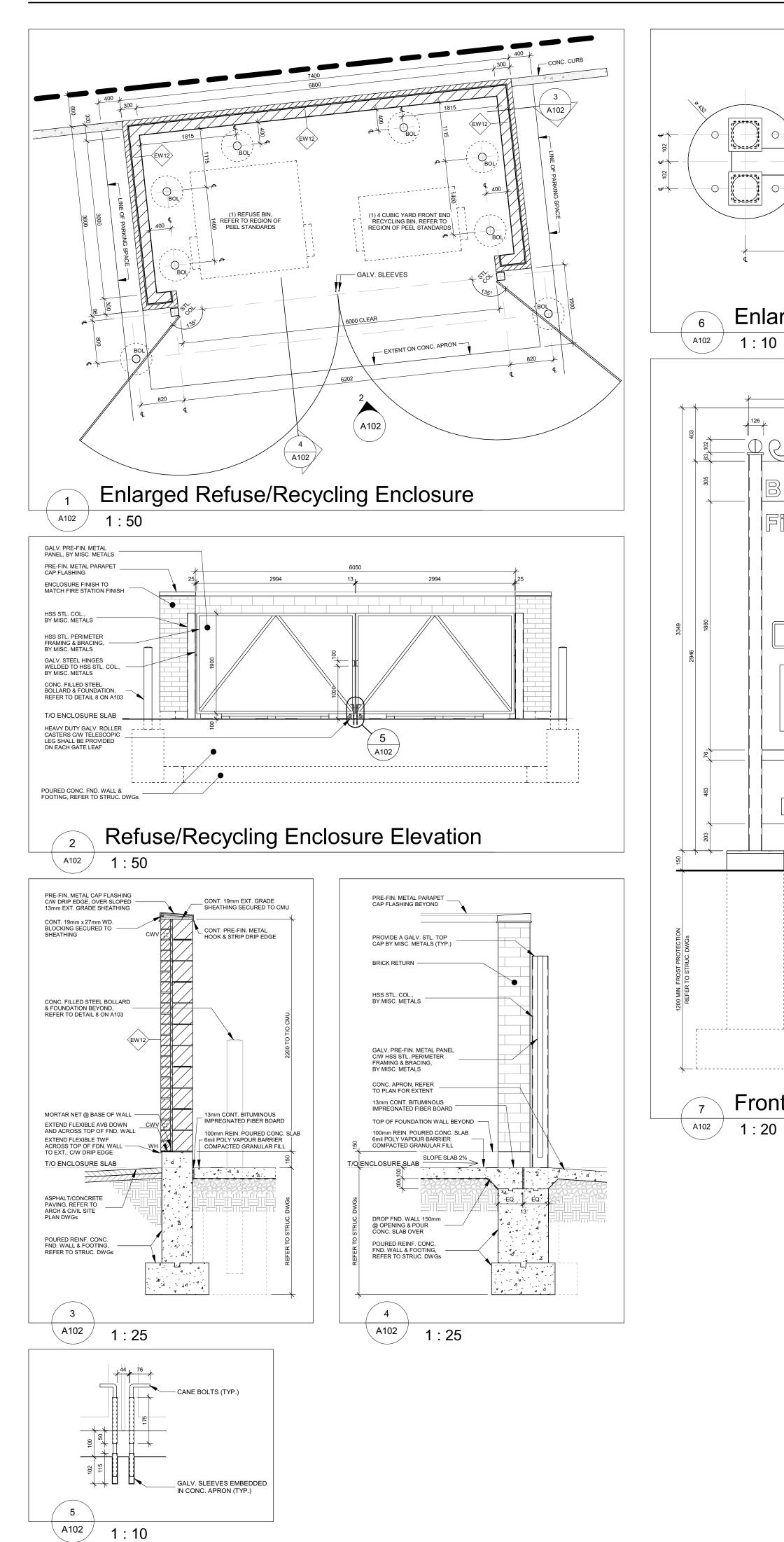
Project No Drawing No 2021-09-20 BB, NL

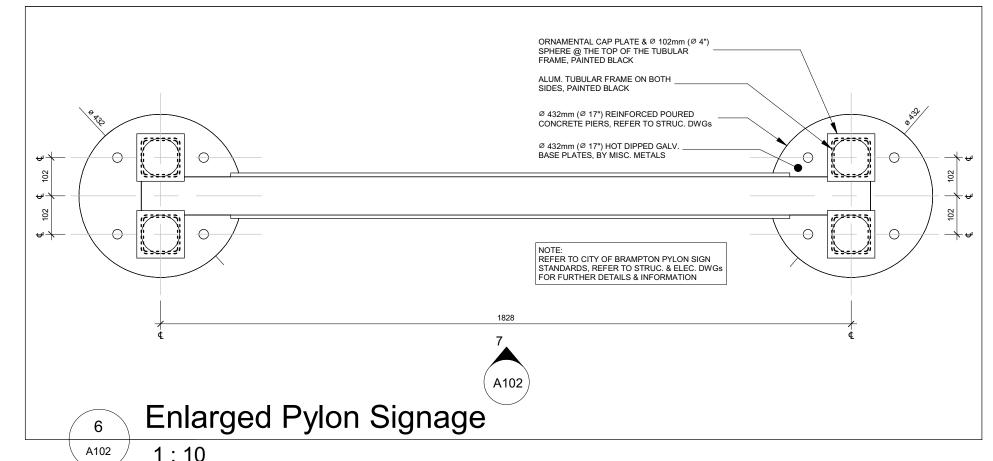
As indicated

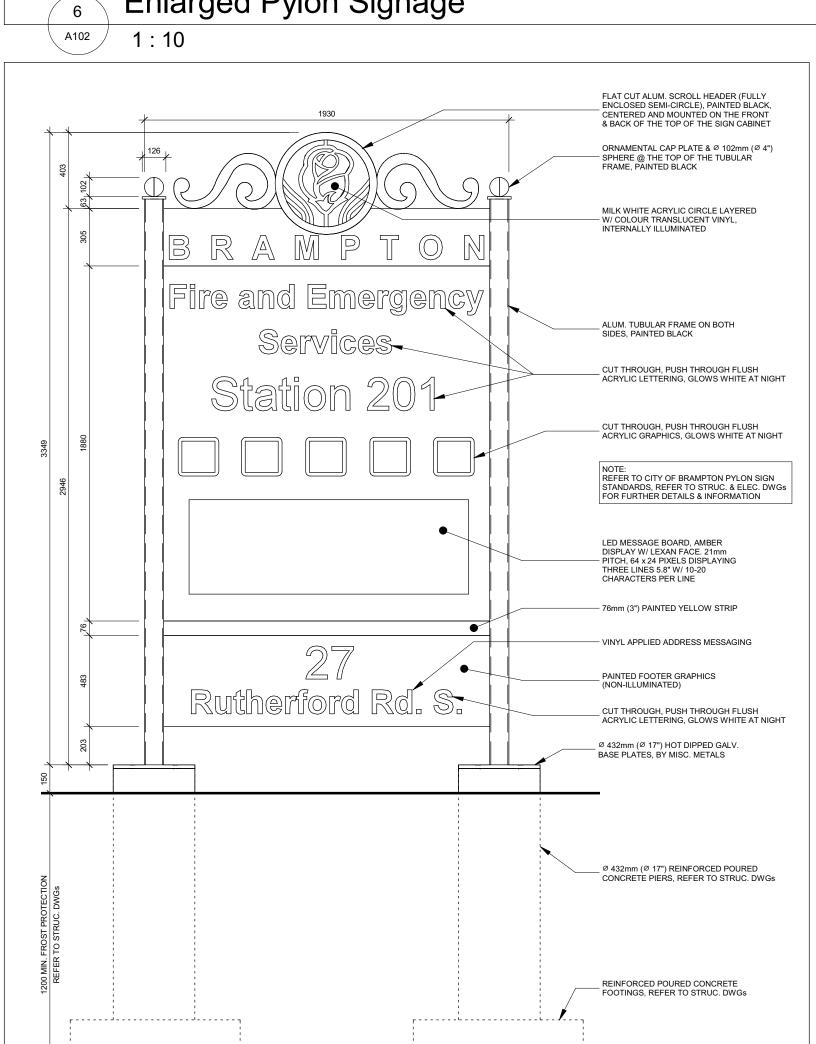
Scale

t: 705.737.3530

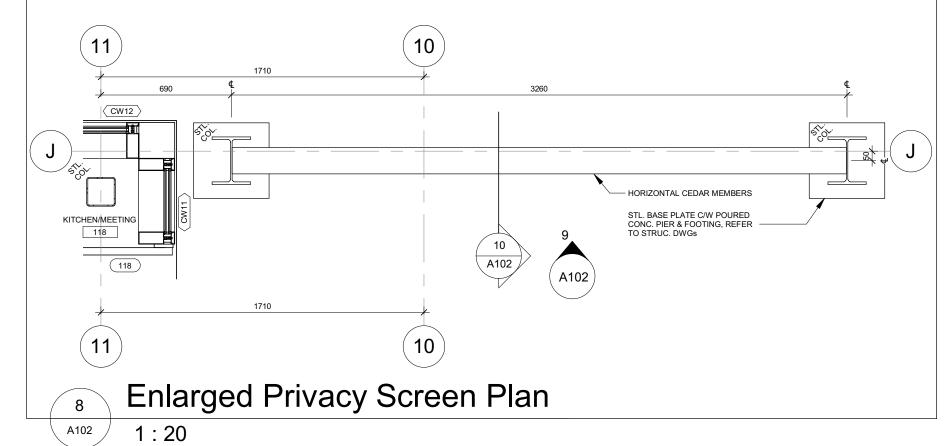


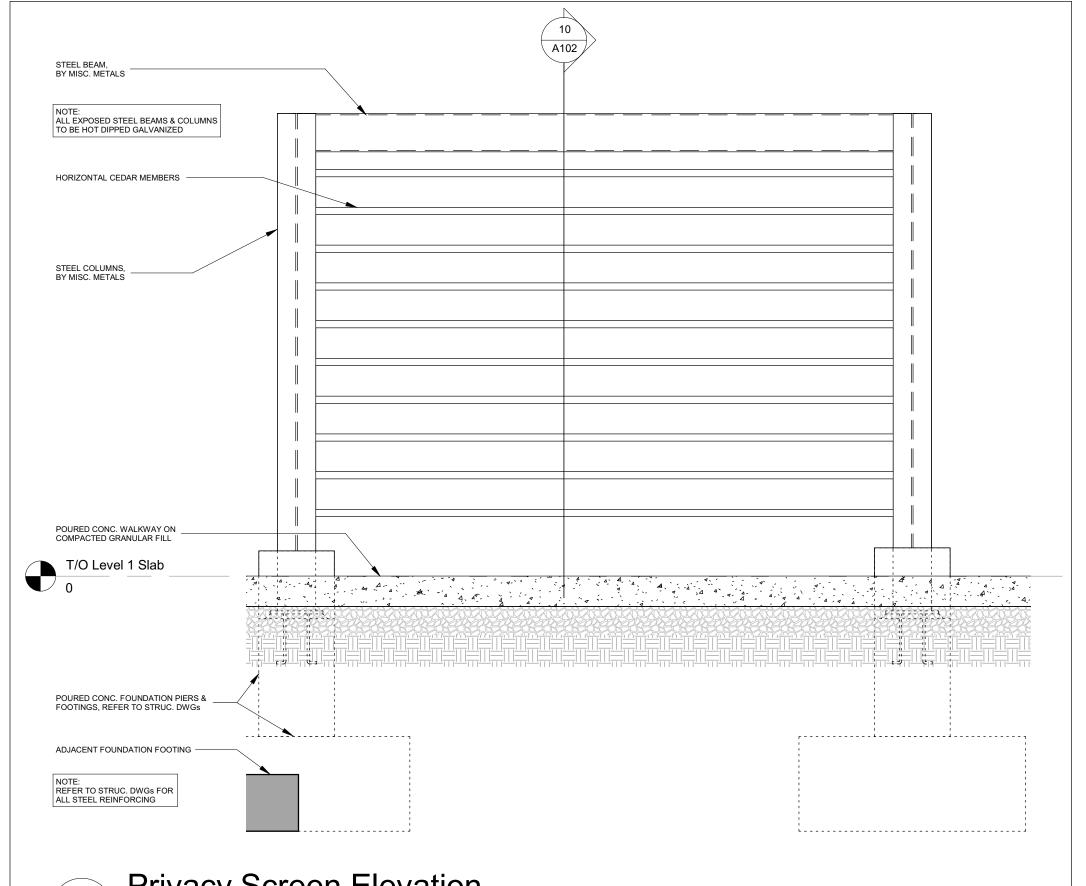


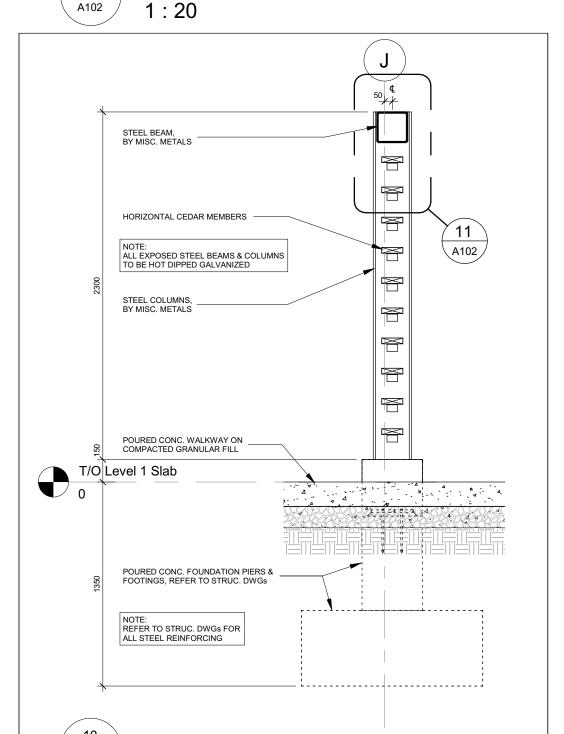


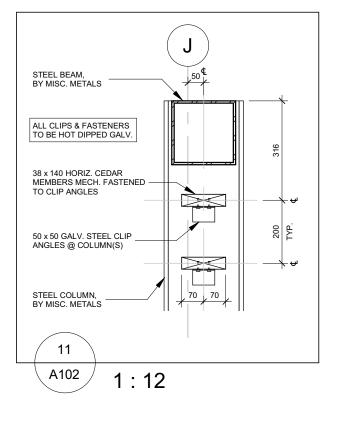


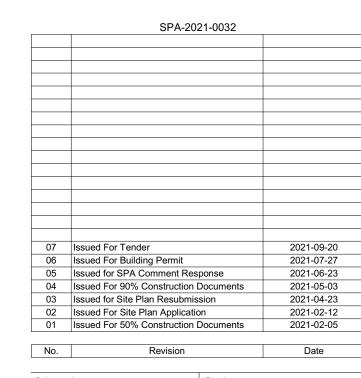
Front & Rear Pylon Signage Elevation

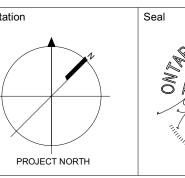












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LICENCE 5042

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Project Information BFES Station 201

Salter Pilon Architecture Inc.

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

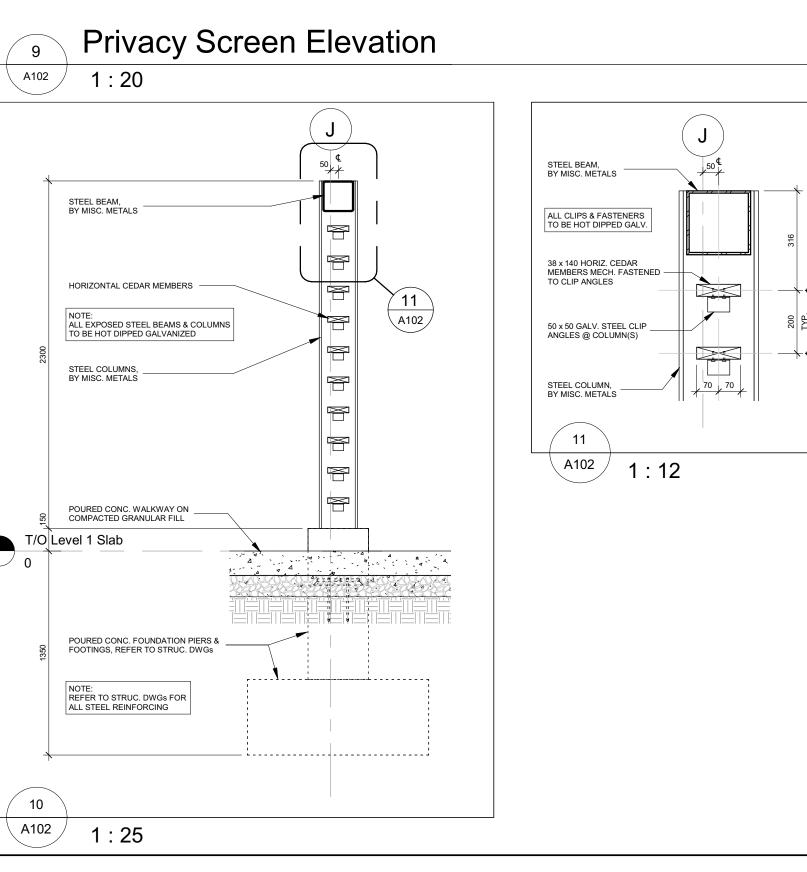
City of Brampton Fire & Emergency Services

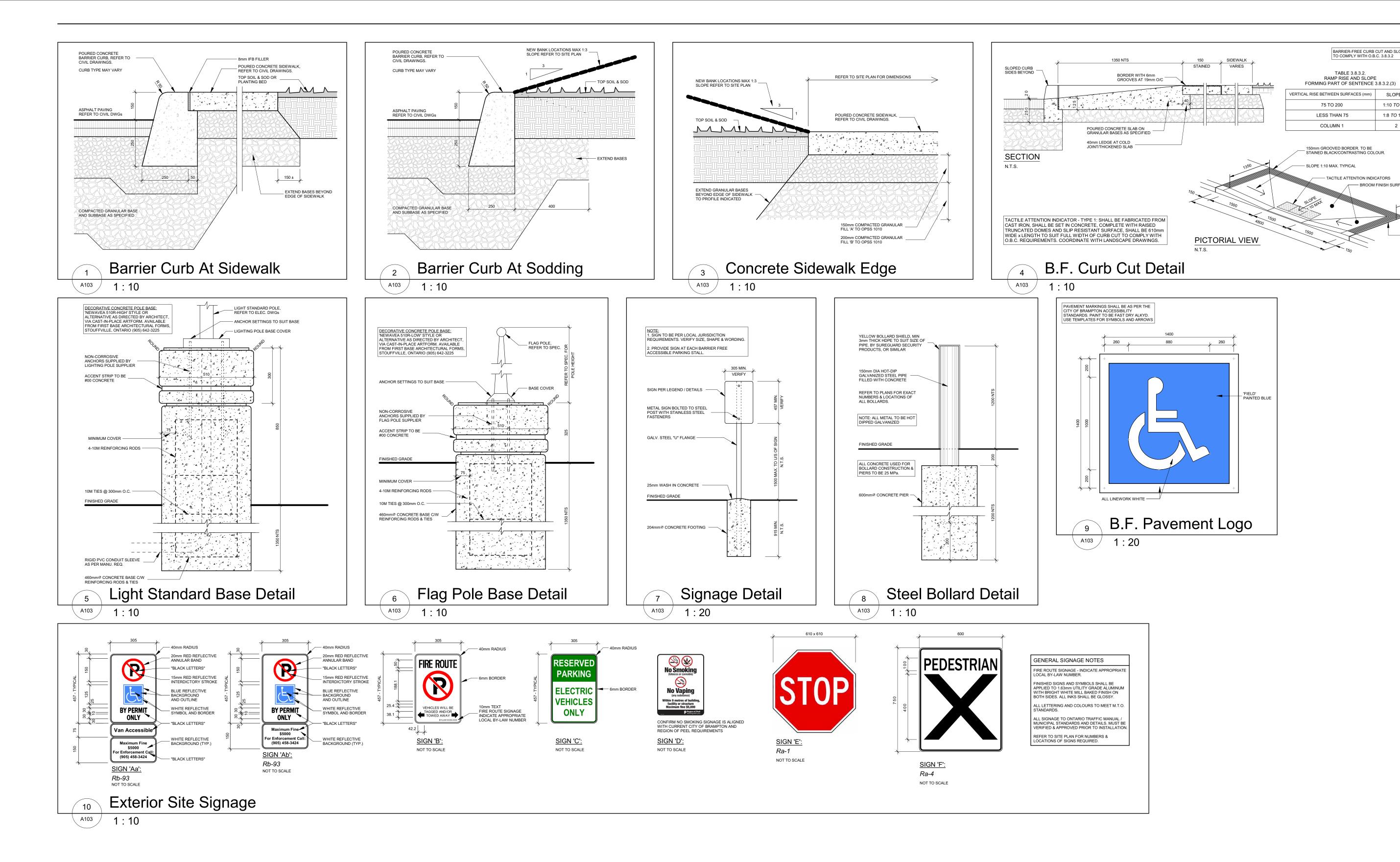
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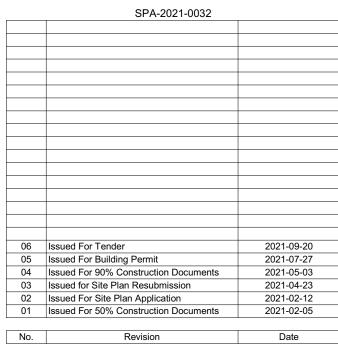
Site Plan Details

As indicated

Project No Drawing No 2021-09-20 Drawn by 20019 A102 Scale







Orientation

1:10 TO 1:12

1:8 *TO* 1:10

2

75 TO 200

LESS THAN 75

150mm GROOVED BORDER. TO BE STAINED BLACK/CONTRASTING COLOUR.

- TACTILE ATTENTION INDICATORS

BROOM FINISH SURFACE

COLUMN 1

SLOPE 1:10 MAX. TYPICAL



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Project Information BFES Station 201

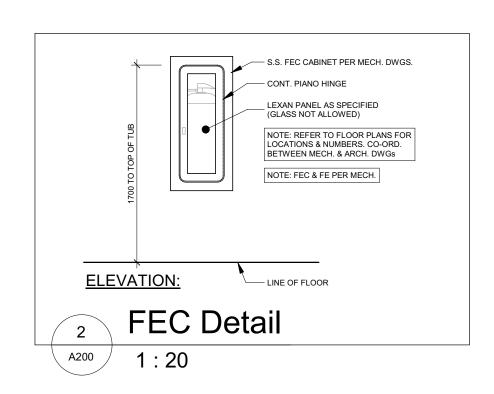
27 Rutherford Rd. S., Brampton, ON. L6W 3J3

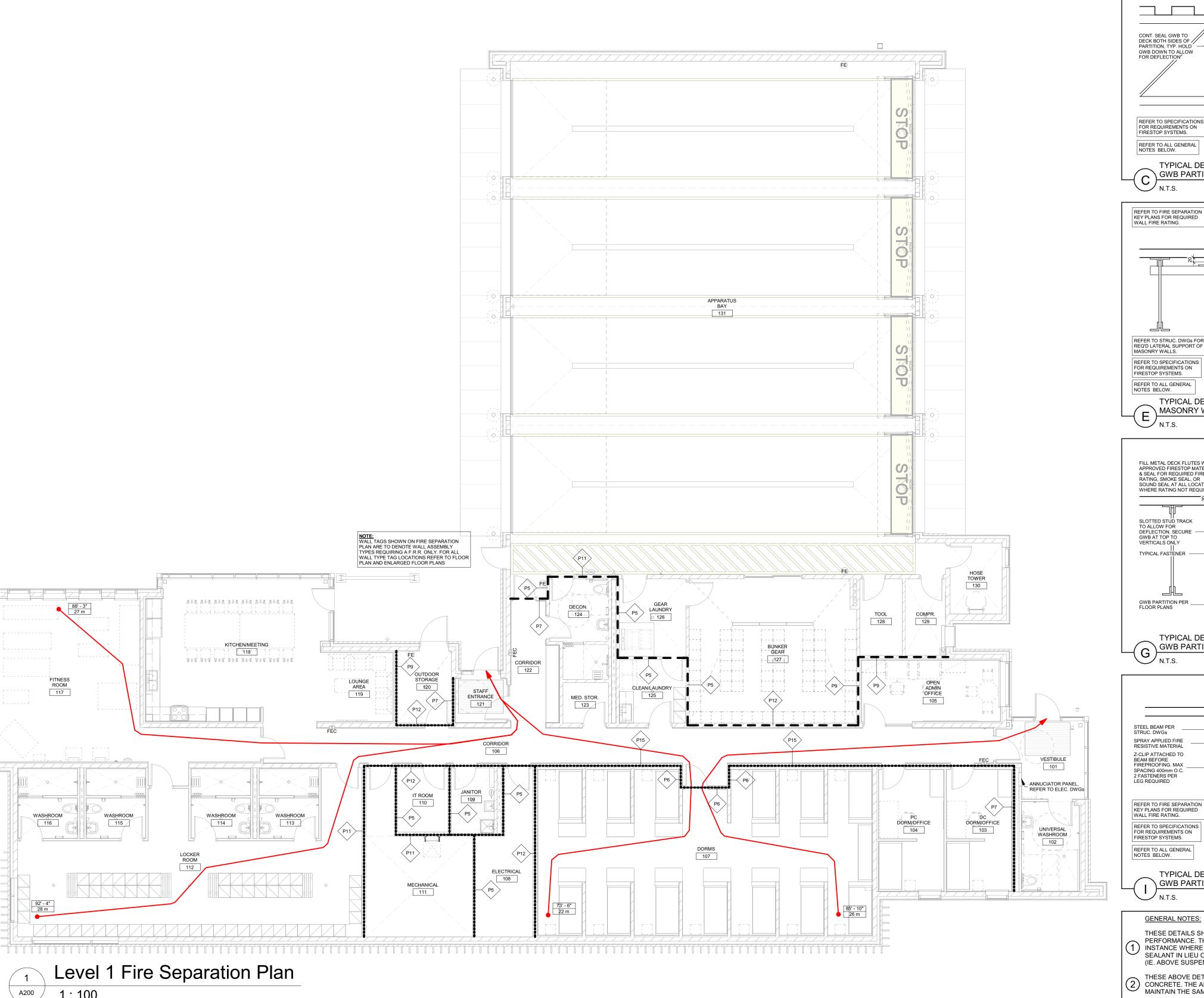
City of Brampton Fire & Emergency Services

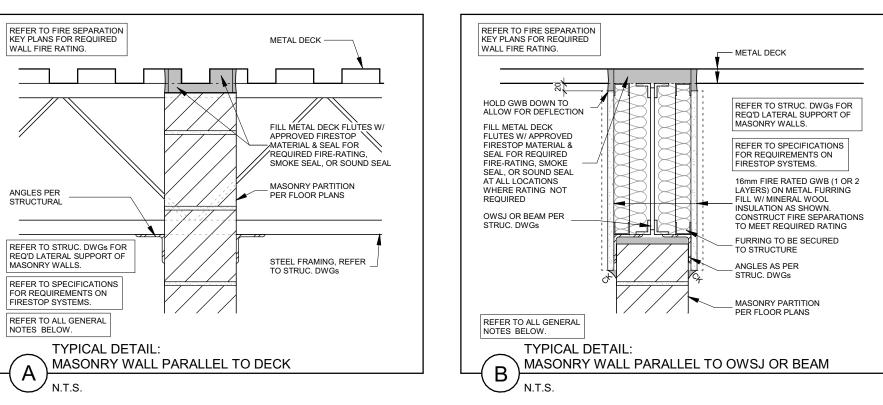
Drawing Title

Site Plan Details

Project No Drawing No 2021-09-20 Drawn by 20019 A103 Scale As indicated







FILL METAL DECK FLUTES W/

REFER TO FIRE SEPARATION KEY PLANS FOR REQUIRED

CONT. SEAL GWB TO DECK BOTH SIDES OF PARTITION, TYP. HOLD

GWB DOWN TO ALLOW FOR DEFLECTION

REFER TO SPECIFICATIONS FOR REQUIREMENTS ON

TYPICAL DETAIL:

TYPICAL DETAIL:

FILL METAL DECK FLUTES W/

& SEAL FOR REQUIRED FIRE-RATING, SMOKE SEAL, OR SOUND SEAL AT ALL LOCATIONS WHERE RATING NOT REQUIRED

SLOTTED STUD TRACK TO ALLOW FOR DEFLECTION. SECURE — GWB AT TOP TO

VERTICALS ONLY

TYPICAL FASTENER

GWB PARTITION PER FLOOR PLANS

TYPICAL DETAIL:

MASONRY WALL PERPENDICULAR TO DECK

GWB PARTITION PERPENDICULAR TO DECK

GWB PARTITION PARALLEL TO STRUCTURE

GWB PARTITION PARALLEL TO DECK

FIRESTOP SYSTEMS.

N.T.S.

WALL FIRE RATING.

- METAL DECK

APPROVED FIRESTOP MATERIAL

& SEAL FOR REQUIRED FIRERATING, SMOKE SEAL, OR SOUND
SEAL AT ALL LOCATIONS WHERE
RATING NOT REQUIRED

EXTEND GWB UP INTO DECK FLUTES AS SHOWN. CUT AS REQUIRED

GWB PARTITION PER

FLOOR PLANS

STEEL FRAMING,

--- METAL DECK

- ANGLES PER STRUCT.

MASONRY PARTITION
PER FLOOR PLANS

\_ GWB PER \_\_\_\_ PLANS

— METAL DECK

\_ CONT. SEAL GWB TO DECK BOTH SIDES OF PARTITION, TYP.

DECK FLUTES AS SHOWN. CUT AS REQUIRED TO SUIT DECK PROFILE. HOLD GWB DOWN TO ALLOW FOR DEFLECTION

REFER TO FIRE SEPARATION KEY PLANS FOR REQUIRED WALL FIRE RATING.

REFER TO SPECIFICATIONS

FOR REQUIREMENTS ON FIRESTOP SYSTEMS.

REFER TO ALL GENERAL NOTES BELOW.

— METAL DECK

TYPICAL FASTENER

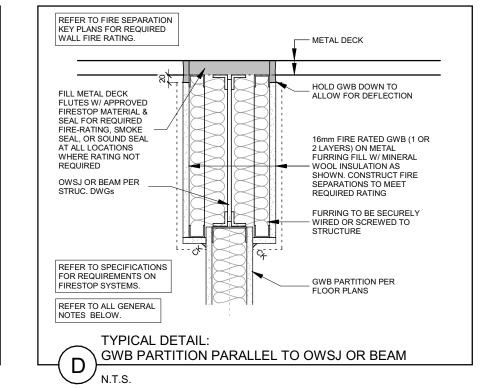
\_ GWB PARTITION PER PLANS (RATED OR NON-RATED)

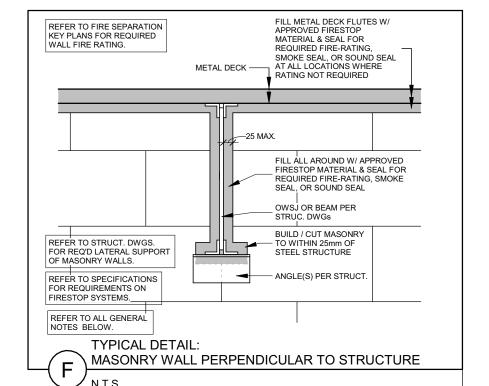
DECK PROFILE

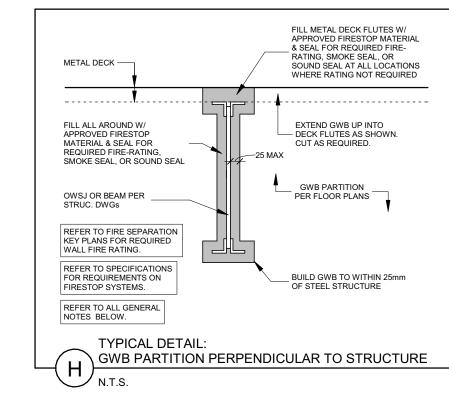
DETAIL 'X'

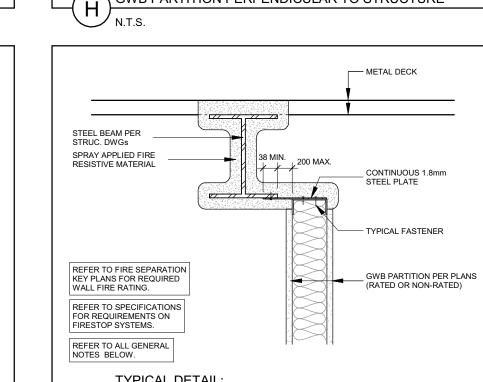
FILL METAL DECK FLUTES W/ APPROVED FIRESTOP MATERIAL & SEAL FOR

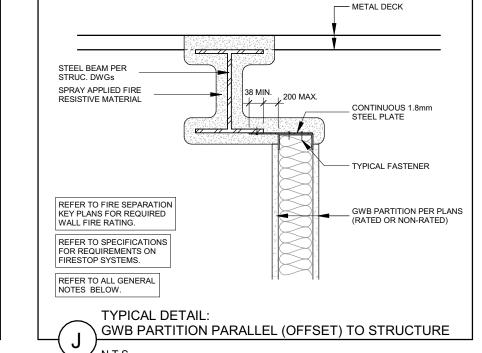
SMOKE SEAL, OR SOUND SEAL AT ALL LOCATIONS WHERE RATING NOT REQUIRED









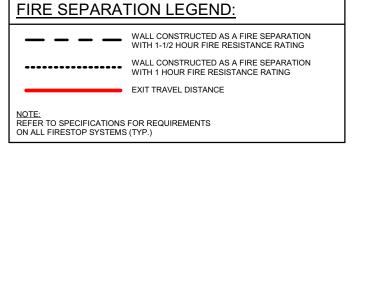


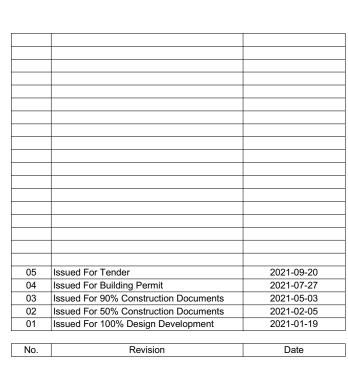
#### **GENERAL NOTES:**

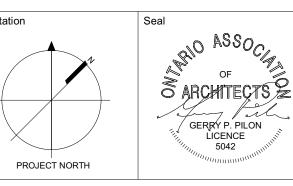
TYPICAL DETAIL:

THESE DETAILS SHALL APPLY TO ALL WALLS THAT FORM ANY PART OF A RATED AND NON-RATED FIRE SEPARATION, AND ALL WALLS THAT REQUIRE ACOUSTIC PERFORMANCE. THESE DETAILS SHALL ALSO APPLY TO ALL OTHER WALLS THAT DO NOT FORM A REQUIRED FIRE SEPARATION OR ACOUSTIC PARTITION. IN THE ) INSTANCE WHERE WALLS NOT REQUIRED TO HAVE FIRE RATINGS OR ACOUSTIC PERFORMANCES ARE EXPOSED TO VIEW (IE. NO CEILINGS) PROVIDE ACOUSTIC SEALANT IN LIEU OF FIRE STOPPING. IN THE INSTANCE WHERE WALLS NOT REQUIRED TO HAVE FIRE RATINGS OR ACOUSTIC PERFORMANCES ARE CONCEALED (IE. ABOVE SUSPENDED CEILINGS) ACOUSTIC SEALANT CAN BE OMITTED.

THESE ABOVE DETAILS SHALL ALSO APPLY TO CONDITIONS WHERE THE FLOOR STRUCTURE IS CONSTRUCTED OF PRECAST AND/OR CAST-IN-PLACE CONCRETE. THE ABOVE DETAILS AND CONDITIONS OF ACQUISTIC REPERDANCE VALUE AS DETAIL ED AND REQUIRED BY THE OPC MAINTAIN THE SAME LEVEL OF FIRE PROTECTION OR ACOUSTIC PERFORMANCE VALUE AS DETAILED AND REQUIRED BY THE OBC.







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## salterpilon architecture

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Project Information

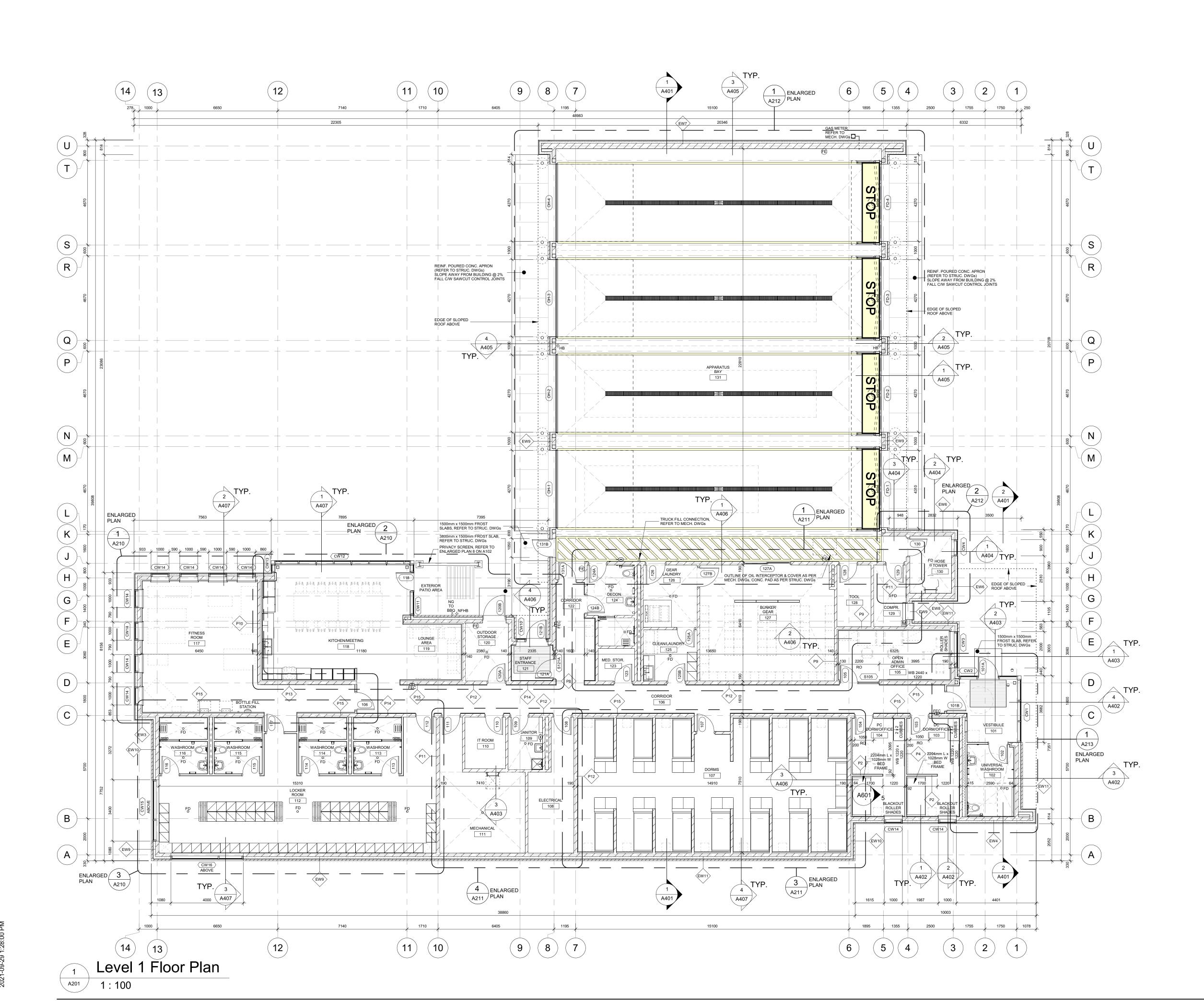
**BFES Station 201** 

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services Drawing Title

Fire Separation Plan & Details

Project No Drawing No 2021-09-20 20019 A200 As indicated

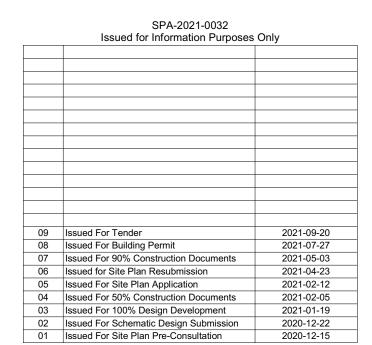


- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE OR METAL STUD UNLESS NOTED OTHERWISE.
- 2. ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.

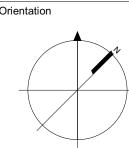
  3. REFER TO FIRE SEPARATION PLAN FOR LOCATIONS OF ALL RATED
- REFER TO FIRE SEPARATION PLAN FOR LOCATIONS OF ALL RATED WALLS.

  ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECK UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO UNDERSIDE OF DECK. WHERE SCREENS OR DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.
- DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.

  WHERE FIRE RATED PARTITIONS ABUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.
- SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE.
- SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING MATERIALS.
- REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT THE TOP OF CMU WALLS.
- ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES, ETC... NOT SHOWN ON ARCHITECTURAL DRAWINGS.



No. Revis



PROJECT NORTH

All dimensions to be checked and verified on the job by the Contractor. Any discrepancies are to be reported to the Consultant prior to action. Only the latest approved drawings to be used for construction in conformance with all applicable codes, by-laws and

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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

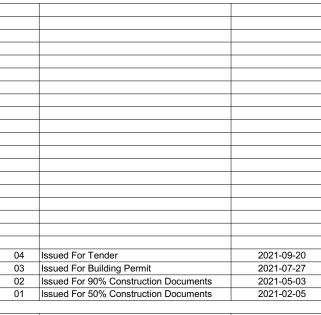
Level 1 Floor Plan

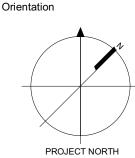
As indicated

 Date
 2021-09-20
 Project No
 Drawing No

 Drawn by BB, NL
 20019
 A201

- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE OR METAL STUD UNLESS NOTED OTHERWISE.
- ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.
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- ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECK UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO UNDERSIDE OF DECK. WHERE SCREENS OR DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED. WHERE FIRE RATED PARTITIONS ABUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.
- SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE.
- SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING
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- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES, ETC... NOT SHOWN ON ARCHITECTURAL DRAWINGS.







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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

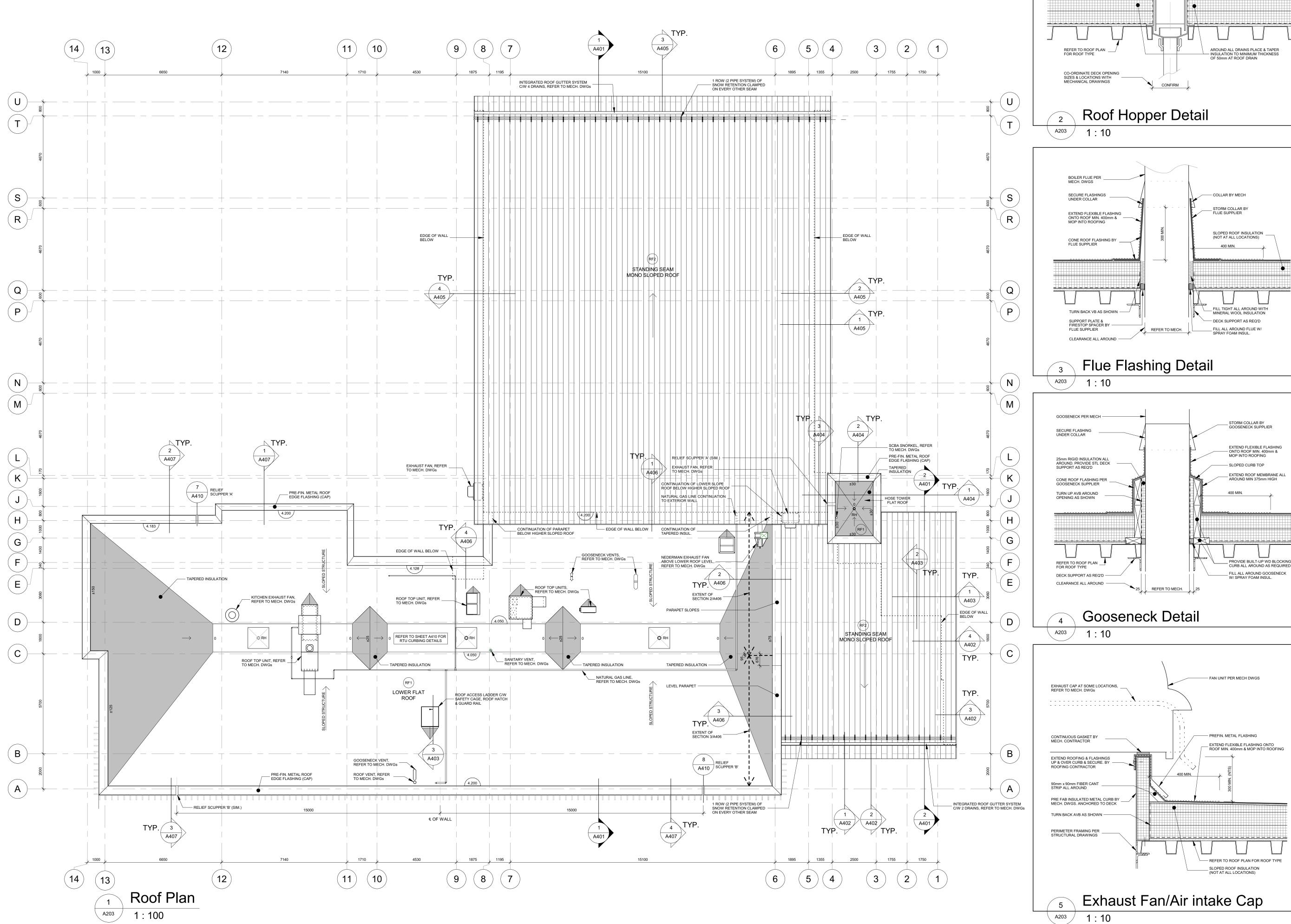
Upper Apparatus Bay Plan

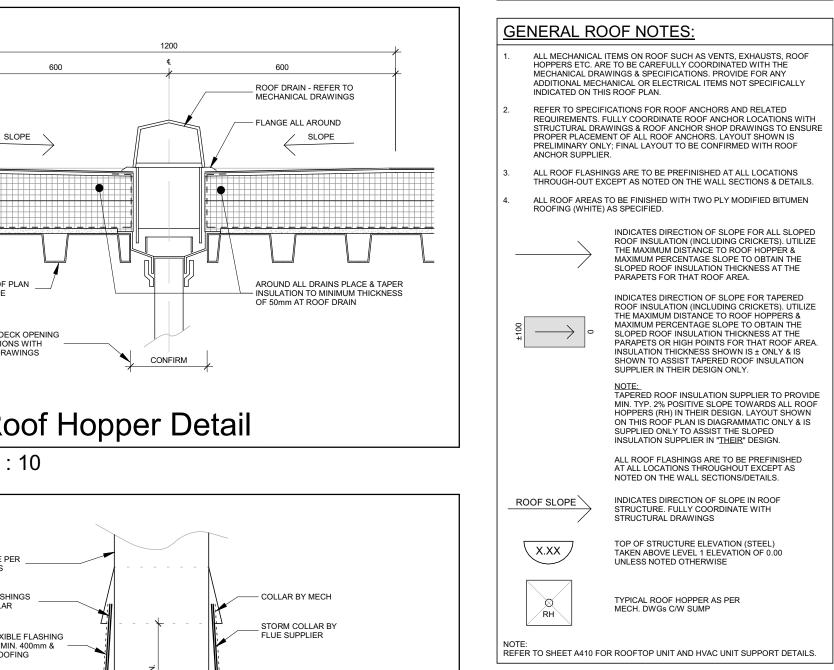
Project No Drawing No 2021-09-20 Drawn by 20019 A202

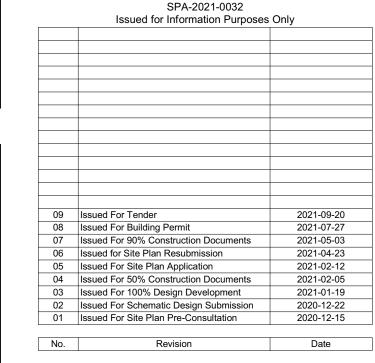
As indicated

A202

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PROJECT NORTH

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Project Information  BFES Station	201
27 Rutherford Rd. S., Bra	mpton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

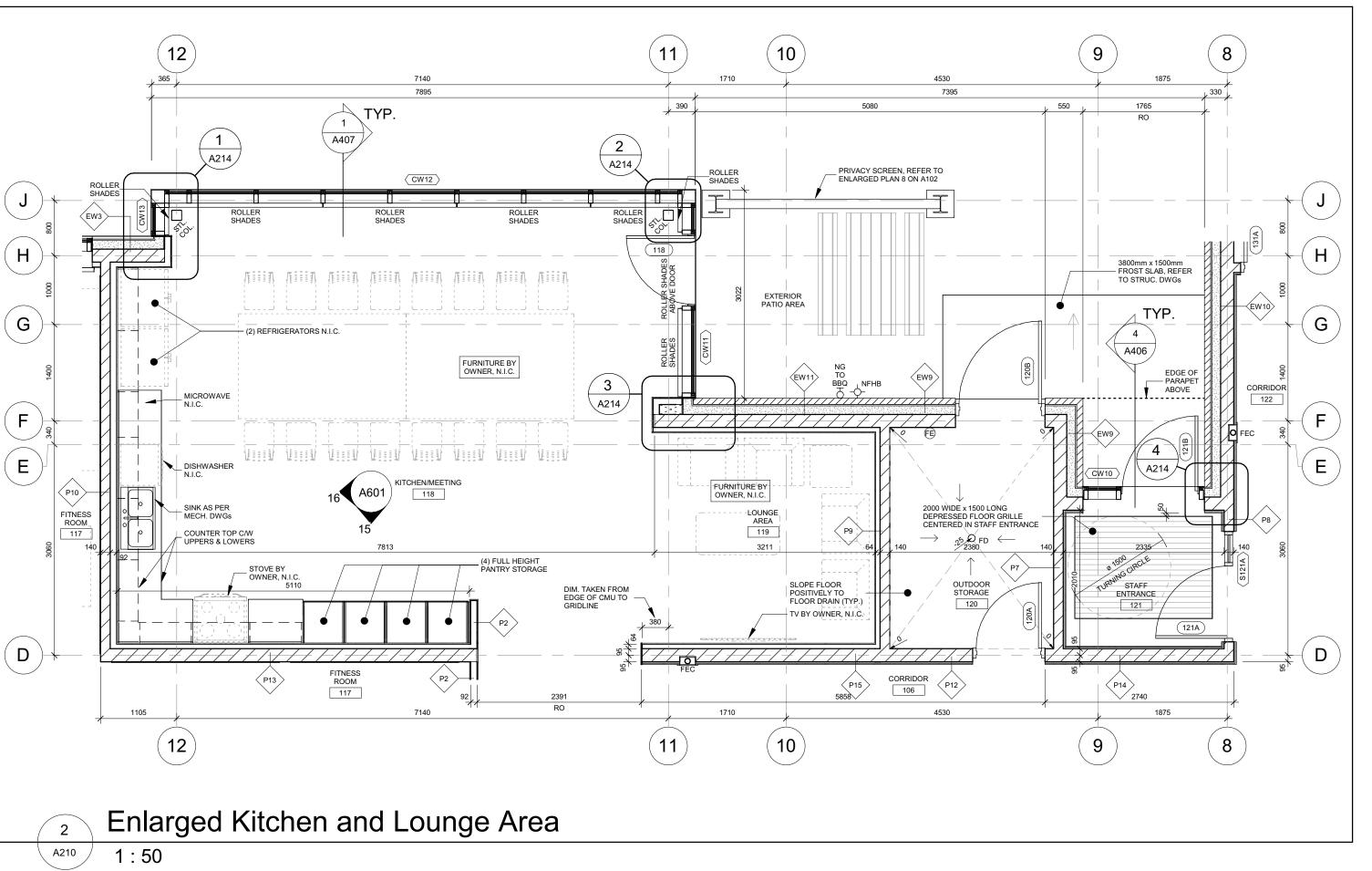
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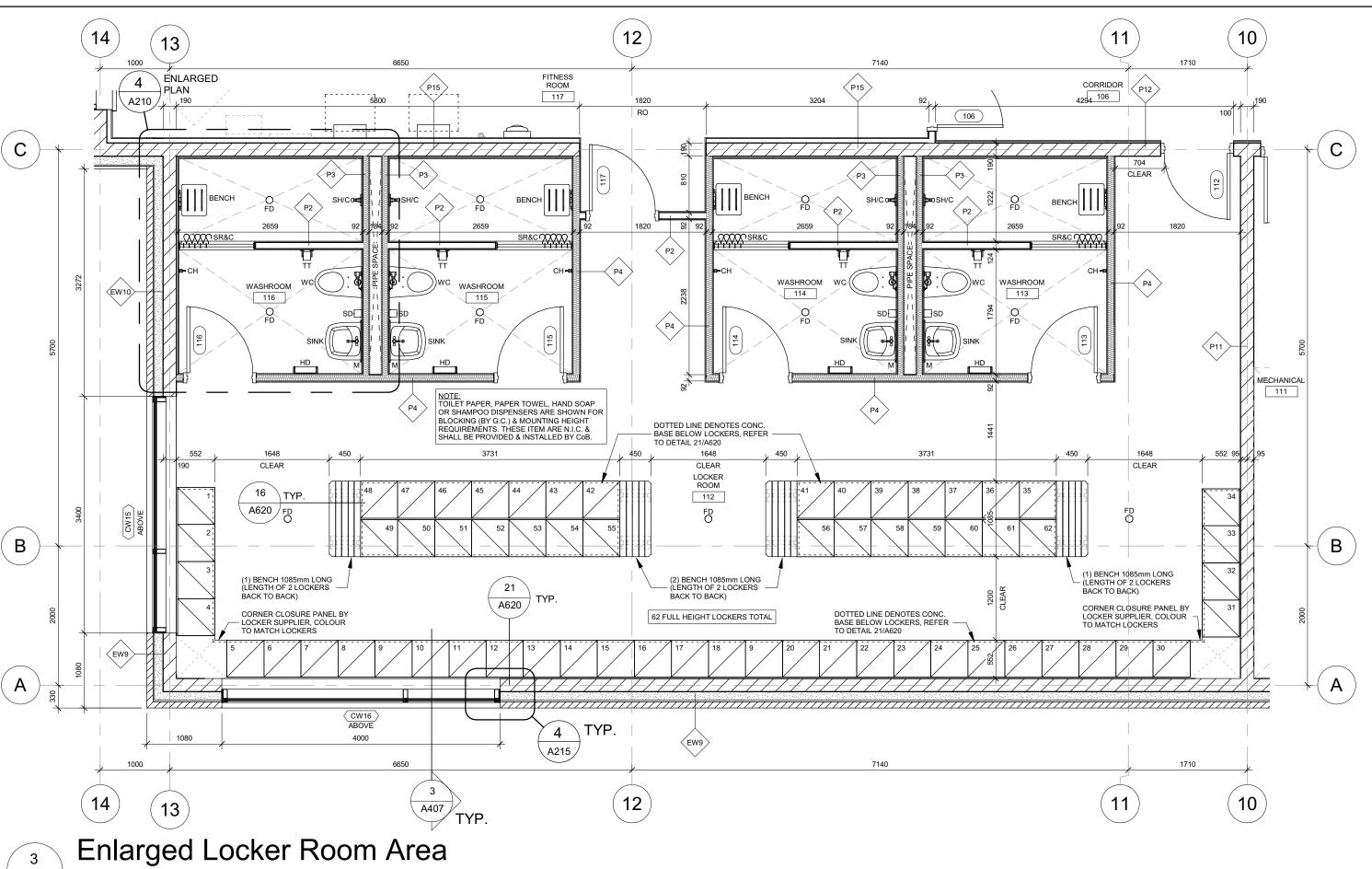
Roof Plan

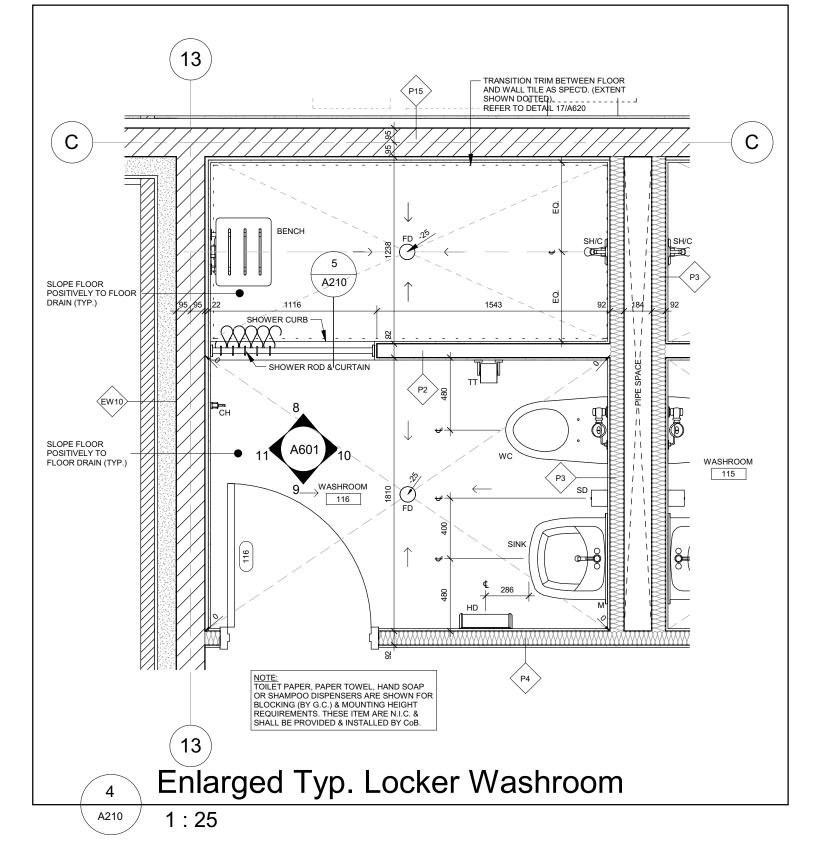
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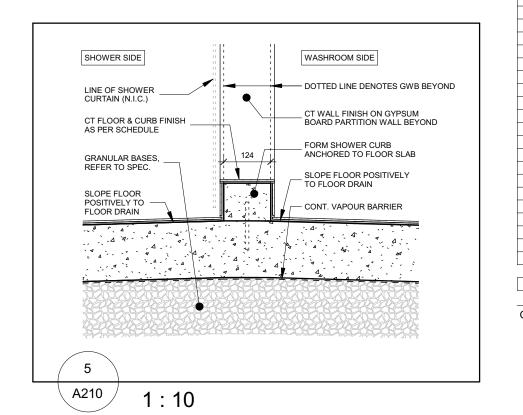
 Date
 2021-09-20
 Project No
 Drawing No

 Drawn by NL
 20019
 A203











- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETI OR METAL STUD UNLESS NOTED OTHERWISE.
   ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.
- WALLS.

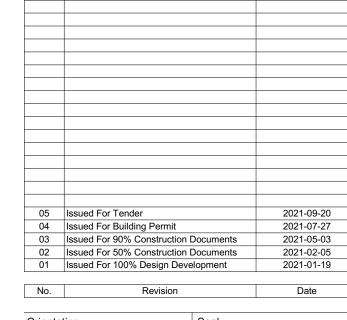
  ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD
  ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF
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  DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS,
  THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED
  TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.
- WHERE FIRE RATED PARTITIONS ABOUT NON-RATED PARTITIONS THE FIT RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.

  SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE.

  SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS
- REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT THE OF CMU WALLS.

  ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
- ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.

  REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES, ETC... NOT SHOWN ON ARCHITECTURAL DRAWINGS.



Seal Seal GER

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## salterpilon architecture

151 Ferris Lane, Suite 400 Barrie, Ontario L4M 6C1 salterpilon.com t: 705.737.3530

Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

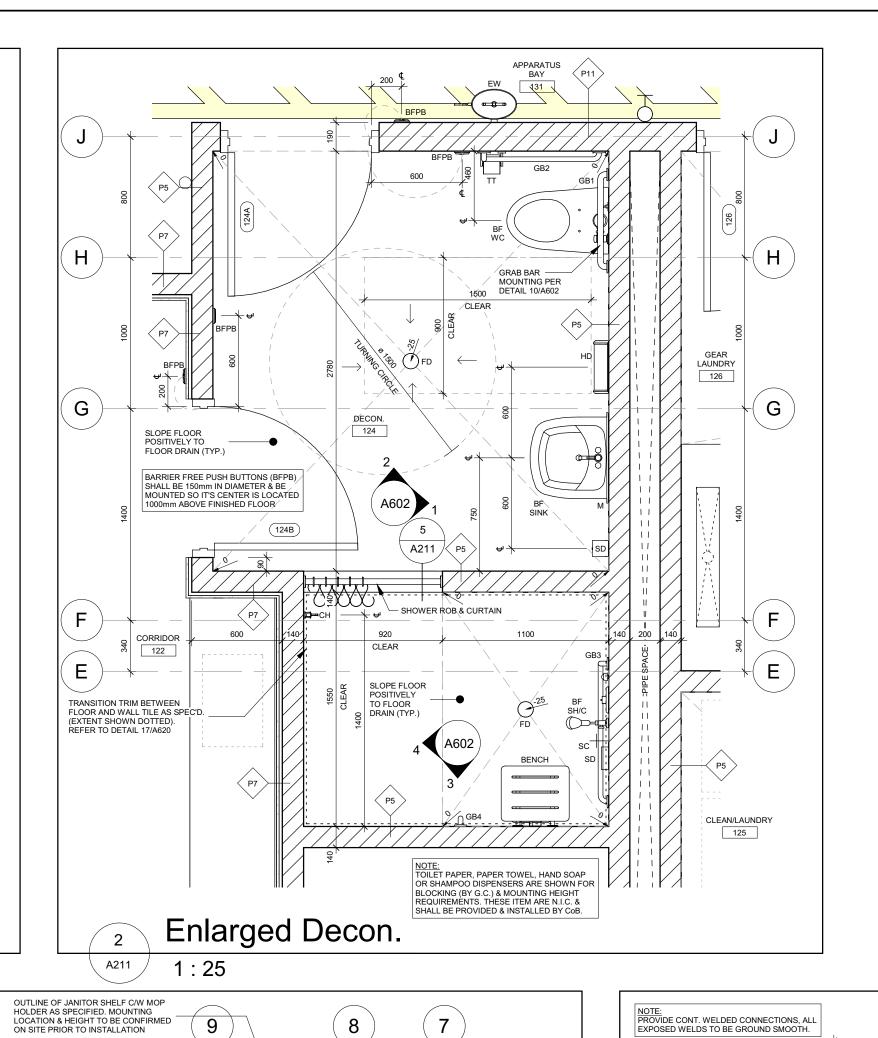
Drawing Title

Enlarged Floor Plans

Date 2021-09-20

Drawn by NL, BB

Scale As indicated Project No Drawing No A210



( C

COMPACT LAMINATE HEADER BOARD

COMPACT LAMINATE EDGE (MATTRESS STOP)

DOTTED LINES DENOTE HSS FRAMING BELOW BY MISC. METALS

SEAMS & EDGES

A211

NOTE: PROVIDE CONT. WELDED CONNECTIONS, ALL EXPOSED WELDS TO BE GROUND SMOOTH.

2mm THICK COMPACT LAMINATE -

OMPACT LAMINATE BEYOND -

SHEATHING C/W MELANINE FINISH, -

2mm THICK COMPACT LAMINATE \_

FRAMING BEYOND BY MISC. METALS

CAULK ALL SEAMS & EDGES

BY MISC. METALS

EDGE (MATTRESS STOP)

LOSURE BEYOND

19mm THICK PLYWOOD SHEATHING C/W MELANINE FINISH, CAULK ALL

COMPACT LAMINATE FOOTER BOARD

A211

 $(\mathsf{G})$ 

E

 $\left( \mathsf{D} \right)$ 

REFER TO ELEC. DWGs FOR ALL EQUIPMENT LAYOUT IN THIS ROOM

↓TYP.,

FDG -25

REFER TO MECH. DWGs FOR ALL EQUIPMENT

LAYOUT IN THIS ROOM

ROOF ACCESS LADDER & ROOF HATCH

10

 $(\mathsf{B})$ 

 $\mathbf{A}$ 

ALL EXPOSED EDGES

FILL MASONRY SOLID W/ CONC.

A211

T/O Level 1 Slab SLOPED REINFORCED POURED CONCRETE SLAB, REFER TO STRUC. DWGs

REFER TO STRUC. DWGs FOR ALL STEEL REINFORCING

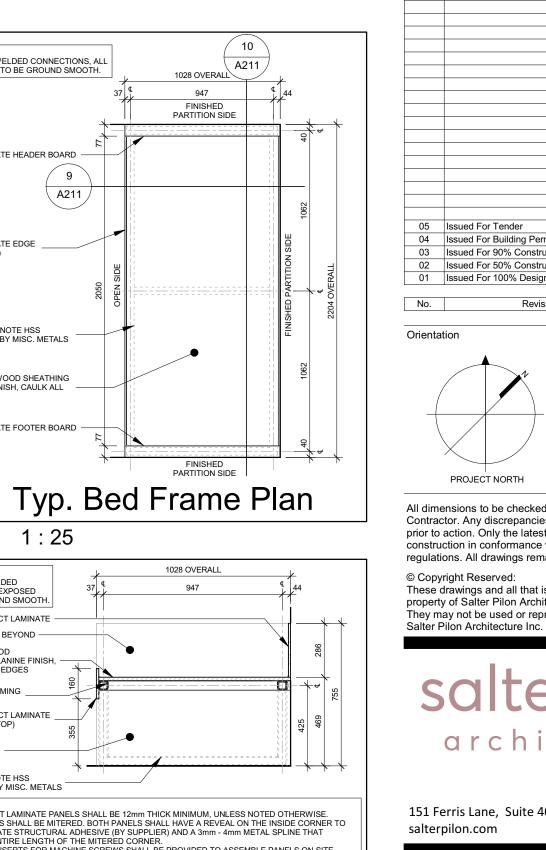
### **FLOOR PLAN GENERAL NOTES:** DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETION METAL STUD UNLESS NOTED OTHERWISE.

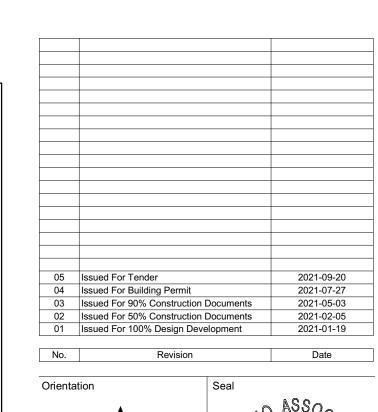
ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.

ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECK UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO UNDERSIDE OF DECK. WHERE SCREENS OF DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS
THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTI
TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED. WHERE FIRE RATED PARTITIONS ABUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION.

SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE. SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING

REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES, ETC... NOT SHOWN ON ARCHITECTURAL DRAWINGS.





LICENCE 5042

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Project Information

BFES Station 201

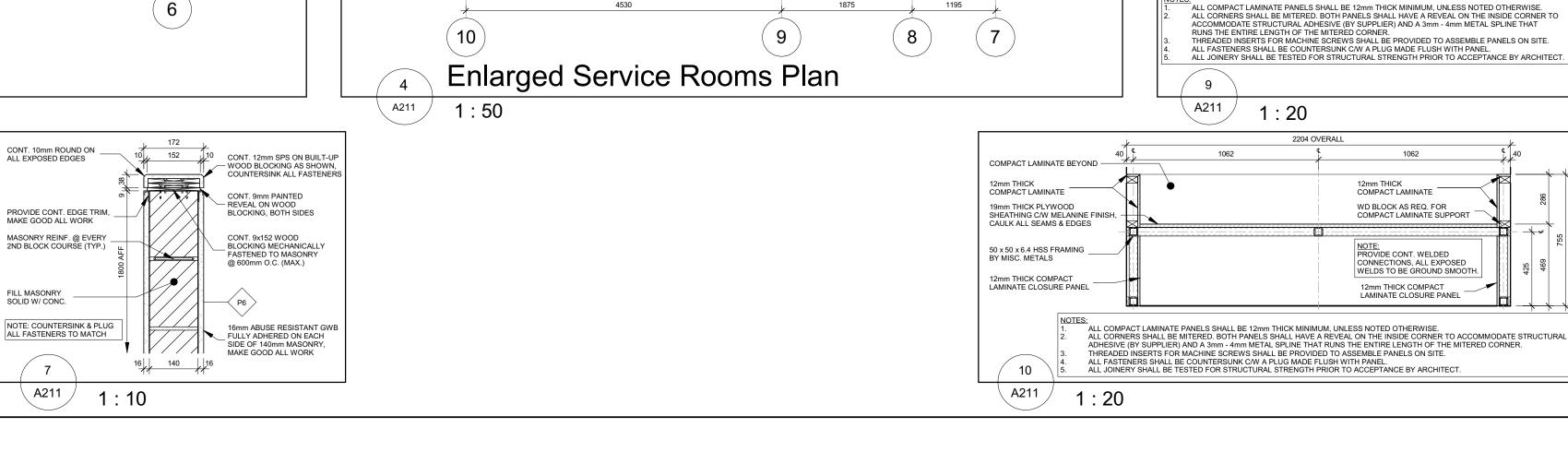
27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

**Enlarged Floor Plans** 

Project No Drawing No 2021-09-20 As indicated



- SLOP SINK, COORDINATE AREA

\_ SLOPE FLOOR POSITIVELY TO FLOOR DRAIN (TYP.)

PROVIDE 19mm THICK FIRE RATED PLYWOOD BACKING @ ELEC. PANEL LOCATIONS, COORD. W/ ELEC.

ELECTRICAL 108

REFER TO ELEC. DWGs FOR ALL EQUIPMENT LAYOUT IN THIS ROOM

SHOWER SIDE

LINE OF SHOWER CURTAIN (N.I.C.)

NOTE: REFER TO O.B.C. SECTION 3.8.3.13.(2)(d)

GRANULAR BASES, REFER TO SPEC.

A211

1:10

SLOPE FLOOR POSITIVELY TO FLOOR DRAIN

WASHROOM SIDE

EPX FINISH ON CMU

WITH WSL INSERT

SHOWER CURB: SCHLUTER
- SHOWERPROFILE-WS

SLOPE FLOOR POSITIVELY TO FLOOR DRAIN

CONT. VAPOUR BARRIER

TRENCH DRAIN SYSTEM, REFER TO STRUC. DWGs

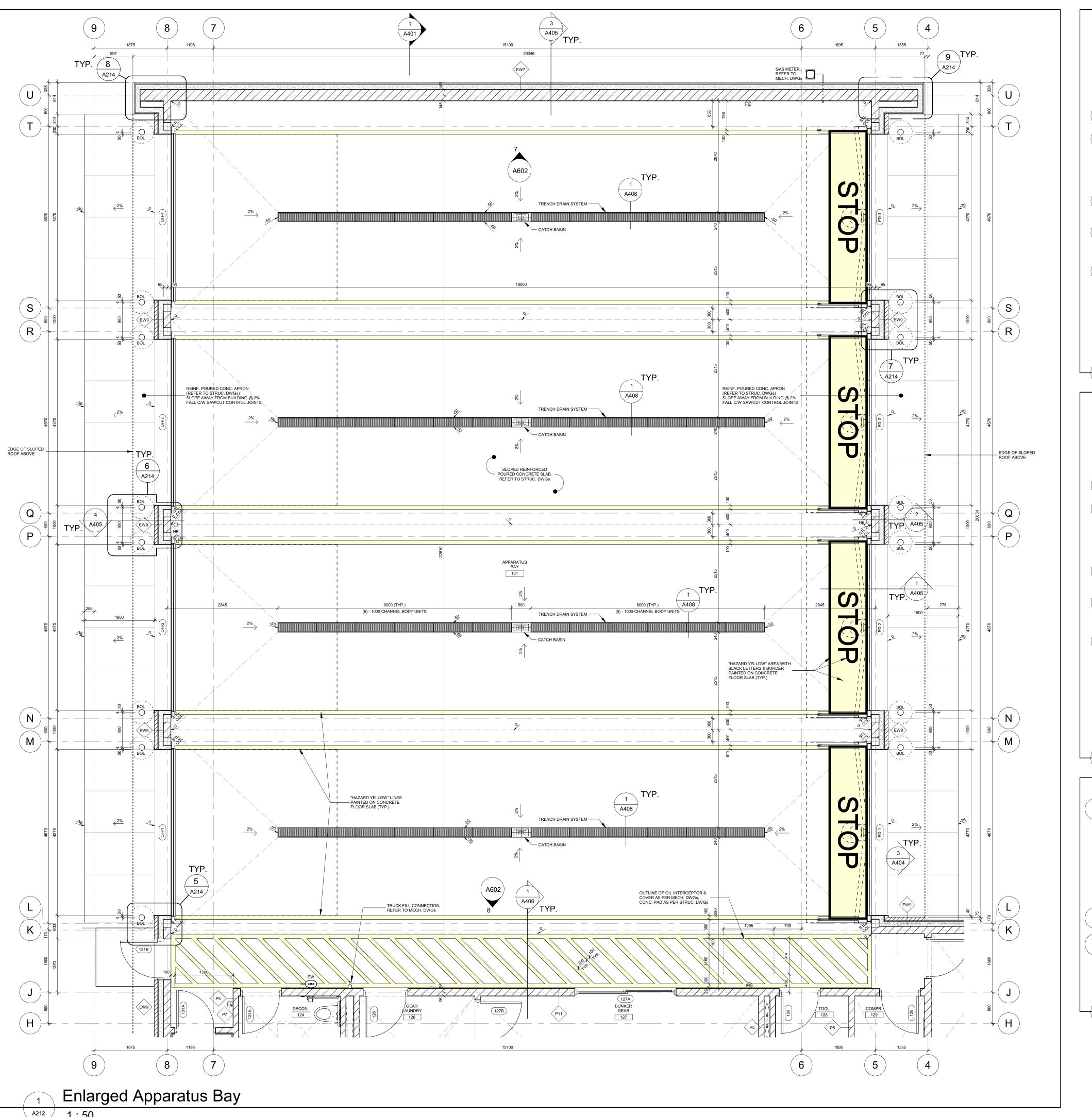
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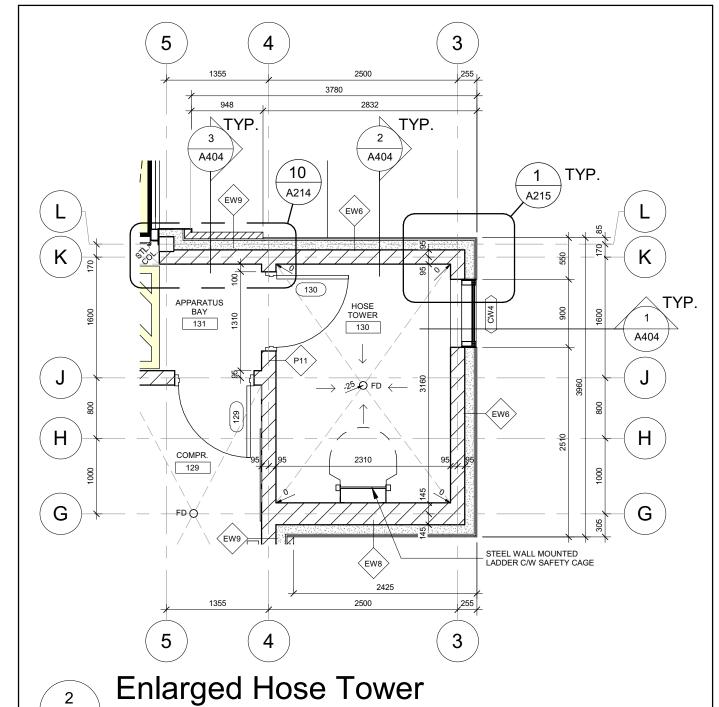
**△ A211** /

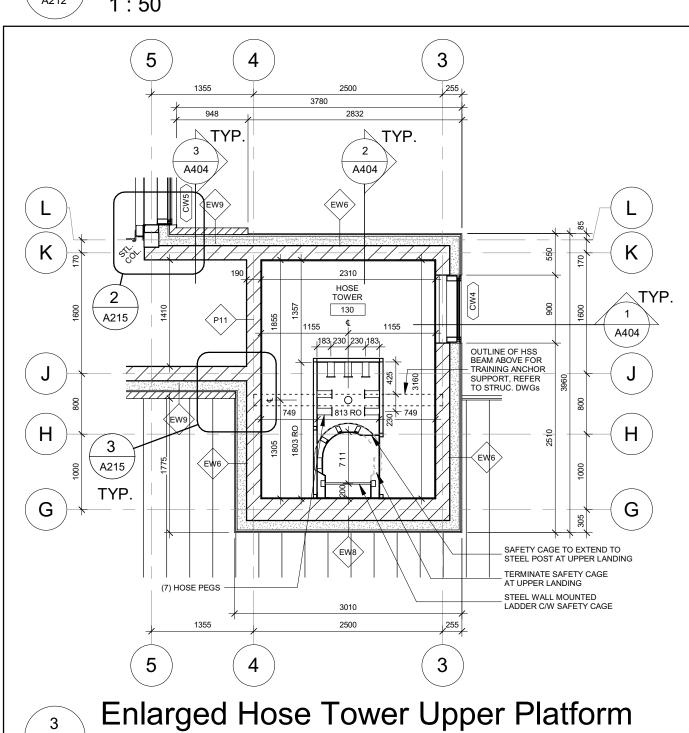
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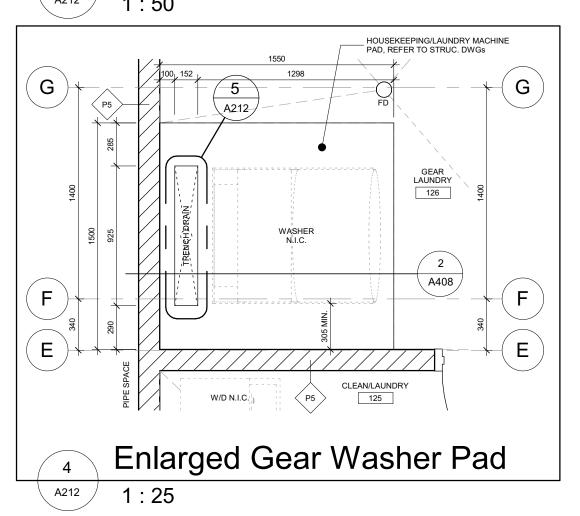
GRANULAR BASES AS SPECIFIED -

CONT. VAPOUR BARRIER UNDER TRENCH & FLOOR SLAB AS SHOWN

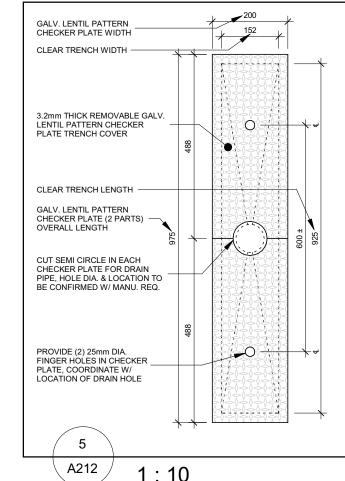


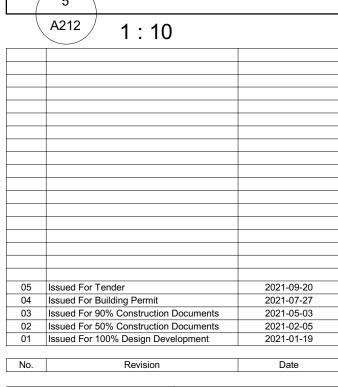






- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE OR METAL STUD UNLESS NOTED OTHERWISE.
- ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE. REFER TO FIRE SEPARATION PLAN FOR LOCATIONS OF ALL RATED
- ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECK UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO UNDERSIDE OF DECK. WHERE SCREENS OR DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED. WHERE FIRE RATED PARTITIONS ABUT NON-RATED PARTITIONS THE FIRE RATED ASSEMBLY SHALL BE CONTINUOUS AND UNINTERRUPTED BY THE ABUTTING WALLS TO MAINTAIN A CONTINUOUS FIRE SEPARATION. SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE.
- SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING
- BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
- REFER TO ELECTRICAL DRAWINGS FOR LOCATIONS OF PANELS, DOOR CONTROLS, SECURITY DEVICES, ETC... NOT SHOWN ON ARCHITECTURAL DRAWINGS.





GERRY P. PILON LICENCE 5042

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Project Information BFES Station 201

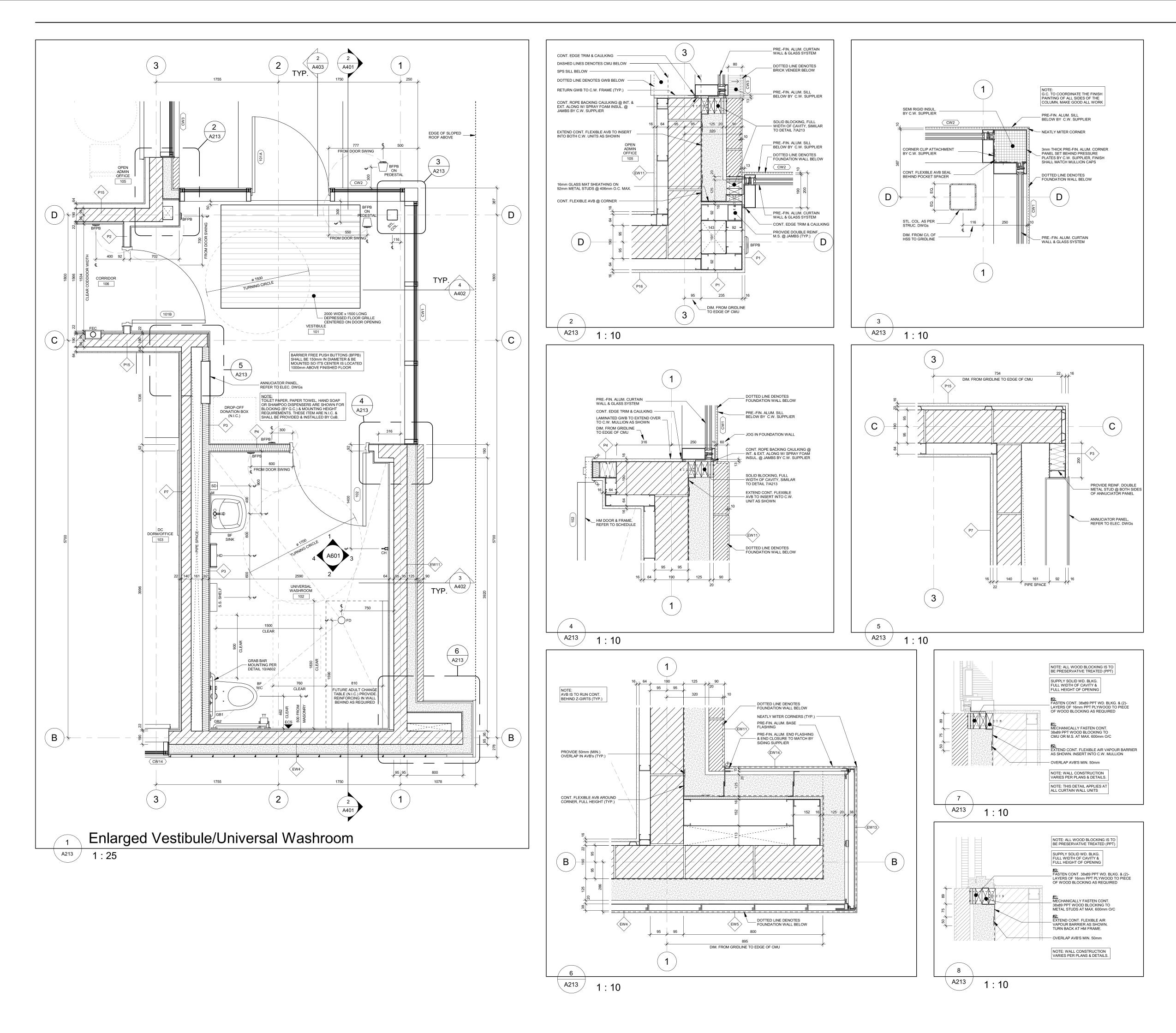
27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services Drawing Title

Enlarged Floor Plans

2021-09-20 Drawn by

Project No Drawing No 20019 A212 As indicated



- DIMENSIONS SHOWN ARE TAKEN TO FACE OF CMU, POURED CONCRETE OR METAL STUD UNLESS NOTED OTHERWISE.
- ALL GWB OR CMU PARTITIONS TO EXTEND TIGHT TO U/S OF FLOOR OR ROOF DECKS UNLESS NOTED OTHERWISE.
   REFER TO FIRE SEPARATION PLAN FOR LOCATIONS OF ALL RATED
- WALLS.

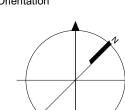
  ALL INTERIOR ALUMINUM SCREENS SHALL HAVE GWB AND METAL STUD ASSEMBLIES FROM TOP OF SCREEN/DOOR FRAME TO UNDERSIDE OF DECK UNLESS A LINTEL HAS BEEN PROVIDED BY STRUCTURAL WITH BLOCK WALL ABOVE TO UNDERSIDE OF DECK. WHERE SCREENS OR DOORS OCCUR WITHIN WALLS CONSTRUCTED AS FIRE SEPARATIONS, THE WALL ABOVE SUCH SCREENS OR DOORS SHALL BE CONSTRUCTED TO PROVIDE THE REQUIRED FIRE RESISTANCE RATING INDICATED.
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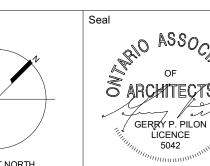
  SEAL PERIMETER OF WALLS AND AROUND PENETRATIONS THROUGH WALLS WITH ACOUSTIC SEALANT WHERE SOUND ATTENUATION BATTS ARE CALLED FOR ON THE WALL TYPE SCHEDULE.
- SEAL PERIMETER OF FIRE RATED WALLS AND AROUND PENETRATIONS THROUGH FIRE RATED WALLS WITH APPROVED FIRESTOPPING
- MATERIALS.

  REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT
- REFER TO STRUCTURAL DRAWINGS FOR LATERAL SUPPORT AT THE TOP OF CMU WALLS.

  ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE.
- ON ALL EXPOSED CORNERS OF EXPOSED MASONRY WALLS PROVIDE BULLNOSE BLOCK UNLESS NOTED OTHERWISE.
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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

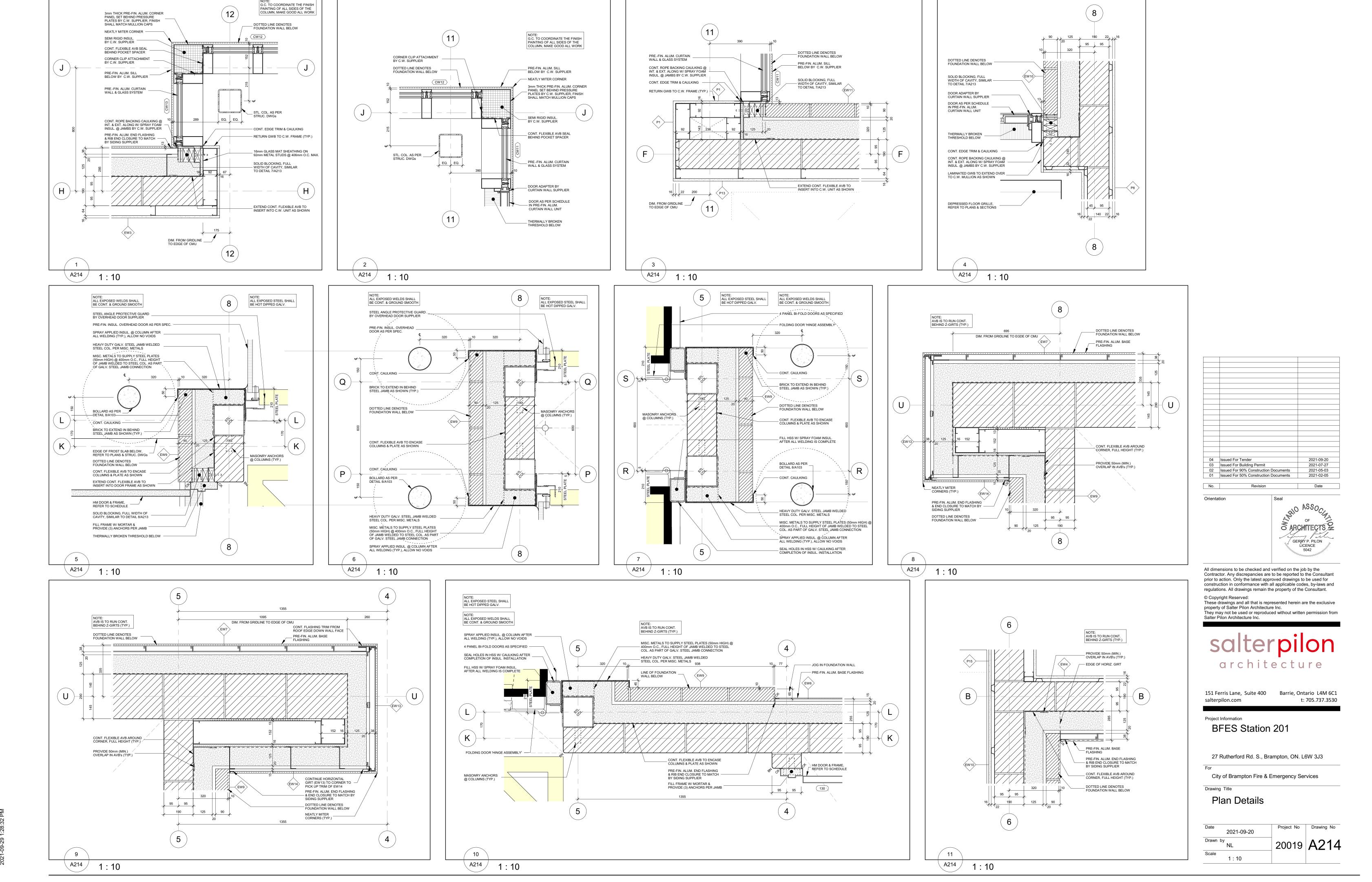
Enlarged Floor Plan & Plan Details

Date	2021-09-20	Projec
Drawn by	NL	200

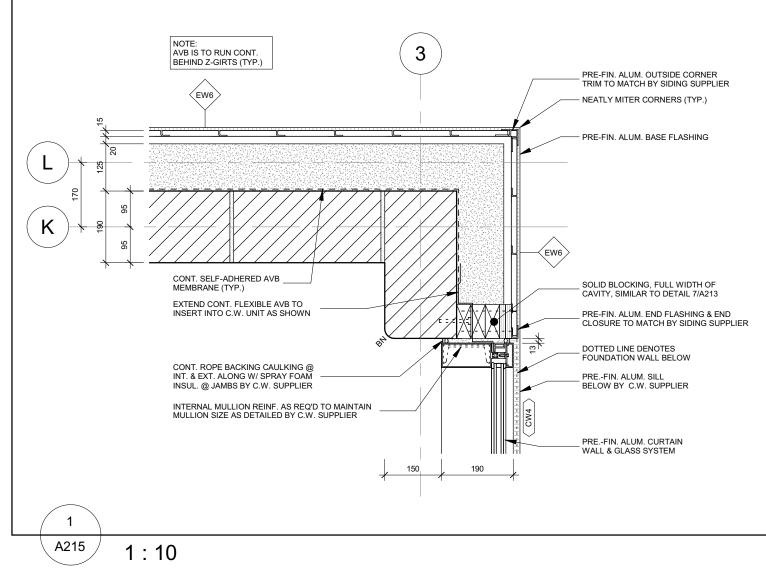
As indicated

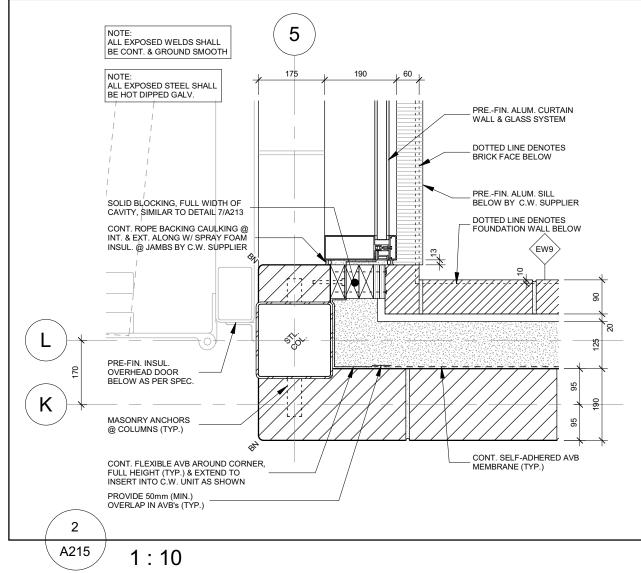
20019 A213

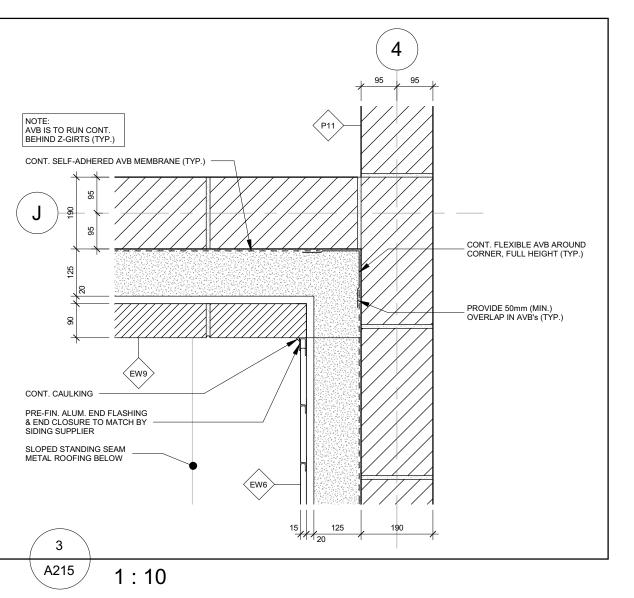
t: 705.737.3530

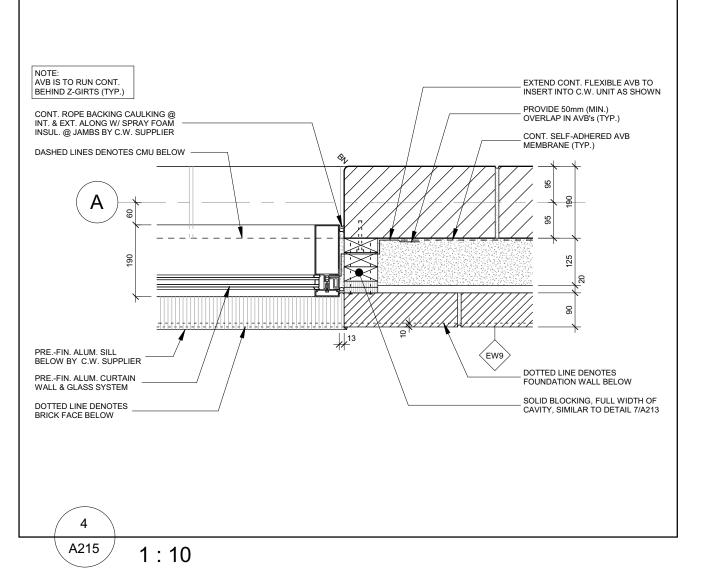


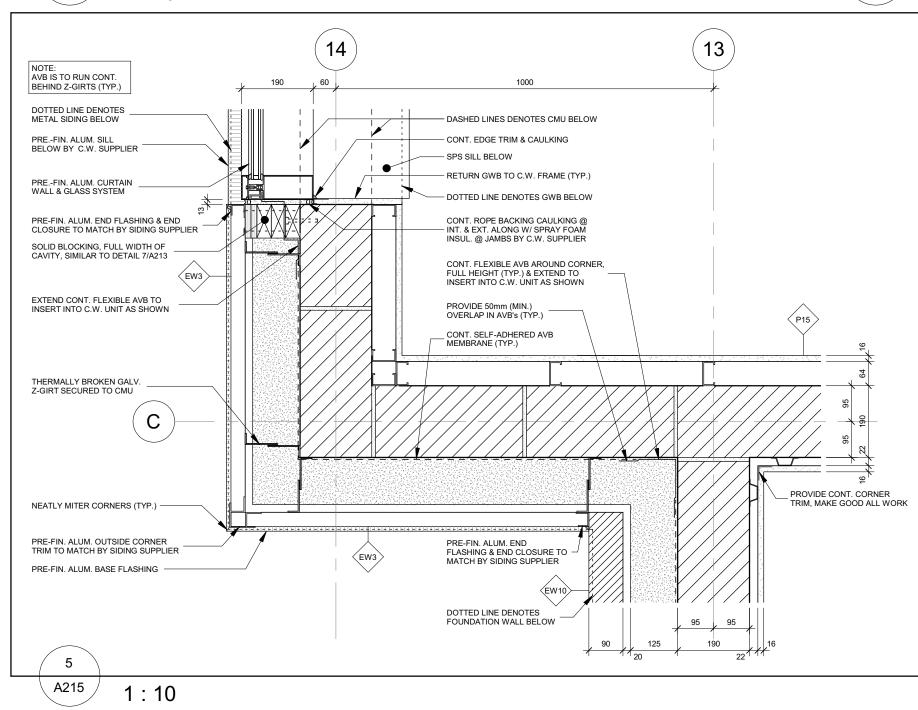
BIM 360://20019 - BFES Station 201/20019 BFES Station 201\_Central\_R20.rvt













Orientation



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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

Plan Details

Date 2021-09-20

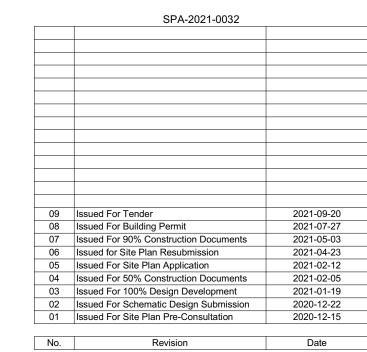
Drawn by NL 20019 A215

Scale 1:10

#### EXTERIOR ELEVATION GENERAL NOTES

FOUNDATION WALL AND FOOTINGS ARE PER THE STRUCTURAL DRAWINGS. REFER TO STRUCTURAL DRAWINGS FOR THE REQUIRED DEPTHS, SIZES, REINFORCING, ETC.

LOCATIONS OF ALL MECHANICAL AND ELECTRICAL ITEMS MUST BE CO-ORDINATED WITH THE MECHANICAL AND ELECTRICAL DRAWINGS (ie. HOSEBIBS, GRILLES, LIGHTS, ETC.) ON SITE WITH ALL TRADES INVOLVED IN THE WORK.



Orientati



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Project Information

BFES Station 201

27 Rutherford Rd. S., Brampton, ON. L6W 3J3

City of Brampton Fire & Emergency Services

Drawing Title

North & South Exterior Elevations

**EXTERIOR ELEVATIONS KEY PLAN** N.T.S.

 Date
 2021-09-20
 Project No
 Drawing No

 Drawn by BB, NL
 20019
 A301

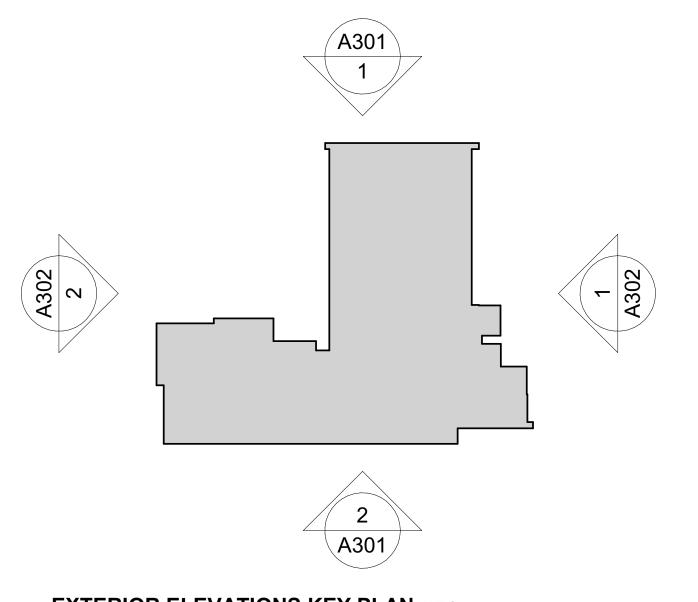
As indicated

OH-3

A302 1:10

West Elevation

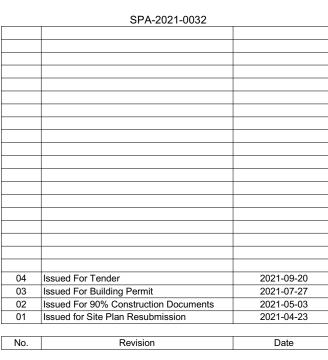
A302

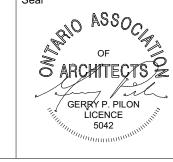


**EXTERIOR ELEVATION GENERAL NOTES** 

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HOSEBIBS, GRILLES, LIGHTS, ETC.) ON SITE WITH ALL TRADES INVOLVED IN THE WORK.





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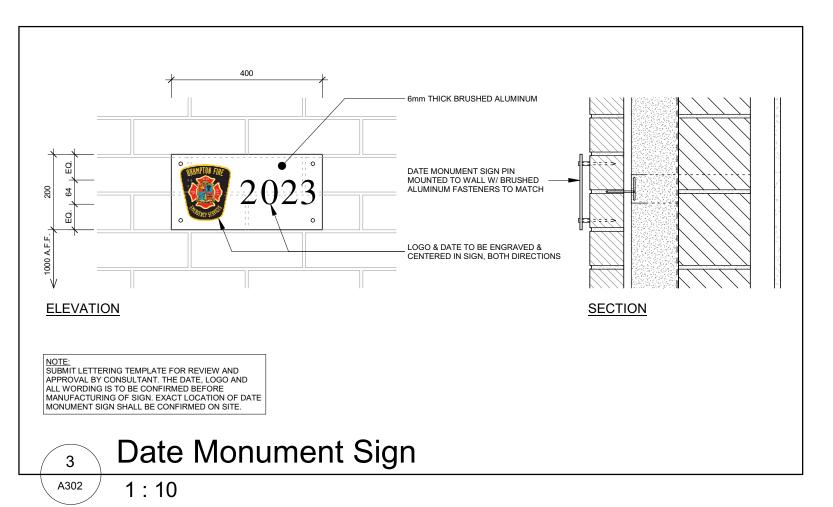
City of Brampton Fire & Emergency Services

Drawing Title

As indicated

East & West Exterior Elevations

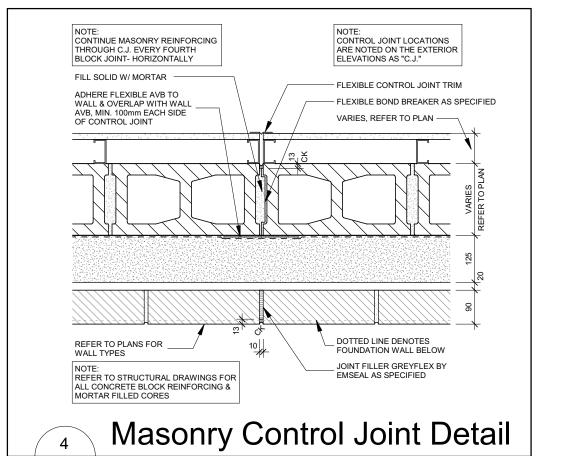
Project No Drawing No 2021-09-20 Drawn by 20019 A302 BB, NL Scale



U/S Of Lower Flat Roof Deck High Point
4200

T/O Level 1 Slab

U/S Of Lower Sloped Roof Deck Low Point

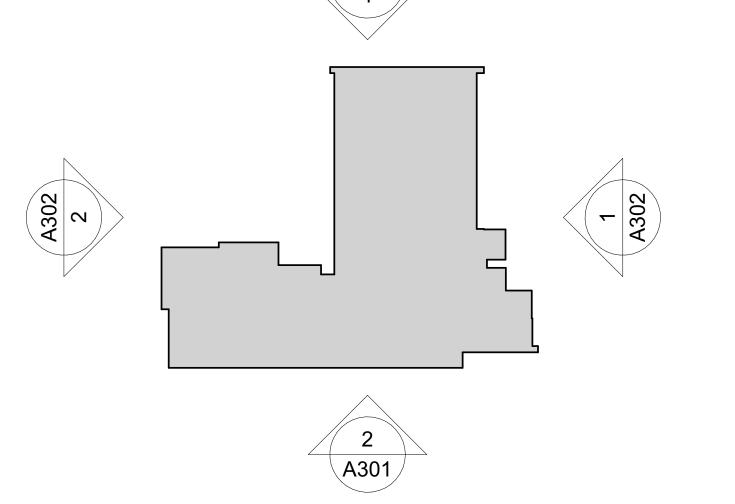


OH-2

OH-1

THERMALLY BROKEN & INSULATED HM DOOR — AND FRAME

PRE-FIN. ALUMINUM & GLASS
CURTAIN WALL SYSTEM



**EXTERIOR ELEVATIONS KEY PLAN** N.T.S.

TU

1 ROW (2 PIPE SYSTEM) OF

SNOW RETENTION CLAMPED
 ON EVERY OTHER SEAM

\_ CONC. FOUNDATIONS, REFER TO STRUC. DWGs (TYP.)

PRE-FIN. METAL ROOF EDGE FLASHING

- FACE BRICK

PREFINISH
 WOOD LOOK
 METAL FINS
 (TYP)

PROPOSED GRADE TO SLOPE — AWAY FROM BUILDING (TYP.), REFER TO CIVIL DWGs

\_ CONC. FOUNDATIONS, REFER TO STRUC. DWGs (TYP.)

CW15

PRE-FIN. METAL
SIDING CORNER TRIM

WALL MOUNTED LIGHT FIXTURE, REFER TO ELEC. DWGs