



Fire Station 101: Architectural Working Drawings

TEAM 13: Hammad UI Haque &
Raissa Menezes Siqueira

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Site Statistics, OBC and Zoning Site Requirements

Item	Required	Provided	Source
Number of Parking Spaces	32	32	M-FSTD
Number of Accessible Parking Spaces	2	2	BYLAW
Walkway Width	1.5m	2.5m	SPAM 4.1
Accessible Walkways	1.8m	2.5m	SPAM 4.1
Landscaped Area @ Site Access	3m	>3m	SPAM 4.2
Fire Route width	6m	7.1m	M-FSTD
2-way Aisle width	7m	7.1m	SPAM 4.3
Level Rest Areas – Multi Purpose Trail	30-90m apart	30-90m apart	MFADS 4.1.4
Fire Hydrant within 45m of building	1	2	OBC 3.2.5.16
Center line Turning Radius Along Fire Route	12m	>12m	OBC 3.2.5.6
Siamese Connection	1	2	OBC 3.2.5.16

M-FADS = Mississauga Facility Accessibility Design Standards
 OBC = Ontario Building Code
 SPAM = Mississauga Site Plan Approval Manual
 M-FSTD = Mississauga Fire Station Template Design

Site Statistics

Zoning designation: OS2 - Open Space - City Park

Lot Area	Approx. 2.2 ha
Proposed Lot Coverage	5%
Proposed Gross Floor Area	1195 sq. m.
Proposed Green Spaces	56%
Proposed Paved Surfaces	40%

Permitted Uses

Passive Recreational Use
 Active Recreational Use
 Stormwater Management Facility

Zone Regulations

Minimum Lot Frontage	N/A
Minimum Setback of a Building or Structure from Lot Line	4.5m
Minimum Setback of a Building or Structure from Lot Line Abutting a Residential Zone	6.0.
Max Building Height	N/A
Minimum Landscape Buffers Abutting all Lot Lines	4.5m

OBC Matrix

ONTARIO BUILDING CODE DATA MATRIX

PART 3 - FIRE PROTECTION, OCCUPANT SAFETY AND ACCESSIBILITY

Revised: 2017 08 23

OBC REFERENCE (1)

Name of Practice	Raissa Menezes Siqueira, Hammad UI Haque		
Address 1	6880 Meadowvale Town Centre		
Address 2	Mississauga, ON, L5N 7T4		
Contact	4379835686		
Name of Project	Fire Station 101		
Location/Address	Nninth Line, Mississauga, ON		
Date	21-Jul-21	Seal & Signature	



3.00 BUILDING CODE VERSION	O.Reg. 332/12	LAST AMENDMENT	O.Reg. 191/14
3.01 PROJECT TYPE	New Construction	[A] 1.1.2.	
3.02 MAJOR OCCUPANCY CLASSIFICATION	OCCUPANCY	USE	3.1.2.1.(1)
	D Business & Personal Services	Office / Living	
	F3 Low Hazard Industrial	Apparatus Bay	
3.03 SUPERIMPOSED MAJOR OCCUPANCIES	NO	3.2.2.7.	
3.04 BUILDING AREA (m²)	DESCRIPTION	EXISTING	NEW TOTAL [A] 1.4.1.2.
	Ground Floor: Apparatus Bay, Office / Living		1195.00 1,195.0
	TOTAL	-	1,195.0 1,195.0
3.05 GROSS AREA (m²)	DESCRIPTION	EXISTING	NEW TOTAL [A] 1.4.1.2.
	Ground Floor: Apparatus Bay, Office / Living		1195.00 1,195.0
	TOTAL	-	1,195.0 1,195.0
3.06 MEZZANINE AREA (m²)	DESCRIPTION	EXISTING	NEW TOTAL 3.2.1.1.
	TOTAL	-	- -
3.07 BUILDING HEIGHT	1 STOREYS ABOVE GRADE	8.00 (m) ABOVE GRADE	[A] 1.4.1.2. & 3.2.1.1.
3.08 HIGH BUILDING	No	3.2.6	
3.09 NUMBER OF STREETS/ FIREFIGHTER ACCESS	3 STREET(S)	3.2.2.10. & 3.2.5.	
3.10 BUILDING CLASSIFICATION (SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY)	3.2.2.56. Group D, up to 2 Storeys, Sprinklered	3.2.2.20-83.	
	3.2.2.81. Group F, Division 3, 1 Storey, Sprinklered		

Schedule of Areas and OBC Building Requirements

Room Schedule					
Number	Name	Area	Number	Name	Area
101	Vestibule 1	6 m²	122	Storage	12 m²
102	Vestibule 2	6 m²	123	Locker Room	36 m²
103	Captain's Room 1	19 m²	124	Dayroom Lounge	59 m²
104	Captain's Room 2	19 m²	125	Workstation	18 m²
105	Captain's Room 3	18 m²	126	Dining	80 m²
106	B.F Washroom	18 m²	127	Kitchen	23 m²
107	Washroom 1	7 m²	128	Sprinkler	12 m²
108	Washroom 2	7 m²	129	IT Room	7 m²
109	Washroom 3	7 m²	130	Security	7 m²
110	Washroom 4	7 m²	131	Mech Room	16 m²
111	2 P.C W/C 1	5 m²	132	Compressor Room	10 m²
112	2 P.C W/C 2	5 m²	133	Material Storage	5 m²
113	Change Room 1	3 m²	134	Bunker Gear Room	19 m²
114	Change Room 2	3 m²	135	Laundry/Workshop	23 m²
115	Janitor 1	6 m²	136	Outdoor Storage	10 m²
116	Janitor 2	6 m²	137	Electrical Room	8 m²
117	Dorm 1	29 m²	138	Eye Wash	1 m²
118	Dorm 2	31 m²	139	Apparatus Bay	407 m²
119	Dorm 3	29 m²	140	Circulation	158 m²
120	Fitness Room	28 m²	141	Pantry	12 m²
121	Meeting Room	54 m²	142	Patio	52 m²

Building Classifications:

Total Gross Floor Area:
 Total Occupant Load:

Group D Business and Personal Services Occupancies, Group F3 Low Hazard Industrial Occupancies
1195 sq. m.
30

Water Closets

Occupant Load	Number of Closets	OBC Ref.
30 / 2 = 15 15 male, 15 female	2 stalls female, 2 stalls male; 2 sinks female; 2 sinks male.	Table 3.7.4.3.A.

Washrooms shall be split into 4 individual units (that include shower) for unisex use.
 One Universal Barrier Free washroom is provided close to the main entrance of the building.

Fire Separation

As per OBC 3.1.3.1 Separation of Major Occupancies, there are no applicable minimum fire-resistance rating fire rating separations between occupancies D and F3.

*Note: Any occupant loads calculated are in conformance with OBC Table 3.1.17.1. Any occupant loads directly stated and not calculated are by design and in conformance with OBC 3.1.17.2 (2) will have permanent signs placed in a conspicuous locations indicating such.

3.11 SPRINKLER SYSTEM	Not Required	PROVIDED: Entire Building	3.2.1.5. & 3.2.2.17.
3.12 STANDPIPE SYSTEM	-		3.2.9.
3.13 FIRE ALARM SYSTEM	-	TYPE PROVIDED -	3.2.4.
3.14 WATER SERVICE/ SUPPLY IS ADEQUATE	Yes		
3.15 CONSTRUCTION TYPE	RESTRICTIONS -	HEAVY TIMBER CONSTRUCTION -	3.2.2.20-83. 3.2.1.4.
3.16 IMPORTANCE CATEGORY	High		4.1.2.1.(3), T4.1.2.1.B.
3.17 SEISMIC HAZARD INDEX (I _e F _s S ₀) (0.2	0.00	Seismic Design Not Required for Table 4.1.8.18. Items 6 to 21	4.1.8.18.(1)
3.18 OCCUPANT LOAD	FLOOR LEVEL/AREA	OCCUPANCY TYPE	BASED ON OCCUPANT LOAD (PERSONS) 3.1.17.
	App. Bay, Office / Living	F3, D	Design of space 30
	TOTAL		30
3.19 BARRIER-FREE DESIGN	Yes		3.8.
3.20 HAZARDOUS SUBSTANCES	No		3.3.1.2. & 3.3.1.19.
3.21 REQUIRED FIRE RESISTANCE RATINGS	HORIZONTAL ASSEMBLY	RATING (H)	SUPPORTING ASSEMBLY (H) NONCOMBUSTIBLE IN LIEU OF RATING? 3.2.2.20-83, 3.2.1.4.
	FLOORS OVER BSMT		N/A
	FLOORS		N/A
	MEZZANINE		N/A
	ROOF		NO
3.22 SPATIAL SEPARATION	WALL	EBF AREA (m²)	L.D. (m²) L/H OR H/L REQUIRED FRR (H) CONSTRUCTION TYPE CLADDING TYPE 3.2.3.
3.23 PLUMBING FIXTURE REQUIREMENTS	RATIO:	MALE:FEMALE = 50:50 EXCEPT AS NOTED OTHERWISE 3.7.4.	
	FLOOR LEVEL/AREA	OCCUPANT LOAD	OBC SENTENCE FIXTURES REQUIRED FIXTURES PROVIDED
3.24 ENERGY EFFICIENCY	COMPLIANCE PATH:	CLIMATIC ZONE:	
3.25 NOTES	1 ALL REFERENCES ARE TO DIVISION B OF THE OBC UNLESS PRECEDED BY [A] FOR DIVISION A AND [C] FOR DIVISION C		

ASSOCIATION:

Sheridan
 Architecture

ALSO PARE OF YORK BOULEVARD
 MISSISSAUGA, ON L4B 0G6

COMPANY NAME AND LOGO:



PROJECT NAME AND LOCATION:

FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY:
 HANNAH U. HAQUE
 RAISSA MENEZES SIQUEIRA

CHECKED BY:
 DANIEL RAPOQUE

SHEET TITLE:

Site Statistics, OBC & Zoning Site Requirements
 Schedule of Areas and OBC Compliance Chart

SCALE:
 N.T.S.

SHEET NO.:

REVISION:
 OOI

DATE DRAWN:
 2021.07.20

AOCI

PARTITIONS SCHEDULE

EXTERIOR WALL ASSEMBLIES

TYPE	CONSTRUCTION	ASSEMBLY
EW1	EXTERIOR WALL TYPE 1 - 20 ALUMINUM COMPOSITE PANEL (PURE WHITE) w/ Z-GIRTS - 25 AIR SPACE - 2 X 15 RIGID INSULATION - 150 THERMAL SPACER - AIR/VAPOR BARRIER - 150 C.M.U. BLOCK - PAINT FINISH	
EW2	EXTERIOR WALL TYPE 2 - 20 ALUMINUM COMPOSITE PANEL (RUBY RED) w/ Z-GIRTS - 25 AIR SPACE - 25 RIGID INSULATION - AIR BARRIER - 13 O.S.B. - 152 STEEL STUDS # 400 O.C. w/ - 152 BATT INSULATION - VAPOR BARRIER - 13 G.W.B.	
EW3	EXTERIOR WALL TYPE 3 - 20 ALUMINUM COMPOSITE PANEL (PURE WHITE) w/ Z-GIRTS - 25 AIR SPACE - 25 RIGID INSULATION - AIR BARRIER - 13 O.S.B. - 152 STEEL STUDS # 400 O.C. w/ - 152 BATT INSULATION - VAPOR BARRIER - 13 G.W.B.	
EW4	EXTERIOR WALL TYPE 4 - 100 ASHLAR STACKED STONE - 25 AIR SPACE - 25 RIGID INSULATION - AIR BARRIER - 13 O.S.B. - 152 STEEL STUDS # 400 O.C. w/ - 152 BATT INSULATION - VAPOR BARRIER - 13 G.W.B.	
EW5	EXTERIOR WALL TYPE 5 - 20 ALUMINUM COMPOSITE PANEL (PURE WHITE) w/ Z-GIRTS - 25 AIR SPACE - 304 & C.M.U. BLOCK - 25 AIR SPACE - 20 ALUMINUM COMPOSITE PANEL (PURE WHITE) w/ Z-GIRTS	
EW6	EXTERIOR WALL TYPE 6 - 20 ALUMINUM COMPOSITE PANEL (RUBY RED) w/ Z-GIRTS - 25 AIR SPACE - 152 STEEL STUDS - 25 AIR SPACE - 20 ALUMINUM COMPOSITE PANEL (RUBY RED) w/ Z-GIRTS	
EW7	EXTERIOR WALL TYPE 1 - 20 ALUMINUM COMPOSITE PANEL (PURE WHITE) w/ Z-GIRTS - 25 AIR SPACE - 25 RIGID INSULATION - AIR BARRIER - 13 O.S.B. - 152 STEEL STUDS # 400 O.C. w/ - 152 BATT INSULATION - VAPOR BARRIER - 13 CEMENT BACKER BOARD - 6 MORTAR - 10 CERAMIC TILE	
CW	EXTERIOR CURTAIN WALL - 155 ALUMINUM MULLION w/ - TRIPLE GLAZING - 2 LOW-E (SOFT COAT) WITH ARGON (E=0 @3) w/ - INSULATOR SEPARATOR	

FOUNDATION WALLS

TYPE	CONSTRUCTION	ASSEMBLY
FW	FOUNDATION WALL TYPE 1 - 15 RIGID INSULATION - DRAINAGE BOARD - WATERPROOF MEMBRANE - 300 STRUCTURAL POURED CONCRETE WALL	

INTERIOR PARTITION ASSEMBLIES

TYPE	CONSTRUCTION	ASSEMBLY
P1	INTERIOR PARTITION TYPE 1 - 13 G.W.B. - 85 STEEL STUDS - 13 G.W.B.	
P2	INTERIOR PARTITION TYPE 2 - 13 G.W.B. - 152 STEEL STUDS - 13 CEMENT BACKER BOARD - 6 MORTAR - 10 CERAMIC TILE	
P3	INTERIOR PARTITION TYPE 3 - 10 CERAMIC TILE - 6 MORTAR - 13 CEMENT BACKER BOARD - 85 STEEL STUDS - 13 CEMENT BACKER BOARD - 6 MORTAR - 10 CERAMIC TILE	
P4	INTERIOR PARTITION TYPE 4 - PAINT FINISH - 150 CONCRETE MASONRY UNIT - 22 FURRING CHANNELS # 400 O.C. - 13 G.W.B.	
HW	HOLLOW METAL SCREEN - DU-SERIES HMS	

ACOUSTIC PARTITION ASSEMBLIES

TYPE	CONSTRUCTION	ASSEMBLY
A1	ACOUSTIC PARTITION TYPE 1 STC-50 - DORMS, LOUNGE, OFFICE - 2 X 13 G.W.B. - 85 STEEL STUDS w/ - 85 BATT INSULATION - 2 X 13 G.W.B.	
A2	ACOUSTIC PARTITION TYPE 2 STC-45 - WASHROOMS - 16 G.W.B. - 85 STEEL STUDS w/ - 85 BATT INSULATION - 13 CEMENTER BACKER BOARD - 6 MORTAR - 10 CERAMIC TILE	
A3	ACOUSTIC PARTITION TYPE 3 STC-45 - MECHANICAL ROOM (H FFR) - 16 G.W.B - TYPE X - 85 STEEL STUDS w/ - 85 BATT INSULATION - 16 G.W.B - TYPE X	

ROOF ASSEMBLIES

TYPE	CONSTRUCTION	ASSEMBLY
R	EPDM ROOF MEMBRANE - ROOF MEMBRANE - SLOPED RIGID INSULATION - 50 RIGID INSULATION - 6MIL VAPOUR BARRIER - 13 OSB SHEATHING - 38 STEEL DECK - OPEN WEB STEEL JOIST (GWS.)	

FLOOR ASSEMBLIES

TYPE	CONSTRUCTION	ASSEMBLY
F1	FLOOR TYPE 1 - POLISHED CONCRETE FINISH - 150 CONCRETE SLAB ON GRADE - VAPOUR BARRIER - 75 RIGID INSULATION - 150 COMPACTED GRANULAR FILL - UNDISTURBED SOIL	
F2	FLOOR TYPE 2 - 200MM CONCRETE SLAB-ON-GRADE - UNDER SLAB VAPOR RETARDER - 75 RIGID INSULATION - 150 COMPACTED GRANULAR FILL - UNDISTURBED SOIL	

GENERAL NOTES:

1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
2. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS.
3. USE ONLY LATEST REVISED DRAWINGS.
4. REPORT ANY ERRORS OR OMISSIONS TO THE ARCHITECT OR DESIGN ENGINEER AS APPLICABLE.
5. THE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON THE COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.

ASSOCIATION:



COMPANY NAME AND LOGO:



PROJECT NAME AND LOCATION:

FIRE STATION 101
MISSISSAUGA, ON

DRAWN BY: HANNAH LI HAOE
REVISED BY: KYLEA

CHECKED BY: DANIEL RYKOUE

SHEET TITLE:

WALL TYPES

SCALE:

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REVISION:

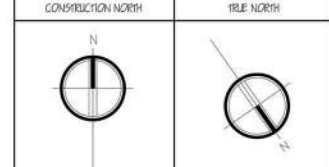
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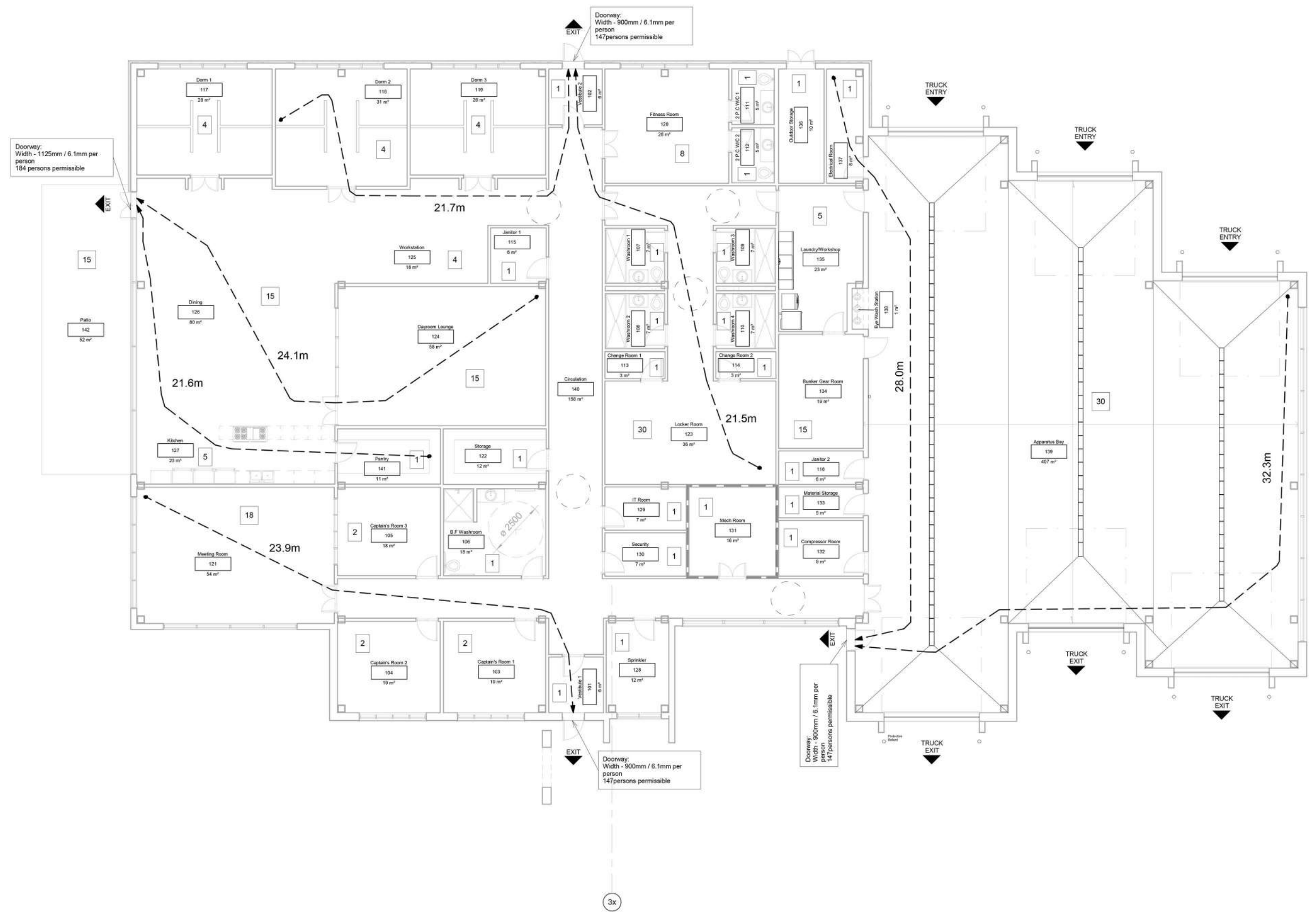
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LIFE SAFETY PLAN LEGEND

	1 HOUR FIRE RESISTANCE RATING
	TRAVEL DISTANCE / PATH OF TRAVEL
	EXIT
	# OF OCCUPANTS

Path of Travel Schedule			
Mark	Time	Speed	Length
Meeting Room	17.8 s	4.8 km/h	23872
Dormitory	16.2 s	4.8 km/h	21695
Dayroom Lounge	18.0 s	4.8 km/h	24141
Pantry	16.1 s	4.8 km/h	21646
Electrical Room	20.9 s	4.8 km/h	27989
Locker Room	16.0 s	4.8 km/h	21457
App. Bay	24.1 s	4.8 km/h	32274

ASSOCIATION:
Sheridan Architecture
 480 DIXIE OF YORK BOULEVARD
 MISSISSAUGA, ON L4X 1G9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY:
 HANNAH B. HADJE
 ENGINEER'S SIGNATURE

CHECKED BY:
 DWAIN RAFFICE

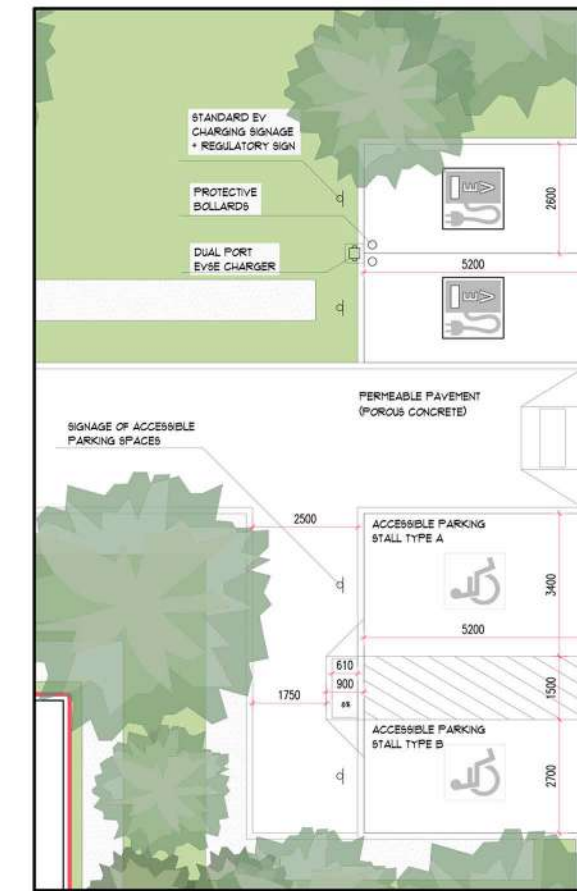
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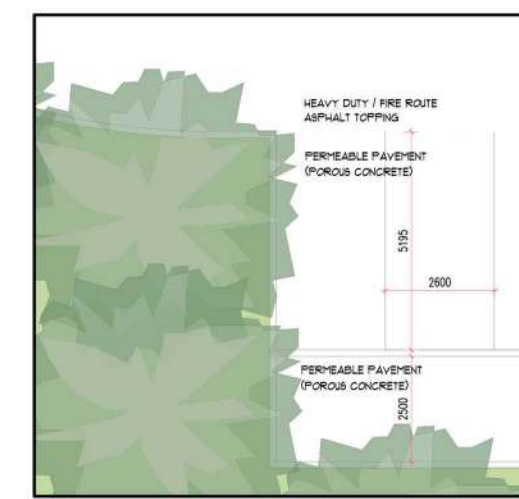
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ACCESSIBLE & EV CHARGING PARKING
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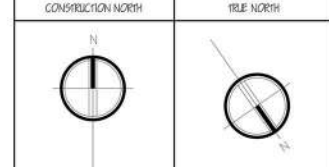


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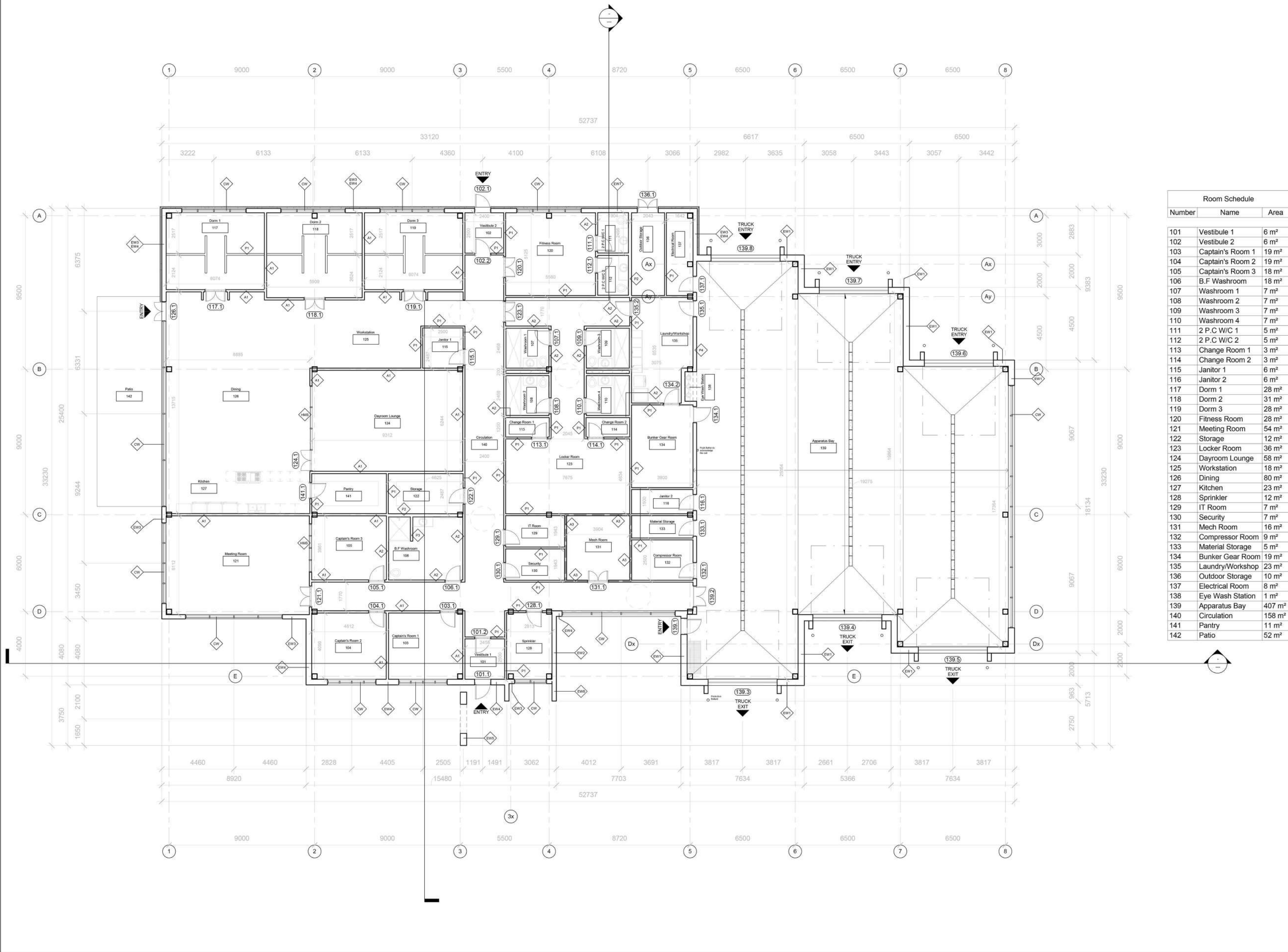
CONSTRUCTION NORTH		TRUE NORTH	
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1450 BURE OF YORK BOULEVARD MISSISSAUGA, ON L4W 0G6			
COMPANY NAME AND LOGO:			
PROJECT NAME AND LOCATION:			
FIRE STATION 101 MISSISSAUGA, ON			
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SITE PLAN			
SCALE:		SHEET NO.:	
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8M LANDSCAPE BUFFERZONE
C/O 1.3M LANDSCAPED BERM,
DECIDUOUS & CONIFEROUS TREES

8M LANDSCAPE BUFFERZONE
C/O 1.3M LANDSCAPED BERM,
DECIDUOUS & CONIFEROUS TREES



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Room Schedule

Number	Name	Area
101	Vestibule 1	6 m ²
102	Vestibule 2	6 m ²
103	Captain's Room 1	19 m ²
104	Captain's Room 2	19 m ²
105	Captain's Room 3	18 m ²
106	B.F. Washroom	18 m ²
107	Washroom 1	7 m ²
108	Washroom 2	7 m ²
109	Washroom 3	7 m ²
110	Washroom 4	7 m ²
111	2 P.C W/C 1	5 m ²
112	2 P.C W/C 2	5 m ²
113	Change Room 1	3 m ²
114	Change Room 2	3 m ²
115	Janitor 1	6 m ²
116	Janitor 2	6 m ²
117	Dorm 1	28 m ²
118	Dorm 2	31 m ²
119	Dorm 3	28 m ²
120	Fitness Room	28 m ²
121	Meeting Room	54 m ²
122	Storage	12 m ²
123	Locker Room	36 m ²
124	Dayroom Lounge	58 m ²
125	Workstation	18 m ²
126	Dining	80 m ²
127	Kitchen	23 m ²
128	Sprinkler	12 m ²
129	IT Room	7 m ²
130	Security	7 m ²
131	Mech Room	16 m ²
132	Compressor Room	9 m ²
133	Material Storage	5 m ²
134	Bunker Gear Room	19 m ²
135	Laundry/Workshop	23 m ²
136	Outdoor Storage	10 m ²
137	Electrical Room	8 m ²
138	Eye Wash Station	1 m ²
139	Apparatus Bay	407 m ²
140	Circulation	158 m ²
141	Pantry	11 m ²
142	Patio	52 m ²

ASSOCIATION:
Sheridan Architecture
 480 DIXIE OF YORK BOULEVARD
 MISSISSAUGA, ON L4X 1L9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY:
 HANNAH B. HADGE
 ENGINEER'S SIGNATURE

CHECKED BY:
 DWAIN RAYZIE

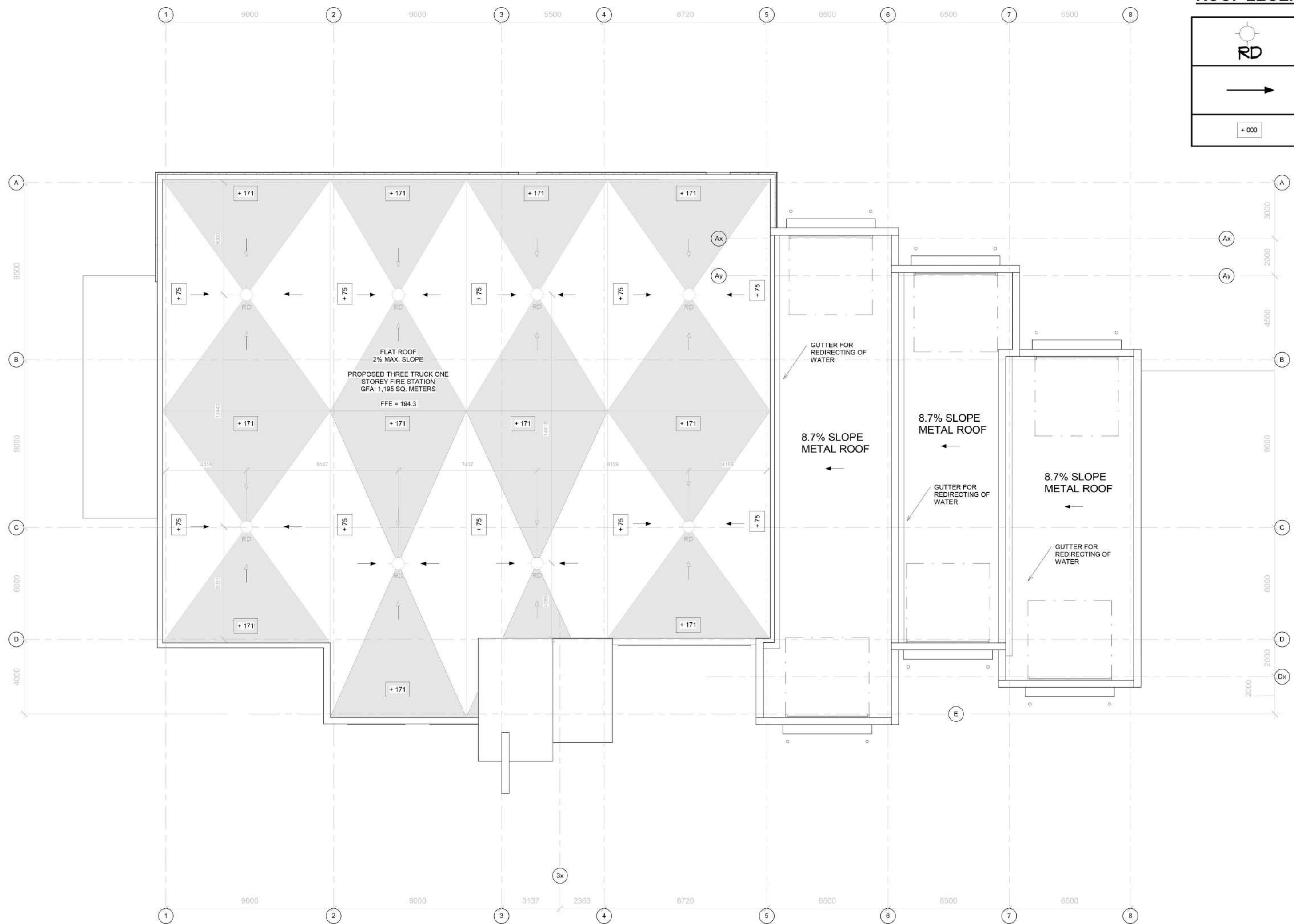
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SCALE:
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REVISION:
 001

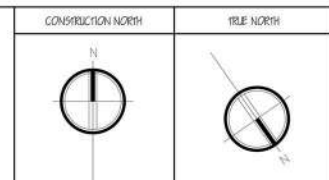
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SHEET NO.
 A-101



ROOF LEGEND

	ROOF DRAIN
	DIRECTION OF SLOPE
	ELEVATION POINT



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ASSOCIATION:
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 480 DIXIE OF YORK BOULEVARD
 MISSISSAUGA, ON L4X 1G9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY: HANWAP U. HAQUE
 ENGINEER'S SIGNATURE

CHECKED BY: DWAIN RAJICE

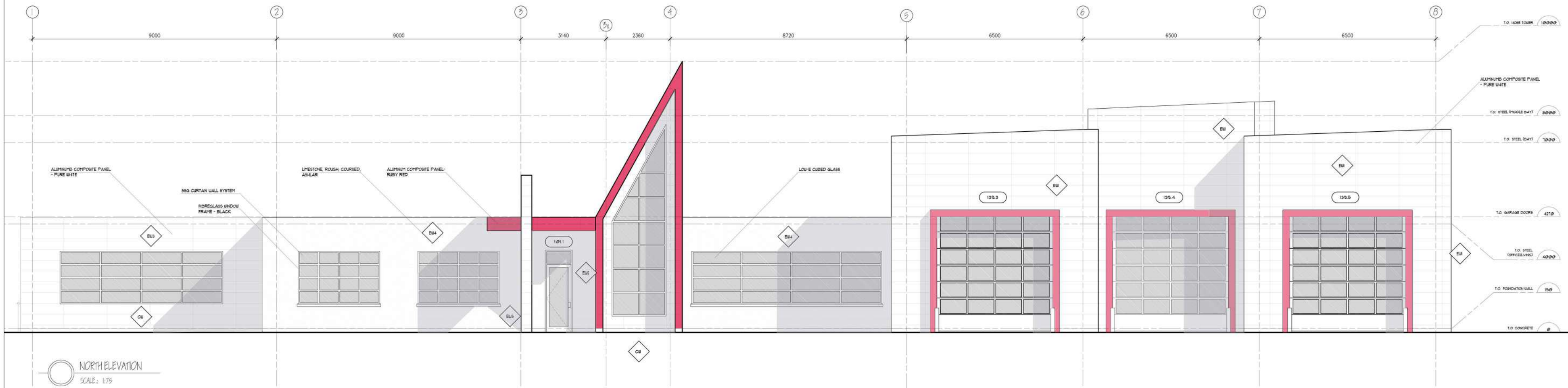
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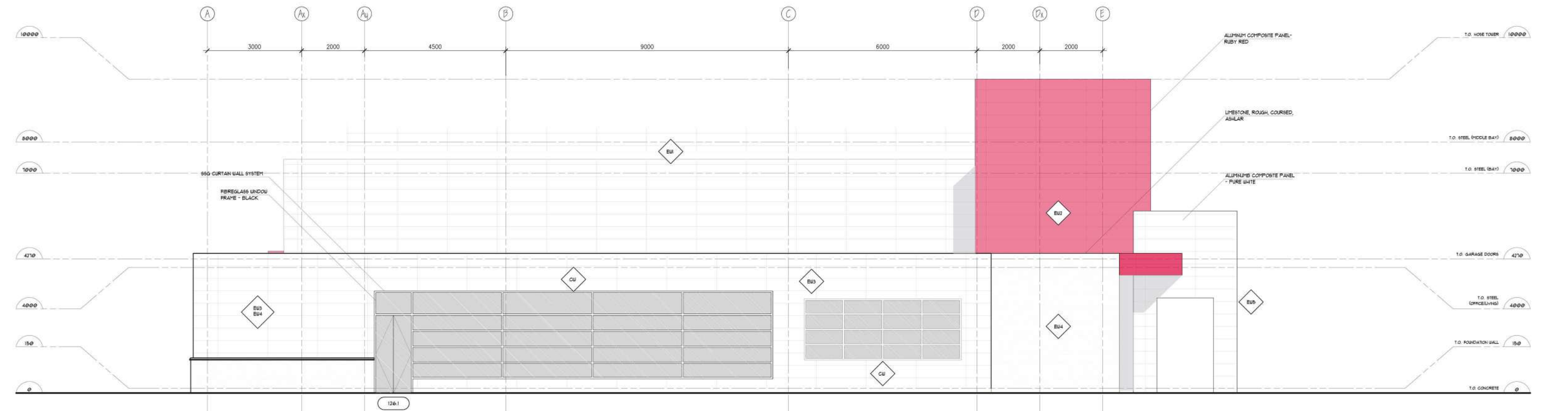
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NORTH ELEVATION
SCALE: 1/75



EAST ELEVATION
SCALE: 1/75

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ASSOCIATION:
Sheridan
 Architecture
 4800 RUE OF YORK, SUITE 100
 MISSISSAUGA, ON L4W 1G9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DESIGNED BY:
 HANWU LI, PAOLO
 BRUNA, NERAZZO SCUDERA

DRAWN BY:
 PAUL ENIQUE

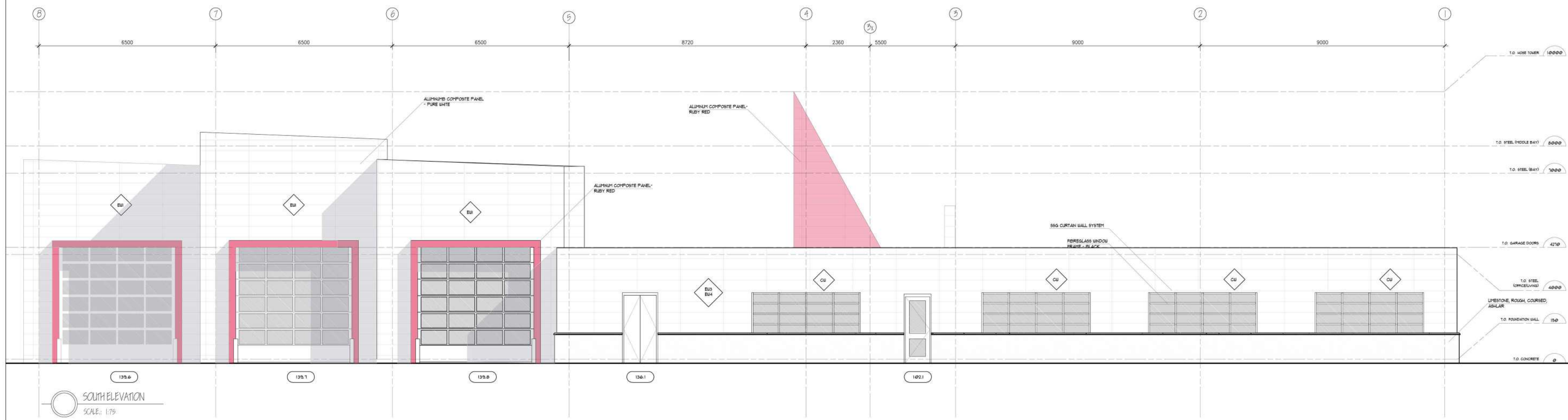
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ELEVATIONS

SCALE:
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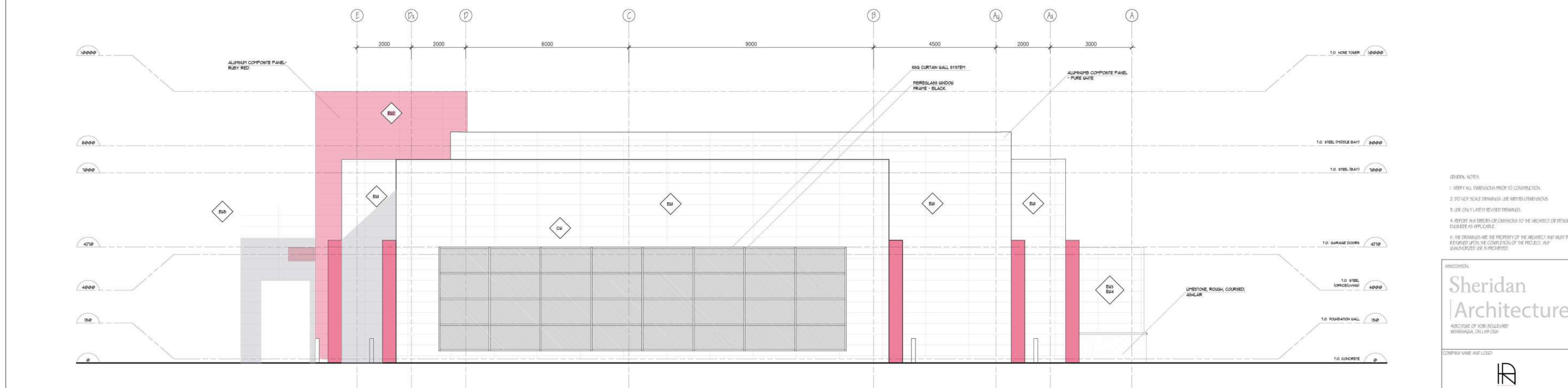
REVISION:
 001

SHEET NO. / SHEET TOTAL:
 A-201 / A-201

DATE DRAWN:
 2022.08.19



SOUTH ELEVATION
SCALE: 1:75



WEST ELEVATION
SCALE: 1:75

- GENERAL NOTES
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ASSOCIATION:
Sheridan
 Architecture
 4800 RUE OF YORK, SUITE 100
 MISSISSAUGA, ON L4W 1G9

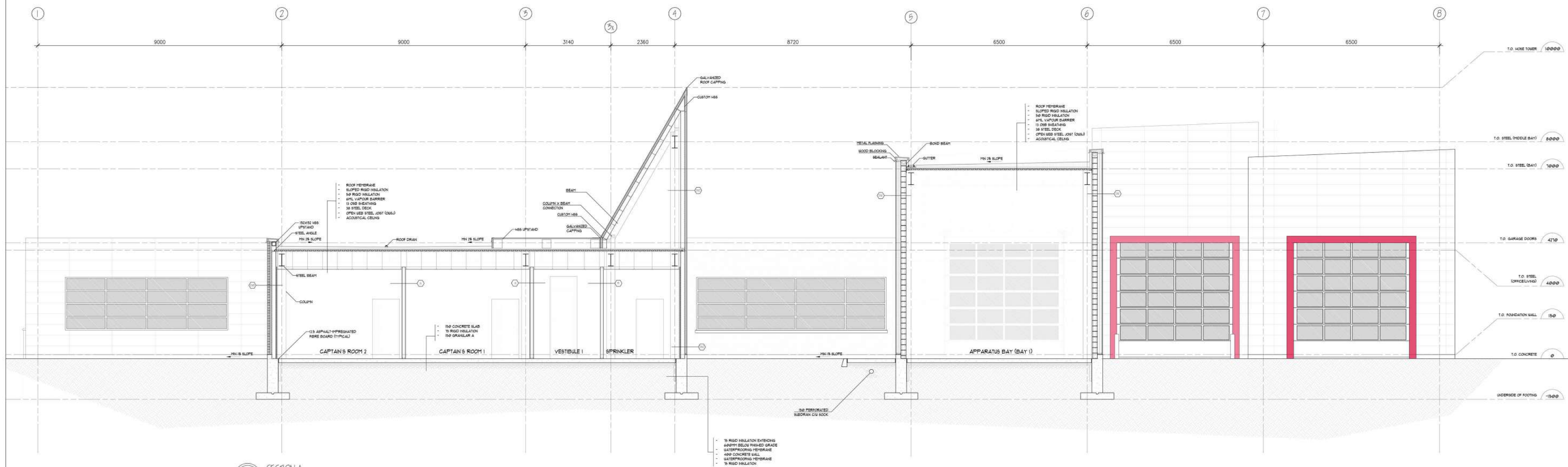


PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

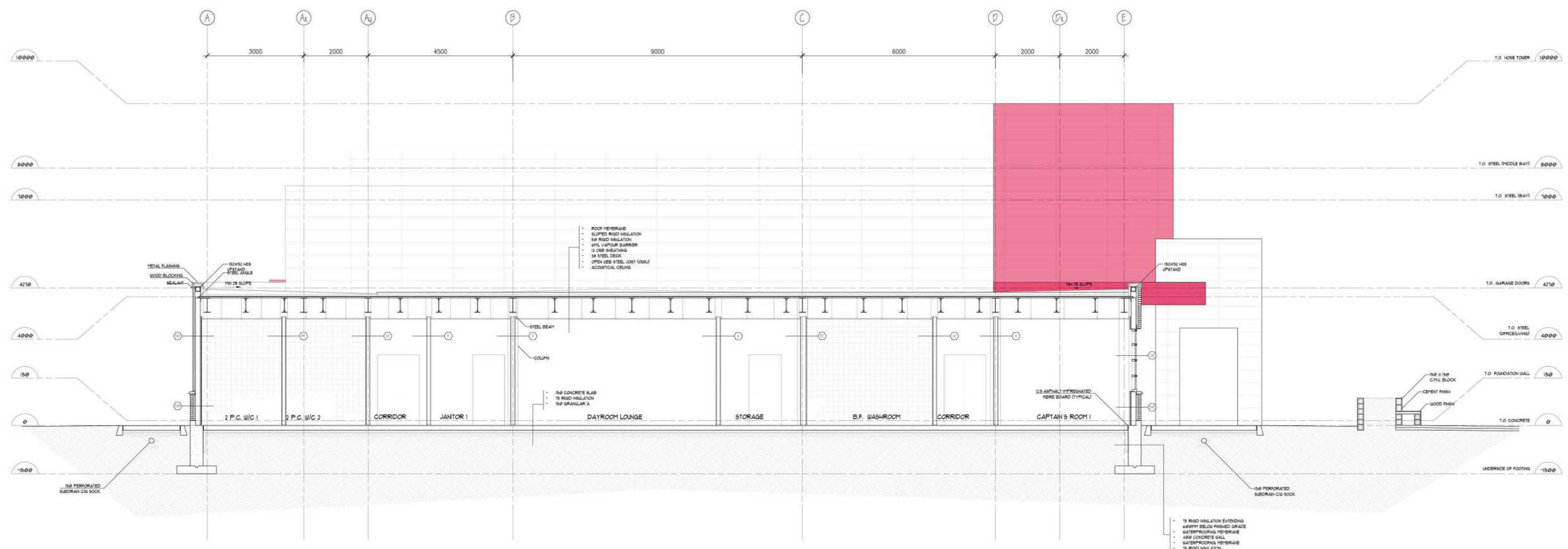
DRAWN BY: HANWANG LI, PAOLO BISSA, NEREDIS AGUIRRA
 CHECKED BY: SHAWN BRIDGEMAN

SHEET TITLE:
ELEVATIONS

SCALE: 1:75
 SHEET NO.: A-202
 DATE: 2022.05.19



SECTION A
SCALE: 1/75



SECTION B
SCALE: 1/75

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ASSOCIATION:
**Sheridan
Architecture**
4830 RUE OF YORK, SUITE 100
MISSISSAUGA, ON L4W 1G9

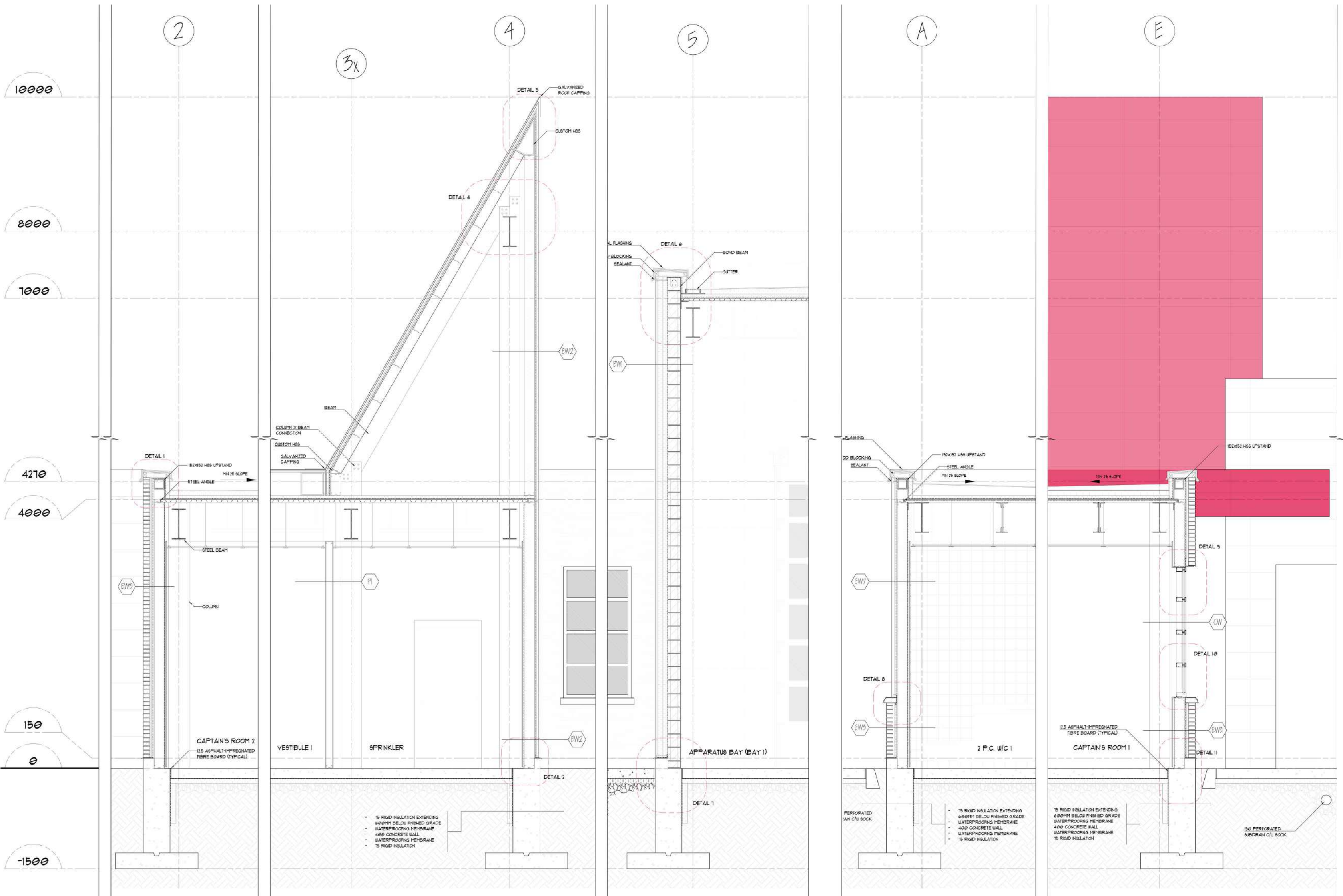


PROJECT NAME AND LOCATION:
FIRE STATION 101
MISSISSAUGA, ON

DRAWN BY: HANWU LI, PAOLO BRUSA, NEVILDA SUCURIA
CHECKED BY: DANIEL ENIGLE

SHEET TITLE:
SECTIONS

SCALE: 1/75
SHEET NO.: A-301
REVISION: 001 DATE: 2023.08.02



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ASSOCIATION:

Sheridan
Architecture

4830 RUE OF YORK, SUITE 100
MISSISSAUGA, ON L4W 1G9



PROJECT NAME AND LOCATION:

FIRE STATION 101
MISSISSAUGA, ON

DESIGNED BY: HANWU LI, PAUL BISSA, NAGESH SIVAKUMAR
DRAWN BY: DANIEL ENRIQUE

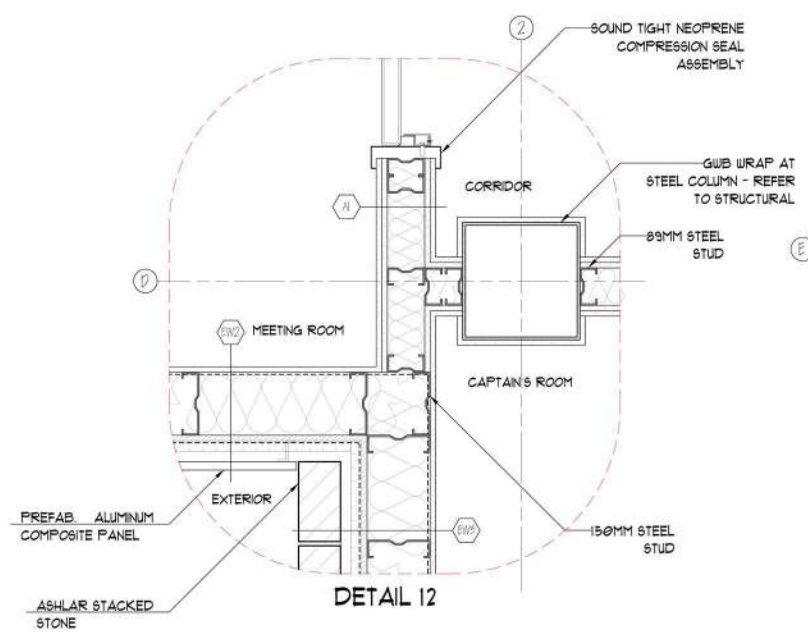
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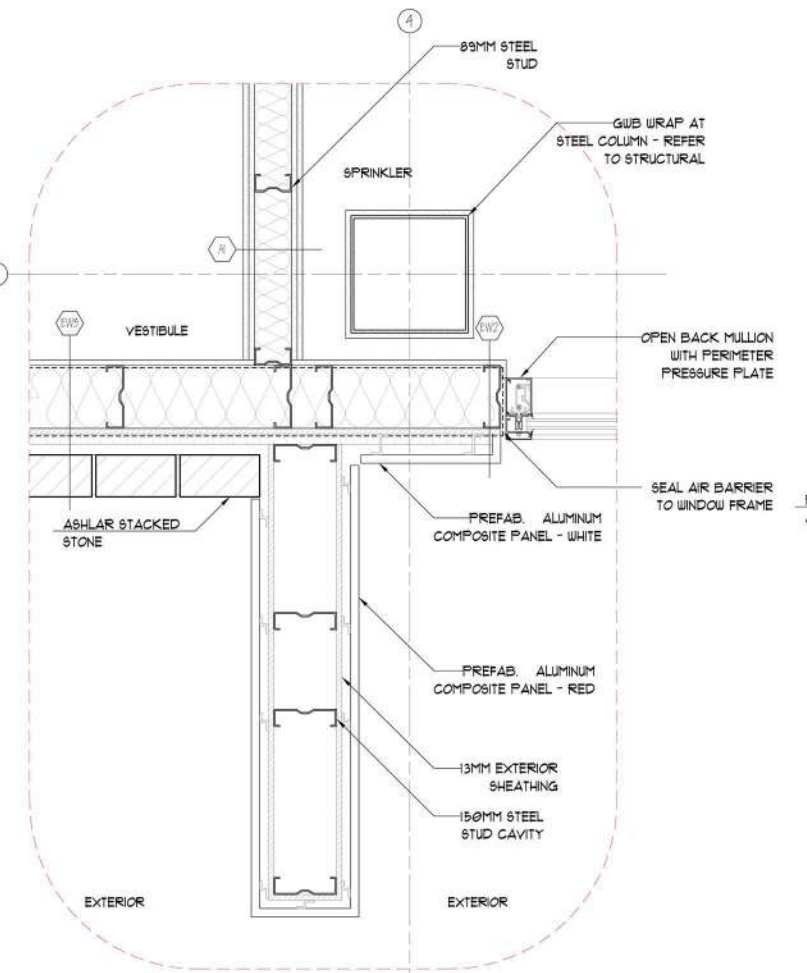
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DATE: 2023.08.02

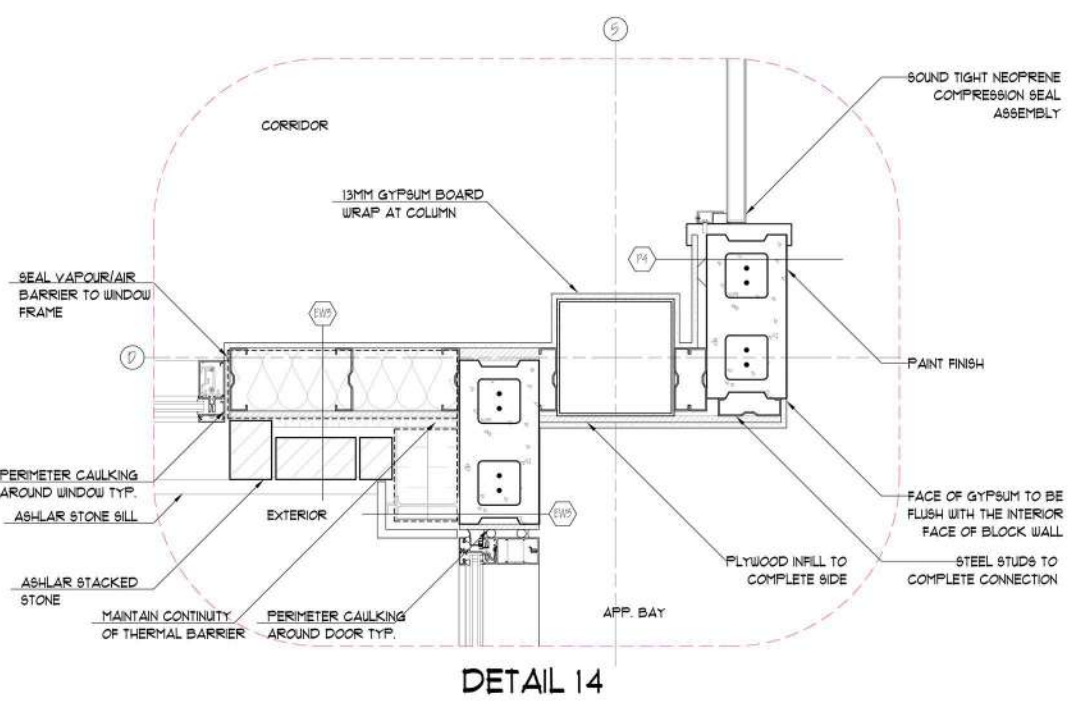
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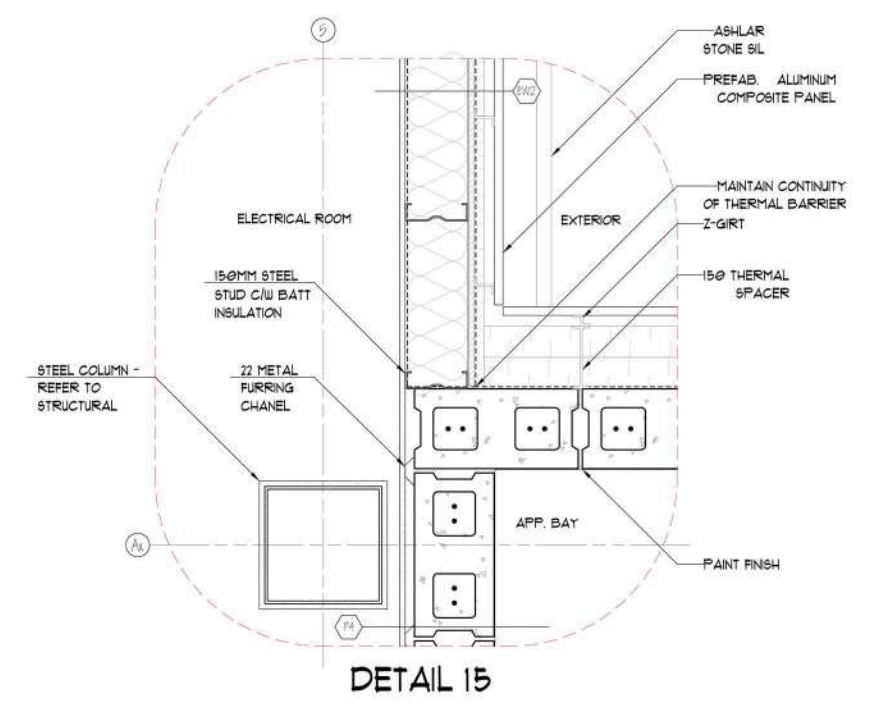
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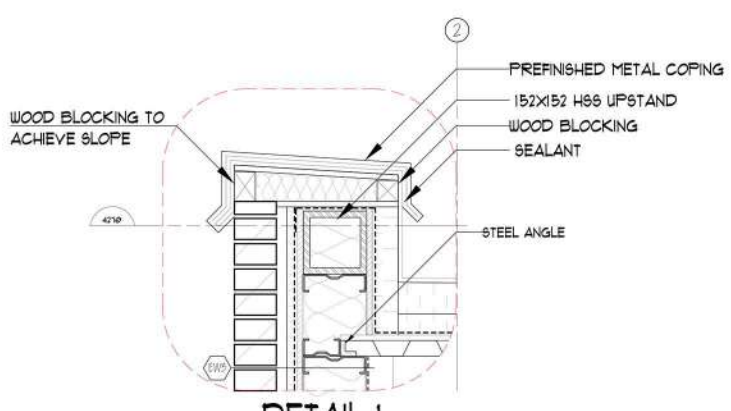
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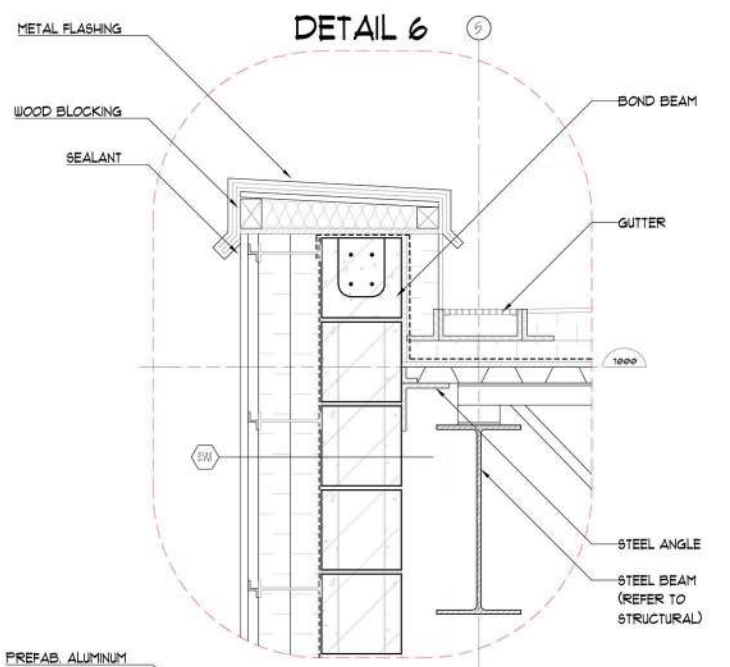
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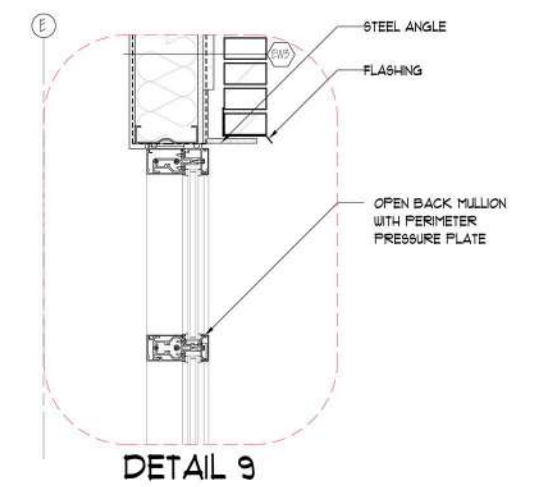
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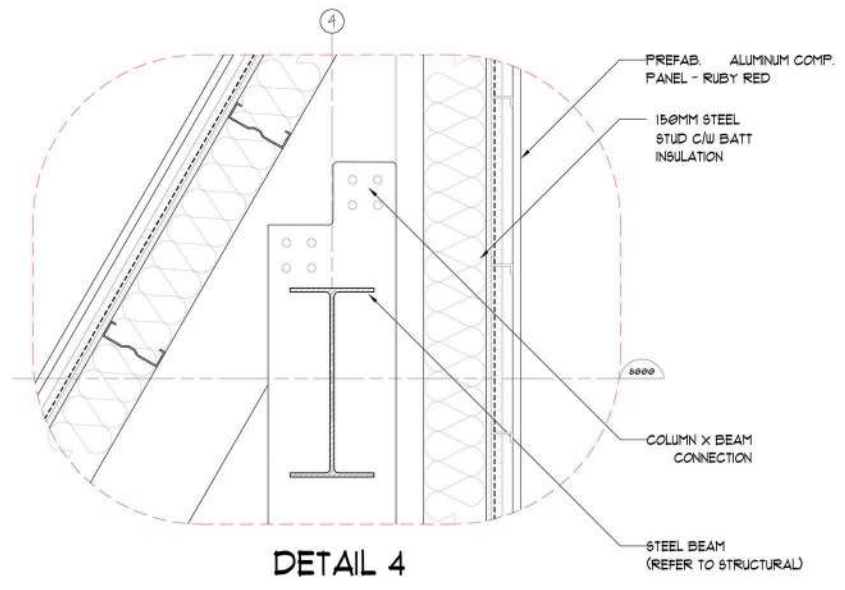
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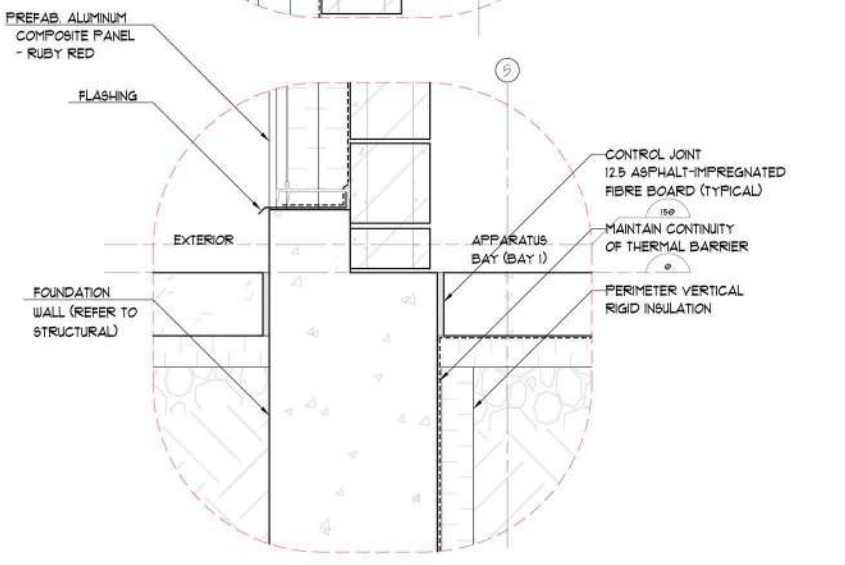
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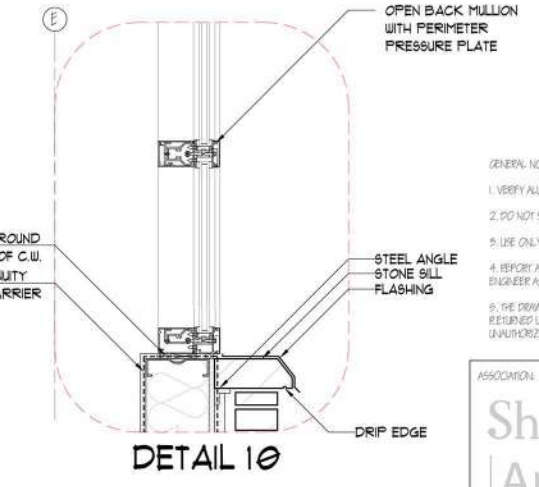
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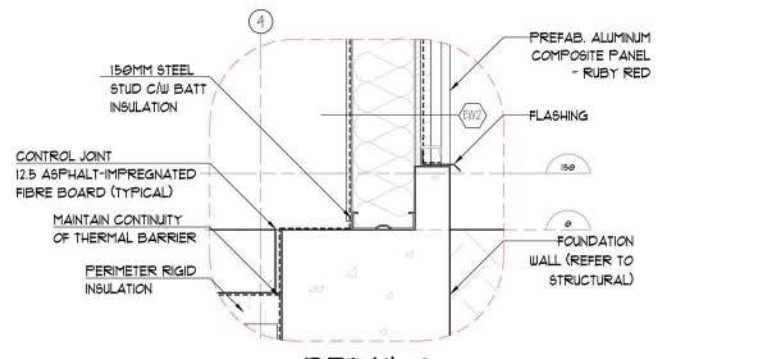
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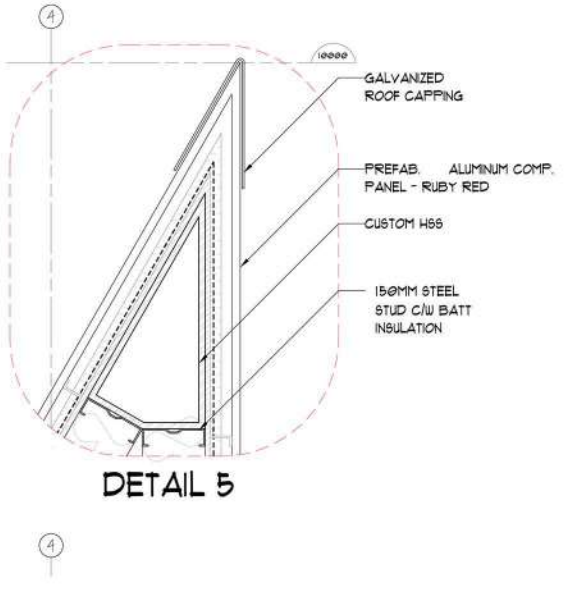
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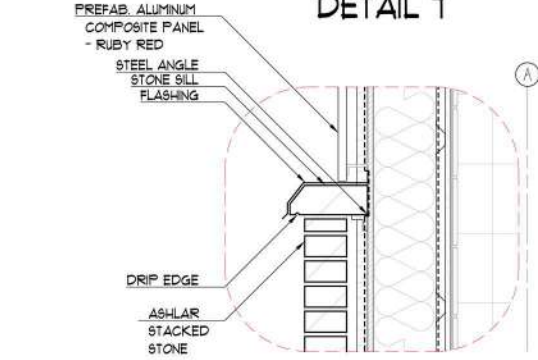
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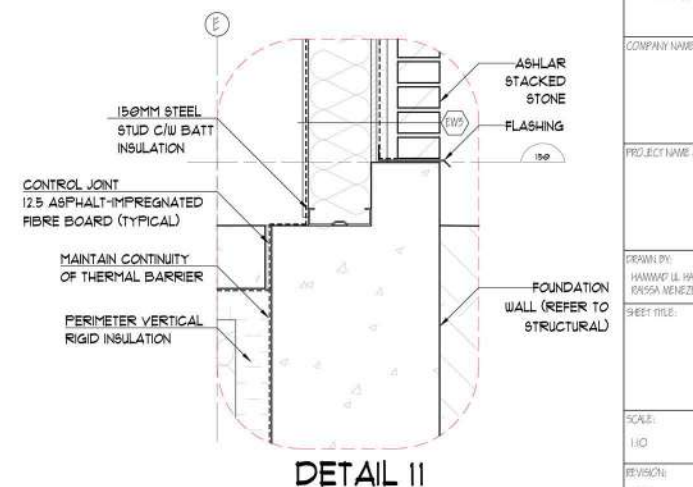
DETAIL 2



DETAIL 5



DETAIL 8



DETAIL 11

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ASSOCIATION:
Sheridan Architecture
 4830 RUE OF YORK, SUITE 100
 MISSISSAUGA, ON L4W 1G9

COMPANY NAME AND LOGO:

PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DESIGNED BY:
 HANWU LI, PAOLO BRUSA, NERAZZO SCURIA

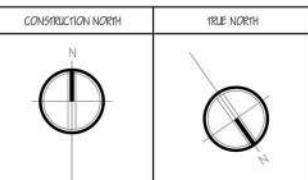
DRAWN BY:
 DANIEL ENRIQUE

SHEET TITLE:
DETAILS

SCALE:
 1:10

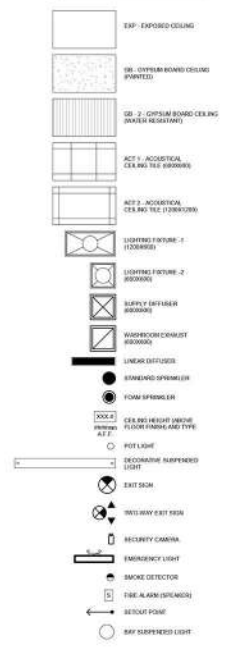
DATE:
 2022.08.11

SHEET NO.
A-501

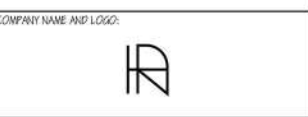


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LEGEND



ASSOCIATION:
Sheridan Architecture
 480 DUKE OF YORK BULLEWAR
 MISSISSAUGA, ON L4Y 0G9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY: **HANWAP U. HAQUE**
 ENGINEER'S SIGNATURE
 CHECKED BY: **DANIEL RAYFIE**

SHEET TITLE:
REFLECTED CEILING PLAN

SCALE: 1:100
 SHEET NO.: **A-502**

Door Schedule										
Mark	From Room: Name	To Room: Name	Width	Height	Thickness	Door Material	Frame Material	Fire Rating	Sound Transmission Class	Comments
101.1	Vestibule 1	Exterior	900	2500	45	Aluminium	Aluminium	-	-	
101.2	Circulation	Vestibule 1	900	2500	45	Aluminium	Aluminium	-	-	
102.1	Vestibule 2	Exterior	900	2450	45	Aluminium	Aluminium	-	-	
102.2	Circulation	Vestibule 2	900	2100	45	Aluminium	Aluminium	-	-	
103.1	Circulation	Captain's Room 1	900	2100	45	Hollow Metal	Hollow Metal	-	50	
104.1	Circulation	Captain's Room 2	900	2100	45	Hollow Metal	Hollow Metal	-	50	
105.1	Circulation	Captain's Room 3	900	2100	45	Hollow Metal	Hollow Metal	-	50	
106.1	Circulation	B.F Washroom	900	2100	45	Hollow Metal	Hollow Metal	-	45	
107.1	Circulation	Washroom 1	900	2100	45	Hollow Metal	Hollow Metal	-	45	
108.1	Circulation	Washroom 2	900	2100	45	Hollow Metal	Hollow Metal	-	45	
109.1	Circulation	Washroom 3	900	2100	45	Hollow Metal	Hollow Metal	-	45	
110.1	Circulation	Washroom 4	900	2100	45	Hollow Metal	Hollow Metal	-	45	
111.1	Fitness Room	2 P.C W/C 1	900	2100	45	Hollow Metal	Hollow Metal	-	45	
112.1	Fitness Room	2 P.C W/C 2	900	2100	45	Hollow Metal	Hollow Metal	-	45	
113.1	Locker Room	Change Room 1	900	2100	45	Hollow Metal	Hollow Metal	-	-	
114.1	Locker Room	Change Room 2	900	2100	45	Hollow Metal	Hollow Metal	-	-	
115.1	Circulation	Janitor 1	900	2100	45	Hollow Metal	Hollow Metal	-	-	
116.1	Apparatus Bay	Janitor 2	900	2100	45	Hollow Metal	Hollow Metal	-	-	
117.1	Circulation	Dorm 1	1200	2100	45	Hollow Metal	Hollow Metal	-	50	
118.1	Circulation	Dorm 2	1200	2100	45	Hollow Metal	Hollow Metal	-	50	
119.1	Circulation	Dorm 3	1200	2100	45	Hollow Metal	Hollow Metal	-	50	
120.1	Circulation	Fitness Room	1200	2100	45	Hollow Metal	Hollow Metal	-	-	
121.1	Circulation	Meeting Room	1200	2100	45	Aluminium	Aluminium	-	50	
122.1	Circulation	Storage	900	2100	45	Hollow Metal	Hollow Metal	-	-	
123.1	Circulation	Circulation	1200	2100	45	Hollow Metal	Hollow Metal	-	-	
124.1	Dayroom Lounge	Dining	1247	2075	40	Hollow Metal	Hollow Metal	-	50	
126.1	Circulation	Patio	1125	2475	45	Aluminium	Aluminium	-	-	
128.1	Circulation	Sprinkler	900	2100	45	Hollow Metal	Hollow Metal	-	-	
129.1	Circulation	IT Room	900	2100	45	Hollow Metal	Hollow Metal	-	-	
130.1	Circulation	Security	900	2100	45	Hollow Metal	Hollow Metal	-	-	
131.1	Circulation	Mech Room	1200	2100	45	Hollow Metal	Hollow Metal	45 min	45	
132.1	Apparatus Bay	Compressor Room	900	2100	45	Hollow Metal	Hollow Metal	-	-	
133.1	Apparatus Bay	Material Storage	900	2100	45	Hollow Metal	Hollow Metal	-	-	
134.1	Bunker Gear Room	Apparatus Bay	900	2100	45	Hollow Metal	Hollow Metal	-	-	
134.2	Bunker Gear Room	Laundry/Workshop	900	2100	45	Hollow Metal	Hollow Metal	-	-	
135.1	Apparatus Bay	Laundry/Workshop	900	2100	45	Hollow Metal	Hollow Metal	-	-	
135.2	Laundry/Workshop	Circulation	900	2100	45	Hollow Metal	Hollow Metal	-	-	
136.1	Outdoor Storage	Exterior	1200	2500	45	Hollow Metal	Hollow Metal	-	-	
137.1	Apparatus Bay	Electrical Room	900	2100	45	Hollow Metal	Hollow Metal	-	-	
139.1	Exterior	Apparatus Bay	900	2100	45	Hollow Metal	Hollow Metal	-	-	
139.2	Circulation	Apparatus Bay	1200	2100	45	Hollow Metal	Hollow Metal	-	-	
139.3	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
139.4	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
139.5	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
139.6	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
139.7	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
139.8	Apparatus Bay	Exterior	4270	4270	40	Hollow Metal	Hollow Metal	-	-	
141.1	Kitchen	Pantry	900	2100	45	Hollow Metal	Hollow Metal	-	-	
Grand total: 51										

Room Finish Schedule							
Number	Name	Floor Finish	Wall Finish	Ceiling Finish	Ceiling Height	Area	Comments
101	Vestibule 1	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	6 m²	
102	Vestibule 2	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	6 m²	
103	Captain's Room 1	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	19 m²	
104	Captain's Room 2	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	19 m²	
105	Captain's Room 3	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	18 m²	
106	B.F Washroom	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	18 m²	
107	Washroom 1	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	7 m²	
108	Washroom 2	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	7 m²	
109	Washroom 3	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	7 m²	
110	Washroom 4	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	7 m²	
111	2 P.C W/C 1	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	5 m²	
112	2 P.C W/C 2	Ceramic Tile	Ceramic Tile	Painted Gypsum	3300mm	5 m²	
113	Change Room 1	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	3 m²	
114	Change Room 2	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	3 m²	
115	Janitor 1	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	6 m²	
116	Janitor 2	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	6 m²	
117	Dorm 1	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	28 m²	
118	Dorm 2	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	31 m²	
119	Dorm 3	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	28 m²	
120	Fitness Room	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	28 m²	
121	Meeting Room	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	54 m²	
122	Storage	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	12 m²	
123	Locker Room	Polished Concrete	Painted Gypsum	Acoustical Ceiling Tile	3300mm	36 m²	
124	Dayroom Lounge	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	58 m²	
125	Workstation	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	18 m²	
126	Dining	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	80 m²	
127	Kitchen	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	23 m²	
128	Sprinkler	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	12 m²	
129	IT Room	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	7 m²	
130	Security	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	7 m²	
131	Mech Room	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	16 m²	
132	Compressor Room	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	9 m²	
133	Material Storage	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	5 m²	
134	Bunker Gear Room	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	19 m²	
135	Laundry/Workshop	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	23 m²	
136	Outdoor Storage	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	10 m²	
137	Electrical Room	Unfinished Concrete	Painted Gypsum	Painted Gypsum	3300mm	8 m²	
138	Eye Wash Station	Unfinished Concrete	Paint Finish	Exposed Ceiling	-	1 m²	
139	Apparatus Bay	Unfinished Concrete	Paint Finish	Exposed Ceiling	-	407 m²	
140	Circulation	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	130 m²	
141	Pantry	Polished Concrete	Painted Gypsum	Painted Gypsum	3300mm	11 m²	
142	Patio	Cherry Wood	-	-	-	52 m²	
Grand total: 42							

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ASSOCIATION:



COMPANY NAME AND LOGO:



PROJECT NAME AND LOCATION:

FIRE STATION 101
MISSISSAUGA, ON

DRAWN BY: HARWARD LI HAOE
ROSSA WEEBOS KAGERA

CHECKED BY: DANIEL RAYQUE

SHEET TITLE:

ROOM FINISH AND DOOR SCHEDULES

SCALE:

NIS

REVISION:

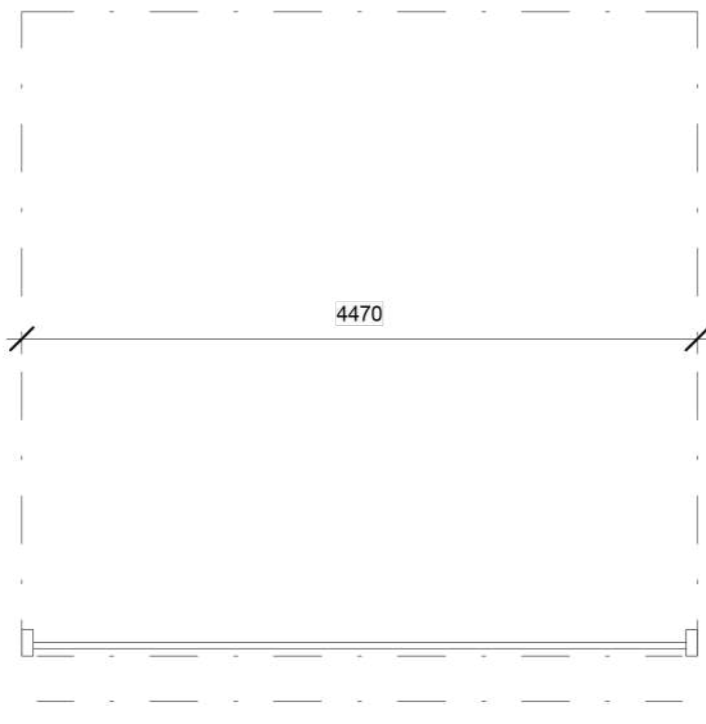
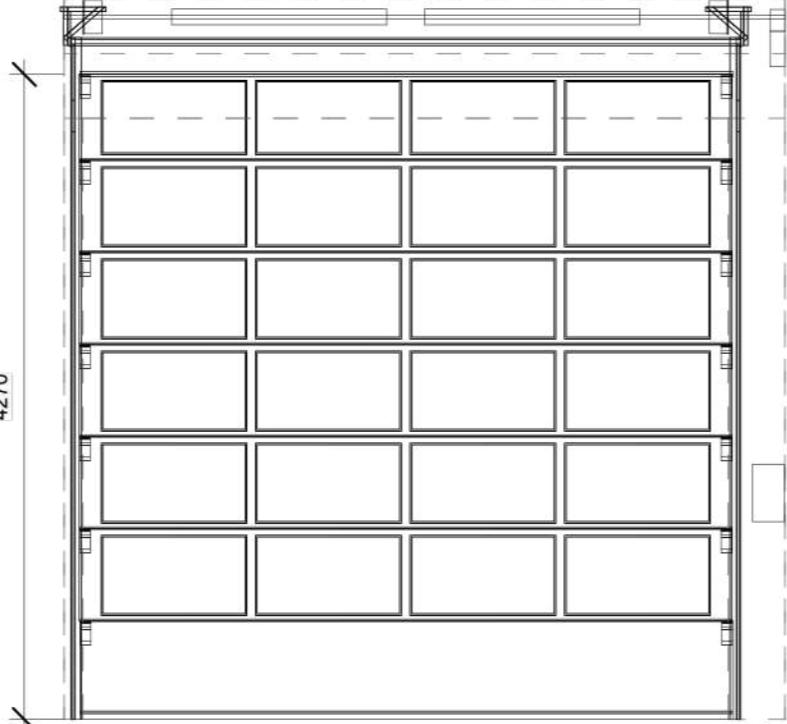
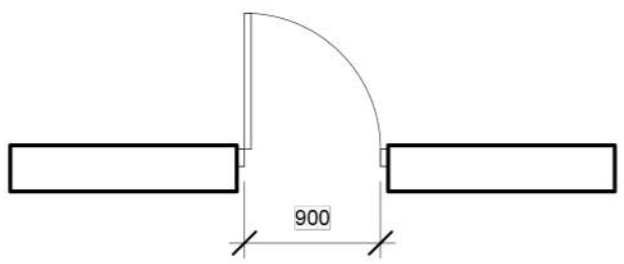
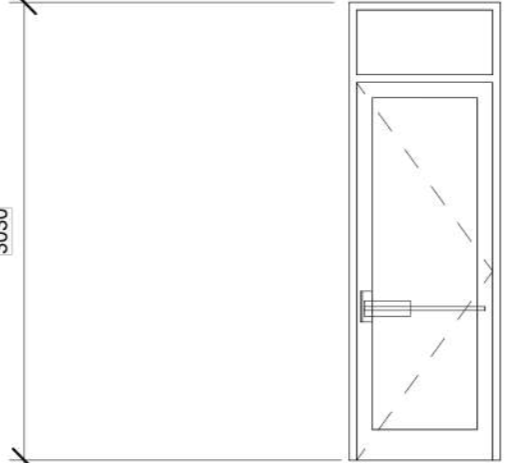
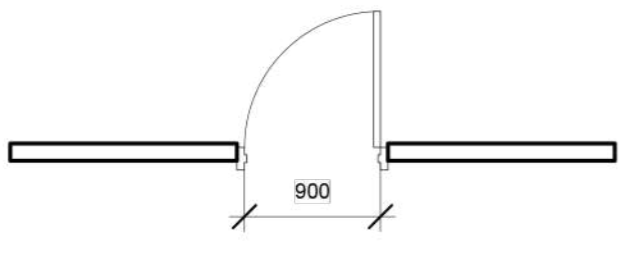

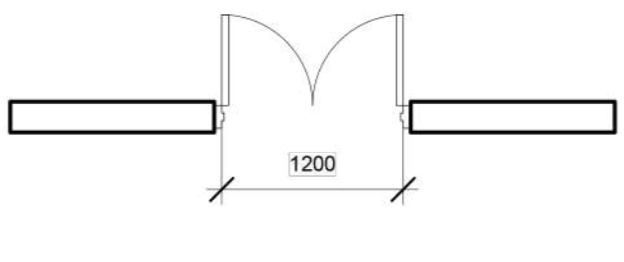
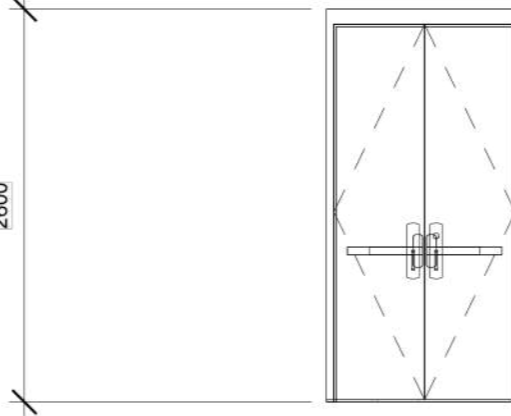
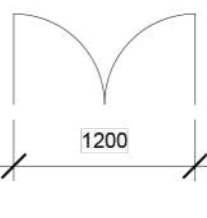
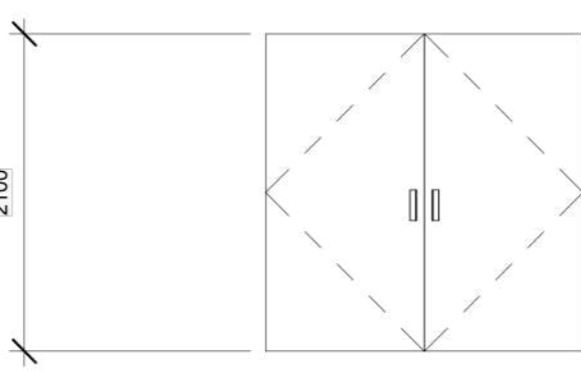
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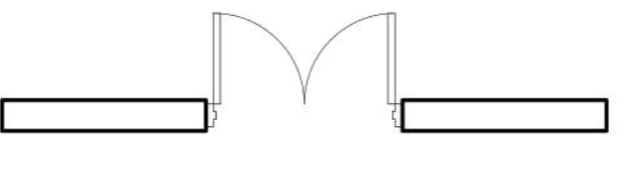
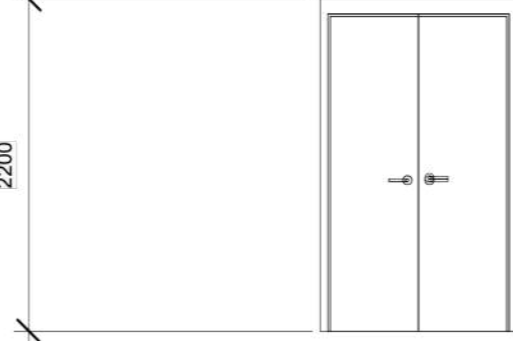
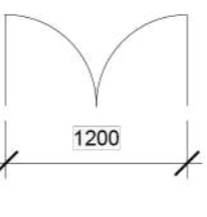
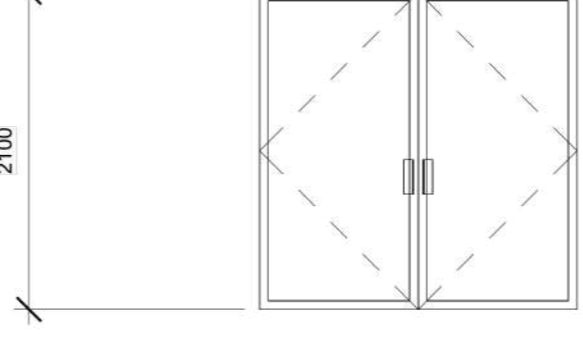
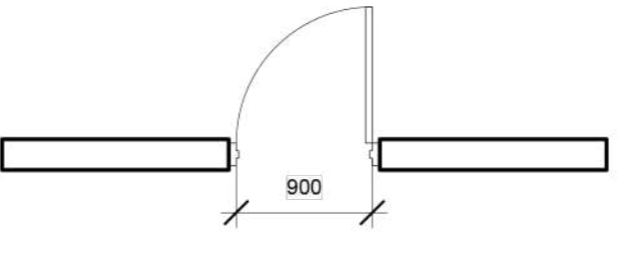
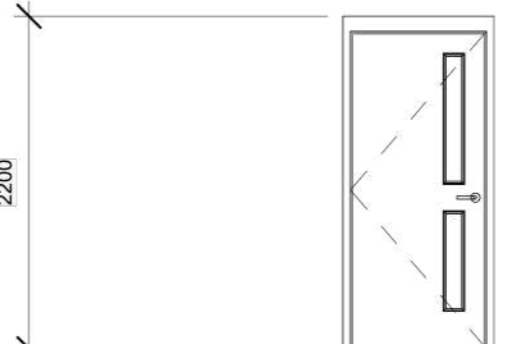
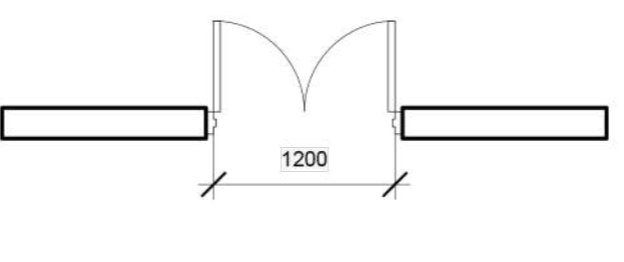
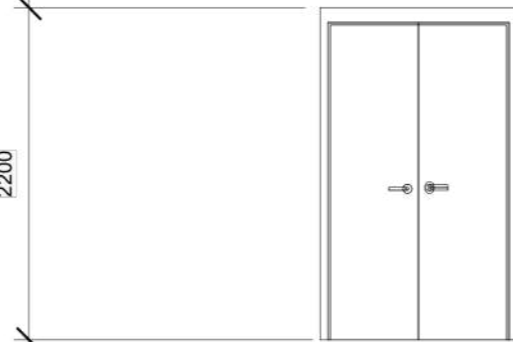
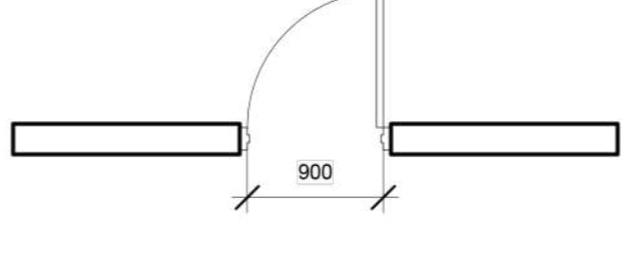
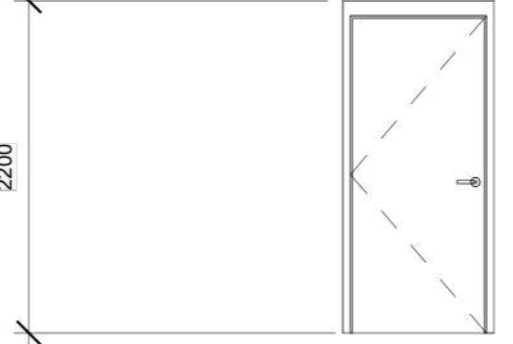
SHEET NO.:

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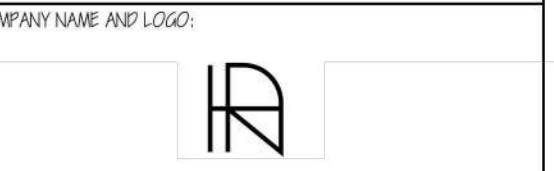
2023-08-11

DOOR LEGEND		
NAME	FLOOR PLAN VIEW	ELEVATION VIEW
Sectional Overhead Door		
Single Exterior Aluminum Door w/ Transom		
Exterior Single Two Lite		
Door Exterior Double		
Curtain Wall Double Glass		

DOOR LEGEND		
NAME	FLOOR PLAN VIEW	ELEVATION VIEW
Passage Double Flush (Orange)		
Curtain Wall Double Storefront		
Passage Single Two Lite Narrow (Red)		
Passage Double Flush (White)		
Passage Single Flush		

- GENERAL NOTES:
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 2. DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS.
 3. USE ONLY LATEST REVISED DRAWINGS.
 4. REPORT ANY ERRORS OR OMISSIONS TO THE ARCHITECT OR DESIGN ENGINEER AS APPLICABLE.
 5. THE DRAWINGS ARE THE PROPERTY OF THE ARCHITECT AND MUST BE RETURNED UPON THE COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE IS PROHIBITED.

ASSOCIATION:
Sheridan
 Architecture
 4180 DUKE OF YORK BOULEVARD
 MISSISSAUGA, ON L4B 0G9



PROJECT NAME AND LOCATION:
FIRE STATION 101
 MISSISSAUGA, ON

DRAWN BY: HANMAY LL. HAQUE
 PAVNA MEHTA'S SQUERA

CHECKED BY: PAVNEL RAJOOE

SHEET TITLE:
DOOR LEGEND

SCALE:
 N.T.S.

REVISION:
 001

DATE DRAWN:
 2022.07.17

SHEET NO:
A-602