

MAJOR PROJECT PHASE 2

TEAM #5 - MARY ABUELFARAG, SIMRAN SANDHU

APRIL 16TH, 2021

ARCHITECTURAL STUDIO 4 - ARCH30048



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MAJOR PROJECT PHASE 2

ARCH 30043 ARCHITECTURAL STUDIO 4

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.
6. COORDINATE ALL WORK WITH ARCHITECTURAL DRAWING AND SPECIFICATIONS.
7. CONTRACTOR AND SUB-CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS, LOCATIONS, AND PROJECT REQUIREMENTS PRIOR TO SUBMITTING A BID.
8. CONTRACTOR AND SUB-CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND FAMILIARIZE THEMSELVES WITH PROJECT REQUIREMENTS PRIOR TO COMMENCING WITH THE WORK. CONTRACTOR SHALL REPORT ANY DISCREPANCIES TO ARCHITECT.
9. WORK SHALL INCLUDE ALL REQUIRED PERMITS, LABOR, MATERIALS, AND EQUIPMENT TO COMPLETE ALL WORK INDICATED ON DRAWINGS AND AS NECESSARY FOR A COMPLETE PROJECT.
10. GENERAL CONTRACTOR TO PATCH, REPAIR AND PAINT(REFINISH) SURFACES AND BUILDING ELEMENTS DAMAGED BY MECHANICAL, ELECTRICAL AND PLUMBING WORK AND WHERE ITEMS ARE REMOVED, RELOCATED OR ADDED.
11. ALL PAINTING SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER;S SPECIFICATIONS. CONTRACTOR IS RESPONSIBLE FOR PROTECTING ADJACENT FINISHES AND CLEANUP.
12. CONTRACTOR IS RESPONSIBLE FOR FINAL CLEANUP OF WORK AREA AND ALL EXPOSED BUILDING SURFACES AT SUBSTANTIAL COMPLETION.
13. ALL TRASH AND TOOLS SHALL BE REMOVED FROM PREMISES EACH DAY AND THE AREA LEFT CLEAN WHENEVER UNATTENDED. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANUP. COORDINATE WITH OWNER IF SECURE STORAGE IS NEEDED ONSITE.
14. ALL WORK SHALL BE DONE IN ACCORDANCE WITH APPLICABLE CODES AND STANDARDS.

DRAWING INDEX - DRAWING SET ROLES

GENERAL

3D MODEL & REVIT AUTOCAD	SIMRAN SANDHU SIMRAN SANDHU MARY ABUELFARAG
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ARCHITECTURAL

A0SP SITE PLAN	SIMRAN SANDHU
A001 OBC MATRIX	MARY ABUELFARAG
A002 WALL PARTITIONS	MARY ABUELFARAG
A101 GROUND FLOOR PLAN	SIMRAN SANDHU
A102 LIFE SAFETY FLOOR PLAN	SIMRAN SANDHU
A104 ROOF PLAN	SIMRAN SANDHU
A201 NORTH/ SOUTH ELEVATIONS	SIMRAN SANDHU
A202 SOUTH/ WEST ELEVATIONS	SIMRAN SANDHU
A301 BUILDING SECTION 1	MARY ABUELFARAG
A302 BUILDING SECTION 2	SIMRAN SANDHU
A303 WALL SECTION 1	MARY ABUELFARAG
A304 WALL SECTION 2	SIMRAN SANDHU
A401 REFLECTED CEILING PLAN	SIMRAN SANDHU
A501 PLAN DETAIL 1	MARY ABUELFARAG
A502 PLAN DETAIL 2	SIMRAN SANDHU
A503 SECTION DETAIL 1	MARY ABUELFARAG
A504 SECTION DETAIL 2	SIMRAN SANDHU
A601 ROOM FINISH SCHEDULE	MARY ABUELFARAG
A6012 DOOR SCHEDULE & LEGEND	MARY ABUELFARAG

LIST OF APPROVED CONSULTANTS

DESIGNERS & ARCHITECTS

SIMRAN SANDHU -
MONARCH ARCHITECTURE
MARY ABUELFARAG
STRUCTURAL

BOLA ENGINEERING INC.

MECHANICAL

MAPLEVIEW LTD.

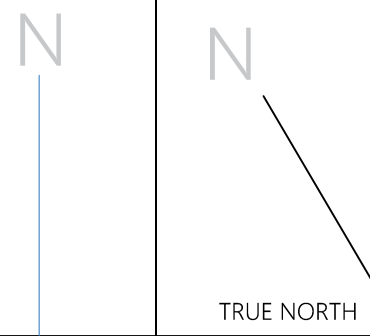
PLUMBING

MJS PLUMBING

ELECTRICAL

ALL PRO ELECTRICAL
MS ELECTRIC
ROGERS COMMUNICATION

NINTH LINE ROAD



SYMBOL LEGEND

	LANDSCAPE TREES
	LANDSCAPE BUSHES/SHRUBS/TREES
	FLAG POLE STONE FRAME STEP

SYMBOL LEGEND

SYMBOL	DEF.
	Catch Basin W/ SLOPE% & LINES
	ELECTRIC VEHICLE CHARGING STATION
	ADJUSTMENT CONTOURS
	FLAG POLE
	FIRE HYDRANT
	BOLLARDS



EMERGENCY RESPONSE STATION SITE
 SITE AREA: 2.22 ha 5.49 ac

SHERIDAN | ARCHITECTURE
 FACULTY OF APPLIED SCIENCE AND TECHNOLOGY
 ARCH ARCHITECTURAL STUDIO 4

NO.	REVISION/ISSUE	DATE

REVISED BY: ---

DRAWN BY: SIMRAN SANDHU

PROJECT NAME: MAJOR PROJECT PHASE 2

ADDRESS: 4180 DUKE OF YORK BLVD.
 MISSISSAUGA, ONTARIO
 CANADA, L5P 0G5

DRAWING SHEET: SITE PLAN

DATE: APR 16, 2021

SCALE: 1:500

AOSP

ONTARIO BUILDING CODE DATA MATRIX

PART 3 - FIRE PROTECTION, OCCUPANT SAFETY AND ACCESSIBILITY

Revised: 2017 09 23
OBC REFERENCE (1)

Name of Practice	FIRE STATION
Address 1	NINTHLINE, MISSISSAUGA, ONTARIO
Address 2	
Contact	
Name of Project	NEW EMERGENCY SERVICE STATION
Location/Address	NINTHLINE, MISSISSAUGA, ONTARIO
Date	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)
	C Residential	DORMATORY	
	D Business & Personal Services	OFFICES	
	F3 Low Hazard Industrial	STORAGE GARAGE (PARKING)	
3.03 SUPERIMPOSED MAJOR OCCUPANCIES	NO 3.2.2.7		
3.04 BUILDING AREA (m ²)	DESCRIPTION	EXISTING	NEW
	EMERGENCY RESPONSE STATION		1200sqm
	TOTAL		
3.05 GROSS AREA (m ²)	DESCRIPTION	EXISTING	NEW
	TOTAL		
3.06 MEZZANINE AREA (m ²)	DESCRIPTION	EXISTING	NEW
	N/A		
	TOTAL		
3.07 BUILDING HEIGHT	1 STOREYS ABOVE GRADE		9.20 (m) ABOVE GRADE
	N/A STOREYS BELOW GRADE		

3.08 HIGH BUILDING	No			
3.09 NUMBER OF STREETS/ FIREFIGHTER ACCESS	1 STREET(S)			
3.10 BUILDING CLASSIFICATION (SIZE AND CONSTRUCTION RELATIVE TO OCCUPANCY)	3.2.2.48. Group C, up to 3 Storeys, Sprinklered			
	3.2.2.56. Group D, up to 2 Storeys, Sprinklered			
3.11 SPRINKLER SYSTEM	Required PROVIDED: Entire Building			
	DESCRIBE			
3.12 STANDPIPE SYSTEM	Not Required			
3.13 FIRE ALARM SYSTEM	Required TYPE PROVIDED -			
3.14 WATER SERVICE/ SUPPLY IS ADEQUATE	Yes			
3.15 CONSTRUCTION TYPE	RESTRICTIONS -			
	ACTUAL - HEAVY TIMBER CONSTRUCTION -			
3.16 IMPORTANCE CATEGORY	Normal			
3.17 SEISMIC HAZARD INDEX (I _e F _s , 0.2)	0.00 Seismic Design Not Required for Table 4.1.8.18. Items 6 to 21			
3.18 OCCUPANT LOAD	FLOOR LEVEL/AREA	OCCUPANCY TYPE	BASED ON	OCCUPANT LOAD (PERSONS)
	Dormitory	GROUP C	m ² per person	
	Offices	GROUP D	m ² per person	
	Storage Garage (Parking)	GROUP F3	m ² per person	
	TOTAL			
3.19 BARRIER-FREE DESIGN	Yes			
3.20 HAZARDOUS SUBSTANCES	No			
3.21 REQUIRED FIRE RESISTANCE RATINGS	HORIZONTAL ASSEMBLY	RATING (H)	SUPPORTING ASSEMBLY (H)	NONCOMBUSTIBLE IN LIEU OF RATING
	FLOORS OVER BSMT			
	FLOORS	45 mins		YES
	MEZZANINE	n/a		N/A
	ROOF	no rating		N/A
3.22 SPATIAL SEPARATION	WALL	EBF AREA (m ²)	L/D. (m ²)	L/H OR H/L
3.23 PLUMBING FIXTURE REQUIREMENTS	RATIO:	MALE:FEMALE = 50:50 EXCEPT AS NOTED OTHERWISE		
	FLOOR LEVEL/AREA	OCCUPANT LOAD	OBC SENTENCE	FIXTURES REQUIRED
	WOMENS W/C		9	2
	MENS W/C		13	2
	UNIVERSAL W/C		9	2
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			

Ontario Building Code Data Matrix, Part 3
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NO.	REVISION/ISSUE	DATE
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REVISED BY:

DRAWN BY:
MARY ABUELFARAG
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

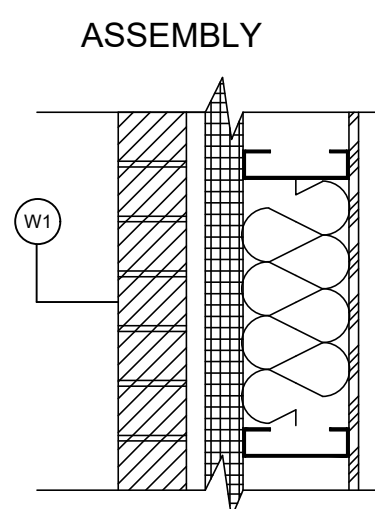
DRAWING SHEET:
OBC MATRIX

DATE:
APRIL 16TH, 2021

SCALE:
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SHEET:
A001

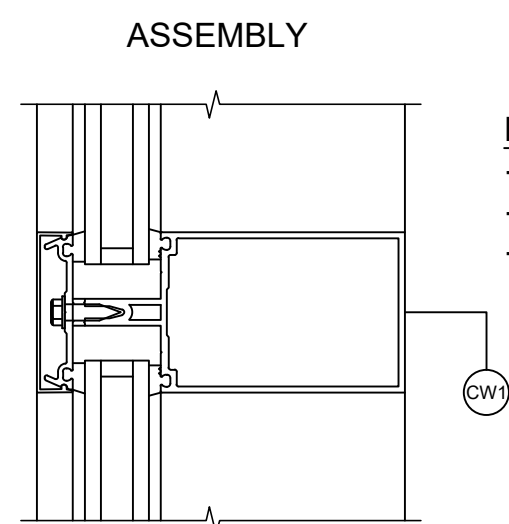
EXTERIOR WALL ASSEMBLIES



CONSTRUCTION
EXTERIOR APPARATUS BAY WALL
-90mm FACE BRICK
-25mm AIR SPACE
-6mil AIR BARRIER
-50mm RIGID INSULATION
-38mm x 140mm METAL STUD @600 O.C
W/ BATT INSULATION
-6mil VAPOR RETARDER
-13mm GYPSUM WALL BOARD

THICKNESS: 334mm
F.R.R.: 1hr

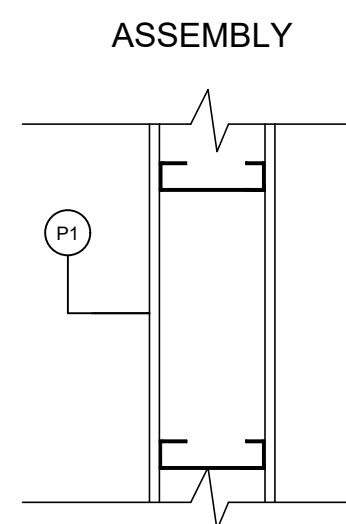
EXTERIOR CURTAIN WALL ASSEMBLIES



CONSTRUCTION
EXTERIOR VESTIBULE CURTAIN WALL
-COVER
-PRESSURE PLATE
-MULLION

THICKNESS: 170mm
F.R.R.: 2hr

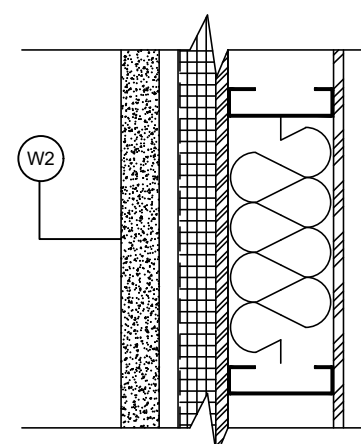
INTERIOR WALL PARTITIONS



CONSTRUCTION
INTERIOR PARTITION WALL 1
-13mm GYPSUM WALL BOARD
-38mm x 140mm METAL STUD
-13mm GYPSUM WALL BOARD

THICKNESS: 166mm
F.R.R.: 1hr

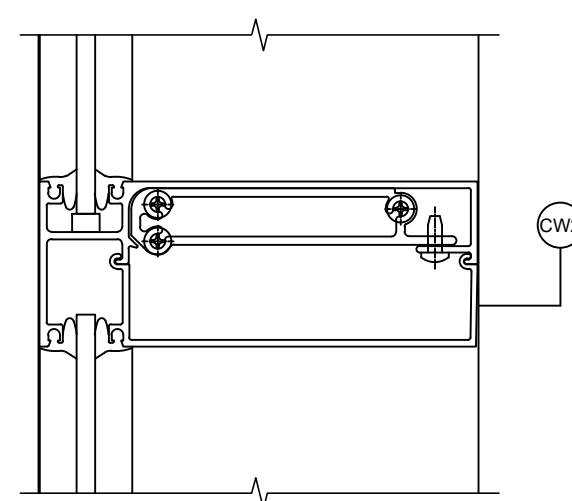
ASSEMBLY



CONSTRUCTION
EXTERIOR WALL TYPE 1
-50mm CONCRETE
-25mm AIR SPACE
-6mil AIR BARRIER
-50mm RIGID INSULATION
-16mm PLYWOOD SHEATHING
-38mm x 140mm METAL STUD @600 O.C
w/ BATT INSULATION
-6mil VAPOR RETARDER
-13mm GYPSUM WALL BOARD

THICKNESS: 294mm
F.R.R.: 1hr

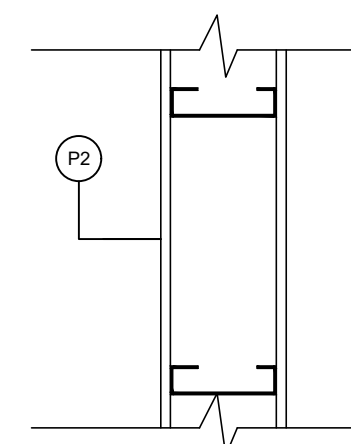
ASSEMBLY



CONSTRUCTION
EXTERIOR CURTAIN WALL
-1/4" GLASS TOP
-SHEAR BLOCK

THICKNESS: 170mm
F.R.R.: 2hr

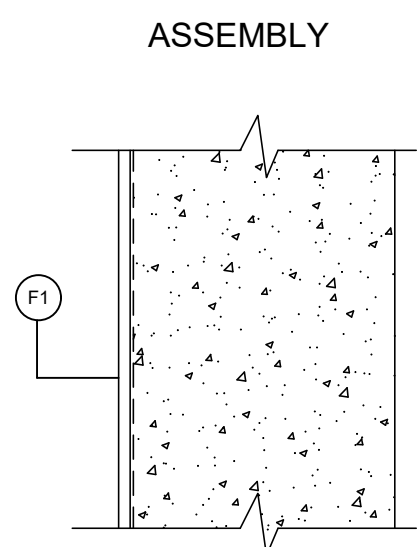
ASSEMBLY



CONSTRUCTION
INTERIOR PLUMBING WALL
-13mm GYPSUM WALL BOARD
-90mm METAL STUD LAYER
-13mm GYPSUM WALL BOARD

THICKNESS: 116mm
F.R.R.: 1hr

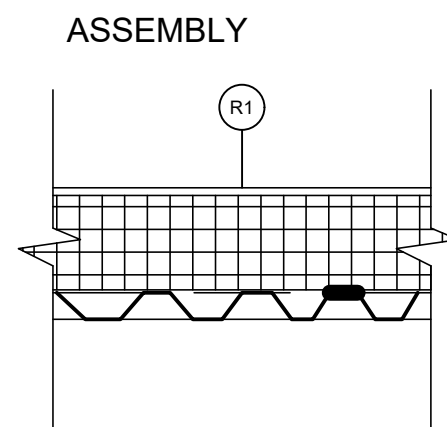
FOUNDATION WALL ASSEMBLY



CONSTRUCTION
EXTERIOR WALL TYPE 1
-15mm OPAQUE BLACK, PLASTIC
-6mil DAMP-PROOFING
-350mm CONCRETE

THICKNESS: 365mm

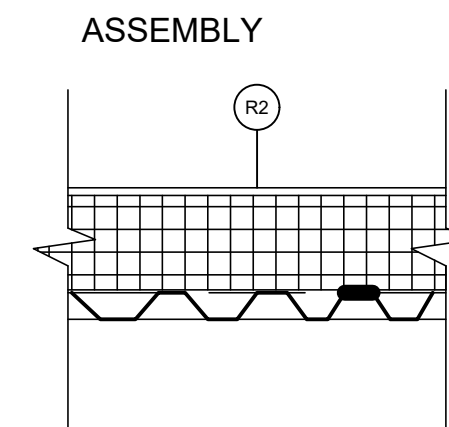
EXTERIOR ROOF ASSEMBLY



CONSTRUCTION
EXTERIOR FLAT EPDM ROOF
-10mm EPDM MEMBRANE ROOFING
-125mm RIGID INSULATION
-6mil VAPOR RETARDER
-35mm METAL DECK

THICKNESS: 170mm
F.R.R.: 2hr

EXTERIOR ROOF ASSEMBLY



CONSTRUCTION
EXTERIOR PITCHED ROOF
-METAL SLATE PANEL ROOFING
-125mm RIGID INSULATION
-6mil VAPOR RETARDER
-35mm METAL DECK

THICKNESS: 170mm
F.R.R.: 2hr

NO.	REVISION/ISSUE	DATE

REVISED BY: _____

DRAWN BY:
MARY ABUELFARAG
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

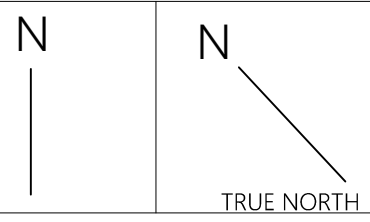
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4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
WALL/PARTITION TYPES

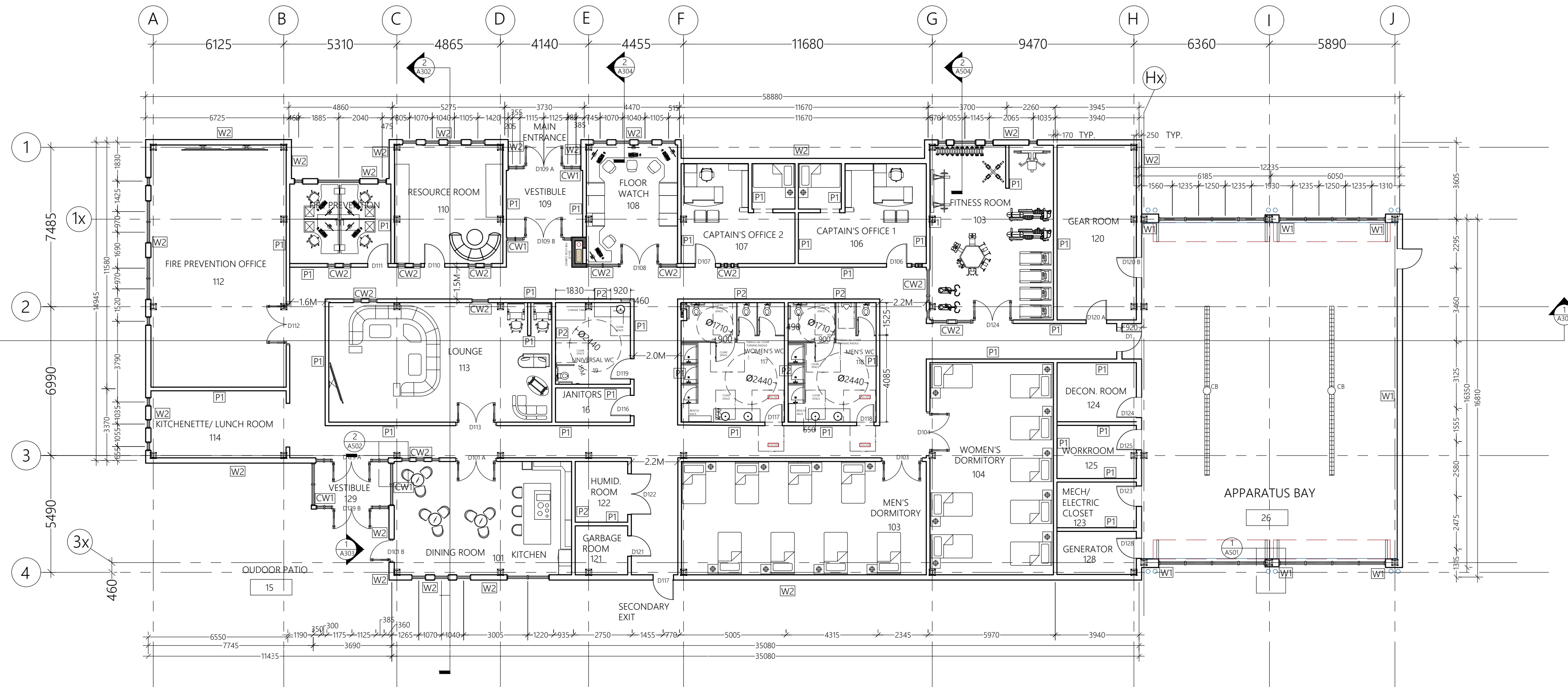
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APRIL 16TH, 2021

SCALE:
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SHEET:
A002



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 ARCH ARCHITECTURAL STUDIO 4



AREA Sq.M		
ROOM TAG	ROOM NAME	PROPOSED AREA
01	DINING ROOM	32.2
02	KITCHEN	28.0
03	FITNESS ROOM	61.2
04	WOMEN'S DORM.	52.8
05	MEN'S DORM.	52.8
06	CAPTAIN OFFICE 1	22.1
07	CAPTAIN OFFICE 2	22.0
08	FLOOR WATCH	34.6
09	VESTIBULE	15.6
10	RESOURCE ROOM	28.3
11	FIRE PREVENTION	17.7
12	FIRE PREVENTION OFF.	72.2
13	LOUNGE	58.7
14	KITCHENETTE	19.9
15	OUTDOOR PATIO	120.8
16	JANITORS	5.6
17	WOMEN'S WC	24.0
18	MEN'S WC	24.0
19	UNIVERSAL WC	14.0
20	GEAR ROOM	33.8
21	GARBAGE ROOM	36.1
22	HUMID. ROOM	2.3
23	MECH/ ELECT. ROOM	6.2
24	DECON. ROOM	6.3
25	WORKROOM	9.3
26	APPARATUS BAY	263.2

SYMBOL LEGEND	
SYMBOL	DEF.
	300x300 Steel Column
	Fire Hose Cabinet
	Exiting Travel Distance(m)
	LINEAR CATCH BASIN DRAIN
	CATCH BASIN
	BOLLARDS

NO.	REVISION/ISSUE	DATE

REVISED BY:
 - - -

DRAWN BY:
 SIMRAN SANDHU

PROJECT NAME:
 MAJOR PROJECT PHASE 2

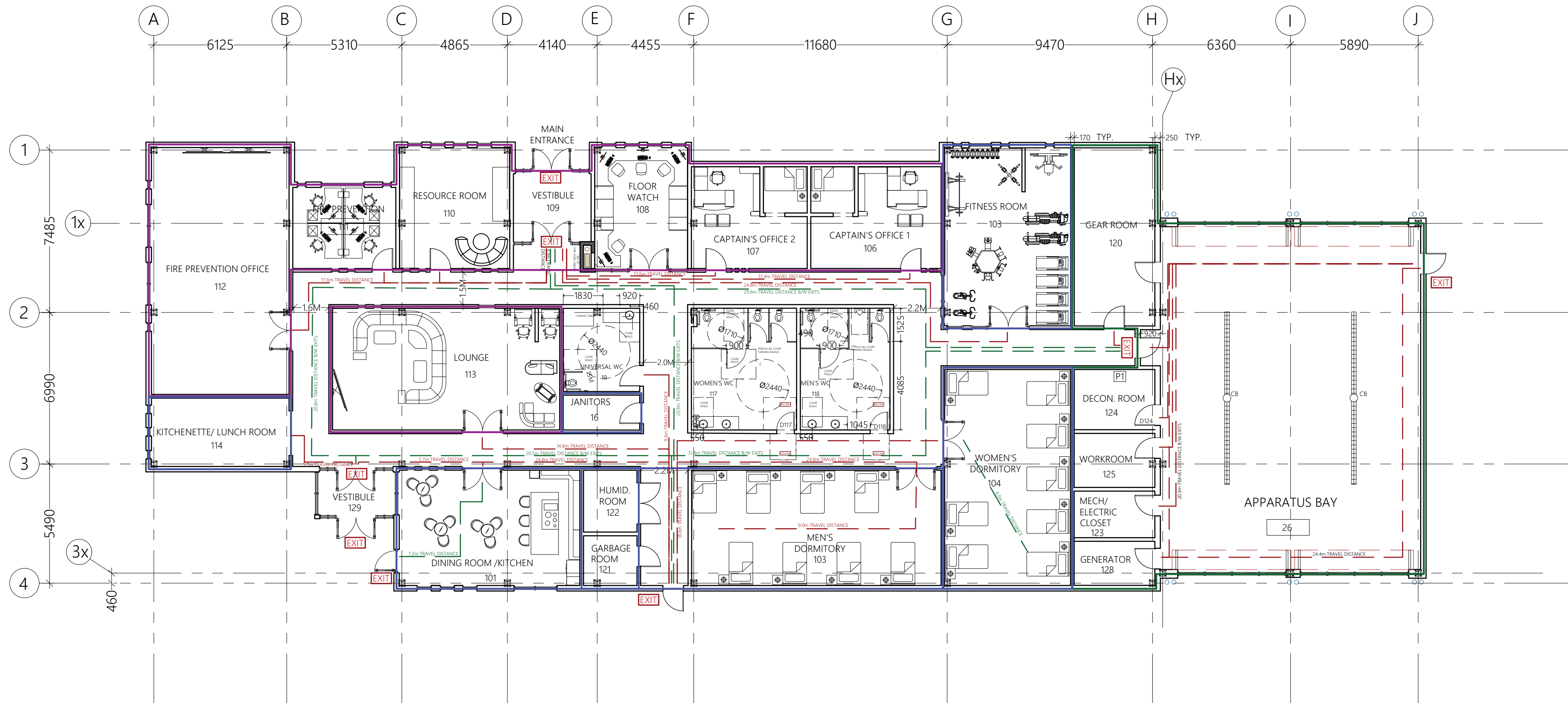
ADDRESS:
 4180 DUKE OF YORK BLVD.
 MISSISSAUGA, ONTARIO
 CANADA, L5P 0G5

DRAWING SHEET:
 GROUND FLOOR PLAN

DATE:
 APR, 16 2021

SCALE:
 1:150

SHEET:
 A101



AREA Sq.M		
ROOM TAG	ROOM NAME	PROPOSED AREA
01	DINING ROOM	32.2
02	KITCHEN	28.0
03	FITNESS ROOM	61.2
04	WOMEN'S DORM.	52.8
05	MEN'S DORM	52.8
06	CAPTAIN OFFICE 1	22.1
07	CAPTAIN OFFICE 2	22.0
08	FLOOR WATCH	34.6
09	VESTIBULE	15.6
10	RESOURCE ROOM	28.3
11	FIRE PREVENTION	17.7
12	FIRE PREVENTION OFF.	72.2
13	LOUNGE	58.7
14	KITCHENETTE	19.9
15	OUTDOOR PATIO	120.8
16	JANITORS	5.6
17	WOMEN'S WC	24.0
18	MEN'S WC	24.0
19	UNIVERSAL WC	14.0
20	GEAR ROOM	33.8
21	GARBAGE ROOM	36.1
22	HUMID. ROOM	2.3
23	MECH/ ELECT. ROOM	6.2
24	DECON. ROOM	6.3
25	WORKROOM	9.3
26	APPARATUS BAY	263.2

SYMBOL LEGEND	
SYMBOL	DEF.
	300x300 Steel Column
	Fire Hose Cabinet
	Exiting Travel Distance(m)
	LINEAR CATCH BASIN DRAIN
	CATCH BASIN
	BOLLARDS

OCCUPANT CLASSIFICATION LEGEND	
GROUP D	
GROUP C	
GROUP F-3	
TRAVEL DISTANCE B/W EXITS	
TRAVEL DISTANCE	
EXIT DOORWAY	

NO.	REVISION/ISSUE	DATE

REVISED BY:

DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

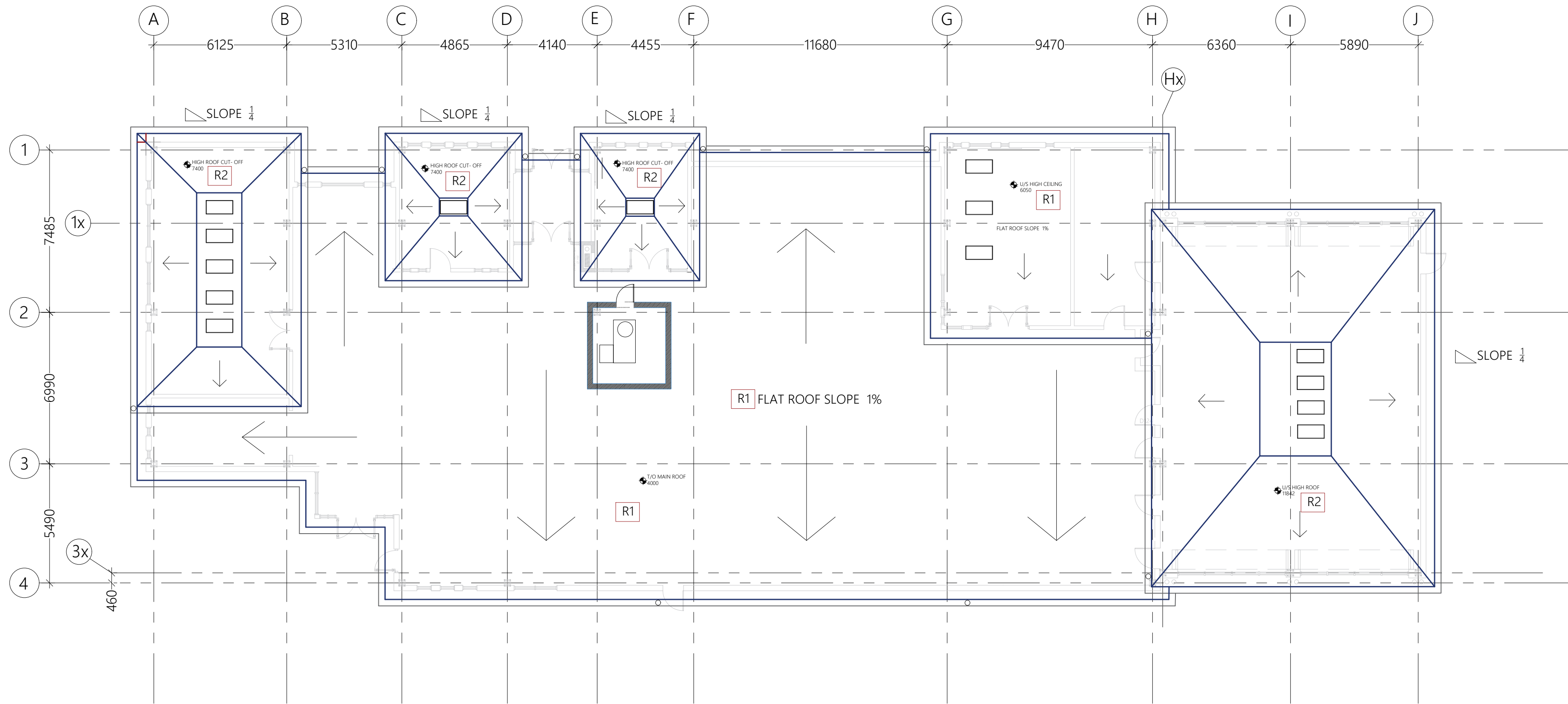
ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
LIFE SAFETY PLAN -
GROUND FLOOR

DATE:
APR 16, 2021

SCALE:
1:150

SHEET:
A102



LEGEND

SLOPE DIRECTION

HVAC ROOF TOP UNIT

SKYLIGHT

GEODETIC ROOF LEVEL

R1 FLAT EPDM ROOF

R2 PITCHED ROOF

NO.	REVISION/ISSUE	DATE

REVISED BY:
 - - -

DRAWN BY:
 SIMRAN SANDHU

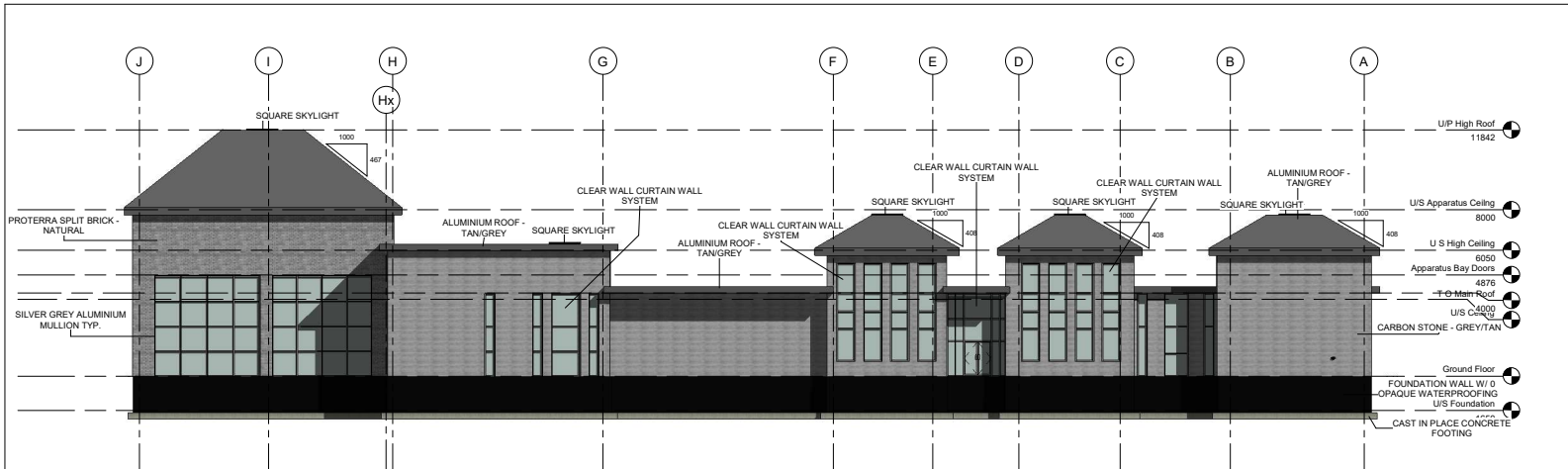
PROJECT NAME:
 MAJOR PROJECT PHASE 2

ADDRESS:
 4180 DUKE OF YORK BLVD.
 MISSISSAUGA, ONTARIO
 CANADA, L5P 0G5

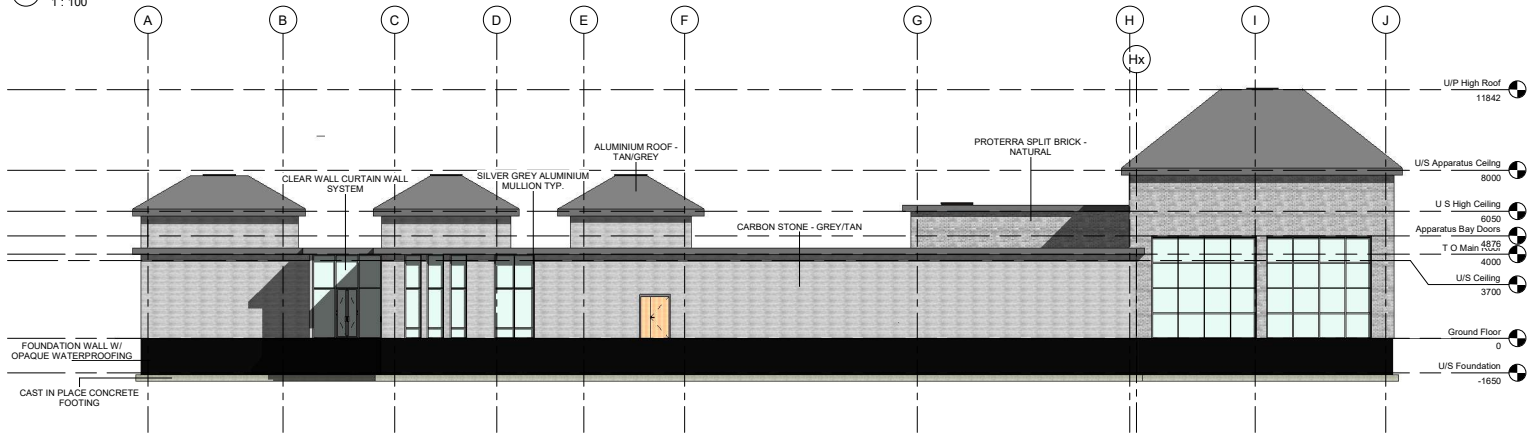
DRAWING SHEET:
 ROOF PLAN

DATE:
 APR 16, 2021

SCALE:
 1:150



1 North
1 : 100



2 South
1 : 100

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Revision Schedule		
No.	Description	Date

Scale:

Client:

Project:
MAJOR PROJECT PH2
DUKE OF YORK BLVD

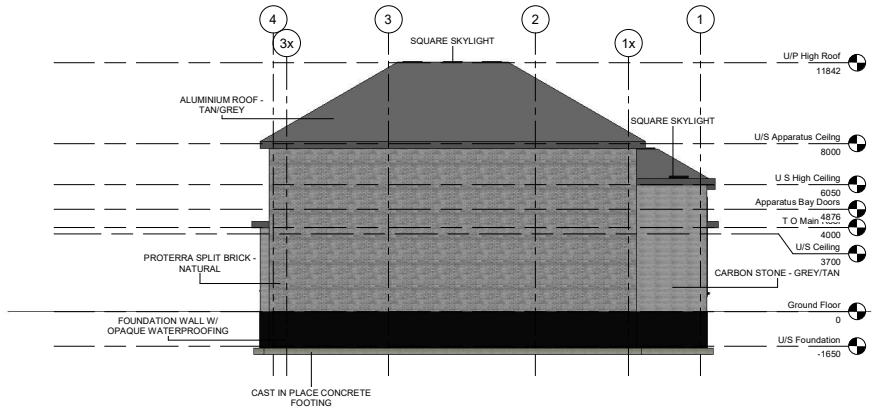
Project No.: 02 Revision No.:

Sheet Title:
North & South Elevation

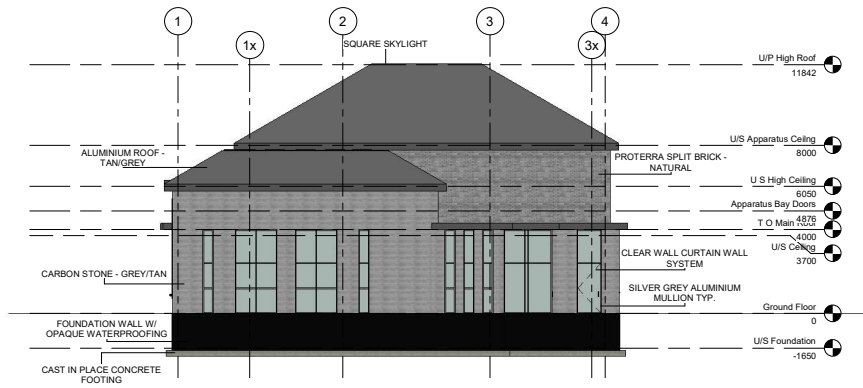
Drawn By: Team 5 Date: 04/16/2021

Checked By: Sheet No.:

Scale: 1 : 100 **A201**



① East
1 : 100



② West
1 : 100

Revision Schedule

No.	Description	Date

Scale:

Client:

Project:
MAJOR PROJECT PH2
DUKE OF YORK BLVD

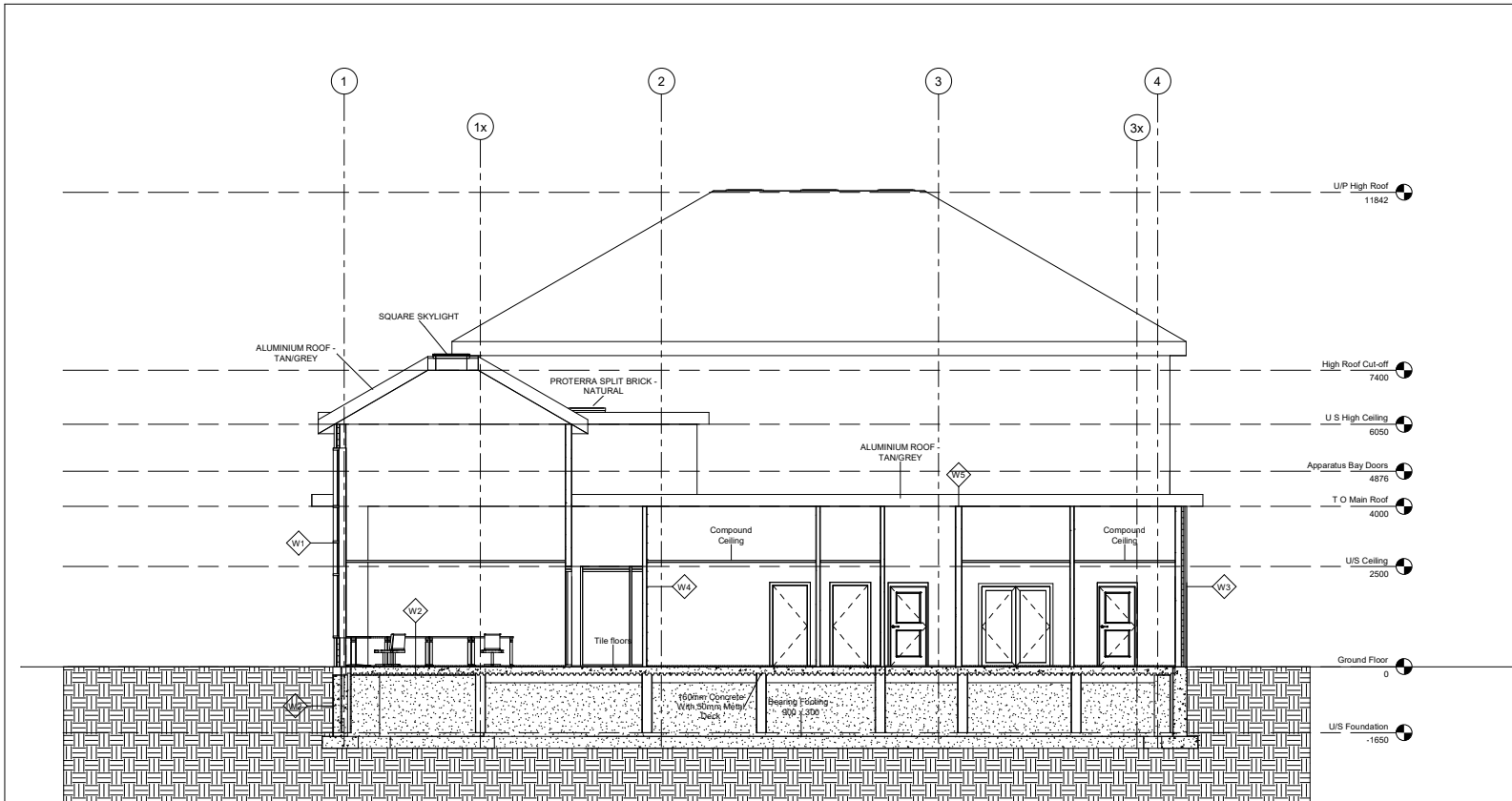
Project No.: 02 Revision No.:

Sheet Title:
East & West Elevations

Drawn By: Team 5 Date: 04/16/2021

Checked By: Sheet No.:

Scale: 1 : 100 **A202**



W3-EXTERIOR WALL
 -50mm CONCRETE
 -25mm AIR SPACE
 -6mil AIR BARRIER
 -50mm RIGID INSULATION
 -16mm PLYWOOD SHEATHING
 -38mm x 140mm METAL STUD @600 O.C w/ BATT INSULATION
 -6mil VAPOR RETARDER
 -13mm GYPSUM WALL BOARD

W2-FOUNDATION ASSEMBLY
 -15mm OPAQUE BLACK, PLASTIC
 -6mil DAMP-PROOFING
 -350mm CONCRETE

W4-INTERIOR PARTITION WALL
 -13mm GYPSUM WALL BOARD
 -38mm x 140mm METAL STUD
 -13mm GYPSUM WALL BOARD
W5-INTERIOR PLUMBING WALL
 -13mm GYPSUM WALL BOARD
 -90mm METAL STUD LAYER
 -13mm GYPSUM WALL BOARD

EXTERIOR FLAT EPDM ROOF
 -10mm EPDM MEMBRANE ROOFING
 -125mm RIGID INSULATION
 -6mil VAPOR RETARDER
 -35mm METAL DECK

EXTERIOR PITCHED ROOF
 -METAL SLATE PANEL ROOFING
 -125mm RIGID INSULATION
 -6mil VAPOR RETARDER
 -35mm METAL DECK

FLOOR ASSEMBLY
 -16mm CERAMIC TILE
 -150mm CONCRETE SLAB ON GRADE
 -6 mil VAPOUR BARRIER
 -50 RIGID INSULATION
 -250mm GRAVEL

Sheridan

CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK. DRAWINGS ARE NOT TO BE SCALED.

CONTRACT DOCUMENTS ARE THE COPYRIGHT OF THE CONSULTANTS AND SHALL NOT BE USED OR REPRODUCED WITHOUT THE AUTHORITY OF THE CONSULTANTS. DOCUMENTS ARE TO BE RETURNED UPON COMPLETION OF THE PROJECT.

Sheridan College / Faculty of Applied Science & Technology

Revision Schedule		
No.	Description	Date

Scale:

Client:
TEAM 5

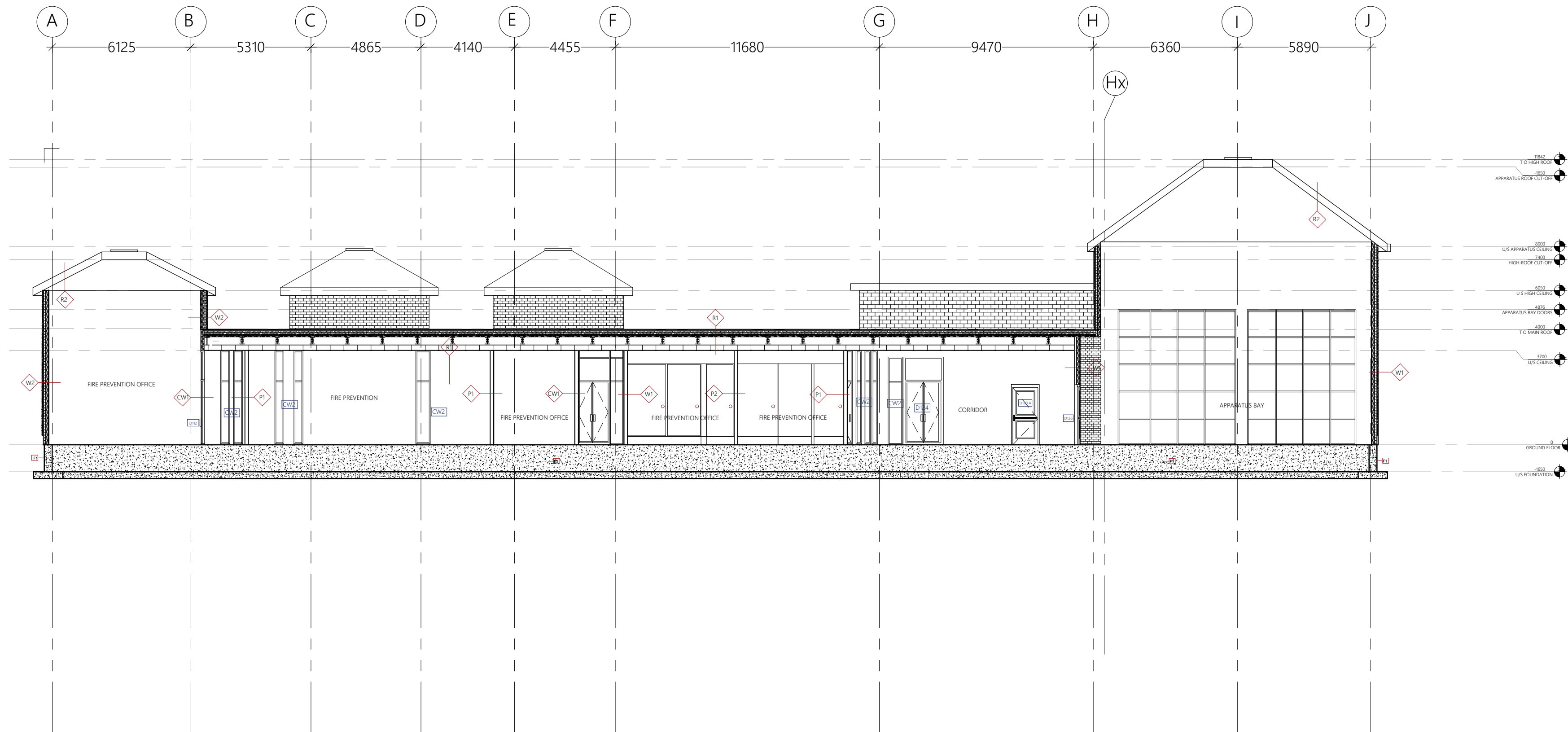
Project:
MAJOR PROJECT PHASE 2

Project No.: 02 Revision No.:

Sheet Title:
BUILDING SECTION

Drawn By: **MARY ABUELEFARAG** Date: 04/16/21
 Checked By: Sheet No.:
 Scale: 1 : 50 **A301**

SHERIDAN | ARCHITECTURE
FACULTY OF APPLIED SCIENCE AND TECHNOLOGY
ARCH ARCHITECTURAL STUDIO 4



NO.	REVISION/ISSUE	DATE

REVISED BY:

DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

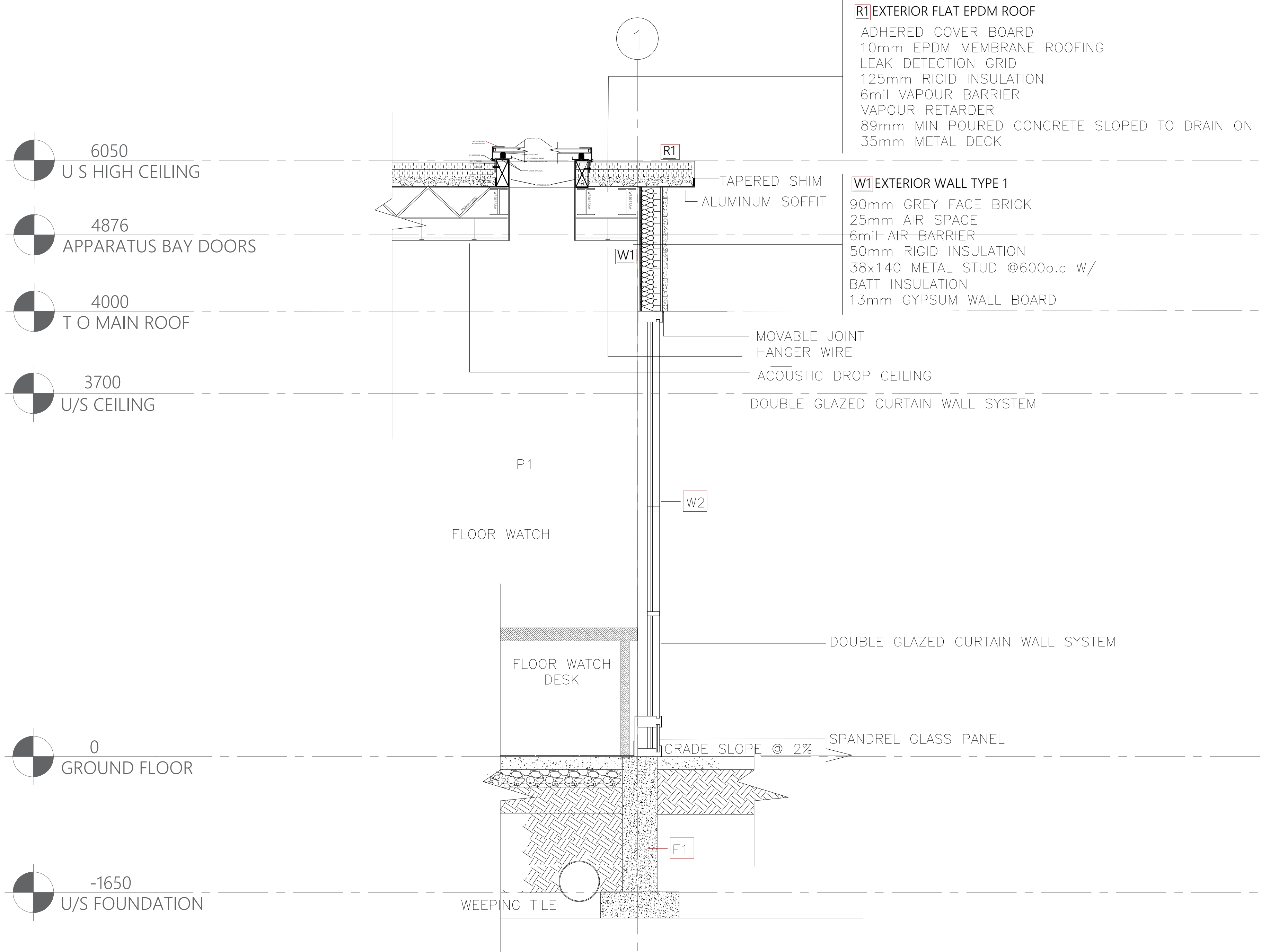
ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
BUILDING SECTION 1

DATE:
APR 16, 2021

SCALE:
1:150

SHEET:
A302



R1 EXTERIOR FLAT EPDM ROOF

ADHERED COVER BOARD
10mm EPDM MEMBRANE ROOFING
LEAK DETECTION GRID
125mm RIGID INSULATION
6mil VAPOUR BARRIER
VAPOUR RETARDER
89mm MIN POURED CONCRETE SLOPED TO DRAIN ON
35mm METAL DECK

W1 EXTERIOR WALL TYPE 1

90mm GREY FACE BRICK
25mm AIR SPACE
6mil AIR BARRIER
50mm RIGID INSULATION
38x140 METAL STUD @600o.c W/
BATT INSULATION
13mm GYPSUM WALL BOARD

6050
U/S HIGH CEILING

4876
APPARATUS BAY DOORS

4000
T O MAIN ROOF

3700
U/S CEILING

0
GROUND FLOOR

-1650
U/S FOUNDATION

NO.	REVISION/ISSUE	DATE

REVISED BY:

DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

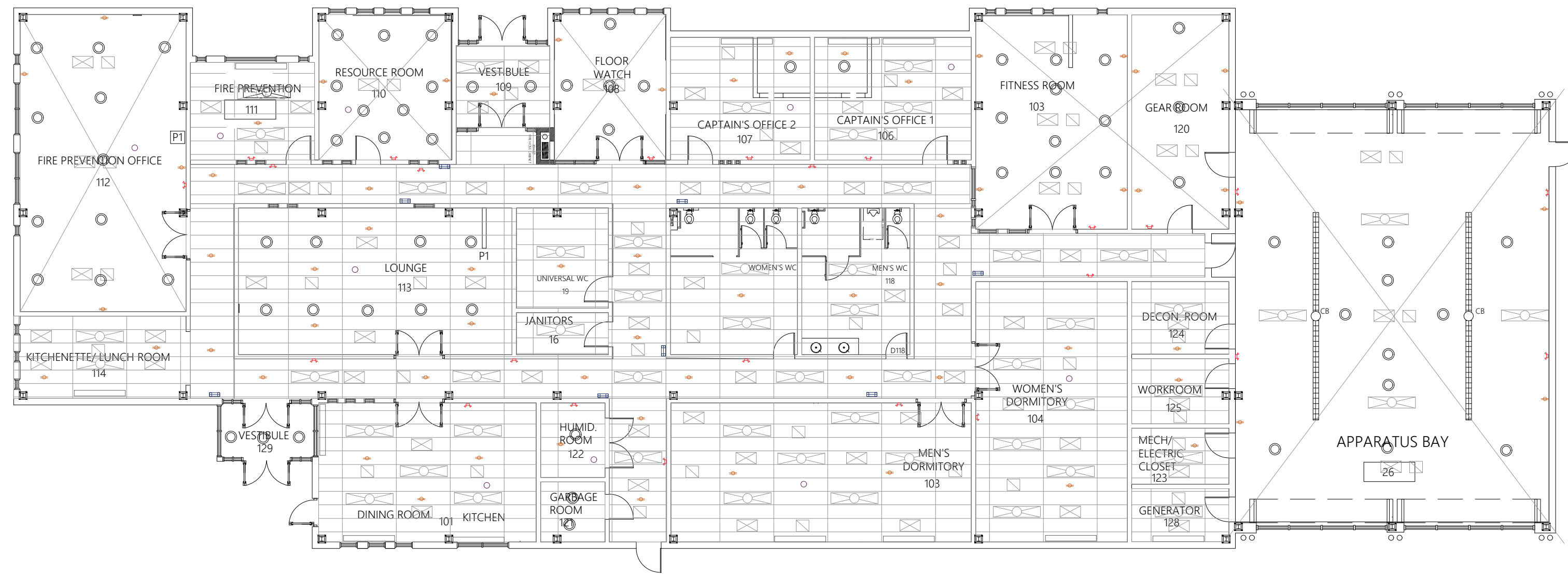
ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
WALL SECTION 2

DATE:
APR 16, 2021

SCALE:
1:30

SHEET:
A304



REFLECTED CEILING PLAN LEGEND

- | | | | |
|--|----------------------------------|--|--------------------------------------|
| | 2x4 TROFFER LIGHT | | RUNNING-MAN EXIT SIGN WITH DIRECTION |
| | RETURN AIR GRILLE | | EMERGENCY LIGHT |
| | SUPPLY AIR GRILLE | | FLAT ROUND LIGHT |
| | LINEAR SLOT DIFFUSER | | SPRINKLER |
| | 20" X 60" ACOUSTIC CEILING TILES | | SMOKE DETECTOR |

1
A401 REFLECTED CEILING PLAN

NO.	REVISION/ISSUE	DATE

REVISED BY: - - -

DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

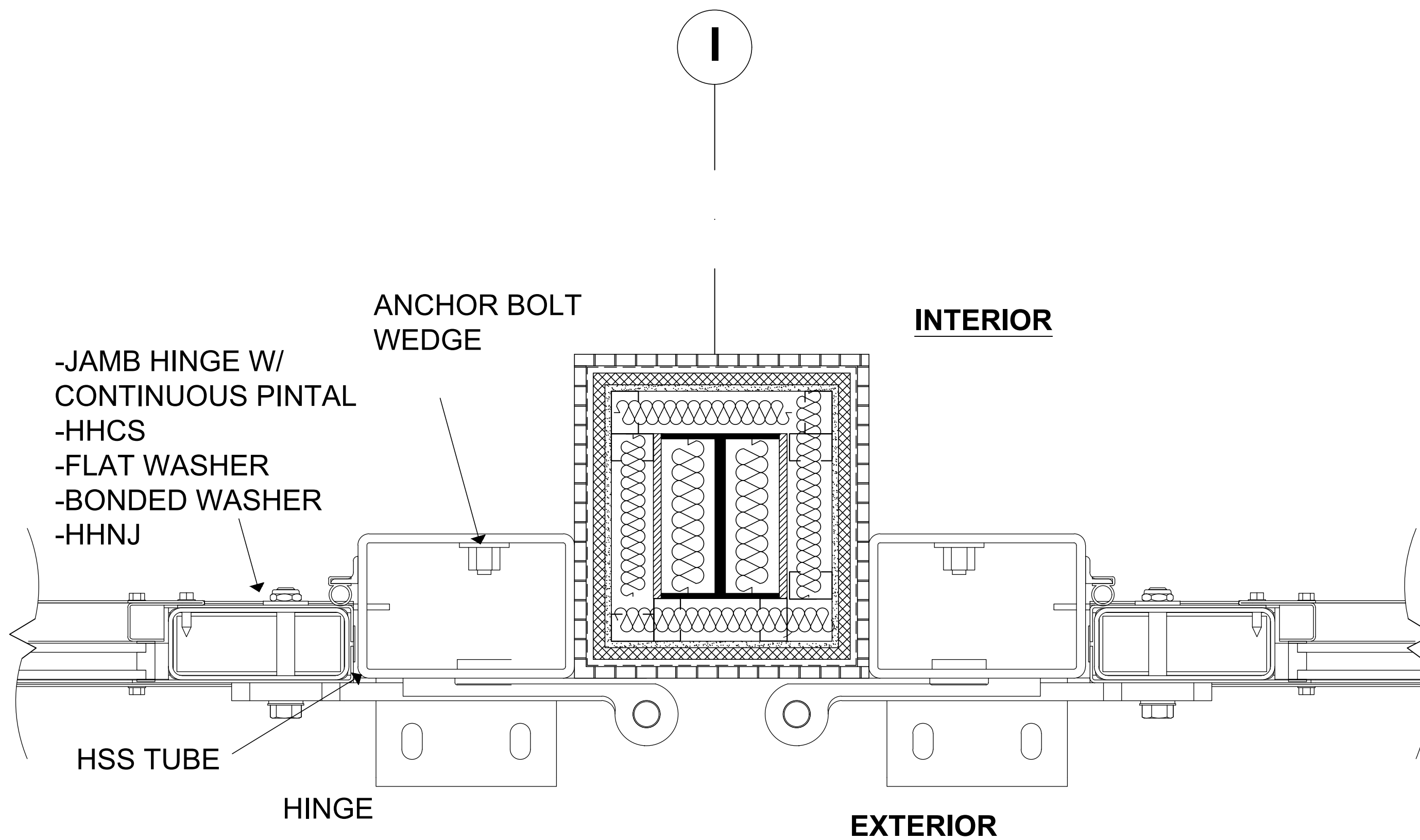
ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
REFLECTED CEILING PLAN

DATE:
APR 16, 2021

SCALE:
1:5

SHEET:
A401



1 PLAN DETAIL

NO.	REVISION/ISSUE	DATE

REVISED BY:
- - -

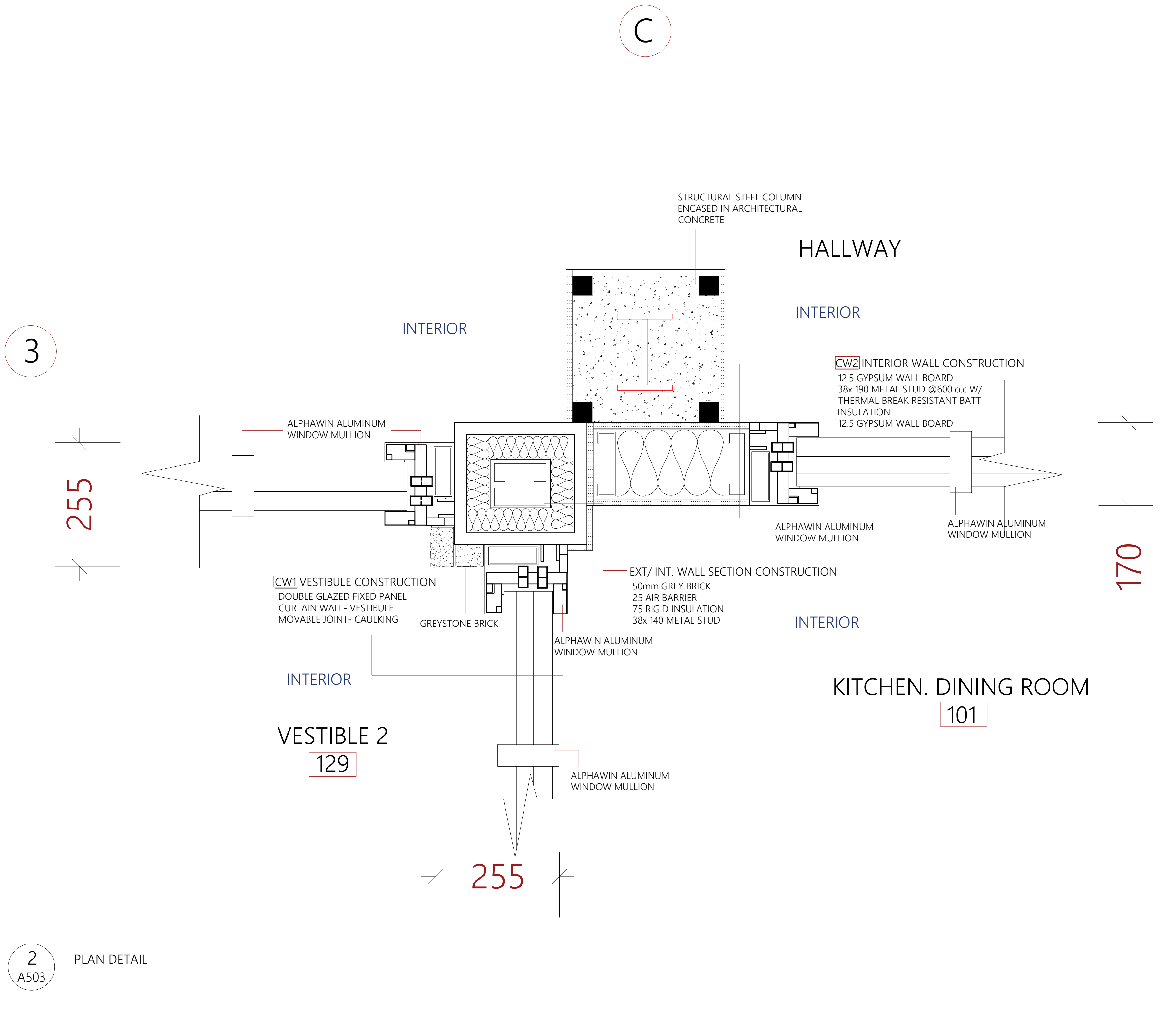
DRAWN BY:
MARY ABUELFARAG

PROJECT NAME:
MAJOR PROJECT PHASE 2

ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
PLAN DETAIL

DATE: APRIL 16TH, 2021	SHEET: A501
SCALE: 1:30	



2 PLAN DETAIL
A503

NO.	REVISION/ISSUE	DATE

REVISED BY:

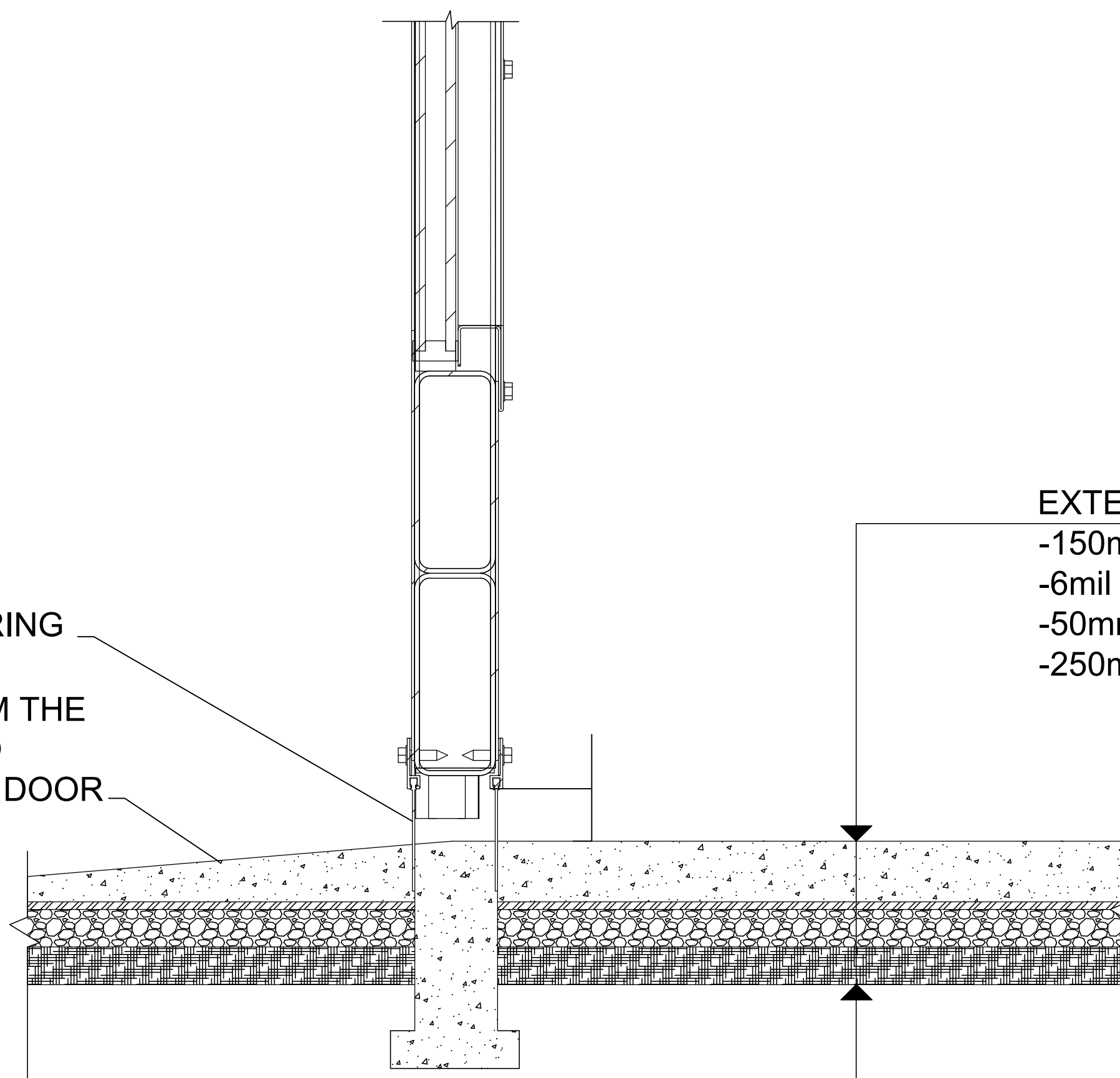
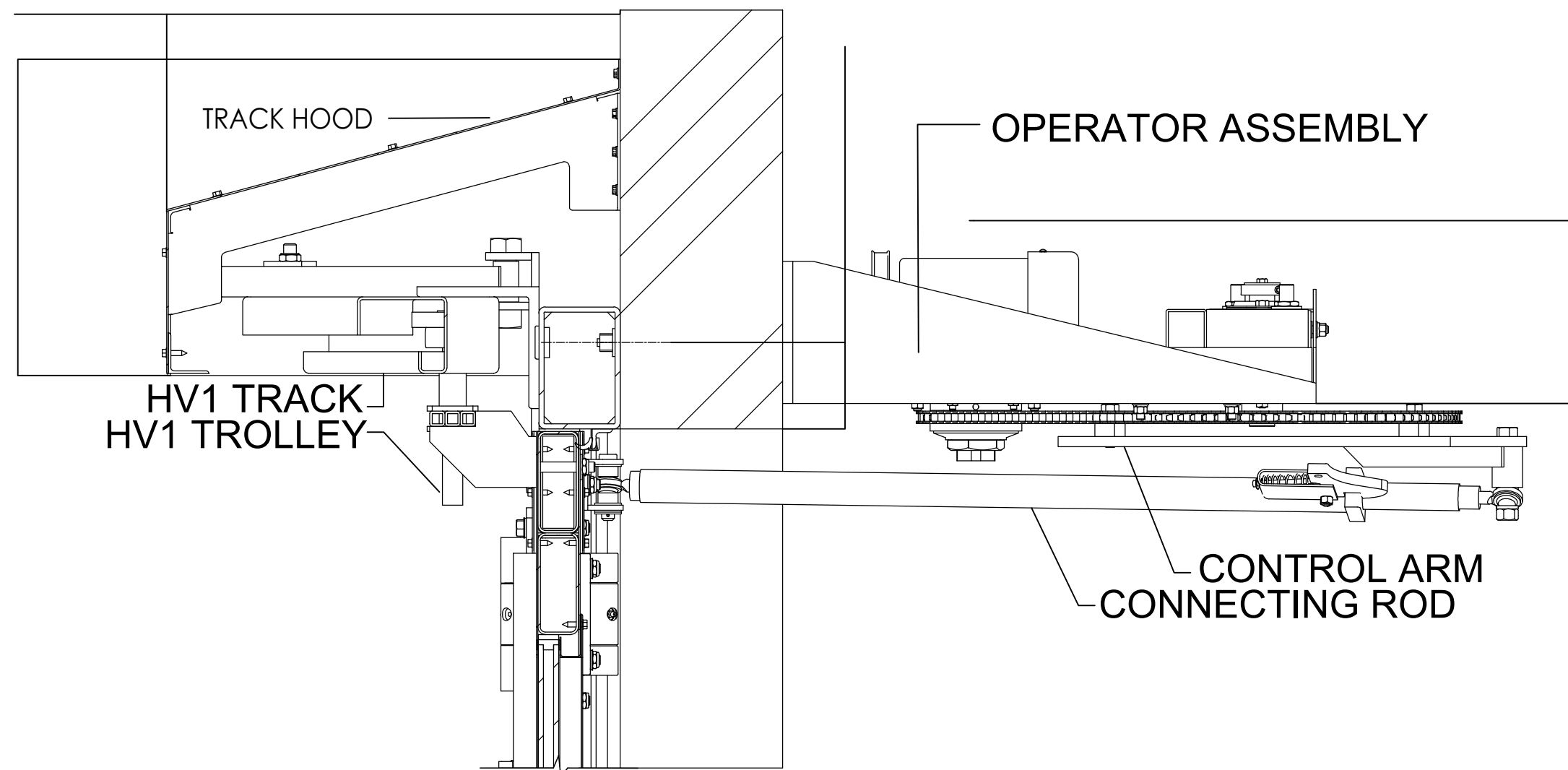
DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
PLAN DETAIL 2

DATE: APR 16, 2021
SCALE: 1:5
SHEET: A502



1/4" SLOPPED FLOORING FROM THE
CENTER OF DOOR PANEL TO
DIRECT WATER AWAY FROM DOOR

1 WALL SECTION DETAIL

NO.	REVISION/ISSUE	DATE

REVISED BY:
- - -

DRAWN BY:
MARY ABUELFARAG

PROJECT NAME:
MAJOR PROJECT PHASE 2

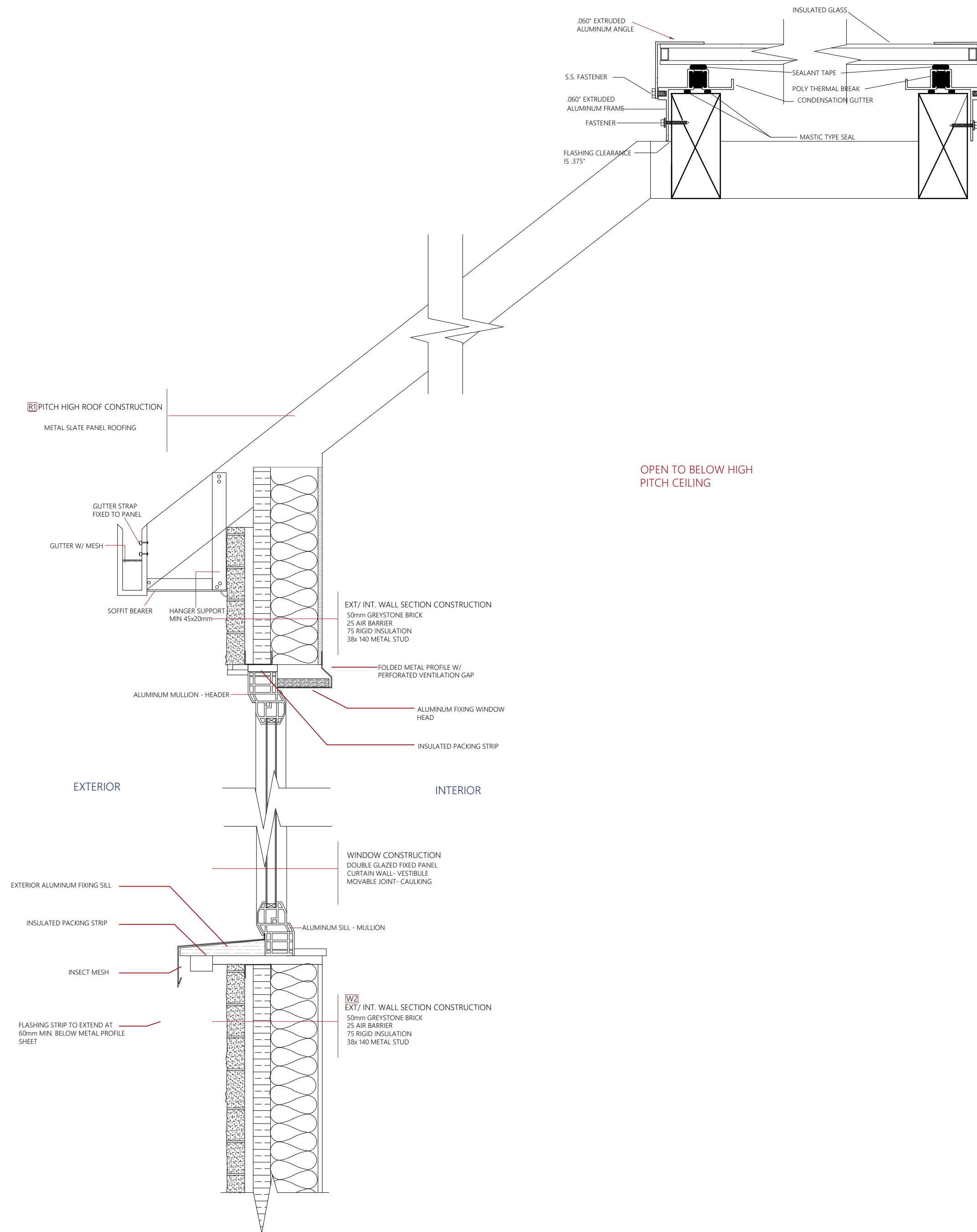
ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
WALL SECTION DETAIL

DATE:
APRIL 16TH, 2021

SCALE:
1:75

SHEET:
A503



OPEN TO BELOW HIGH
PITCH CEILING

PITCH HIGH ROOF CONSTRUCTION
METAL SLATE PANEL ROOFING

GUTTER STRAP
FIXED TO PANEL

GUTTER W/ MESH

SOFFIT BEARER

HANGER SUPPORT
MIN 45x20mm

EXT/ INT. WALL SECTION CONSTRUCTION
50mm GREYSTONE BRICK
25 AIR BARRIER
75 RIGID INSULATION
38x 140 METAL STUD

FOLDED METAL PROFILE W/
PERFORATED VENTILATION GAP

ALUMINUM MULLION - HEADER

ALUMINUM FIXING WINDOW
HEAD

INSULATED PACKING STRIP

EXTERIOR

INTERIOR

WINDOW CONSTRUCTION
DOUBLE GLAZED FIXED PANEL
CURTAIN WALL - VESTIBILE
MOVABLE JOINT - CAULKING

EXTERIOR ALUMINUM FIXING SILL

INSULATED PACKING STRIP

ALUMINUM SILL - MULLION

INSECT MESH

FLASHING STRIP TO EXTEND AT
60mm MIN. BELOW METAL PROFILE
SHEET

W2
EXT/ INT. WALL SECTION CONSTRUCTION
50mm GREYSTONE BRICK
25 AIR BARRIER
75 RIGID INSULATION
38x 140 METAL STUD

2
A504

SECTION DETAIL @ SOFFIT AND SKYLIGHT

NO.	REVISION/ISSUE	DATE

REVISED BY:

DRAWN BY:
SIMRAN SANDHU

PROJECT NAME:
MAJOR PROJECT PHASE 2

ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
SECTION DETAIL 2
SOFFIT & ROOF @ SKYLIGHT

DATE:
APR 16, 2021

SCALE:
1:5

SHEET:
A504

Room Finish Schedule					
Name	Number	Floor Finish	Base Finish	Wall Finish	Ceiling Finish
Dining Room	101	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Kitchen	102	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Fitness Room	103	Rubber	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Women's Dorm	104	Vinyl Composite Tile	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Men's Dorm	105	Vinyl Composite Tile	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Captain Office 1	106	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Captain Office 2	107	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Floor Watch	108	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Vestibule	109	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Resource Room	110	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Fire Prevention	111	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Fire Precention Office	112	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Lounge	113	Wood Vinyl	Vinyl Base	Paint	T. Bar 600x1200 Ceiling Tile
Kitchenette	114	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Outdoor Patio	115	Ceramic	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Janitor Closet	116	Concrete (Polished)	No Base	Paint	T. Bar 600x1200 Ceiling Tile
Women W/C	117	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Men W/C	118	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Universal W/C	119	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Gear Room	120	Epoxy	Epoxy Cove	Paint	T. Bar 600x1200 Ceiling Tile
Garbage Room	121	Concrete	No Base	Paint	T. Bar 600x1200 Ceiling Tile
Humid. Room	122	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Mech/Elect. Room	123	Concrete (Polished)	No Base	Paint	T. Bar 600x1200 Ceiling Tile
Decon. Room	124	Epoxy	Epoxy Cove	Paint	T. Bar 600x1200 Ceiling Tile
Workroom	125	Ceramic Tile	Ceramic Base	Paint	T. Bar 600x1200 Ceiling Tile
Apparatus Bay	126	Epoxy	Epoxy Cove	Paint	OWSJ (Painted)
Trash	127	Concrete	No Base	Paint	T. Bar 600x1200 Ceiling Tile
Generator	128	Concrete (Polished)	No Base	Paint	T. Bar 600x1200 Ceiling Tile

NO.	REVISION/ISSUE	DATE

REVISED BY:

DRAWN BY:
 SIMRAN SANDHU
 MARY ABUELFARAG

PROJECT NAME:
 MAJOR PROJECT PHASE 2

ADDRESS:
 4180 DUKE OF YORK BLVD.
 MISSISSAUGA, ONTARIO
 CANADA, L5P 0G5

DRAWING SHEET:
 ROOM FINISH SCHEDULE

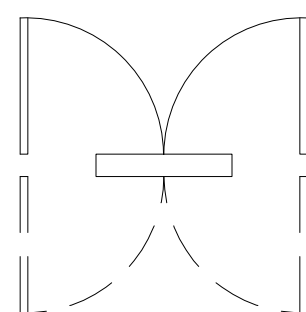
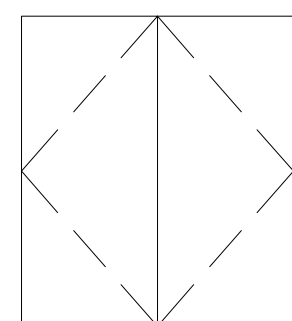
DATE:
 APRIL 16TH, 2021

SCALE:
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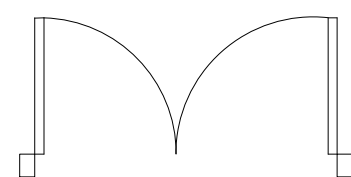
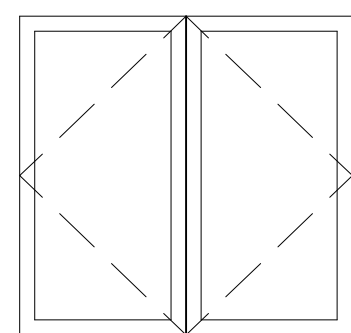
SHEET:
A601

DOOR SCHEDULE									
Mark	Family	Type	Width	Height	Thickness	Material	Finish	Glazing	PDO
D101A	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D101B	M_Door Curtain Wall Single Glass	1	1073	2325	50	Aluminum	Glass	Glass	Yes
D103	M_Door Double Flush Panel Double Acting	4	1800	2050	50	Wood	Stain	N/A	No
D104	M_Door Double Flush Panel Double Acting	4	1800	2050	50	Wood	Stain	N/A	No
D106	M_Door Curtain Wall Single Glass	1	1073	2325	50	Aluminium	Glass	Glass	Yes
D107	M_Door Curtain Wall Single Glass	1	1073	2325	50	Aluminium	Glass	Glass	Yes
D108	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D109A	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D109B	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D110	M_Door Curtain Wall Single Glass	1	1073	2325	50	Aluminium	Glass	Glass	Yes
D111	M_Door Curtain Wall Single Glass	1	1073	2325	50	Aluminium	Glass	Glass	Yes
D112	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D113	M_Door Curtain Wall Double Storefront	2	1400	2325	60	Aluminum	Glass	Glass	Yes
D116	M_Single Flush	3	864	2032	51	Metal	Paint	N/A	No
D117	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D118	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D119	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D120A	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D120B	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D121	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D122	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D123	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D124	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D125	M_Single Flush	3	864	2032	51	Steel	Paint	N/A	No
D129A	M_Door Curtain Wall Double Storefront	2	1041	2325	60	Aluminium	Glass	Glass	Yes
D129B	M_Door Curtain Wall Double Storefront	2	1041	2325	60	Aluminum	Glass	Glass	Yes

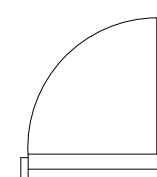
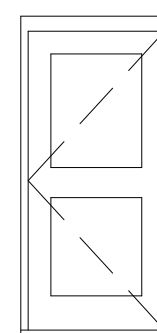
M_Door Double Flush Panel Double Acting



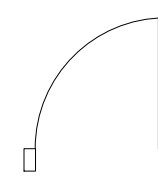
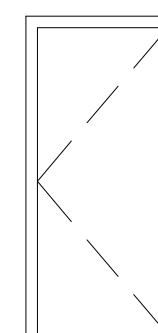
M_Door Curtain Wall Double Storefront



M_Door Curtain Wall Single Glass



M_Single Flush



NO.	REVISION/ISSUE	DATE

REVISED BY: _____

DRAWN BY:
SIMRAN SANDHU
MARY ABUELFARAG

PROJECT NAME:
ASSIGNMENT 5:
ARCHITECTURAL WORKING
DRAWINGS

ADDRESS:
4180 DUKE OF YORK BLVD.
MISSISSAUGA, ONTARIO
CANADA, L5P 0G5

DRAWING SHEET:
DOOR SCHEDULE & LEGEND

DATE:
APRIL 7TH, 2021

SCALE:
1:100

SHEET:
A602