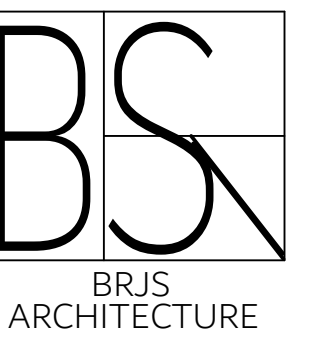




NORTH ELEVATION

**SHEET INDEX**

- A-000 COVER PAGE
- A-101 GROUND FLOOR PLAN
- A-201 BUILDING ELEVATIONS
- A-300 BUILDING SECTION
- A-400 WALL SECTIONS
- A-410 DETAILS
- S-101 GROUND FLOOR STRUCTURE PLAN
- S-1 STRUCTURAL SECTIONS AND DETAIL



**BUILDING CODE ANALYSIS**

**BUILDING CHARACTERISTICS**

TYPE OF CONSTRUCTION: NEW CONSTRUCTION  
 MAJOR OCCUPANCY : A-2  
 BUILDING AREA: 1275M<sup>2</sup>  
 BUILDING HEIGHT: 2 STOREYS  
 NUMBER OF STREETS: 2 STREETS  
 BUILDING CATEGORY: PART 3

**SECTION 3.2.2. REQUIREMENTS**

3.2.2. CLASSIFICATION: 3.2.2.24  
 TYPE OF CONSTRUCTION REQUIRED: NON-COMBUSTIBLE  
 MAXIMUM BUILDING AREA ALLOWED: ANY AREA  
 MAXIMUM BUILDING HEIGHT: 6 STOREYS  
 SPRINKLER SYSTEM REQUIRED: YES

**COMPARTMENTALIZATION**

REQUIRED FIRE RESISTANCE RATING OF FLOORS: 1H  
 REQUIRED FIRE RESISTANCE RATING OF ROOF: 0H

**SANITARY FACILITIES**

LEVEL 1:  
 CLASSROOM FLOOR AREA : 892.5M<sup>2</sup>  
 OCCUPANT LOAD: 482  
 NUMBER OF WOMEN'S TOILETS REQUIRED : 9  
 NUMBER OF WOMEN'S LAVATORIES REQUIRED: 4  
 NUMBER OF MEN'S TOILETS REQUIRED: 5  
 NUMBER OF MEN'S URINALS REQUIRED : 3  
 NUMBER OF MEN'S LAVATORIES REQUIRED : 2

LEVEL 2:  
 CLASSROOM FLOOR AREA : 490M<sup>2</sup>  
 OCCUPANT LOAD: 265  
 NUMBER OF WOMEN'S TOILETS REQUIRED : 5  
 NUMBER OF WOMEN'S LAVATORIES REQUIRED: 2  
 NUMBER OF MEN'S TOILETS REQUIRED: 3  
 NUMBER OF MEN'S URINALS REQUIRED : 2  
 NUMBER OF MEN'S LAVATORIES REQUIRED : 1

No.	Description	Date

**VANIER COLLEGE**

PROJECT 2

BRJS

BUILDING BLOCKS  
ACADEMY

COVER PAGE

Project number 221-420-03

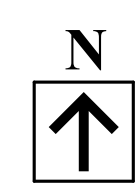
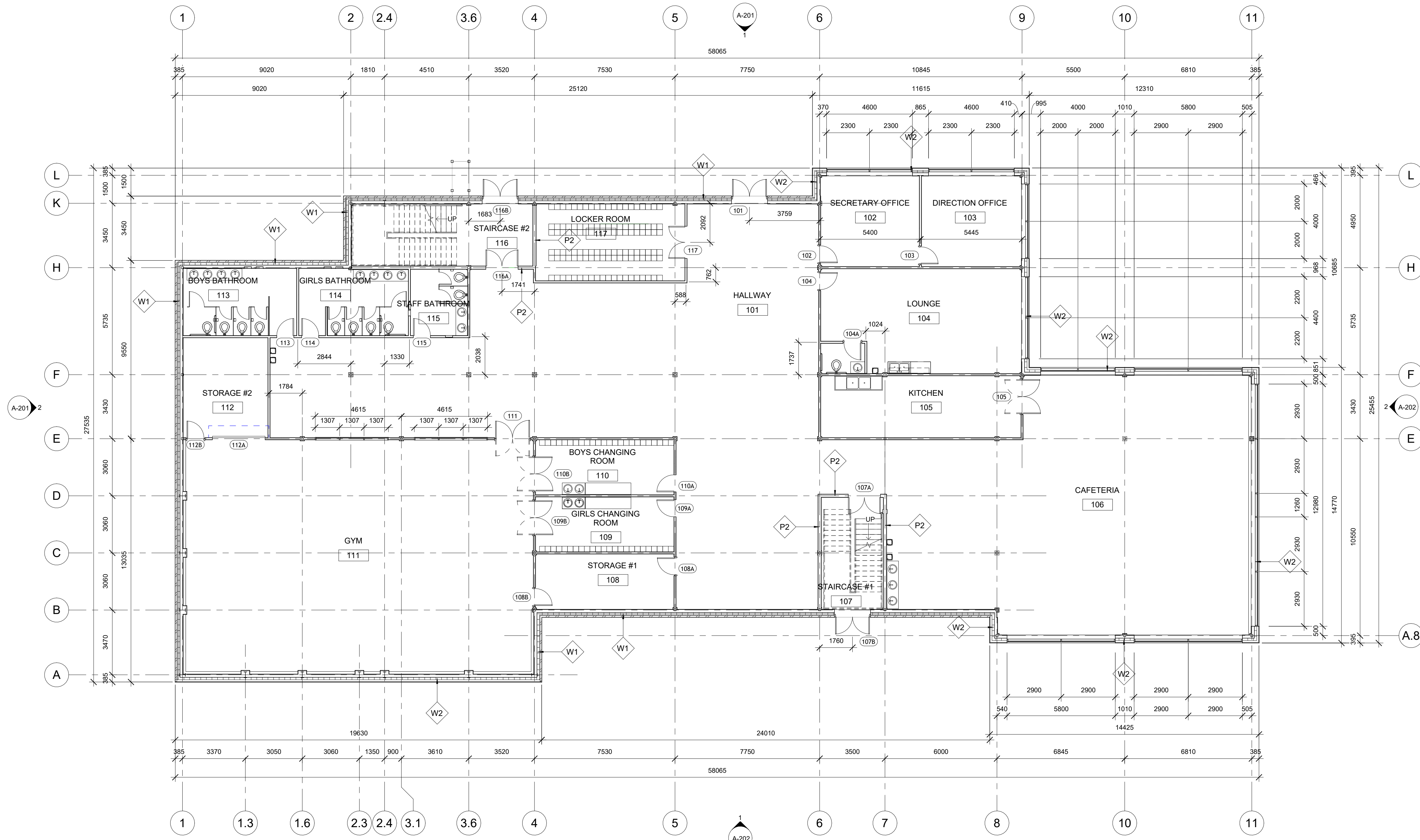
Date 10/04/2025

Drawn by J.SONOKPON

Checked by R.B

**A-000**

Scale NTS



**WALL ASSEMBLIES / ASSEMBLAGES MURAUX**

**W1 - BRICK WALL / MUR EN BRIQUE**  
 - 92mm BRICK / BRIQUE  
 - 38MM AIR SPACE / ESPACE DAIR  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR GYPSUM BOARD / PANNEAU DE GYPSE EXTERIEUR  
 - 152MM METAL STUDS (NO INSULATION) / MONTANTS METALLIQUES (SANS ISOLANT)  
 - 16MM GYPSUM BOARD / PANNEAU DE GYPSE

**W2 - METAL PANEL WALL / MUR EN PANNEAU EN ACIER**  
 - 30MM METAL PANEL / PANNEAU EN ACIER  
 - 100MM Z-BARS / BARRES Z  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR GYPSUM / PANNEAU DE GYPSE EXTERIEUR  
 - 152MM METAL STUDS (NO INSULATION) / MONTANTS EN ACIER (SANS ISOLANT)  
 - 16MM GYPSUM BOARD / PANNEAU DE GYPSE

**PARTITION TYPES / TYPES DE PARTITIONS:**

**P1 - TYPICAL PARTITION / CLOISON TYPIQUE:**  
 - 13MM GYPSUM BOARD / PANNEAU DE GYPSE  
 - 92MM METAL STUDS / MONTANTS EN ACIER  
 - 13MM GYPSUM BOARD / PANNEAU GYPSE

**P2 - FIRE RATED PARTITION / CLOISON COUPE-FEU:**  
 - 13MM GYPSUM BOARD / PANNEAU DE GYPSE  
 - 152MM METAL STUDS / MONTANT EN ACIER  
 - 13MM GYPSUM BOARD / PANNEAU DE GYPSE

**GENERAL NOTES / NOTES GENERALES**

- ALL INTERIOR PARTITIONS ARE TYPE P1, U.O.I.
- ALL DOORS TO BE 150MM FROM ADJACENT WALL, U.O.I.
- ALL DOORS TO BE 915MM WIDE, U.O.I.
- ALL INTERIOR DIMENSIONS ARE TO THE CENTRE OF PARTITION OR DOOR
- TOUTES LES CLOISONS INTERIEURES SONT DE TYPE P1, U.O.I.
- TOUTES LES PORTES DOIVENT ETRE A 150MM DU MUR ADJACENT, U.O.I.
- TOUTES LES PORTES DOIVENT ETRE DE 915MM DE LARGE, U.O.I.
- TOUTES LES DIMENSIONS INTERIEURES SONT AU CENTRE DE LA CLOISON OU DE LA PORTE

No.	Description	Date
1	PLANS AND ELEVATIONS	06/03/2025

**BRJS**

**BUILDING BLOCKS ACADEMY**

**A-101 GROUND FLOOR PLAN / PLAN DU REZ-DE-CHAUSSEE**

Project number **221-420-03**

Date **06/03/2025**

Drawn by **JOHANNA SONOKPON**

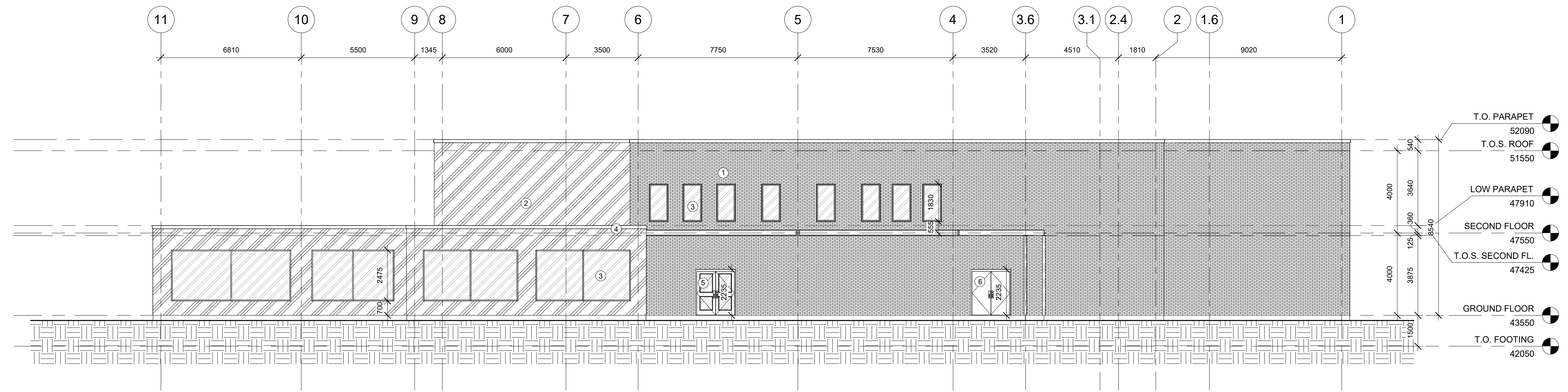
Checked by **R.B**

**A-101**

Scale **As indicated**

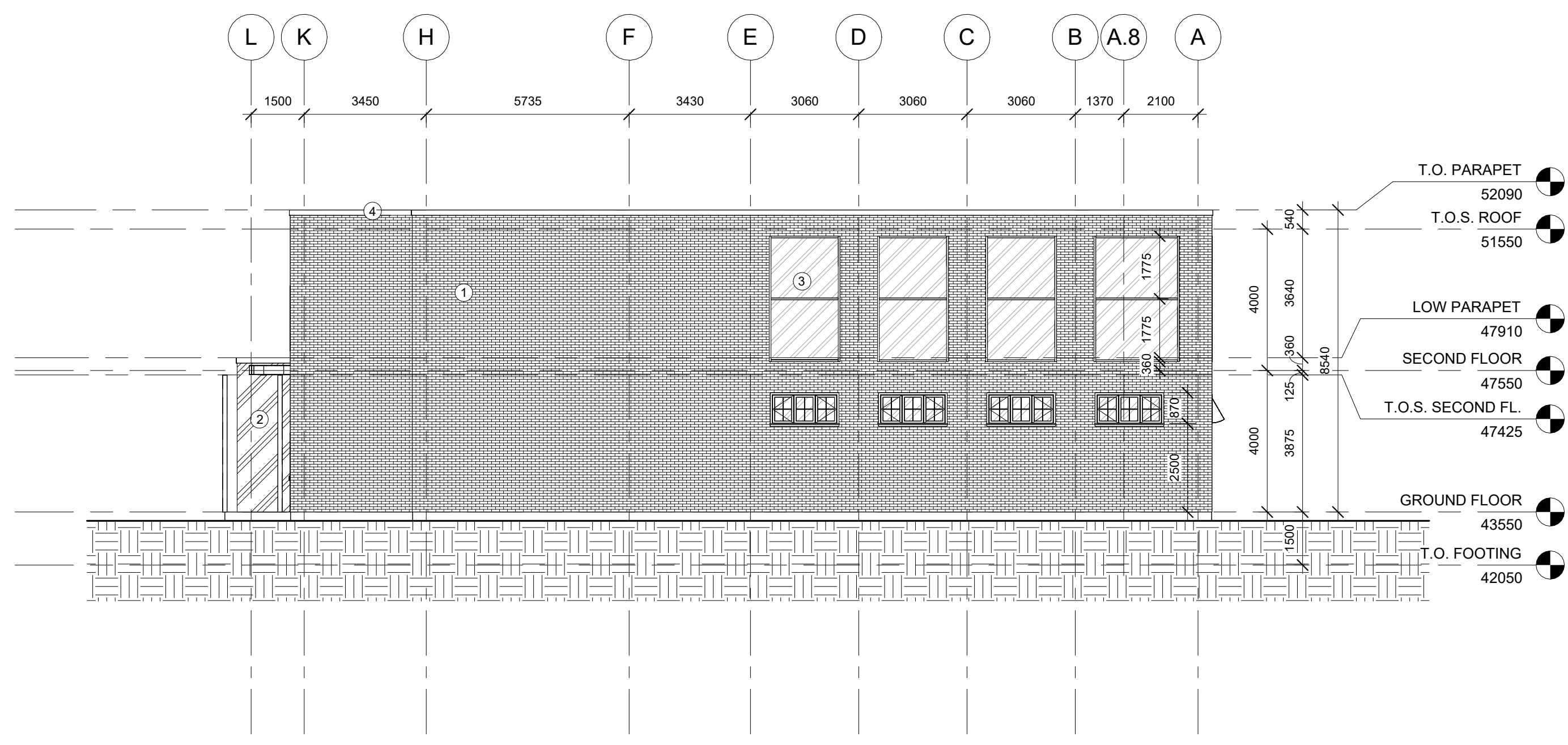
**1 GROUND FLOOR PLAN**  
1 : 100

3/6/2025 6:16:52 PM



1 NORTH ELEVATION  
1 : 100

LEGEND/LÉGENDE	
BRICK / BRIQUE	1
ALUMINIUM / ALUMINIUM	2
GLASS / VITRE	3
FLASHING / SOLIN	4
ALUMINIUM DOOR WITH DOUBLE GLAZING / PORTE EN ALUMINIUM AVEC DOUBLE VITRAGE	5
PAINTED STEEL DOOR / PORTE EN ACIER PEINT	6

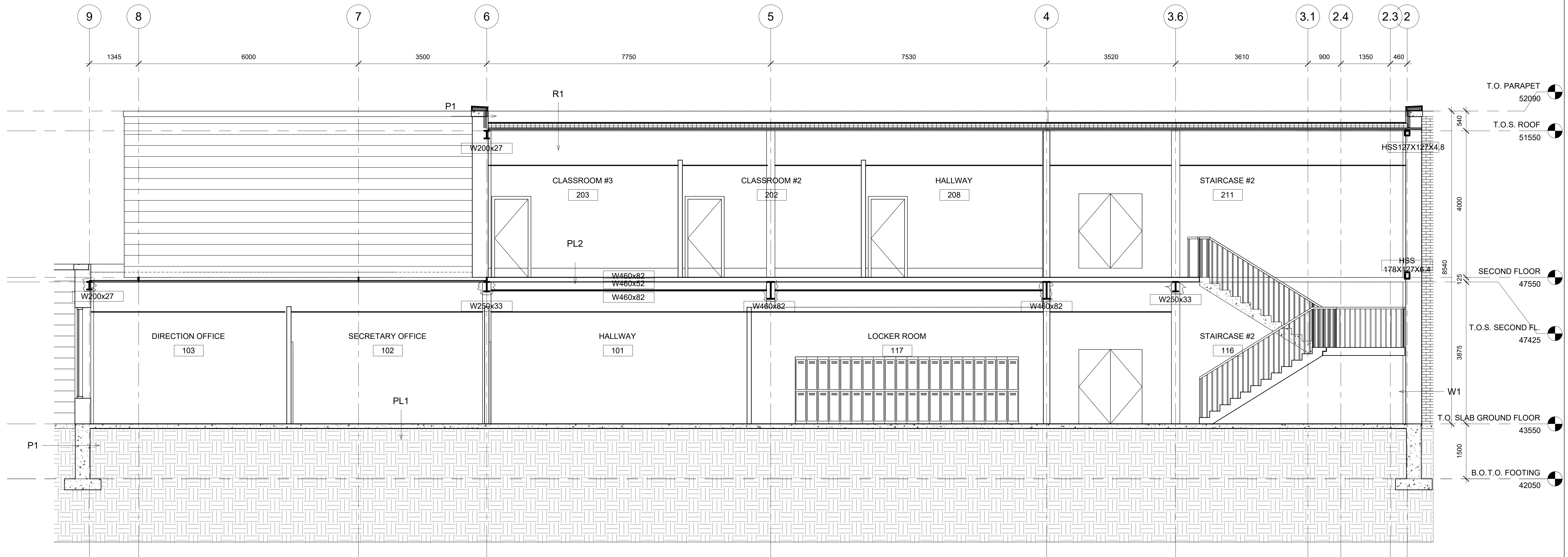


2 WEST ELEVATION  
1 : 100

No.	Description	Date
1	PLANS AND ELEVATIONS	06/03/2025

BRJS	
BUILDING BLOCKS ACADEMY	
BUILDING ELEVATIONS / ELEVATIONS DU BATIMENT	
Project number	221-420-03
Date	06/03/2025
Drawn by	JOHANNA SONOKPON
Checked by	R.B
<b>A-201</b>	
Scale	1 : 100

3/6/2025 6:11:14 PM



**1 BUILDING SECTION**  
1 : 50

**ASSEMBLIES LEGEND**

- W1 - BRICK WALL / MUR EN BRIQUE**  
 - 92MM BRICK / BRIQUE  
 - 38MM AIR SPACE / ESPACE D'AIR  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR GYPSUM BOARD / PANNEAU DE GYPSE EXTERIEUR  
 - 152MM METAL STUDS (NO INSULATION) / MONTANTS METALLIQUES (SANS ISOLANT)  
 - 16MM GYPSUM BOARD / PANNEAU DE GYPSE

- F1 - FOUNDATION WALL / MUR DE FONDATION**  
 - 50MM RIGID INSULATION / ISOLANT RIGIDE PLEINE HAUTEUR  
 - 405MM REINFORCED CONCRETE WALL / MUR DE BêTON ARMê  
 - WATERPROOFING ON WALL / IMPERMêABILISATION

- R1- ROOF ASSEMBLY / ASSEMBLAGE DE TOIT**  
 - TPO ROOF MEMBRANE / MEMBRANE DE TOITURE TPO  
 - 13MM EXTERIOR GYPSUM / PANNEAU DE GYPSE EXTERIEUR  
 - 102MM SLOPED RIGID INSULATION / ISOLANT RIGIDE EN PENTE  
 - 89MM RIGID INSULATION / ISOLANT RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 13MM EXTERIOR GYPSUM / PANNEAU DE GYPSE EXTERIEUR  
 - 38MM METAL DECK / TABLIER MêTALLIQUE

- PT1 - PARAPET**  
 - 92MM BRICK / BRIQUE  
 - 38MM AIR SPACE / ESPACE D'AIR  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR PLYWOOD / CONTREPLAQUê D'EXTêRIEUR  
 - 89MM METAL STUDS SPACED AT 400MM C/C / MONTANTS MêTALLIQUES  
 - BATT INSULATION / ISOLANT EN NATTES  
 - 15MM EXTERIOR PLYWOOD / CONTREPLAQUê D'EXTêRIEUR  
 - ROOF MEMBRANE / MEMBRANE DE TOITURE

- PL1- SLAB ON GRADE / DALLE SUR LE SOL**  
 - FLOOR FINISH / FINI PLANCHER  
 - 150MM CONCRETE SLAB-ON-GRADE (SEE STRUCTURE) / DALLE SUR SOL EN BêTON  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 50MM RIGID INSULATION / ISOLANT RIGIDE  
 - 150MM SAND / SABLE  
 - GRAVEL / PIERRE CONCASSêE

- PL2- SECOND FLOOR SLAB / DALLE AU DEUXIÈME ÉTAGE**  
 - FLOOR FINISH / FINI PLANCHER  
 - 125MM CONCRETE SLAB ON 38MM STEEL DECK / DALLE DE BêTON SUR PONTAGE MêTALLIQUE  
 - OPEN-WEB STEEL JOIST (SEE STRUCTURE) / POULTRÉLLE EN ACIER (VOIR STRUCTURE)

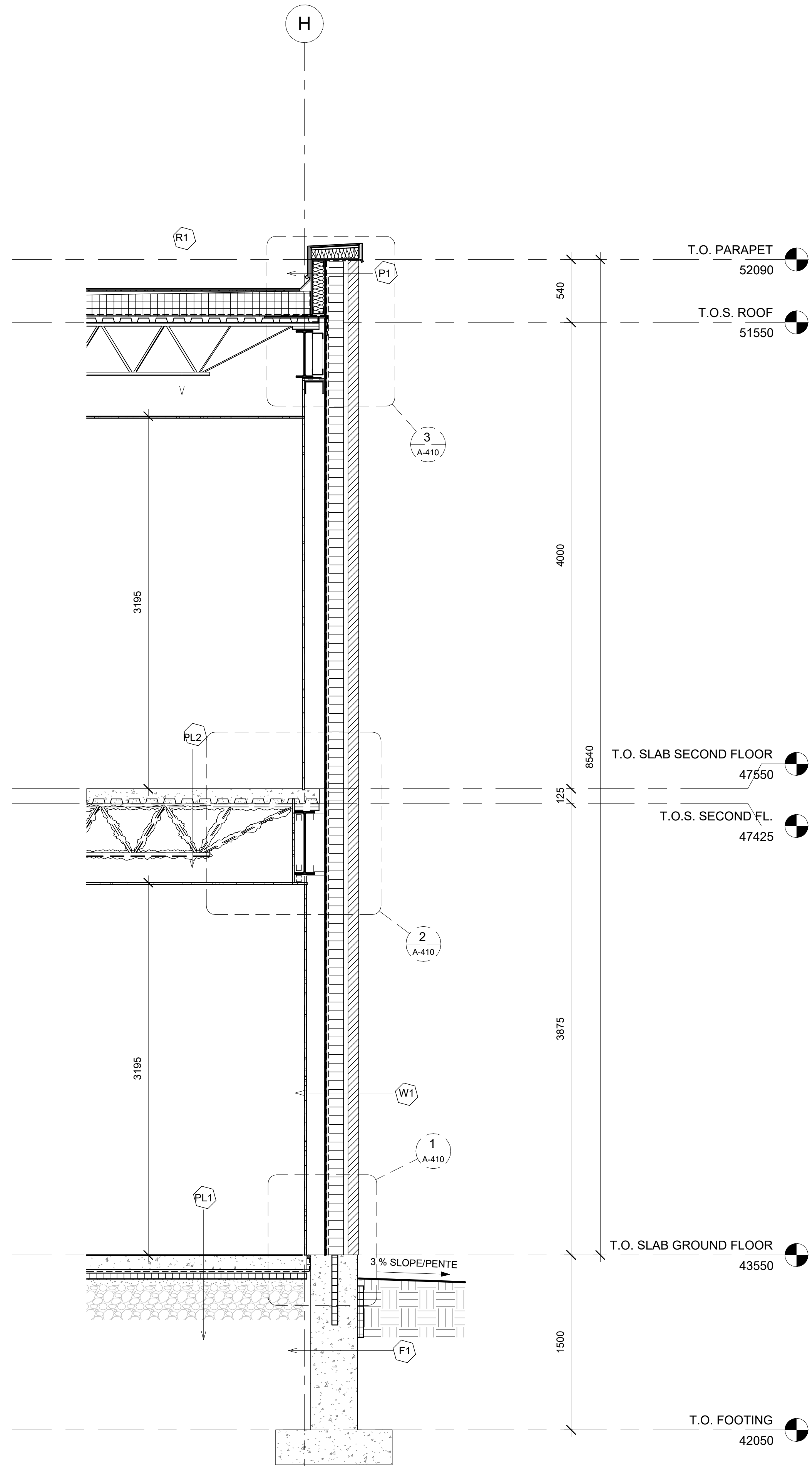
No.	Description	Date

**BRJS**

**BUILDING BLOCKS ACADEMY**

**BUILDING SECTION**

Project number	221-420-03
Date	10/04/2025
Drawn by	JOHANNA SONOKPON
Checked by	Checker
<b>A-300</b>	
Scale	As indicated



**ASSEMBLIES LEGEND**

- W1 - BRICK WALL / MUR EN BRIQUE**  
 - 92mm BRICK / BRIQUE  
 - 38MM AIR SPACE / ESPACE D'AIR  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR GYPSUM BOARD / PANNEAU DE GYPSE EXTERIEUR  
 - 152MM METAL STUDS (NO INSULATION) / MONTANTS METALLIQUES (SANS ISOLANT)  
 - 16MM GYPSUM BOARD / PANNEAU DE GYPSE

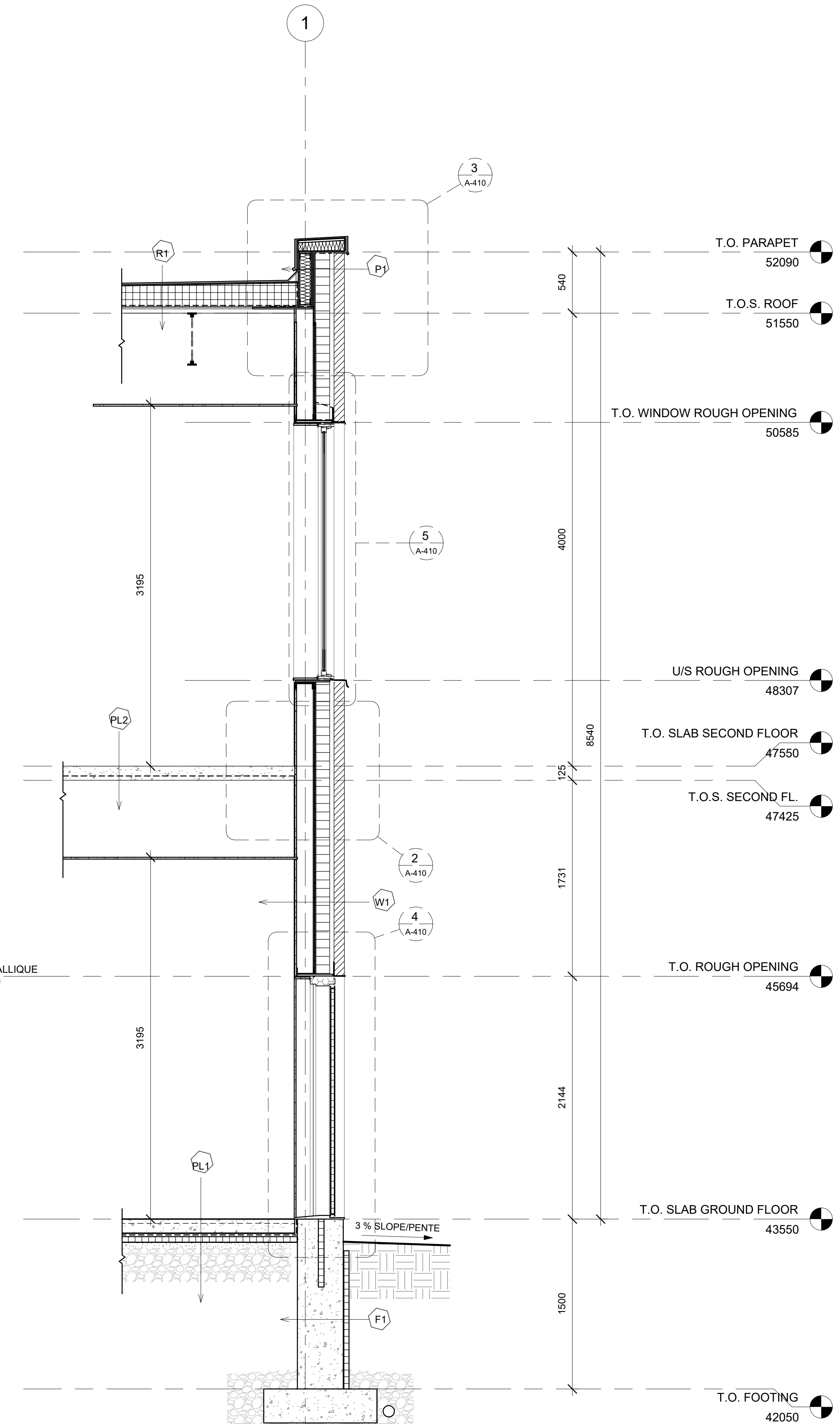
- F1 - FOUNDATION WALL / MUR DE FONDATION**  
 - 50MM RIGID INSULATION / ISOLANT RIGIDE PLEINE HAUTEUR  
 - 405MM REINFORCED CONCRETE WALL / MUR DE BêTON ARMê  
 - WATERPROOFING ON WALL / IMPERMABILISATION

- R1 - ROOF ASSEMBLY / ASSEMBLAGE DE TOIT**  
 - TPO ROOF MEMBRANE / MEMBRANE DE TOITURE TPO  
 - 13MM EXTERIOR GYPSUM / PANNEAU DE GYPSE EXTERIEUR  
 - 102MM SLOPED RIGID INSULATION / ISOLANT RIGIDE EN PENTE  
 - 89MM RIGID INSULATION / ISOLANT RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 13MM EXTERIOR GYPSUM / PANNEAU DE GYPSE EXTERIEUR  
 - 38MM METAL DECK / TABLIER MêTALLIQUE

- P1 - PARAPET**  
 - 92MM BRICK / BRIQUE  
 - 38MM AIR SPACE / ESPACE D'AIR  
 - 125MM SEMI-RIGID INSULATION / ISOLANT SEMI-RIGIDE  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 10MM EXTERIOR PLYWOOD / CONTREPLAQUê D'EXTêRIEUR  
 - 89MM METAL STUDS SPACED AT 400MM C/C / MONTANTS MêTALLIQUES  
 - BATT INSULATION / ISOLANT EN NATTES  
 - 15MM EXTERIOR PLYWOOD / CONTREPLAQUê D'EXTêRIEUR  
 - ROOF MEMBRANE / MEMBRANE DE TOITURE

- PL1 - SLAB ON GRADE / DALLE SUR LE SOL**  
 - FLOOR FINISH / FINI PLANCHER  
 - 150MM CONCRETE SLAB-ON-GRADE (SEE STRUCTURE) / DALLE SUR SOL EN BêTON  
 - VAPOUR BARRIER / PARE-VAPEUR  
 - 50MM RIGID INSULATION / ISOLANT RIGIDE  
 - 150MM SAND / SABLE  
 - GRAVEL / PIERRE CONCASSêE

- PL2 - SECOND FLOOR SLAB / DALLE AU DEUXIêME ÉTAGE**  
 - FLOOR FINISH / FINI PLANCHER  
 - 125MM CONCRETE SLAB ON 38MM STEEL DECK / DALLE DE BêTON SUR PONTAGE MêTALLIQUE  
 - OPEN-WEB STEEL JOIST (SEE STRUCTURE) / POUTRELLE EN ACIER (VOIR STRUCTURE)  
 - 1-HOUR SPRAY-APPLIED FIREPROOFING / IGNIFUGE GICLê



1 BRICK WALL SECTION  
1 : 25

2 BRICK WALL SECTION WITH OPENINGS  
1 : 25

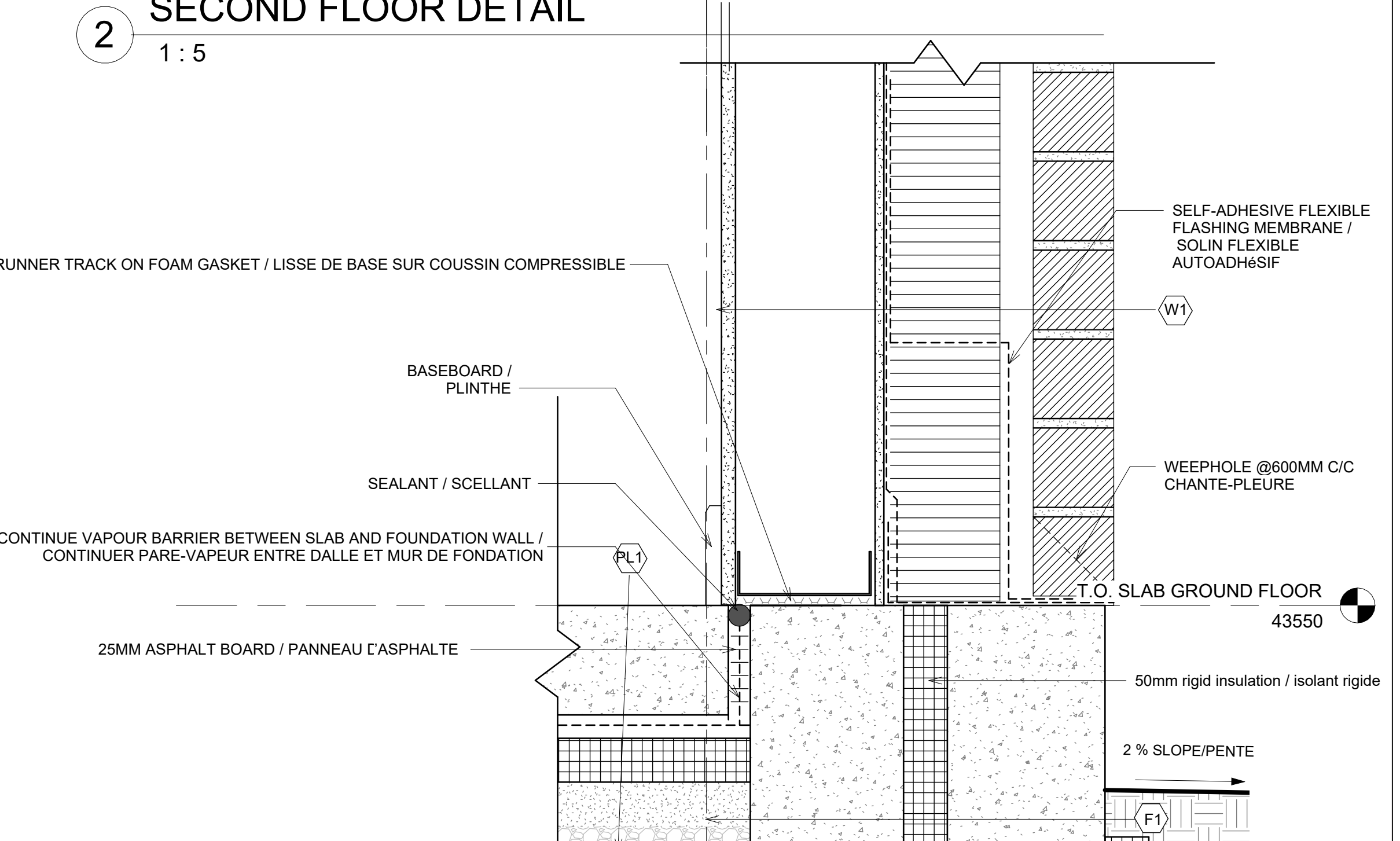
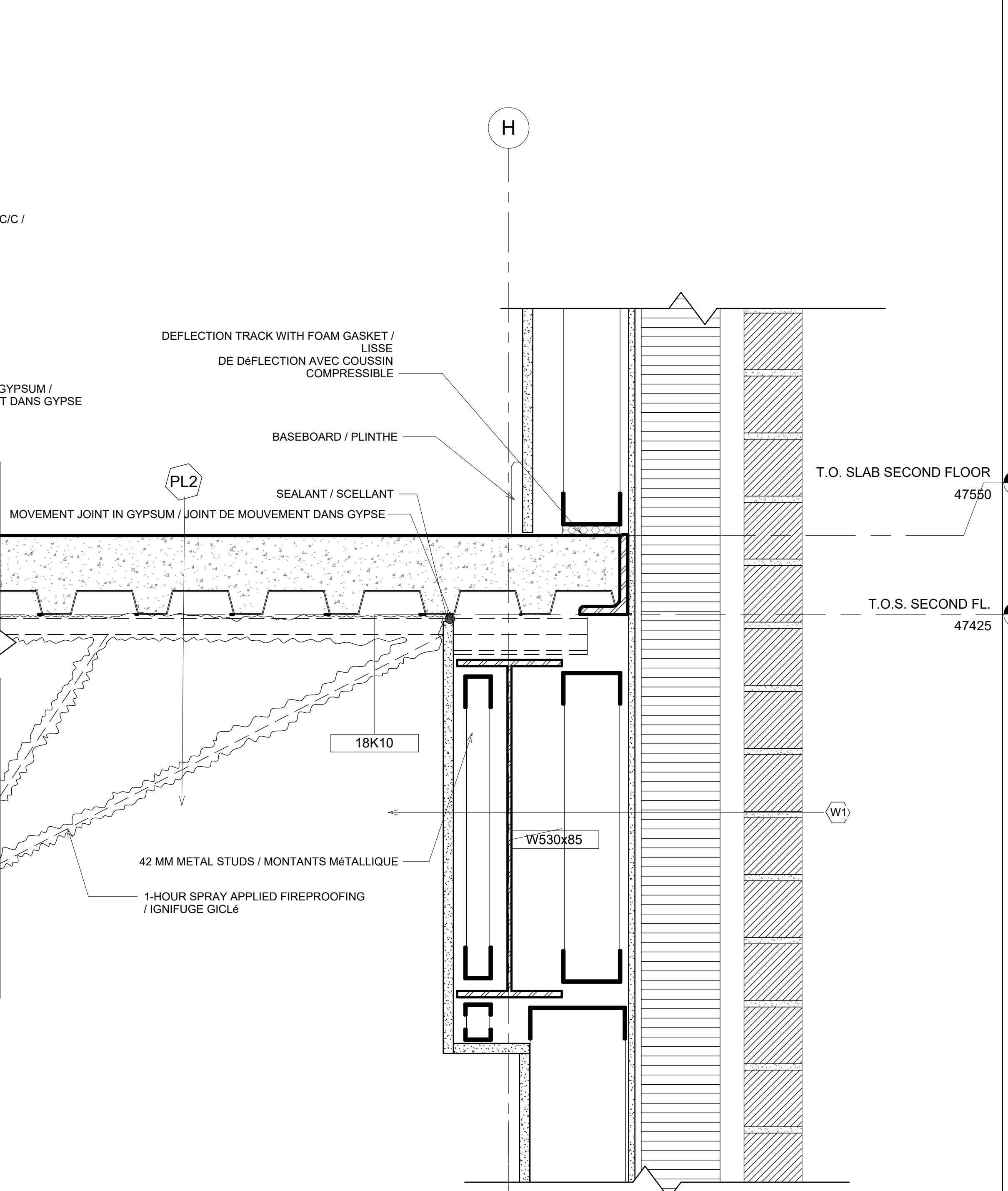
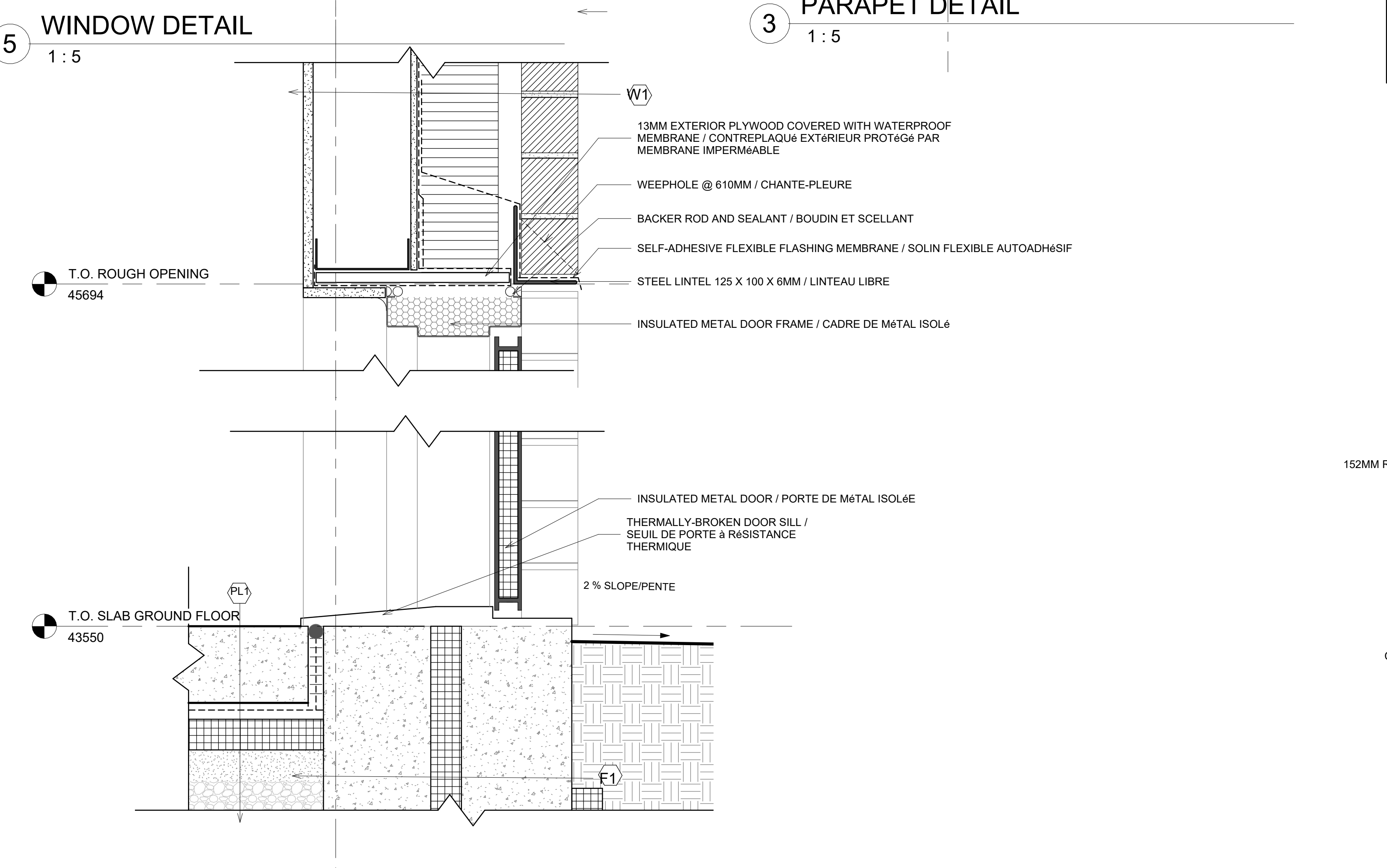
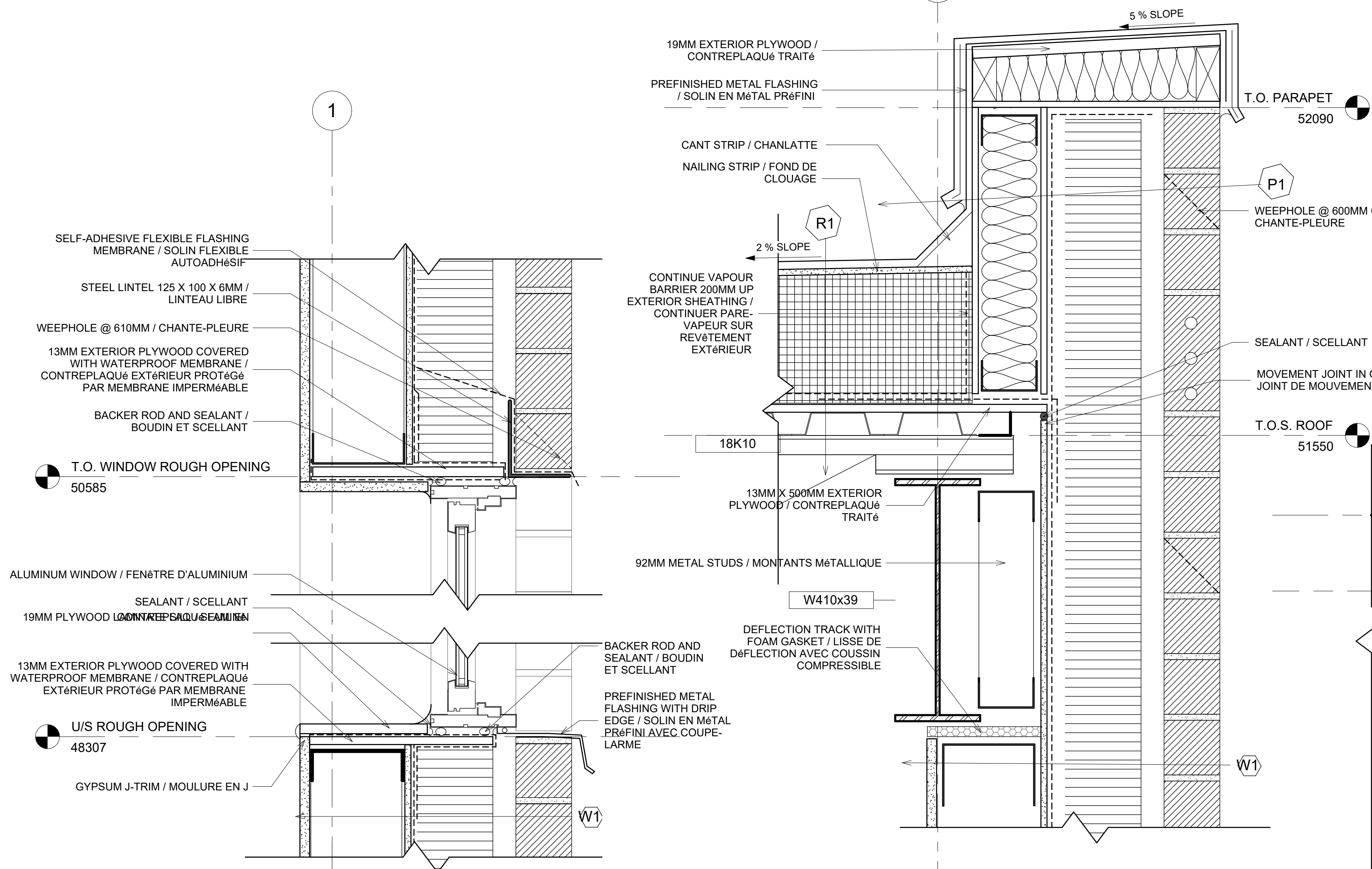
No.	Description	Date
1	WALL SECTIONS & DETAILS	02/05/2025

BRJS  
BUILDING BLOCKS ACADEMY

WALL SECTIONS/COUPES DE MURS

Project number	221-420-03
Date	02/05/2025
Drawn by	J.SONOKPON
Checked by	R.B.

A-400  
As indicated

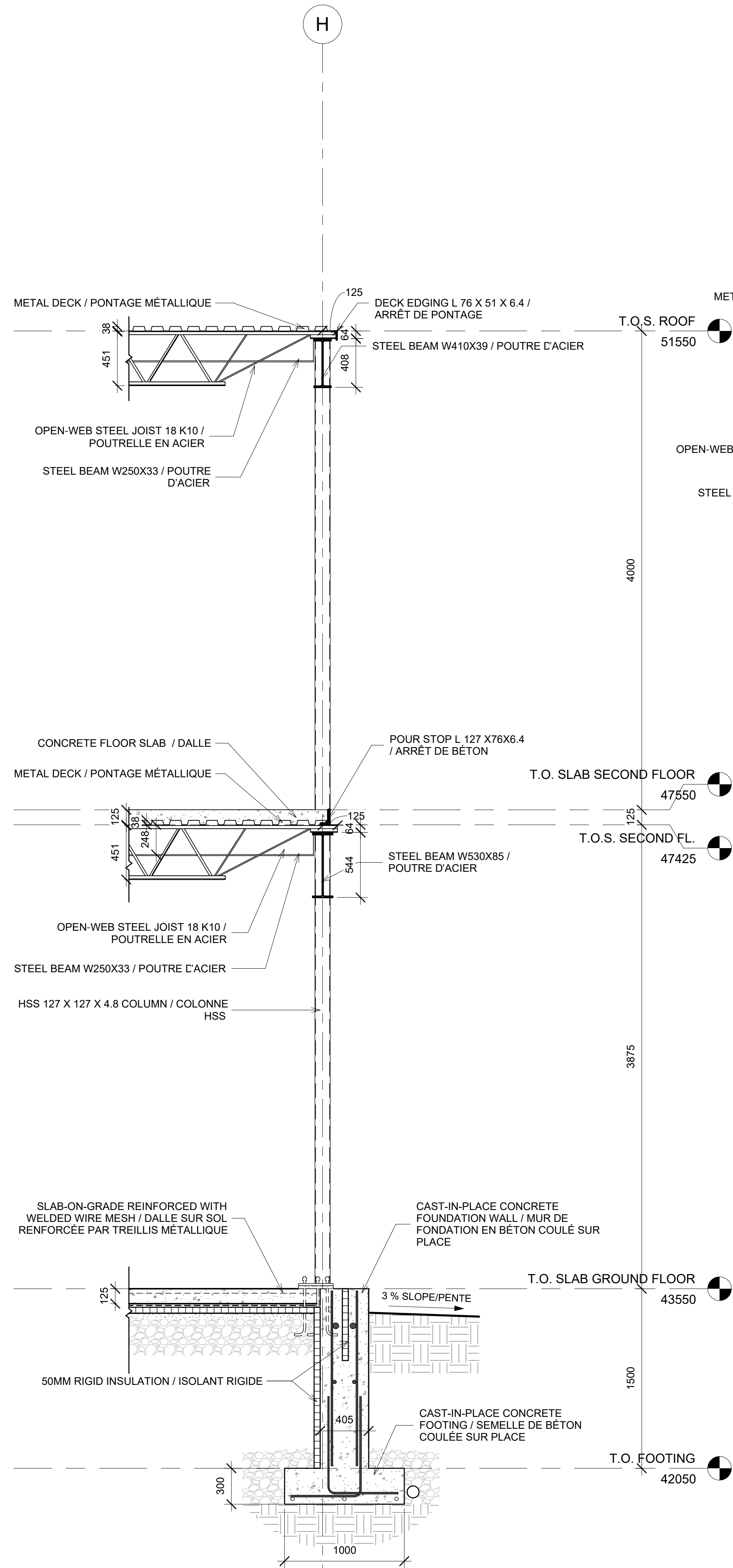


No.	Description	Date
1	WALL SECTIONS & DETAILS	02/05/2025

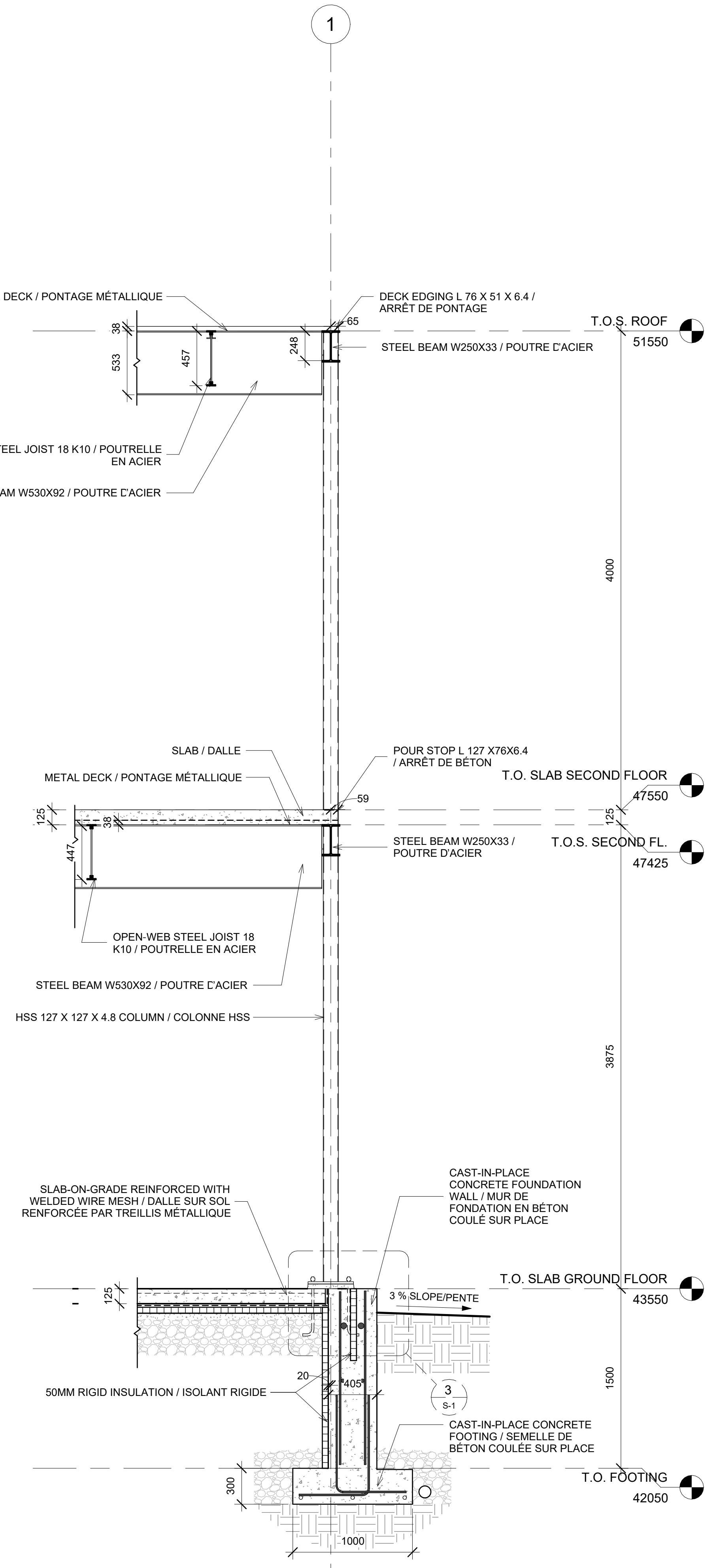
<b>BRJS</b>		
<b>BUILDING BLOCKS ACADEMY</b>		
<b>DETAILS/DÉTAILS</b>		
Project number	221-420-03	
Date	02/05/2025	
Drawn by	J.SONOKPON	
Checked by	R.B	

**A-410**

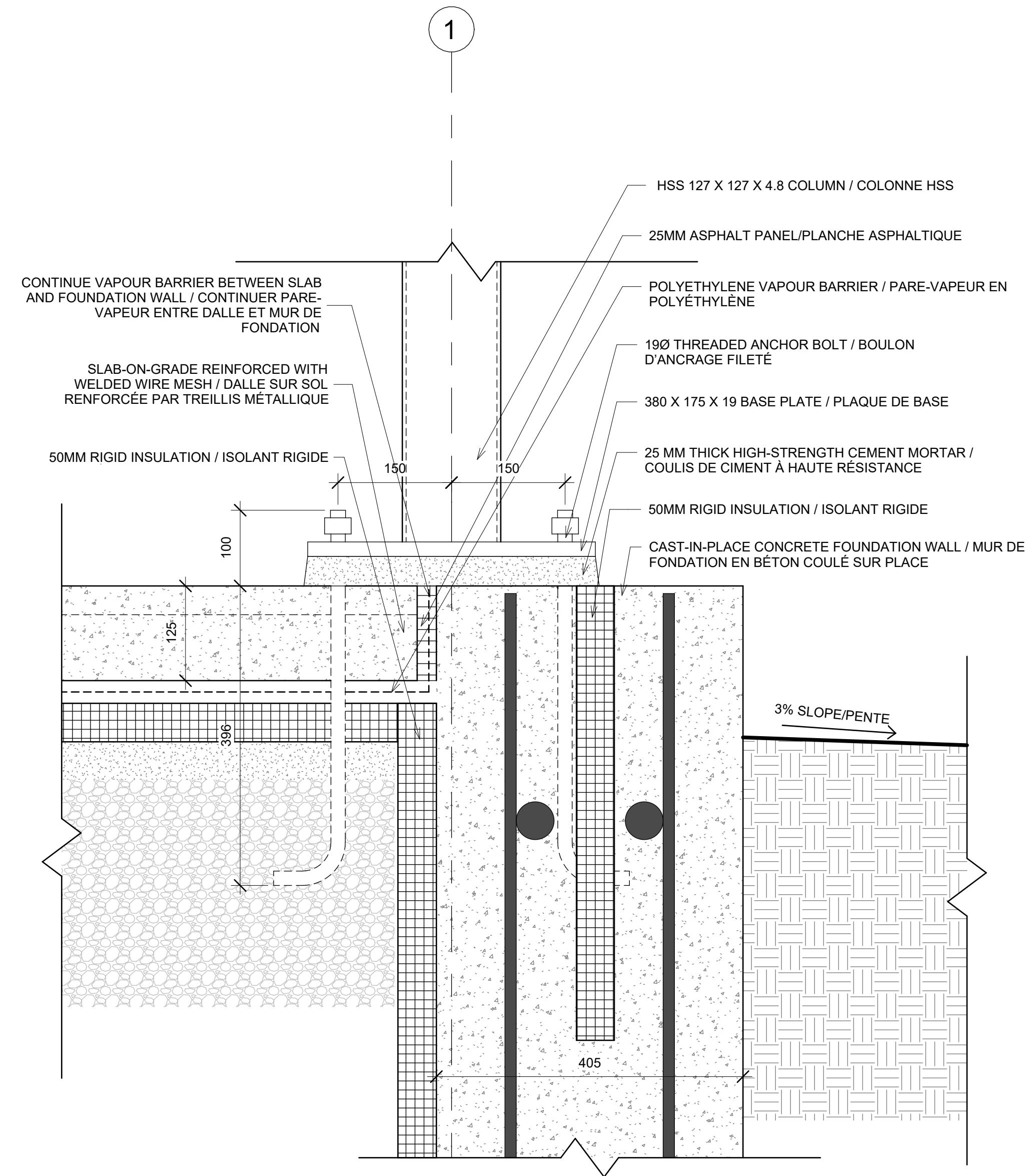
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1 Section through Gridline H  
1 : 25



2 Section through Gridline 1  
1 : 25



3 BASEPLATE DETAIL  
1 : 5

No.	Description	Date
1	STEEL SECTIONS & DETAIL	10/04/2025

**BRJS**

**BUILDING BLOCKS ACADEMY**

**STRUCTURAL SECTIONS AND DETAIL / COUPES ET DÉTAIL EN STRUCTURE**

Project number 221-420-03  
 Date 10/04/2025  
 Drawn by J.SONOKPON  
 Checked by R.B

**S-1**

As indicated