

PÊ SÂKÂSTÊW CENTRE MASKWACIS, ALBERTA VOCATIONAL FACILITY DESIGN

INTENT FOR PROJECT:

- PROVIDING A NEW FULLY ENCLOSED PRE-FABRICATED BUILDING .

DRAWING LIST:

ARCHITECTURAL

- A000 - COVER SHEET
- A100 - SITE PLAN
- A101 - VOCATIONAL FACILITY FLOOR & ROOF PLAN
- A102 - VOCATIONAL FACILITY ELEVATIONS
- A103 - VOCATIONAL FACILITY BUILDING & WALL SECTIONS
- A104 - VOCATIONAL FACILITY SCHEDULES & TYPICAL DETAILS

STRUCTURAL

- S101 - VOCATIONAL FACILITY DESIGN NOTES AND TABLES
- S102 - VOCATIONAL FACILITY TYPICAL DETAILS
- S201 - VOCATIONAL FACILITY PLANS AND SCHEDULES

MECHANICAL

- M101 - MAIN FLOOR MECHANICAL PLAN

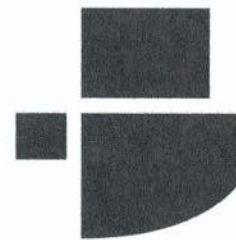
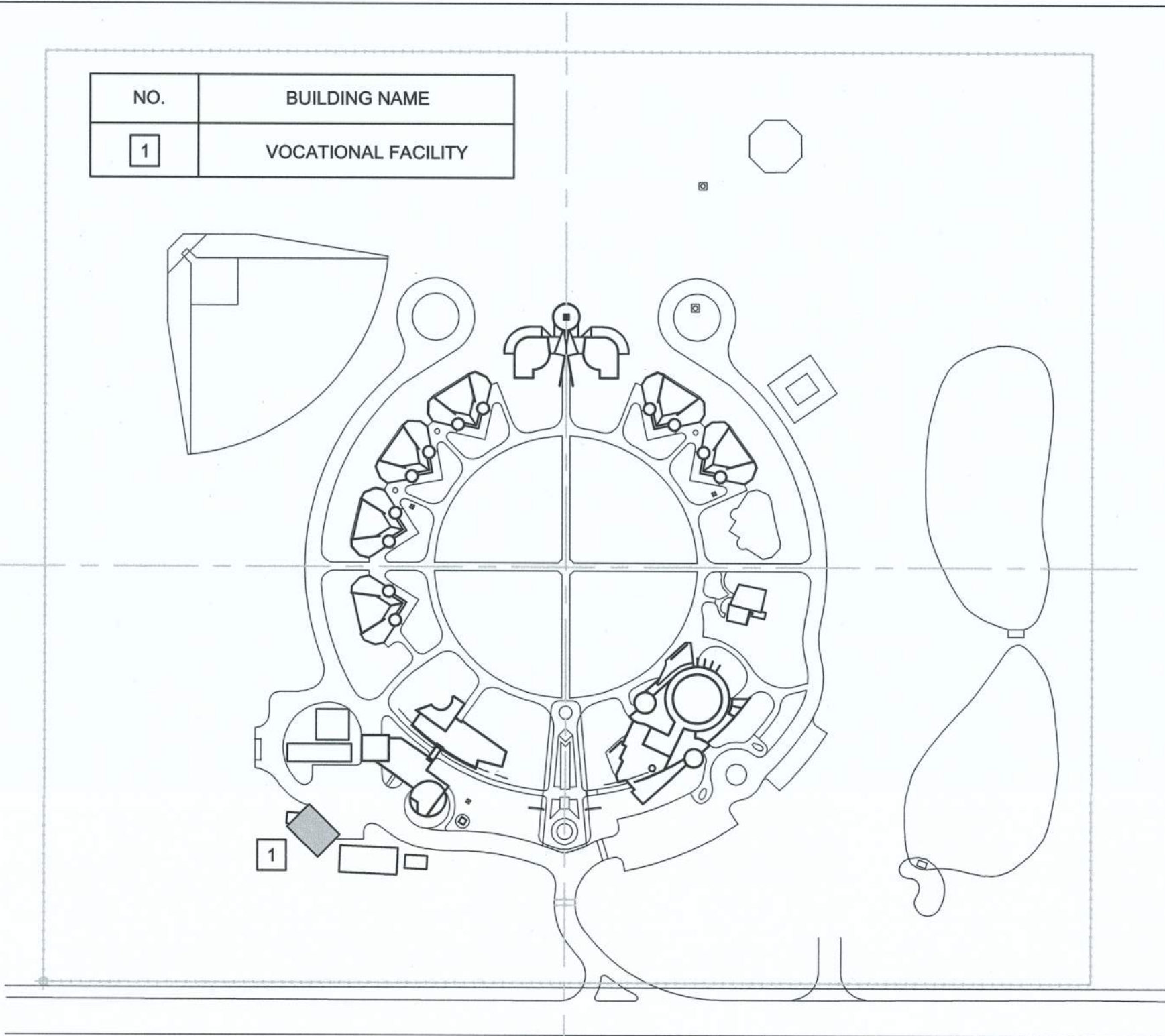
ELECTRICAL

- E-1.0 - ELECTRICAL - MAIN FLOOR LIGHTING AND POWER LAYOUTS
- E-2.0 - ELECTRICAL - SCHEDULES

CIVIL

- C - 1 - SITE GRADING PLAN

KEY PLAN :



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DO NOT SCALE DRAWINGS

Revision/Revised	Description/Description	Date/Date
4	ISSUED FOR TENDER	18/12/11
3	RE-ISSUED FOR 99% REVIEW	18/11/22
2	ISSUED FOR TENDER	16/01/05
1	ISSUED FOR 99% REVIEW	15/08/27
0	ISSUED FOR 50% REVIEW	15/06/17

Client/client

PUBLIC WORKS AND
GOVERNMENT SERVICES
CANADA

Project title/Titre du projet

PÊ SÂKÂSTÊW CENTRE
MASKWACIS, ALBERTA
VOCATIONAL FACILITY DESIGN

Approved by/Approuvé par
GBB

Designed by/Concept par
CG

Drawn by/Dessiné par
TB

PWGSC Project Manager/Administrateur de Projets TPSGC
JAMES PATTISON

PWGSC Architectural and Engineering Resources Manager/
Ressources Architectural et de Directeur d'ingénierie, TPSGC

Client/client

Drawing title/Titre du dessin

COVER SHEET

Project No./No. du
projet
R.072604.001

Sheet/Feuille
A000
OF 6

Revision no./
La Révision
no.
4

NATIONAL BUILDING CODE 2015 REVIEW
VOCATIONAL FACILITY

Regulation: Requirement:

Building Classification:	
Work Shop 3.2.2.87.	Group F, Division 3 Occupancy up to 1 storey
Building Height:	Not more than 1 Storey
Building Area:	Not more than 5,600 m2 in Area facing one street.

Work Shop
3.2.2.87
Group F, Division 3, up to 1 Storey

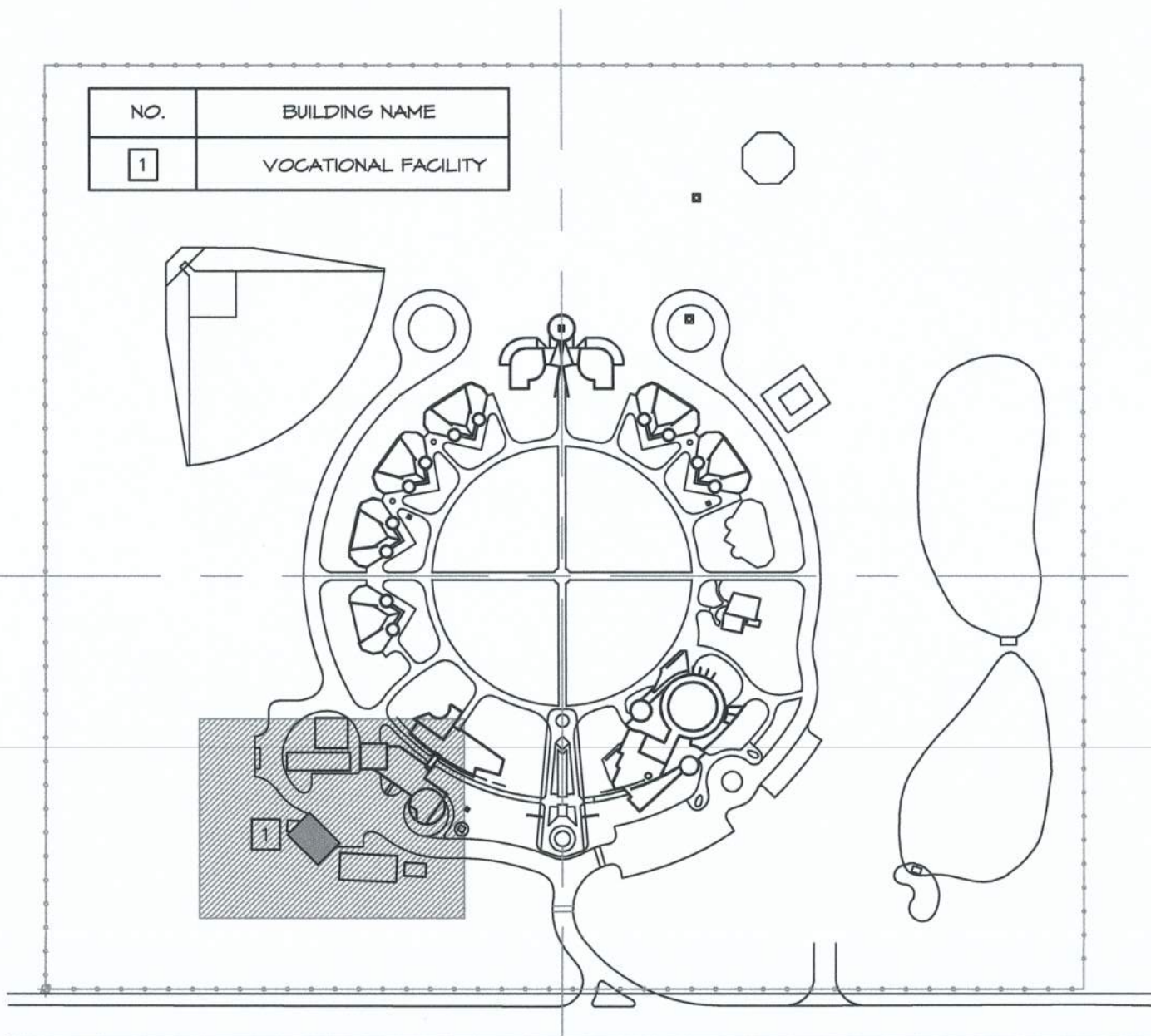
Construction: 3.2.2.87 (1)	Heavy Timber or Non-combustible Construction
Floors:	Noncombustible
Walls:	Not Applicable
Roofs:	Not Applicable
Number and Location of Exits: 3.4.2.1. (1)	Every floor area intended for occupancy shall be served by at least 2 exits.
Location of Exits: 3.4.2.5. (1)(b)	40m to 1 (one) exit Business and Personal Services
Exit Width: 3.4.3.2.(1)(a)	The minimum aggregate required width of exits serving floor areas intended for Business & Personal Services occupancies shall be determined by multiplying the occupant load of the area served by 6.1mm per person for ramps no more than 1 in 8, doorways, corridors and passageways.
Public Corridor: Separation 3.3.1.4.(2)	The fire separation between a public corridor and the remainder of the storey shall have a Fire-resistance of not less than 45min.
Storage Rooms: 3.3.4.3.(2)	Storage room shall be separated from the remainder of the building by a fire separation having fire-resistance rating not less than 1hr.
Service Rooms: 3.6.2.1.(1)	Fuel fired appliances shall be installed in service rooms separated from the remainder of the building by fire separations having a fire resistance rating not less than 1 Hour.

DRAWING SYMBOLS LEGEND

	DOOR TAG REFER TO SCHEDULE
	WINDOW TYPE TAG, REFER TO SCHEDULE
ROOM NAME	ROOM TAG
	SECTION 4 ELEVATION INDICATOR
	SECTION #
	VIEW DIRECTION OF ELEVATION
	PAGE CROSS REFERENCE
	LEVEL NAME
	ELEVATION INDICATOR
	CEILING HEIGHT INDICATOR
	FLOOR LEVEL INDICATOR
	KEYNOTE INDICATOR
	MILLWORK KEYNOTE INDICATOR
	WALL TYPE SYMBOL
	ROOF TYPE SYMBOL
	FLOOR TYPE SYMBOL
	NORTH ARROW

GENERAL NOTES:

- DO NOT SCALE DRAWINGS.
- CO-ORDINATE INFORMATION FROM ALL ARCHITECTURAL DOCUMENTS. IF DISCREPANCIES ARE FOUND REPORT THEM TO THE DEPARTMENTAL REPRESENTATIVE.
- CONFIRM ALL DIMENSIONS ON SITE AND REPORT ALL DISCREPANCIES TO THE DEPARTMENTAL REPRESENTATIVE.
- ALL WORK IS TO COMPLY WITH THE REQUIREMENTS OF THE 2015 NATIONAL BUILDING CODE & LOCAL ORDINANCES.
- CO-ORDINATE DIMENSIONS REQUIRED FOR THE FITTING OF ALL COMPONENTS AS NECESSARY TO ENSURE THEIR SOUND INSTALLATION AND OPERATION UPON COMPLETION.
- DEPARTMENTAL REPRESENTATIVE HAS FIRST RIGHT OF REFUSAL FOR SALVAGE ITEMS IN LOCATIONS SPECIFIED.



EXTERIOR WALL ASSEMBLIES LEGEND

	W1 EXTERIOR WALL PRE-FINISHED METAL INSULATED WALL PANEL (MIN. R VALUE 23) STEEL GIRTS (PROVIDE BY PRE-ENGINEERED METAL BUILDING SUPPLIER) 89mm METAL STUDS @ 400mm O.C. 1 LAYER 16mm PLYWOOD SHEATING
	W1a FURRING COLUMN PRE-FINISHED METAL INSULATED WALL PANEL (MIN. R VALUE 23) STEEL GIRTS (PROVIDED BY PRE-ENGINEERED METAL SUPPLIER) COLUMN (PROVIDED BY PRE-ENGINEERED METAL BUILDING SUPPLIER) 38mm METAL STUDS FURRING STUDS 1 LAYER 16mm PLYWOOD SHEATING
	W2 EXTERIOR WALL LEAN ON SHED METAL CLADDING 38mm X 89mm S.P.F. WOOD STRAPPING @600 O.C. STEEL GIRTS (PROVIDE BY PRE-ENGINEERED METAL BUILDING SUPPLIER)

FOUNDATION WALL ASSEMBLIES LEGEND

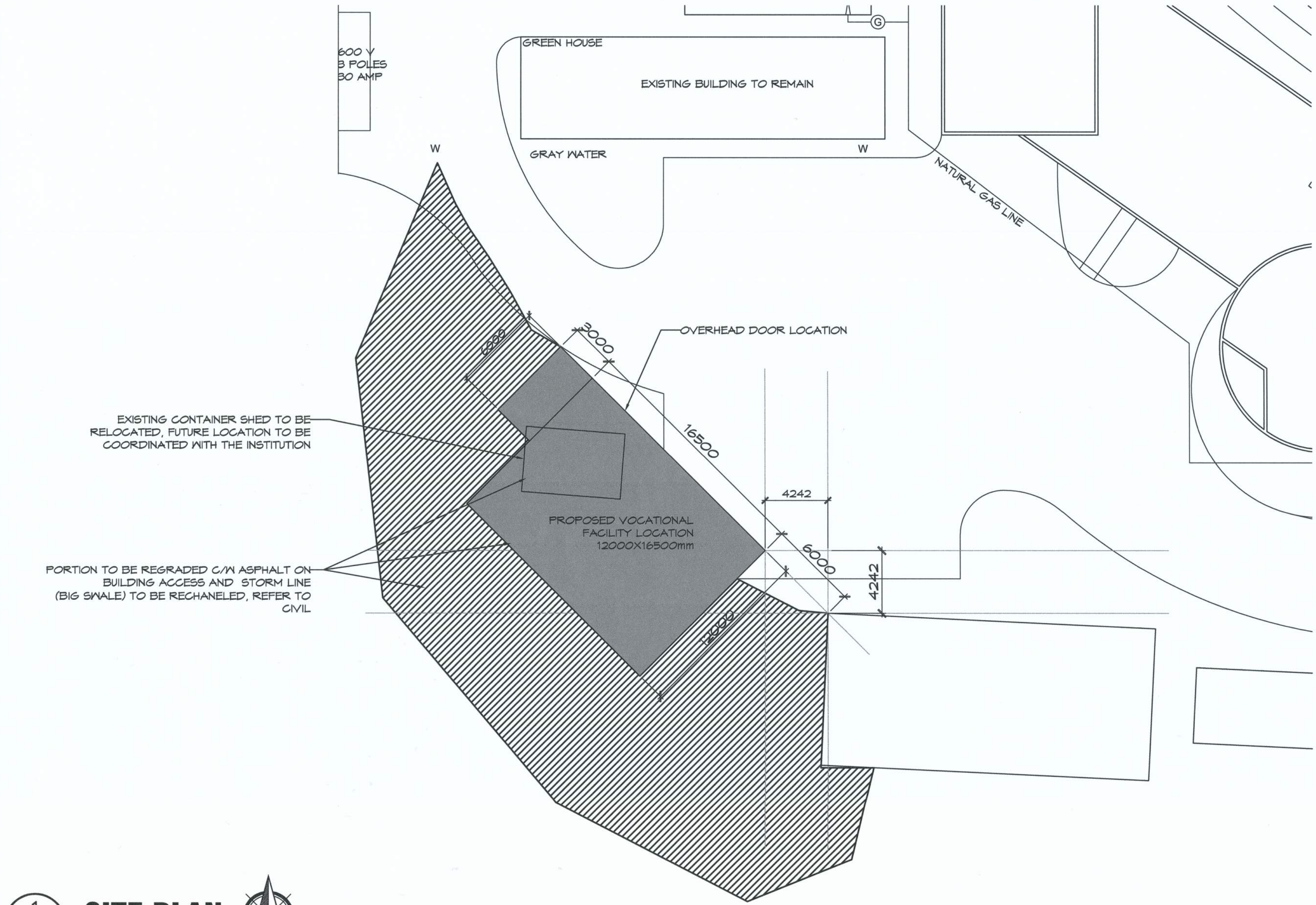
	FT1 FOUNDATION WALL PAVING ABOVE GRADE 76.2mm RIGID INSULATION DRAINAGE MAT MOISTURE SELF-ADHERED MEMBRANE FOUNDATION WALL (REFER TO STRUCTURAL)
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FLOOR ASSEMBLIES LEGEND

	F1 CONCRETE SLAB (REFER TO STRUCTURAL) 10 mil POLY MOISTURE/VAPOUR BARRIER 38mm RIGID INSULATION UP TO 1200mm FROM THE FOUNDATION WALL COMPACTED GRAVEL FILL (REFER TO GEOTECHNICAL AND STRUCTURAL UNDISTURBED SOIL)
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ROOF ASSEMBLIES LEGEND

	R1 PRE-FINISHED STANDING SEAM METAL ROOFING SYSTEM BATT INSULATION C/W CLIPS R34 PRE-FINISHED METAL LINER / VAPOUR BARRIER PRE-ENGINEERED STEEL STRUCTURE
	R2 PRE-FINISHED STANDING SEAM METAL ROOFING SYSTEM PRE-ENGINEERED STEEL STRUCTURE Z GIRTS @ 1200mm O.C.



1 SITE PLAN
SCALE= 1:200

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada
REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

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**PÈ SĀKĀSTĒW CENTRE
MASKWACIS, ALBERTA
VOCATIONAL FACILITY DESIGN**

Approved by/Approuvé par GBB
Designed by/Concept par CG
Drawn by/Dessiné par TB
PWGSC Project Manager/Administrateur de Projets TPSSG JAMES PATTISON
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'ingénierie, TPSSG
Client/client PWGSC
Drawing title/Titre du dessin SITE PLAN

Project No./No. du projet R.072604.001	Sheet/Feuille A100 OF 6	Revision no./La Révision no. 4
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- 1 PREFINISHED CORRUGATED METAL ROOF
- 2 PRE-FINISHED METAL INSULATED WALL PANEL
- 3 PREFINISHED INSULATED METAL DOOR
- 4 PREFINISHED METAL OVERHEAD DOOR, C/W
SUNSHINE PANELS LOCATED IN THIRD DOOR PANEL
- 5 EXHAUST FAN REFER TO MECHANICAL
- 6 PREFINISHED METAL GUTTER
- 7 PREFINISHED METAL DOWNSPOUT C/W SPLASHPAD
- 8 FIBER GLASS WINDOW
- 9 PREFINISHED METAL RIDGE CAP
- 10 PREFINISHED METAL FLASHING
- 11 ROOF MOUNTED GOOSENECK INLET AIR INTAKE
- 12 SNOW STOP
- 13 PREFINISHED METAL CLADDING

ROOM FINISH LEGEND

FC	FINISHED CONCRETE
PW	PLYWOOD SHEATHING
LP	LINER PANEL

 WALL MOUNT LIGHT FIXTURE
(COORDINATE WITH ELECTRICAL)



101
VOCATIONAL
FACILITY

2 LAYERS OF 15.8mm TYPE 'X'
GYPSUM BOARD
FOR 1HR SPATIAL
SEPARATION, C/W
PRE-MANUFACTURED
GALVANIZED METAL PEG
BOARD/TOOL ORGANIZATION
KITS (1200X600mm-8PC,
INSTALLED AT 900 HIGH
FROM FINISHED FLOOR) AND
BLOCKING TO SUIT ALL
ACCESSORIES ON WALLS

W1

LOOSE INSULATION
AS REQUIRED
(N.I.C.)

C

CORNER TRIM

SPLASH PAD

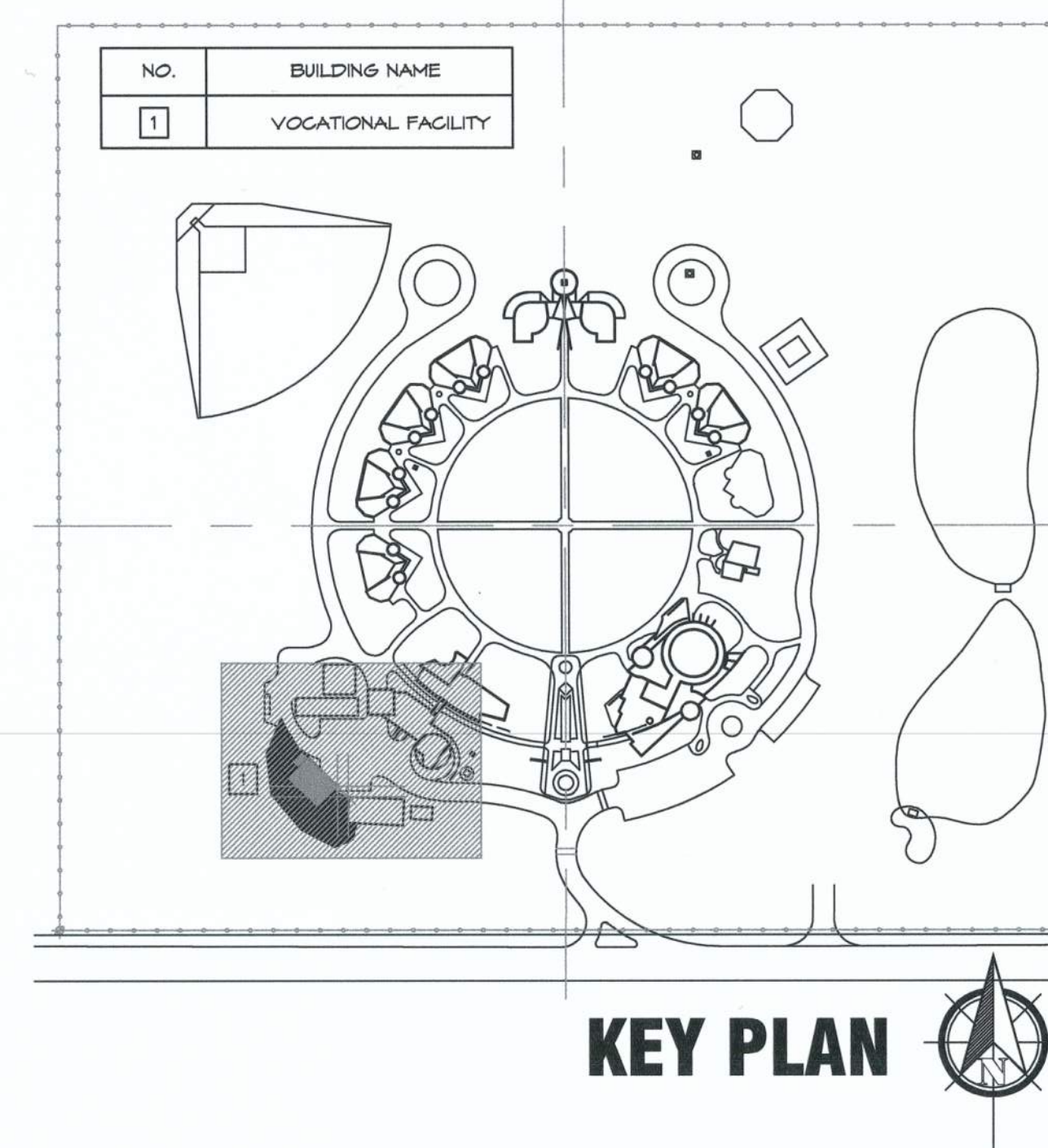
W1a

W1

C
A105

CORNER WALL DETAIL

SCALE= 1:10



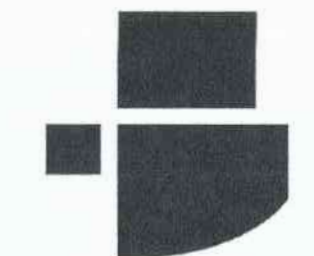
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PWGSC Project Manager/Administrateur de Projets TPSGC JAMES PATTISON
PWGSC, Architectural and Engineering Resources Manager/ Ressources Architectural et de Directeur d'Ingénierie, TPSGC
Client/client PWGSC
Drawing title/Titre du dessin VOCATIONAL FACILITY FLOOR & ROOF PLAN

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Client/client
PWGSC

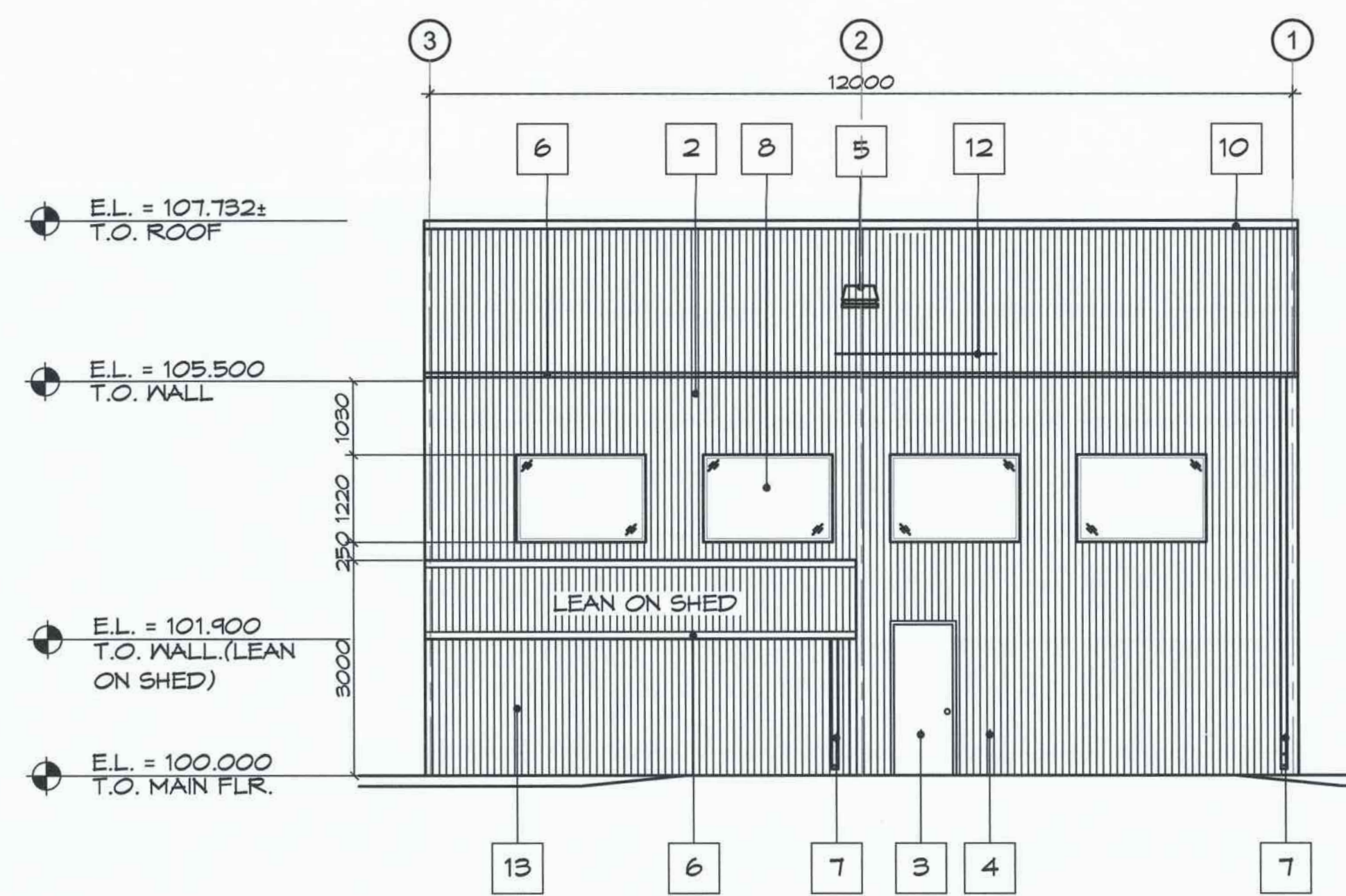
Drawing title/Titre du dessin

VOCATIONAL FACILITY
ELEVATIONS

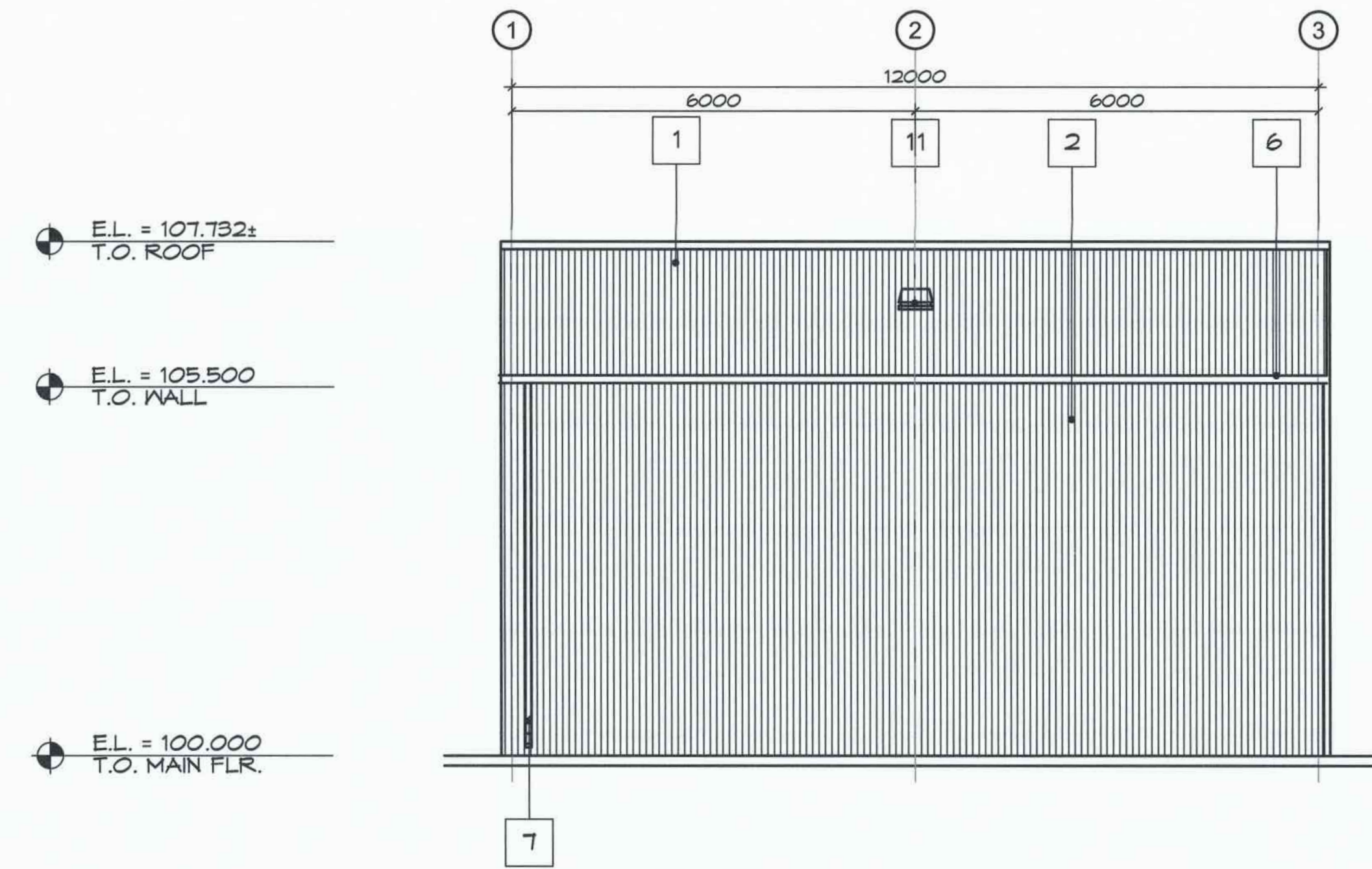
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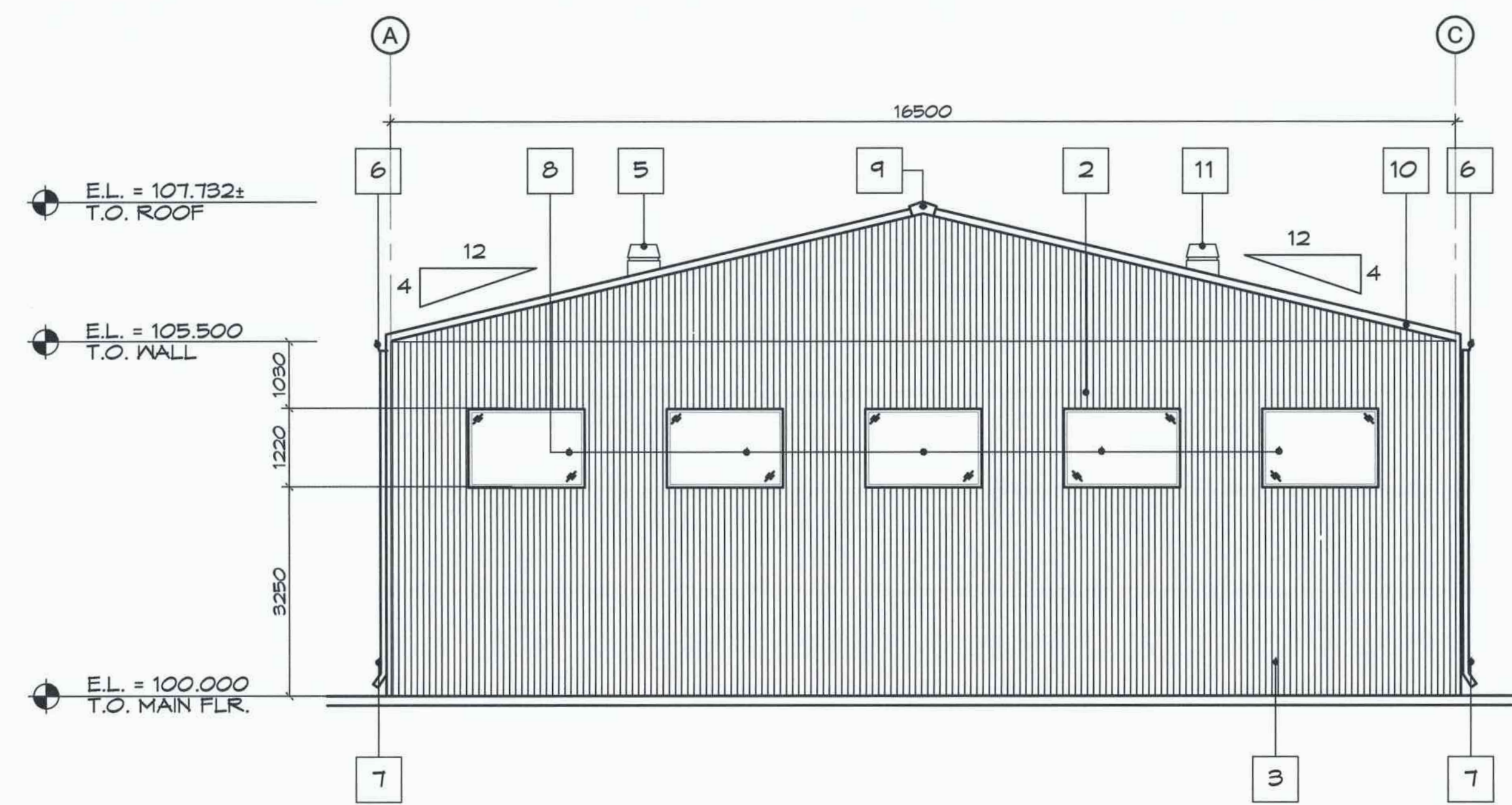
Revision no./
Loi Revision
no.
4



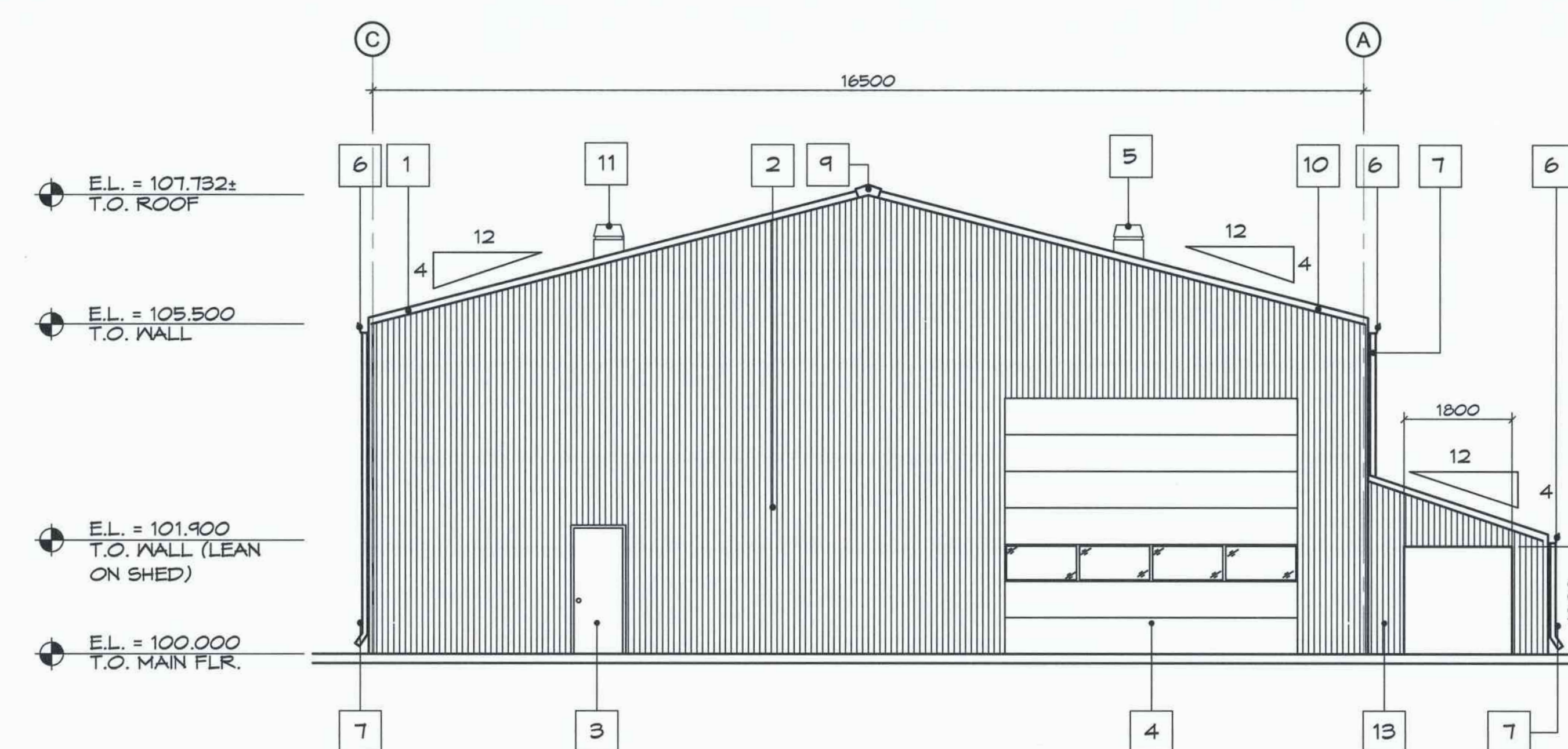
1 WEST ELEVATION
A103 SCALE= 1:75



2 EAST ELEVATION
A103 SCALE= 1:75



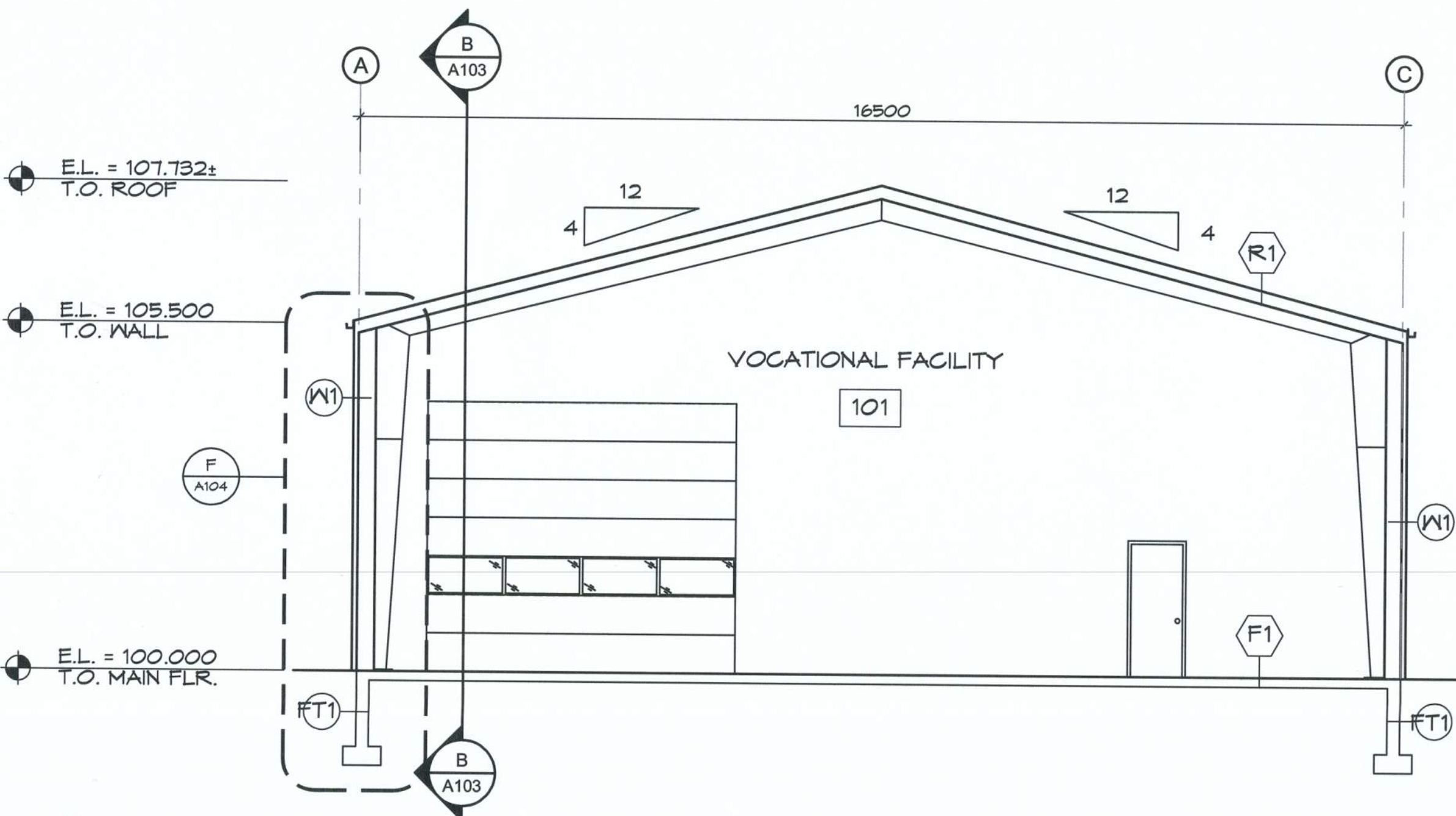
3 SOUTH ELEVATION
A103 SCALE= 1:75



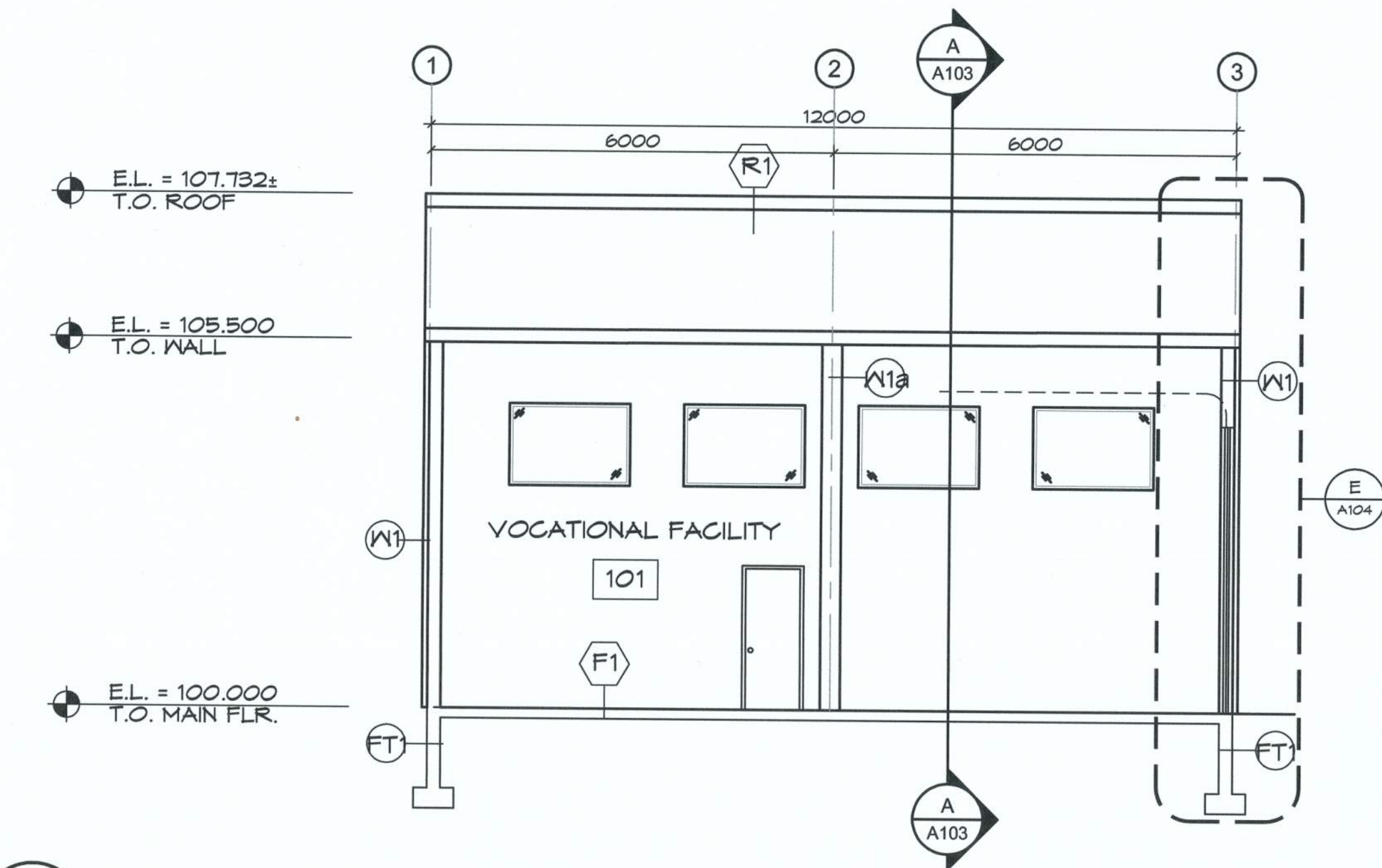
4 NORTH ELEVATION
A103 SCALE= 1:75

KEYNOTE LEGEND

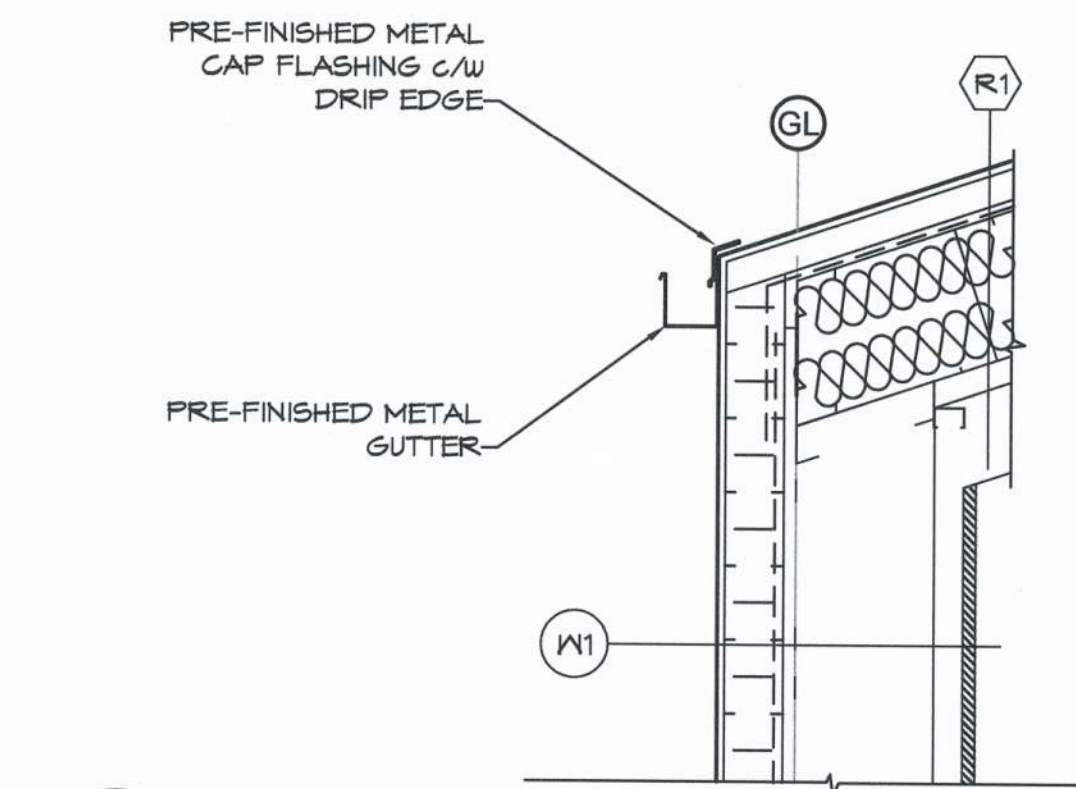
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- 13 PREFINISHED METAL CLADDING



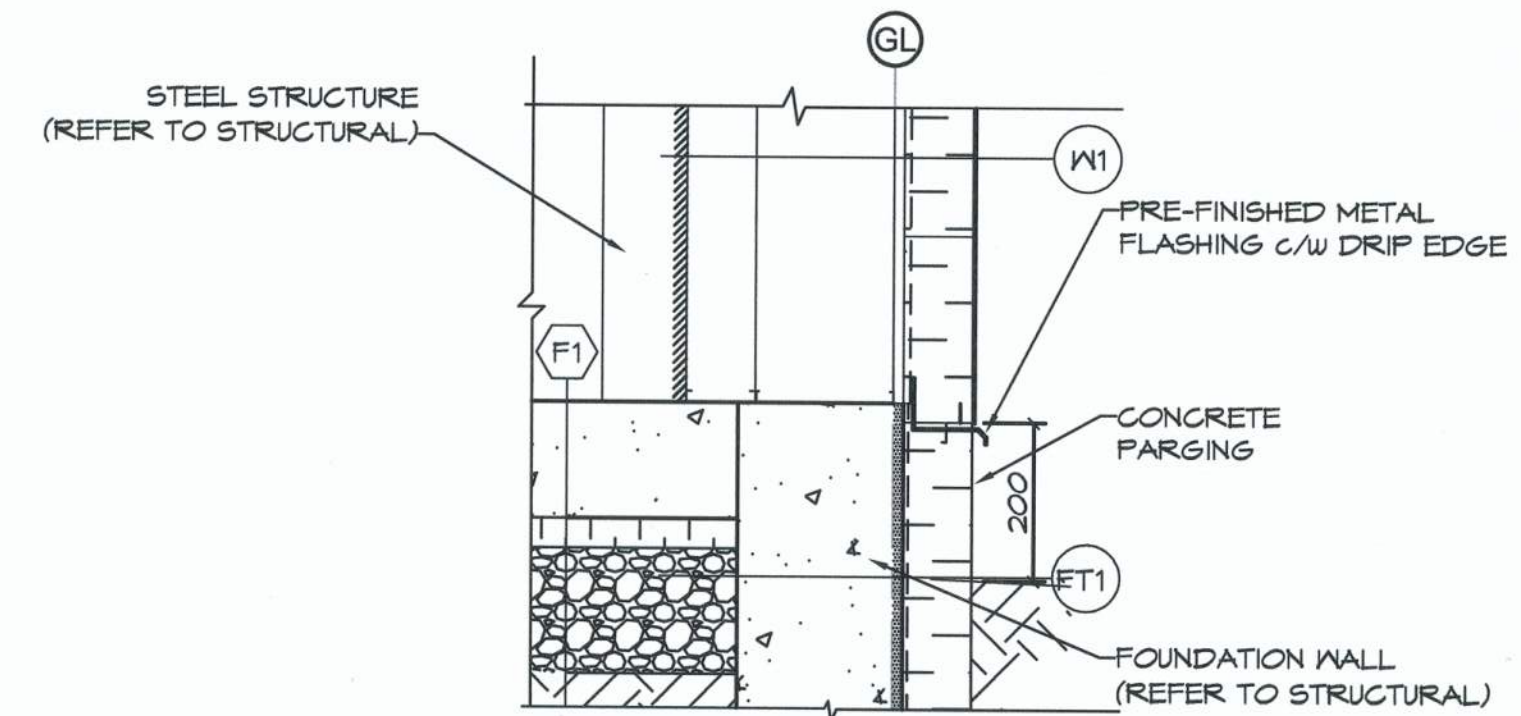
SECTION A
SCALE= 1:75



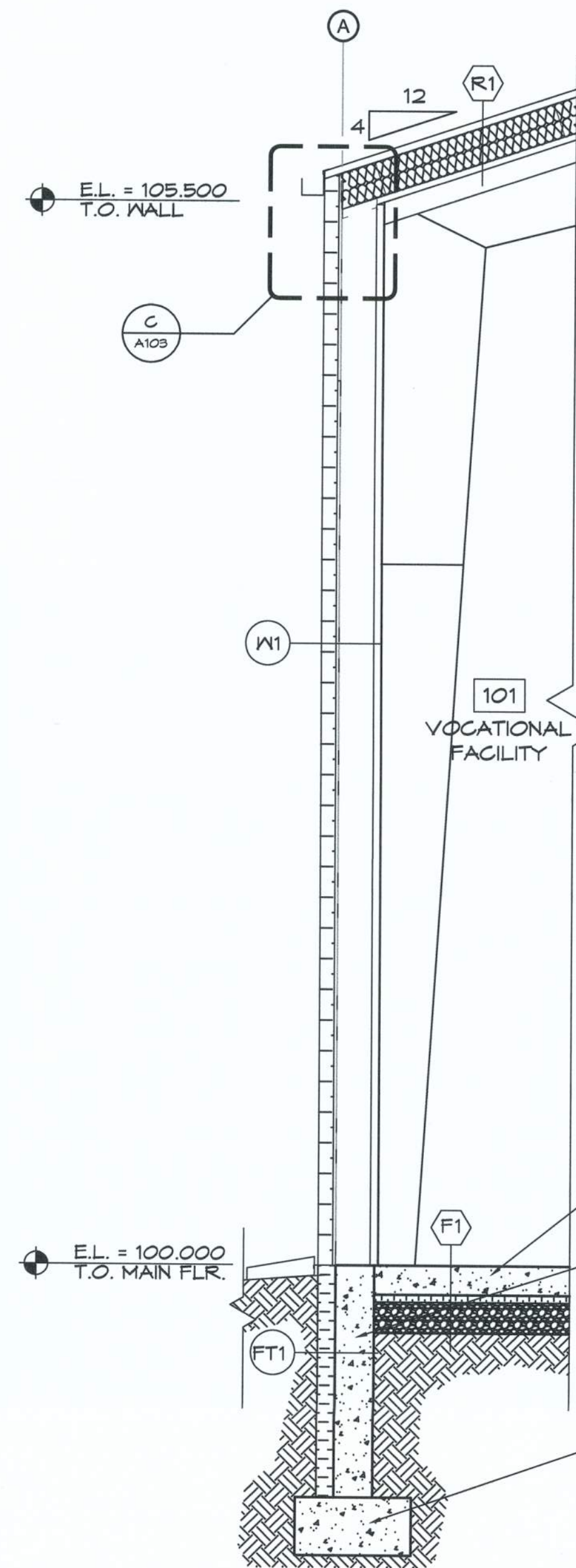
SECTION B
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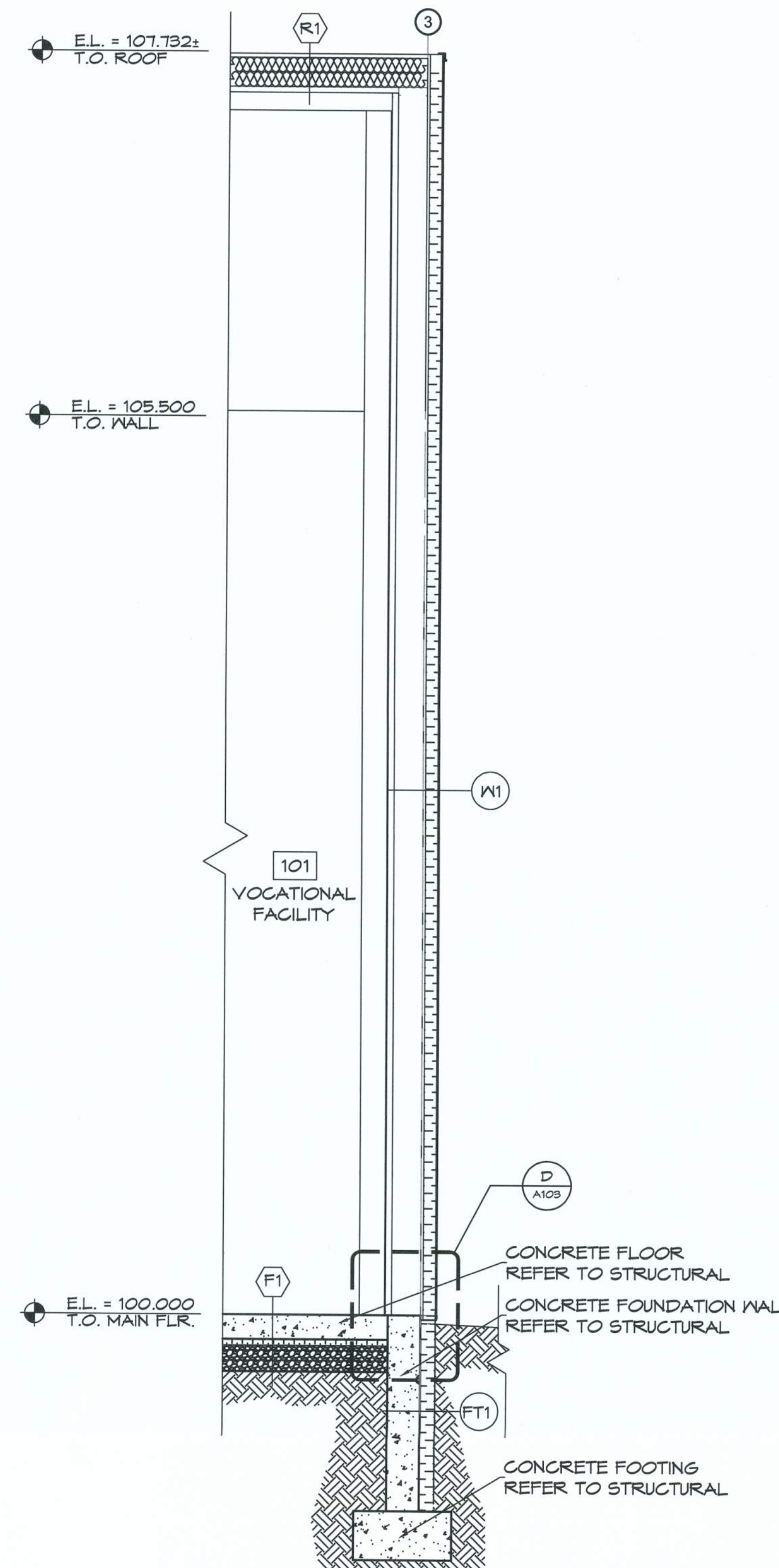
ROOF CONNECTION DETAIL
SCALE= 1:10



BASE CONNECTION DETAIL
SCALE= 1:10



WALL SECTION A
SCALE= 1:25



WALL SECTION B
SCALE= 1:25



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JAMES PATTISON

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Client/client
PWGSC

Drawing title/Titre du dessin

**VOCATIONAL FACILITY
BUILDING & WALL SECTIONS**

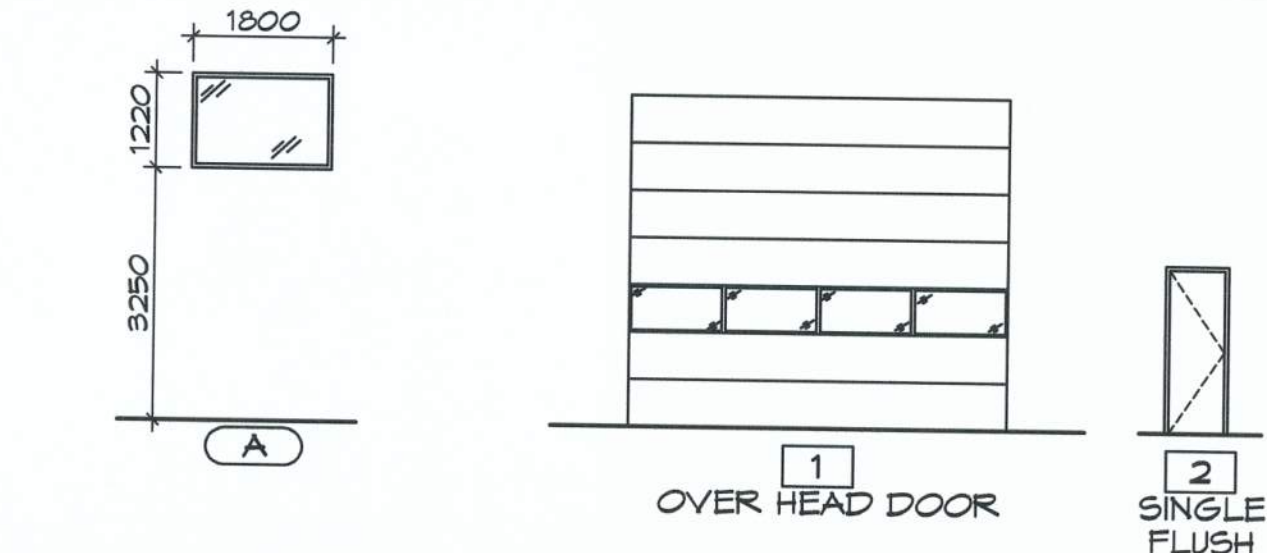
Project No./No. du
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R.072604.001

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A103
OF 6

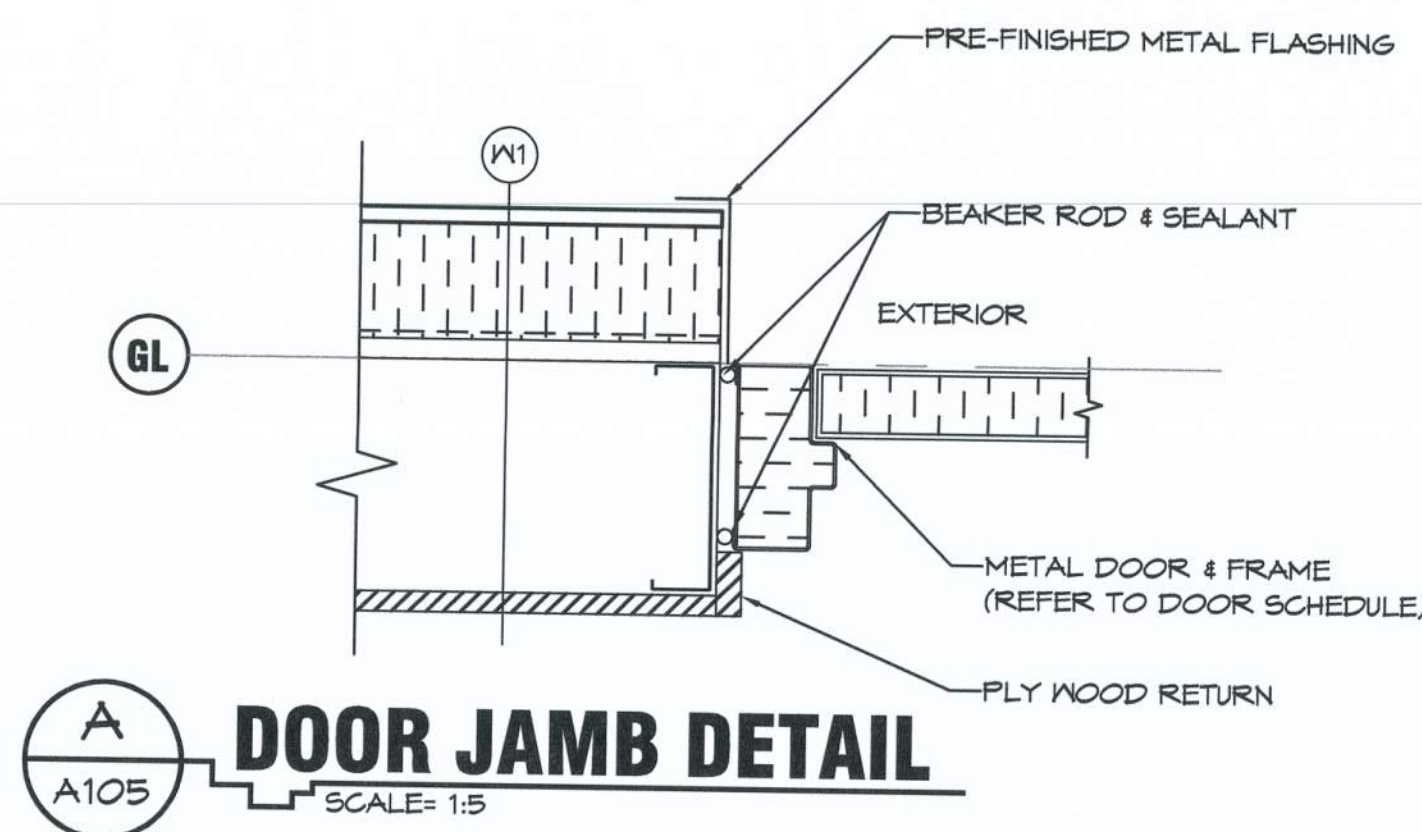
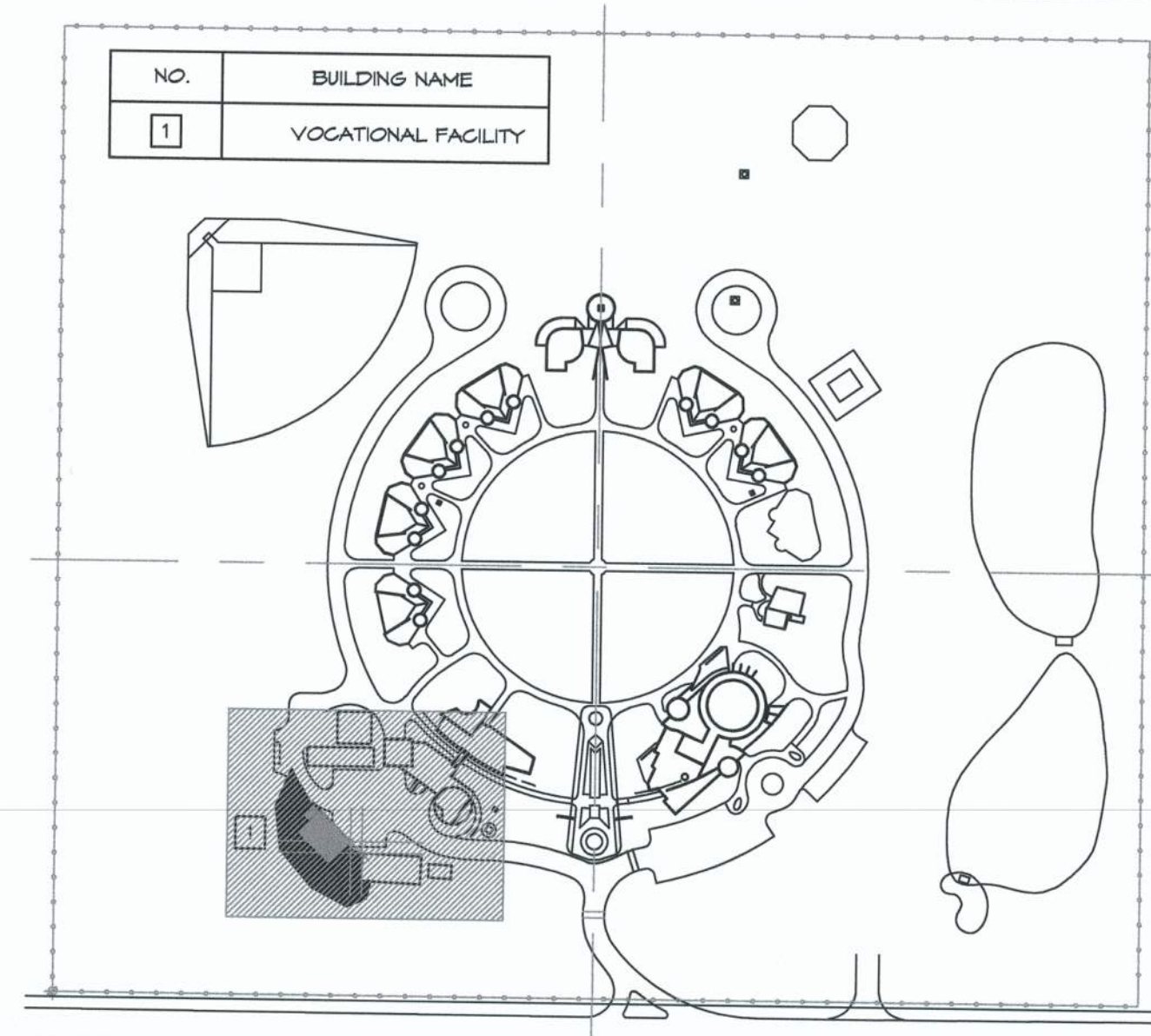
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4

DOOR SCHEDULE											
Dimension are Nominal Only, Contractor to Verify on Site											
DOOR #	FROM ROOM	TO ROOM	ELEV.	WIDTH	HEIGHT	MATERIAL	FINISH	F.R. LABEL	GLAZING	FRAME MATERIAL	HARDWARE GROUP
001	VOCATIONAL FACILITY	EXTERIOR	1	4871	4267	INSULATED STEEL	ANODIZED		YES	ANODIZED ALUMINUM	2
002	VOCATIONAL FACILITY	EXTERIOR	2	415	2150	INSULATED HOLLOW METAL	PAINTED		NO	PSF	1
003	VOCATIONAL FACILITY	EXTERIOR	2	415	2150	INSULATED HOLLOW METAL	PAINTED		NO	PSF	1

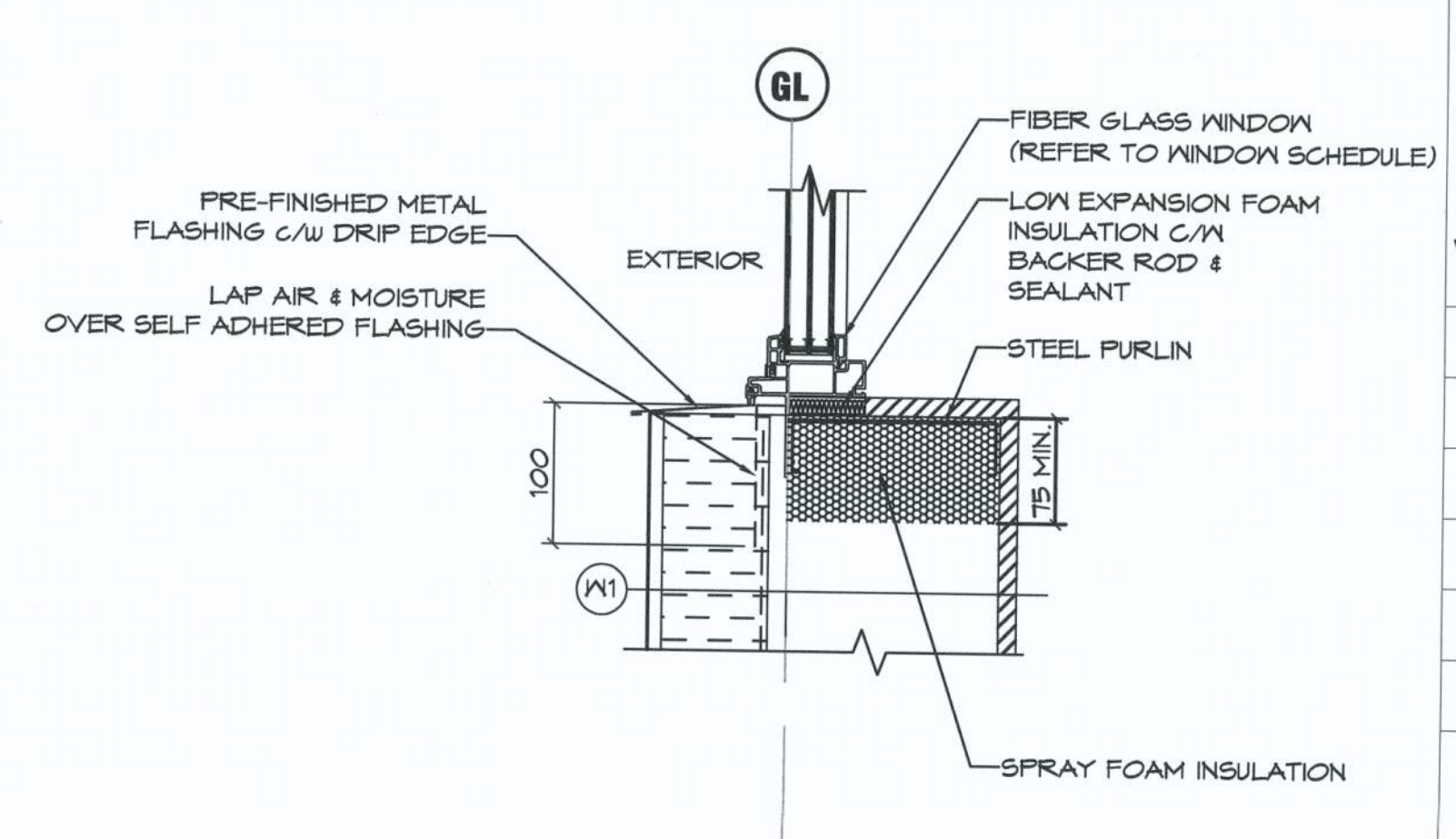
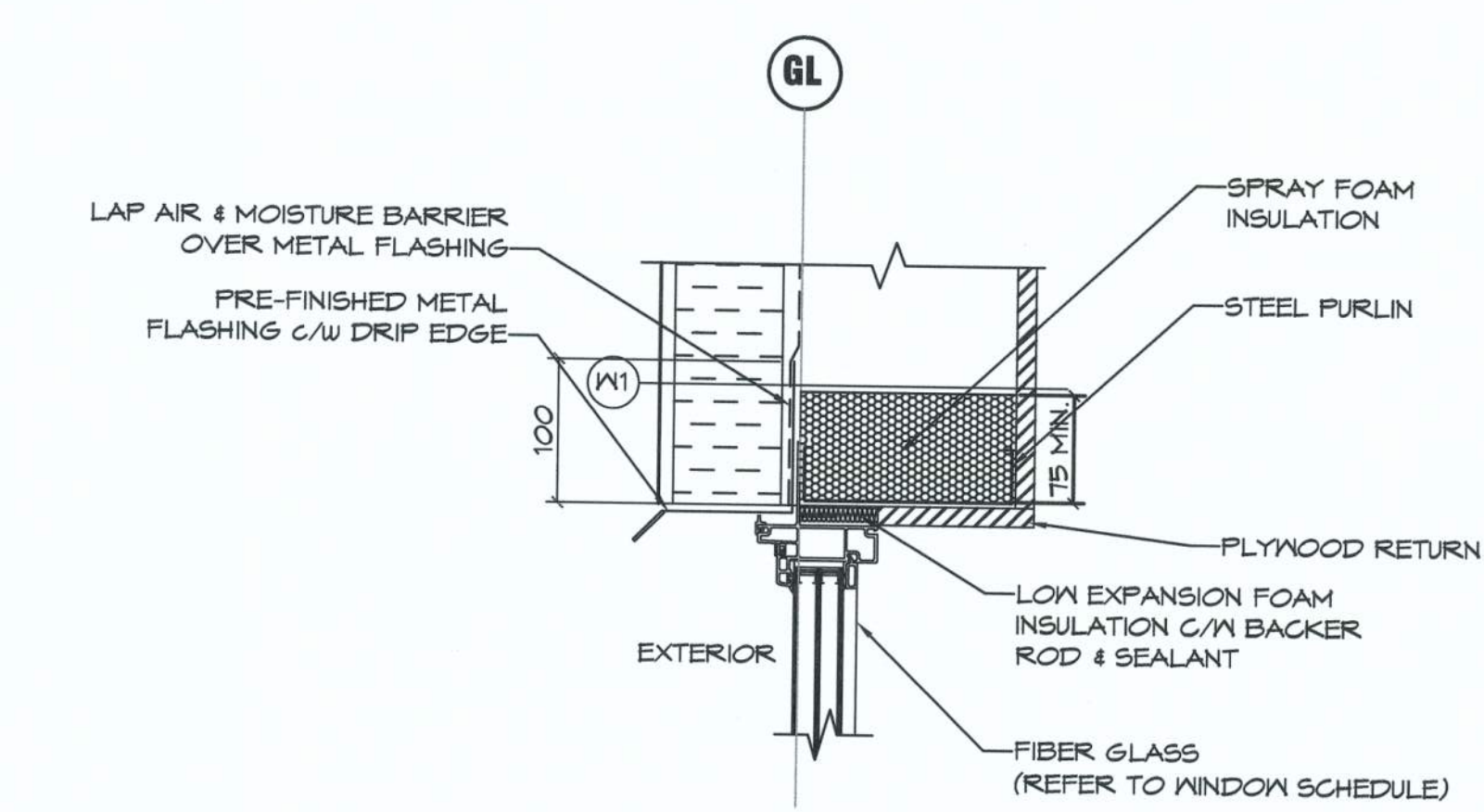
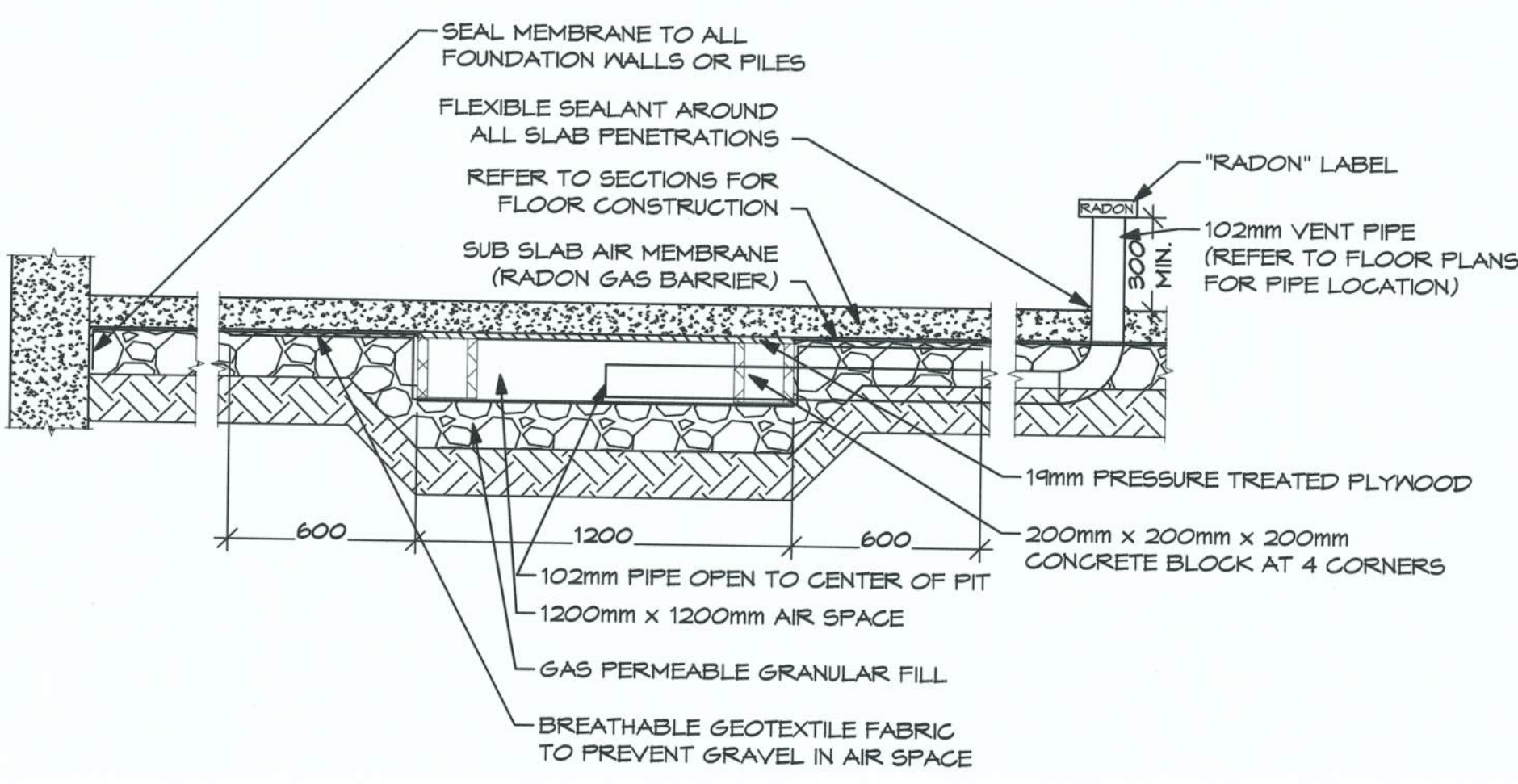
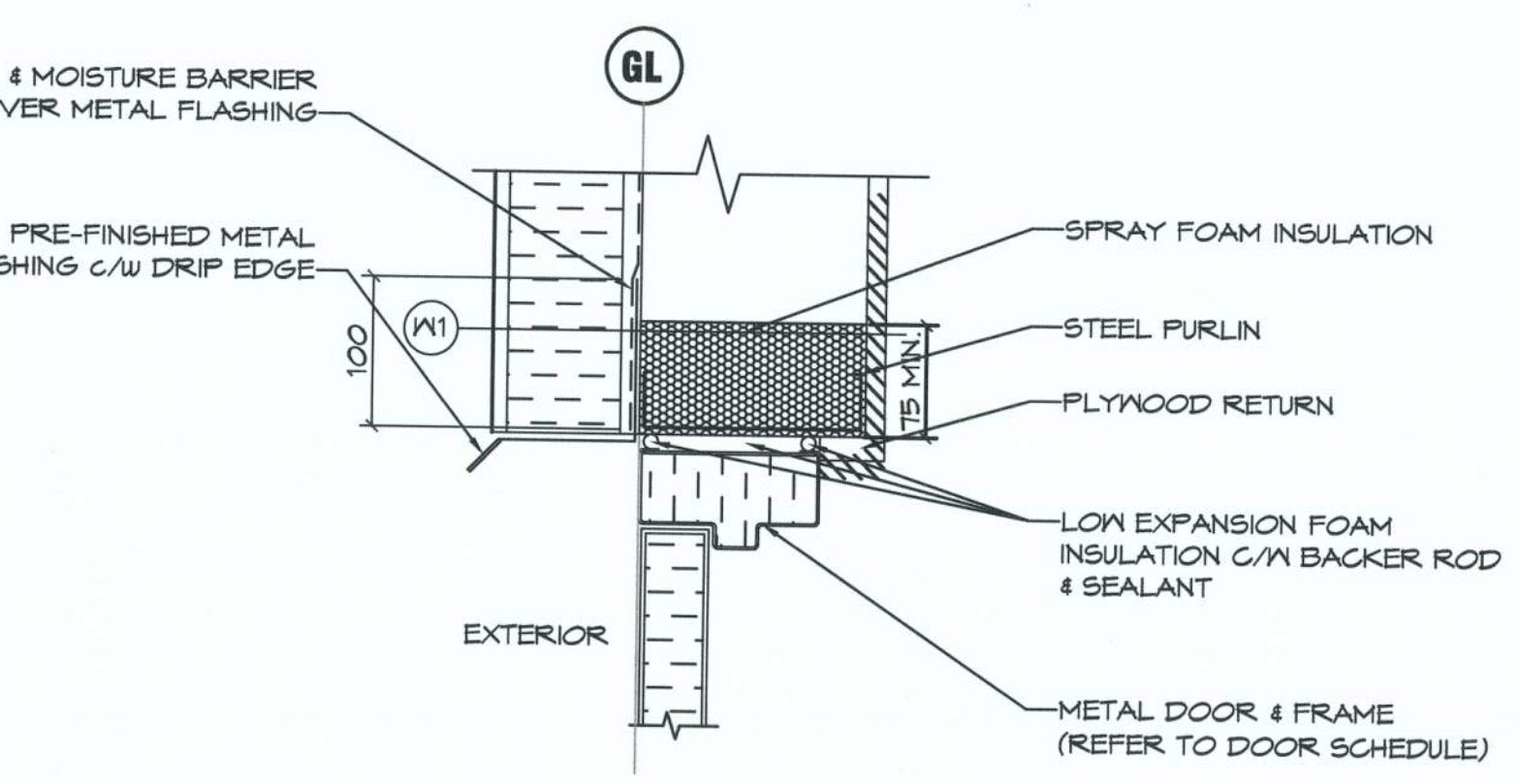
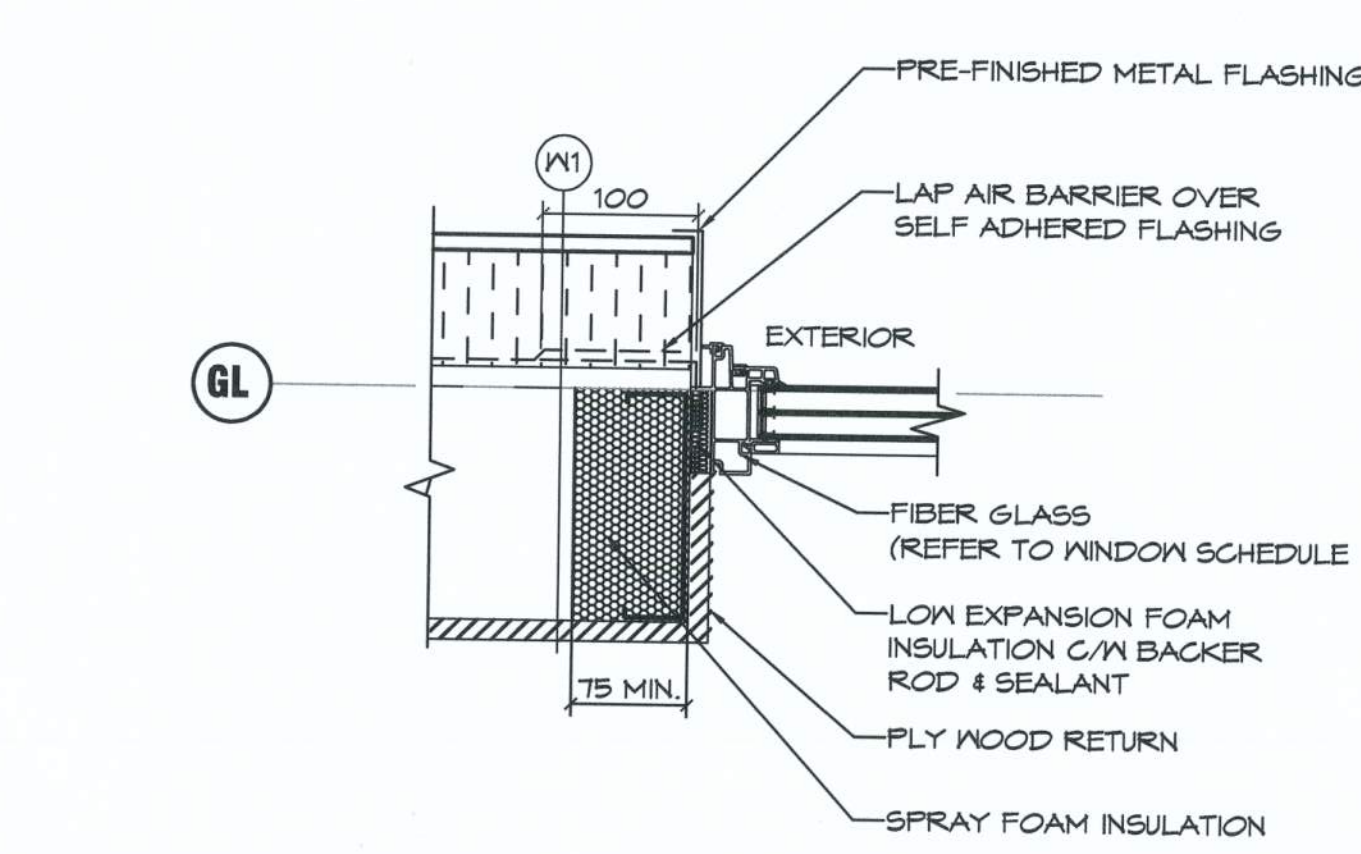
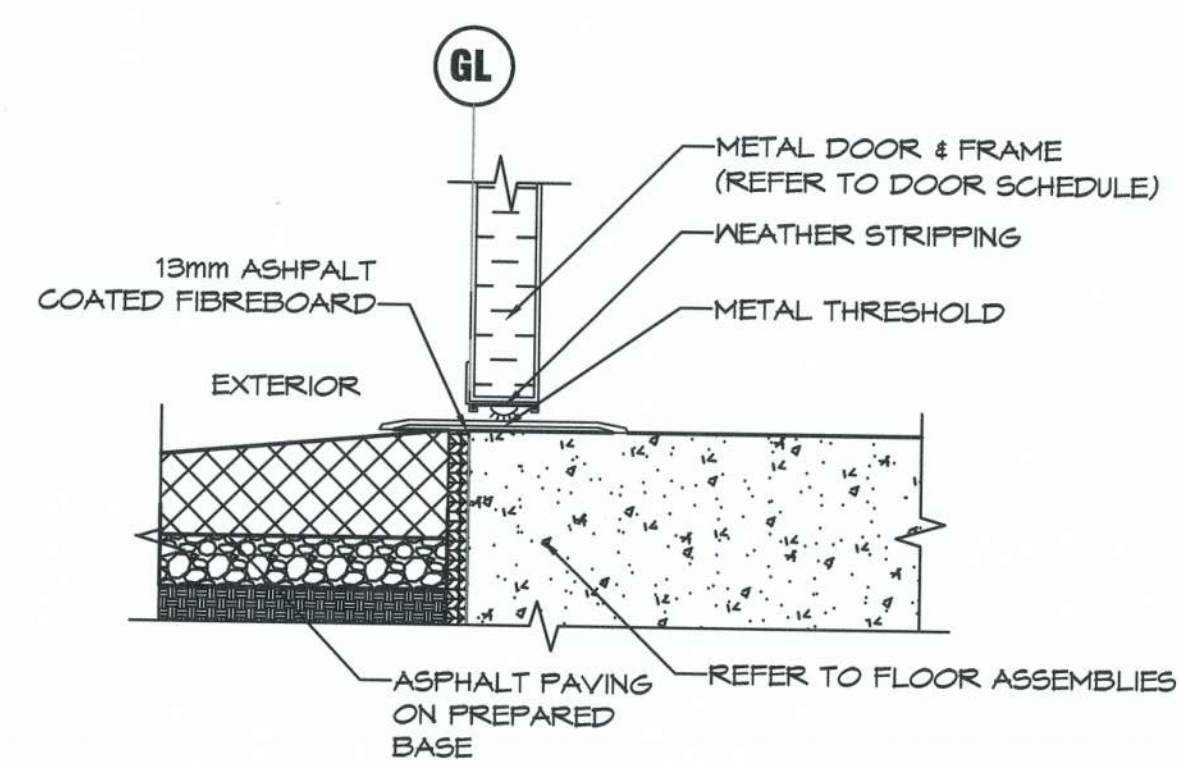
WINDOW SCHEDULE					
Dimensions are Nominal Only, Contractor to Verify on Site					
ELEVATION	WIDTH (mm)	HEIGHT (mm)	HEAD HEIGHT (mm)	MATERIAL	NOTES
A	1800	1220	4470	FIBER GLASS	



- HARDWARE GROUP**
- 1 C/W N.R.P. HINGES THRESHOLD, WEATHER STRIPPING, DOOR CLOSURE, MANUAL PUSH PAD DOOR KEY ENTRY, PANIC HARDWARE.
 - 2 MANUAL CHAIN SYSTEM 3" HEAVY DUTY TRACK AND ROLLERS.



WINDOW & DOOR ELEVATIONS



REAL PROPERTY SERVICES
Western Region
SERVICES IMMOBILIERS
Région de l'ouest

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GEORGE BRUCE BERRY
ARCHITECT
DECEMBER 11, 2018
ALBERTA

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R.072604.001	A104 OF 6	4