

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

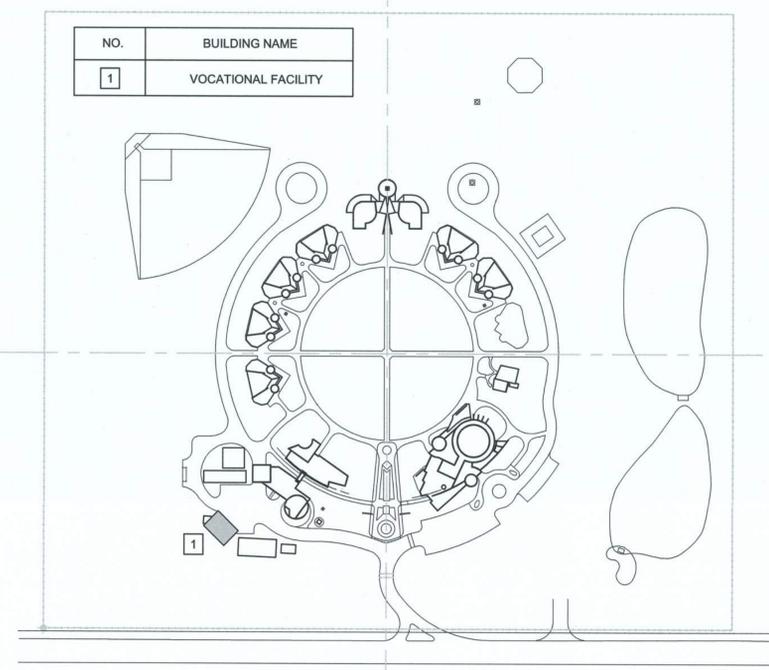
ELECTRICAL

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

CIVIL

- C - 1 - SITE GRADING PLAN

KEY PLAN :



berry architecture
+associates



DO NOT SCALE DRAWINGS

Revision/ Révision	Description/ Description	Date/ Date
4	ISSUED FOR TENDER	18/12/11
3	RE-ISSUED FOR 90% REVIEW	18/11/22
2	ISSUED FOR TENDER	16/01/05
1	ISSUED FOR 90% 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

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COVER SHEET

Project No./No. du projet	Sheet/ Feuille	Revision no./ La Révision no.
R.072604.001	A000 OF 6	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**

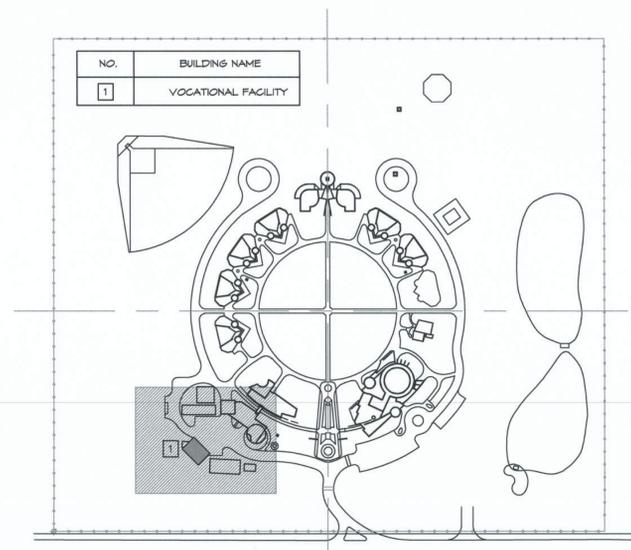
Construction: 3.2.2.87 (1)	Heavy Timber or Non-combustible Construction
Floors:	Noncombustible
Walls:	Not Applicable
Roofs:	Not Applicable
Number and Location of Exits: 3.4.2.1. (1)	Every floor area intended for occupancy shall be served by at least 2 exits.
Location of Exits: 3.4.2.5. (1)(b)	40m to 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
	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 BUILDING SUPPLIER) COLUMN (PROVIDED BY PRE-ENGINEERED METAL BUILDING SUPPLIER) 30mm 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

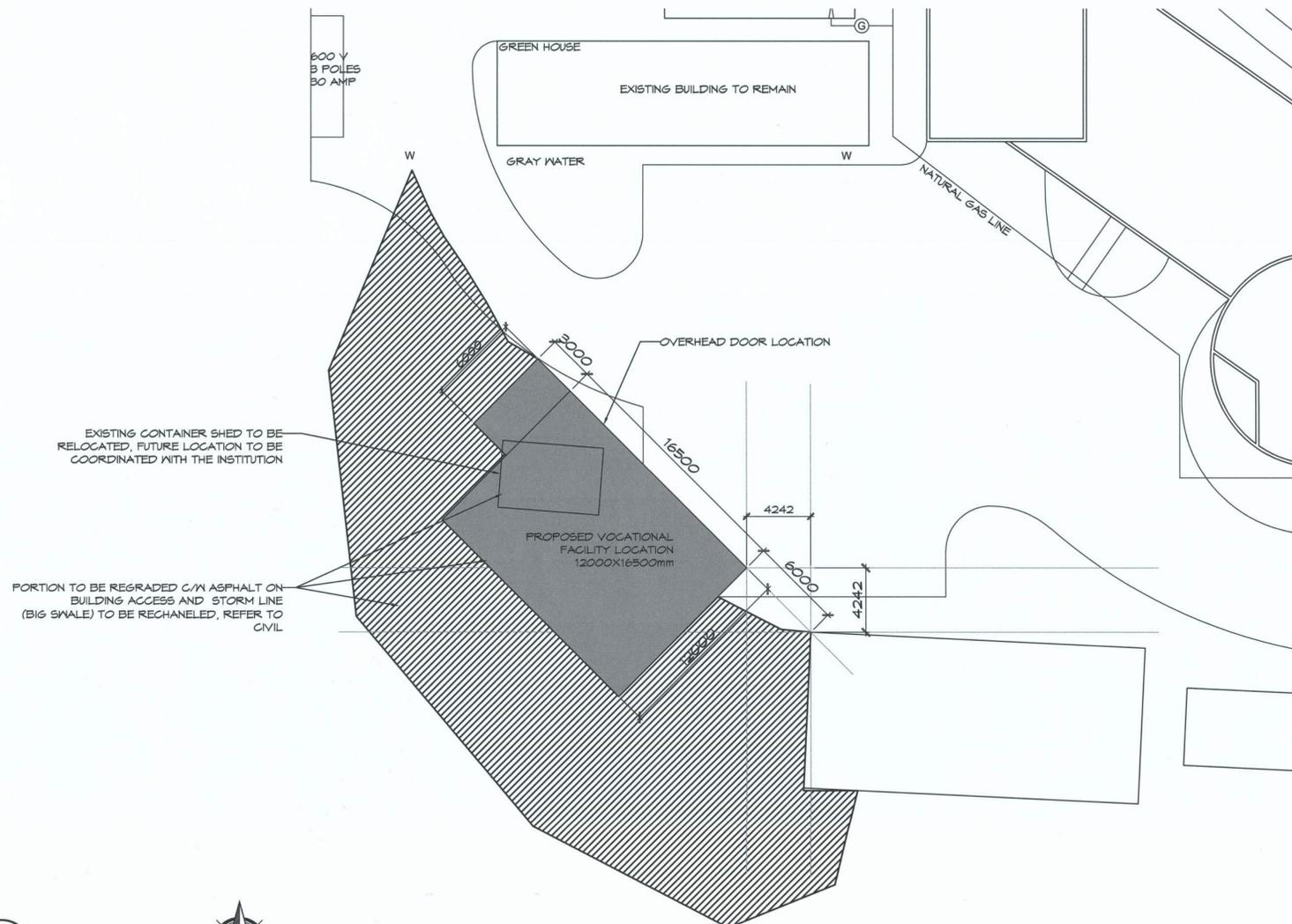
	FT1 FOUNDATION WALL PAVING ABOVE GRADE 76.2mm RIGID INSULATION DRAINAGE MAT MOISTURE SELF-ADHERED MEMBRANE FOUNDATION WALL (REFER TO STRUCTURAL)
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FLOOR ASSEMBLIES LEGEND

	F1 CONCRETE SLAB (REFER TO STRUCTURAL) 10 mil POLY MOISTURE/VAPOUR BARRIER 30mm 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 RS4 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



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PWGSC

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SITE PLAN

Project No./No. du projet

R.072604.001

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A100
OF 6

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KEYNOTE LEGEND

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- 2 PRE-FINISHED METAL INSULATED WALL PANEL
- 3 PREFINISHED INSULATED METAL DOOR
- 4 PREFINISHED METAL OVERHEAD DOOR, C/M SUNSHINE PANELS LOCATED IN THIRD DOOR PANEL
- 5 EXHAUST FAN REFER TO MECHANICAL
- 6 PREFINISHED METAL GUTTER
- 7 PREFINISHED METAL DOWNSPOUT C/M 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

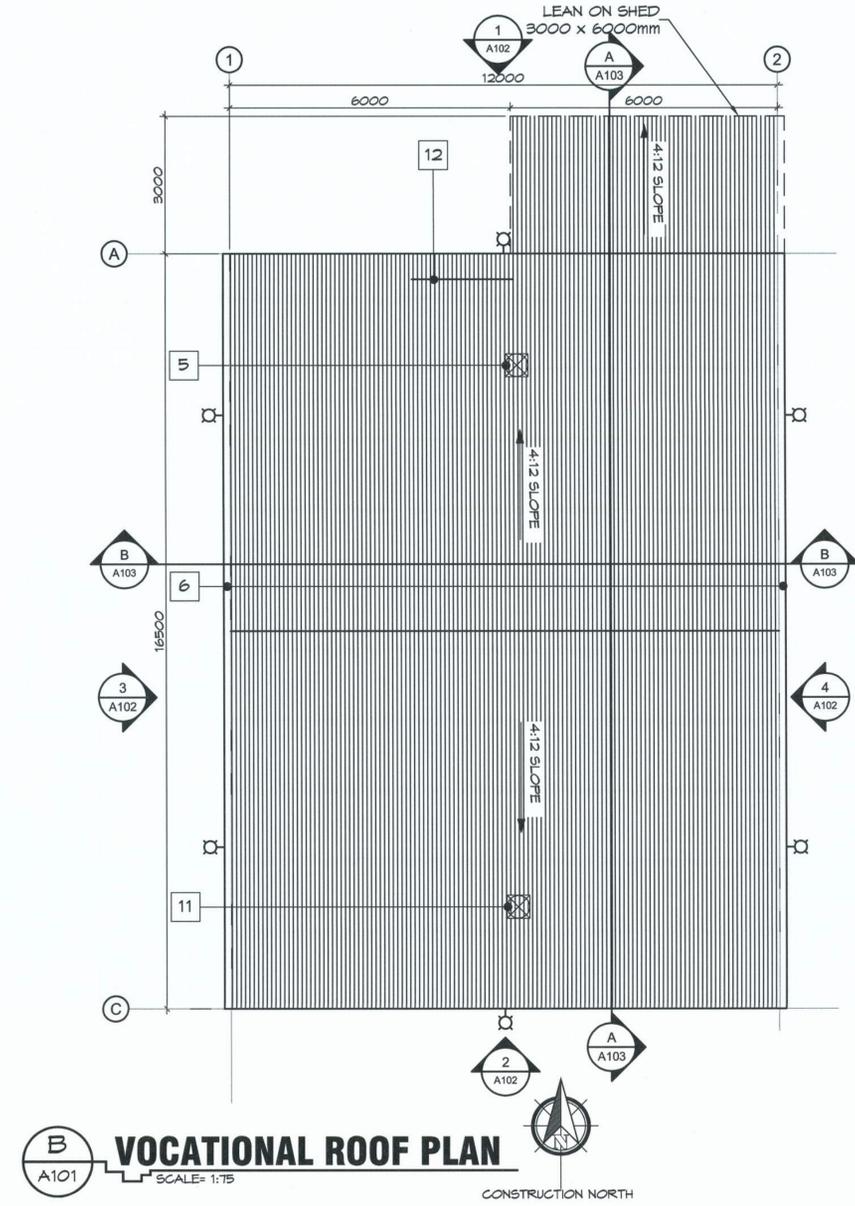
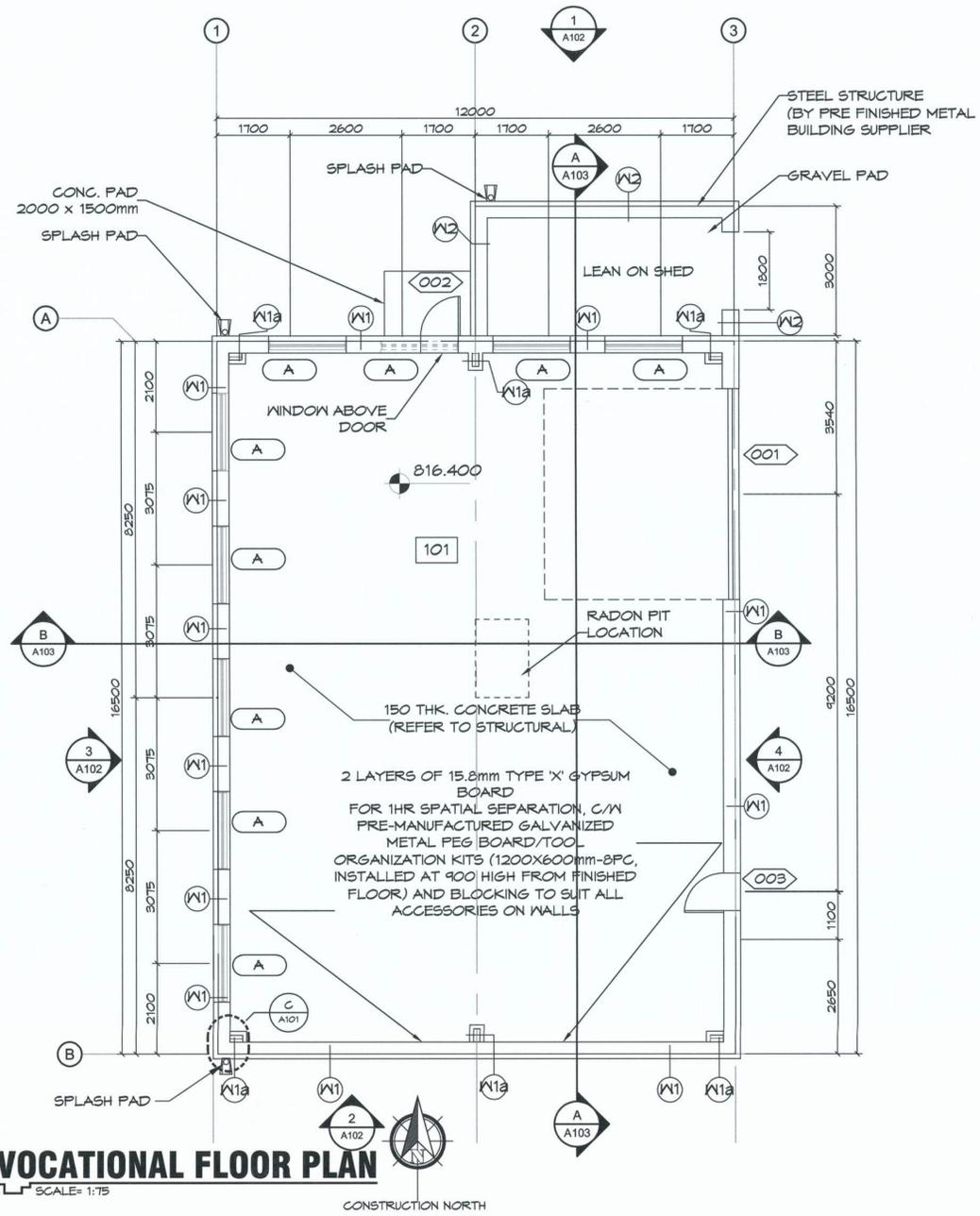
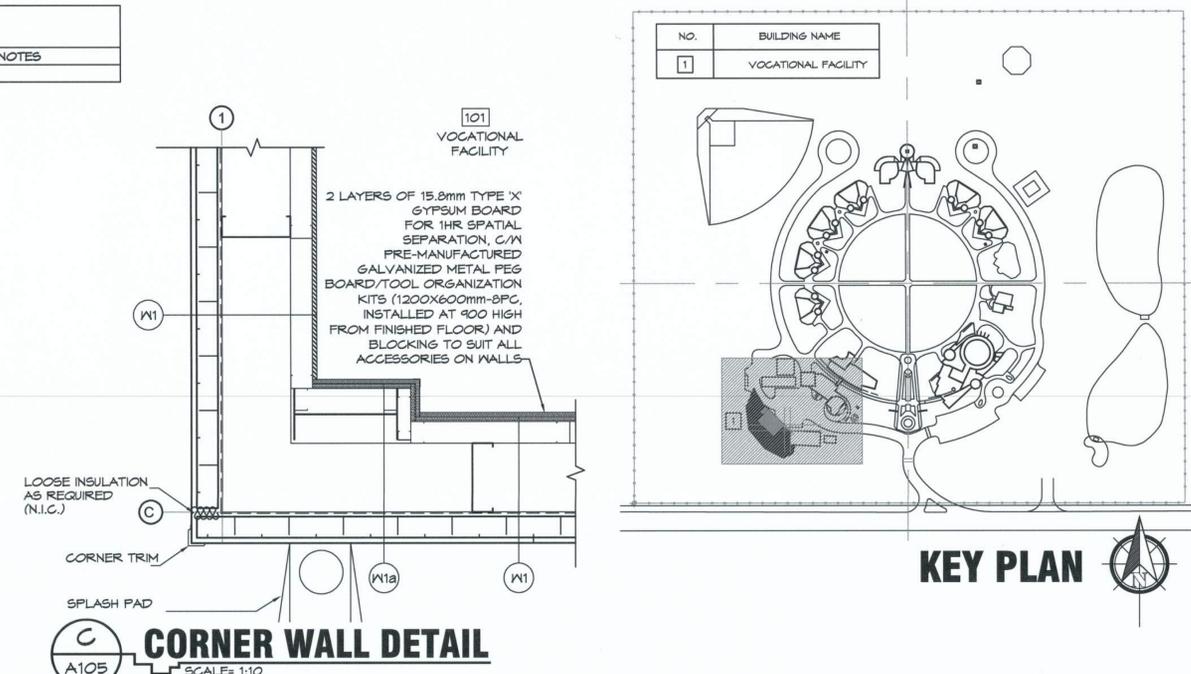
ROOM FINISH SCHEDULE					
ROOM #	ROOM NAME	FLOOR FINISH	WALL FINISH	CEILING FINISH	NOTES
101	VOCATIONAL FACILITY	FC	PW	LP	

ROOM FINISH LEGEND

- FC FINISHED CONCRETE
- PW PLYWOOD SHEATHING
- LP LINER PANEL

LEGEND

- WALL MOUNT LIGHT FIXTURE (COORDINATE WITH ELECTRICAL)



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 CG/DB

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PWGSC, Architectural and Engineering Resources Manager/
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VOCATIONAL FACILITY FLOOR & ROOF PLAN

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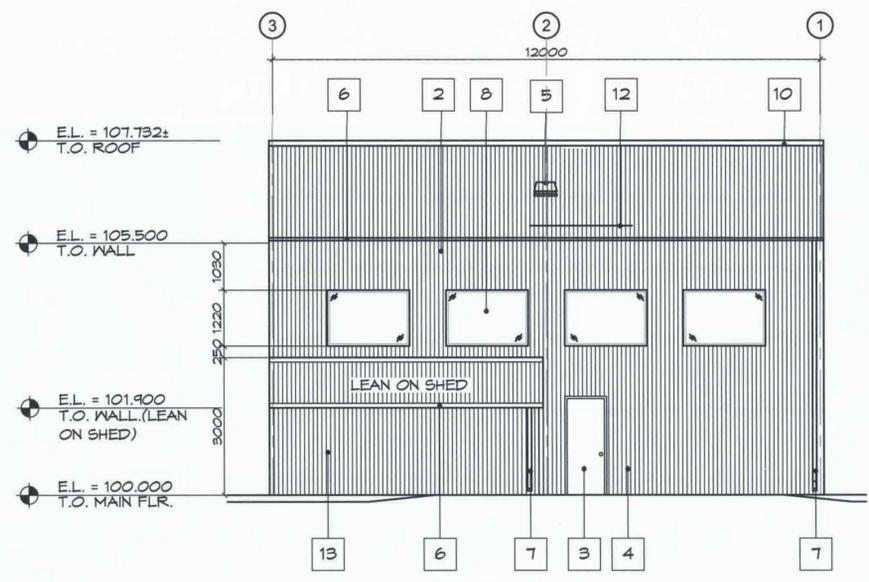
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VOCATIONAL FACILITY
ELEVATIONS

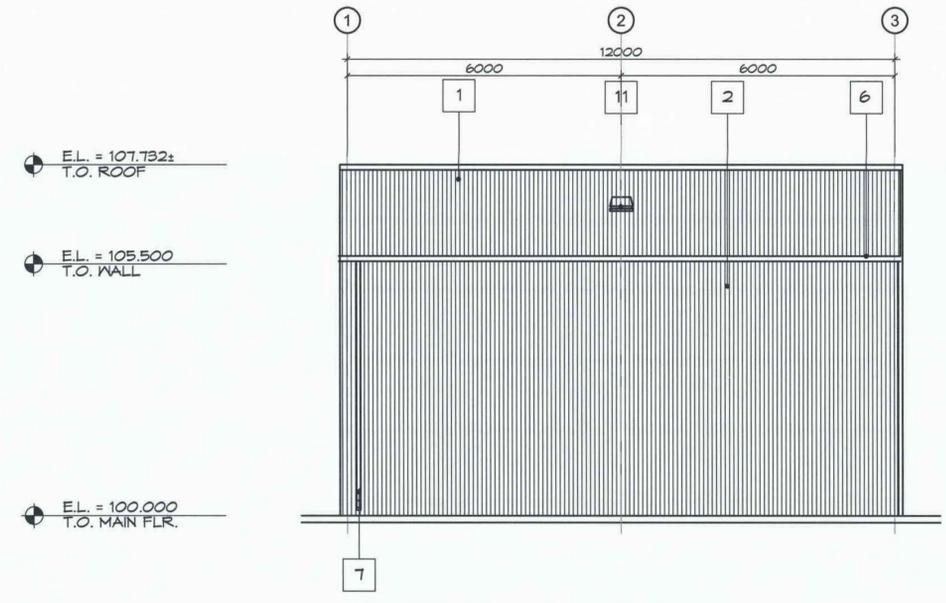
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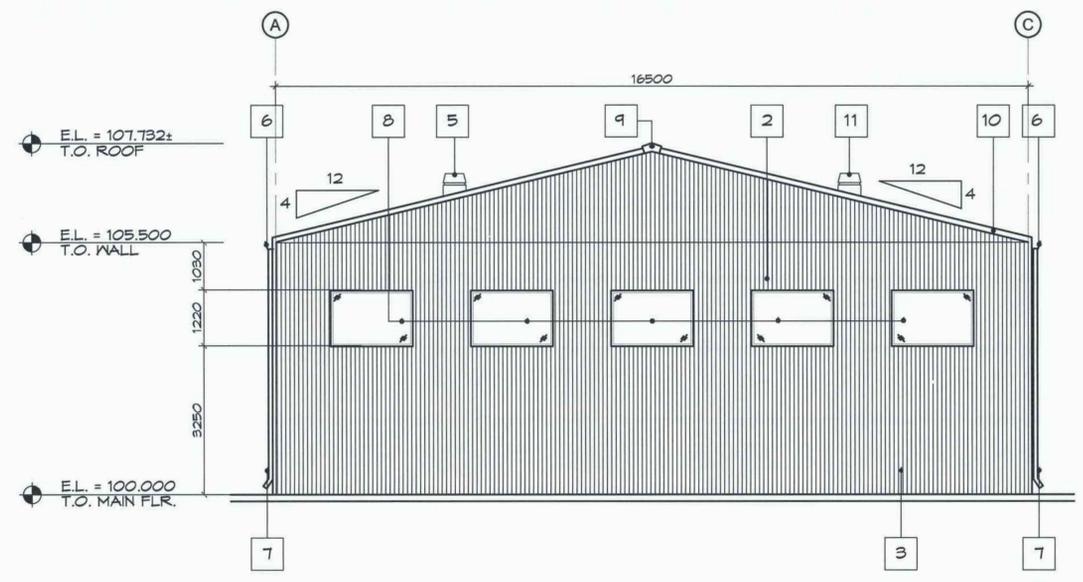
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no.
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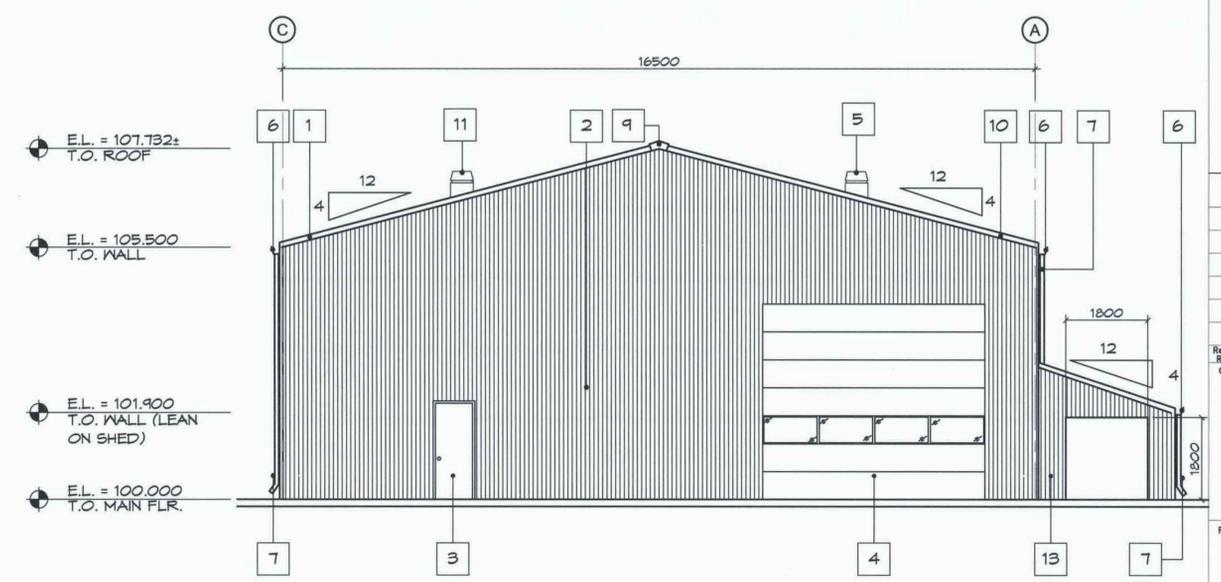
1 WEST ELEVATION
A103 SCALE= 1:75



2 EAST ELEVATION
A103 SCALE= 1:75



3 SOUTH ELEVATION
A103 SCALE= 1:75

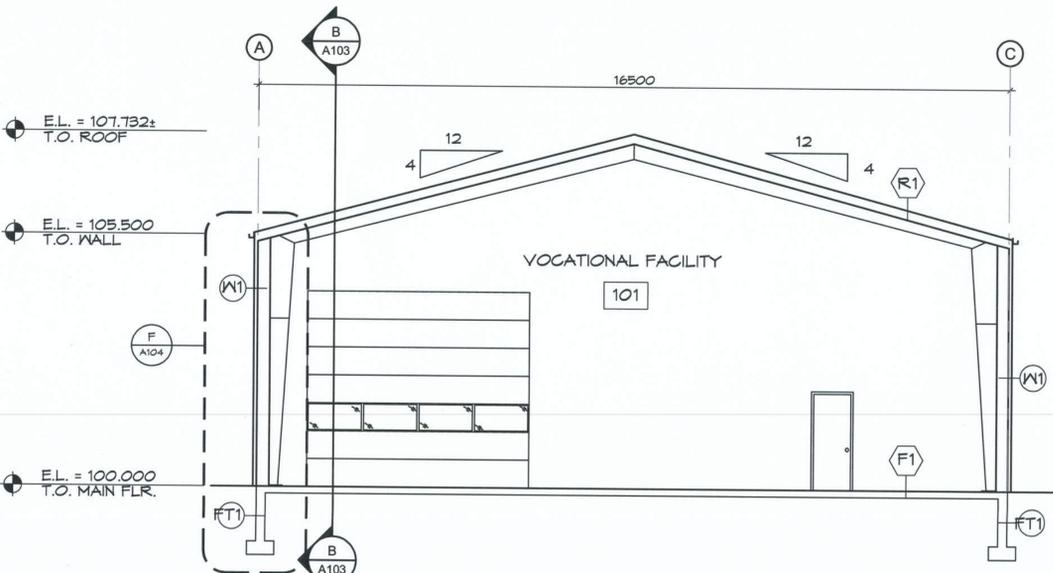


4 NORTH ELEVATION
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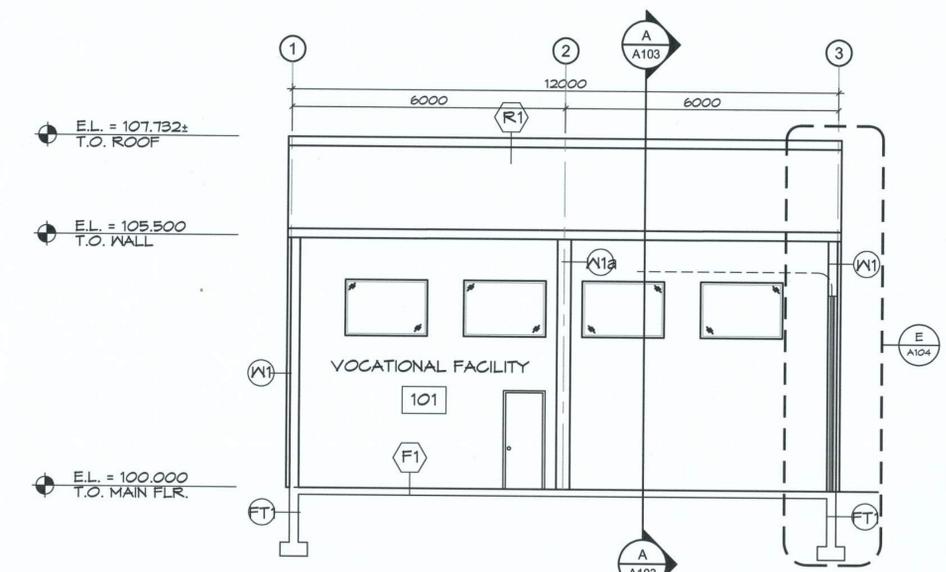
KEYNOTE LEGEND

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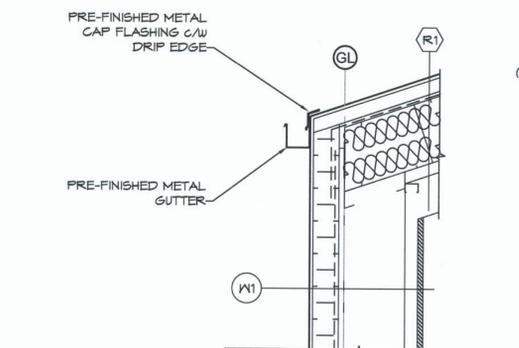




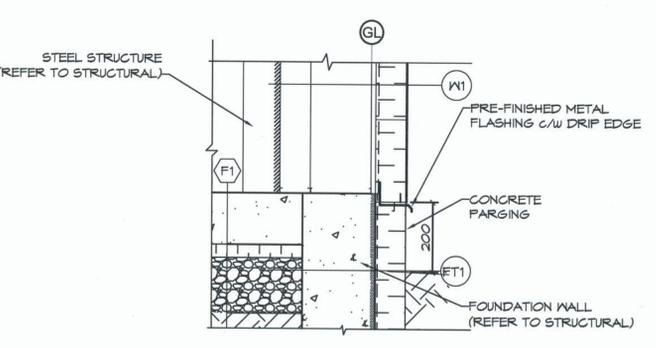
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SECTION A
SCALE: 1:75



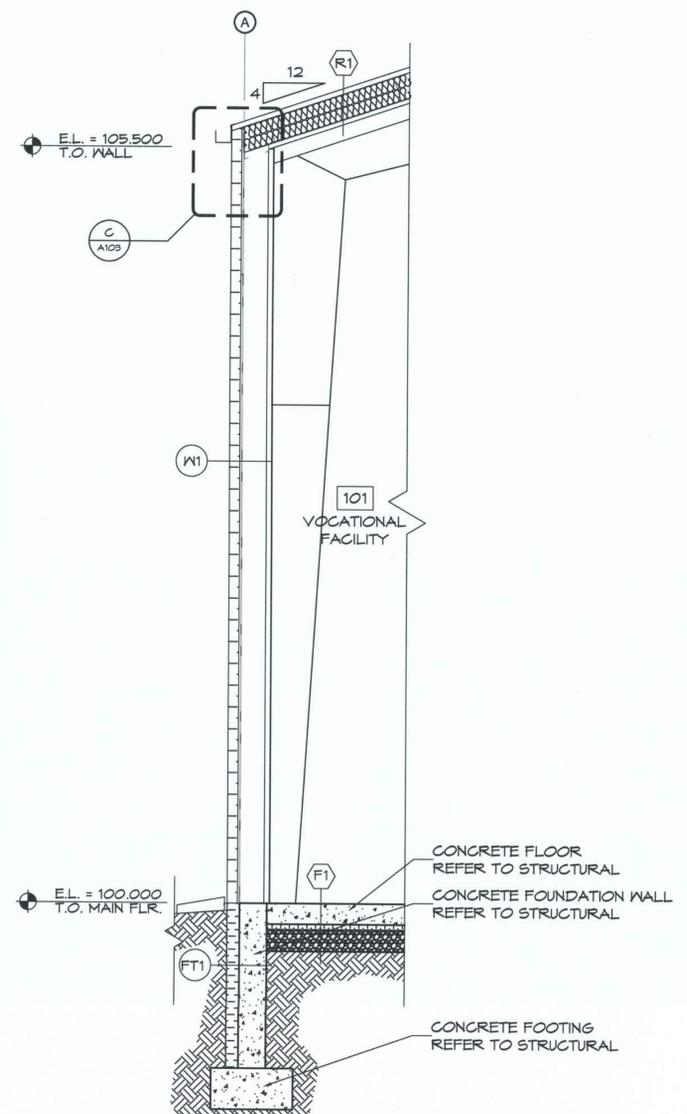
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SECTION B
SCALE: 1:75



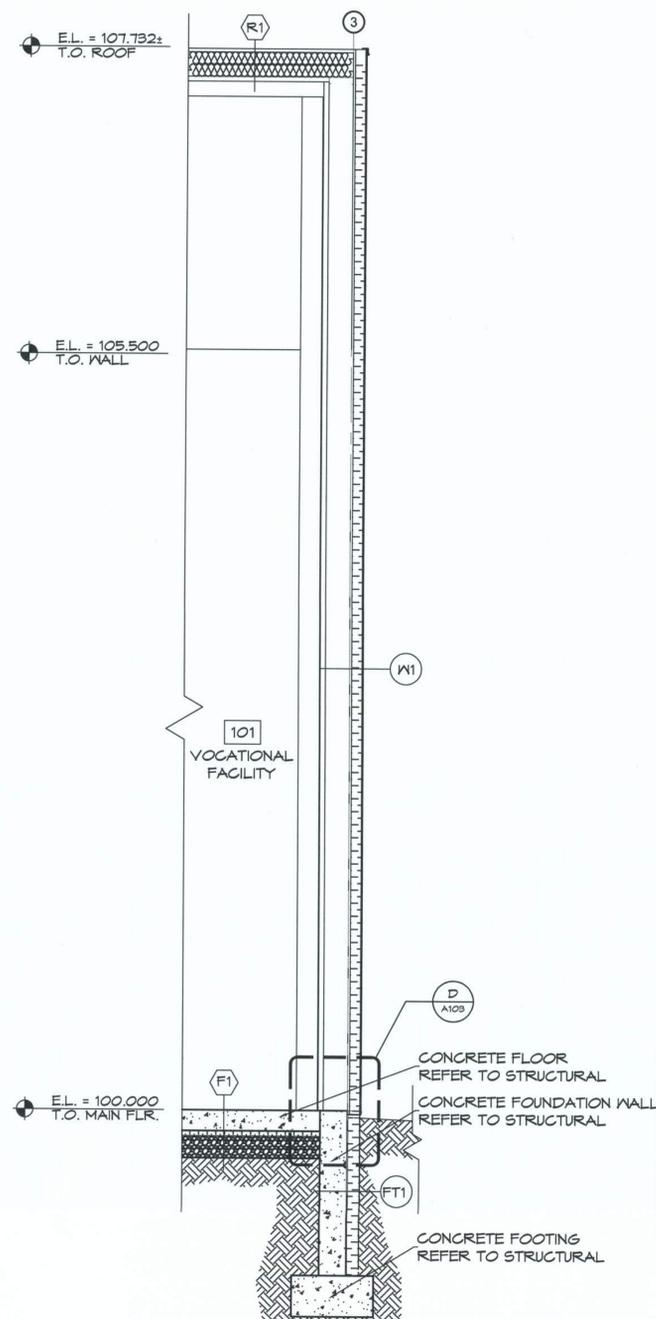
C
ROOF CONNECTION DETAIL
SCALE: 1:10



D
BASE CONNECTION DETAIL
SCALE: 1:10



E
WALL SECTION A
SCALE: 1:25



F
WALL SECTION B
SCALE: 1:25



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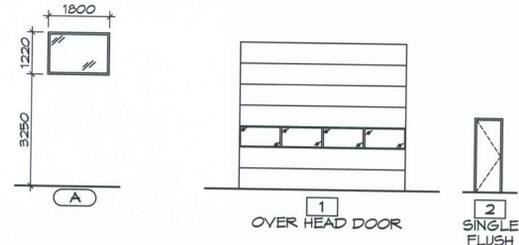
Client/client
PWGSC
 Drawing title/Titre du dessin
**VOCATIONAL FACILITY
 BUILDING & WALL SECTIONS**

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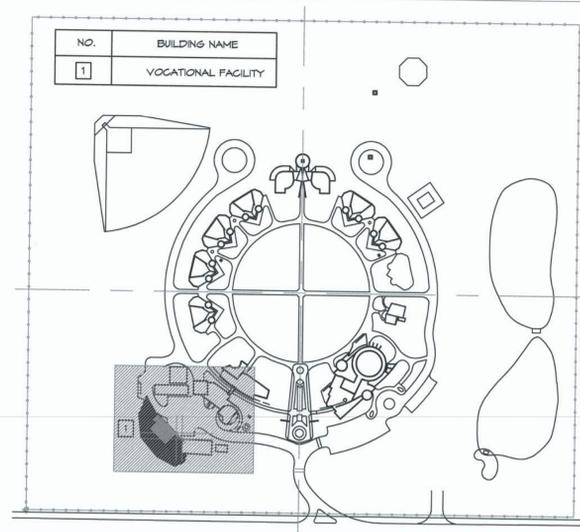


DOOR SCHEDULE											
Dimension are Nominal Only, Contractor to Verify on Site											
DOOR #	FROM ROOM	TO ROOM	ELEV.	WIDTH	HEIGHT	MATERIAL	FINISH	F.R. LABEL	GLAZING	FRAME MATERIAL	HARDWARE GROUP
001	VOCATIONAL FACILITY	EXTERIOR	1	4871	4267	INSULATED STEEL	ANODIZED		YES	ANODIZED ALUMINUM	2
002	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	

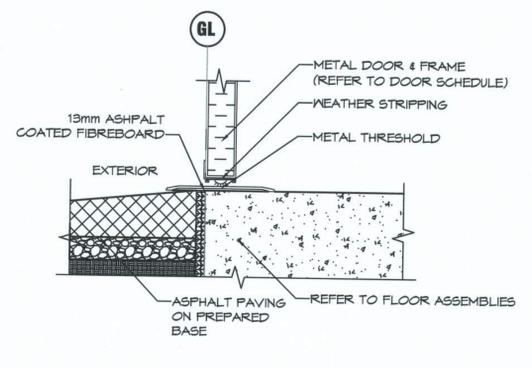
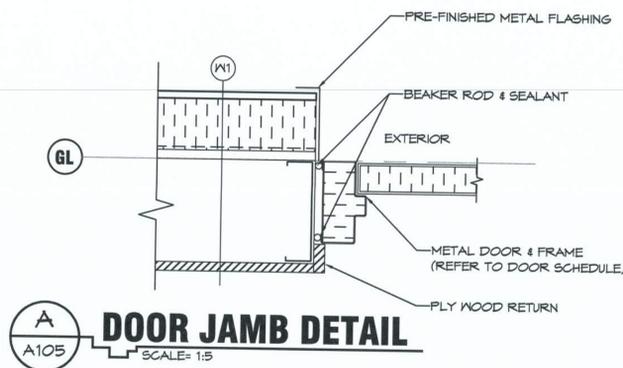


- ### HARDWARE GROUP
- C/M N.R.P. HINGES THRESHOLD, WEATHER STRIPPING, DOOR CLOSURE, MANUAL PUSH PAD DOOR KEY ENTRY, PANIC HARDWARE.
 - MANUAL CHAIN SYSTEM 3" HEAVY DUTY TRACK AND ROLLERS.

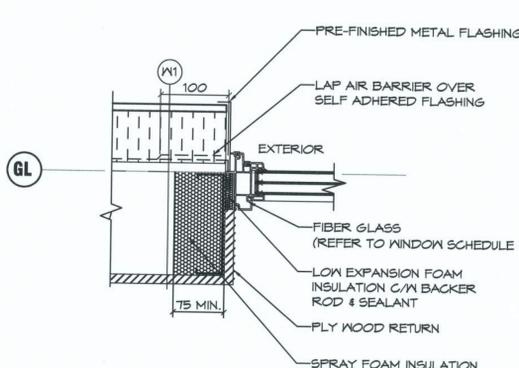


KEY PLAN

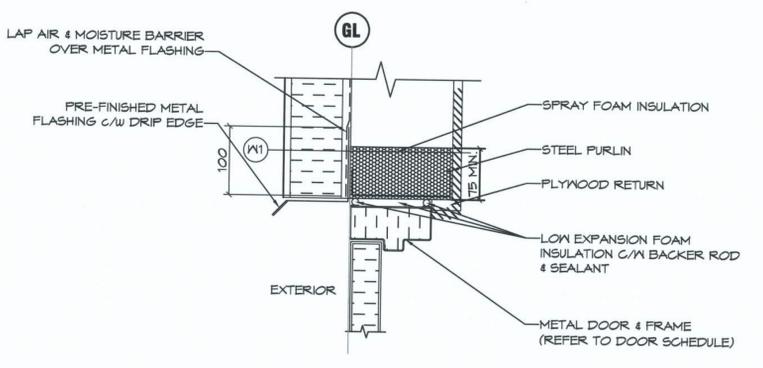
WINDOW & DOOR ELEVATIONS



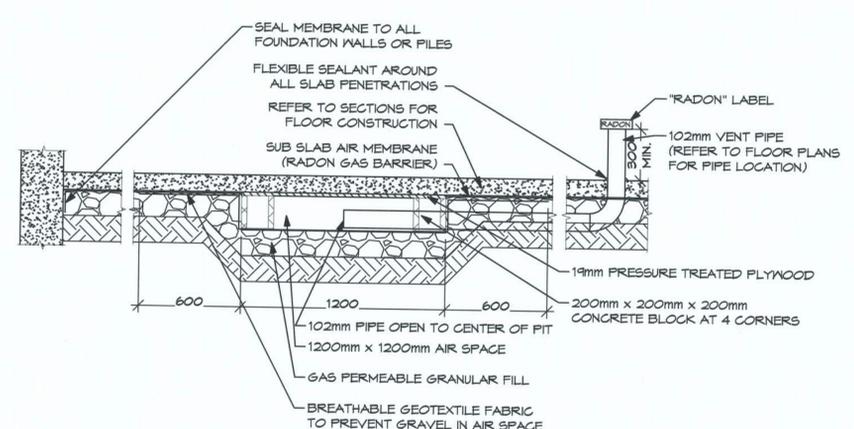
B DOOR SILL DETAIL
A105 SCALE= 1:5



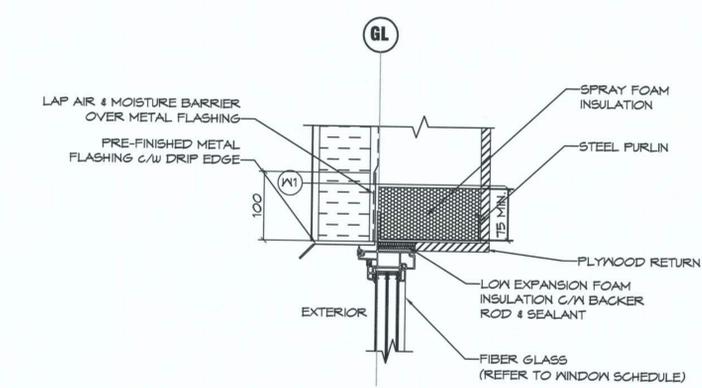
C WINDOW JAMB DETAIL
A105 SCALE= 1:5



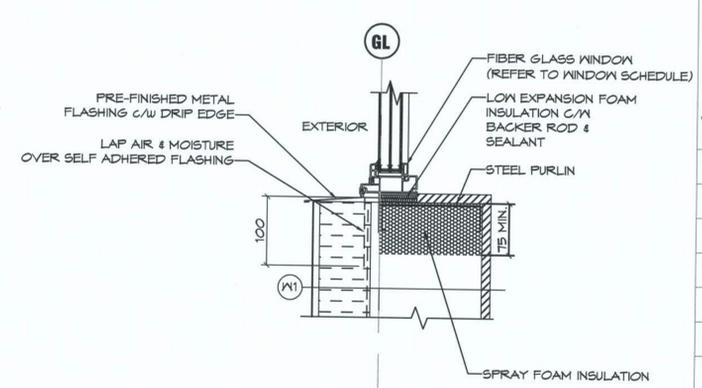
D DOOR HEAD DETAIL
A105 SCALE= 1:5



E RADON PIT DETAIL
A105 SCALE= 1:5



F WINDOW HEAD DETAIL
A105 SCALE= 1:5



G WINDOW SILL DETAIL
A105 SCALE= 1:5



DO NOT SCALE DRAWINGS

Revision/Revision Client/client	Description/Description	Date/Date
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2	ISSUED FOR TENDER	16/01/05
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PUBLIC WORKS AND GOVERNMENT SERVICES CANADA

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PÈ SĀKĀSTĒW CENTRE MASKWACIS, ALBERTA VOCATIONAL FACILITY DESIGN

Approved by/Approve par
GBB
Designed by/Concept par
CGR
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
PWGSC
Drawing Title/Titre du dessin
SCHEDULES & TYPICAL DETAILS

Project No./No. du projet	Sheet/Feuille	Revision no./La Révision no.
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