

# GLENVIEW PUBLIC SCHOOL - GYM ADDITION

143 Townsend Ave., Burlington, Ontario, L7T 1 Z1

#### ARCHITECTURAL: STRUCTURAL:

A000 COVER SHEET SITE PLAN S1.1 FOUNDATION PLAN
A101 SITE PLAN S1.2 ROOF FRAMING PLAN
A102 OBC DATA MATRIX & FIRE SEPARATION DIAGRAM
A102A OBC SPATIAL SEPARATION
A103 PARTIAL SITE PLAN - DEMOLITION
A104 PARTIAL SITE PLAN - NEW WORK
A201 PARTIAL FIRST FLOOR & ROOF PLAN - DEMOLITION
A202 PARTIAL FIRST FLOOR & ROOF PLAN - NEW & RENO
A401 BUILDING ELEVATIONS - NEW WORK
A402 BUILDING & WALL SECTIONS - DEMO & NEW WORK
A701 ENLARGED PLANS & INT. ELEVATIONS - CHANGE ROOMS, WRS & RENO

DOOR SCHEDULE & DETAILS

#### MECHANICAL:

SITE PLAN, LEGEND AND SCHEDULES

PARTIAL ROOF PLAN & DETAILS - MECHANICAL

## C I V I L:

SG-1 SITE GRADING PLAN
SS-1 SITE SERVICING PLAN

#### E L E C T R I C A L:

E101 LEGEND, SITE PLAN, NOTES AND KEY PLAN

E102 DETAILS AND SCHEDULES

E201 PARTIAL FLOOR PLAN - LIGHTING DEMOLITION AND RENOVATION

E202 PARTIAL FLOOR PLAN - POWER DEMOLITION AND RENOVATION

E203 PARTIAL ROOF RENOVATION PLAN

E301 DISTRIBUTION RISER DIAGRAM AND PANEL SCHEDULE

E302 PARTIAL FIRE ALARM - RISER DIAGRAM AND PASSIVE GRAPHIC

A V A I L A B L E P R O J E C T I N F O R M A T I O N:

ARBORIST REPORT:
TITLED: ARBORIST REPORT & TREE PRESERVATION PLAN
PREPARED BY: GLN FARM & FOREST RESEARCH CO. LTD..
DATED: FEBRUARY 6, 2024

GEOTECHNICAL INVESTIGATION REPORT:
TITLED: GEOTECHNICAL INVESTIGATION REPORT
PREPARED BY: PETO MACCALLUM LTD.
DATED: NOVEMBER 16, 2023

SITE SURVEY:
TITLED: PLAN OF SURVEY OF PARCEL A REGISTERED PLAN PF834 AND PART
OF LOT 5 BROKEN FRONT CONCESSION (ORIGINALLY IN TOWNSHIP OF EAST
FLAMBOROUGH). CITY OF BURLINGTON

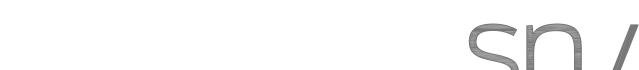
OF LOT 5 BROKEN FRONT CONCESSION (ORIGINALLY IN TOWNSHIP OF EAST FLAMBOROUGH), CITY OF BURLINGTON PREPARED BY: TARASICK MCMILLAN KUBICKI LTD. PROJECT NO.: 9964-SRPR-T DATED: FEBRUARY 20, 2024

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

RECEIVED

MAY 03 2024

CITY OF BURLINGTON BUILDING DEPARTMENT



## Snyder Architects Inc.

2050 Guelph Line, Burlington, ON.

Glenview Public School

Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

**Architects** 

100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca

Consultants

## Mechanical and Electrical Consultants **DEI & Associates Inc.**

55 Northland Rd. Waterloo, Ontario, N2V 1Y8 Tel: 519-725-3555

Structural Consultant

#### Kalos Engineering Inc.

300 York Boulevard Hamilton, ON L8R 3K6 Tel: 905-333-9119

Civil Consultant

Flora Designs Inc. 1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055

Landscape Consultant

#### **OMC Landscape Architecture**

270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4 Tel: 905-681-7604

ALL ELECTRICAL WIRING MUST BE INSPECTED BY THE ELECTRICAL SAFETY AUTHORITY. SEPARATE INSPECTION APPLICATIONS (PERMITS) MUST BE FILED. FOR MORE INFORMATION PLEASE CALL ELECTRICAL SAFETY AUTHORITY CUSTOMER SERVICE CENTRE PHONE FAX Safety 1-800-667-4278

The ARCHITECT and/or PROFESSIONAL ENGINEERS shall be responsible for the field review of the building during construction to ensure conformance to the approved design. Field review reports must be submitted at least monthly to the Burlington Building Department. Prior to occupancy, the Architect and/or Professional Engineers must also submit a signed statement that, based upon their field review of the work falling within their discipline, they are of the opinion that such work has been carried out in general accordance with the approved plans.

NOTES

1. ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS.

2. ALL CONSTRUCTION WHETHER DETAILED ON PLAN OR NOT IS SUBJECT TO FIELD APPROVAL.

3. REVIEWED PERMIT DRAWINGS MUST REMAIN AT THEJOB SITE UNTIL COMPLETION OF THE PROJECT.

4. REVIEW OF THESE PLANS DOES NOT NECESSARILY GUARANTEE THAT THEY ARE IN CONFORMANCE WITH THE ONTARIO BUILDING CODE.

5. IT IS THE OWNER/BUILDER'S RESPONSIBILITY TO

CALL FOR INSPECTIONS IN ACCORDANCE WITH

THE ONTARIO BUILDING CODE.

CITY OF BURLINGTON
BUILDING SERVICES

REVIEWED
FOR PERMIT ISSUANCE

DATE July 10/2024
PERMIT NUMBER 24 008616

EXAM Ark

# GLENVIEW PUBLIC SCHOOL GYM ADDITION

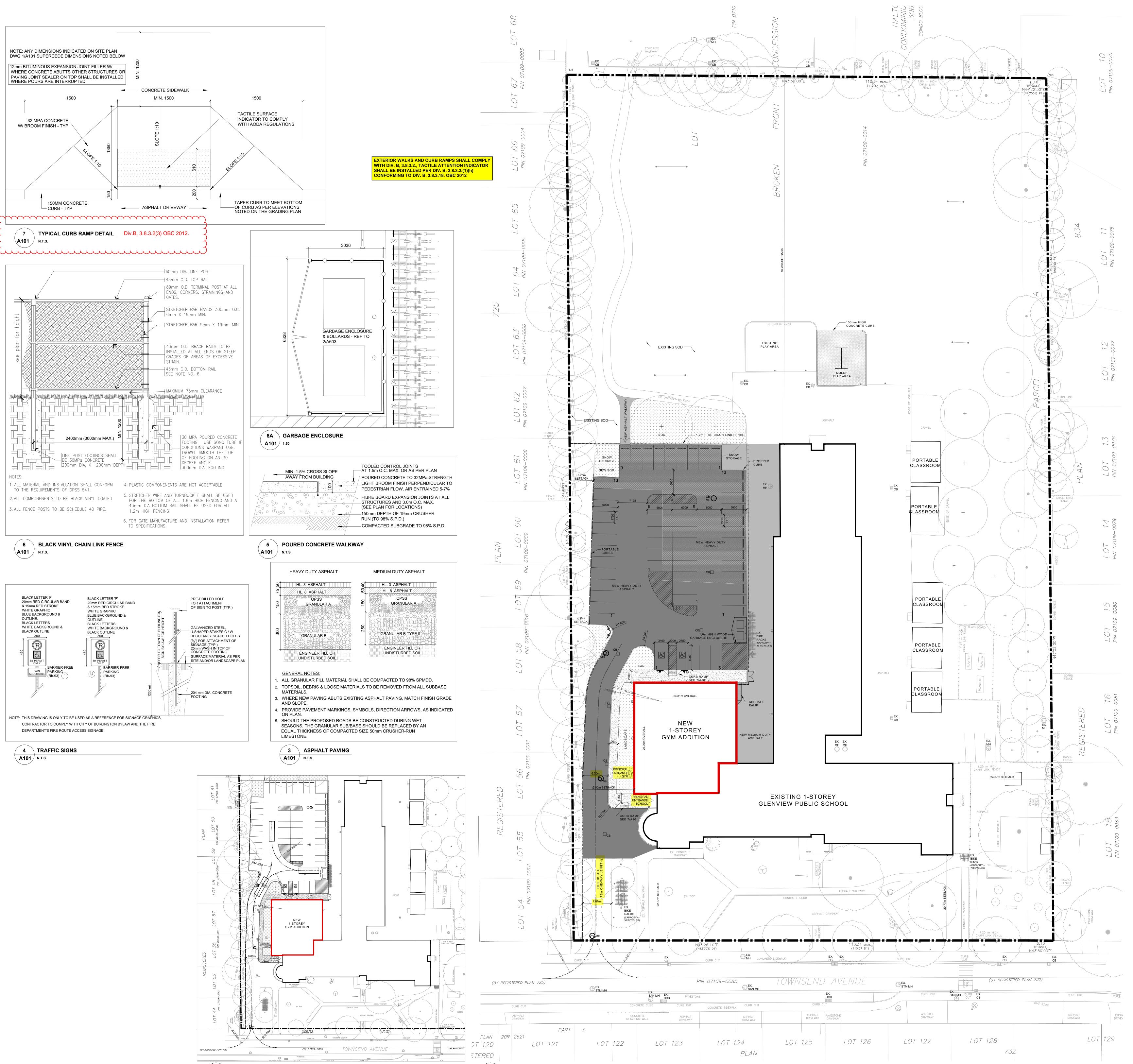
143 TOWNSEND AVE., BURLINGTON, ONTARIO

PROJECT # 2314

ISSUED FOR BUILDING PERMIT SUBMISSION

2024 04 29





1 SITE PLAN

2 GARBAGE TRUCK CIRCULATION PLAN

SITE PLAN NOTES

1. OWNER 1.1 HALTON DISTRICT SCHOOL BOARD 1.2 2050 Guelph Line,

Burlington, ON L7P 5A8 Tel.: 905-335-3665 2. MUNICIPAL ADDRESS OF PROJECT

2.1 143 TOWNSEND AVE. BURLINGTON, ON.

CITY OF BURLINGTON,

3. LEGAL DESCRIPTION / SURVEY INFORMATION 3.1 LEGAL DESCRIPTION PARCEL A, REGISTERED PLAN PF834 AND PART OF LOT 5, BROKEN FRONT CONCESSION (ORIGINALLY IN TOWNSHIP OF EAST FLAMBOROUGH),

REGIONAL MUNICIPALITY OF HALTON

3.2 SURVEY INFORMATION TAKEN FROM: COMPILED TOPOGRAPHIC SURVEY DATED NOVEMBER 28, 2023 - BY: BORYS KUBICKI TARASICK McMILLAN KUBICKI LIMITED ONTARIO LAND SURVEYORS TEL.: 905-569-8849

4. OCCUPANCY CLASSIFICATION O.B.C. BUILDING CLASSIFICATION -- EXISTING BUILDING DOES NOT FIT IN ANY CURRENT OBC BUILDING CLASSIFICATION. 3.2.2.25 - NEW GYM BUILDING

4.1 EXISTING USE - ELEMENTARY SCHOOL 4.2 BUILDING AREA EXISTING 2,814.00 m<sup>2</sup> . PROJECT DATA 2.44 Ha (24,419 m<sup>2</sup>) 5.1 LOT AREA

11.52% 5.2 EXISTING LOT COVERAGE (2,814.00/24,419.00 = 11.52%)5.3 EXISTING GROSS FLOOR AREA 2,802.70 m<sup>2</sup> 5.4 GYM BLDG. GROSS FLOOR AREA 634.85 m<sup>2</sup> 5.5 TOTAL GROSS FLOOR AREA 3,437.55 m<sup>2</sup>

PARKING REQ'D (1.5 SPACES / 1 CLASS RM) (TOTAL EXISTING CLASSROOMS= 15) (TOTAL EXISTING PORTABLES= 5) TOTAL PARKING REQUIRED BARRIER FREE PARKING REQUIRED BARRIER FREE PARKING PROVIDED TOTAL PARKING PROVIDED

5.6 PARKING

BICYCLE PARKING REQ'D (1 SPACE / 10 STUDENTS) 404/10 (TOTAL STUDENTS = 404) & (1 SPACE / 35 STAFF, TOTAL STAFF = 35) TOTAL BICYCLE PARKING REQUIRED TOTAL BICYCLE PARKING PROVIDED

5.7 BUILDING SETBACKS FRONT YARD REAR YARD EAST SIDE YARD WEST SIDE YARD

5.8 BUILDING HEIGHT- EXISTING & NEW

#### SITE PLAN LEGEND

ASPHALT AREA TRAFFIC SIGN HEAVY DUTY - NEW ASPHALT AREA EX. CATCH BASIN HEAVY DUTY -CB SEE CIVIL DWGS REPLACE EXISTING ASPHALT AREA EX. MANHOLE MEDIUM DUTY -MH SEE CIVIL DWGS REPLACE EXISTING CATCH BASIN MANHOLE CONC. WALKWAY SEE CIVIL DWGS SOD / LANDSCAPE MHO MANHOLE AREA - REFER TO SEE CIVIL DWGS LANDSCAPE DWGS.

MULCH PLAY AREA REFER TO SEE ELEC DRAWINGS LANDSCAPE DWGS. CHAIN LINK FENCE  $+\times--\times+$ 

PARKING LOT LIGHT STANDARD SEE ELEC DRAWINGS NEW TREES PAVEMENT MARKING REFER TO LANDSCAPE DWGS. **CONVEX MIRROR** 

1. FOR ALL PLANTS SIZE, TYPE AND LOCATION REFER TO LANDSCAPE DRAWINGS.

MOUNTED ON POST AT 2100mm ABV. GRADE GENERAL NOTES

School

District

2050 Guelph Line, Burlington, ON.

Glenview Public School Gym Addition 143 Townsend Ave.,

Architects

Burlington, ON. L7T 1Z1

Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca Mechanical and Electrical Consultants

DEI & Associates Inc.

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Hamilton, ON L8R 3K6 Tel: 905-333-9119 Civil Consultant Flora Designs Inc.

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**OMC Landscape Architecture** 270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4 Tel: 905-681-7604

Key Plan N.T.S.

1.5X20

Existing

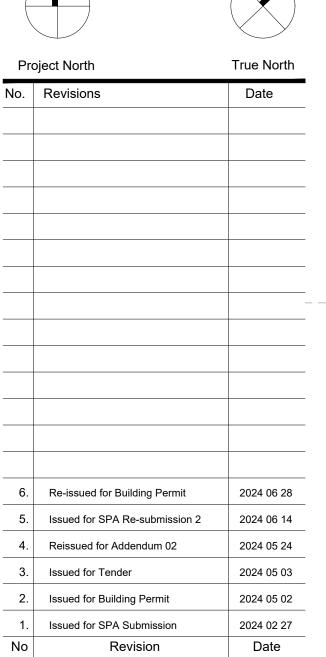
Existing

15.00 m

WALL MOUNTED LIGHT



RECEIVED JUL 3 2024 CITY OF BURLINGTON BUILDING DEPARTMENT **ALL CONSTRUCTION TO MEET ONTARIO BUILDING** CODE REQUIREMENTS

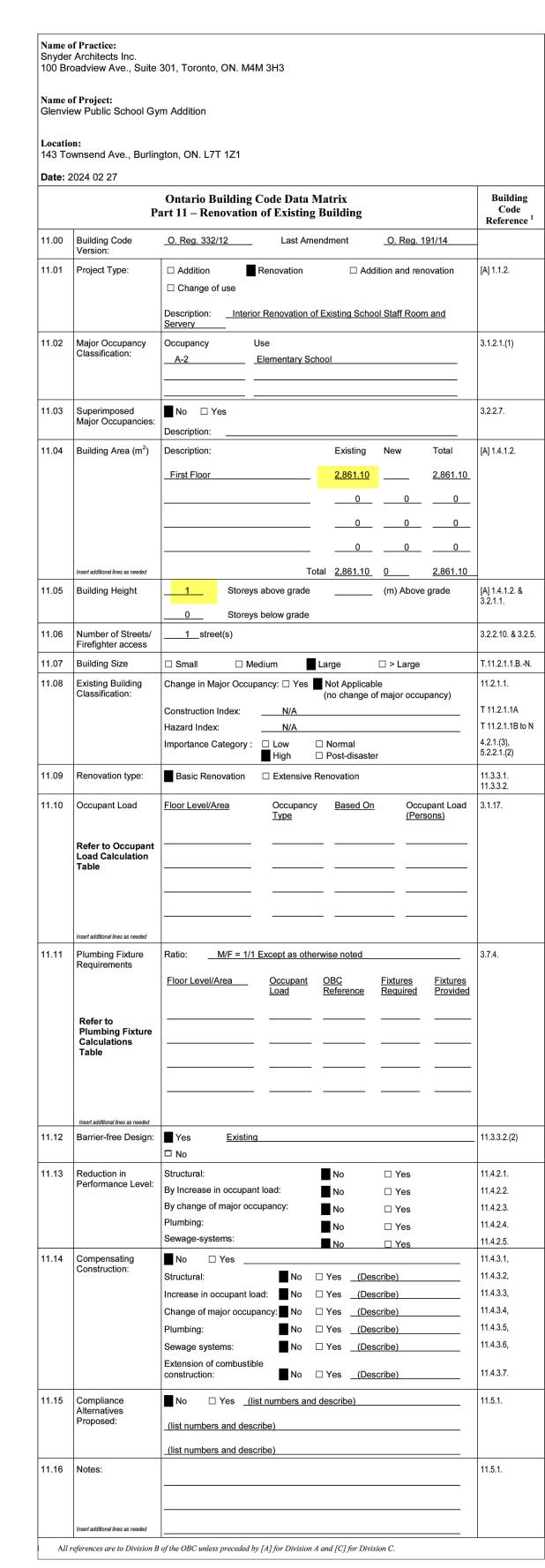


General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

SITE PLAN

This drawing is sized for 36"x48" sheet size. If not the above size, interpret the drawing accordingly

Date:			
<b>Date:</b> 2024 0		gton, ON. L7T 1Z1	
		ntario Building Codo Data Matrix	Building
		ntario Building Code Data Matrix Part 3	Code Reference
3.00	Building Code Version:	O. Reg. 332/12 Last Amendment O. Reg. 89/23	
3.01	Project Type:	New Construction ☐ Addition ☐ Renovation ☐ Change of use ☐ Addition and renovation	[A] 1.1.2.2.
		Description:1 Storey Gym Building with Change Rooms. Washrooms and Storage Rooms	_
3.02	Major Occupancy Classification:	Occupancy         Use           A-2         Gymnasium	3.1.2.
			-
3.03	Superimposed Major Occupancies:	■ No □ Yes  Description:	3.2.2.7.
3.04	Building Area (m <sup>2</sup> )	Description: Existing New Total	[A] 1.4.1.2.
		First Floor	
		0 0 0	
	Insert additional lines as needed		
3.05	Gross Area (m²)	Description: Existing New Total	[A] 1.4.1.2.
	Insert additional lines as needed		
3.06	Mezzanine Area	Total	3.2.1.1.
	(m²)	0 0 0	
	Insert additional lines as	0 0 0	
	needed	Total <u>0</u> <u>0</u> <u>0</u>	
3.07	Building Height	1 Storeys above grade (m) Above grade 0 Storeys below grade	[A] 1.4.1.2. & 3.2.1.1.
3.08	High Building	■ No □ Yes	3.2.6.
3.09	Number of Streets/ Firefighter access	1 street(s)	3.2.2.10. & 3.2.5.
3.10	Building Classification: (Size & Construction	3.2.2.25 Group/Div Group A, Div 2	3.2.2.20 - 83.
3.11	Relative to Occupancy)  Sprinkler System	□ Required Not Required	3.2.1.5. &
		Provided: □ entire building □ selected compartments □ selected floor areas □ basement	3.2.2.17., 3.2.2.18., 3.2.4.8. to
		□ in lieu of roof rating ■ none  Description:	3.2.4.8. to 3.2.4.10., and 3.2.5.13
3.12 3.13	Standpipe System  Fire Alarm System	■ Not required □ Required □ Not required	3.2.9. 3.2.4.
.10	THE AIRITH System	Required       □ Not required         Type Provided:       ■ Single stage       □ Two stage       □ None	J.2.4.
3.14	Water Service / Supply is Adequate	□ No Yes	3.2.5.7.
3.15	Construction Type:	Restriction: ☐ Combustible permitted ☐ Non- combustible required ☐ Encapsulated mass timber	3.2.2.20 83. &
		Actual: ☐ Combustible ☐ Non-combustible ☐ Combination of combustible and non-combustible	
		Proposed new construction to be non-combustible  ☐ Encapsulated mass timber	
		☐ Combination of encapsulated mass timber and non-combustible	3.2.1.4.
3.16	Importance	Heavy Timber Construction: ■ No □ Yes  □ Low □ Low human occupancy □ Post-disaster	4.1.2.1.(3) &
	Category:	shelter	T4.1.2.1.B
		■ High □ Minor storage building □ Explosive or hazardous substances	
		□ Post-disaster	
3.17	Seismic Hazard Index:	(I <sub>E</sub> Fa Sa (0.2)) = 1.3 * 1.0 * 0.266 = 0.34 Seismic design required for Table 4.1.8.18. items 6 to 21:	4.1.2.1.(3) 4.1.8.18.(1)
3.18	Occupant Load	( (I <sub>E</sub> Fa Sa (0.2)) ≥ 0.35 or Post-disaster) No ☐ Yes  Floor Level/Area Occupancy Based On Occupant Posted	3.1.17. and
		Type Load Limit (Persons) Required	3.1.17.1.(2)
		First Floor A, Div 2 Assembly Uses 602	
	Insert additional lines as		-
	needed		-
3.19	Barrier-free Design:	Yes □ No Explanation	3.8.
3.20	Barrier-free Entrances:	Number 2 Explanation  ☐ Yes Explanation	3.1.8.2.
	Substances:	■ No	3.3.1.19.
3.21	Required Fire Resistance Ratings	Horizontal Assembly Rating Supporting Noncombustible (H) Assembly (H) in lieu of rating?	3.2.2.20 - 83., 3.2.1.2, 3.2.1.4.,
		Storeys below grade0 □ No Yes	3.2.2.15.
		Floors over 0 No Yes	
		basement	
		Mezzanine □ No ■ Yes □ N/A	
		<u> </u>	
		Roof □ No ■ Yes □ N/A	
5.22a	Spatial Separation	Exposing EBF L.D. (m) L/H Required % % Unprotected Building Area or FRR (H) Unprotected Openings	3.2.3.
3.22a		Exposing EBF L.D. (m) L/H Required % % Unprotected	3.2.3.
22a	Spatial Separation  Refer to Drawing A102A	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided Permitted	3.2.3.
3.22a	Refer to Drawing A102A	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided    North	3.2.3.
	Refer to Drawing A102A  Insert additional lines as needed	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  North  East South West	3.2.3.
	Refer to Drawing A102A	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided    North	3.2.3.
	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  North  East South West  EBF (repeated)  Construction Type Cladding Type	3.2.3.
	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  Building Area Face (m²) H/L Openings Provided  North  East  South  West  EBF (repeated) Construction Type Cladding Type  North Noncombustible Noncombustible  East  Noncombustible Noncombustible  South Noncombustible Noncombustible  South Noncombustible Noncombustible  Noncombustible Noncombustible	3.2.3.
.22b	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided    North	
.22b	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  Building Area or FRR (H) Unprotected Openings Provided  North  East  South  West  EBF (repeated)  Noncombustible	
.22b	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed  Plumbing Fixture Requirements"  Refer to Occupant Load	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  Building Area Face (m²) H/L Openings Provided  North East South South Noncombustible Noncombustible  EBF (repeated) Construction Type Cladding Type  North Noncombustible Noncombustible Noncombustible  East Noncombustible Noncombustible Noncombustible  South Noncombustible Noncombustible Noncombustible  Mest Noncombustible Noncombustible  Male:Female = 50:50 Except as noted otherwise	
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3.22b	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed  Plumbing Fixture Requirements"  Refer to Occupant Load Calculation Table	Exposing EBF L.D. (m) L/H Required or FRR (H) Unprotected Openings Provided  North  East South West  EBF (repeated)  Noncombustible  Ratio:  Male:Female = 50:50 Except as noted otherwise  Floor Level/Area  Occupa OBC NCS WCS NCS NCS Nt Load  Reference  Required  Provided	3.7.4., 3.8.2.3
3.22b	Refer to Drawing A102A  Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed  Plumbing Fixture Requirements"  Refer to Occupant Load Calculation Table	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided  Building Area or FRR (H) Unprotected Openings Provided  North  East  South  West  EBF (repeated)  Noncombustible	Tables 3.8.2.3.A and
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3.22b	Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed  Plumbing Fixture Requirements"  Refer to Occupant Load Calculation Table  Insert additional lines as needed  Plumbing Fixture Requirements continued:	Exposing EBF L.D. (m) L/H Required % % Unprotected Openings Provided Permitted  North  East South West  North North Noncombustible East Noncombustible South Noncombustible Noncombustible Noncombustible  Noncombustible Noncombustible Noncombustible Noncombustible Noncombustible Noncombustible Noncombustible Ratio: Male:Female = 50:50 Except as noted otherwise  Floor Level/Area Occupa nt Load Reference Required Universal Floor Level/Area (repeated)  Floor Level/Area Free WCs Noncombustible	Tables 3.8.2.3.A and
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3.22b 3.23a	Insert additional lines as needed  Spatial Separation Continued  Insert additional lines as needed  Plumbing Fixture Requirements"  Refer to Occupant Load Calculation Table  Insert additional lines as needed  Plumbing Fixture Requirements continued:  Refer to Plumbing Fixture Calculations Table  Insert additional lines as needed	Exposing EBF LD. (m) L/H Required % Unprotected Openings Provided  Face (m²) H/L Unprotected Openings Provided  North North North North North Noncombustible Noncombusti	Tables 3.8.2.3.A and 3.8.2.3.B
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OCCUPANT LOAD CALCULATION (per OBC table 3.1.17.1)

	SDACE		OCCUPA	NT LOAD
	SPACE		CONCURRENT	NON-CONCURRENT
	CLASSROOMS	5 KG + 10 CLASSROOMS @ 30P/CLASSROOM	450	-
EXISTING SCHOOL BUILDING	OFFICE / STAFF / SERV. / RESOURCE	TOTAL AREA = 268m <sup>2</sup> / 9.3 = 29	29	-
	STOR. / CUST. / MECH.	(3STOR + MECH + CUST.) TOTAL = 114m <sup>2</sup> / 46 = 2	2	C C
GYMNASIUM	GYMNASIUM	452m² / 0.75 = 603	-	603
ADDITION	STORAGE	(3 STORAGE) TOTAL = 61m <sup>2</sup> / 46 = 1	~~~	1
		TOTAL CONCURRENT OCCUPANT LOAD	481	
		MAX OCCUPANT LOAD		603

PLUMBING FIXTURE CALCULATIONS MAX. OCCUPANT LOAD FOR PLUMBING CALCULATIONS:

481 + 120 (5 PORTABLES) + 24	4 (1 FUTURE PORTABL	E = 625
	WASHROOM FIXTUR	RE PROVISIONS
	MALE	FEMALE
EXISTING BUILDING	13	14
GYM ADDITION	2	2
TOTAL	15	16
OCCUPANT LOAD BASED ON PLUMBING FIXT. PROVISIONS	16*26 X	2 = <b>780</b>

EXIT WIDTH CALCULATION			
DO	ORS		
WIDTH [mm]	EXIT CAPACITY		
1050 x 5 = 5,250	5,250 / 6.1 = 861		
Reference: 1) OBC 3.4.3.2 Exit Width. 2) OBC 3.4.3.4 Exit Width Reduction			

See attached letter from Architect, school board Regarding Washroom compliance.

CLASSROOM 120

LEGEND:

PLAN LEGEND

**EXIT** 

NEW GYM BUILDING

PRINCIPAL ENTRANCE

■■■■■ 2 HR. FIREWALL RECEIVED 2 HR. FIRE SEPARATION 1 HR. FIRE SEPARATION JUL 3 2024 CITY OF BURLINGTON \_\_\_XX.XX M \_\_\_ TRAVEL DISTANCE **BUILDING DEPARTMENT ALL CONSTRUCTION TO** MEET ONTARIO BUILDING CODE REQUIREMENTS EXISTING SCHOOL BUILDING INTERIOR RENOVATION AREA

District

School

2050 Guelph Line,

Glenview Public School

Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

Architects

Snyder Architects Inc. 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3

t. 416.966.5444, w. snyderarchitects.ca

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Civil Consultant

Flora Designs Inc. 1109 Britannia Rad East,

Mississauga, ON L4W 3X1

Tel: 647-496-8055

Landscape Consultant **OMC Landscape Architecture** 

270 Sherman Ave. N., Suite 315-MILL

Hamilton, ON L8L 6N4

Key Plan N.T.S.

Tel: 905-681-7604

Burlington, ON.

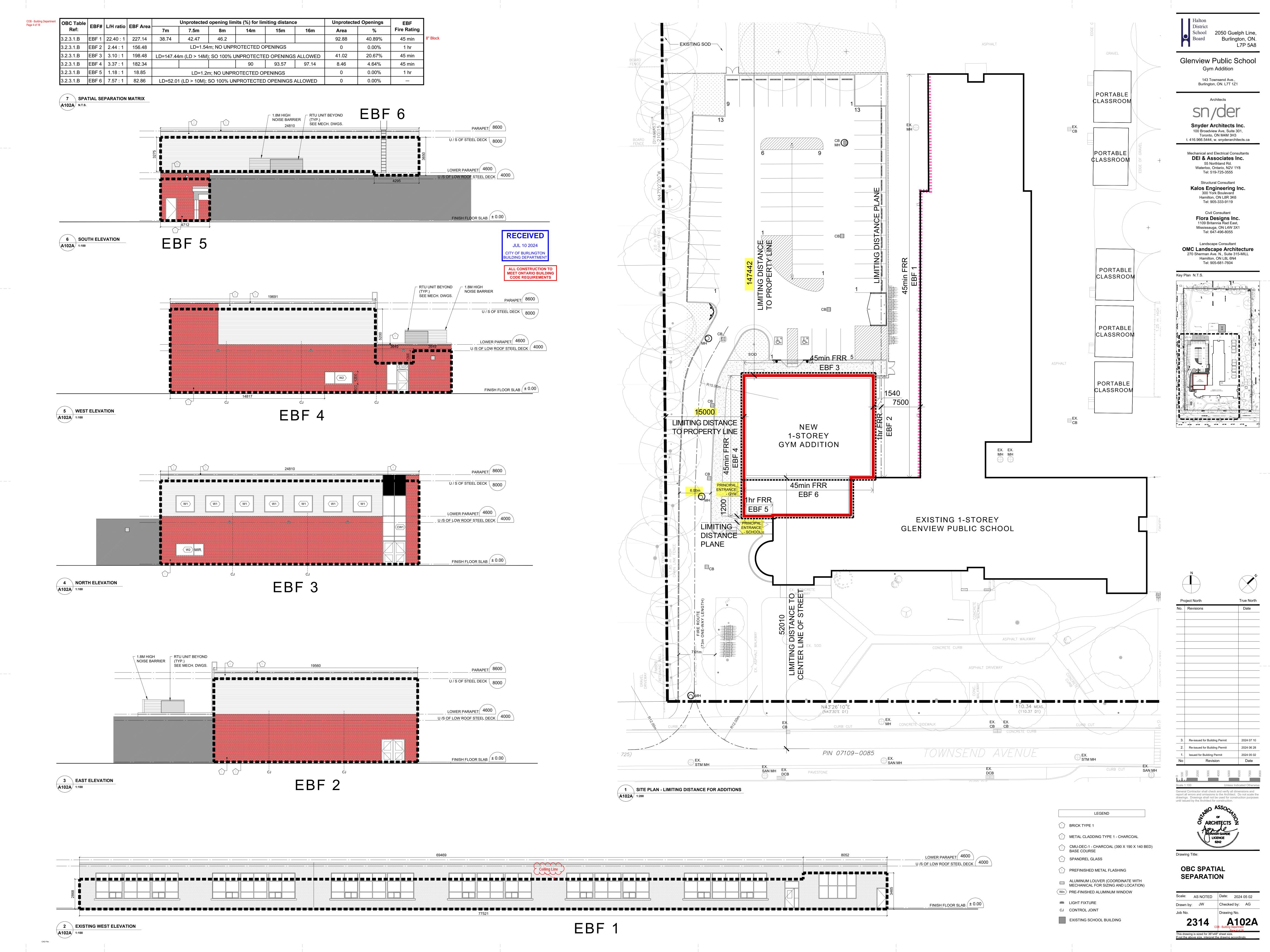
3. Re-issued for Building Permit 2. Issued for Building Permit General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

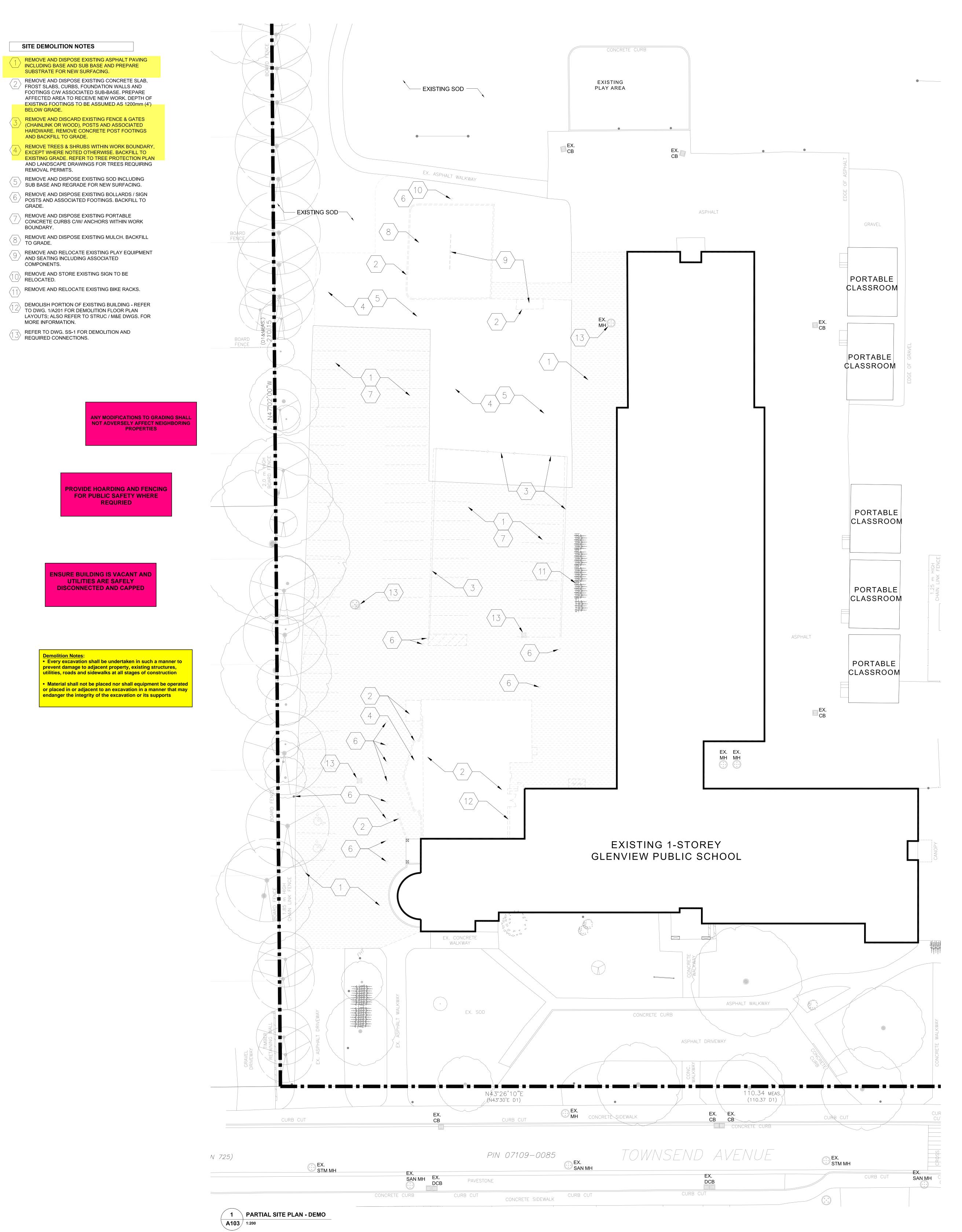
> **OBC DATA MATRIX &** FIRE SEPARATION **DIAGRAM**

Scale: AS NOTED Date: 2024 02 27

1 GYM ADDITION - FIRE SEPARATION AND TRAVEL DISTANCE LAYOUT

VESTIBULE 28.10 M 27.95 M





District School Burlington, ON.

Glenview Public School Gym Addition

> Burlington, ON. L7T 1Z1 Architects

143 Townsend Ave.,

Snyder Architects Inc. 100 Broadview Ave, Suite 301,

Toronto, ON M4M 3H3

t. 416.966.5444, w. snyderarchitects.ca

Mechanical and Electrical Consultants DEI & Associates Inc. 55 Northland Rd. Waterloo, Ontario, N2V 1Y8

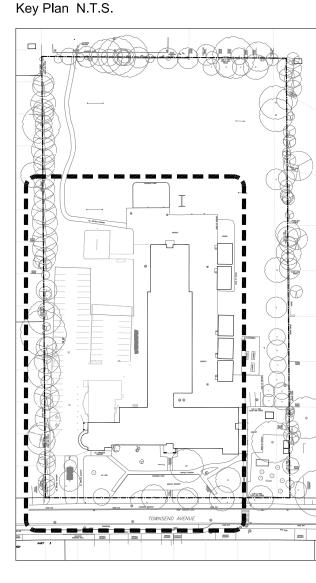
Tel: 519-725-3555 Structural Consultant Kalos Engineering Inc. 300 York Boulevard Hamilton, ON L8R 3K6

Tel: 905-333-9119

Civil Consultant Flora Designs Inc. 1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055

Landscape Consultant OMC Landscape Architecture 270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4

Tel: 905-681-7604



RECEIVED JUL 3 2024 CITY OF BURLINGTON BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

4. Re-issued for Building Permit 2024 05 17 3. Issued for Addendum 01 2. Issued for Tender 2024 05 03 Issued for Building Permit

General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

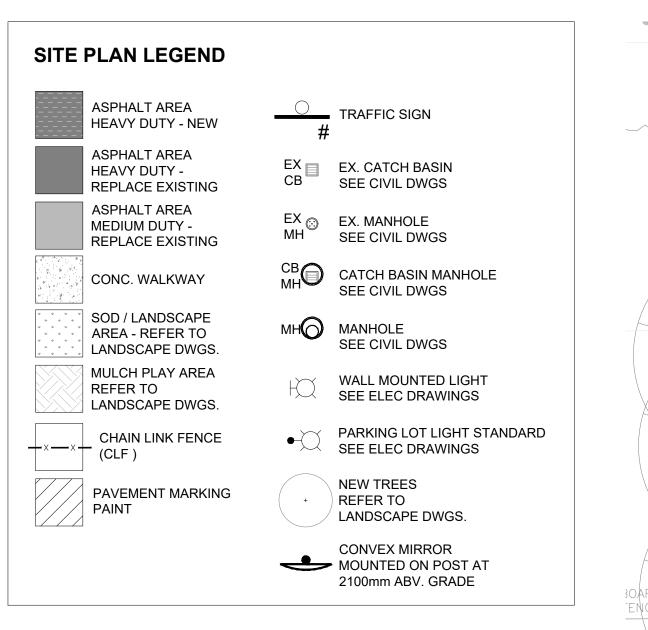


Drawing Title:

PARTIAL SITE PLAN -**DEMOLITION** 

Scale: AS NOTED Date: 2024 04 19 This drawing is sized for 36"x48" sheet size.

If not the above size, interpret the drawing accordingly.

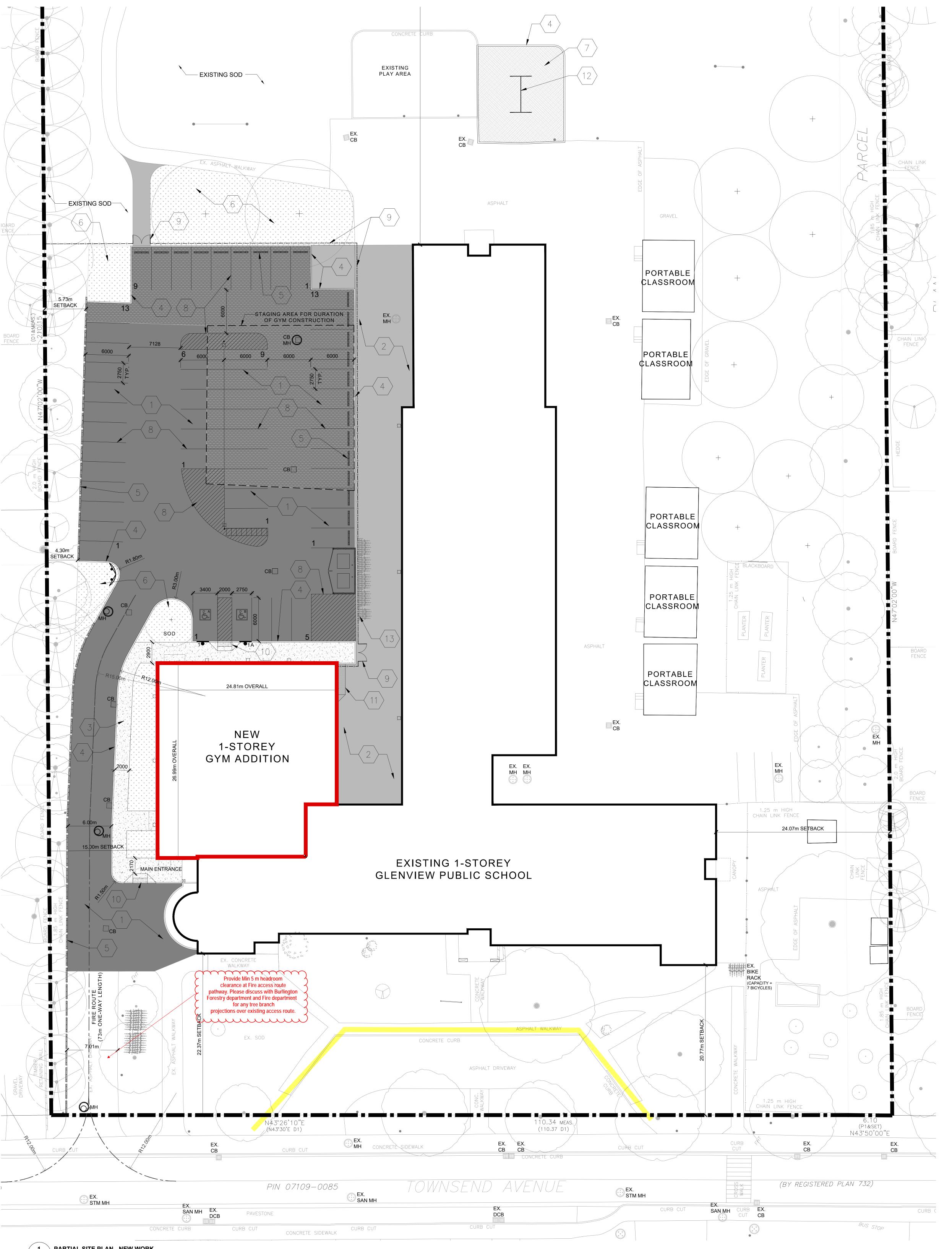


#### SITE NEW WORK NOTES

PROVIDE NEW HEAVY DUTY ASPHALT.

PROVIDE NEW CONCRETE CURB.

- PROVIDE NEW MEDIUM DUTY ASPHALT.
- PROVIDE NEW CONCRETE SIDEWALK.
- PROVIDE NEW PORTABLE CURB.
- PROVIDE NEW SOD (INCLUDING NEW TOP SOIL).
- PROVIDE NEW MULCH.
- PROVIDE NEW PAINTED PARKING LINES TYP. (AS SHOWN)
- PROVIDE NEW 1.2M TALL CHAIN LINK FENCE WITH
- 1.2M WIDE DOUBLE GATES C/W LOCKING HARDWARE.
- PROVIDE CURB RAMP WITH TACTILE WALKING SURFACE INDICATOR AS PER 7/A101.
- PROVIDE NEW ASPHALT RAMP FOR GYM DOOR 139D.
- REFER TO SITE GRADING DWG 'SG-1'
- REINSTALL EXISTING PLAY EQUIPMENT.
- REINSTALL EXISTING BIKE RACKS.



District School

2050 Guelph Line, Burlington, ON.

Glenview Public School Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

Architects

Snyder Architects Inc. 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca

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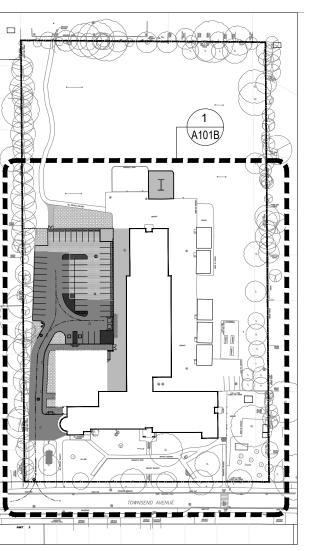
Landscape Consultant **OMC Landscape Architecture** 270 Sherman Ave. N., Suite 315-MILL

Hamilton, ON L8L 6N4

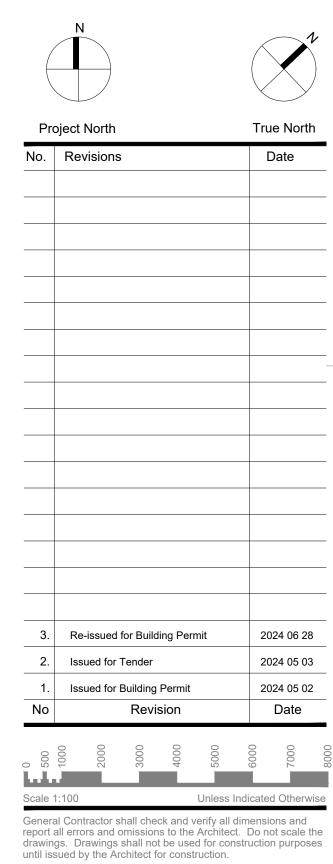
Tel: 905-681-7604

Tel: 647-496-8055

Key Plan N.T.S.









**PARTIAL SITE PLAN -**

Drawing Title:

**NEW WORK** Scale: AS NOTED Date: 2024 04 19

This drawing is sized for 36"x48" sheet size. If not the above size, interpret the drawing accordingly.

1 PARTIAL SITE PLAN - NEW WORK

#### **GENERAL DEMOLITION NOTES**

- 1. DEMOLITION WORK MUST BE COORDINATED WITH ABATEMENT SPECIFICATION SECTIONS IN THE PROJECT MANUAL. 2. PROTECT AND PROPERLY STORE ANY DOORS TEMPORARILY REMOVED BY CONTRACTOR TO FACILITATE CONSTRUCTION ACTIVITIES. REINSTATE AFTER CONSTRUCTION IS COMPLETED.
- 3. ARCHITECTURAL DEMOLITION DRAWINGS MUST BE READ IN CONJUNCTION WITH STRUCTURAL, MECH, AND ELEC DEMOLITION DRAWINGS. REFER TO STRUCTURAL, MECH, & ELEC DEMOLITION DRAWINGS FOR COORDINATION. 4. CONTRACTOR TO PATCH, REPAIR, AND MAKE GOOD ALL HOLES OR DAMAGE DUE TO GENERAL DEMOLITION ON EXISTING MASONRY SURFACES TO
- 5. CONTRACTOR TO FILL IN AND FINISH HOLES LEFT ON THE FLOORS OR WALLS AFTER DEMOLITION TO MATCH WITH EXISTING SURROUNDING MATERIALS. 6. CONTRACTOR TO ENSURE THAT THE PORTION OF THE BUILDING BEING RETAINED IS HANDED BACK TO THE OWNER (ON COMPLETION OF CONSTRUCTION) IN A CONDITION SIMILAR TO ITS EXISTING CONDITION OR BETTER. THIS REQUIREMENT INCLUDES PROVISION OF ALL NECESSARY PROTECTIVE MEASURE LIKE SECURITY, PROTECTION FROM THE

ELEMENTS AND WEATHER, HEATING /

DEHUMIDIFICATION AS NECESSARY, ETC.

#### **DEMOLITION NOTES**

- DEMOLISH AND DISPOSE OF EXISTING MASONRY WALL ASSEMBLY (FULL HEIGHT), COMPLETE WITH ASSOCIATED COMPONENTS. FILL IN CONCRETE BLOCK HOLES AND/OR MASONRY ROUGH SURFACES WITH CEMENTITIOUS MATERIAL TO MAKE SMOOTH FOR RECEIVING NEW FINISH MATERIAL.
- DEMOLISH AND DISPOSE OF EXISTING MASONRY WALL ASSEMBLY (UP TO NEW LINTEL). REMOVE EDGE BLOCKS AND SAW-TOOTH IN NEW SOLID CMU TO FORM NEW EDGE. COORDINATE W/ STRUC. / MECH. / ELEC. DWGS FOR ADDITIONAL DEMOLITION SCOPE OF WORK. REFER TO DETAIL (A/A901). MAKE GOOD AFFECTED SURFACES.
- REMOVE AND DISPOSE OF EXISTING VCT FLOORING & WALL BASE. MECHANICALLY REMOVE ADHESIVES TO A SMOOTH HAVE A SMOOTH SURFACE READY TO RECEIVE SKIM COAT. SUBSEQUENTLY APPLY SKIM COAT OF CEMENTITIOUS TOPPING TO ENCAPSULATE REMAINING ADHESIVE AND FURTHER MAKE SMOOTH FOR
- REMOVE AND DISPOSE OF EXISTING TERRAZO FLOORING & BASE. MAKE GOOD FLOOR AND EDGE OF RETAINED SLAB TO RECEIVE NEW FLOOR FINISH. COORDINATE WITH MECH. DWGS FOR ADDITIONAL DEMO AS REQUIRED FOR MECH

APPLICATION OF SPECIFIED FLOOR FINISH.

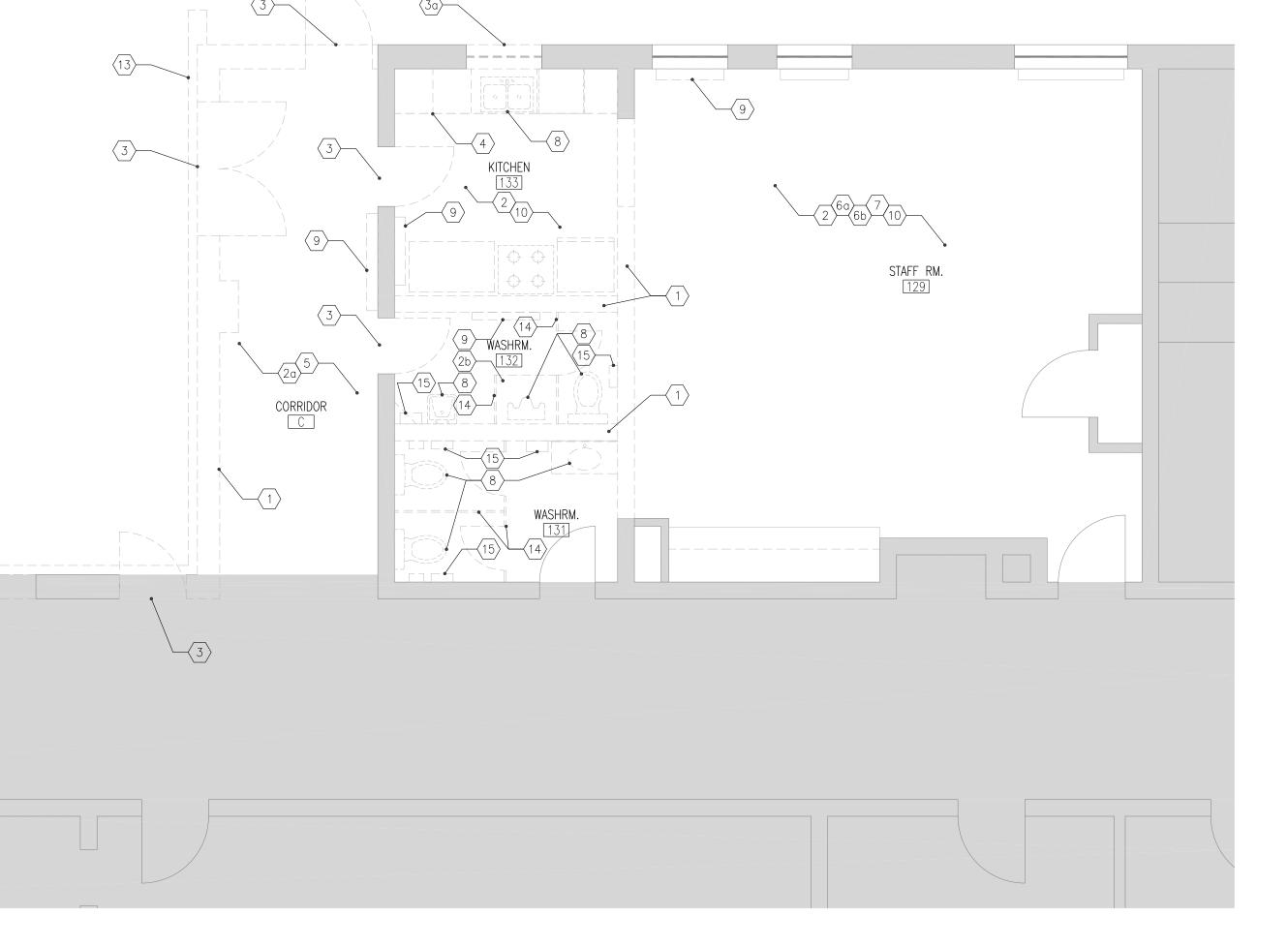
FLOOR FINISH.

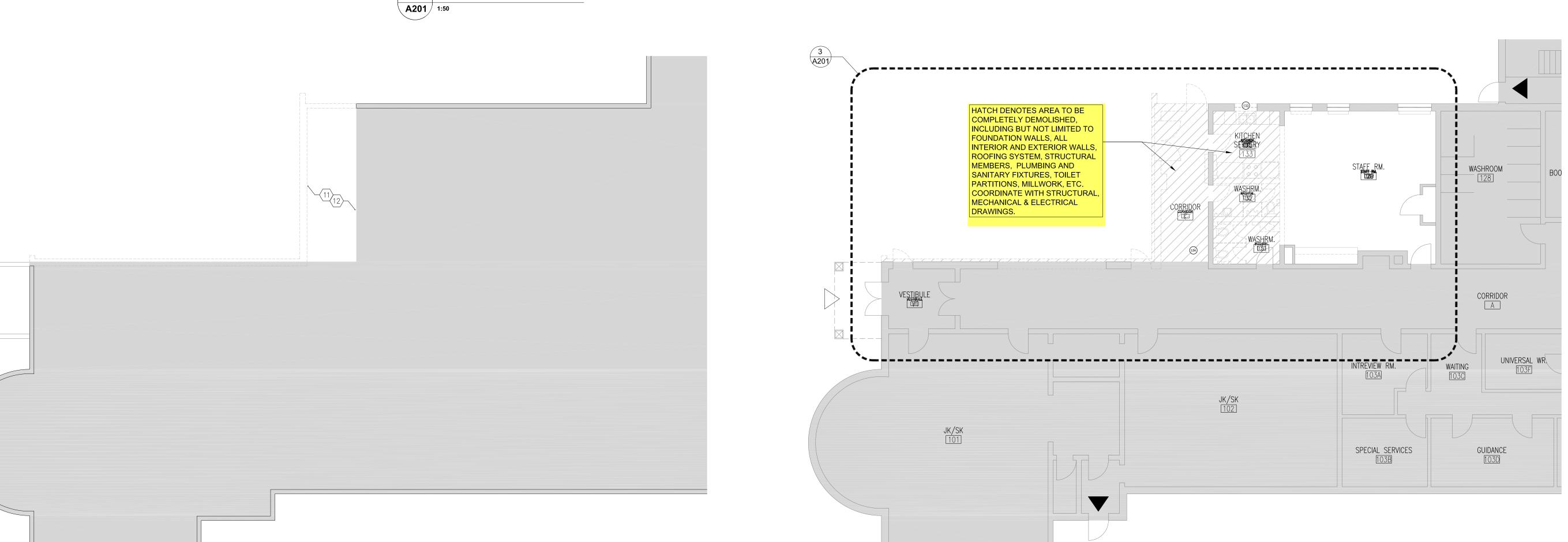
CONNECTIONS. REMOVE AND DISPOSE OF EXISTING RAISED FLOORING & BASE COMPLETE WITH GRINDING FLOOR SMOOTH TO

RECEIVE A SKIM COAT AND SUBSEQUENTLY RECIEVE NEW

- REMOVE AND DISPOSE OF EXISTING DOOR & FRAME WITH ASSOCIATED COMPONENTS, AND MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
- REMOVE AND DISPOSE OF EXISTING WINDOW & FRAME WITH ASSOCIATED COMPONENTS, INCL. ROLLER SHADES AND MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW
- REMOVE AND DISPOSE OF EXISTING MILLWORK 4 ASSEMBLIES COMPLETE WITH ASSOCIATED APPLIANCES, PLUMBING AND ELECTRICAL - COORDINATE W/ M&E DWGS AND MAKE GOOD AFFECTED SURFACES.
- REMOVE AND DISPOSE OF EXISTING ACT CEILING WITH ELECTRICAL FIXTURES AND OTHER DEVICES. MAKE GOOD AFFECTED SURFACES. PATCH & MAKE GOOD EXISTING PLASTER/ GYPSUM BOARD SURFACE ABOVE. ENSURE EXISTING FIRE RATED SUBSTRATE IS MAINTAINED. COORDINATE W/STRUC. /MECH. /ELEC. DWGS FOR ADDITIONAL DEMOLITION SCOPE FOR WORK.
- REMOVE AND STORE EXISTING ACT TILES FOR REUSE. AS REQUIRED TO ACCOMODATE NEW WORK SUPPORT T-BAR WHERE NECESSARY. RETAIN EXISTING LIGHT FIXTURES, MECH DIFFUSERS, AND GRILLS. REFER TO MECH., ELEC. & SPRINKLER DRAWING FOR ADDITIONAL SCOPE AND REQUIREMENTS. REINSTALL ACT TILES AFTER COMPLETION OF MECH. SERVICES- RENOVATION WORK. UNDAMAGED CLG COMPONENTS ARE ACCEPTABLE FOR

- RETAIN EXISTING ACT CEILING. SUPPORT T-BAR AS angle NECESSARY DURING DEMOLITION OF EXISTING WALL.
  - COVER AND PROTECT EXISTING LIGHT FIXTURES. COORDINATE WITH ELEC DRAWINGS.
    - REMOVE AND DISPOSE OF EXISTING FIXTURES AND ALL angle ASSOCIATED PLUMBING. PROVIDE CAPPING FOR SERVICES FLUSH WITH SLAB WHERE INDICATED AND RECONNECT THE REMAINING TO NEW SERVICES. REFER MECH DWG FOR DETAILS. MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK.
    - REMOVE AND DISPOSE OF EXISTING RADS WITH ASSOCIATED COMPONENTS. REFER MECH DWG FOR DETAILS. MAKE GOOD AFFECTED SURFACES TO RECEIVE NEW WORK. t. 416.966.5444, w. snyderarchitects.ca
    - CUT AND DISPOSE OF EXISTING SLAB/FLOOR TO CREATE  $^{
      angle}$  NEW TRENCH. REFER TO MECH., ELEC. DWGS FOR ADDITIONAL REQUIREMENTS/ UNDER SLAB CONNECTIONS. MAKE GOOD (ALL TRADES) ALL SURFACES READY TO Mechanical and Electrical Consultants RECEIVE PROPOSED WORK. DEI & Associates Inc. REMOVE AND DISPOSE OF EXISTING ROOFING SYSTEM
    - angle COMPLETE WITH OTHER COMPONENTS, SUCH AS (BUT NOT LIMITED TO) METAL FLASHING, ROUGH CARPENTARY, PARAPET ASSEMBLY (WHERE REQUIRED). CLEAN ROOF DECK SURFACE WITH PROPER TREATMENT MATERIALS TO RECEIVE NEW MEMBRANE. REFER TO MECH. & ELEC. DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE IN THE ROOF AREA.
    - CUT, REMOVE AND DISPOSE OF EXISTING ROOF DECK COMPLETE WITH ASSOCIATED COMPONENTS. REFER TO STRUC., MECH. & ELEC. FOR DEMOLITION COORDINATION.
    - REMOVE AND DISPOSE OF EXISTING EXTERIOR METAL angle WALL PANELS COMPLETE WITH ASSOCIATED COMPONENTS.
  - REMOVE AND DISPOSE OF EXISTING TOILET PARTITIONS  $^4$  angle COMPLETE WITH ASSOCIATED COMPONENTS.
  - REMOVE AND DISPOSE OF EXISTING TOILET ACCESSORIES AND MILLWORK COMPLETE WITH ASSOCIATED COMPONENTS.





3 PARTIAL FLOOR PLAN - DEMO

2 PARTIAL ROOF PLAN - DEMO





Glenview Public School

Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

Architects

Snyder Architects Inc.

100 Broadview Ave, Suite 301,

Toronto, ON M4M 3H3

55 Northland Rd.

Waterloo, Ontario, N2V 1Y8

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Landscape Consultant OMC Landscape Architecture

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Hamilton, ON L8L 6N4

Tel: 905-681-7604

Key Plan N.T.S.

Flora Designs Inc.

CODE REQUIREMENTS MAY 03 2024 CITY OF BURLINGTON BUILDING DEPARTMEN

Issued for Building Permit

drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

General Contractor shall check and verify all dimensions and

PARTIAL FLOOR & **ROOF PLAN -DEMOLITION** 

Scale: AS NOTED Date: 2024 02 13

**ABBREVIATIONS** - ACTIVE LEAF - ACOUSTIC CEILING TILE ABOVE FINISH FLOOR - CERAMIC TILE CONTROL JOINT CMU - CONCRETE MASONRY UNIT CONT CONTINUOUS · CONTROL PANEL, REF. MECH/ELEC - SEALED CONCRETE SEMI RECESSED UNIT HEATER CONCRETE WALL PAINTED COMPLETE WITH **EXPANSION JOINT** EEW **EMERGENCY EYE WASH STATION.** SEE MECH DWGS EX/EXST. EXPOSED EXTERIOR - FLOOR DRAIN. SEE MECH DWGS WALL MOUNTED FIRE EXTINGUISHER, SEE MECH. DWGS - FIRE EXTINGUISHER CABINET. FULLY RECESSED - FIRE RESISTANT RATING FROST SLAB GYPSUM BOARD GB-AR - ABUSE RESISTANT GYPSUM BOARD d) INTERIOR NON LOAD-BEARING WALLS -- GYPSUM WALL BOARD - HOLLOW METAL HARDWOOD PLYWOOD HP-MR - HARDWOOD PLYWOOD - MOISTURE RESISTANT MARKER BOARD MIRROR METAL SHELVING - NOT IN CONTRACT - NOT TO SCALE - PUSH BUTTON MOUNTED IN MASONRY - PORCELAIN FLOOR TILE - PRESSURE TREATED PLYWOOD PT.PLY PAPER TOWEL DISPENSER SOAP DISPENSER - SIMILAR SS/ST. STL - STAINLESS STEEL - TOILET PAPER DISPENSER TEMPERED GLASS - UNLESS OTHERWISE NOTED

**EXTERIOR WALL TYPES** 90mm BRICK (TYPE 1) 25mm AIR SPACE 75mm SPRAY-ON INSULATION (INS-FIP-1) AIR/VAPOUR BARRIER (ONLY ÀS SHOWN ON DETAILS) 190mm CONCRETE BLOCK (CMU) €W1a 90mm BRICK (TYPE 1) AND PENETRATIONS PERIMETER REQUIRED 240 CONCRETE BLOCK (CMU)

FLOOR PLAN NOTES

EXTENDED UP TO UNDERSIDE OF ROOF

DECK ABOVE UNLESS NOTED OTHERWISE.

NON LOAD BEARING WALLS TO STOP 25mm

BELOW THE UNDERSIDE OF UNDERSIDE OF

SOUND SEALS AT TOP. (ULC) LISTED FIRE

STOP & SMOKE SEAL @ U/S OF ROOF DECK

2. PROVIDE BULLNOSE CMU WHERE OUTSIDE

COURSE ABOVE FINISHED FLOOR NOT TO

INSTALLATION OF BASE MATERIAL. CMU

HAVE BULLNOSE, TO ALLOW CLEAN

COURSE AT CEILINGS NOT TO HAVE

3. ALL DIMENSIONS ON FLOOR PLANS ARE

4. ALL STEEL LINTELS/ BEAMS IN EXTERIOR

5. WALLS ABOVE OPENINGS TO BE MASONRY

U.N.O. (LINTELS REFER TO STRUCTURAL

AROUND ALL PIPE AND DUCT DROPS AS

REQUIRED. CO-ORDINATE WITH MECH.

a) EXTERIOR VENEER - REFER TO BUILDING

b) EXTERIOR CORE - REFER TO STRUCTURAL

PROVIDE CONTROL JOINTS ON BOTH

STRUCTURAL FOR ADDITIONAL JOINTS.

PROVIDE CONTROL JOINTS ON BOTH

SIDES OF OPENINGS TYP. SPACING NOT

SIDES OF OPENINGS TYP. REFER TO

10. PROVIDE NEW MANUAL WINDOW SHADES

b) PROVIDE WOOD BLOCKING @ WINDOW

HEADS FOR SHADE INSTALLATION.

BUILDING DIMENSIONS AND MODIFY NEW

13. GRIND DOWN OR RAISE EXISTING FLOOR

DRAINAGE TO NEW OR EXISTING FLOOR

REQUIRED UPON REMOVAL OF EXISTING

SUPPLIED BY CLIENT AND INSTALLED BY

16. ALL CONCRETE COURSES AT CONNECTION

17. FOR TYPÍCAL EXTERIOR WALL CONTROL

18. FOR TYPICAL INTERIOR WALL CONTROL

19. FOR TYPICAL GYM.RM. FLOOR SOCKET

DETAIL SEE DRAWING 7 / A702

JOINT DETAIL SEE DRAWING 15 / A601 PLAN

JOINT DETAIL SEE DRAWING15 / A601 PLAN

OF BRACKETS MUST BE %100 SOLID

a) AT WINDOWS 'WIN2' IN GYM 139.

12. CONTRACTOR TO VERIFY EXISTING

SUBSTRATE TO PROVIDE POSITIVE

14. USE SELF LEVELING COMPOUND IF

FLOORING TO SUITE NEW FLOOR

15. APPLIANCES NOTED AS NIC TO BE

CONSTRUCTION TO SUIT.

INSTALLATION.

DETAILS.

THE CONTRACTOR.

c) INTERIOR LOAD-BEARING WALLS -

WALLS TO BE GALVANIZED- SEE

6. PROVIDE 100mm SOLID CMU CHASE

9. MASONRY CONTROL JOINTS:

TO EXCEED 5m.

FI EVATIONS.

SHOWN AS MASONRY OPENINGS. (ROUGH

CLEAN CONNECTION WITH CEILING

BULLNOSE EDGE. THIS IS TO PROVIDE

CORNERS ARE EXPOSED - TYPICAL, FIRST

ROOF DECK. PROVIDE CONTINUOUS

AT ALL RATED WALLS.

MATERIALS.

SPECIFICATIONS.

1. ALL INTERIOR PARTITION WALLS TO BE

22mm MWP-1 HORIZONTAL 25mm Z-GIRT 75mm THERMAL SPACERS w/ 75mm SPRAY FOAM INS-FIP-240 CONCRETE BLOCK (CMU)

41mm FURRING CHANNEL @ 400 O.C. EXISTING BLOCK WALL **FLOOR TYPES** FLOOR TYPE 1 FLOOR FINISH AS PER ROOM FINISH SCHEDULE CONCRETE SLAB - THICKNESS AS PER STRUCTURAL BELOW-SLAB VAPOUR RETARDER

AGGREGATE BASE COURSE

PW5 15.9mm GYPSUM BOARD (GB-AR)

INTERIOR PARTITION WALL TYPES

(PW1a) 7///// 190mm CONCRETE BLOCK-2HR RATED (FIREWALL/SEPARATION)

HEIGHT OF WALL - UPTO 200MM ABOVE CEILING

PW2a 240mm CONCRETE BLOCK-2HR RATED (FIREWALL)

89mm ACOUSTICAL INSULATION 15.9mm GYPSUM BOARD (GB-AR)

PW2 240mm CONCRETE BLOCK

It is the Owner responsibility to maintain Ferro connector in good working conditions without any defects (e,g crack etc) and regularly inspect any potential defects.

INDICATES ROOF ELEVATION U/S OF THE (XXXX) STEEL DECK OR TOP OF PRECAST ROOF SLAB TP XXXX -- TOP OF MASONRY PARAPET SLOPED ROOF DECK AND STRUCTURE STRUCTURE TO SLOPE TOWARDS DRAIN SCUPPER TO BE THROUGH WALL AS INDICATED ON DETAIL THE UNDERSIDE OF THE SCUPPER PIPE TO BE MAX.150mm ABOVE ROOF DRAIN ROOF DRAIN - REF MECH. DWGS

VTR VENT THROUGH ROOF

SLOPED INSULATION - MIN. 1%

──── INDICATES DIRECTION OF SLOPE

(LP) INDICATES ROOF LOW POINT

(HP) INDICATES ROOF HIGH POINT

ROOF TYPES & LEGEND

HOT APPLIED INTER-PLY ADHESIVE

13mm COVER BOARD

VAPOUR RETARDER

METAL DECK

13mm UNDERLAY BOARD

BUILT-UP BITUMINOUS ROOFING (SECTION 07 51 00)

GRAVEL SURFACE FINISH (HOT APPLIED FLOOD COAT)

4-PLY TYPE IV FELT WITH 1-PLY COMPOSITE FELT WITH

TAPERED INSULATION (INS-RB-3) WHERE REQUIRED

100mm / 2 LAYERS (MIN.) ROOF INSULATION (INS-RB-3)

STEEL ROOF STRUCTURE - SLOPE ACCORDING TO ROOF PLAN

INSTALLATION WHERE NECESSARY. PROVIDE MOTORIZED SHADES AT EXTERIOR WINDOWS IN ROOM 139. FIRE RATING LEGEND REFER TO DWG. A102 FOR INDICATION OF FIRE SEPARATIONS ON FLOOR PLANS

WINDOW / SHADES LEGEND

AT U/S OF BEAM FOR WINDOW COVERING

EXTERIOR GLAZING. PROVIDE 19mm PLYWOOD

PROVIDE WINDOW COVERING FOR ALL

FIRE PROTECTION SCHEDULE FRR FIRE PROTECTION CONDITION LINTEL >2m @ LOAD BEARING WALL 1 HR CMU (TYP.): **OBC SB-2.1.1** and 2 ht PROVIDE INTUMESCENT COATING AT EXPOSED FACE: BEAM/ LINTEL IN FIRE SEPARATION / FIREWALL VARIES | THICKNESS BASED ON M/D RATIO LINTEL AT EXTERIOR FIRE-RATED DOORS 1 HR FLOOR | ALL FLOOR ASSEMBLIES 1 HR POUR IN PLACE CONCRETE: **OBC SB-2.2.1** WALL FIRE SEPARATIONS AS SHOWN ON VARIES CMU (TYP.): OBC SB-2.1.1 DRAWINGS FIRE PROOFING NOTES: PROVIDE FIRESTOP & SEAL AT ALL SLAB EDGES. PROVIDE FIRESTOP & SEAL AT ALL STRUCTURAL MEMBER THAT PENETRATE FIRE SEPARATIONS. PROVIDE FIRESTOP & SEAL AT ALL FIRE SEPARATIONS THAT TERMINATES @ EXTERIOR WALLS. 4. ENSURE REQUIRED RATING WITH CMU; GROUT SOLID WHERE NECESSARY. 5. SEAL TOP OF FIRE SEPARATION WITH FIRE STOPPING. 6. PROVIDE INTUMESCENT PAINT\* FOR FOLLOWING LOCATIONS: INCLUDE PROVISION FOR 6 ADDITIONAL BEAMS DOOR# 133, 134, 135, 136, 139D, 140 PRIME ROOF BEAMS & JOISTS, ALL LINTELS & EXPOSED BEAMS. 8. CONTRACTOR TO PROVIDE APPROPRIATE CMU TYPE TO ACHIEVE REQUIRED FIRE RATING AT SPECIFIED \* INTUMESCENT COATING SYSTEM TO YIELD FRR AS NOTED IN SCHEDULE ABOVE. REFER TO SPEC SECTION 09 96 46 Provide Engineering judgment letter to Building Inspector regarding intusment coating to double angles from Fire protection Engineer. Final approval subject to Field inspection by inspector. Please discuss with inspector before application of Intumescent coating.

**RENOVATION NOTES** 

NEW FLOOR FINISH AND BASE. TERMINATE FLOORING UNDER CENTERLINE OF DIVIDING DOORS UNLESS OTHERWISE NOTED OR SHOWN.

NEW CEILING. REFER TO A301 FOR TYPE AND DETAILS OF CEILINGS. PATCH AND MAKE GOOD EXISTING PLASTER/ GYPSUM BOARD SUBSTRATE ABOVE & ENSURE EXISTING FIRE RATING IS MAINTAINED. INFILL WITH NEW CMU BLOCK WITH THICKNESS TO MATCH

EXISTING ADJACENT. PAINT ALL WALLS COMPLETE. PATCH AND MAKE GOOD ALL

4 BLOCK AS REQ'D PRIOR TO PAINTING (REMOVED CEILING

PATCH AND MAKE GOOD ALL WALLS, CORRIDOR FLOORS,

CEILINGS AND WALL BASE DISTURBED BY DEMOLITION

AND CONSTRUCTION THROUGHOUT (TYP). REFER TO

TRACK, MILLWORK ETC). PATCH AND MAKE GOOD CONC. SLAB TO RECEIVE NEW FLOOR FINISH AFTER MECH. CONNECTIONS COMPLETED. REFER TO MECH. DWGS FOR EXTENT OF WORK AFFECTING EX. CONC. SLAB (TYP.)

MASONRY BLOCK EDGE DETAIL A/A901. INSTALL OWNER'S APPLIANCES IN COMPLIANCE W/ MANUFACTURER'S INSTRUCTIONS. REFER TO MECH. & **GENERAL NOTES** 

1. CONTRACTOR TO ENSURE THAT THE PORTION OF THE BUILDING BEING RETAINED IS HANDED BACK TO THE OWNER (ON COMPLETION OF CONSTRUCTION) IN A CONDITION SIMILAR TO IT'S EXISTING CONDITION OR BETTER. THIS REQUIREMENT INCLUDES PROVISION OF ALL NECESSARY PROTECTIVE MEASURES LIKE SECURITY, PROTECTION FROM THE ELEMENTS AND WEATHER, HEATING / DEHUMIDIFICATION AS NECESSARY, ETC.

2. TO PERFORM DEMOLITION OF EXISTING BUILDING ELEMENTS CO-ORDINATE WITH STRUCTURAL AND MECHANICAL & ELECTRICAL DRAWINGS. 3. CONTRACTOR IS RESPONSIBLE TO CUT EXISTING SLAB ON GRADE AS INDICATED FOR NEW SANITARY & MAKE GOOD ALL AFFECTED SURFACES.

PIPELINES. REFER TO MECH. DWGS. FOR EXACT LOCATIONS. INFILL FLOOR SLAB TO MATCH EXISTING AND 4. SOIL BEARING PRESSURE SHALL BE VERIFIED BY GEOTECHNICAL ENGINEER BEFORE PLACING CONCRETE AND REPORT SHALL BE PROVIDED TO BUILDING INSPECTOR. 5. CONTRACTOR IS RESPONSIBLE TO CAREFULLY REMOVE EXISTING CEILING TILE TO ACCOMMODATE ALL NEW MECH. & ELEC. CONNECTIONS. REINSTATE TILE AFTER WORK IS COMPLETE. REFER TO MECH. DWGS.

6. FOR EXACT QUANTITIES AND LOCATIONS OF MECHANICAL & ELECTRICAL ITEMS, PLEASE REFER

MECHANICAL & ELECTRICAL DWGS. 7. AT LOCATIONS OF ANY MECH & ELEC EQUIPMENT REMOVAL, INSTALLATION OR RE-LOCATION. INFILL WALL OPENINGS WITH MASONRY & MORTAR (OR GYPSUM ASSEMBLY) AND FINISH TO MATCH EXISTING ADJACENT. 8. ALL NEW MECH & ELEC BOX AND CONDUIT INSTALLATIONS ARE TO BE CONCEALED IN WALLS. CUT CHASE AND PATCH WALL AS REQUIRED. CONDUITS ARE NOT TO BE SURFACE MOUNTED. 9. FIRE STOP SYSTEM TO HAVE FT RATING AS PER DIV. B, 3.1.9.1(2) OBC 2012 AND CAN/ULC - S115 STANDARDS. 10.PIPES, DUCTS AND TOTALLY ENCLOSED RACEWAY SHALL BE INSTALLED SO AS TO NOT CAUSE COLLAPSE OF FIRE WALL AS PER DIV. B, 3.1.10.1(4) OBC 2012. PLEASE COORDINATE WITH MECH & ELEC.

\_\_\_\_\_\_ (N.I.C.) (N.I.O.) ABOVE (N.I.C.) ABOVE (N.I,C.)  $-\langle 1 \rangle \langle 2 \rangle \langle 4 \rangle \langle 5 \rangle \langle 7 \rangle$ REF. (N.I.C.) RM. (N.I.C.) CABINET (N.I.C.) 3 PARTIAL FLOOR PLAN - INTERIOR RENO

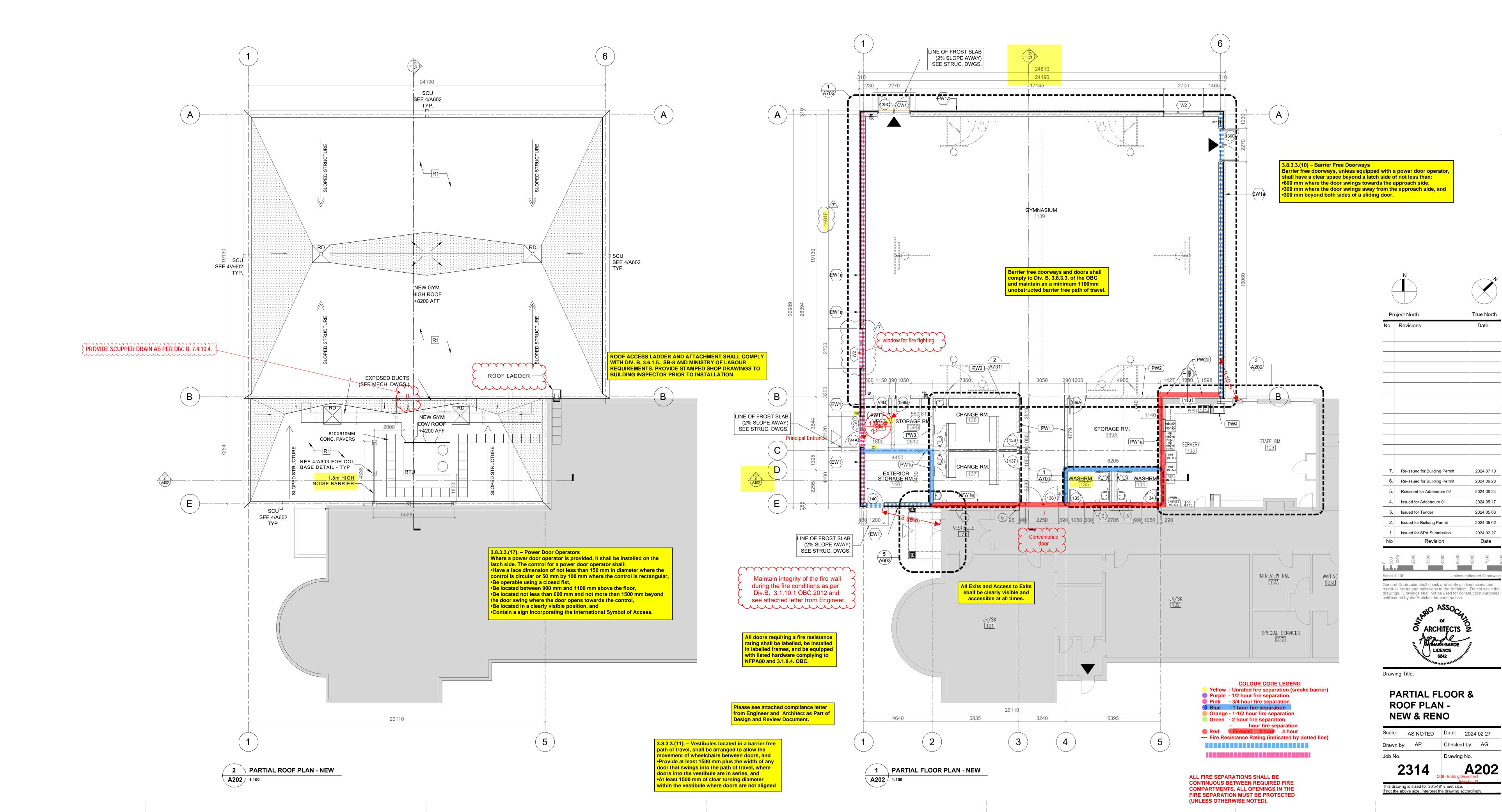
Key Plan N.T.S.

**RECEIVED** JUL 10 2024 CITY OF BURLINGTON **UILDING DEPARTMEN ALL CONSTRUCTION TO MEET ONTARIO BUILDING** CODE REQUIREMENTS

VINYL COMPOSITE TILE

TO STORM SYSTEM)

- WEEPER TILE DRAINAGE SYSTEM (COORD. W/ MECH. FOR CONNECTION



District School 2050 Guelph Line, Glenview Public School Gym Addition 143 Townsend Ave., Burlington, ON. L7T 1Z1 Architects Snyder Architects Inc. 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3 t. 416.966.5444, w. snyderarchitects.ca Mechanical and Electrical Consultants DEI & Associates Inc. 55 Northland Rd. Waterloo, Ontario, N2V 1Y8 Tel: 519-725-3555 Structural Consultant Kalos Engineering Inc. 300 York Boulevard Hamilton, ON L8R 3K6 Tel: 905-333-9119 Civil Consultant Flora Designs Inc 1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055 Landscape Consultant **OMC Landscape Architecture** 270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4 Tel: 905-681-7604

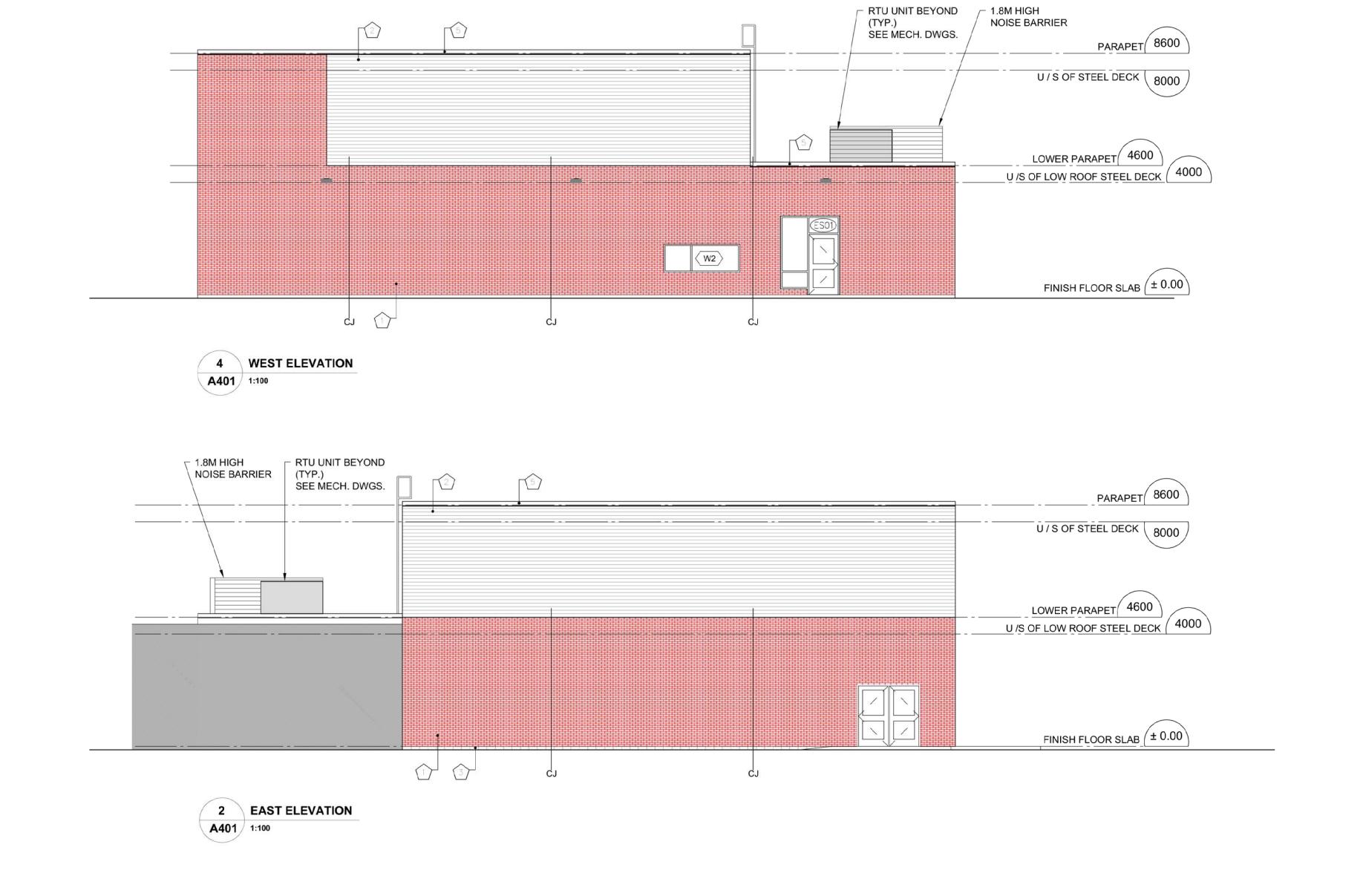
> 2024 06 28 2024 05 24

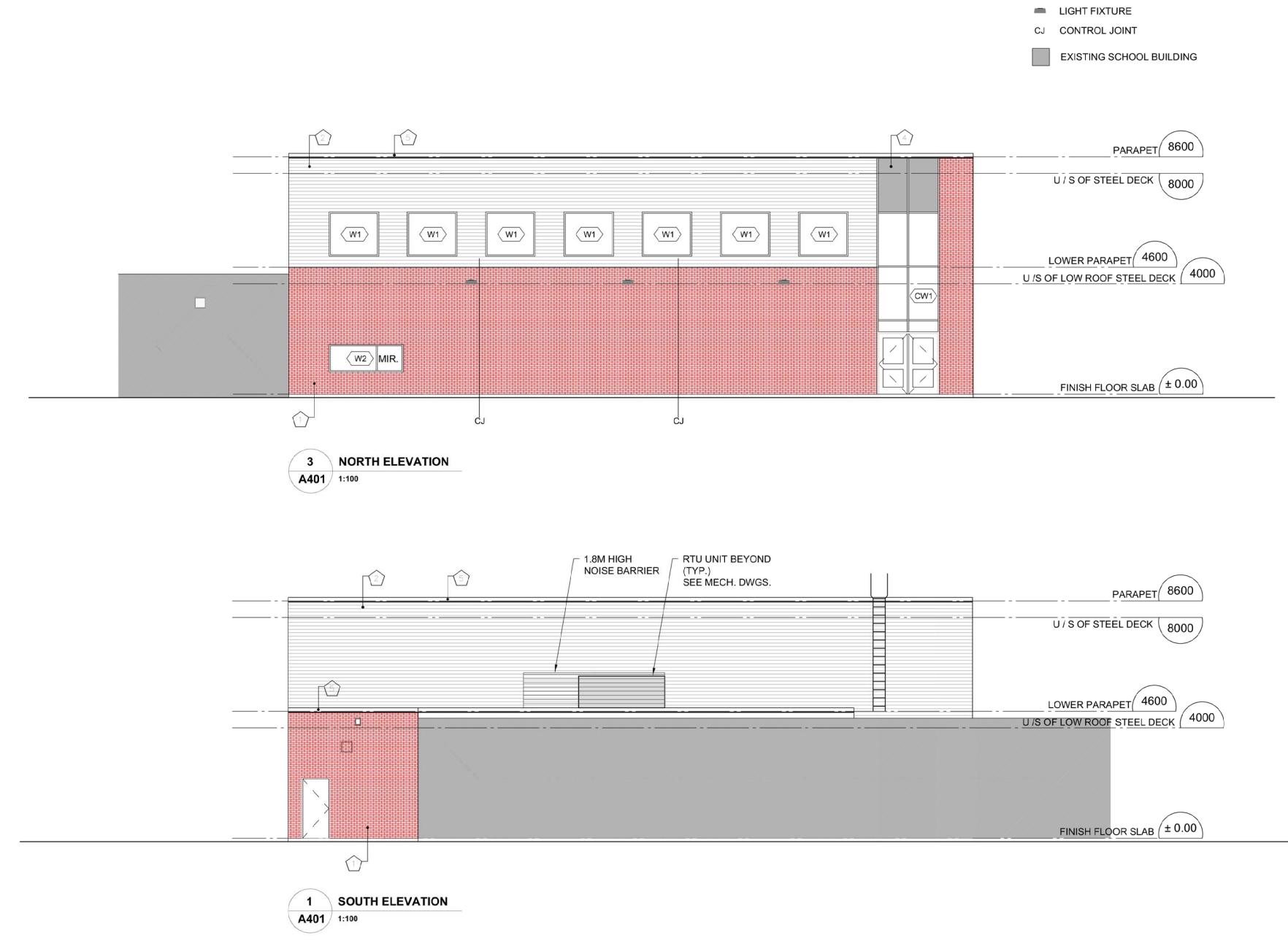
2024 05 17

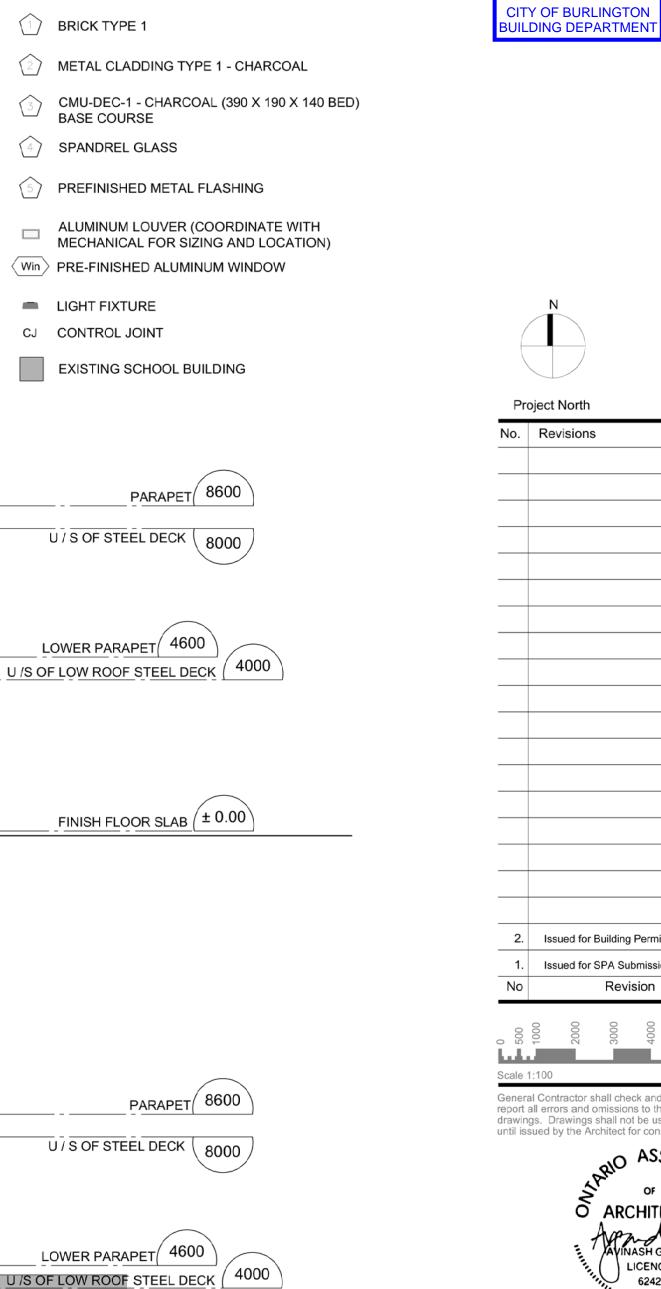
2024 05 03

2024 05 02

Date







LEGEND

BRICK TYPE 1

4 SPANDREL GLASS

5 PREFINISHED METAL FLASHING

Win PRE-FINISHED ALUMINUM WINDOW

Halton
District
School
Board

Board

Burlington, ON.
L7P 5A8

Glenview Public School Gym Addition

> 143 Townsend Ave., Burlington, ON. L7T 1Z1

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Key Plan N.T.S.

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS RECEIVED MAY 03 2024

Project North Date No. Revisions 2. Issued for Building Permit 2024 05 02 2024 02 27 Date Issued for SPA Submission Revision

General Contractor shall check and verify all dimensions and report all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

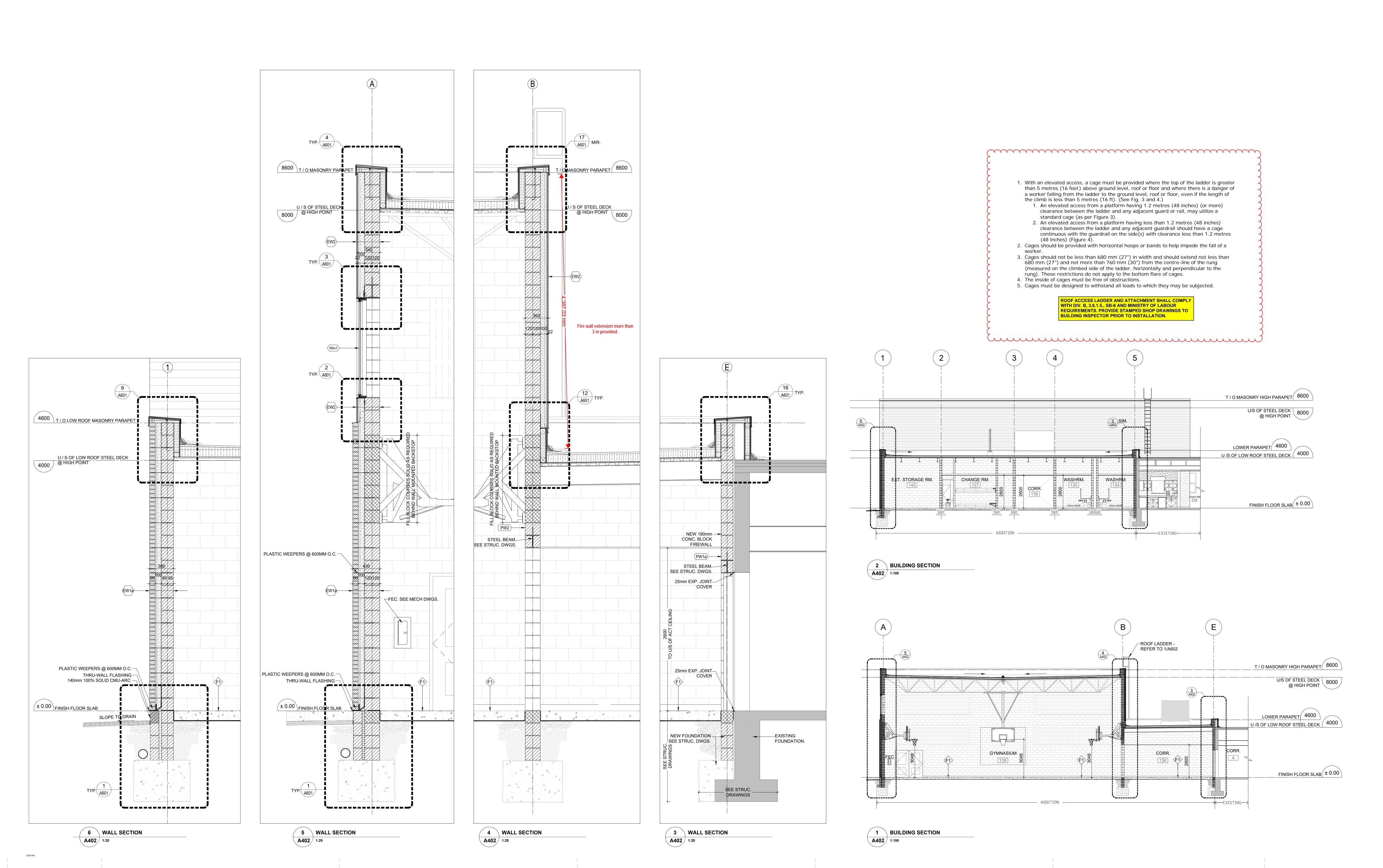
Drawing Title:

**BUILDING ELEVATIONS** 

Scale: AS NOTED Date: 2024 02 27 This drawing is sized for 36"x48" sheet size.

If not the above size, interpret the drawing accordingly.

COB - Building Department Page 9 of 18



COB - Building Department Page 10 of 18

Halton
District
School
Board

2050 Guelph Line Burlington, ON L7P 5A

Glenview Public School

Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

Architects

Sn/der

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Key Plan N.T.S.

RECEIVED

JUL 3 2024

CITY OF BURLINGTON BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

Project North

No. Revisions

Date

4. Re-issued for Building Permit

2024 06 28

3. Issued for Addendum 01

2024 05 17

2. Issued for Tender

2024 05 03

1. Issued for Building Permit

2024 05 02

No Revision

Date

drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION ASSOCIATION AVINASH GARDE LICENCE 6242

Drawing Title:

BUILDING & WALL

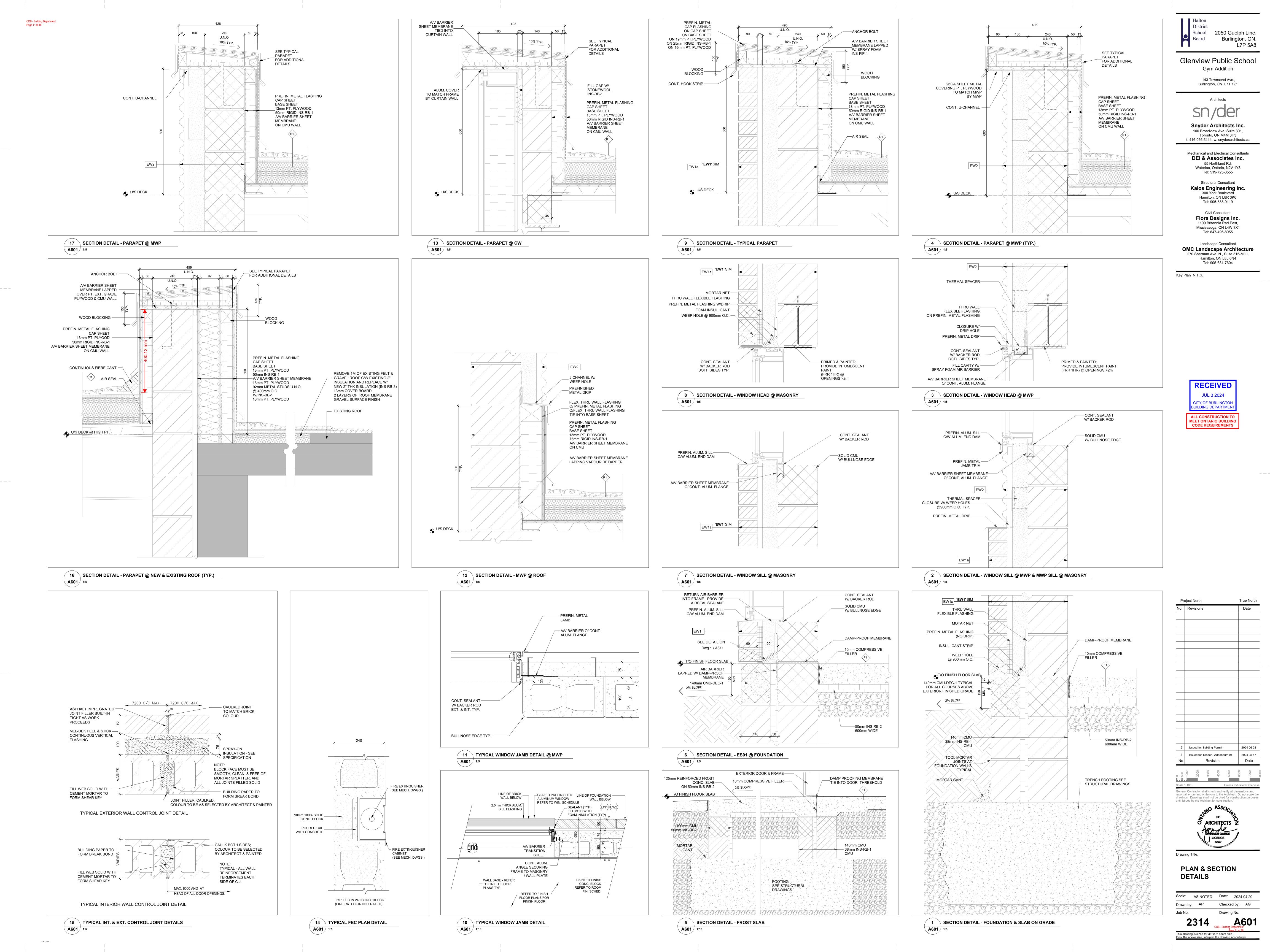
Scale: AS NOTED Date: 2024 04 05

Drawn by: AP Checked by: AG

Job No. Drawing No.

2314

COB - Building Department
Page 10 of 18



Glenview Public School Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

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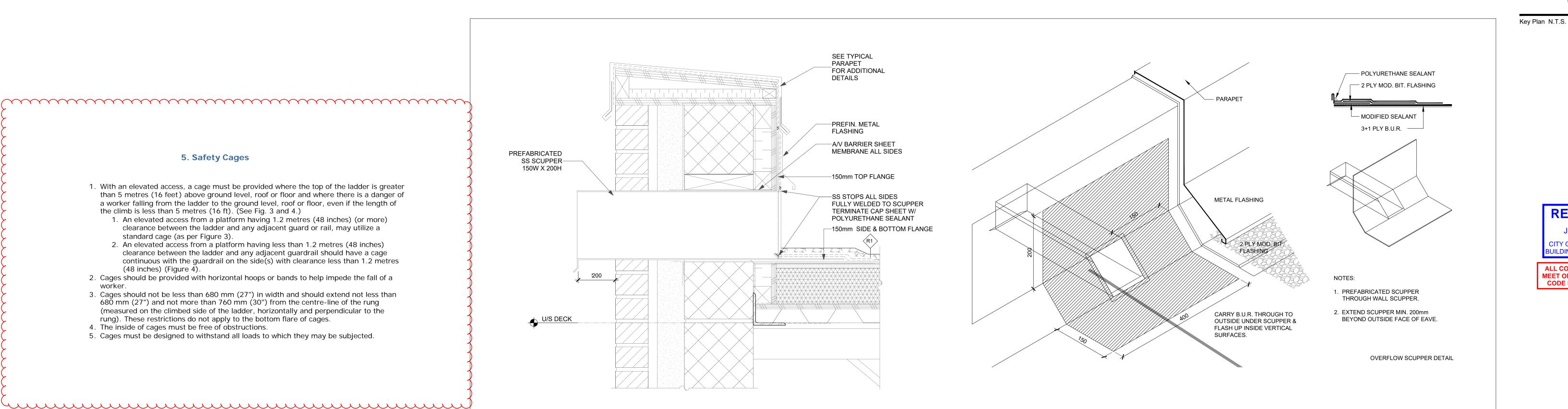
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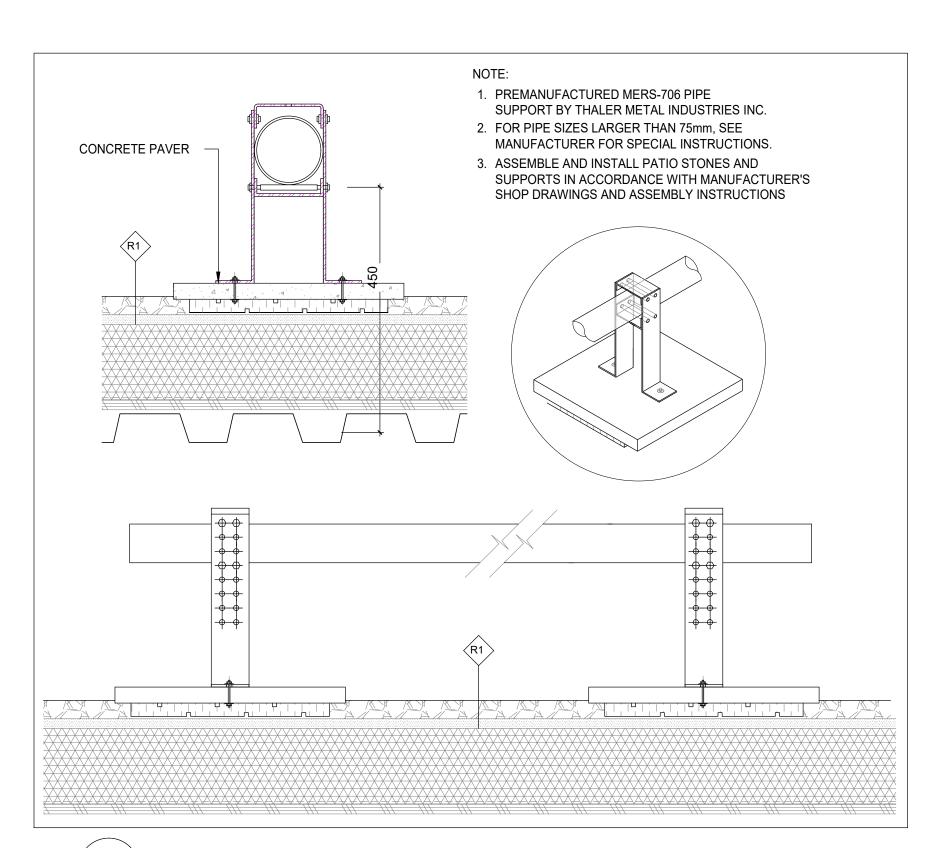


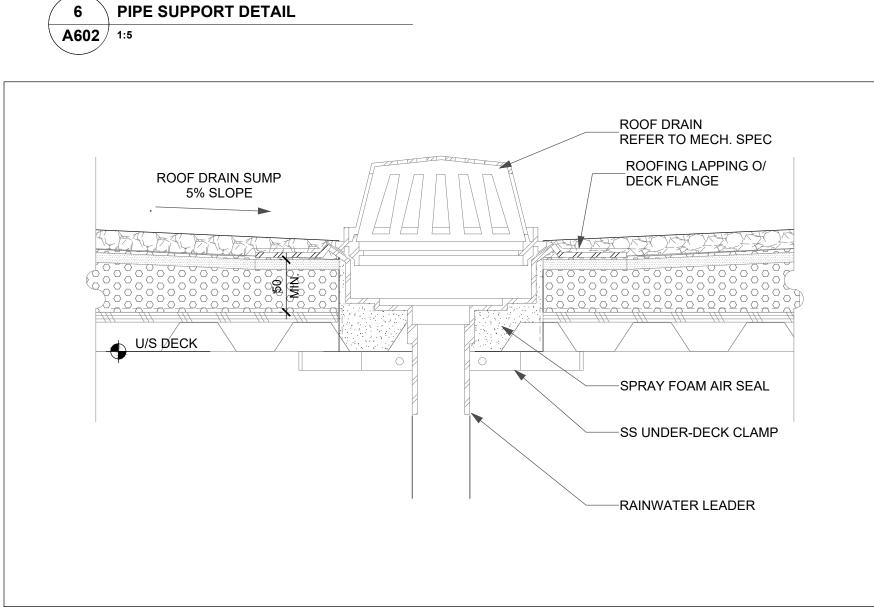
- 1. With an elevated access, a cage must be provided where the top of the ladder is greater than 5 metres (16 feet) above ground level, roof or floor and where there is a danger of a worker falling from the ladder to the ground level, roof or floor, even if the length of
- the climb is less than 5 metres (16 ft). (See Fig. 3 and 4.) 1. An elevated access from a platform having 1.2 metres (48 inches) (or more) clearance between the ladder and any adjacent guard or rail, may utilize a standard cage (as per Figure 3).
- 2. An elevated access from a platform having less than 1.2 metres (48 inches) clearance between the ladder and any adjacent guardrail should have a cage continuous with the guardrail on the side(s) with clearance less than 1.2 metres (48 inches) (Figure 4).
- 2. Cages should be provided with horizontal hoops or bands to help impede the fall of a
- 3. Cages should not be less than 680 mm (27") in width and should extend not less than 680 mm (27") and not more than 760 mm (30") from the centre-line of the rung (measured on the climbed side of the ladder, horizontally and perpendicular to the rung). These restrictions do not apply to the bottom flare of cages.
- 4. The inside of cages must be free of obstructions. 5. Cages must be designed to withstand all loads to which they may be subjected.

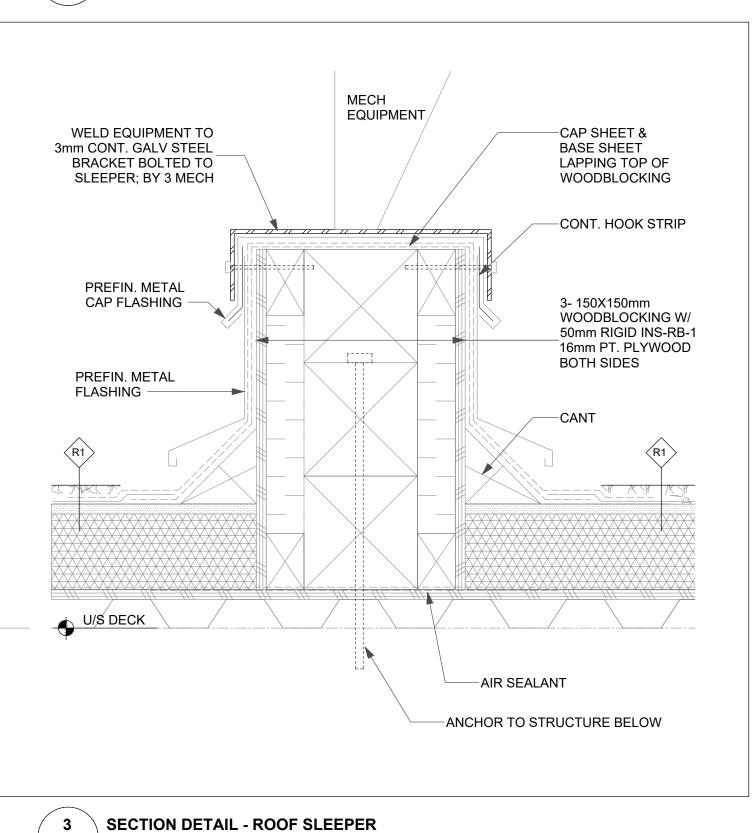


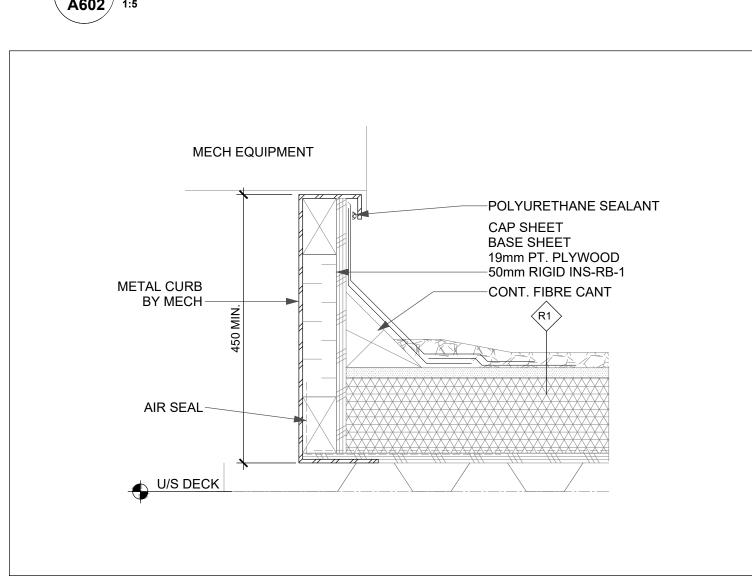
RECEIVED JUL 3 2024 CITY OF BURLINGTON BUILDING DEPARTMENT **ALL CONSTRUCTION TO** MEET ONTARIO BUILDING CODE REQUIREMENTS

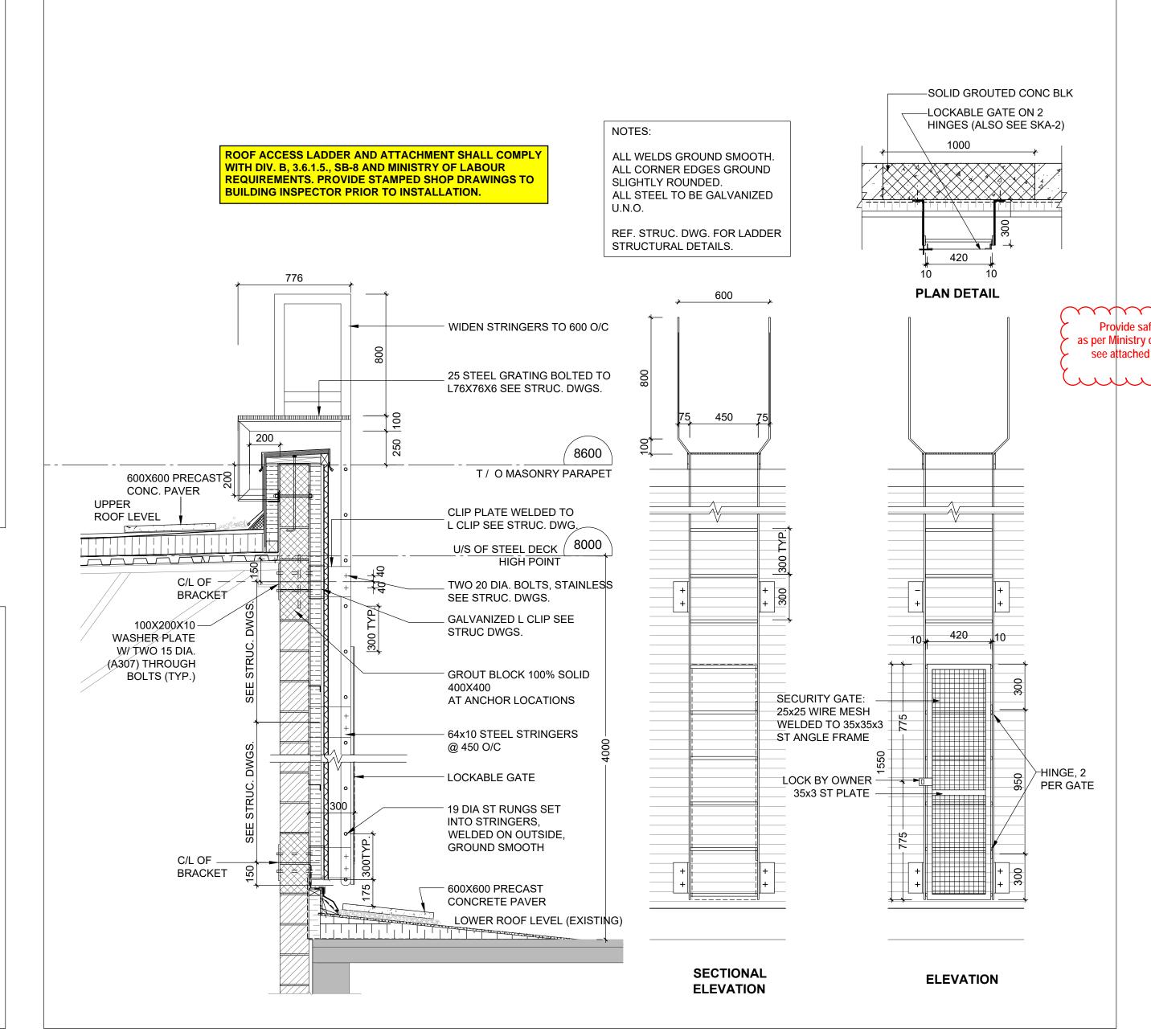


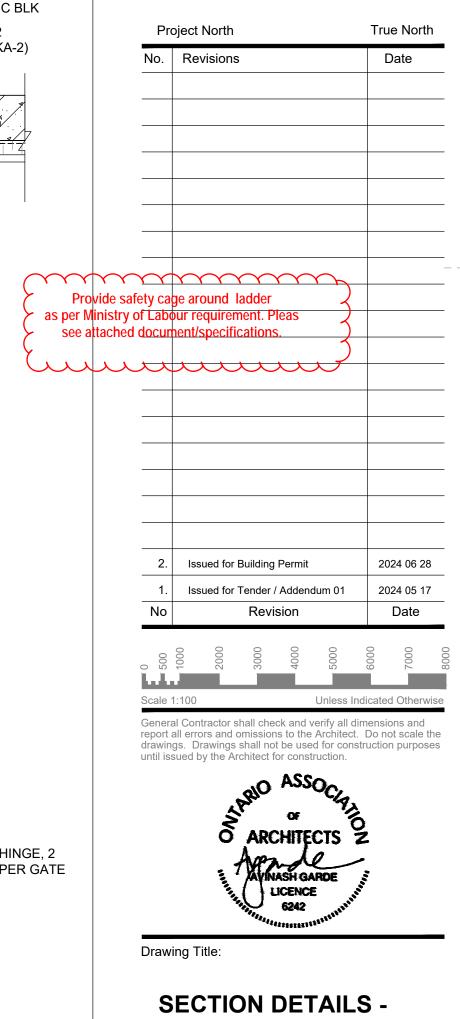












7 SECTION DETAIL - ROOF METAL CURB

-38X610X610mm CONC. PAVER

-50mm RIGID INS-RB-2

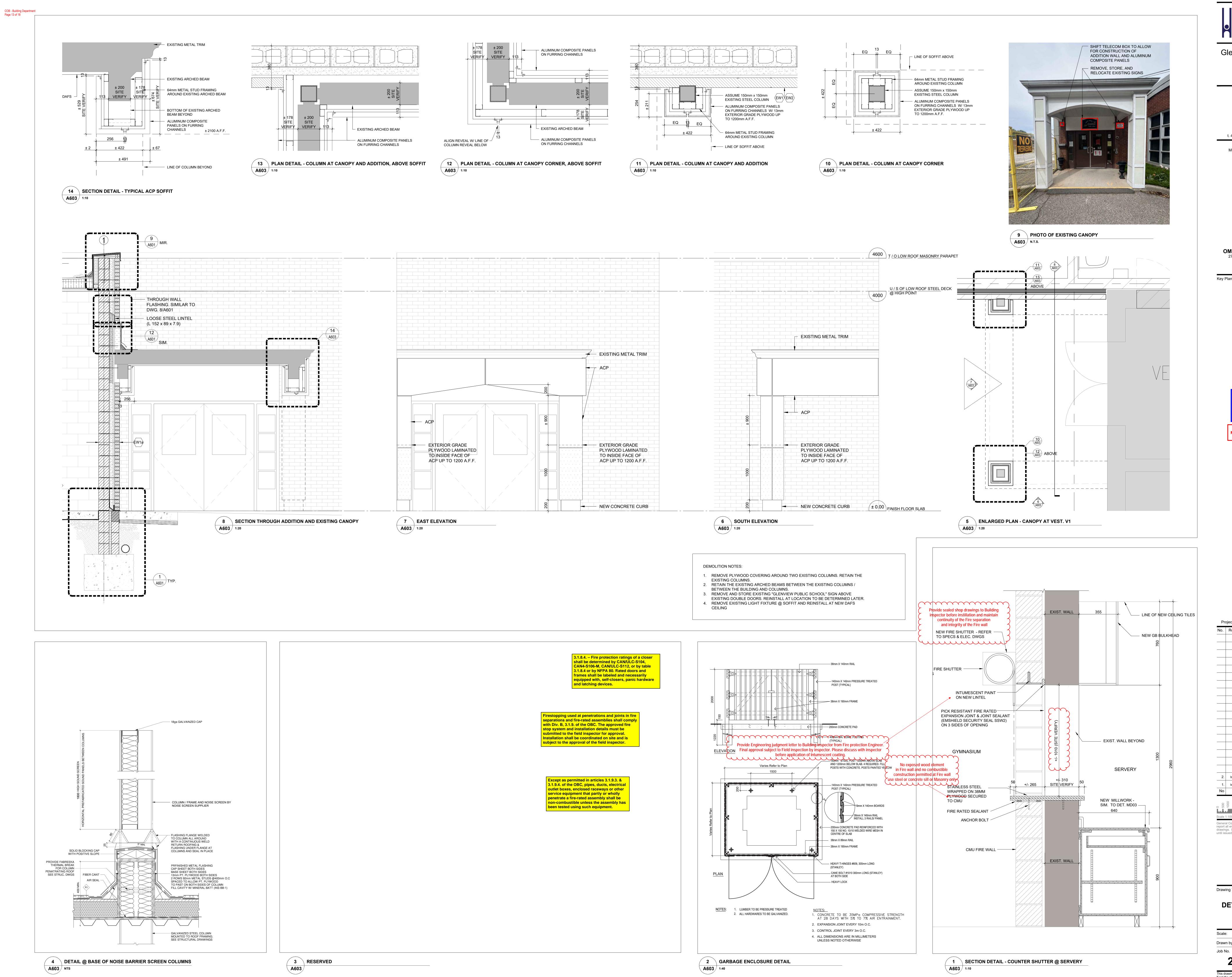
W/ SAWCUT @150mm O.C.

5 SECTION DETAIL - ROOF DRAIN

2 SECTION DETAIL - ROOF METAL CURB

1 SECTION DETAIL - ROOF ACCESS LADDER

Scale: AS NOTED Date: 2024 04 29



Halton
District
School 2050 Gu
Board Burlin

Glenview Public School

Gym Addition

143 Townsend Ave.,
Burlington, ON. L7T 1Z1

Architects

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Key Plan N.T.S.

RECEIVED

JUL 3 2024

CITY OF BURLINGTON BUILDING DEPARTMENT

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS

Project North

No. Revisions

Date

| Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date | Date |

DETAILS

Scale: AS NOTED Date: 2024 04 29

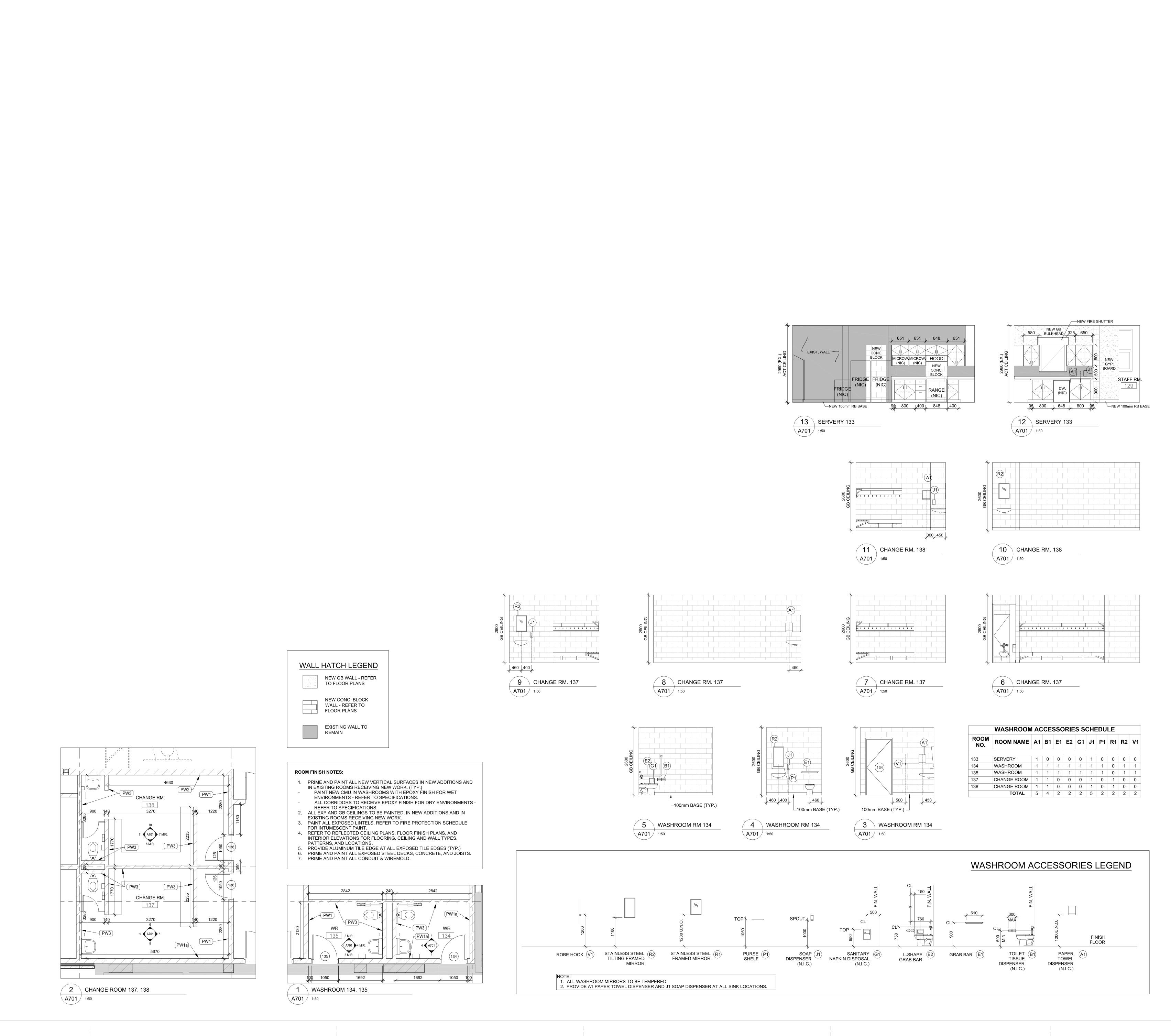
Drawn by: AP Checked by: AG

Job No. Drawing No.

2314

COB - Building Department
Page 13 of 18

This drawing is sized for 36"x48" sheet size.



COB - Building Department Page 14 of 18

District Burlington, ON.

Glenview Public School Gym Addition

> 143 Townsend Ave., Burlington, ON. L7T 1Z1 Architects

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Key Plan N.T.S.

ALL CONSTRUCTION TO MEET ONTARIO BUILDING CODE REQUIREMENTS RECEIVED

MAY 03 2024 CITY OF BURLINGTON BUILDING DEPARTMENT

1. Issued for Building Permit Date

General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

ENLARGED PLANS &
INTERIOR ELEVATIONS WRs, CHANGE RMs, SERV.

1:50 Date: 2024 04 19 Checked by: Drawn by: This drawing is sized for 36"x48" sheet size.
If not the above size, interpret the drawing accordingly.



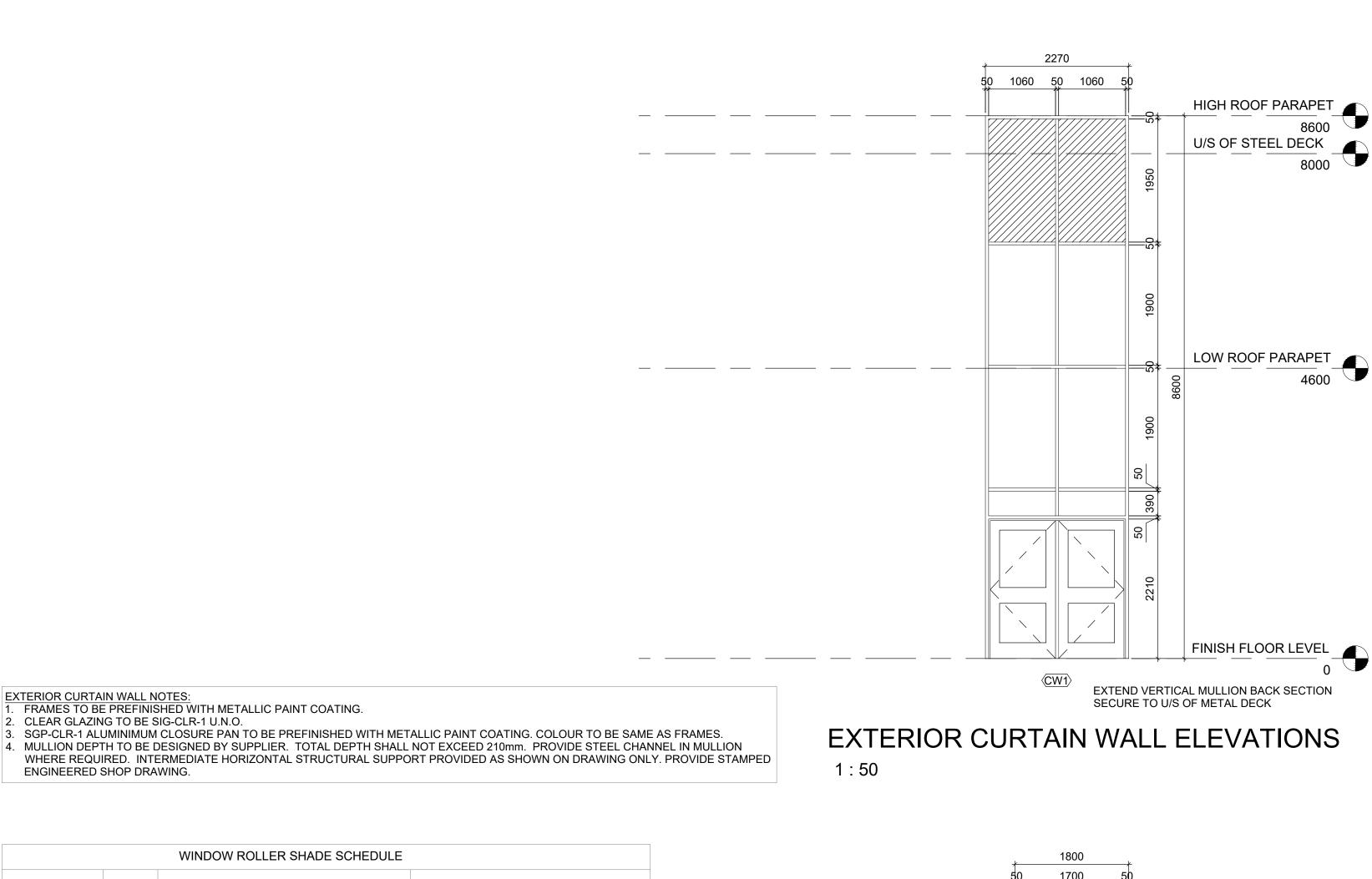
NEW LINTEL

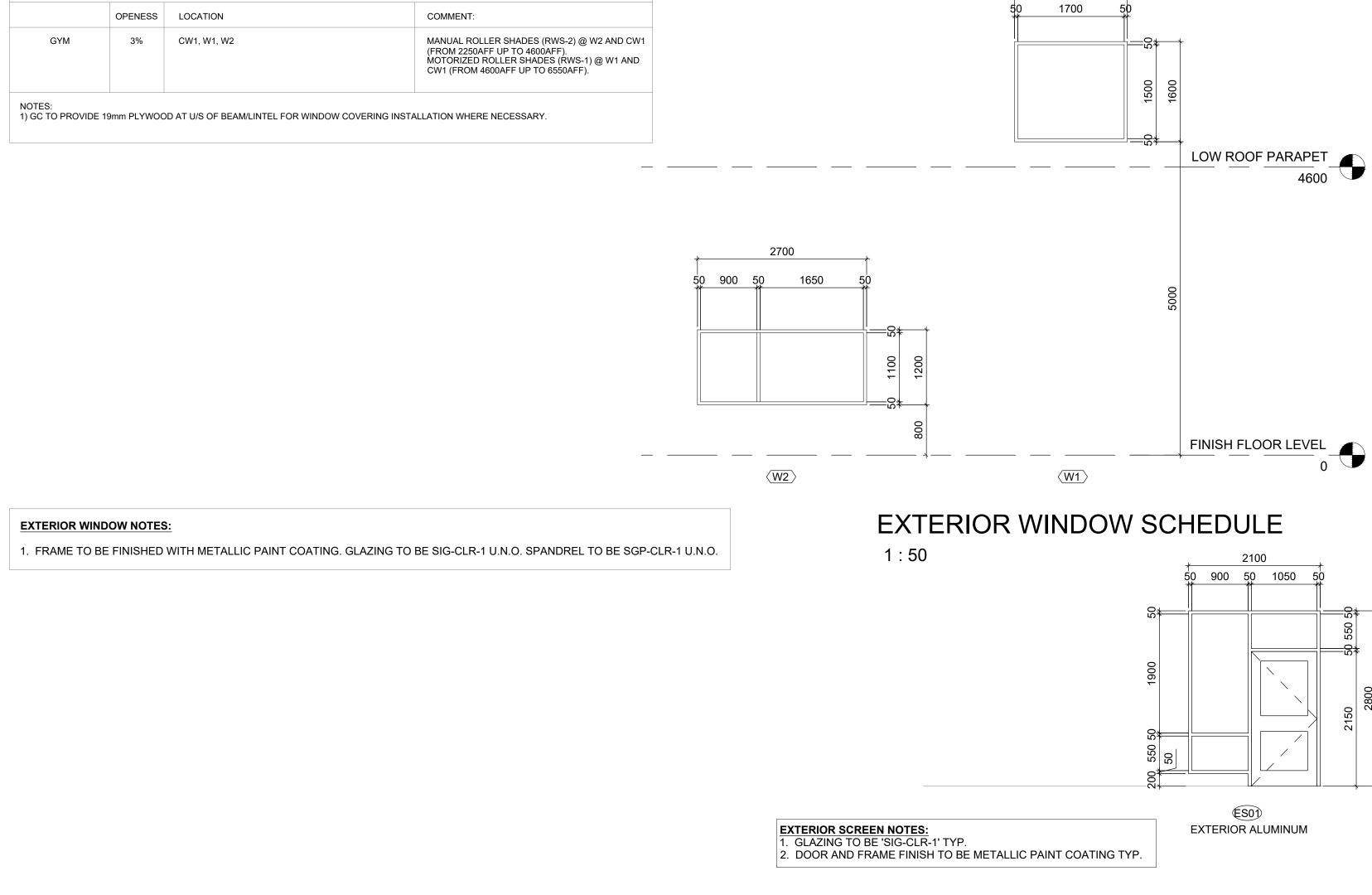
REFER TO

✓ INFILL SOLID CMU W/ BULLNOSE EDGE

A OPENING IN EXISTING WALL (TYP.)

STRUCTURAL





**HM DOOR FRAME TYPE NOTES:** 

1. REFER TO SCHEDULE FOR FIRE RESISTANCE RATING. 2. REFER TO SCHEDULE FOR THERMALLY BROKEN FRAME. **GLAZING HATCH LEGEND:** SPANDREL GLASS (SGP-CLR-1) W/ INT. ALUM. CLOSURE PAN **CLEAR GLAZING** Project North 5. Re-issued for Building Permit 2024 07 10 4. Re-issued for Building Permit 2024 06 28 2024 05 17 3. Issued for Addendum 01 2024 05 03 2. Issued for Tender Issued for Building Permit 2024 05 02 Date Revision General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes

Burlington, ON.

Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

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Tel: 905-681-7604

Flora Designs Inc. 1109 Britannia Rad East,

until issued by the Architect for construction.

**VARIES** 

EQ

F2a FIRE RATED

HOLLOW METAL DOOR FRAME TYPE

F1a FIRE RATED

EQ

EQ

F3a FIRE RATED

1:50

EQ

DOOR SCHEDULE & DETAILS, WINDOW & CW **ELEVATIONS** 

Scale: AS NOTED | Date: 2024 04 29 Checked by: Drawn by: Job No.

DOOR TYPES 1:50

WIDTH

**CS** (COUNTER SHUTTER) **DOOR NOTES:** 1). PROVIDE STAINLESS STEEL THRESHOLD COVER @ ALL EXTERIOR DOORS. 2). PROVIDE APPROPRIATE THRESHOLD AND TRANSITION STRIPS @ INTERIOR DOORS.
3). ALL THRESHOLDS AND TRANSITION STRIP TO MEET OBC BARRIER FREE REQUIREMENT. 4). COORDINATE DOOR UNDERCUT WITH MECHANICAL DRAWINGS. 5). STAIN WOOD DOOR EDGE TO MATCH PLAM COLOUR. 6). STAIN WOOD JAMB TO MATCH DOOR COLOUR. 8). PROVIDE TEMPERED GLASS (GL-3) IN INTERIOR DOORS & SCREENS UNO.

—A/V barrier over

—cont. sealant

w/ backer rod

both sides typ.

—thermal break

cont. alum. flange

A901

- 200mm SS ----

KICKPLATE

C1

ALUMINUM

ALUMINUM METALLIC PAINT COATING COUNTER SHUTTER POWDER COATED CARD READER HIGH PRESSURE DECORATIVE LAMINATE TEMPERED GLASS FIRE-RATED GLASS GALVANIZED STEEL PAINTED/STAINED SEALED INSULATING GLASS UNIT TYPE 1 HOLLOW METAL INSULATED HOLLOW METAL

Provide GB partition

above door to U/S of

there is no lintel @ door

slab or deck where

head. Refer to structural dwg. Fire Rating to match

−cont. sealant

w/ backer rod

both sides typ.

—concrete filled

HM FRAME @ CMU

DOOR LOCATION

Mark Room # Room Name Door Type

SERVERY

WASHROOM

WASHROOM

CORRIDOR

CHANGE RM. CHANGE RM. STOR. RM.

STOR. RM.

GYMNASIUM GYMNASIUM

139B 139B

LEGEND:

HIGH PRESSURE DECORATIVE LAMINATE - FLAME-RETARDANT

120 FIRE SHUTTER

90 DOOR CLOSER

90 DOOR CLOSER

90 DOOR CLOSER

PANIC, DOOR CLOSER

BUILDING DEPARTMENT

ALL CONSTRUCTION TO

MEET ONTARIO BUILDING

CODE REQUIREMENTS

3.8.3.3.(10) - Barrier Free Doorways

—1mm alum. closure finish to match CW,

No sealant

−cont. sealant

w/ backer rod

—curtain wall frame

c/w door adaptor &

weather stripping

EXT. CURTAIN WALL FRAME

3.1.8.4. – Fire protection ratings of a closer

CAN4-S106-M, CAN/ULC-S112, or by table 3.1.8.4 or by NFPA 80. Rated doors and

frames shall be labeled and necessarily

and latching devices.

HM PT HM PT

AL MPC SIG-CLR-1

AL MPC SIG-CLR-1 • •

HMI PT GL-6

F1 HM PT GL-3 ●

equipped with, self-closers, panic hardware

Frame Frame Glazing Opene CR Rating Type Mat'l Finish Type r /KP (min.)

shall be determined by CAN/ULC-S104,

@ MASONRY WALL

bullnose edge —cont. sealant

w/ backer rod

both sides typ.

─cont. A/V barrier

—spray cavity

w/ foam ins.

DOOR SCHEDULE

F<u>2</u>a

EXT. HMI FRAME

@ MASONRY WALL

No of Panel Panel Door Door

Leafs Width Ht Mat'l

both sides of frame

•300 mm beyond both sides of a sliding door.

Barrier free doorways, unless equipped with a power door operator, shall have a clear space beyond a latch side of not less than: •600 mm where the door swings towards the approach side,

•300 mm where the door swings away from the approach side, and

EXT. ALUM. SCREEN FRAME

DOOR JAMB DETAILS

PRINCIPAL ENTRANCE, BARRIER-FREE, PANIC, DOOR CLOSER Power door operator

Comments

60 REMOVABLE MULLION, PANIC, DOOR CLOSER

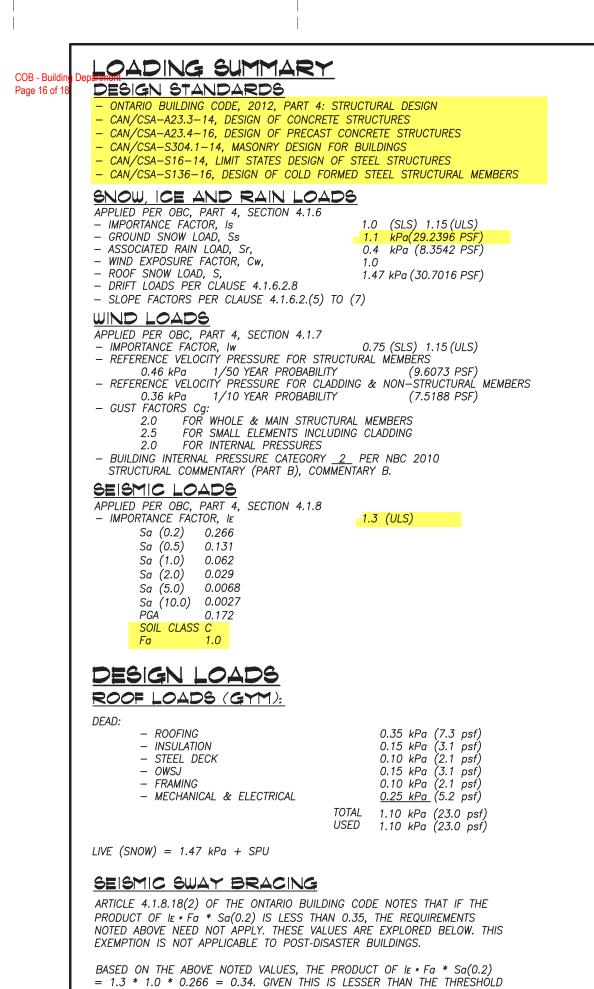
PANIC, DOOR CLOSER Power door operator

@ MASONRY WALL

7). DOOR CLOSER MUST BE PROVIDED AT ALL DOOR LOCATIONS WITHIN FIRE SEPARATION AND FIREWALL. 9). PROVIDE FIRELITE NT FIRE-RATED GLASS (GL-6) IN FIRE RATED DOORS TYP.

— 200mm SS ———

KICKPLATE



## STRUCTURAL DESIGN

1. SUBMIT FOR REVIEW BY THE CONSULTANT, DETAILED SHOP DRAWINGS FOR ALL STRUCTURAL WORK INCLUDING, BUT NOT LIMITED TO" CONCRETE FORMWORK, REINFORCING STEEL, STRUCTURAL STEEL, PRECAST CONCRETE, O.W.S.J., CONCRETE MIXES AND TEMPORARY SHORING. 2. THE SCALE OF THE DRAWINGS SHALL BE SUCH THAT THE DETAILS OF THE

OF 0.35, THE APPLICATION OF THE LATERAL FORCE (Vp) TO ALL ELEMENTS

REQUIREMENTS FOR LOAD RESTRICTIONS OUTLINED IN FIRE RESISTANCE RATINGS

-CAN/ULC-S101 CERTIFIED FOR CANADA AND THE ULJ957 HAVE BEEN ACCOUNTED FOR

AND COMPONENTS AND SWAY BRACING IS NOT REQUIRED.

1:50 (¼"=1'-0"). 3. THE STRUCTURAL DRAWINGS SHALL NOT BE REPRODUCED, IN WHOLE OR IN PART, FOR USE AS SHOP DRAWINGS.

STRUCTURAL WORK ARE CLEARLY SHOWN, AND IN NO CASE SMALLER THAN

4. EACH DRAWING SUBMITTED FOR CONCRETE FORMWORK, STRUCTURAL STEEL AND TEMPORARY SHORING SHALL BEAR THE SEAL AND SIGNATURE OF A

QUALIFIED PROFESSIONAL ENGINEER LICENSED IN THE PROVINCE OF

STRUCTURAL CONSULTANT TO REVIEW THE SHOP DRAWINGS.

#### GENERAL NOTES

CHECK ALL DIMENSIONS ON THESE DRAWINGS WITH ALL OTHER DRAWINGS, INCLUDING BUT NOT LIMITED TO DRAWINGS PREPARED ARCHITECTURAL, MECHANICAL OR ELECTRICAL CONSULTANTS. REPORT ANY INCONSISTENCIES TO THE ARCHITECT OR ENGINEER PRIOR TO COMMENCING WITH THE WORK. DO NOT SCALE THE DRAWINGS.

2. THE DESIGN LIVE LOADS ARE INDICATED ON THE DRAWINGS. CONSTRUCTION LOADS SHALL NOT EXCEED THE DESIGN LOADS. THE COMPLETED STRUCTURE IS SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY BRACING, SHORING AND ANY OTHER TEMPORARY OR PERMANENT MEASURES AS REQUIRED DURING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY SUPPORT OF EXISTING OR ADJACENT STRUCTURES AS REQUIRED. ALL BRACING AND SHORING IS THE

RESPONSIBILITY OF THE CONTRACTOR. 4. CONSTRUCTION FEATURES NOT FULLY SHOWN ARE COMPARABLE TO SIMILAR CONDITION DETAILS. REFER TO OTHER CONSULTANTS DRAWINGS FOR DETAILS OF OPENINGS. PITS.

CHAMFERS, DEPRESSIONS NOT INDICATED ON THE STRUCTURAL DRAWINGS. 6. ALL CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE LATEST ONTARIO BUILDING CODE, LATEST APPLICABLE REGULATIONS, AND GOOD CONSTRUCTION

THE STRUCTURAL DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS.

#### MASONRY NOTES

ALL STRUCTURAL ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD S304.1. ALL MASONRY CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD A371. ALL MASONRY CONNECTORS, REINFORCING AND TYING SHALL BE IN ACCORDANCE WITH CSA A370. ALL MORTAR AND GROUT SHALL BE IN ACCORDANCE WITH A179.

THE DRAWINGS, PRIOR TO THE COMMENCEMENT OF ANY WORK.

. ALL CONCRETE BLOCKS SHALL BE NORMAL WEIGHT TYPE H/15/A/M UNLESS OTHERWISE NOTED. MORTAR SHALL BE TYPE S FOR LOADBEARING AND TYPE N FOR NON-LOADBEARING. . VERTICAL CONTROL JOINTS SHALL BE PROVIDED AT A MAXIMUM SPACING OF

6000mm. REFER TO ARCHITECTURAL DRAWING FOR DETAILS AND LOCATIONS. 4. TRIM ALL OPENINGS WITH 2-15M BARS. 5. GROUT SHALL CONSIST OF ON ONE PART PORTLAND CEMENT, THREE PARTS SAND (MAXIMUM AGGREGATE SIZE SHALL BE 10mm) WITH WATER TO PROVIDE A 10. PROVIDE MINIMUM 175x10x175 BEARING PLATES FOR ALL STRUCTURAL

MINIMUM 10MPa COMPRESSIVE STRENGTH AT 28 DAYS. SLUMP SHALL BE 200mm TO 250mm. 6. ALL CELLS CONTAINING REINFORCING SHALL BE GROUTED SOLID. TWO BLOCK COURSES BELOW BEARING PLATES SHALL BE GROUTED SOLID.

THE MASONRY SHALL BE CONSTRUCTED EVENLY WITH MAXIMUM LIFTS OF 1200 PER DAY. DO NOT TOOTH AND BOND OR STACK BOND MASONRY. RAKE BACK ENDS OF UNFINISHED WALLS. 8. ALL MORTAR JOINTS SHALL BE TOOLED (CONCAVE). A MINIMUM BED JOINT OF 6mm IS REQUIRED FOR THE STARTING COURSE TO A MAXIMUM OF 20mm. THE

BED JOINTS SHALL BE 10mm. 9. PROVIDE VERTICAL AND HORIZONTAL REINFORCING AS FOLLOWS UNLESS NOTED OTHERWISE ON THE DRAWINGS. - 190 CONCRETE BLOCK - 15M VERTICAL AT 800 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY SECOND COURSE. - 240 CONCRETE BLOCK - 20M VERTICAL AT 600 O.C. & HEAVY DUTY TRUSS TYPE HORIZONTAL REINFORCING EVERY COURSE.

O. THE HORIZONTAL REINFORCING AT EXTERIOR WALLS SHALL BE GALVANIZED. DO NOT EXTEND HORIZONTAL REINFORCING THROUGH CONTROL JOINTS UNLESS OTHERWISE NOTED. 1. PROVIDE A STEEL LINTEL OVER ALL OPENINGS OR RECESSES INCLUDING

OPENINGS FOR MECHANICAL AND ELECTRICAL COMPONENTS. ALL EXTERIOR LINTELS TO BE HOT DIP GALVANIZED. 12. BUILD THE MASONRY SOLID AROUND ALL BEAM, LINTEL AND JOIST POCKETS. INSTALL BEARING PLATES AT THE SPECIFIED ELEVATION AND GROUT THE PLATE

INTO THE WALL A MINIMUM OF 400mm.

13. PROVIDE TEMPORARY BRACING AS REQUIRED TO SUPPORT THE MASONRY WALLS N CONSTRUCTION. PROTECT THE MASONRY WALLS FROM THE ELEMENTS AT ALL TIMES EXCEPT DURING CONSTRUCTION PROGRESS.

#### STRUCTURAL STEEL NOTES

CAN/CGSB 85.10.

1. ALL STRUCTURAL STEEL ELEMENTS, INCLUDING DESIGN OF ELEMENTS AND CONNECTIONS SHALL BE IN ACCORDANCE WITH CAN/CSA S16. 2. ALL STRUCTURAL STEEL SHALL CONFORM TO CSA G40.21 (300W) EXCEPI W SECTIONS AND PLATES G40.21 (350W), HSS MEMBERS G40.21 (350W) CLASS C OR ASTM A500 GRADE C, ANCHOR BOLTS ASTM A307, COLD FORMED SECTIONS ASTM A570M GRADE 350W. UNLESS OTHERWISE NOTED, ALL SECTIONS SHALL BE PRIME PAINTED WITH THE SURFACE

OPEN WEB STEEL JOISTS ARE TO BE DESIGNED BY A REGISTERED PROFESSIONAL ENGINEER TO CARRY THE LOADS AND SPANS INDICATED ON THE DRAWINGS. DETAILS AND DESIGN INCLUDING BRIDGING REQUIREMENTS ARE TO CONFORM TO CSA STANDARDS \$16-09. PROVIDE 100mm DEEP JOIST SHOES DESIGNED FOR A MAXIMUM BEARING PRESSURE OF 1100 kPa ON MASONRY WALLS.

PREPARATION AND PAINTING PROCEDURES IN ACCORDANCE WITH

4. ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH CAN/CSA W59. THE STEEL FABRICATOR SHALL BE FULLY QUALIFIED UNDER THE REQUIREMENTS BY THE CANADIAN WELDING BUREAU IN CONFORMANCE 5. DESIGN ALL MOMENT AND SHEAR CONNECTIONS FOR THE FULL CAPACITY OF THE SMALLER MEMBER IN THE CONNECTION UNLESS OTHERWISE

8. CLARIFY ANY QUERIES WITH THE ENGINEER REGARDING THE INTERPRETATION OF 6. PROVIDE MINIMUM BEARING LENGTH OF STEEL MEMBERS AS FOLLOWS: - ON MASONRY - 150mm

> – ON STEEL – 90mm 7. THE BASE PLATE AND BEARING PLATE GROUT SHALL BE OF THE CEMENTITIOUS NON-SHRINK TYPE. 8. DECK SHALL BE 38mm DEEP IN ACCORDANCE WITH CSA S136 AND SHALL BE FABRICATED FROM ASTM A653 SS GRADE 230 GALVANIZED STEEL WITH A ZF75 GALVANNEAL OR Z275 GALVANIZED ZINC COATING. THE MINIMUM NOMINAL STEEL CORE THICKNESS SHALL BE 0.76mm. STEEL DECK SHALL BE FASTENED TO THE SUPPORT STRUCTURE WITH 20mm SPOT WELDS AT NOT MORE THAN 300mm c/c (150mm AT

PERIMETER). CLINCH SIDELAPS AT 600mm c/c. ALL WELDS TO BE TOUCHED UP WITH PRIMER. MECHANICAL FASTENERS MAY ONLY BE USED WITH THE PERMISSION OF THE ENGINEER. 9. FULLY WELD THE BASE PLATE TO THE COLUMN TO DEVELOP THE ANCHOR BOLTS. PROVIDE CAP PLATES ON ALL COLUMNS. PROVIDE 6mm CAP PLATES ON ALL COLUMNS.

11. ALL BOLTS SHALL BE TIGHTENED WITH A SUITABLE TORQUE WRENCH IN ACCORDANCE WITH CSA S16. 12. ALL STEEL EXPOSED TO THE EXTERIOR TO BE HOT DIP GALVANIZED. 13. ERECT STRUCTURAL STEEL IN ACCORDANCE WITH CSA S16 AND IN CONFORMANCE WITH THE APPROVED SHOP DRAWINGS.

STEEL c/w 2-150 ANCHORS UNLESS OTHERWISE NOTED.

#### CONCRETE NOTES

1. ALL STRUCTURAL CONCRETE ELEMENTS HAVE BEEN DESIGNED IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.3. ALL CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH CSA STANDARD CAN/CSA A23.1. 2. MINIMUM CONCRETE STRENGTH AT 28 DAYS SHALL BE:

25 MPa TYPE N FOUNDATION WALLS 25 MPa TYPE F2 SLAB ON GRADE 25 MPa TYPE N

SLUMP SHALL BE 75mm± 25mm. AGGREGATE SHALL BE 20mm MAXIMUM. AIR ENTRAINED TO BE 6%  $\pm$  1% WHEN EXPOSED TO EXTERIOR. CONTRACTOR TO SUBMIT CONCRETE MIX DESIGN FOR REVIEW.

3. THE DEFORMED REINFORCING STEEL SHALL CONFORM TO CSA STANDARD G30.18M GRADE 300R FOR STIRRUPS AND TIES AND GRADE 400R FOR ALL OTHER REINFORCING. UNLESS OTHERWISE NOTED THE REINFORCING LAP LENGTH SHALL BE 'CLASS B' IN SPLICES. ALL REINFORCING HOOKS AND BENDS SHALL BE IN ACCORDANCE WITH A23.1. 4. WELDED WIRE FABRIC SHALL BE IN ACCORDANCE WITH CSA G30.5. ALL MESH SHALL BE CHAIRED PRIOR TO THE CONCRETE POUR. LIFTING OF THE MESH DURING THE CONCRETE POUR WILL NOT PERMITTED. ALL SPLICES SHALL BE A MINIMUM OF TWO CROSS WIRE SPACINGS PLUS 50mm. 5. THE REINFORCING COVER FOR CONCRETE SHALL BE:

- 75mm FOR CONCRETE AGAINST EARTH - 40mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 15M OR SMALLER - 50mm FOR FORMED CONCRETE EXPOSED TO EARTH OR WEATHER WHERE THE REINFORCING BAR IS 20M OR LARGER - 25mm FOR INTERIOR CONCRETE. ALL CHAIRS, BOLSTERS, SPACERS AND BAR SUPPORTS SHALL BE IN ACCORDANCE WITH A23.1.

. FOOTINGS SHALL BEAR ON EXISTING FILL WITH A MINIMUM BEARING RESISTANCE OF: SEE ATTACHED GEO REPORT – 150 kPa (SLS) 225 kPa (ULS) THE CONTRACTOR SHALL VERIFY THE CAPACITY PRIOR TO PLACEMENT OF CONCRETE. REFER TO GEOTECHNICAL REPORT PREPARED BY PETO MACCALLUM

LTD. PROJECT No: 23HF019 DATED NOVEMBER 16, 2023. 7. THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATION OR STEP DOWN FOOTINGS SHALL NOT EXCEED A RISE OF 7 IN A RUN OF 10. STEP HEIGHT SHALL NOT EXCEED 600mm. 8. KEEP EXCAVATIONS DRY BEFORE CONCRETE IS PLACED. REMOVE ALL LOOSE MATERIAL, SOFT SOIL OR WATER PRIOR TO PLACING CONCRETE. PROVIDE A

9. ALL FOOTINGS SHALL BE CENTRED ON THE WALL UNLESS OTHERWISE NOTED. 10. THE FOOTING DESIGN IS BASED ON INFORMATION AVAILABLE AT THE TIME OF DESIGN. THE FOOTING DESIGN MAY BE ALTERED DURING CONSTRUCTION. IF THE SITE CONDITIONS WARRANT, BUT ONLY WITH THE EXPRESS PERMISSION OF THE 11. PROTECT ALL FOOTINGS, WALLS AND SLABS AGAINST FROST ACTION DURING

CONSTRUCTION. ALL EXTERIOR FOOTINGS SHALL FOUNDED BELOW THE FROST

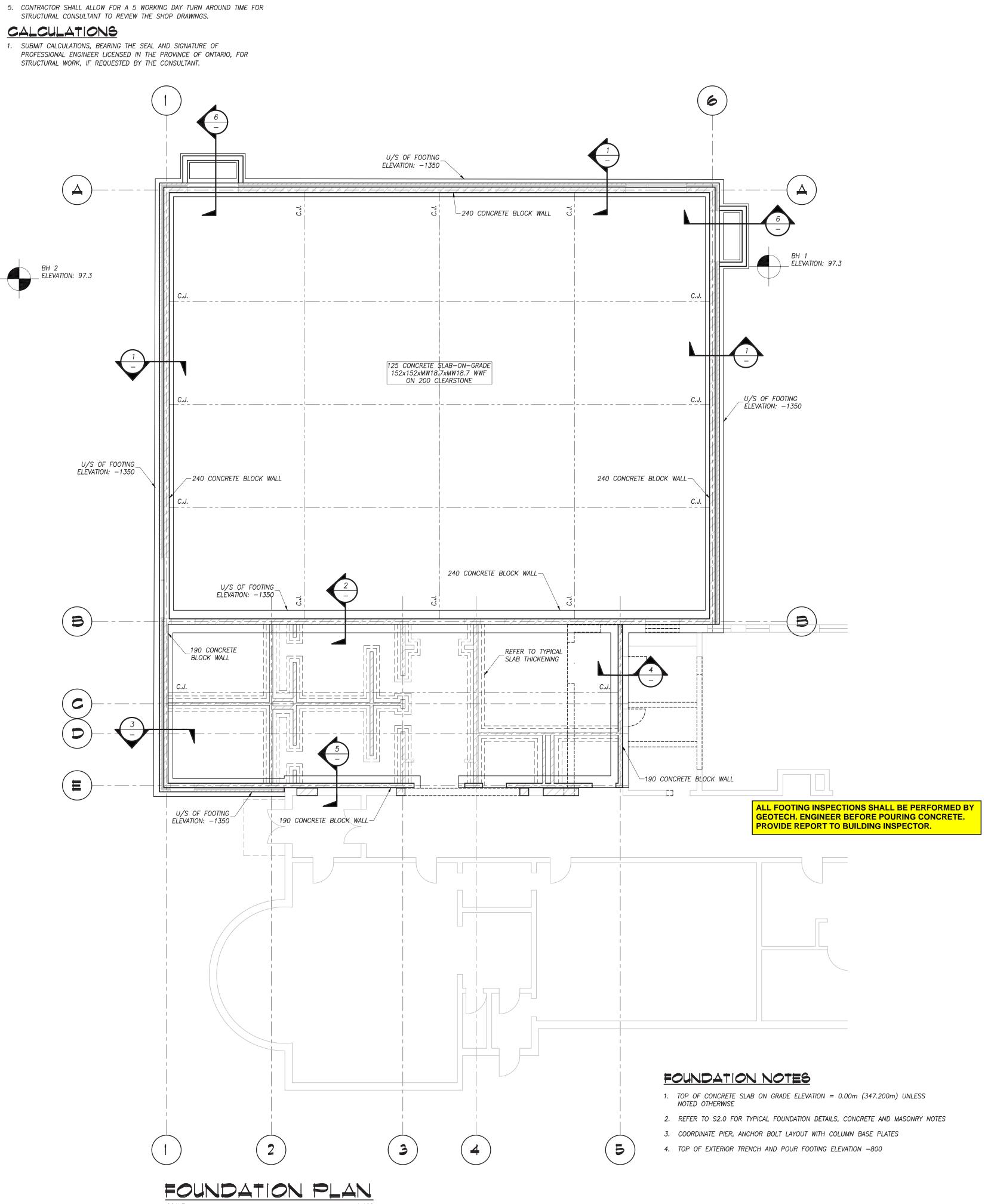
75mm MUD SLAB FOR ALL FOOTINGS BELOW THE WATER TABLE.

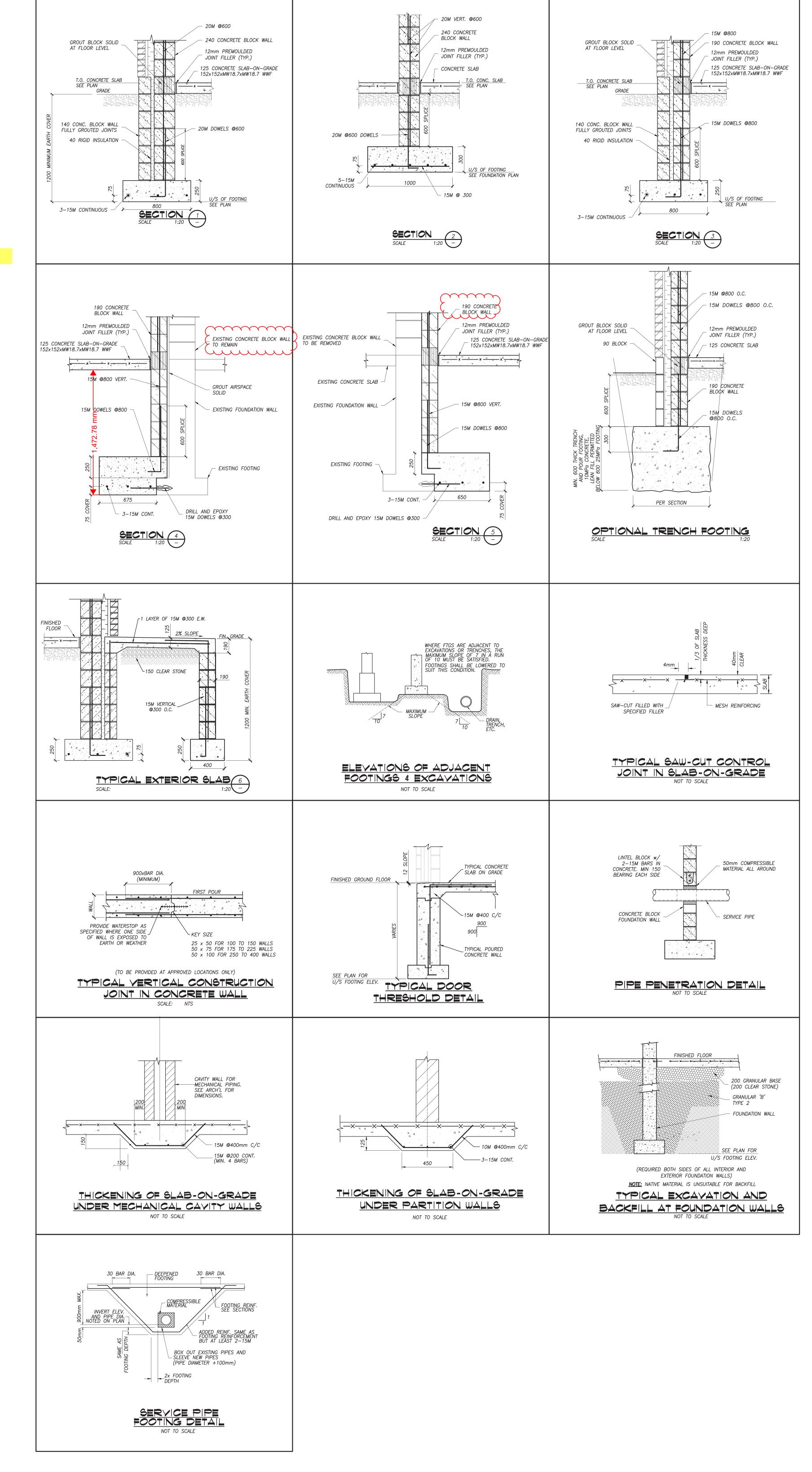
LINE, MINIMUM 1200mm BELOW GRADE. 12. DO NOT BACKFILL AGAINST WALLS RETAINING EARTH UNTIL THE ELEMENTS PROVIDING LATERAL SUPPORT ARE COMPLETE. PLACE BACKFILL IN A MANNER WHERE THE ELEVATION DIFFERENCE ON EITHER SIDE OF THE WALL IS NO GREATER THAN 450mm. PROVIDE TEMPORARY SHORING AS REQUIRED. 13. SLAB-ON-GRADE GRADE CONSTRUCTION SHALL BE CAPABLE OF SUPPORTING

14. CONSTRUCT CONCRETE WALLS WITHOUT CONTROL JOINTS, UNLESS OTHERWISE NOTED. PROVIDE CHASES AND BEAMS POCKETS IN THE INTERIOR FACE OF THE WALL AS REQUIRED. 15. PROVIDE DOWELS TO WALLS AND COLUMNS TO SUIT THE REINFORCING IN THE

WALL OR COLUMN ABOVE. 16. ALL ADHESIVE ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE HILTI HIT-HY200 (OR APPROVED EQUAL) PROCEDURES.

25kN/m² WITHOUT RELATIVE SETTLEMENT.







2050 Guelph Line, Burlington, ON.

Glenview Public School Gym Addition

143 Townsend Ave.,

Burlington, ON. L7T 1Z1

Architects Snyder Architects Inc. 100 Broadview Ave, Suite 301, Toronto, ON M4M 3H3

Mechanical and Electrical Consultants DEI & Associates Inc. 55 Northland Rd. Waterloo, Ontario, N2V 1Y8 Tel: 519-725-3555

t. 416.966.5444, w. snyderarchitects.ca

Structural Consultant Kalos Engineering Inc. 300 York Boulevard Hamilton, ON L8R 3K6 Tel: 905-333-9119

Flora Designs Inc 1109 Britannia Rad East, Mississauga, ON L4W 3X1 Tel: 647-496-8055

Civil Consultant

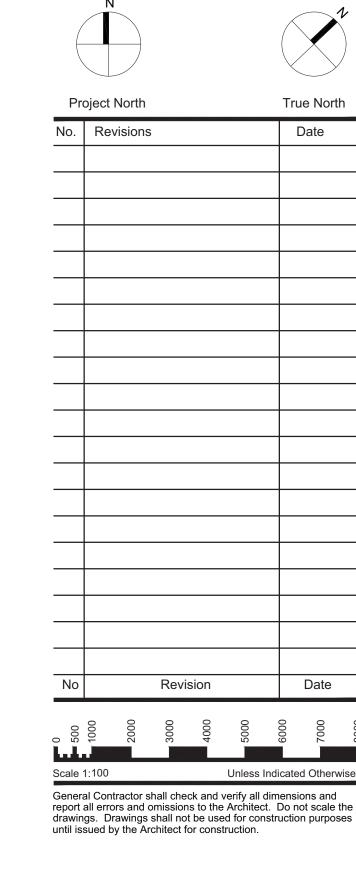
Landscape Consultant **OMC Landscape Architecture** 270 Sherman Ave. N., Suite 315-MILL Hamilton, ON L8L 6N4 Tel: 905-681-7604



Key Plan N.T.S.

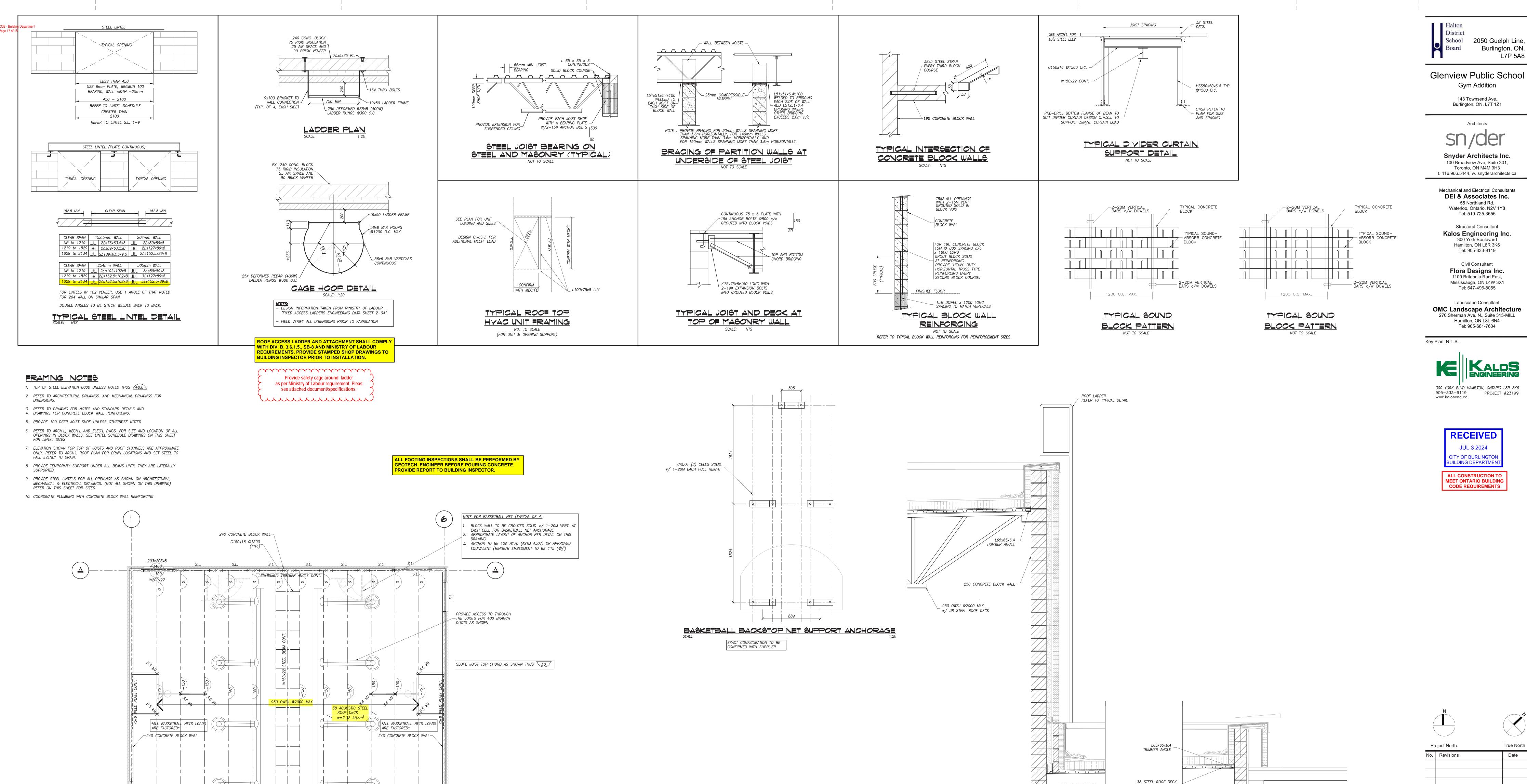






**FOUNDATION** 

Scale: AS NOTED Date: 2024 04 19 Drawn by: QN



\_\_190 CONCRETE BLOCK WALL

OPENING TO BE INFILLED

BLOCK WALL

OPENING TO BE INFILLED

EX. CONC. BLOCK WALL

OPENING TO BE INFILLED

ROOF FRAMING PLAN

<u>SNOW PILE</u> <u>UP DIAGRAM</u>

\_ \_ \_

Project North Issued for Building Permit 2024 06 27 Issued for Building Permit | 2024 06 18 General Contractor shall check and verify all dimensions and drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction. **ROOF FRAMING PLAN** Scale: AS NOTED

W310x39 STEEL BEAM

SECTION 1 SCALE 1:20 -

TO SUPPORT BRICK

38 STEEL ROOF DECK w/ W310x39 STEEL BEAM

w/ W310x39 STEEL BEAM

190 CONCRETE\_ BLOCK WALL

NEW CORRIDOR

REFER TO SECTION FOR DETAILS

W200x36\_ + 180x8 PLATE

EX. CONCRETE BLOCK WALL

EXISTING CORRIDOR

\_EX. FOUNDATION WALL
AND FOOTING

2050 Guelph Line,

Gym Addition

143 Townsend Ave.,

Architects

Toronto, ON M4M 3H3

55 Northland Rd.

Tel: 519-725-3555

Structural Consultant

Hamilton, ON L8R 3K6 Tel: 905-333-9119

Civil Consultant

Mississauga, ON L4W 3X1

Tel: 647-496-8055

Landscape Consultant

Hamilton, ON L8L 6N4

Tel: 905-681-7604

JUL 3 2024

CITY OF BURLINGTON

BUILDING DEPARTMEN

PROJECT #23199

Burlington, ON. L7T 1Z1

Burlington, ON.

L7P 5A8

Drawn by: QN

EX. 190 LIĞHT CÖNCRETE BLOCK WALL TYPICAL AT NEW ADDITION DEMOLITION NOTES 1. CONTRACTOR TO EXAMINE THE BUILDING AND DEVELOP A DEMOLITION PLAN. THIS PLAN IS TO BE SUBMITTED FOR REVIEW. THE PLAN SHALL ADDRESS MATERIAL HANDLING AND DISPOSAL, SEQUENCING, DEMOLITION METHOD AND <del>+----</del> ------2. INFORMATION ON THESE DRAWINGS IS APPROXIMATE ONLY. THE CONTRACTOR SHALL VISIT THE SITE AND CONFIRM ALL CONDITIONS. EX. DOOR OPENING OPENING TO INFILLED FULL HEIGHT TO MATCH EXISTING . DISCONNECT ALL SERVICES FOR THE AREA SLATED FOR DEMOLITION, INCLUDING EX. NON-LOAD BEARING BUT NOT LIMITED TO HYDRO, WATER, GAS AND SANITARY. 190 CONCRETE BLOCK WALL 4. PROTECT ADJACENT PROPERTIES AND PORTION OF BUILDING TO REMAIN FROM CONCRETE BLOCK WALL TO REMAIN. CONTRACTOR TO ALL DAMAGE. MAKE GOOD ANY DAMAGED AREAS. EX. NON-LOAD BEARING 38 STEEL ROOF DEC CONFIRM NO POSITIVE 5. ERECT BARRICADES AND FENCES TO PROTECT THE PUBLIC AND NEIGHBOURING 190 CONCRETE BLOCK WALL TO BE REMOVED.

CONTRACTOR TO CONFIRM

NO POSITIVE BEARING.  $w=2.32 \text{ kN/m}^2+\text{SP}U$ EX. CONCRETE BLOCK WALL TO BE PROPERTIES/BUILDINGS. 6. ENSURE THAT THE ENTRANCES TO THE REMAINING SCHOOL ARE SECURE AND WEATHERTIGHT AT THE END OF EACH DAY AND AT THE COMPLETION OF THE REMOVED FULL HEIGHT. PROVIDE TEMPORARY SHORING TO EXTERIOR WALL FRIOR TO REMOVAL.— EX. 89×405 RDOF JOISTS TO BE X. DOOR OPENING OPENING 7. PROVIDE FLAGPERSON FOR ALL TRUCK AND EQUIPMENT TRAFFIC ON OR NEAR TO INFILLED FULL HEIGHT TO REMOVED AS REQUIRED AT EX. THE ROAD AND PUBLIC DRIVES. MATCH EXISTING CONCRETE CORRIDOR. <u>FIREWALL DESIGN</u> FIREWALL HAS BEEN DESIGNED WITH MININIMUM FACTORED LATERAL LOADS OF 0.5 kPA IN ACCORDANCE WITH 4.1.5.17. (1)(2) PART 4, DIVISION B OF THE NBC 2010 LIMIT OF SNOW PILE UP LIMIT OF SNOW PILE UP -----BOND BEAM AT TOP PROVIDE 190 (2 BLOCK COURSE) CONC. BLOCK B<mark>OND BEAM AT TO</mark>P 140 CONCRETE BLOCK WALL - 190 CONCRETE BLOCK WALL BOND BEAM AT TOP \ CONTROL JOINT (2 BLOCK COURSE) — 15M DOWELS @800 — 15M DOWELS @800 EX. DOOR OPENING OPENING TO INFILLED FULL
HEIGHT TO MATCH EXISTING EX. NON-LOAD BEARING 12mm PREMOULDED 12mm PREMOULDED CONCRETE BLOCK WALL 190 CONCRETE BLOCK WALL JOINT FILLER (TYP.) JOINT FILLER (TYP.) TO BE REMOVED.
CONTRACTOR TO CONFIRM 125 CONCRETE SLAB-ON-GRADE 125 CONCRETE SLAB-ON-GRADE NO POSITIVE BEARING. 152x152xMW18.7xMW18.7 WWF 152x152xMW18.7xMW18.7 WWF W200-76 PROVIDE 190 EX. LOAD—BEARING
190 CONC. BLOCK WALL— CONC. BLOCK BOND BEAM AT TOP TYPICAL AT NEW ADDITION EX. LOAD—BEARING 190 CONCRETE BLOCK WALL TO BE REMOVED. PROVIDE TEMPORARY (2 BLOCK COURSE) PROVIDE 190 CONCRETE BOND (2 CPURSES TOP)-ALONG THIS SIDE OF WALL OPENING TO BE INFILLED FULL HEIGHT TO MATCH OPENING TO BE INFILLED\_ THICKENED LAB 6 (NOT SHOWN) REFER TO FIREWALL BREAK-AWAY DETAIL EXTENT OF EX. 89x405 DOUGLAS FIR SHORING PRIOR TO REMOVAL. FULL HEIGHT TO MATCH \_ (NOT SHOWN) ROOF JOISTS @1220 O.C. 2-15M CONTINUOUS -2-15M CONTINUOUS -EXISTING ADJACENT WALL EXISTING ADJACENT WALL EX. CONC. BLOCK WALL /w T&G WOOD ROOF DECK OPENING TO BE INFILLED
FULL HEIGHT TO MATCH
EXISTING ADJACENT WALL TO BE REMOVED AS REQUIRED FOR NEW ADDITION AND FRAMING. PROVIDE SHORING AS REQUIRED. Maintain integrity of the fire wall during the fire conditions as per Div.B, 3.1.10.1 OBC 2012 and see attached letter from Engineer. EX. LOAD—BEARING
CONCRETE BLOCK WALL minimum PROVIDE DOUBLE BOND BEAM w/ 2-15M BARS IN CONCRETE \_ 38 STEEL ROOF DECK TOP OF STEEL BEAM W310x39 STEEL BEAM 101 PROVIDE 2-19¢ THRU BOLTS (WASHER TO COLLAPSE IN CASE OF FIRE) PROVIDE 2-19Ø HILTI HAS-E THREADED ROD c/w HIT-HY 270 ADHESIVE ANCHORS SYSTEM MIN. 170 EMBEDMENT AT EACH CONNECTOR INTO CONCRETE BLOCK WALL PROVIDE SUPPORT ANGLE AT EACH STEEL BEAM REFER TO FIRE CONNECTION DETAIL BY FERO — 15M @800 See attached letter from Engineer and specifications — 190 LIGHTWEIGHT CONCRETE BLOCK WALL It is the Owner responsibility to maintain Ferro connector in good working conditions without any defects (e,g crack etc) and regularly inspect any potential defects. BREAK-AWAY FIREWALL CONNECTION 🌱 /- MIN. 13 THICK PLATE 45 45 45 45 DUAL LOAD—BEARING — BREAK AWAY FIRE RELEASE TOP VIEW FRONT VIEW CONNECTOR BY FERO FIREWALL CONNECTION DETAIL DESIGN REQUIREMENTS FOR STRUCTURAL MATERIALS SHALL COMPLY WITH Div. B, 4.3. OBC 2012 - CSA-086-14 "Engineering Design in Wood" - CAN/CSA A371-14 "Masonry Construction for Buildings" - CSA S304 - 14 "Design of Masonry Structures" CAN/CSA-A23.3-14 "Design of Concrete Structures" ENLARGED ROOF FRAMING PLAN - CSA A23.1-14 "Concrete Materials & Methods of Concrete Construction" - CSA S413-14 "Parking Structures" CAN/CSA-S136-16 "Cold Formed Steel Structural Members" CAN/CSA-Z91-02 "Health and Safety Code for Suspended **Equipment Operations**" CSA S367-12 "Air-, Cable-, and Frame-Membrane Supported Structures" - CSA-S16-14 "Limit States Design of Steel Structures" - CAN/CSA-S157-05/ S157.1-05 "Strength Design in Aluminum / Commentary on CSA S157-05, Strength Design in Aluminum" CGSB CAN/CGSB-12.20-M89 "Structural Design of Glass for Buildings" RECEIVED JUL 10 2024 CITY OF BURLINGTON **ALL CONSTRUCTION TO** \_\_190 CONCRETE BLOCK WALL **MEET ONTARIO BUILDIN** REFER TO TYPICAL
SLAB THICKENING CODE REQUIREMENTS Please see attached compliance letter from Engineer or Architect as Part of Design and Review Document. <u>-</u> NEW 190 LIGHTWEIGHT CONCRETE BLOCK WALL TYPICAL AT NEW ADDITION ALL FOOTING INSPECTIONS SHALL BE PERFORMED BY PROVIDE 190 CONCRETE BOND (2 COURSES TOP) $-\!\!\!\!/$ U/S OF FOOTING\_/ ELEVATION: -1350 GEOTECH. ENGINEER BEFORE POURING CONCRETE. ALONG THÌS SIDE OF WALL REFER TO FIREWALL BREAK—AWAY DETAIL PROVIDE REPORT TO BUILDING INSPECTOR. www.... ENLARGED FOUNDAITON PLAN

COB - Building Department Page 18 of 18

Halton
District
School 2050 Guelph Line,
Board Burlington, ON.
L7P 5A8

Glenview Public School

Gym Addition

143 Townsend Ave., Burlington, ON. L7T 1Z1

Architects

Sn/der

Snyder Architects Inc.
100 Broadview Ave, Suite 301,
Toronto, ON M4M 3H3
t. 416.966.5444, w. snyderarchitects.ca

Mechanical and Electrical Consultants **DEI & Associates Inc.**55 Northland Rd.

Waterloo, Ontario, N2V 1Y8

Tel: 519-725-3555

Structural Consultant **Kalos Engineering Inc.**300 York Boulevard
Hamilton, ON L8R 3K6
Tel: 905-333-9119

Civil Consultant

Flora Designs Inc.
1109 Britannia Rad East,
Mississauga, ON L4W 3X1
Tel: 647-496-8055

Landscape Consultant

OMC Landscape Architecture
270 Sherman Ave. N., Suite 315-MILL
Hamilton, ON L8L 6N4

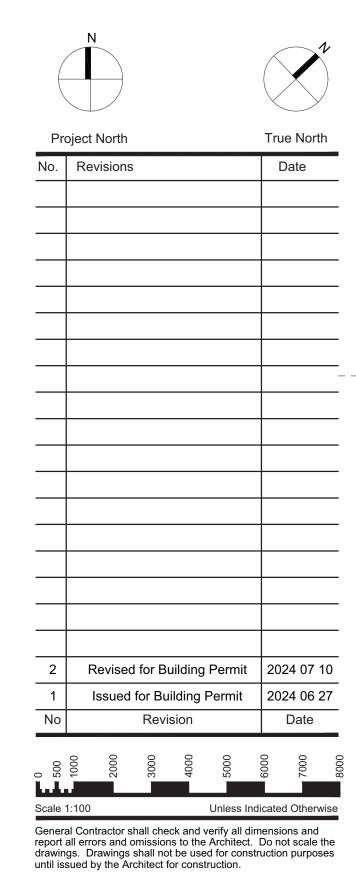
Tel: 905-681-7604

Key Plan N.T.S.

www.kaloseng.ca







Drawing Title:

ENLARGED ROOF FRAMING DEMOLITION PLAN

Scale:	AS NOTED	Date:	2024	06 18
Drawn by	: QN	Checke	d by:	JPC
Job No.		Drawing	No.	
2	3199 <sub>cc</sub>	B - Building [		
		Pad	ne 18 of 1	8