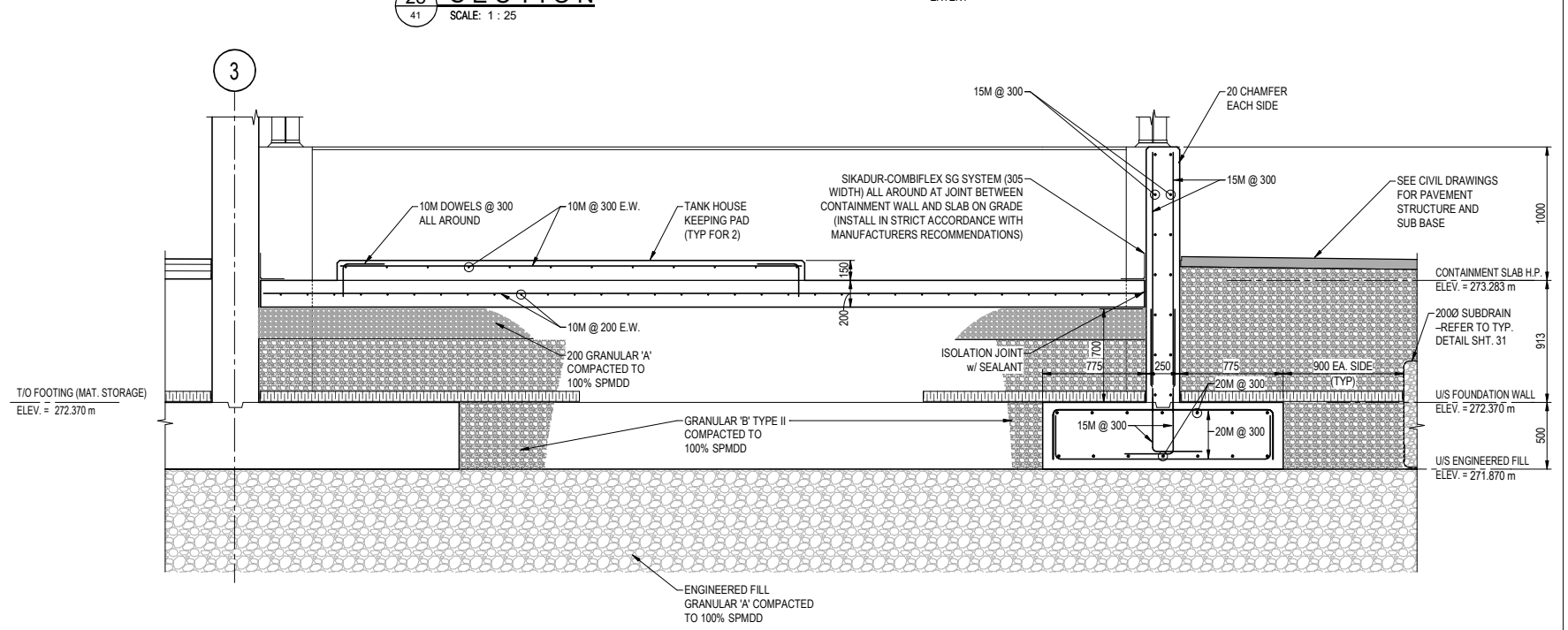
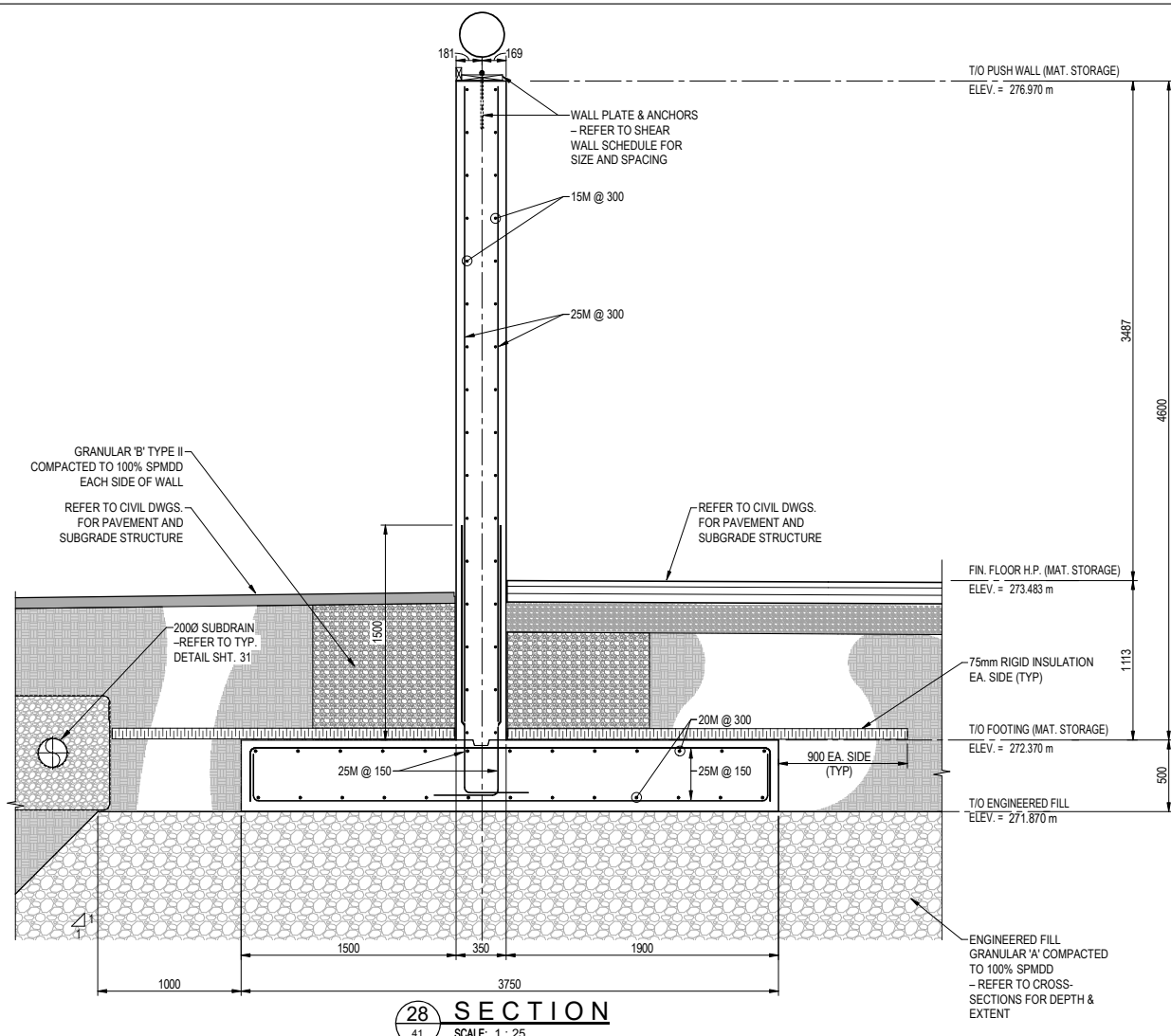


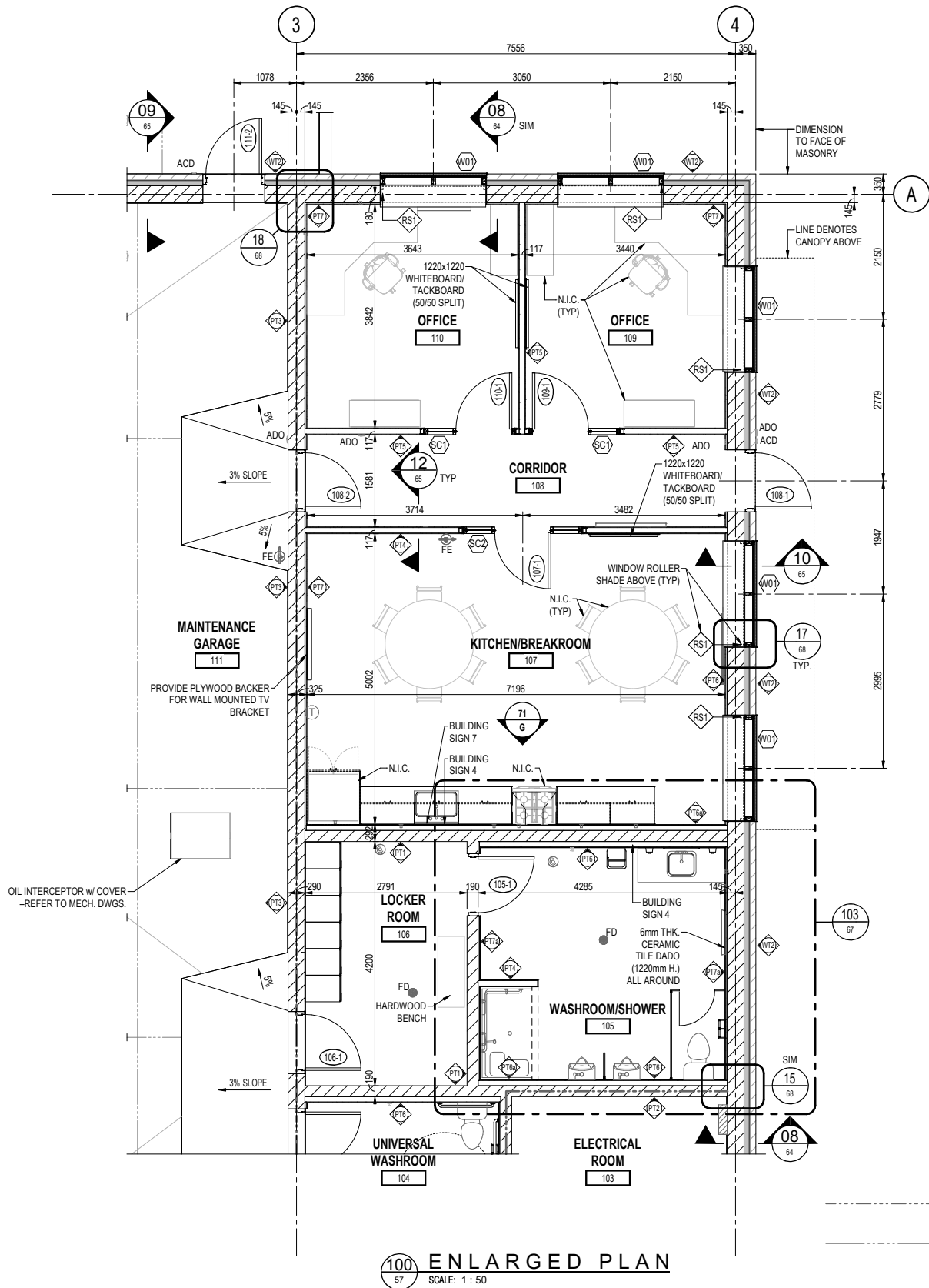
CONTRACT DRAWINGS
CONTRACT NO. 2023-4010
ADDENDUM NO. 2



REVISIONS				
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		24.10.21	BWD	ISSUED FOR TENDER
	REV	DATE	BY	DESCRIPTION

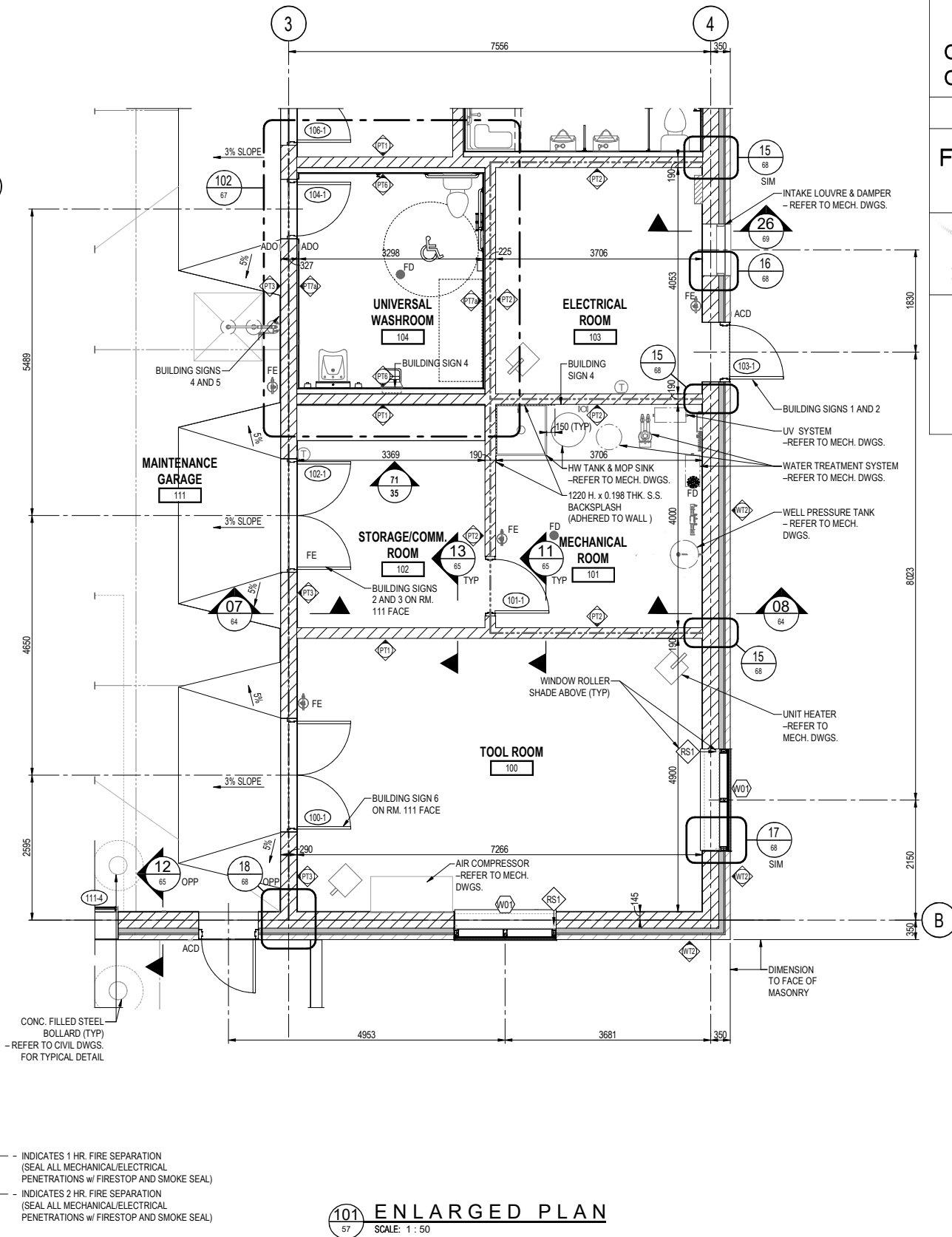
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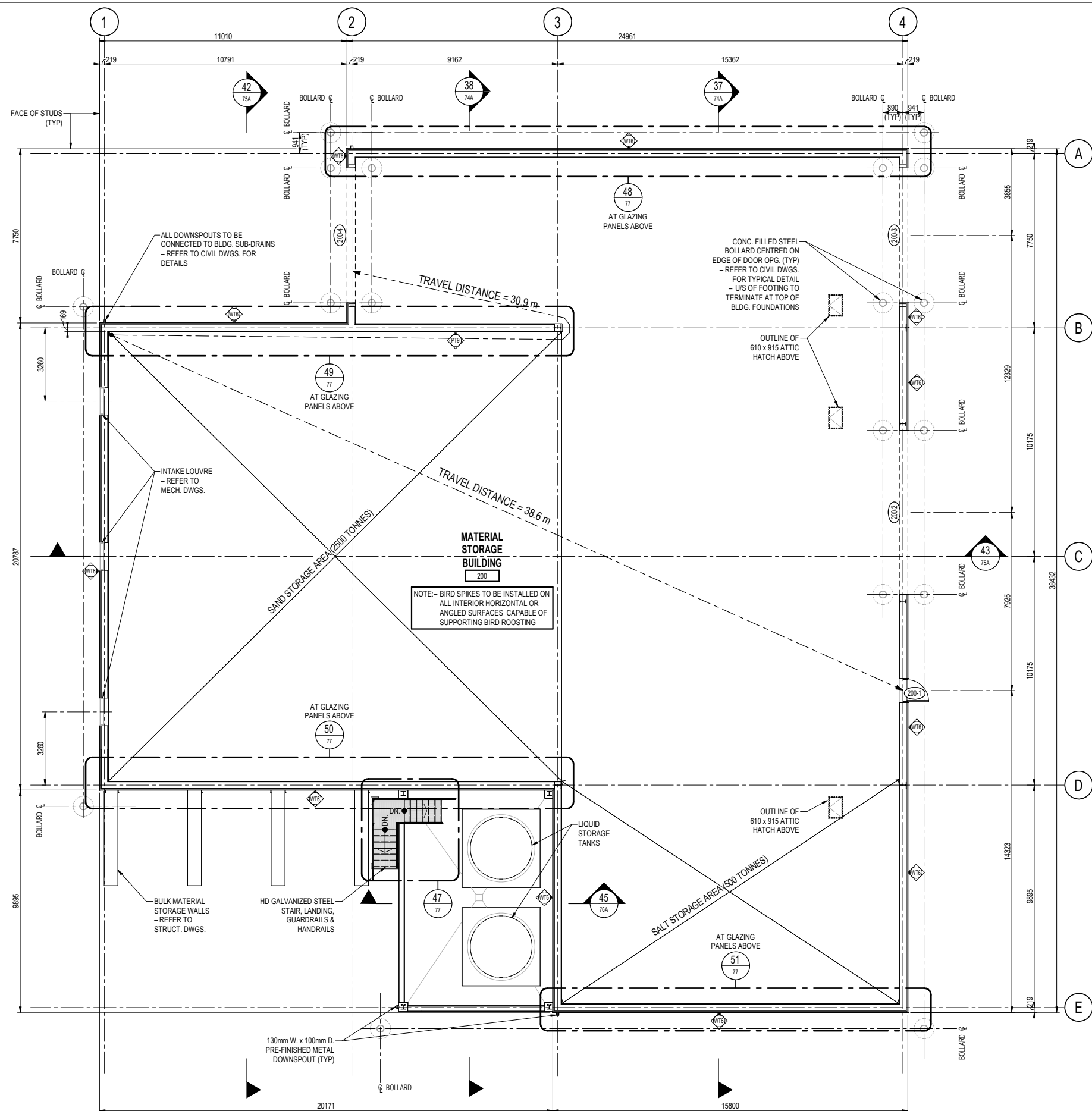


INDICATES 1 HR. FIRE SEPARATION
(SEAL ALL MECHANICAL/ELECTRICAL
PENETRATIONS w/ FIRESTOP AND SMOKE SEAL)

INDICATES 2 HR. FIRE SEPARATION
(SEAL ALL MECHANICAL/ELECTRICAL
PENETRATIONS w/ FIRESTOP AND SMOKE SEAL)



DATE PLOTTED: 2024-03-11 14:55 PM
FILE LOCATION: C:\Users\BMD\Documents\22583-01-ARCH-CON-22mg.dwg



FLOOR PLAN
SCALE: NOT TO SCALE

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

CONT No 2023-4010
GWP No 4044-22-00

ARCHITECTURAL

FENELON FALLS MPY
MATERIAL STORAGE BUILDING - GROUND
FLOOR PLAN

DILLON
Building Design Ltd.
Engineers and Architects
130 Dufferin Avenue, London, Ontario, N6A 5R2
Phone: (519) 438-6192, Fax: (519) 672-8209
E-mail: london@dillon.ca

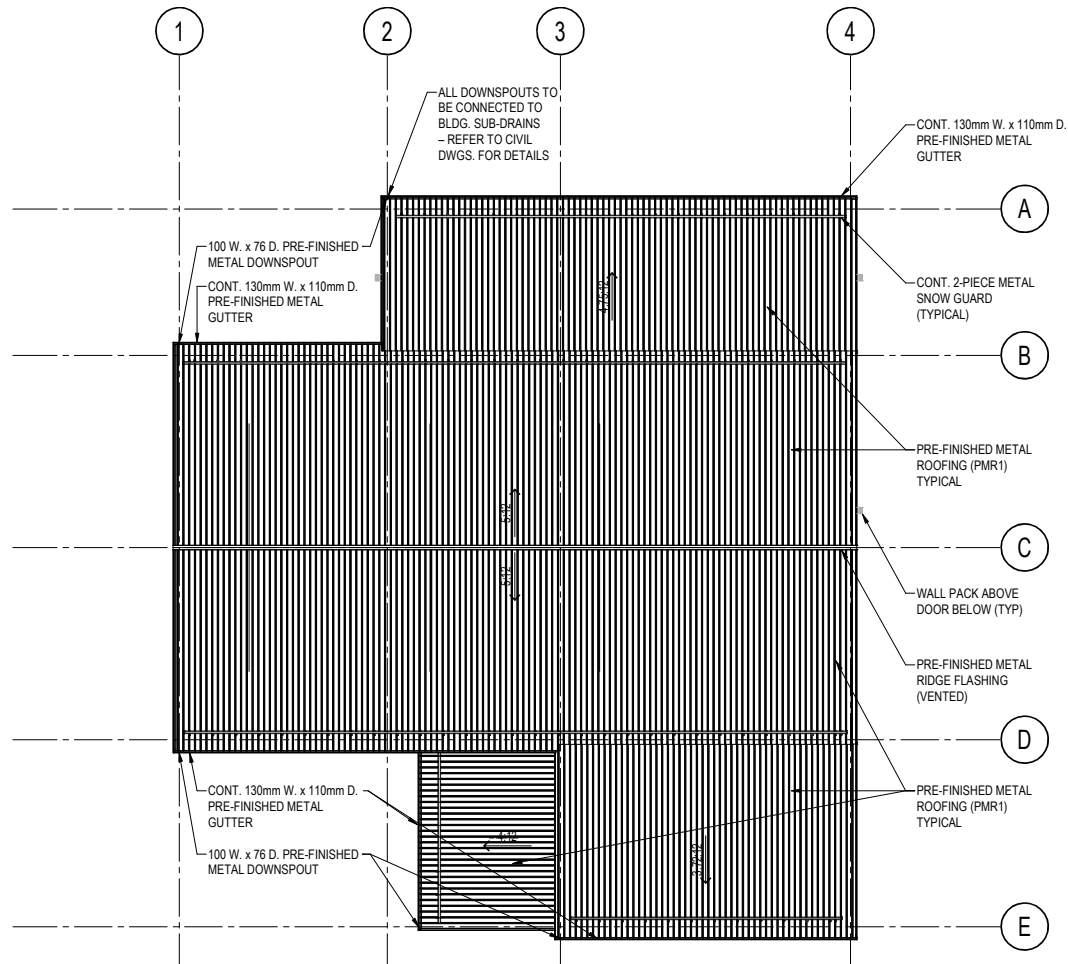
**ONTARIO ASSOCIATION
OF
ARCHITECTS**
Member Since 2014
NAZLI DELAVIZ
LICENCE
8851

SHEET
72A

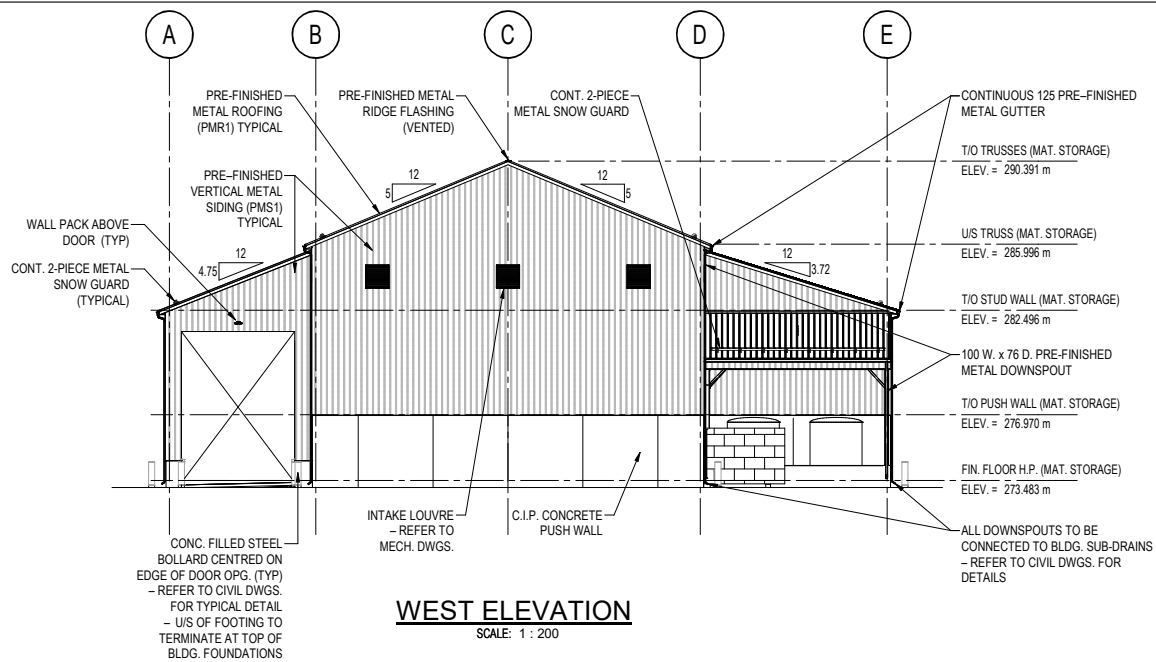
ONTARIO BUILDING CODE DATA MATRIX										
PART 3 - FIRE PROTECTION, OCCUPANT SAFETY AND ACCESSIBILITY										
Name of Practice		Dillon Building Design Ltd., Engineers and Architects, Certificate of Practice Number 2145								
Address 1		130 Dufferin Avenue, Suite 1400								
Address 2		London, Ontario N6A 5R2 Tel: 519-438-1288 Fax: 519-672-8209								
Contact		Fenelon Falls Maintenance Patrol Yard (MPY) Ministry of Transportation, ON								
Location/Address		South East Quadrant of Glenora Road and Country Lane								
Date		Seal & Signature								
3.00 BUILDING CODE VERSION	O.Reg. 332/12	LAST AMENDMENT		O.Reg. 89/23						
3.01 PROJECT TYPE	New Construction		(A) 1.1.2.							
3.02 MAJOR OCCUPANCY CLASSIFICATION	OCCUPANCY		USE		3.1.2.1.(1)					
	F3	Low Hazard Industrial		Material Storage Building						
3.03 SUPERIMPOSED MAJOR OCCUPANCIES	NO		3.2.2.7.							
3.04 BUILDING AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL (A) 1.4.1.2.			
	New Building		N/A		1,097.00		1,097.0			
	TOTAL				1,097.0		1,097.0			
3.05 GROSS AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL (A) 1.4.1.2.			
	New Building		N/A		1,097.0		1,097.0			
	TOTAL				1,097.0		1,097.0			
3.06 MEZZANINE AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL 3.2.1.1.			
	N/A									
	TOTAL									
3.07 BUILDING HEIGHT	1	STOREYS ABOVE GRADE		12.00		(m) ABOVE GRADE		(A) 1.4.1.2. & 3.2.1.1.		
	0	STOREYS BELOW GRADE								
3.08 HIGH BUILDING	No		3.2.6							
3.09 NUMBER OF STREETS/FIREFIGHTER ACCESS	1 STREET(S)		3.2.2.10. & 3.2.5.							
3.10 BUILDING CLASSIFICATION	3.2.2.80	Group F, Division 3, 1 Storey		3.2.2.20-43.						
3.11 SPRINKLER SYSTEM	Not Required		3.2.1.5. & 3.2.3.17.							
3.12 STANDPIPE SYSTEM	Not Required		3.2.9.							
3.13 FIRE ALARM SYSTEM	Not Required		3.2.4.							
3.14 WATER SERVICE/SUPPLY IS ADEQUATE	Yes									
3.15 CONSTRUCTION TYPE	RESTRICTION: Combustible Permitted		3.2.2.20-43.							
	ACTUAL		Combustion							
	HEAVY TIMBER CONSTRUCTION						N/A			
3.16 IMPORTANCE CATEGORY	Normal		3.1.4.7 4.1.5.1.(3), T4.1.2.1.B.							
3.17 SEISMIC HAZARD INDEX (I _s , I _s)	0.00 Seismic Design Not Required for Table 4.1.1.18. Items 5 to 21		4.1.8.10.(1)							
3.18 OCCUPANT LOAD	FLOOR LEVEL/AREA		OCCUPANCY TYPE		BASED ON		OCCUPANT LOAD (PERSONS) 3.1.17.			
	Ground Floor				Design of space		5			
	TOTAL						8			
3.19 BARRIER/FREE DESIGN	No		Building is not intended to be occupied on a daily or full-time basis.							
3.20 HAZARDOUS SUBSTANCES	No		3.3.1.2. & 3.3.1.10.							
3.21 REQUIRED FIRE RESISTANCE RATINGS	HORIZONTAL ASSEMBLY		RATING (H)		SUPPORTING ASSEMBLY (H)		NONCOMBUSTIBLE IN LIEU OF RATING 3.2.2.20-43. 3.2.1.4.			
	FLOORS OVER BSMT		N/A		N/A					
	FLOORS		N/A		N/A					
	MEZZANINE		N/A		N/A					
	ROOF		N/A		N/A					
SPATIAL SEPARATION - Material Storage Building	WALL	EBF AREA L2 (m²)	L/H OR H/L	REQUIRED FRR (H)	PERMITTED CONSTRUCTION TYPE	PROPOSED CONSTRUCTION TYPE	REQUIRED CLADDING TYPE	PROPOSED CLADDING TYPE	3.2.3.	
	North Wall	228.7	43.00	2.68.1	N/A	Unlimited	8.7%	Combustible Permitted	Combustible Permitted	Noncombustible
	South Wall	146.6	95.91	1.65.1	N/A	Unlimited	8.9%	Combustible Permitted	Combustible Permitted	Noncombustible
	East Wall	424.5	34.50	2.90.1	N/A	Unlimited	32.5%	Combustible Permitted	Combustible Permitted	Noncombustible
	West Wall	262.8	121.65	1.66.1	N/A	Unlimited	0.0%	Combustible Permitted	Combustible Permitted	Noncombustible
3.24 ENERGY EFFICIENCY	NONRESIDENTIAL COMPLIANCE OPTION		SB-10 Performance (Dix-5)		12.2.1.2.					
PROJECT DESIGN CONDITIONS										
CLIMATIC ZONE Zone 1 (< 5000 Degree Days)										
BUILDING ENVELOPE REQUIREMENTS					ASSEMBLY			INSULATION		
WALLS ABOVE GRADE					N/A			N/A		
ROOF (without attic space)					N/A			N/A		
ROOF (with attic space)					N/A			N/A		
SLAB-ON-GRADE FLOOR (heated)					N/A			N/A		
SLAB-ON-GRADE FLOOR (unheated)					N/A			N/A		
SPACE HEATING FUEL					-					
HEATING EQUIPMENT EFFICIENCY					-					
OTHER CONDITIONS										
3.25 NOTES	Exempt from SB-10 Energy Efficiency Requirements under item 1.2.1.1.(1)(c) Travel distance to at least one exit shall be not more than 30m as per CBC reference 3.4.2.5.(f) Maximum flame spread rating of 150 for all interior wall/ceilings.									
1. ALL REFERENCES ARE TO DIVISION B OF THE CBC UNLESS PRECEDED BY (A) FOR DIVISION A AND (E) FOR DIVISION C.										

REVISIONS	DATE	BY	DESCRIPTION
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24.10.21	BWD	ISSUED FOR TENDER	

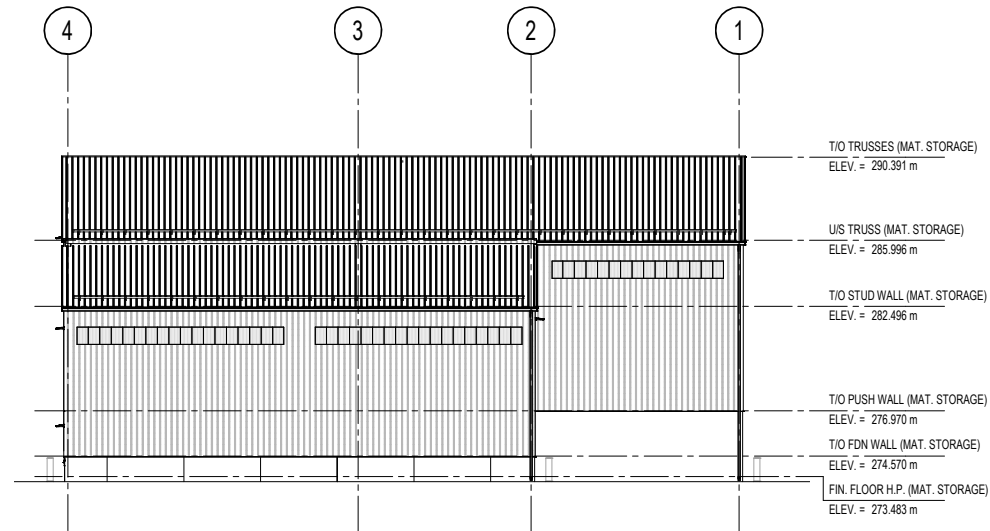
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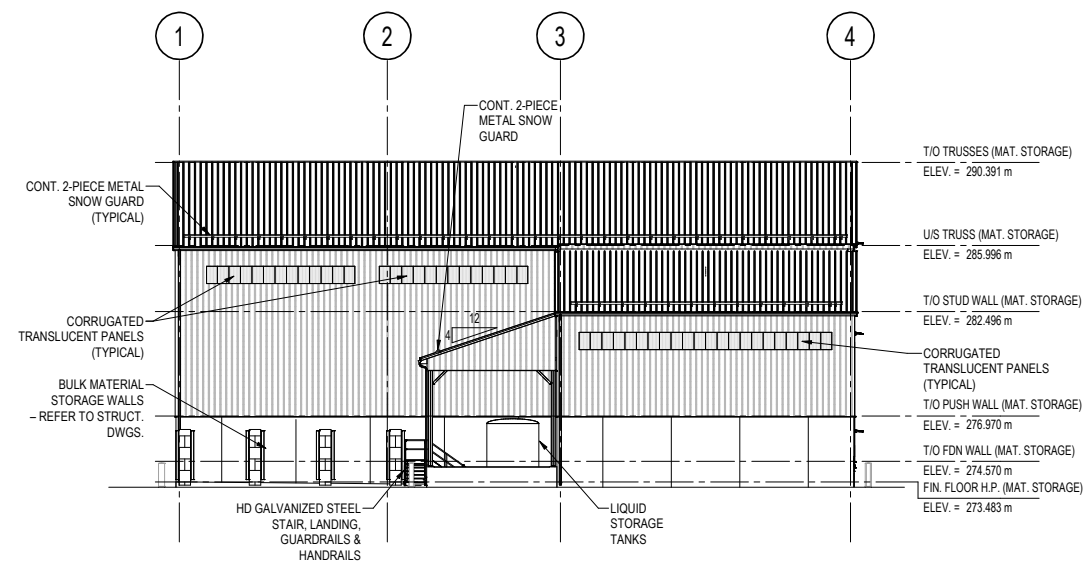
ROOF PLAN
SCALE: 1 : 200



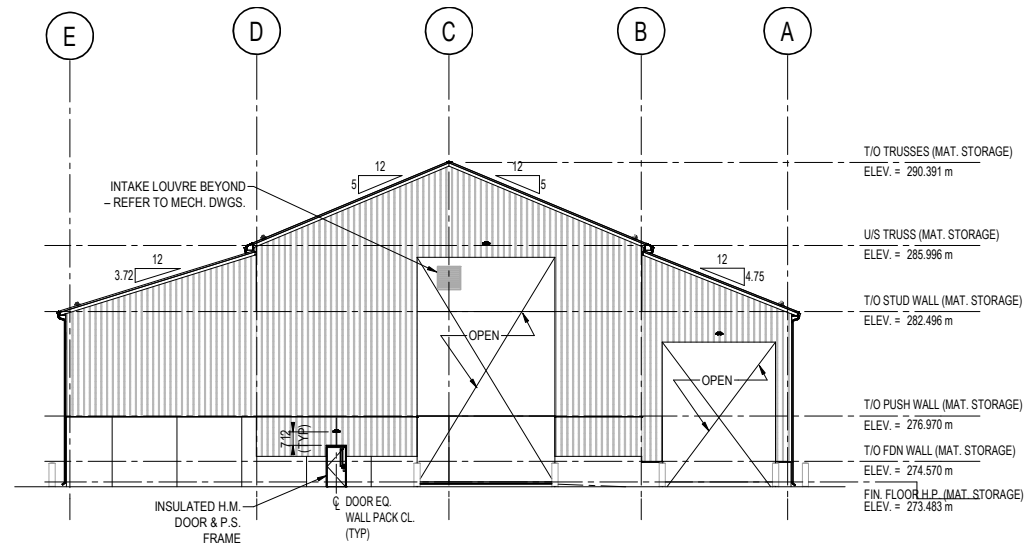
WEST ELEVATION
SCALE: 1 : 200



NORTH ELEVATION
SCALE: 1 : 200



SOUTH ELEVATION
SCALE: 1 : 200



EAST ELEVATION
SCALE: 1 : 200

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

CONT No 2023-4010
GWP No 4044-22-00

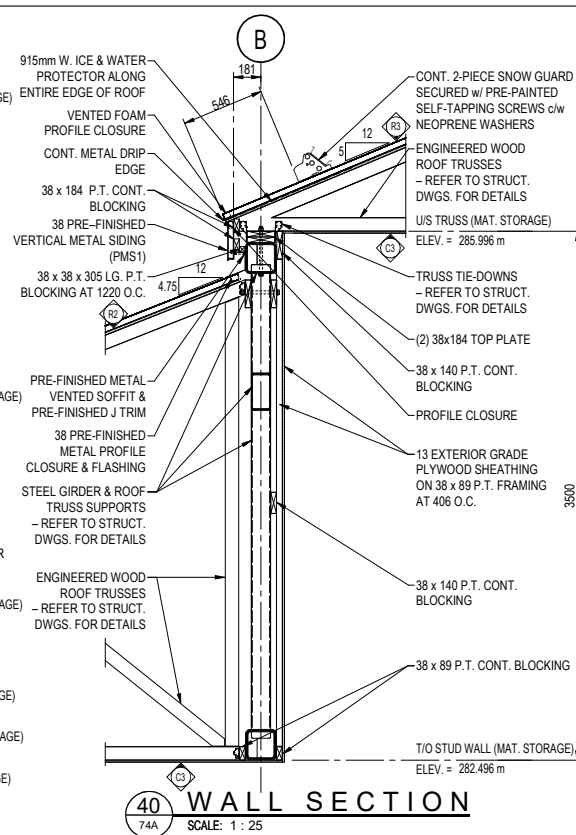
ARCHITECTURAL

FENELON FALLS MPY
MATERIAL STORAGE BUILDING - ROOF
PLAN AND EXTERIOR ELEVATIONS

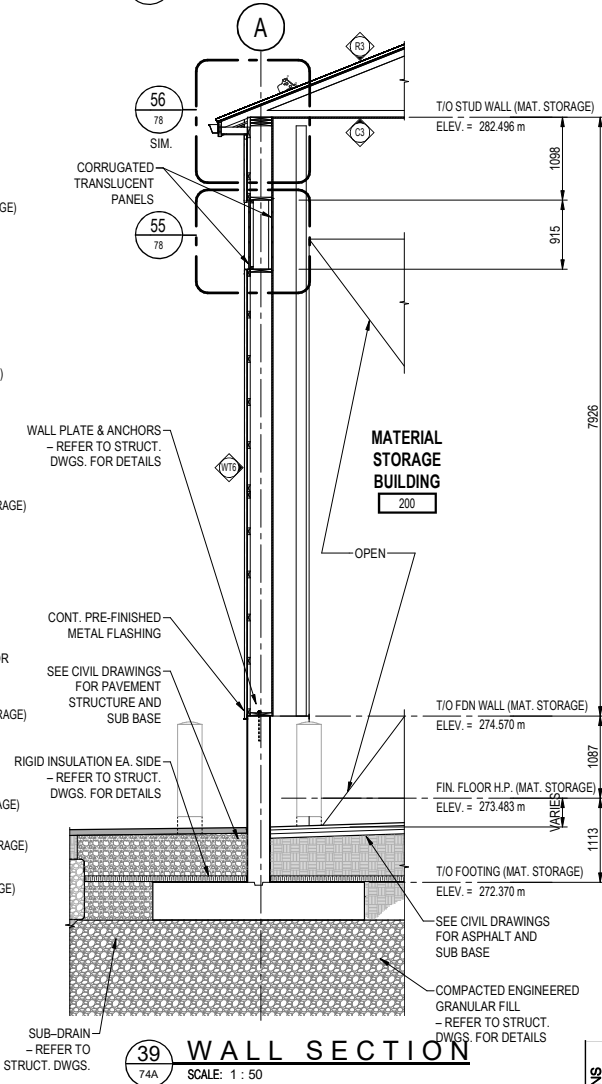
DILLON
Building Design Ltd.
Engineers and Architects
130 Dufferin Avenue, London, Ontario, N6A 5R2
Phone: (519) 438-6192, Fax: (519) 672-8209
E-mail: london@dillon.ca



REVISIONS	REV	DATE	BY	DESCRIPTION
	1	24.12.11	BWD	ISSUED FOR ADDENDUM 2
	2	24.10.21	BWD	ISSUED FOR TENDER








CROSS - SECTION
SCALE: 1 : 100



CROSS - SECTION
SCALE: 1 : 100

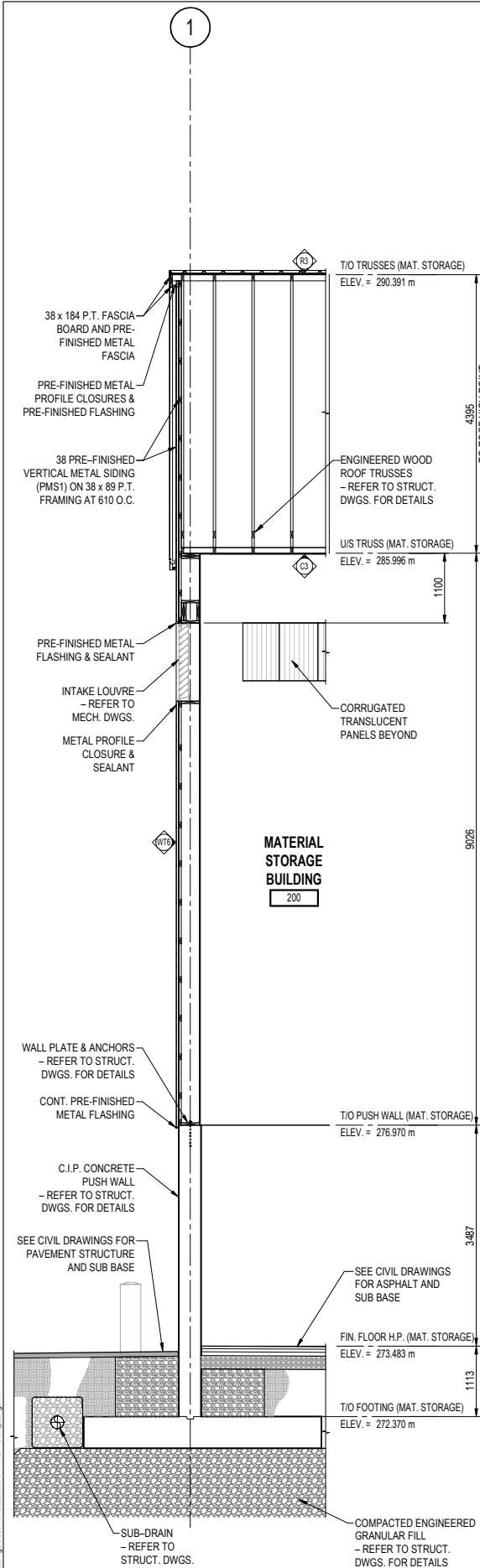

 ONTARIO ASSOCIATION
 OF
 ARCHITECTS
Noted December 50th 2024
 NAZI DELAVIZ
 LICENCE
 8851

SHEET
74A

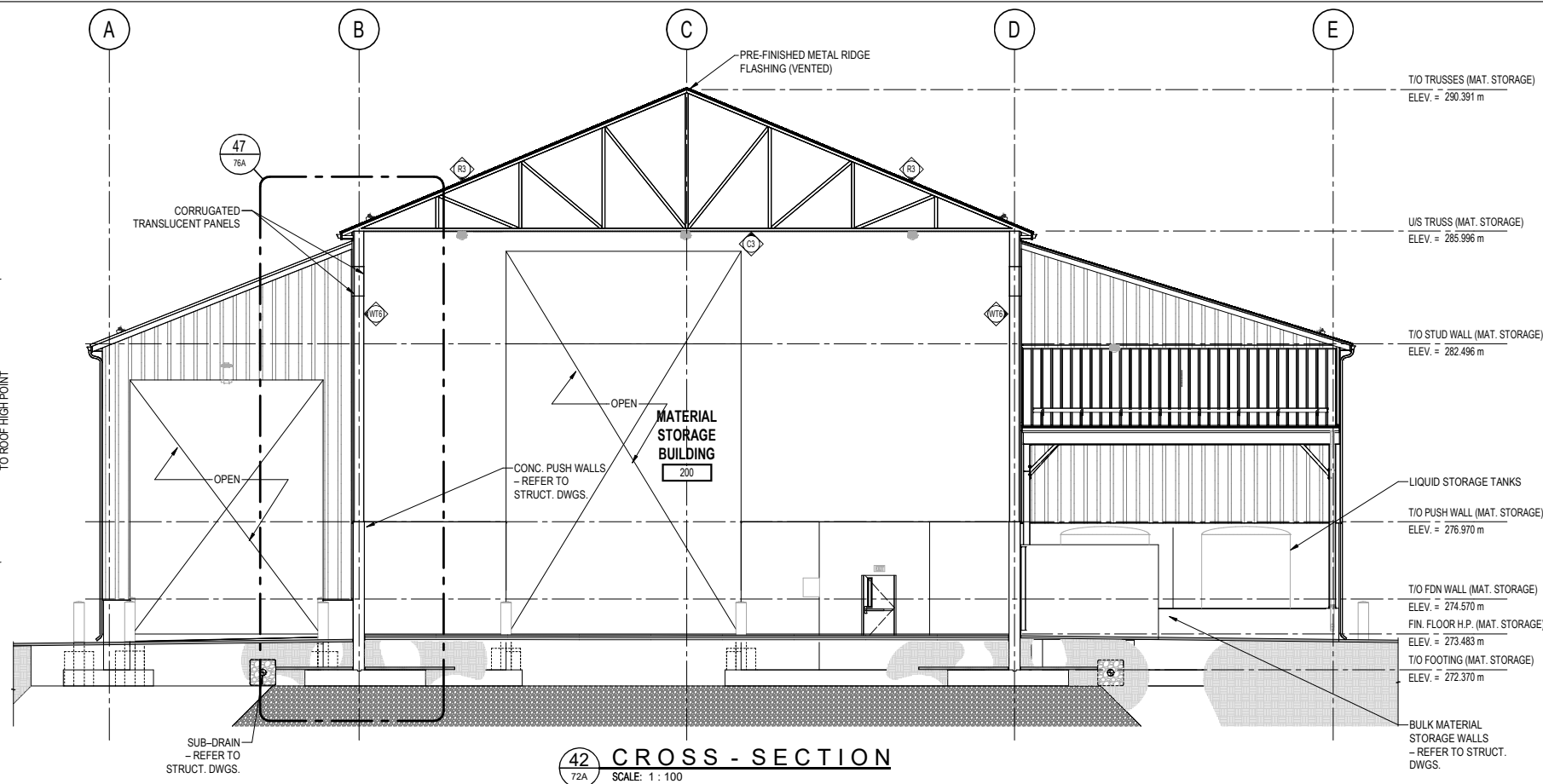
REVISIONS				
				
				
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		24.10.21	BWD	ISSUED FOR TENDER
REV	DATE	BY	DESCRIPTION	

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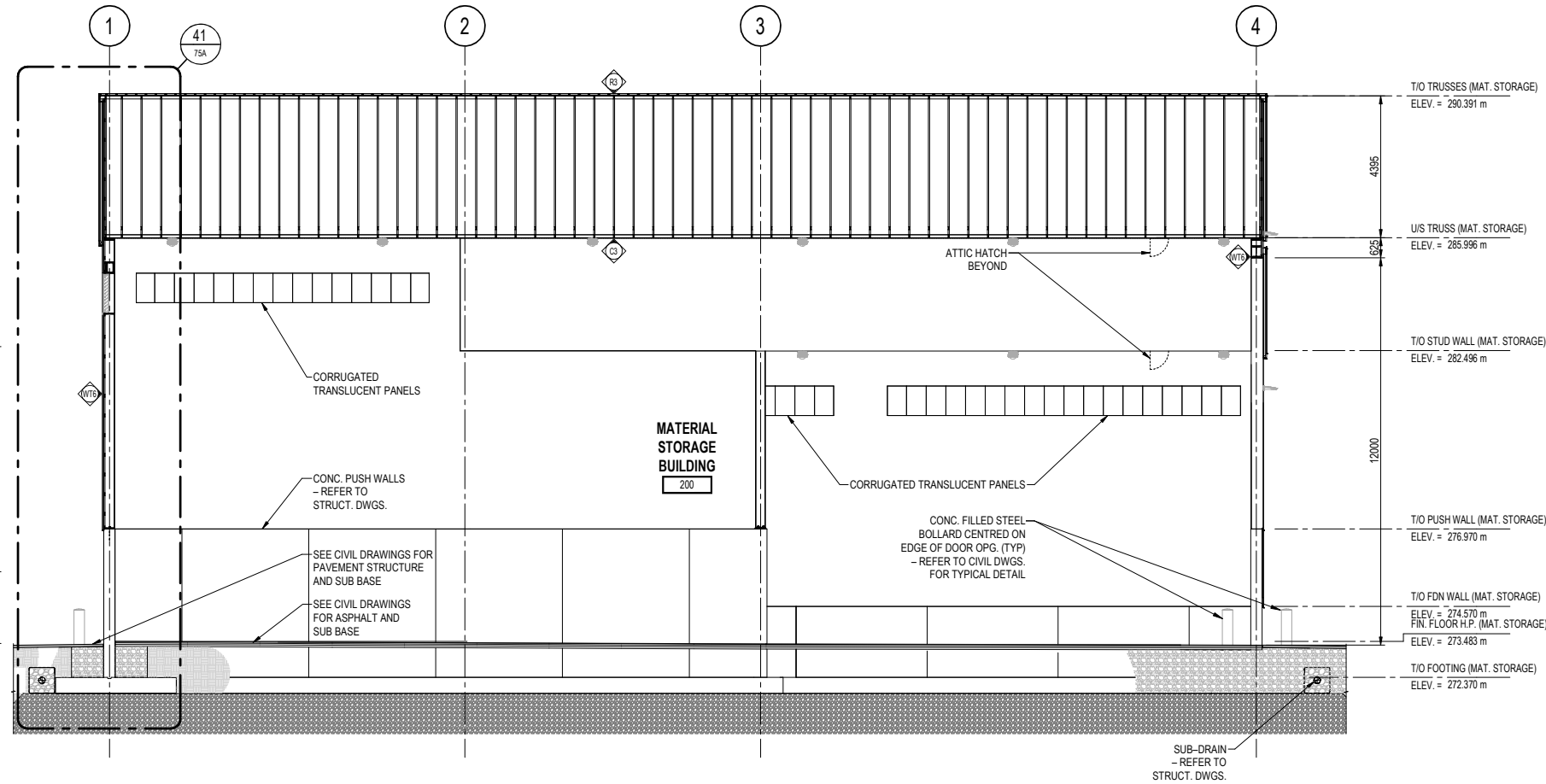
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41 WALL SECTION
75A SCALE: 1 : 50



42 CROSS - SECTION
72A SCALE: 1 : 100



43 CROSS - SECTION
72A SCALE: 1 : 100

DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

CONT No 2023-4010
GWP No 4044-22-00

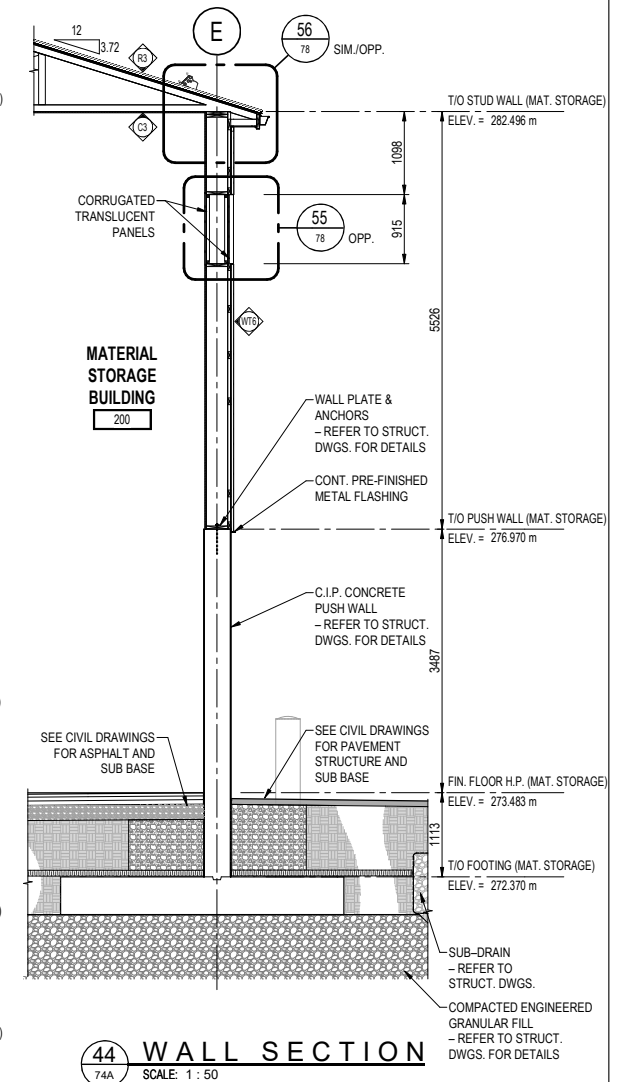
ARCHITECTURAL

FENELON FALLS MPY
MATERIAL STORAGE BUILDING -
CROSS-SECTIONS AND WALL SECTIONS

DILLON
Building Design Ltd.
Engineers and Architects
130 Dufferin Avenue, London, Ontario, N6A 5R2
Phone: (519) 438-6192, Fax: (519) 672-8209
E-mail: london@dillon.ca



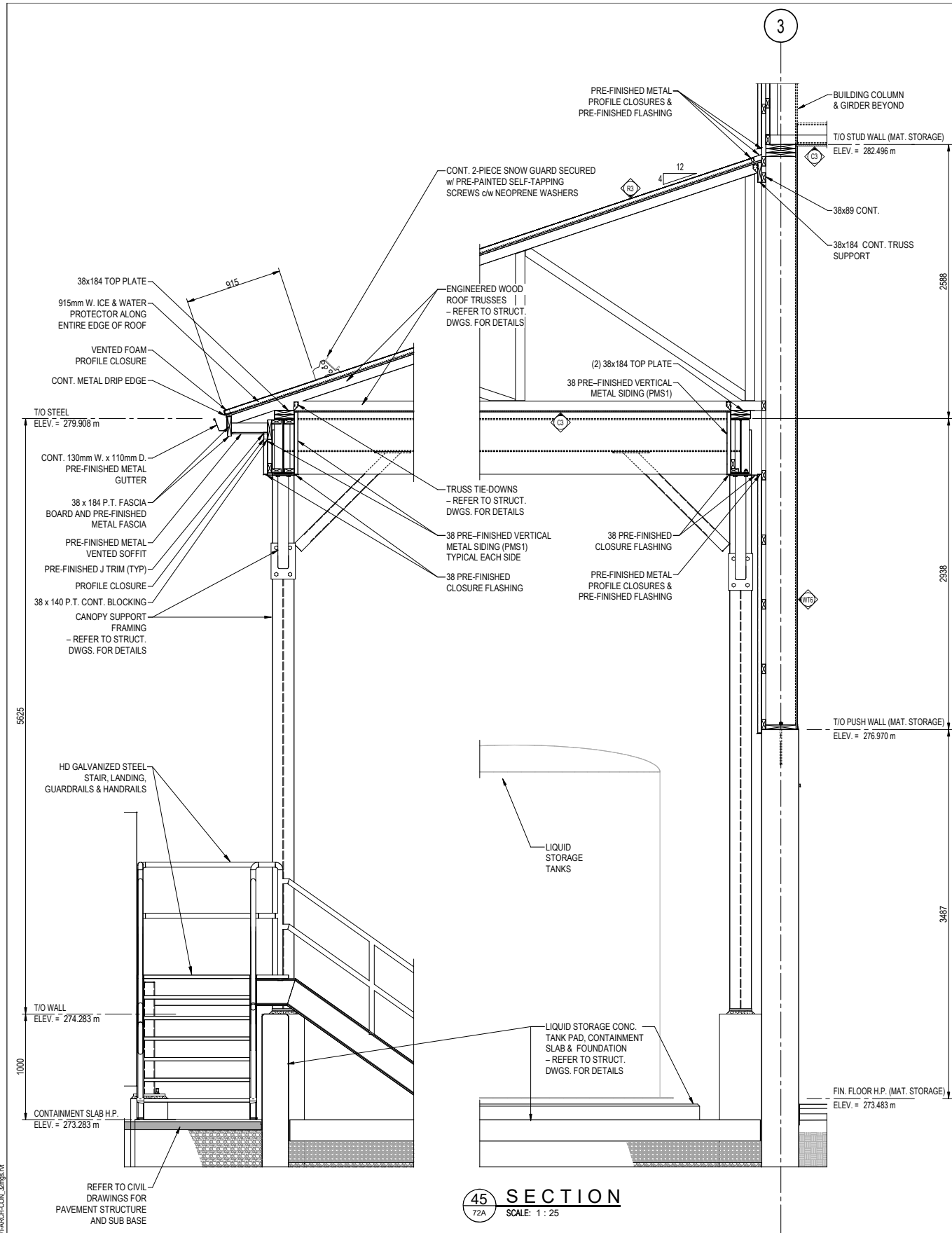
SHEET
75A



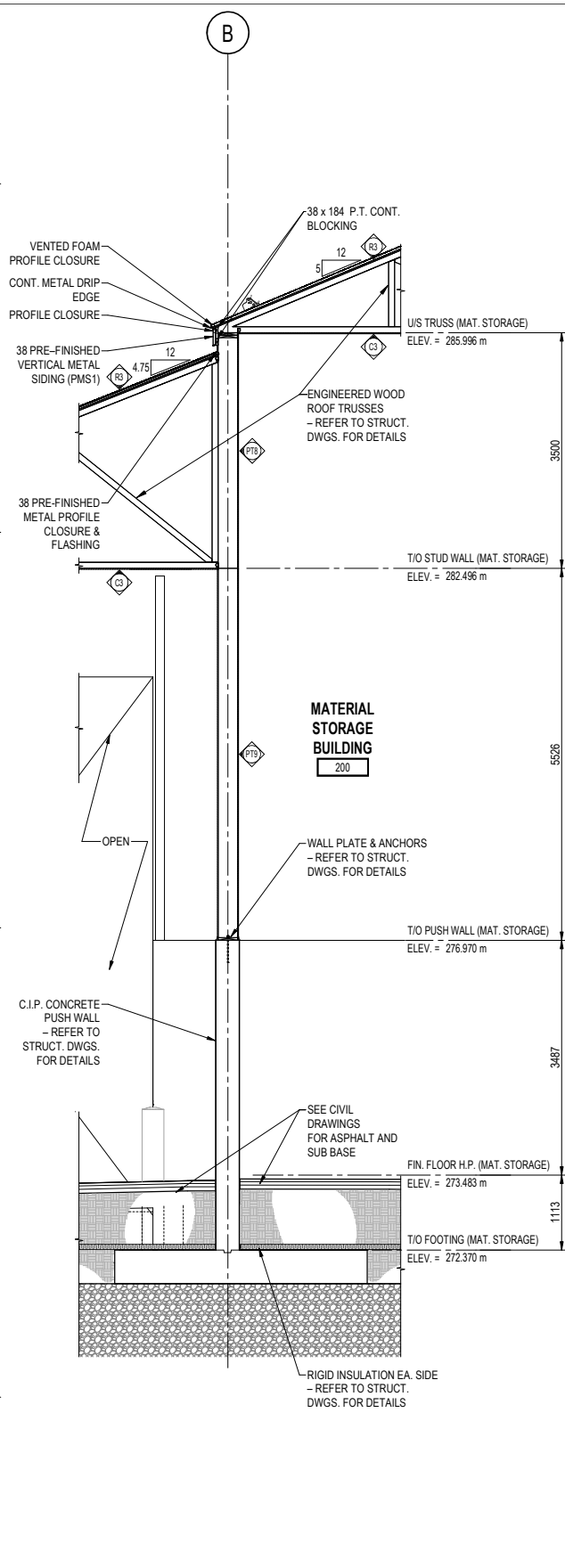
44 WALL SECTION
74A SCALE: 1 : 50

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24.10.21	BWD	ISSUED FOR TENDER	
REV	DATE	BY	DESCRIPTION

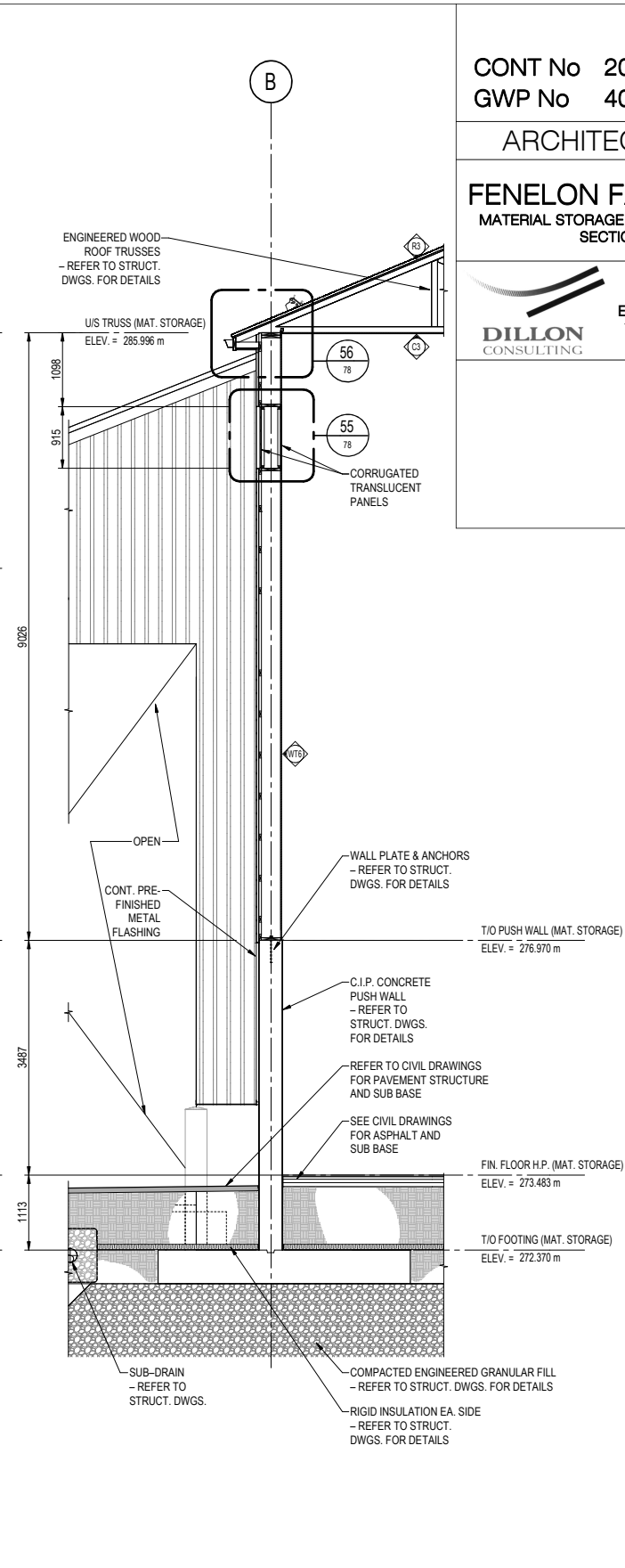
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45 SECTION
72A SCALE: 1 : 25



46 WALL SECTION
74A SCALE: 1 : 50



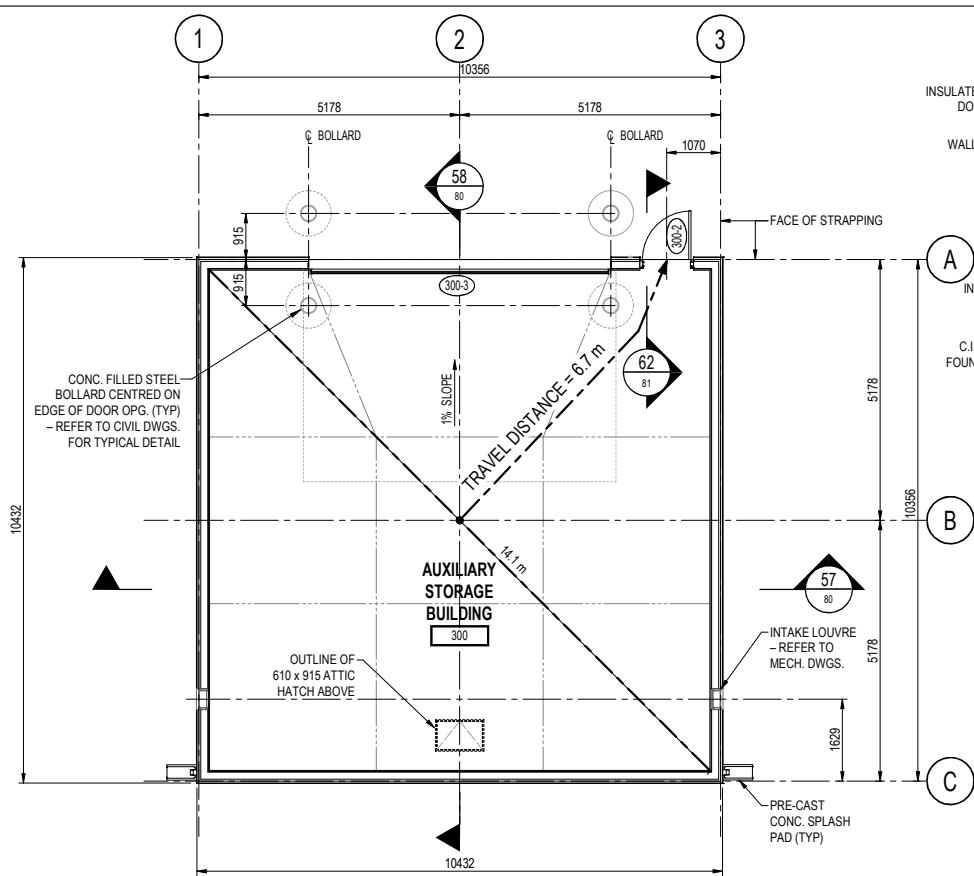
47 WALL SECTION
74A SCALE: 1 : 50

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100 mm ON ORIGINAL DRAWING

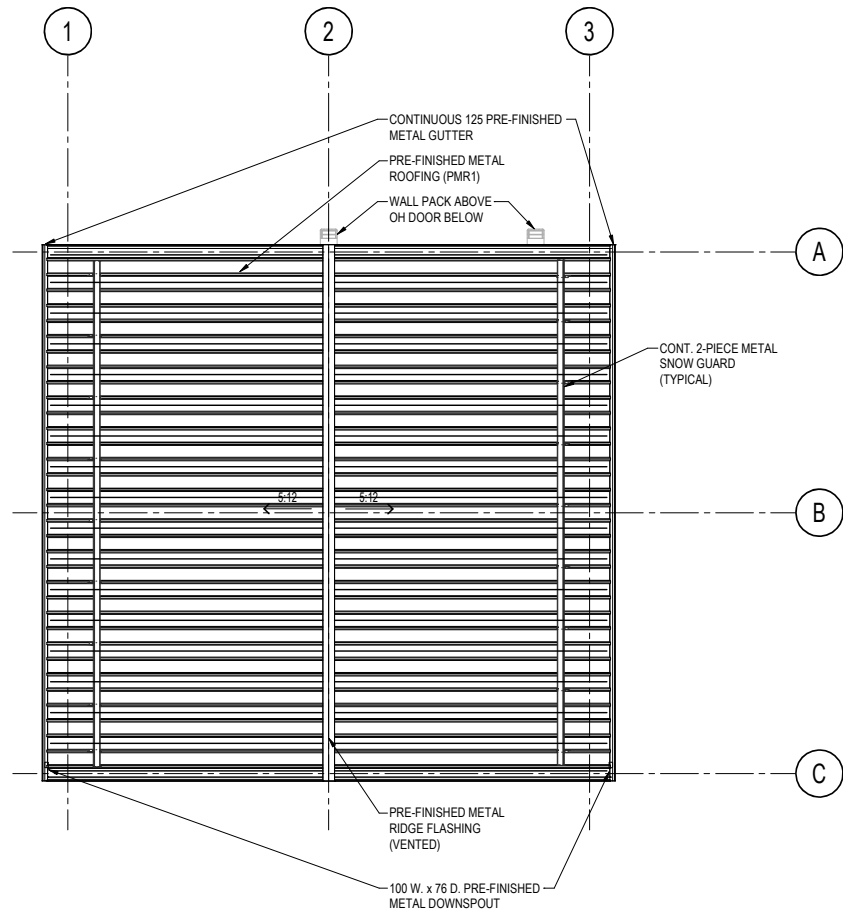
CONT No 2023-4010 GWP No 4044-22-00		
ARCHITECTURAL		
FENELON FALLS MPY MATERIAL STORAGE BUILDING - WALL SECTIONS		SHEET 76A
 DILLON Building Design Ltd. Engineers and Architects 130 Dufferin Avenue, London, Ontario, N6A 5R2 Phone: (519) 438-6192, Fax: (519) 672-9209 E-mail: london@dillon.ca		
DILLON CONSULTING		

REVISIONS	REV	DATE	BY	DESCRIPTION
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	2	24.10.21	BWD	ISSUED FOR TENDER

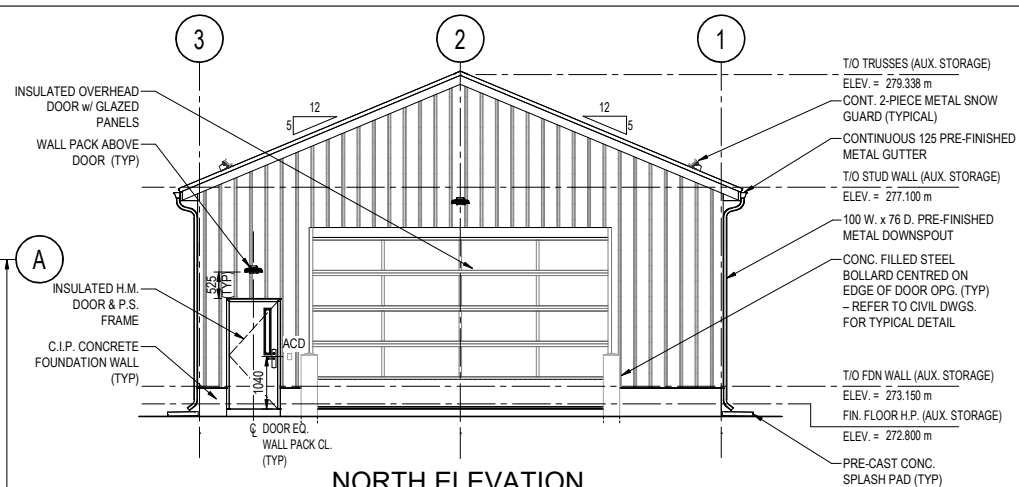
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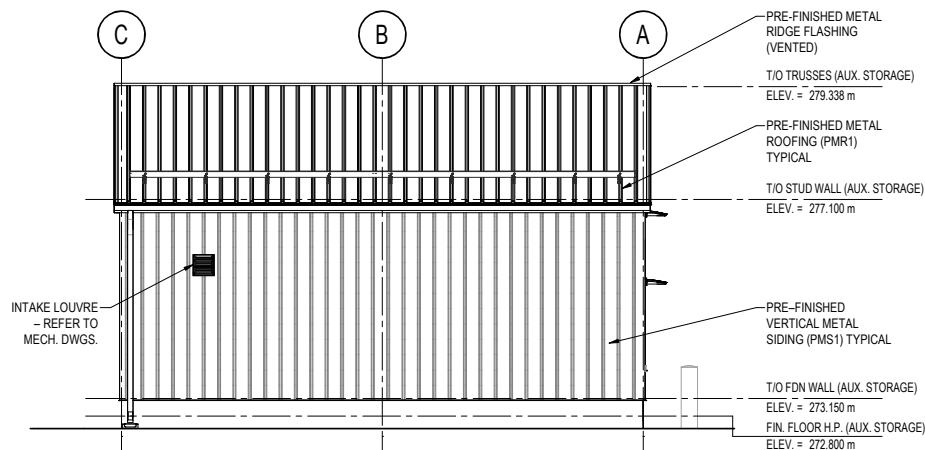
FLOOR PLAN
SCALE: 1 : 75



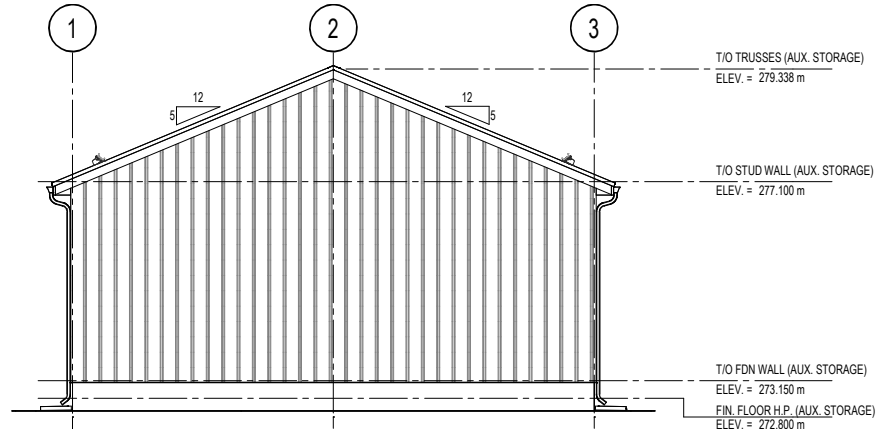
ROOF PLAN
SCALE: 1 : 75



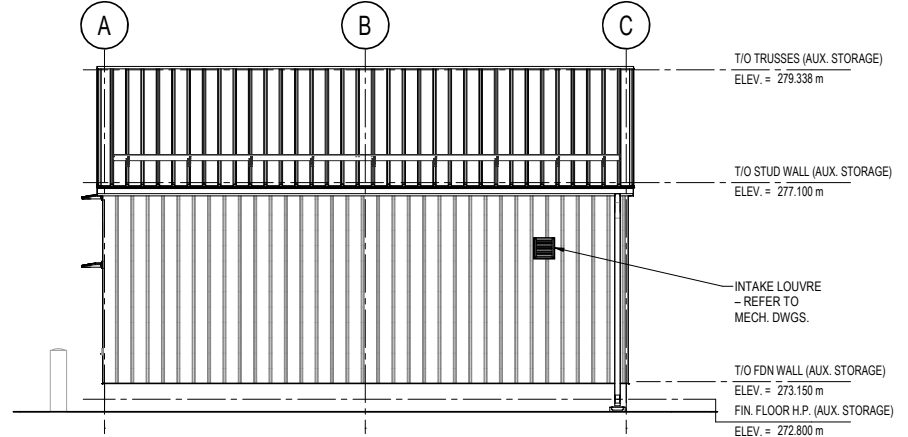
NORTH ELEVATION
SCALE: 1 : 75



EAST ELEVATION
SCALE: 1 : 75



SOUTH ELEVATION
SCALE: 1 : 75



WEST ELEVATION
SCALE: 1 : 75

CONT No 2023-4010
GWP No 4044-22-00

ARCHITECTURAL

FENELON FALLS MPY
AUXILIARY STORAGE BUILDING - FLOOR
PLAN, ROOF PLAN AND ELEVATIONS

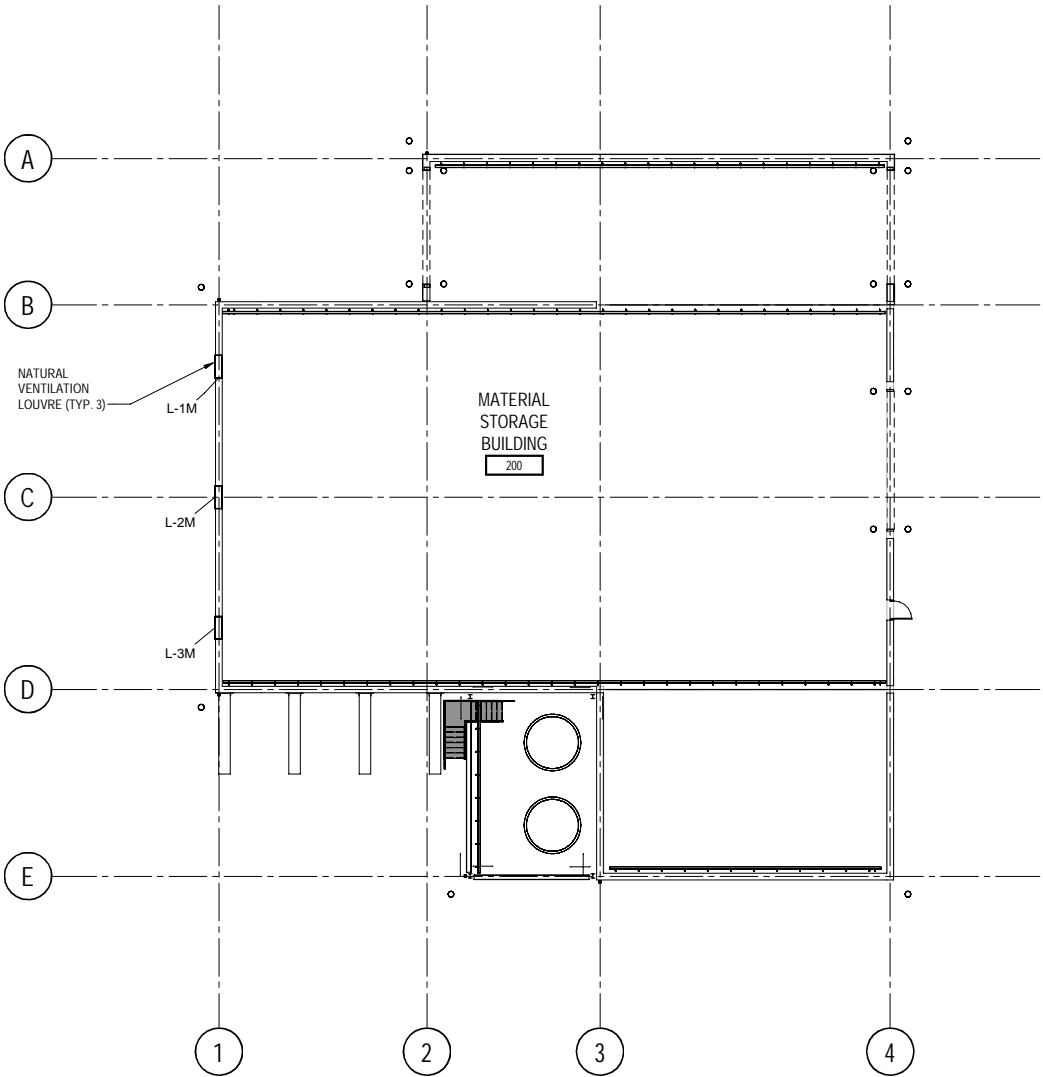
DILLON
Building Design Ltd.
Engineers and Architects
130 Dufferin Avenue, London, Ontario, N6A 5R2
Phone: (519) 438-6192, Fax: (519) 672-8209
E-mail: london@dillon.ca



ONTARIO BUILDING CODE DATA MATRIX										Revised: 2016-10-18
PART 9 - HOUSING AND SMALL BUILDINGS										OBC REFERENCE
Name of Practice		Dillon Building Design Ltd., Engineers and Architects, Certificate of Practice Number 2145								
Address 1		130 Dufferin Avenue, Suite 1400								
Address 2		London, Ontario N6A 5R2 Tel: 519-438-1288 Fax: 519-472-8209								
Contact										
Name of Project		Fenelon Falls Maintenance Plant Yard (MPY)								
Location/Address		Ministry of Transportation, ON South East Quadrant of Glenora Road and County Lane								
Date										Seal & Signature
9.09 BUILDING CODE VERSION	O Reg. 330/12	LAST AMENDMENT				O Reg. 86/23				
9.01 PROJECT TYPE	New Construction									(A) 1.1.2.
9.02 OCCUPANCY CLASSIFICATION	OCCUPANCY				USE				9.10.2.	
	F3 Low Hazard Industrial				Auxiliary Storage Building					
9.03 SUPERIMPOSED MAJOR OCCUPANCIES	NO									9.10.2.3.
9.04 BUILDING AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL		(A) 1.4.1.2.	
	New Building		N/A		109.5		109.5			
	TOTAL		-		109.5		109.5			
9.05 GROSS AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL		(A) 1.4.1.2.	
	New Building		N/A		109.5		109.5			
	TOTAL		-		109.5		109.5			
9.06 MEZZANINE AREA (m²)	DESCRIPTION		EXISTING		NEW		TOTAL		9.10.4.1.	
	na		N/A		-		-			
	TOTAL		-		-		-			
9.07 BUILDING HEIGHT	1	STOREYS ABOVE GRADE			4.30			(m) ABOVE GRADE (A) 1.4.1.2. & 9.10.4.		
	0	STOREYS BELOW GRADE								
9.08 NUMBER OF STREETS FREE FOR TRAFFIC ACCESS	1 STREET(S)									9.10.20.
9.09 SPRINKLER SYSTEM	Not Required									9.10.8.2.-4.
9.10 FIRE ALARM SYSTEM	Not Required									9.10.16.
9.13 POST-MASTER BUILDING	NO			ACTUAL Combination			HEAVY TIMBER CONSTRUCTION N/A (A) 1.1.2.2.(2)			
9.14 OCCUPANT LOAD	FLOOR LEVEL/AREA		OCCUPANCY TYPE		BASED ON		OCCUPANT LOAD (PERSONS) 3.1.17.			
	Ground Floor				Design of space		1.0			
	TOTAL						1			
9.15 BARRIER-FREE DESIGN	No			Building is not intended to be occupied on a daily or full time basis						9.5.2.
9.16 HAZARDOUS SUBSTANCES	No									9.10.1.3.
9.17 REQUIRED FIRE RESISTANCE RATINGS	HORIZONTAL ASSEMBLY		FIRE RESISTANCE RATING (H)		SUPPORTING ASSEMBLY (H)		9.10.8.			
	FLOORS EXCEPT CRAWLSPACE		N/A		N/A					
	MEZZANINE		N/A		N/A					
	ROOF		N/A		N/A					
9.18 SPATIAL SEPARATION	WALL	ESF AREA (m²) (L/D (H))	L/H OR L/B	REQUIRED PER (H)	PROPOSED PER (H) OF GRG. OR/US	REQUIRED CONSTRUCTION TYPE	PROPOSED CONSTRUCTION TYPE	REQUIRED CLADDING TYPE	PROPOSED CLADDING TYPE	
	North Wall	46.9	105.48	2.3:1	N/A	Unlimited	43.1%	Combustible Permitted	Combustible Permitted	
	South Wall	46.9	58.22	2.3:1	N/A	Unlimited	0.0%	Combustible Permitted	Combustible Permitted	
	East Wall	46.9	114.21	2.3:1	N/A	Unlimited	0.0%	Combustible Permitted	Combustible Permitted	
	West Wall	46.9	182.54	2.3:1	N/A	Unlimited	0.0%	Combustible Permitted	Combustible Permitted	
	Roof	46.9	182.54	2.3:1	N/A	Unlimited	0.0%	Combustible Permitted	Combustible Permitted	
9.20 ENERGY EFFICIENCY	ON-RESIDENTIAL COMPLIANCE OPTION				SB-10 Performance (Div.5)				12.2.1.2.	
	PROJECT DESIGN CONDITIONS									
	CLIMATIC ZONE Zone 1 (< 5000 Degree Days)									
	BUILDING ENVELOPE REQUIREMENTS									
	WALLS, ABOVE GRADE				OCCUPANT LOAD				N/A	
	ROOF (without attic space)								N/A	
	ROOF (with attic space)								N/A	
	SLAB-ON-GRADE FLOOR (heated)								N/A	
	SLAB-ON-GRADE FLOOR (unheated)								N/A	
	SPACE HEATING FUEL								N/A	
	HEATING EQUIPMENT EFFICIENCY								N/A	
	OTHER CONDITIONS									
9.21 NOTES	Exempt from SB-10 Energy Efficiency Requirements under item 1.2.1.1.(1)(c) Travel distance to at least one exit shall be not more than 30m as per OBC reference 3.4.2.5.(f)									
ALL REFERENCES ARE TO DIVISION 9 OF THE CBC UNLESS PRECEDED BY A REFERENCE TO DIVISION 4 AND 5 FOR DIVISION 9										

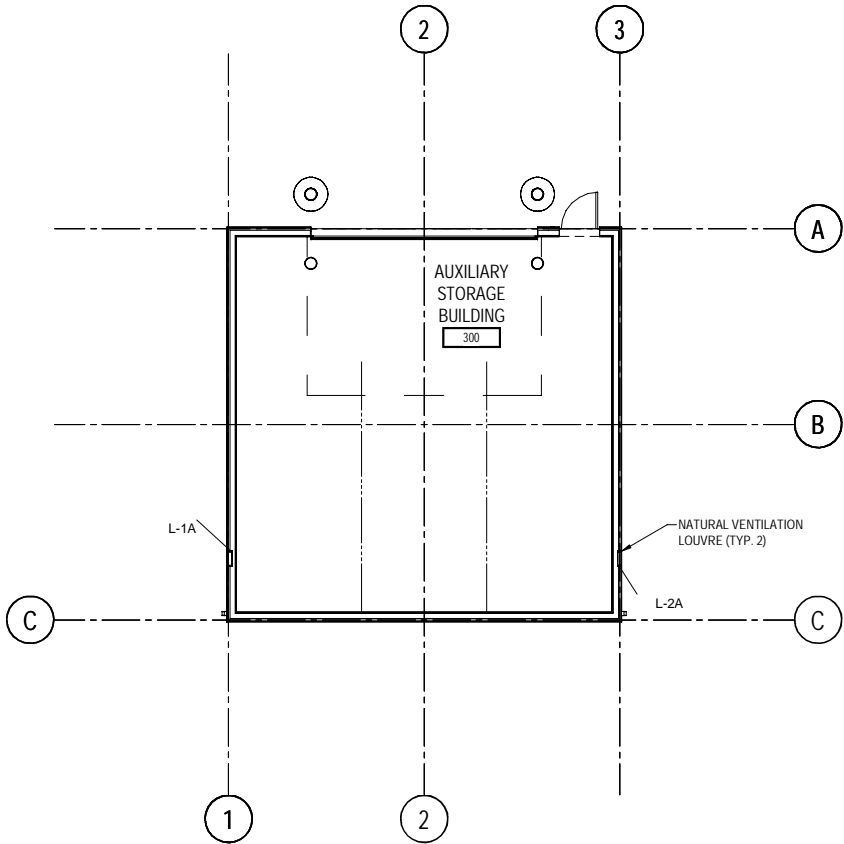
DRAWING NOT TO BE SCALED
100 mm ON ORIGINAL DRAWING

REVISIONS	REV	DATE	BY	DESCRIPTION
	24.12.11	BWD		ISSUED FOR ADDENDUM 2
	24.10.21	BWD		ISSUED FOR TENDER



MATERIAL STORAGE BUILDING - HVAC

SCALE: 1 : 200



AUXILIARY STORAGE BUILDING - HVAC

SCALE: 1 : 100

LOUVRE SCHEDULE - MATERIAL AND AUXILIARY STORAGE BUILDINGS											
TAG	LOCATION	SERVES	TYPE	WIDTH (mm)	HEIGHT (mm)	DEPTH (mm)	AIRFLOW (L/S)	AIR PRESSURE DROP (Pa)	ACCESSORIES	ACCEPTABLE PRODUCT (OR APPROVED EQUAL)	NOTES
L-1A	AUXILIARY BLDG	AUXILIARY BLDG	INTAKE	355	355	152	189	25	BIRDSCREEN, FLANGED FRAME	EH PRICE DE439	1,2,3,4
L-2A	AUXILIARY BLDG	AUXILIARY BLDG	INTAKE	355	355	152	189	25	BIRDSCREEN, FLANGED FRAME	EH PRICE DE439	1,2,3,4
L-1M	MATERIAL STORAGE BLDG	MATERIAL STORAGE BLDG	INTAKE	1219	1372	152	4484	25	BIRDSCREEN, FLANGED FRAME	EH PRICE DE639	1,2,3,5
L-2M	MATERIAL STORAGE BLDG	MATERIAL STORAGE BLDG	INTAKE	1219	1372	152	4484	25	BIRDSCREEN, FLANGED FRAME	EH PRICE DE639	1,2,3,5
L-3M	MATERIAL STORAGE BLDG	MATERIAL STORAGE BLDG	INTAKE	1219	1372	152	4484	25	BIRDSCREEN, FLANGED FRAME	EH PRICE DE639	1,2,3,5
NOTES: 1. EXTRUDED ALUMINUM CONSTRUCTION COMPLETE, ALUMINUM BIRDSCREEN, AND CUSTOM COLOUR BAKED ENAMEL FINISH. 2. INTAKE LOUVER FREE AREA VELOCITY TO BE LESS THAN WATER PENETRATION THRESHOLD AS DEFINED IN AMCA STANDARD 511. 3. REFER ALSO TO SPECIFICATIONS. 4. INSTALL LOUVRE AT 3000 mm AFF. 5. INSTALL LOUVRE AT 10000 mm AFF											

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MECHANICAL

FENELON FALLS MPY
MATERIAL AND AUXILIARY STORAGE
BUILDINGS FLOOR PLAN HVAC



SHEET
90-1

REVISIONS			
REV	DATE	BY	DESCRIPTION
1	24.12.11	BWD	ISSUED FOR ADDENDUM 2