



**COMMITTEE OF ADJUSTMENT NOTICE OF PUBLIC HEARING
APPLICATION NO. A-040-2024**

TAKE NOTICE that an application has been received by the Town of Innisfil from **Wilfreda Eisses**, applicant, on behalf of **Kevin Arnold, Owner**, for a minor variance from Zoning By-law 080-13, pursuant to Section 45 of the *Planning Act*, R.S.O. 1990, c. P.13, as amended.

The subject property is described legally as **CON 9 PT LOT 15 PLAN M261 LOT 59**, known municipally as **2258 Richardson Street** and is zoned “**Environmental Protection (EP)**”.

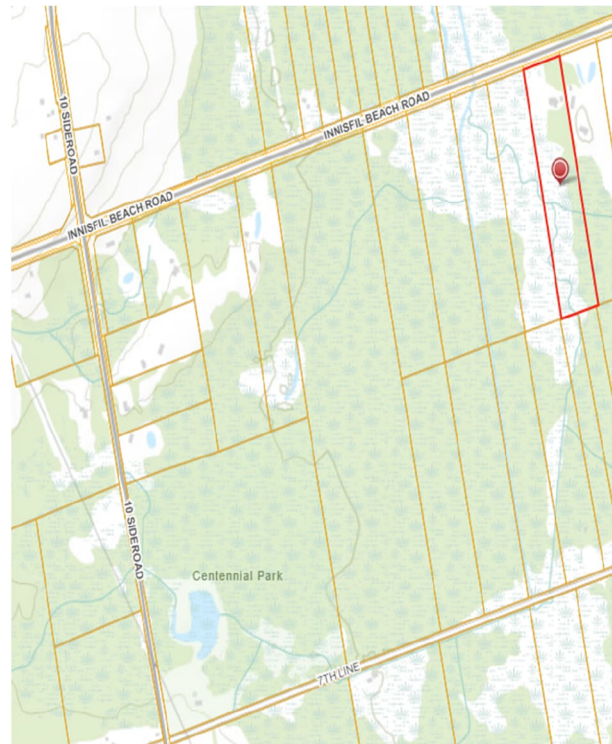
The applicant is proposing to construct an addition to an existing accessory structure. The applicant is seeking relief from Section 3.27(a) of the Zoning By-law for the expansion of a legally existing, non-conforming use.

The Committee of Adjustment for the Town of Innisfil will consider this application in person at Town Hall and virtually through Zoom on **Thursday, October 17, 2024, at 6:30 PM.**

To participate in the hearing and/or provide comments, you must register by following the link below or scanning the above QR code: <https://innisfil.ca/en/building-and-development/committee-of-adjustment-hearings.aspx>

Requests can also be submitted in writing to: Town of Innisfil Committee of Adjustment, 2101 Innisfil Beach Road, Innisfil, Ontario, L9S 1A1 or by email to planning@innisfil.ca.

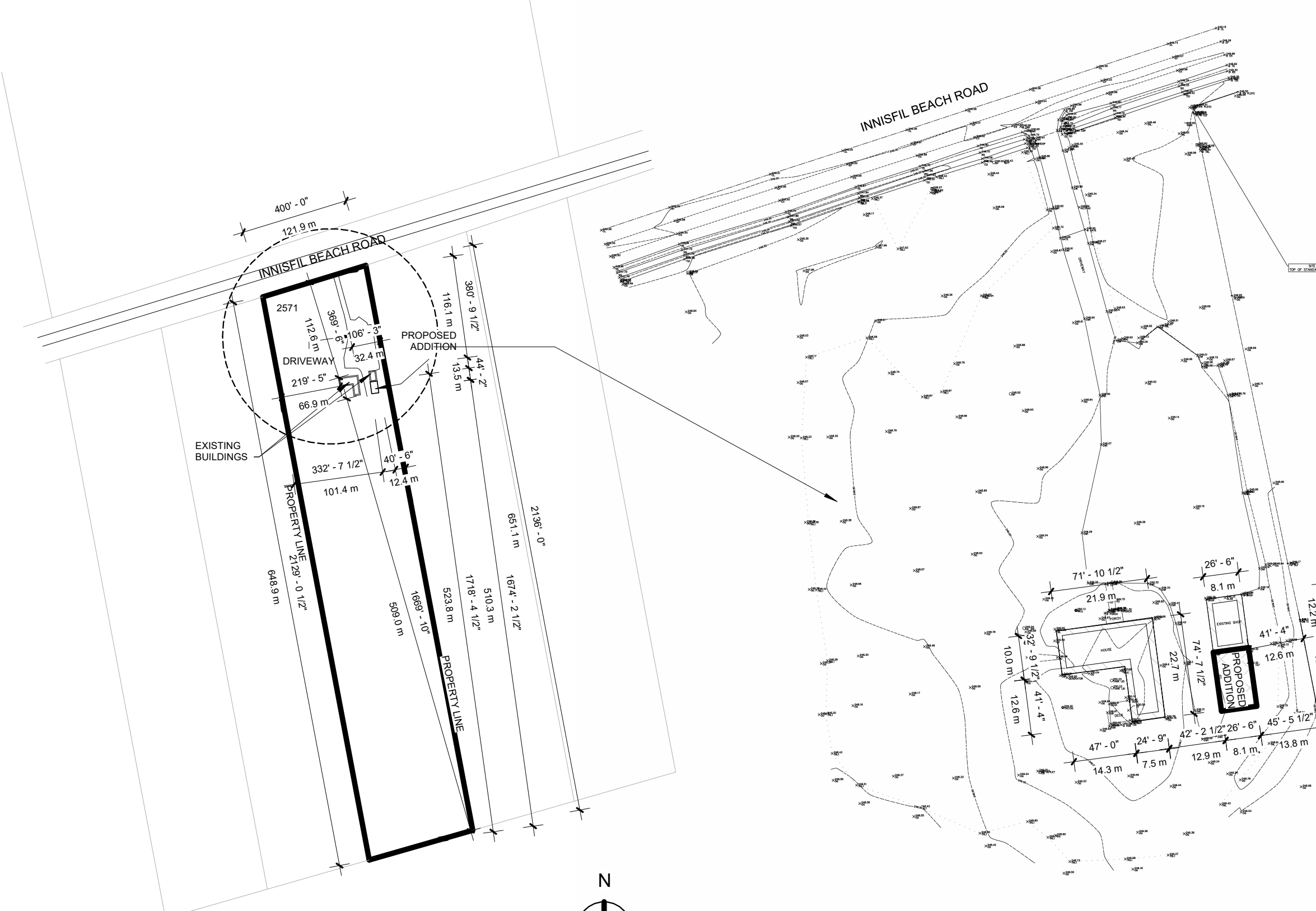
If you wish to receive a copy of the decision of the Committee of Adjustment in respect of the proposed minor variance, you must make a written request to the Secretary-Treasurer of the Committee of Adjustment by way of email or regular mail. The Notice of Decision will also explain the process for appealing a decision to the Ontario Lands Tribunal.



Additional information relating to the proposed application is available on the Town of Innisfil website. Accessible formats are available on request, to support participation in all aspects of the feedback process. To request an alternate format please contact Planning Services at planning@innisfil.ca.

Dated: **October 1, 2024**

Toomaj Haghshenas,
Secretary-Treasurer
thaghsheenas@innisfil.ca
705-436-3710 ext. 3316

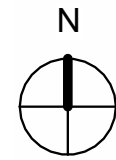


ZONING MATRIX			
ENVIRONMENTAL PROTECTION (EP)			
2571 INNISFIL BEACH ROAD INNISFIL, ON	REQUIRED	EXISTING	PROPOSED
MINIMUM LOT AREA	N/A	7.9 ha	NO CHANGE
MINIMUM LOT FRONTAGE	N/A	121.9m	NO CHANGE
MINIMUM FRONT YARD	10m	116.1m	NO CHANGE
MINIMUM INTERIOR SIDE YARD	10m	101.4m & 12.4m	NO CHANGE
MINIMUM REAR YARD	10m	523.8m	510.3m
MAXIMUM LOT COVERAGE	N/A	5.5%	5.64%
MAXIMUM BUILDING HEIGHT	N/A	5.2m	NO CHANGE

Note:
 The floodplain elevation for the area around the shop addition is 250.13m ASL.
 The flood depth will not exceed 0.8 m as per LSRCA.
 The electrical services will be raised above 250.13m ASL

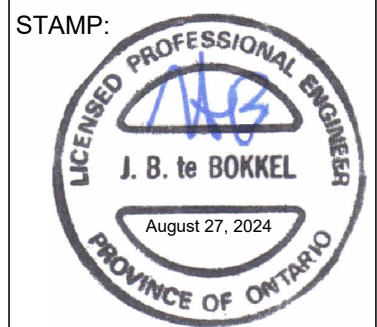
1 KEY PLAN
 SP 1" = 400'-0"

2 SITE PLAN
 SP 1" = 80'-0"



Springwater Engineering Limited
 24 Parkside Drive
 Barrie, ON L4N 1W6
 Tel (705) 721-7228

No.	Description	Date
1	Issued for Review	July 03, 2024
2	Issued for Permit	July 09, 2024
3	Site Plan Review	July 22, 2024
4	Site Plan Review	August 27, 2024



ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE COURSE OF WORK. REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF WORK

DRAWING WILL PLOT TO SCALE ON 11"x17" PAPER SIZE

CLIENT:
Martin Romar

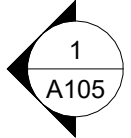
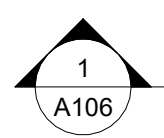
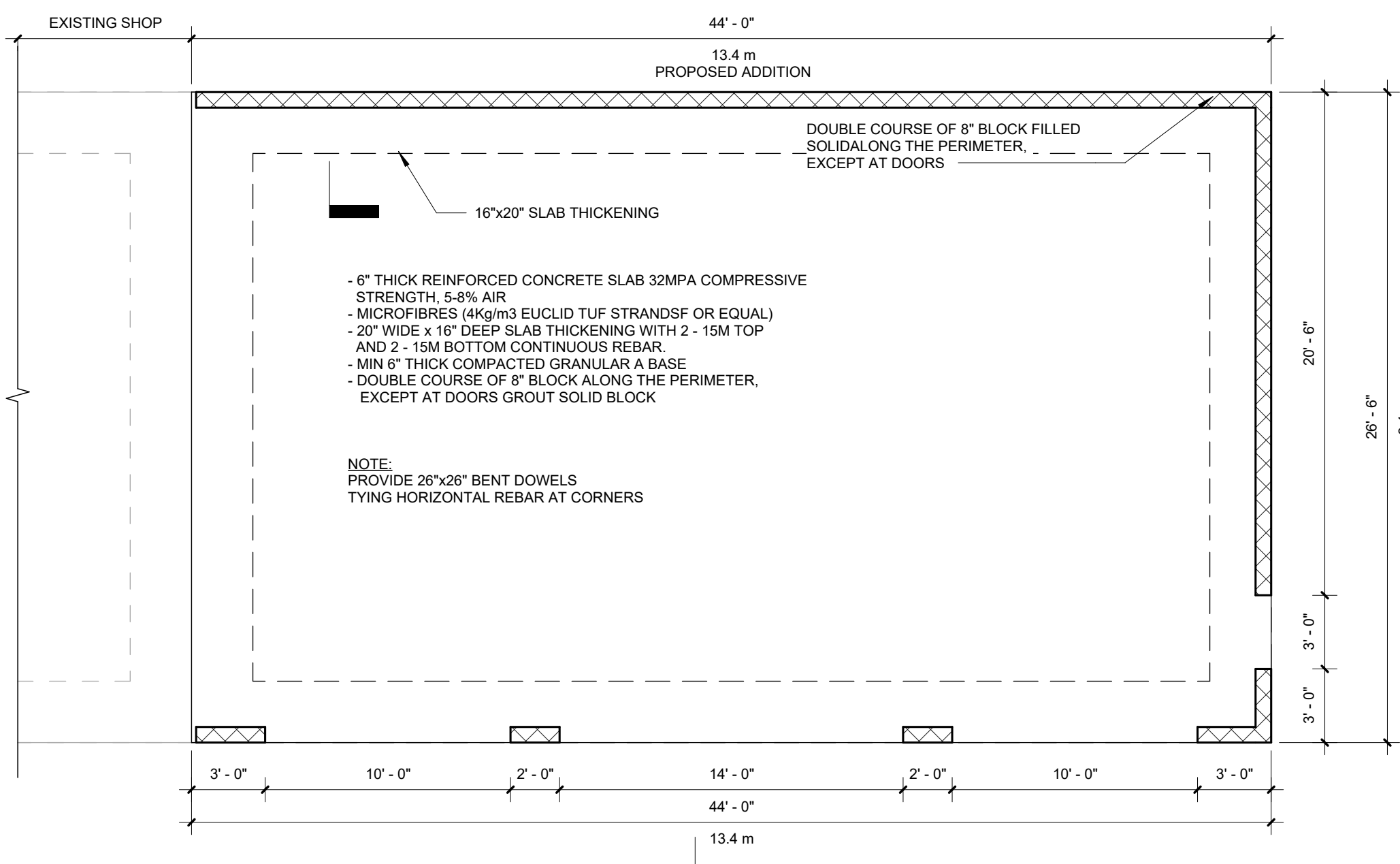
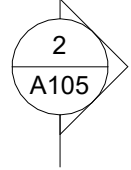
PROJECT:
 Unheated Storage Addition

DRAWING:
SITE PLAN

LOCATION:
 2571 Innisfil Beach Road
 Innisfil, ON

Project number 2629
 Date August 27, 2024
 Drawn by TV
 Scale As indicated

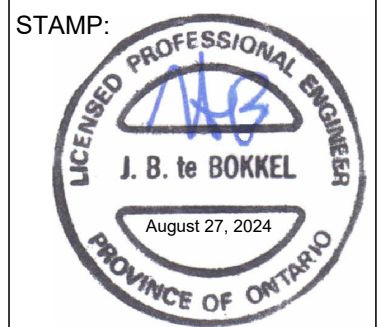
SP



1 FOUNDATION PLAN
A101 3/16" = 1'-0"



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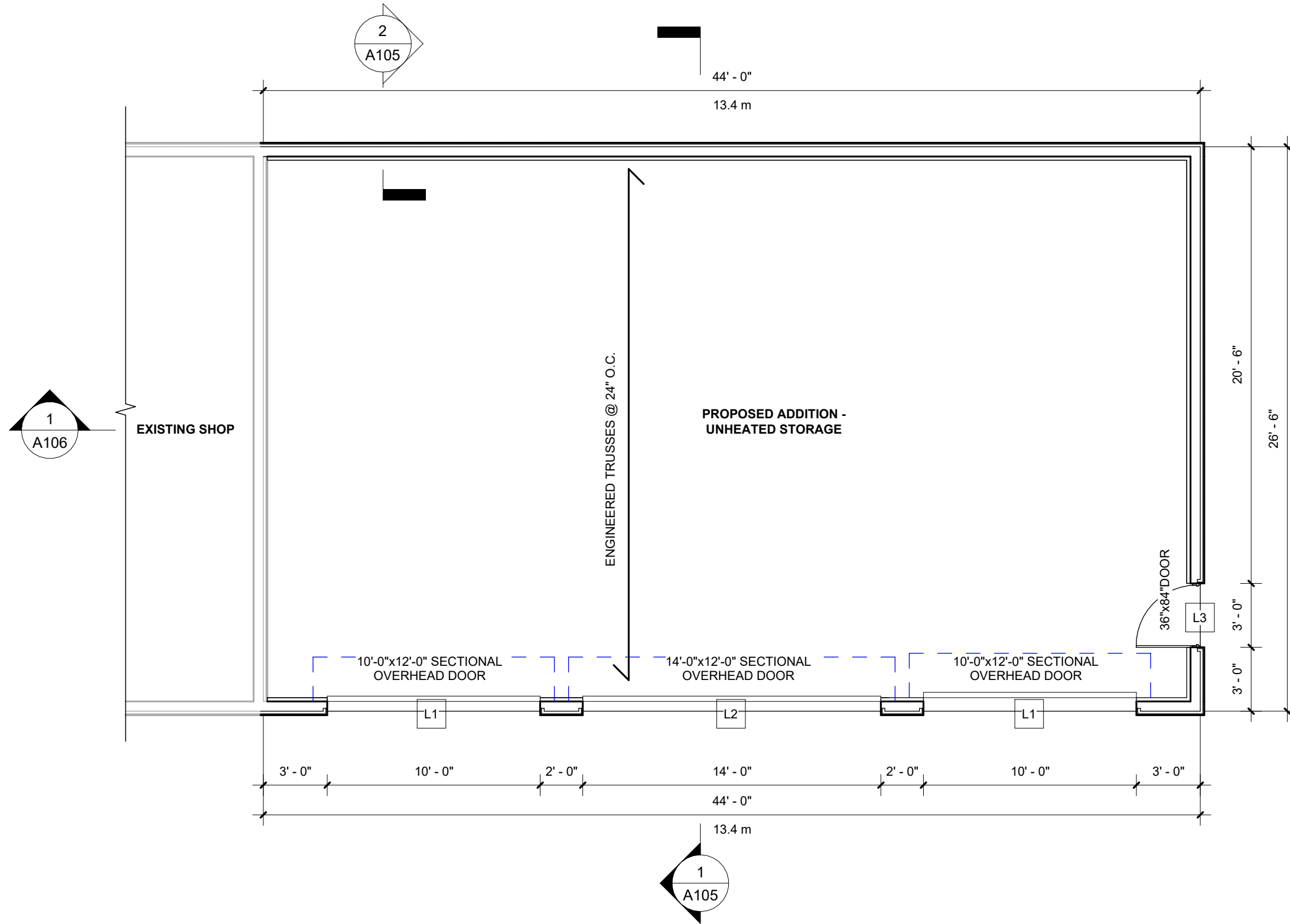
PROJECT:
Unheated Storage Addition

DRAWING:
FOUNDATION PLAN

LOCATION:
2571 Innisfil Beach Road
Innisfil, ON

Project number	2629
Date	August 27, 2024
Drawn by	TV
Scale	3/16" = 1'-0"

A101



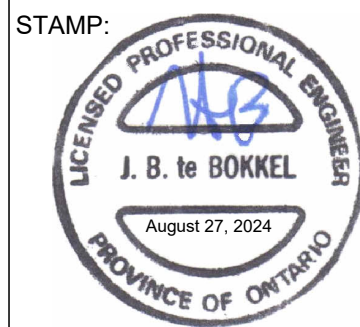
W1 - EXTERIOR WALL ASSEMBLY:
 - 29 g WALL CLADDING
 - 2x4 SPF #2 STRAPPING @ 24" O.C.
 - 2x6 WOOD STUDS @ 16" O.C.
 - 2 ROWS OF SOLID BLOCKING

- L1 10'x12' OVERHEAD DOORS LINTEL:**
 (2) 1 3/4" x 11 7/8" LVL (2.0E, 2900fb) BUILT-UP WITH TWO ROWS OF 12d x 3 1/2" NAILS.
 (3) JACKSTUDS + (1) KINGSTUD ON BOTH SIDES
 SST HH6 HEADER BRACKET EACH END
 WITH PLYWOOD FILLERS
- L2 14'x12' OVERHEAD DOORS LINTEL:**
 (3) 1 3/4" x 11 7/8" LVL (2.0E, 2900fb) BUILT-UP WITH TWO ROWS OF 12d x 3 1/2" NAILS.
 (3) JACKSTUDS + (1) KINGSTUD ON BOTH SIDES
 SST HH6 HEADER BRACKET EACH END
 WITH PLYWOOD FILLERS
- L2 36"x84" DOOR LINTEL:**
 3 PLY 2x10 BUILT-UP LINTEL
 2 JACK STUDS + 1 KING STUD EACH END

1 MAIN LEVEL PLAN
 A102 3/16" = 1'-0"

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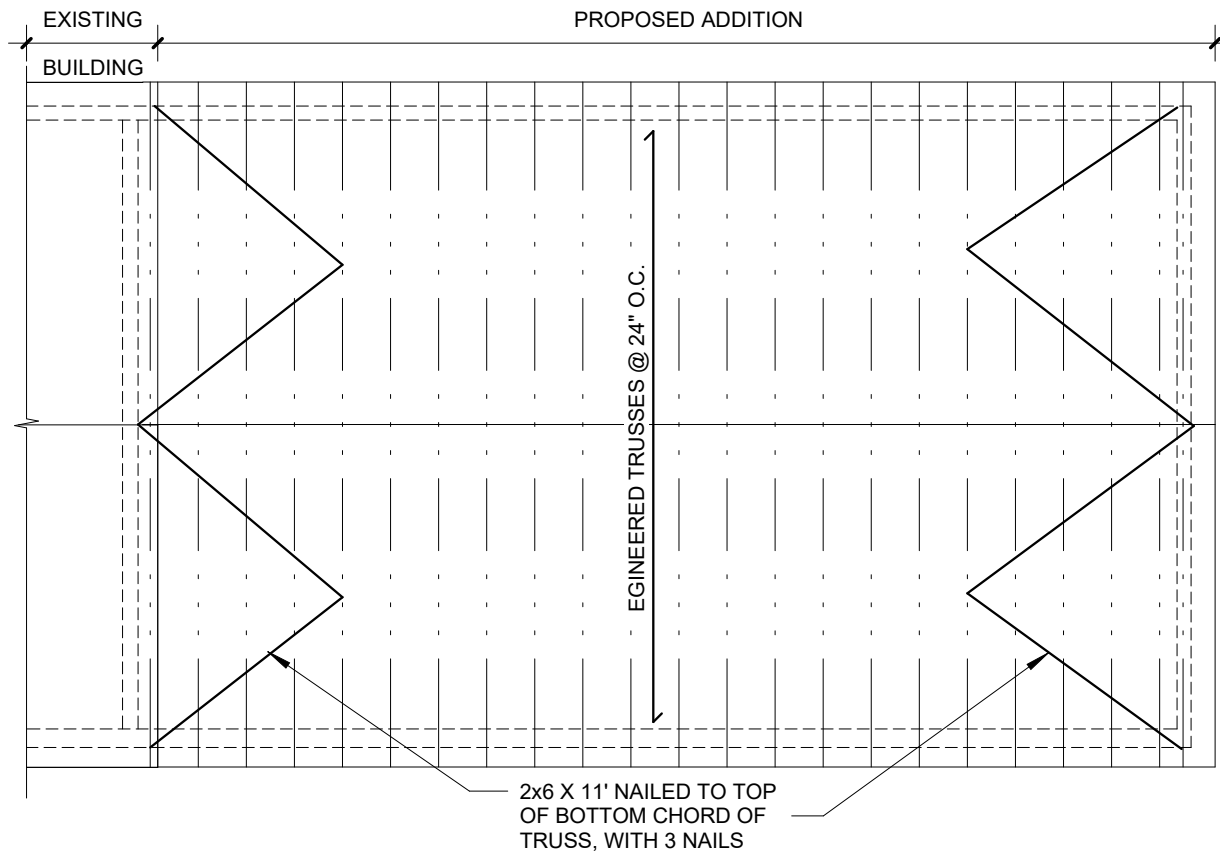
Springwater Engineering Limited
 24 Parkside Drive
 Barrie, ON L4N 1W6
 Tel (705) 721-7228



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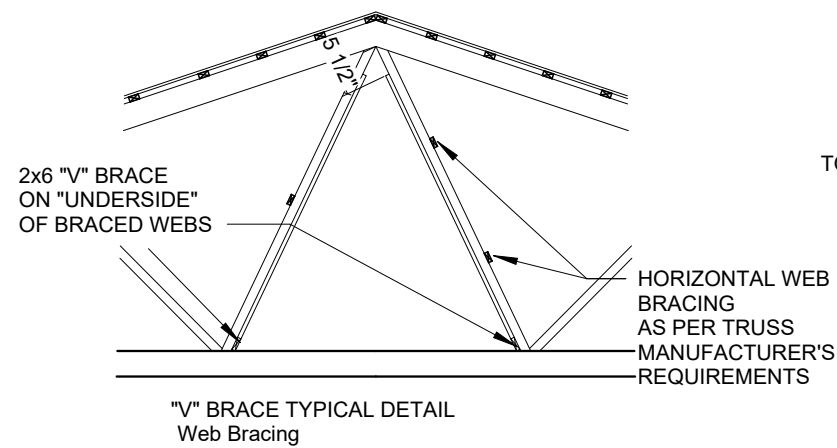
DRAWING WILL PLOT TO SCALE ON 11"x17" PAPER SIZE

CLIENT: Martin Romar	DRAWING: MAIN LEVEL PLAN	Project number 2629
PROJECT: Unheated Storage Addition	LOCATION: 2571 Innisfil Beach Road Innisfil, ON	Date August 27, 2024
		Drawn by TV
		Scale 3/16" = 1'-0"
A102		

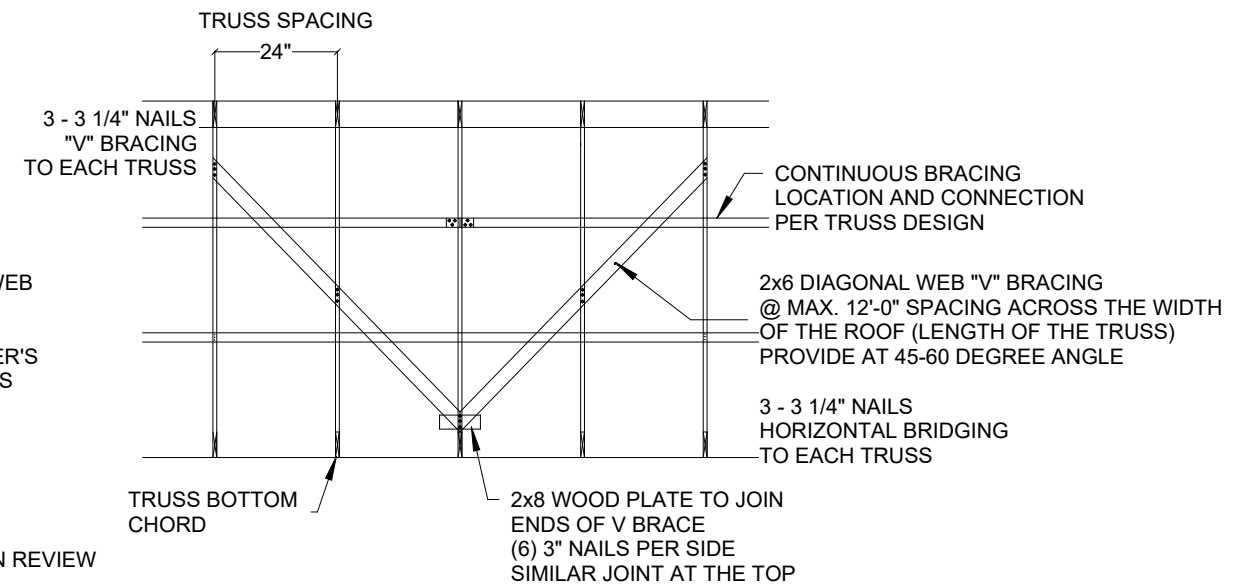


2x6 X 11' NAILED TO TOP OF BOTTOM CHORD OF TRUSS, WITH 3 NAILS

1 ROOF PLAN
A103 1/8" = 1'-0"



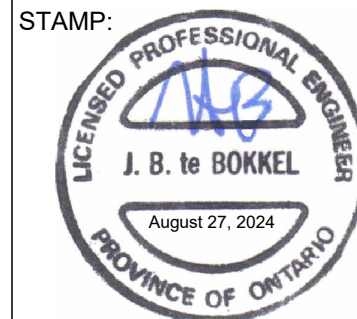
VERIFY FINAL DETAILS UPON REVIEW OF TRUSS SHOP DRAWINGS



2 WEB BRACING DETAIL
A103 N.T.S.



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Martin Romar

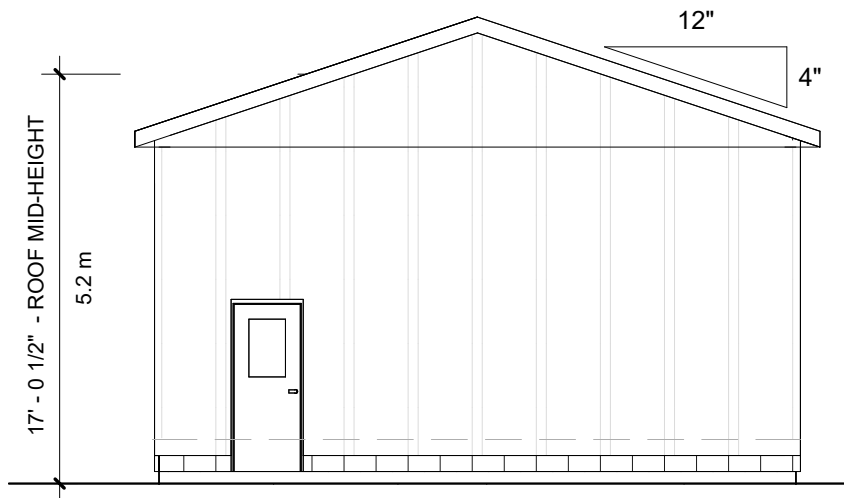
PROJECT:
Unheated Storage Addition

DRAWING:
ROOF PLAN AND WEB BRACING DETAIL

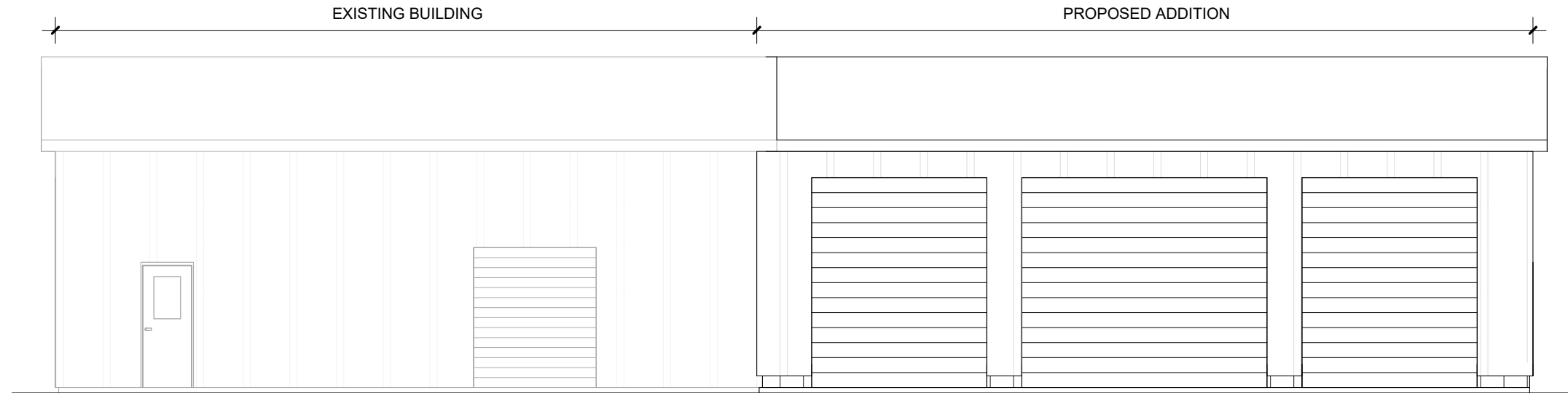
LOCATION:
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Innisfil, ON

Project number 2629
Date August 27, 2024
Drawn by TV
Scale N.T.S.

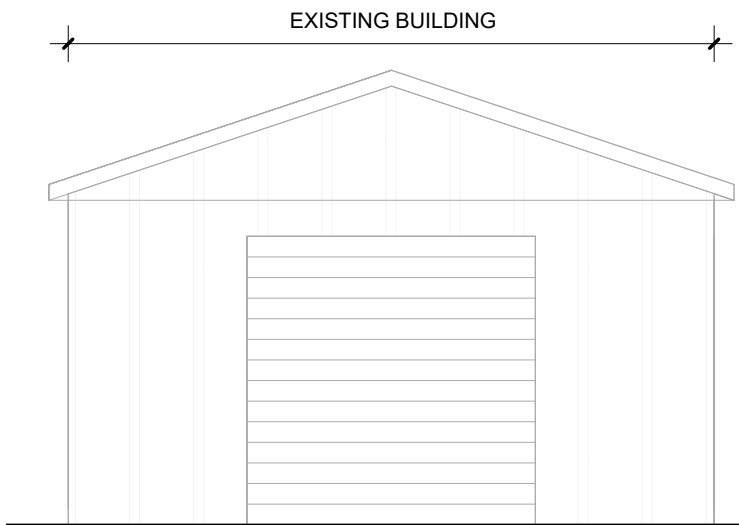
A103



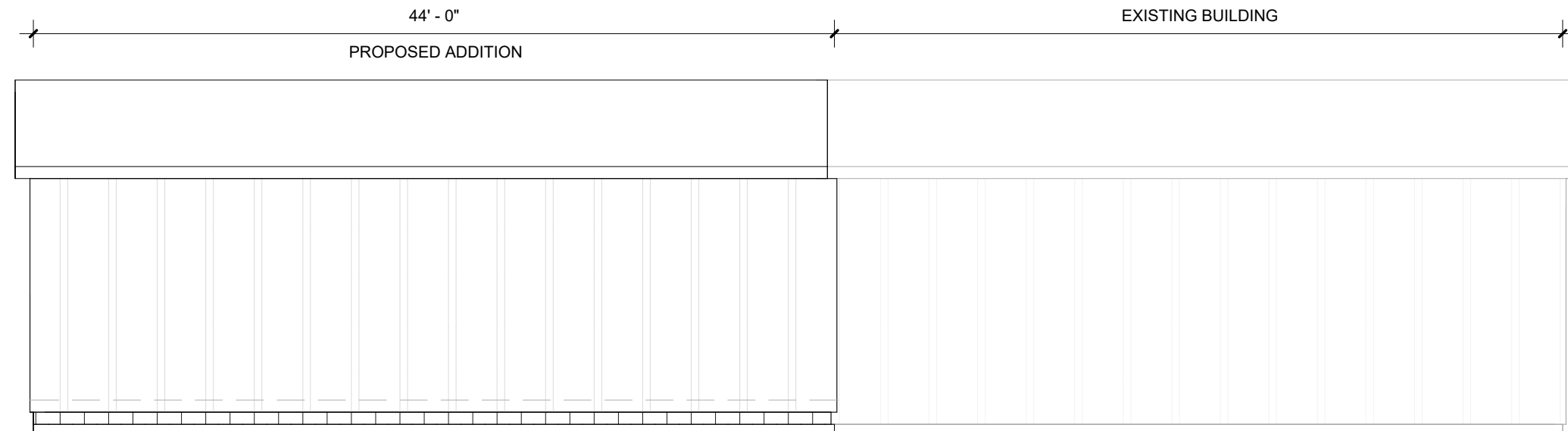
1 SOUTH ELEVATION
A104 1/8" = 1'-0"



2 WEST ELEVATION
A104 1/8" = 1'-0"



3 NORTH ELEVATION
A104 1/8" = 1'-0"

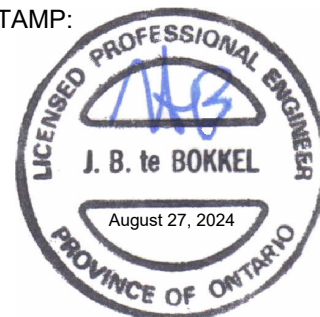


4 EAST ELEVATION
A104 1/8" = 1'-0"



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CLIENT:
Martin Romar

PROJECT:
Unheated Storage Addition

DRAWING:
ELEVATIONS

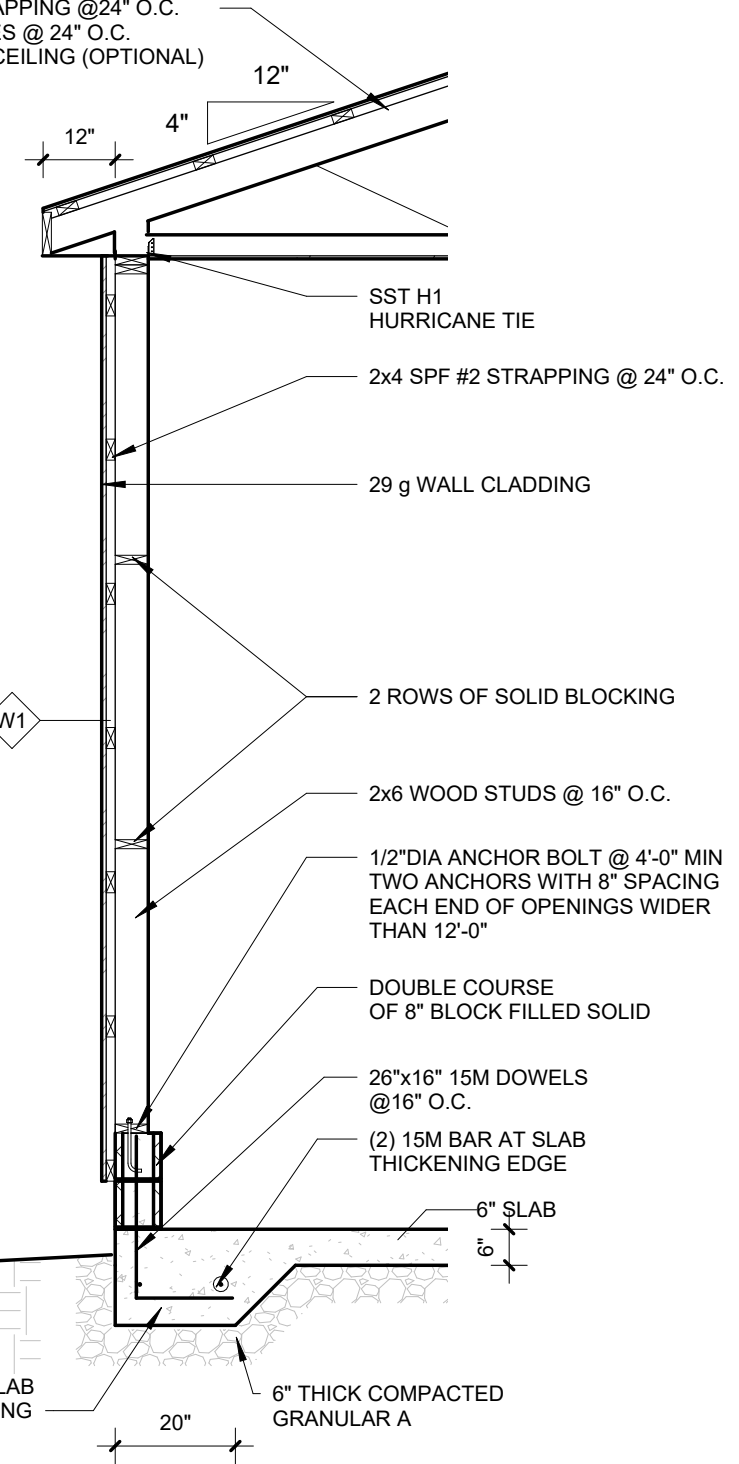
LOCATION:
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Project number	2629
Date	August 27, 2024
Drawn by	TV
Scale	1/8" = 1'-0"

A104

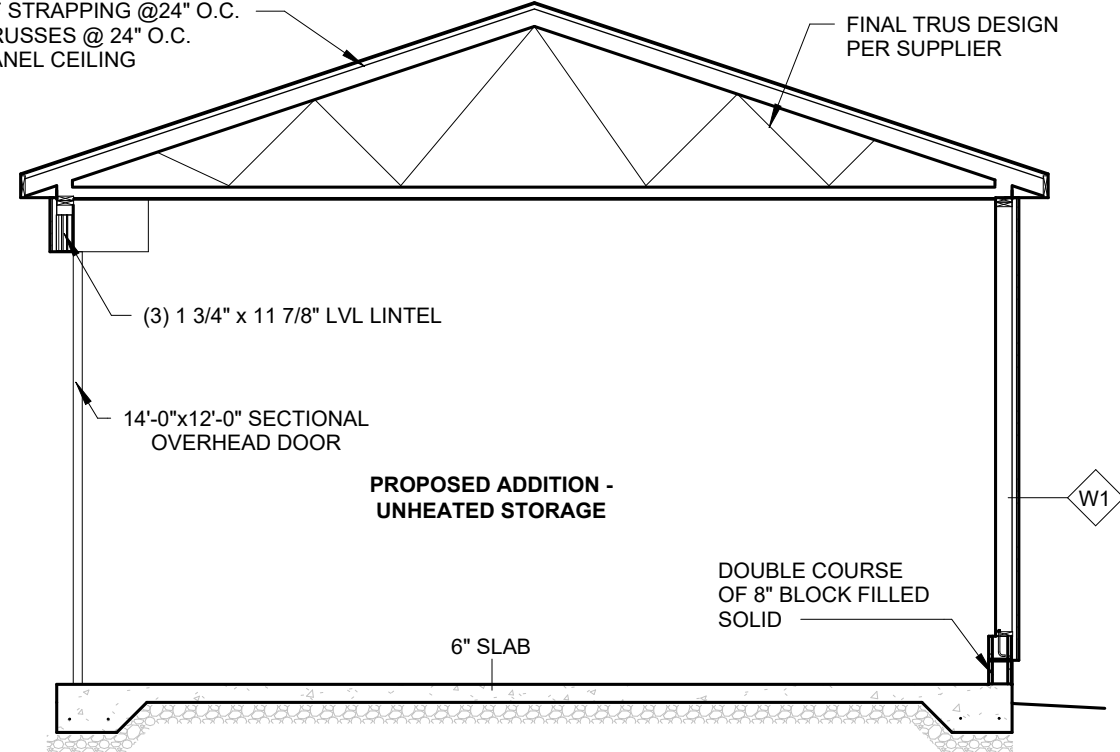
ROOF ASSEMBLY:

- 29 Ga. COLOURED STEEL
- 2x4 SPF#2 ROOF STRAPPING @24" O.C.
- ENGINEERED TRUSSES @ 24" O.C.
- METAL LINER PANEL CEILING (OPTIONAL)



ROOF ASSEMBLY:

- 29 Ga. COLOURED STEEL
- 2x4 SPF#2 ROOF STRAPPING @24" O.C.
- ENGINEERED TRUSSES @ 24" O.C.
- METAL LINER PANEL CEILING



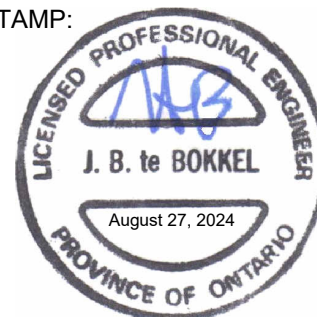
1 SECTION 1
A105 3/16" = 1'-0"

2 WALL SECTION
A105 3/8" = 1'-0"



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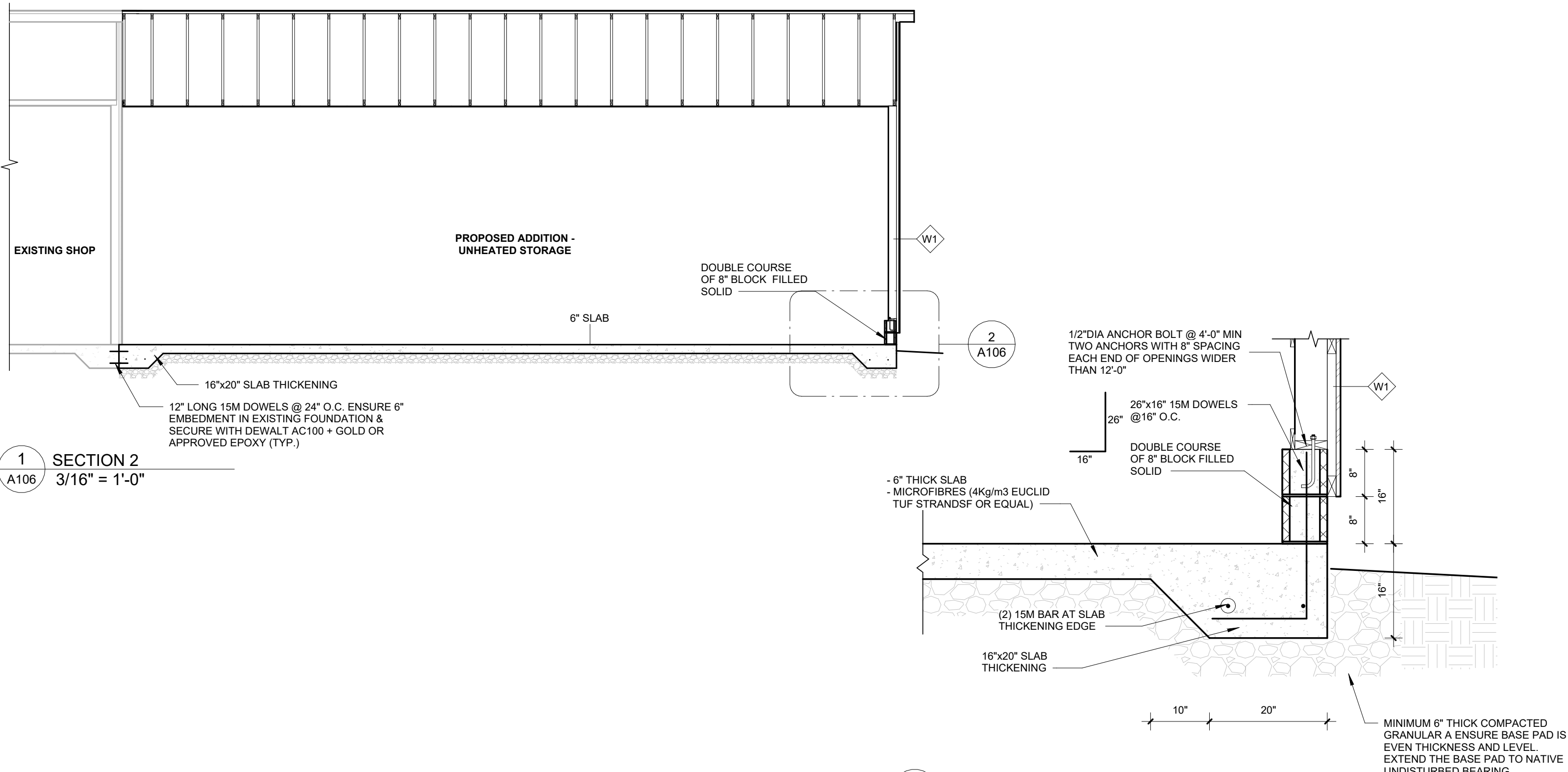
PROJECT: **Unheated Storage Addition**

DRAWING: **SECTIONS**

LOCATION: **2571 Innisfil Beach Road Innisfil, ON**

Project number: 2629
Date: August 27, 2024
Drawn by: TV
Scale: As indicated

A105

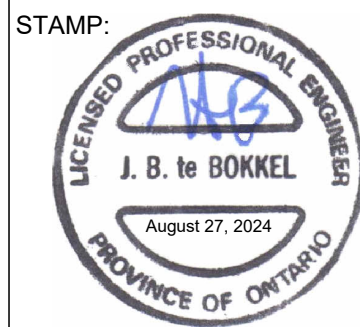


1 SECTION 2
A106 3/16" = 1'-0"

2 SLAB THICKENING DETAIL
A106 3/4" = 1'-0"

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Martin Romar

PROJECT:
Unheated Storage Addition

DRAWING:
SECTIONS

LOCATION:
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Innisfil, ON

Project number 2629
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Scale As indicated

A106

GENERAL NOTES

- THIS DRAWING SET IS THE PROPERTY OF SPRINGWATER ENGINEER AND MAY NOT BE REPRODUCED OR USED WITHOUT THE EXPRESSED WRITTEN CONSENT OF SPRINGWATER ENGINEERING.
- THESE DRAWINGS TO BE READ IN CONJUNCTION WITH CONTRACT DOCUMENTATION, DRAWINGS, GENERAL NOTES AND SPECIFICATIONS PROVIDED BY ALL THE SERVICE PROVIDERS.
- CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS AS REQUIRED TO PERFORM THE WORK. ANY DISCREPANCIES SHALL TO BE REPORTED TO SPRINGWATER ENGINEERING IMMEDIATELY TO OBTAIN CLARIFICATION PRIOR TO COMMENCING WORK.
- DESIGN LOADS ARE NOTED. THEY SHALL NOT BE EXCEEDED DURING CONSTRUCTION. UNLESS SPECIFICALLY NOTED OTHERWISE ON THE DRAWINGS, NO PROVISION HAS BEEN MADE IN THE DESIGN FOR CONDITIONS OCCURRING DURING CONSTRUCTION. THE CONTRACTOR IS TO PROVIDE ALL NECESSARY BRACING AND SHORING REQUIRED FOR STRESSES AND INSTABILITY OCCURRING FROM ANY CAUSE DURING CONSTRUCTION. IT SHALL ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL NECESSARY BRACING, SHORING, SHEET PILING OR OTHER TEMPORARY SUPPORTS TO SAFEGUARD ALL EXISTING OR ADJACENT STRUCTURES AFFECTED BY THIS WORK.
- NO SUBSTITUTIONS. CONTRACTOR AGREES TO USE ALL SPECIFIED MATERIALS WITHOUT SUBSTITUTION. NON SPECIFIED MATERIALS MUST BE APPROVED SPRINGWATER ENGINEERING PRIOR TO USE.
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR CO-ORDINATING THE VARIOUS PARTS OF THE WORK.
- TYPICAL STRUCTURAL DETAILS ARE SHOWN ON DRAWINGS. IF DETAILS DIFFER ON OTHER DRAWINGS, CONTACT THE ENGINEER OF RECORD FOR CLARIFICATION.
- ALL WORK SHALL BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE ONTARIO BUILDING CODE 2012 (OBC 2012) AND THE OCCUPATIONAL HEALTH AND SAFETY ACT.
- PROVIDE ALL ACCESSORY ITEMS OR MATERIALS, SUCH AS BRACKETS, CLEATS, UNDERLAYS, OVERLAYS, CONNECTORS, FASTENERS, COVER PLATES, SEALANTS, LUBRICANTS, CLEANERS, BONDING AGENTS, AND SIMILAR ITEMS, WHETHER SPECIFIED OR NOT, SO THAT THE WORK IS COMPLETE AND WILL PERFORM AS REQUIRED.
- CONTRACTOR SHALL CONTACT ALL LOCAL UTILITIES AND SERVICES PRIOR TO EXCAVATION AND OBTAIN PROPER LOCATES.
- OWNER/CONTRACTOR WILL BE RESPONSIBLE FOR OBTAINING BUILDING PERMITS, APPROVALS FROM LOCAL BUILDING AUTHORITIES PRIOR TO COMMENCING ANY WORK.
- ALL STANDARDS REFERRED IN THE DRAWINGS AND SPECIFICATIONS SHALL BE THE LATEST LEGALIZED VERSIONS.
- DO NOT PROCEED WITH UNCERTAINTY. CONTACT ENGINEER OF RECORD IF ANY CLARIFICATION REQUIRED.
- SPRINGWATER ENGINEERING LIMITED'S SCOPE IS LIMITED TO STRUCTURAL DESIGN OF ITEMS SPECIFIED HERE ONLY.

DESIGN LOADS:

- SNOW LOADS - CLIMATIC DATA BASED ON BARRIE, ONTARIO
 Ss = 2.5 KPA
 Sr = 0.40 KPA
 Cb = 0.55

WOOD FRAMING NOTES:

- WOOD CONSTRUCTION SHALL CONFORM TO ONTARIO BUILDING CODE 2012, PART 9 UNLESS NOTED OTHERWISE.
- LUMBER: - UNLESS OTHERWISE NOTED TO BE SPRUCE-PINE-FIR (SPF), GRADE NO.1/NO.2, CONFORMING TO CSA STANDARD 0141 WITH A MAXIMUM MOISTURE CONTENT OF 19 % AT THE TIME OF INSTALLATION. ALL LUMBER SHALL BEAR THE GRADING STAMP OF AN AGENCY APPROVED BY THE CANADIAN LUMBER STANDARDS ADMINISTRATION BOARD.
- COMPLY WITH THE REQUIREMENTS OF ONTARIO BUILDING CODE FOR SUB-FLOORING IN TABLE 9.23.14.A, ROOF SHEATHING IN TABLE 9.23.15.A, AND WALL SHEATHING IN TABLE 9.23.16.A.
- NAILS, SPIKES, AND STAPLES: - TO CSA STANDARD B111; GALVANIZED FOR EXTERIOR WORK, OR HIGHLY HUMID AREAS AND FOR TREATED LUMBER; PLAIN ELSEWHERE. NAILING OF FRAMING UNLESS OTHERWISE NOTED, SHALL CONFORM TO TABLES 9.23.3 A, B, AND 9.23.13 A IN THE ONTARIO BUILDING CODE.
- ROUGH HARDWARE: - BOLTS, NUTS, WASHERS, LAGS, PINS, SCREWS, ALL TO BE HOT DIP GALVANIZED IF EXPOSED TO EXTERIOR USE.
- WOOD PRESERVATIVES (PRESSURE TREATED): - WHERE REQUIRED TO CONFORM TO CSA STANDARD 080-M. ALL WOOD PRODUCTS BEARING ON CONCRETE OR MASONRY AT OR BELOW GRADE TO BE PRESSURE TREATED OR BE PROTECTED WITH A MINIMUM 0.05 POLYETHYLENE VAPOUR BARRIER, ROLL ROOFING, OR APPROVED EQUIVALENT.
- ALL WOOD PRODUCT EXPOSED DIRECTLY TO SOIL SHALL BE PRESSURE TREATED.
- FRAMING ANCHORS: - FRAMING ANCHORS, JOIST HANGERS, BEAM HANGERS, POST CAPS, POST ANCHORS, BACK-UP CLIPS AND ANGLES, UNLESS OTHERWISE SHOWN ON THE STRUCTURAL DRAWINGS, ARE ALL TO BE AS MANUFACTURED BY SIMPSON OR AN APPROVED EQUAL, AND SIZED APPROPRIATELY FOR THE CONNECTING MEMBERS. ALL ARE TO BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS UTILIZING NAILS OR SCREWS WHERE REQUIRED.
- SPLICES, NOTCHING, AND DRILLING THROUGH MEMBERS IS NOT PERMITTED EXCEPT AS SPECIFIED BY THESE PLANS AND/OR AS APPROVED BY THE ENGINEER.

- MANUFACTURED LUMBER OR TIMBER PRODUCTS NOT SPECIFIED HEREIN ARE TO BE APPROVED BY THE ENGINEER PRIOR TO USE. MANUFACTURED WOOD PRODUCT TO BE INSTALLED AS PER THE MANUFACTURER'S SPECIFICATIONS AND INSTRUCTIONS.
- NUMBER, SIZE, AND LOCATION OF BRACING, BLOCKING, AND BRIDGING BETWEEN LUMBER OR TIMBER STRUCTURAL ELEMENTS TO CONFORM TO THE REQUIREMENTS IN THE ONTARIO BUILDING CODE PART 9.
- MINIMUM BEARING OF WOOD JOISTS TO BE MINIMUM 1.5" (38mm).
- MINIMUM BEARING OF WOOD BEAMS TO BE MINIMUM 3" (76mm).
- MINIMUM BEARING OF WOOD ELEMENTS NOT SPECIFIED TO BE MINIMUM 3" (76mm).
- ALL MULTIPLY WOOD MEMBERS SHALL BE BUILT-UP IN ACCORDANCE WITH OBC 2012, PART 9 OR PER MANUFACTURER'S SPECIFICATIONS AND GUIDELINES.
- ALL LVL BEAMS SHALL MEET OR EXCEED 2.0E, 3100Fb.
- PROTECT LVL OVERHANG EXPOSED TO EXTERIOR WEATHER BY APPLYING A WEATHERPROOF PAINT, 6MIL POLYETHYLENE VAPOUR BARRIER AND METAL COVER WITH CAULKING.
- PROVIDE SOLID BLOCKING, SQUASH BLOCKS BELOW POINT LOADS TO ENSURE LOADS ARE PROPERLY TRANSFERRED TO SUPPORTING ELEMENTS OR FOUNDATION.

CAST-IN-PLACE CONCRETE AND REINFORCEMENT

GENERAL

- ALL CONCRETE CONSTRUCTION SHALL CONFORM TO CSA A23.1, CSA A23.2 AND CSA A23.3.
- CONCRETE QUALITY IS TO BE TESTED BY THE OWNERS' AGENCY ACCORDING TO CSA A23.2 INCLUDING STRENGTH, AIR CONTENT AND SLUMP TESTS FOR EACH CONCRETE POUR, WITH REPORTS SUBMITTED TO THE ENGINEER.
- THE CONTRACTOR SHALL NOT PROCEED WITH PLACING CONCRETE THAT FAILS TO MEET THE SPECIFIED SLUMP OR AIR CONTENT REQUIREMENTS OR EXCEEDS 2 HOURS AFTER BATCHING.

PRODUCTS

- PORTLAND CEMENT, WATER AND AGGREGATES SHALL CONFORM TO CSA A23.1 AND SHALL HAVE THE FOLLOWING PROPERTIES:
- NOMINAL MAXIMUM COARSE AGGREGATE SIZE - 1/2".
- REINFORCING STEEL SHALL BE DEFORMED BARS CONFORMING TO CSA G30.18 - GRADE 400 MPA UNLESS NOTED OTHERWISE.
- WELDED WIRE FABRIC TO CONFORM TO CSA G30.5.
- REINFORCING STEEL SHALL BE DETAILED, BENT, PLACED AND SUPPORTED IN CONFORMANCE WITH CSA A23.3, ACI STANDARD 315 AND THE REINFORCING STEEL - MANUAL OF STANDARD PRACTICE PUBLISHED BY THE REINFORCING STEEL INSTITUTE OF CANADA.
- CONCRETE MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE AS FOLLOWS:
 - EXTERIOR SLABS ON GRADE, FLATWORK 32 MPA WITH 5-8% AIR ENTRAINMENT

EXECUTION

- UNLESS NOTED OTHERWISE CONCRETE COVER FOR REINFORCEMENT SHALL MEET THE FOLLOWING REQUIREMENTS:
 - WHEN CAST AGAINST EARTH 75MM (3")
- PROVIDE CORNER BARS AND HOOKED DOWELS (26"x26") AT CORNERS.
- ADD FLOOR HARDENERS, WATERPROOFING AGENTS IF REQUIRED PER OWNER'S PREFERENCE.

FOUNDATIONS / BACKFILLING AND COMPACTION

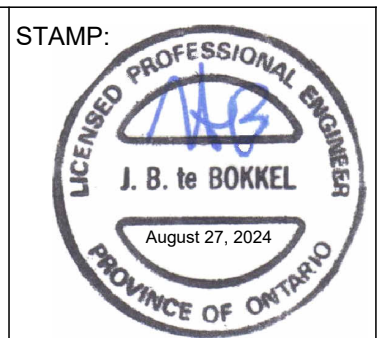
GENERAL

- ALL FOOTINGS TO BEAR ON COMPACTED GRANULAR ON UNDISTURBED SOIL WITH MINIMUM ALLOWABLE SOIL BEARING CAPACITY OF 75KPA.

EXECUTION

- REMOVE TOPSOIL AND OTHER ORGANIC MATERIAL FROM THE BUILDING AREA.
- PROTECT EXCAVATED SURFACE FROM WATER OR FROST DAMAGE, WHERE APPLICABLE.
- KEEP EXCAVATIONS CONTINUOUSLY DRY BEFORE CONCRETE IS PLACED.
- UNLESS OTHERWISE NOTED, PROVIDE IMMEDIATELY UNDER SLABS-ON-GRADE A MINIMUM OF 150MM (6 ") OF COMPACTED GRANULAR A MATERIAL.
- PROVIDE POSITIVE DRAINAGE FOR ALL EXTERIOR SURFACES, AND INTERIOR SURFACES PROVIDED WITH DRAINS, WITH CONSTANT SLOPES TO DRAINS OR DRAINAGE COURSES, AND AWAY FROM CONSTRUCTION.
- PROVIDE PERIMETER DRAINING TILE WHERE SURROUNDING SOIL IS NOT FREE DRAINING.

No.	Description	Date
1	Issued for Review	July 03, 2024
2	Issued for Permit	July 09, 2024
3	Site Plan Review	July 22, 2024
4	Site Plan Review	August 27, 2024



ALL DIMENSIONS SHALL BE VERIFIED BY THE CONTRACTOR IN THE COURSE OF WORK. REPORT ANY DISCREPANCIES OR OMISSIONS PRIOR TO COMMENCEMENT OF WORK

DRAWING WILL PLOT TO SCALE ON 11"x17" PAPER SIZE

CLIENT: **Martin Romar**

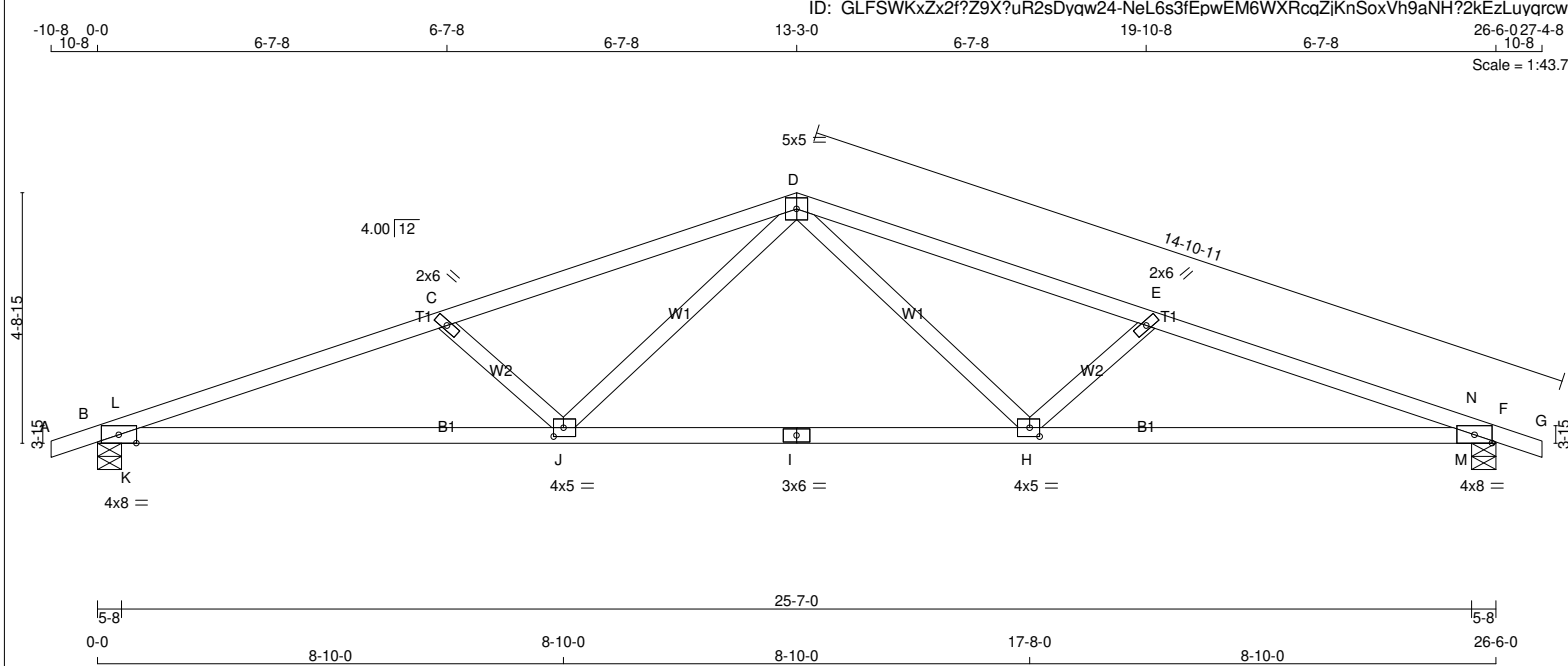
PROJECT: **Unheated Storage Addition**

DRAWING: **NOTES**

LOCATION: **2571 Innisfil Beach Road Innisfil, ON**

Project number 2629
 Date August 27, 2024
 Drawn by TV
 Scale

A107



TOTAL WEIGHT = 22 X 85 = 1872 lb

LUMBER

N. L. G. A. RULES

CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY 1650F 1.5E	SPF
D - G	2x4	DRY 1650F 1.5E	SPF
B - I	2x4	DRY No.2	SPF
I - F	2x4	DRY No.2	SPF
ALL WEBS	2x4	DRY No.2	SPF
DRY: SEASONED LUMBER.			

PLATES (table is in inches)

JT TYPE	PLATES	W	LEN	Y	X
B	TMB1-I	MT20	4.0	8.0	Edge
C	TMW+w	MT20	2.0	6.0	
D	TTWW-p	MT20	5.0	5.0	
E	TMW+w	MT20	2.0	6.0	
F	TMB1-I	MT20	4.0	8.0	Edge
H	BMWW-t	MT20	4.0	5.0	2.00 2.25
I	BS-t	MT20	3.0	6.0	
J	BMWW-t	MT20	4.0	5.0	2.00 2.25

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION		INPUT BRG	REQRD BRG
	VERT	HORZ	DOWN	HORZ		
B	2054	0	2054	0	5-8	2-4
F	2054	0	2054	0	5-8	2-4

UNFACTORED REACTIONS

JT	COMBINED	MAX./MIN. COMPONENT REACTIONS				WIND	DEAD	SOIL
		1ST LCASE	SNOW	LIVE	PERM.LIVE			
B	1433	1051 / 0	0 / 0	0 / 0	0 / 0	382 / 0	0 / 0	
F	1433	1051 / 0	0 / 0	0 / 0	0 / 0	382 / 0	0 / 0	

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) B, F

BRACING
 TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.11 FT.
 MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING
 TOTAL LOAD CASES: (4)

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX LC1 (CSI (LC))	MAX. UNBRAC LENGTH	MEMB.	MAX. FACTORED FORCE (LBS)	MAX LC1 (CSI (LC))
FR-TO		FROM TO			FR-TO		
A-B	0 / 17	-126.2 -126.2	0.06 (1)	10.00	D-H	0 / 1314	0.21 (1)
B-L	-4859 / 0	-126.2 -126.2	0.11 (4)	3.69	H-E	-1044 / 0	0.16 (1)
L-C	-4758 / 0	-126.2 -126.2	0.70 (1)	3.11	J-D	0 / 1314	0.21 (1)
C-D	-4032 / 0	-126.2 -126.2	0.72 (1)	3.33	C-J	-1044 / 0	0.16 (1)
D-E	-4032 / 0	-126.2 -126.2	0.72 (1)	3.33	K-L	-108 / 139	0.00 (1)
E-N	-4758 / 0	-126.2 -126.2	0.70 (1)	3.11	M-N	-108 / 139	0.00 (1)
N-F	-4859 / 0	-126.2 -126.2	0.11 (4)	3.69			
F-G	0 / 17	-126.2 -126.2	0.06 (1)	10.00			
B-K	0 / 4543	-20.0 -20.0	0.87 (1)	10.00			
K-J	0 / 4543	-20.0 -20.0	0.97 (1)	10.00			
J-I	0 / 2874	-20.0 -20.0	0.64 (1)	10.00			
I-H	0 / 2874	-20.0 -20.0	0.64 (1)	10.00			
H-M	0 / 4543	-20.0 -20.0	0.97 (1)	10.00			
M-F	0 / 4543	-20.0 -20.0	0.87 (1)	10.00			

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH.	LL	DL	PSF
		37.1	PSF
BOT CH.	LL	DL	PSF
		8.0	PSF
		8.0	PSF
TOTAL LOAD		51.1	PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
 - PART 9 OF BCBC 2018, NBC-2019AE
 - PART 9 OF OBC 2012 (2019 AMENDMENT)
 - CSA 086-14
 - TPIC 2014

(55% OF 52.2 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 37.1 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.88")
 CALCULATED VERT. DEFL.(LL) = L/ 999 (0.28")
 ALLOWABLE DEFL.(TL)= L/360 (0.88")
 CALCULATED VERT. DEFL.(TL) = L/ 607 (0.52")

CSI: TC=0.72/1.00 (C-D:1), BC=0.97/1.00 (J-K:1), WB=0.21/1.00 (D-J:1), SSI=0.38/1.00 (C-D:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
 COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

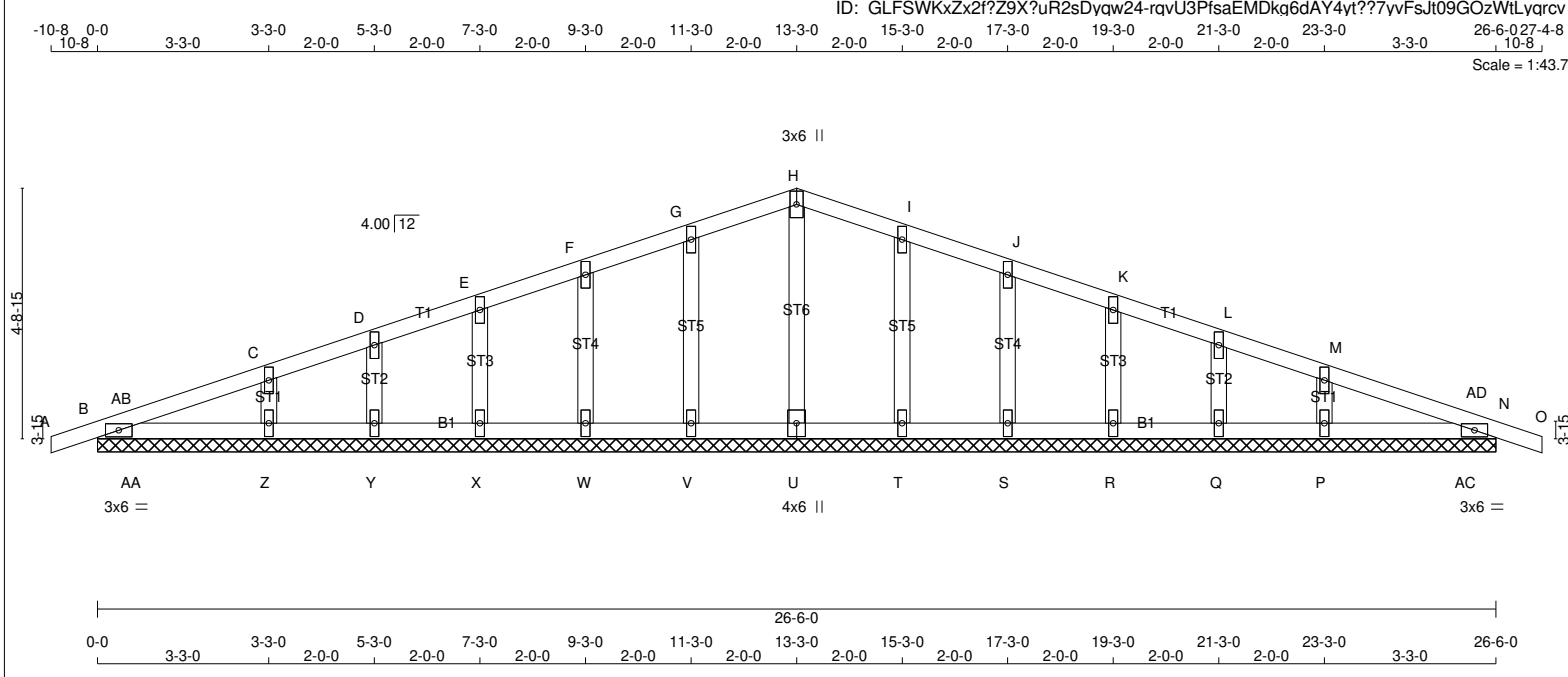
NAIL VALUES

PLATE	GRIP(DRY)	SHEAR (PSI)	SECTION (PLI)
MT20	650	371	1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.90 (D) (INPUT = 0.90)
 JSI METAL= 0.97 (I) (INPUT = 1.00)



TOTAL WEIGHT = 94 lb [M]

LUMBER

N. L. G. A. RULES

CHORDS	SIZE	LUMBER	DESCR.
A - H	2x4	DRY No.2	SPF
H - O	2x4	DRY No.2	SPF
B - U	2x4	DRY No.2	SPF
U - N	2x4	DRY No.2	SPF
ALL WEBS	2x4	DRY No.2	SPF
ALL GABLE WEBS	2x4	DRY No.2	SPF

DRY: SEASONED LUMBER.

GABLE STUDS SPACED AT 2-0-0 OC.

PLATES (table is in inches)

JT TYPE	PLATES	W	LEN	Y	X
B	TMB1-l	MT20	3.0	6.0	
C, D, E, F, G, I, J, K, L, M	TMW+w	MT20	2.0	6.0	
H	TTW+p	MT20	3.0	6.0	
N	TMB1-l	MT20	3.0	6.0	
P, Q, R, S, T, V, W, X, Y, Z	BMW1+w	MT20	2.0	6.0	
U	BSW1+l	MT20	4.0	6.0	

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

THIS TRUSS DESIGNED FOR CONTINUOUS BEARINGS.

THIS TRUSS REQUIRES RIGID SHEATHING ON EXPOSED FACE.

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S)

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 6.25 FT.

MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

MEMB.	CHORDS				WEBS			
	MAX. FORCE (LBS)	FACTORED VERT. LOAD (PLF)	LC1 MAX (LC)	UNBRAC LENGTH	MEMB. FORCE (LBS)	FACTORED MAX (LC)	UNBRAC LENGTH	MEMB. FORCE (LBS)
FR-TO		FROM	TO		FR-TO			
A-B	0 / 17	-126.2	-126.2	0.08 (1)	10.00	U-H	-203 / 0	0.05 (1)
B-AB	-50 / 0	-126.2	-126.2	0.03 (4)	6.25	V-G	-288 / 0	0.05 (1)
AB-C	-26 / 0	-126.2	-126.2	0.13 (1)	6.25	W-F	-240 / 0	0.03 (1)
C-D	-34 / 0	-126.2	-126.2	0.13 (1)	6.25	X-E	-263 / 0	0.03 (1)
D-E	-15 / 0	-126.2	-126.2	0.06 (1)	6.25	Y-D	-210 / 0	0.02 (1)
E-F	-14 / 0	-126.2	-126.2	0.06 (1)	6.25	Z-C	-360 / 0	0.04 (1)
F-G	-6 / 0	-126.2	-126.2	0.07 (1)	10.00	T-I	-288 / 0	0.05 (1)
G-H	-13 / 0	-126.2	-126.2	0.07 (1)	6.25	S-J	-240 / 0	0.03 (1)
H-I	-13 / 0	-126.2	-126.2	0.07 (1)	6.25	R-K	-263 / 0	0.03 (1)
I-J	-6 / 0	-126.2	-126.2	0.07 (1)	10.00	Q-L	-210 / 0	0.02 (1)
J-K	-14 / 0	-126.2	-126.2	0.06 (1)	6.25	P-M	-360 / 0	0.04 (1)
K-L	-15 / 0	-126.2	-126.2	0.06 (1)	6.25	AA-AB	-131 / 6	0.00 (1)
L-M	-34 / 0	-126.2	-126.2	0.13 (1)	6.25	AC-AD	-131 / 6	0.00 (1)
M-AD	-26 / 0	-126.2	-126.2	0.13 (1)	6.25			
AD-N	-50 / 0	-126.2	-126.2	0.03 (4)	6.25			
N-O	0 / 17	-126.2	-126.2	0.08 (1)	10.00			
B-AA	0 / 38	-20.0	-20.0	0.10 (1)	10.00			
AA-Z	0 / 38	-20.0	-20.0	0.10 (1)	10.00			
Z-Y	0 / 22	-20.0	-20.0	0.06 (1)	10.00			
Y-X	0 / 17	-20.0	-20.0	0.02 (4)	10.00			
X-W	0 / 12	-20.0	-20.0	0.02 (4)	10.00			
W-V	0 / 8	-20.0	-20.0	0.02 (4)	10.00			
V-U	0 / 5	-20.0	-20.0	0.02 (4)	10.00			
U-T	0 / 5	-20.0	-20.0	0.02 (4)	10.00			
T-S	0 / 8	-20.0	-20.0	0.02 (4)	10.00			
S-R	0 / 12	-20.0	-20.0	0.02 (4)	10.00			
R-Q	0 / 17	-20.0	-20.0	0.02 (4)	10.00			
Q-P	0 / 22	-20.0	-20.0	0.06 (1)	10.00			
P-AC	0 / 38	-20.0	-20.0	0.10 (1)	10.00			
AC-N	0 / 38	-20.0	-20.0	0.10 (1)	10.00			

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH. LL = 37.1 PSF
DL = 6.0 PSF

BOT CH. LL = 0.0 PSF
DL = 8.0 PSF

TOTAL LOAD = 51.1 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55% OF 52.2 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 37.1 P.S.F. SPECIFIED ROOF LIVE LOAD

CSI: TC=0.13/1.00 (C-AB:1), BC=0.10/1.00 (Z-AA:1), WB=0.05/1.00 (I-T:1), SSI=0.15/1.00 (C-AB:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE	GRIP (DRY)	SHEAR (PSI)	SECTION (PLI)
MT20	650	371	1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.50 (H) (INPUT = 0.90)
JSI METAL= 0.11 (M) (INPUT = 1.00)