

Cloudpermit application number CA-3523001-P-2024-86							
Applicant, Property owner, Payer							
Last name Nadvornik		First name Milosh		Corporation	or partnership		
Street address 504 Arkell Road		Unit number		Lot / Con.			
Municipality Puslinch		Postal code NOB 2J0		Province Ontario			
Other phone			Mobile phone				
Fax		Email					
Subject Land Information							
Address	Legal	description			Roll number		
504 ARKELL ROAD (Primary)	AD (Primary) PLAN 131 CON 9 EOBL PT LOT 5;RP 61R6567 PARTS 1 & 2 2301000008109500000						
Sworn Declaration of Applicant							
Complete in the presence of a Com	missione	er for taking affidavits					
I, Milosh Nadvornik, solemnly declare that the information required under Schedule 1 to Ontario Regulation 545/06 and provided by the Applicant is accurate and that the information contained in the documents that accompany this application is accurate, and I make this solemn declaration conscientiously believing it to be true, and knowing that it is of the same force and effect as if made under oath and by virtue of the Canada Evidence Act.							
Signature of Applicant (sign in the p	resence	of a Commissioner fo	r taking affidavits)				
Signature of Commissioner for taking affidavits Day, month, year Township of Phslinch 23/December/2024							
Place an imprint of your stamp belo	w						
		Monika Alyse Famcomb Province of Ontario, for Township of Puslinch. Expires February 14, 20		ı			

Affidavit and signatures

Applicant

The Milosh Nadvornik, Applicant is required to agree to erect and maintain a sign on the subject lands and to permit Township employees/representatives to enter the lands for site visits. The sign will be provided to the applicant for posting on the property by Township planning staff along with instructions on how and where to post the sign. The sign must be posted at least 10 days prior to the Committee of Adjustment meeting date for the application and must remain on the property until the 20 day appeal period is expired.

Notice with respect to collection of personal information

Personal information on this form is collected under the authority of the Planning Act. The information is used for the purpose of processing this application and administering the legislation and is maintained in accordance with the Municipal Freedom of Information and Protection of Privacy Act. Questions regarding the collection of this information may be directed to the Township Clerk's office.

The Township of Puslinch is committed to providing accessible formats and communication supports for people with a disability. If another format would work better for you, please contact the Township Clerk's office for assistance.

Signature

Date

DEC 23/2024

Milosh Nadvornik

Send correspondence to							
Send correspondence to							
Owner(s) Agent Others							
Who to send the Invoice to							
Owner Agent	Ľ	Other					
Provide a description of the "entire" property							
Concession		Lot		-	d Plan Number		
CON 9		LOT 5		RP 61R65	67 PARTS 1 & 2		
Area in Hectares		Area in Acres		Depth in I	Vieters		
.728		1.80		Average 1	199.27		
Depth in Feet	Frontage	in Meters	Frontage in Feet		Width of road allowance (if		
Average 653.8	36.574		120		known)		
Reason for Application							
Please indicate the Section of th	e Planning	Act under which this a	pplication is being mad	de			
Section 45(1) relates to a ch	ange to a b	y-law standard (e.g. s	etbacks, frontage, heig	jht, etc.)			
Section 45(2) relates to a ch	ange to or	expansion of an existi	ng legal non- conformi	ng use			
What is the nature and extent of for?	the relief th	nat is being applied	Why is it not possible to comply with the provisions of the by- law?				
We require a larger shop and neithan the 200m2 allowed on the p		ional 50m2 more	Need the additional v	work and st	orage space.		
What is the current Official Plan	and zonin	g status?					
Official Plan Designation AGRICULTURAL			Zoning Designation RESIDENTIAL/ AGRIC	CULTURAL			
What is the access to the subject	t property?	•					
Provincial Highway	Seasonally] maintained municipal road						
Other [ually maintained road						
What is the name of the road or the subject property? ARKELL ROAD	street that	provides access to	docking facilities use	ed or to be	e describe the parking and used and the approximate the subject land to the nearest		

Existing and Proposed Service							
Indicate the applicable water supply and	sewage disposal:						
Private Well			Existing	Proposed			
Communal Water	Communal Water			Proposed			
Provincial Water Taking Permit			Existing	Proposed			
Private Septic			Existing	Proposed			
Communal Septic			Existing	Proposed			
Other Provincial Waste Water System		Existing	Proposed				
How is storm drainage provided? * Image: Storm Sewers Ditches Image: Other means							
Existing Subject and Abutting Property La	nd Uses, Buildings and	their Locations					
What is the existing use of the subject prop RESIDENTIAL	erty?	What is the existi RESIDENTIAL	is the existing use of the abutting properties? DENTIAL				
Provide the following details for all existin	g buildings on the sub	ject land					
Main Building Height in Meters 4.27	Main Building Height 14	in Feet	Percentage Lot C 3	overage in Meters			
Percentage Lot Coverage in Feet 3	Number of Parking S 12	paces	Number of Loadin	ng Spaces			
Number of Floors	Total Floor Area in So 217.37	quare Meters	Total Floor Area in Square Feet 2340				
Ground Floor Area (Exclude Basement) in S 217.37	quare Meters	Ground Floor Area (Exclude Basement) in Square Fee 2340					
Provide the following details for all buildin	gs proposed for the su	ubject land					
Main Building Height in Meters 4.877	Main Building Height 16	in Feet	Feet Percentage Lot Coverage in Meters 2.3				
Percentage Lot Coverage in Feet 2.3	Number of Parking S 2	paces	Number of Loadi 1	ng Spaces			
Number of Floors 1	Total Floor Area in So 167.2	quare Meters	Total Floor Area i 1800	n Square Feet			
Ground Floor Area (Exclude Basement) in S 167.2	Square Meters	Ground Floor Are 1800	ea (Exclude Basement) in Square Fee				

What is the location of all buildings existing and proposed for the subject property? (specify distances from front, rear and side lot lines)							
Front Yard in Meters 38.4	Front Yard in Feet 126		Rear Yard in Meters 53.7				
Rear Yard in Feet 176.3	Side Yard (interior) ir 7.4	n Meters	Side Yard (interior) in Feet 24.3				
Side Yard (Exterior) in Meters 8.85		Side Yard (Exterior) in Feet 29.5					
What are the dates of acquisition and construction of subject property and building property							
Date of acquisition of subject property JULY 31 1997Date of construction property MARCH 31 1994		h of buildings Continued on the subject propert SINCE PURCHASE					
Has the owner previously applied for relief in respect of the subject property?							
Yes No							
Other Related Planning Applications							
Planning Application: Official Plan Amendme	ent	Planning Application: Zoning By-Law Amendment					
🗌 Yes 🖌 No		🗌 Yes 🛃 No					
Planning Application: Plan of Subdivision		Planning Application: Consent (Severance)					
🗌 Yes 🖌 No		Yes 🖌 No					
Planning Application: Site Plan		Planning Application:	Minor Variance				
🗌 Yes 🗹 No		🗌 Yes 🗹 No					
Minor Variance Application must be comm	issioned						

Please confirm the following

I understand that prior to the Minor Variance Application being deemed complete it must be commissioned by all registered owners or the agent responsible for the application.

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DIAN OF CUDUEV		SCHE	DULE		I REQUIRE THIS PLAN TO	PLAN: 61R-6567	
PLAN OF SURVEY	PART	LOCATION	INST.	AREA Acres	BE DEPOSITED UNDER THE REGISTRY ACT.		
OF PART OF LOT 5, East of THE BLIND LINE	1	Pt LOT 5 East of THE BLIND LINE	720090, 720089, 715227	1.754		RECEIVED AND DEPOSITED	
REGISTERED PLAN 131	2	REG'D PLAN 131 TWP OF PUSLINCH	715227	0.047	DATE: SEPTEMBER 8, 1994	DATE: Sept. 8/94	

TOWNSHIP OF PUSLINCH COUNTY OF WELLINGTON

SCALE: 1 INCH = 50 FEETL. VAN HARTEN, O.L.S. - 1994

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

- THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH 1. THE SURVEYS ACT AND THE REGISTRY ACT AND THE REGULATIONS MADE THEREUNDER.
- 2. THE SURVEY WAS COMPLETED ON THE 27th DAY OF AUGUST, 1994

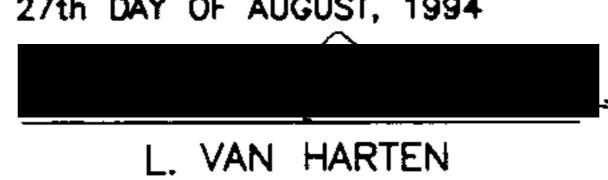
DATE: SEPTEMBER 8, 1994

- 33 Hoosi

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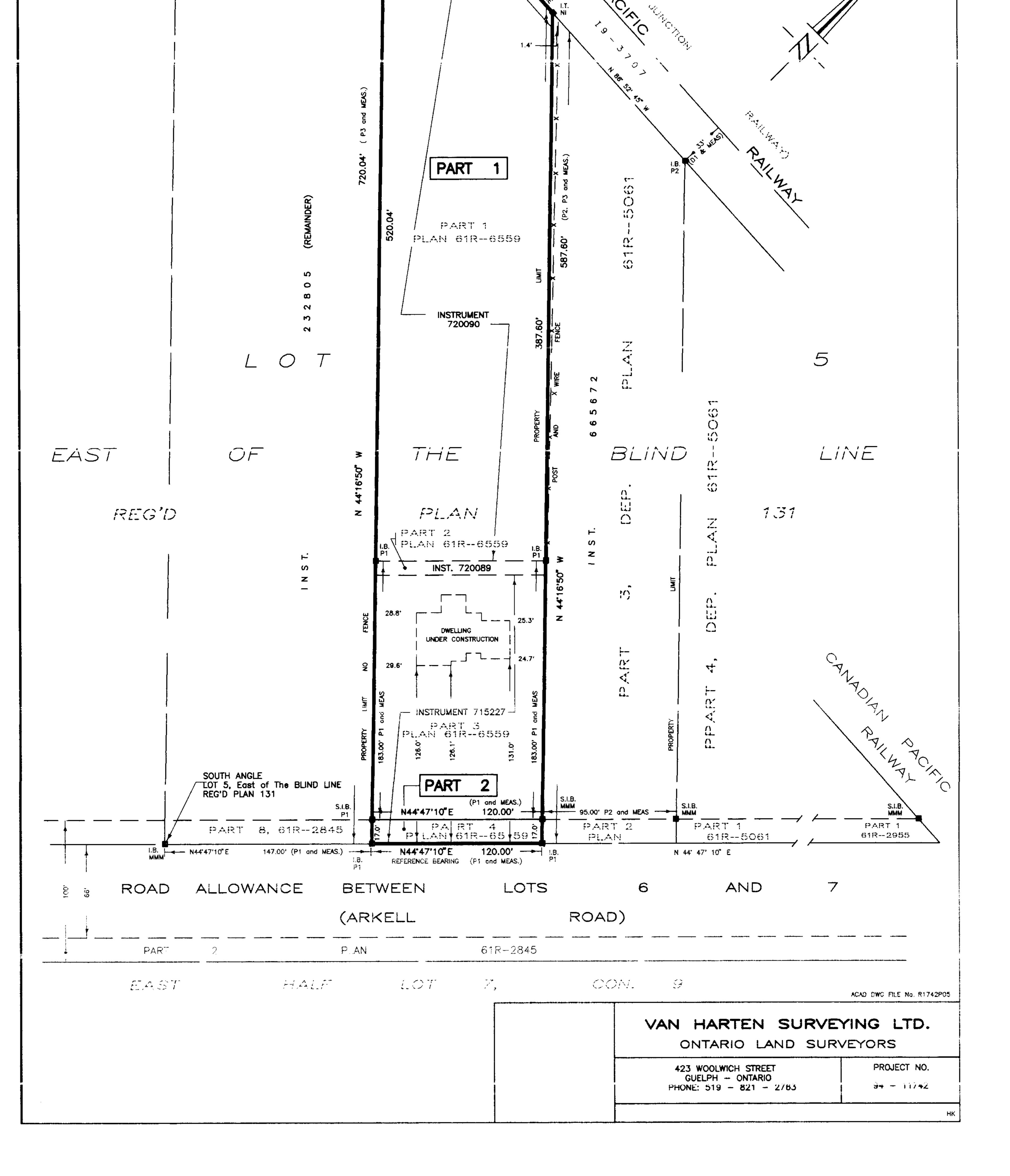
CAUTION: THIS PLAN IS NOT A PLAN OF SUBDIVISION WITHIN THE MEANING OF THE PLANNING ACT.

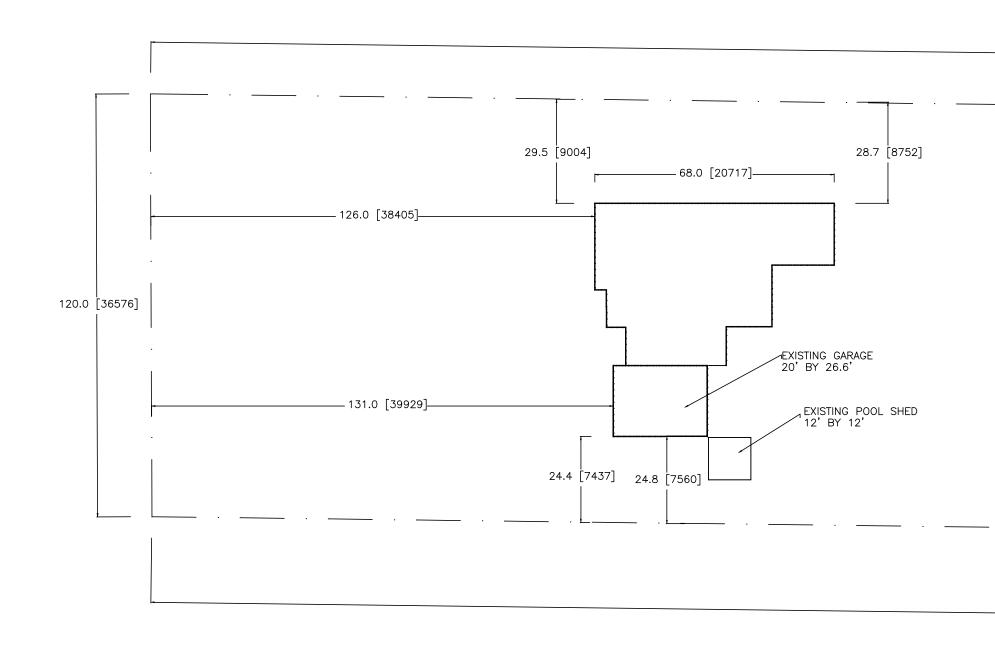
NOTE:

BEARINGS ARE REFERRED TO THE NORTHWEST LIMIT OF ARKELL ROAD, HAVING AN ASTRONOMIC COURSE OF N 44' 47' 10" E, AS SHOWN ON DEPOSITED PLAN 61R-4857.

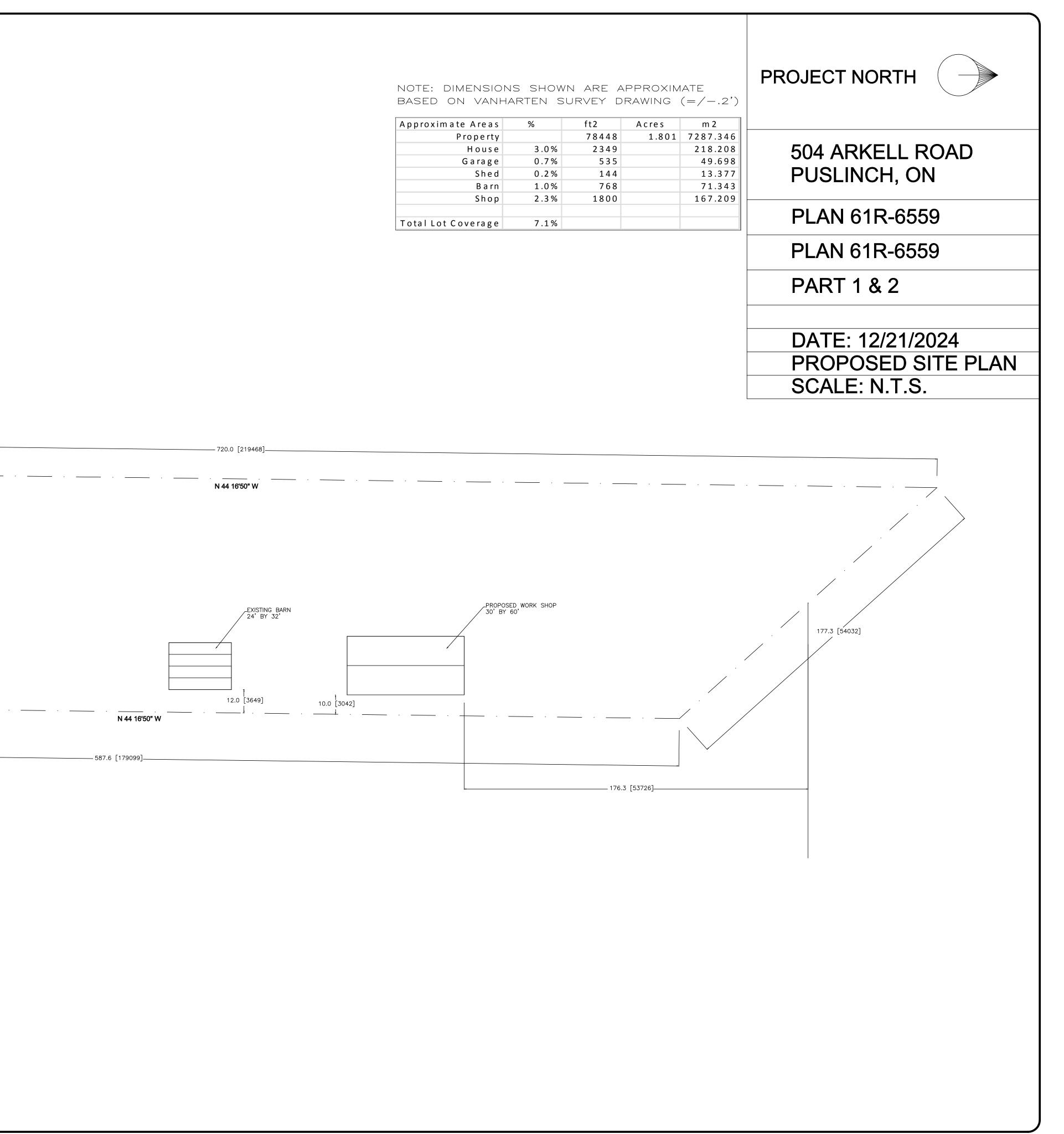
LEGEND:

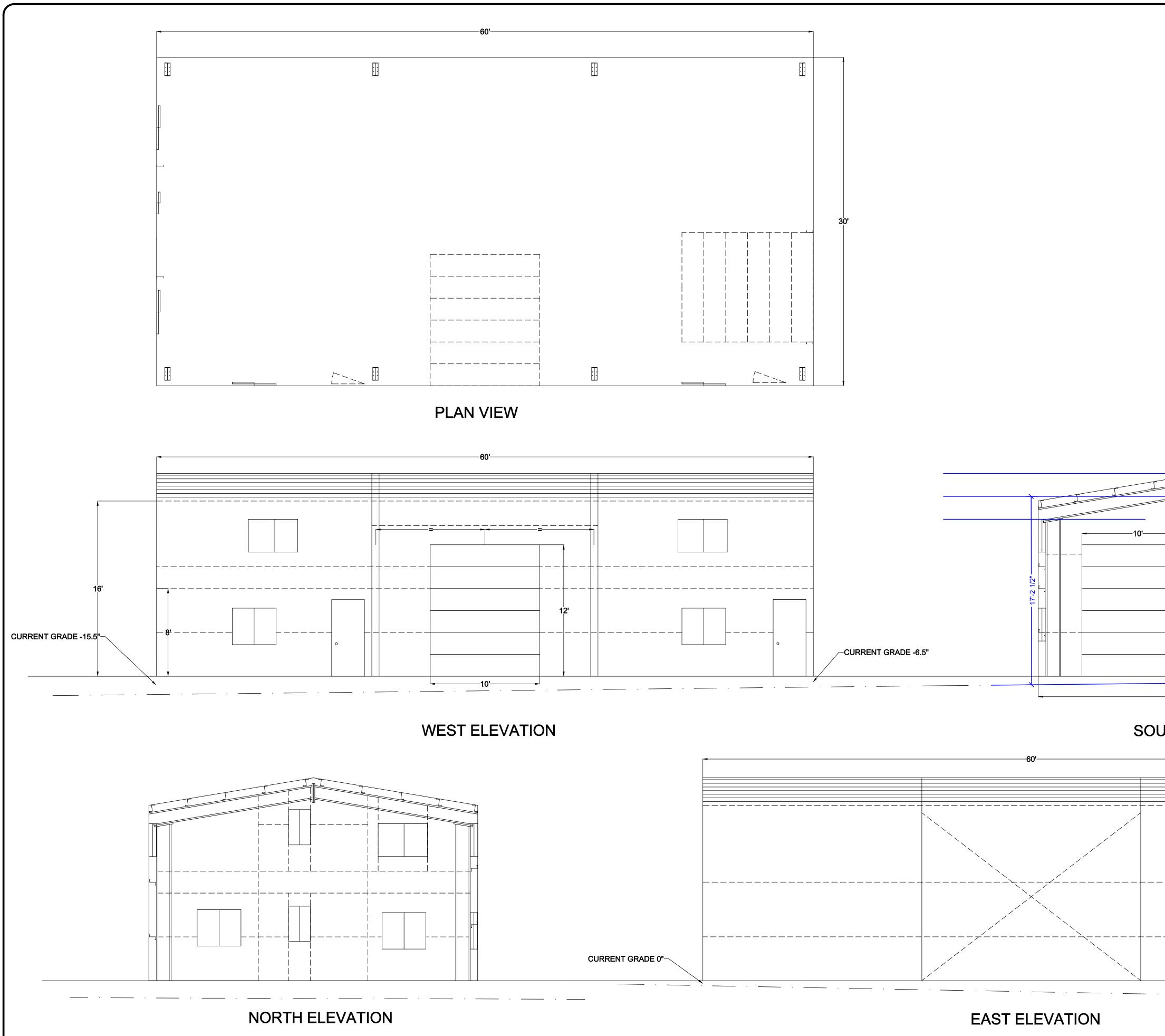
— D —	DENOTES SURVEY MONUMENT SET
	DENOTES SURVEY MONUMENT FOUND
S.I.8.	DENOTES 1" x 1" x 48" STANDARD IRON BAR
I.B.	DENOTES 5/8" x 5/8" x 24" IRON BAR
I.Ť.	DENOTES IRON TUBE
MMM	DENOTES MARSHALL, MACKLIN, MONAGHAN, O.L.S.'s
P1	DENOTES DEPOSITED PLAN 61R-4857
P2	DENOTES DEPOSITED PLAN 61R-5061
P3	DENOTES DEPOSITED PLAN 61R-6559
D1	DENOTES INSTRUMENT 19-3707

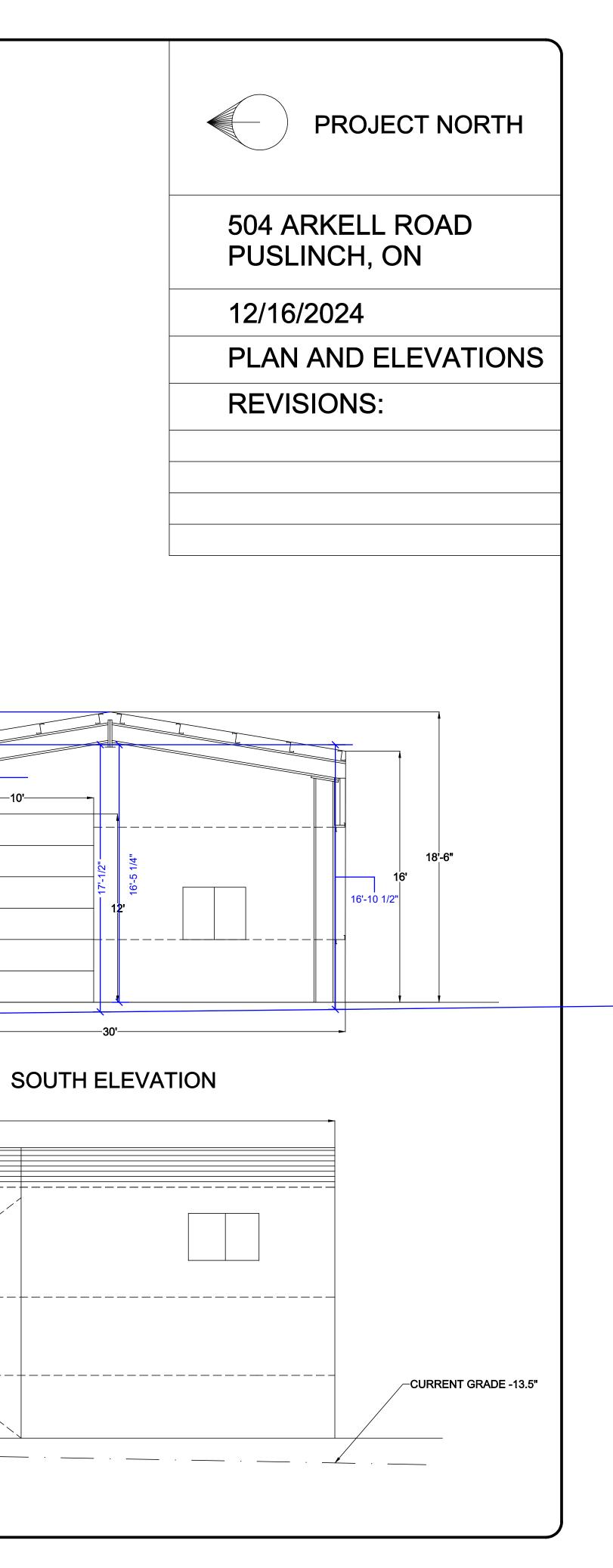




Approximate Areas	%	ft2	Acre
Property		78448	1.
House	3.0%	2349	
Garage	0.7%	535	
S h e d	0.2%	144	
Barn	1.0%	768	
Shop	2.3%	1800	
Total Lot Coverage	7.1%		









Certificate of Design and Manufacturing Conformance

This Certificate is to affirm that all components of the steel building system described below, to be supplied by the named Manufacturer certified in accordance with CSA A660, have been or will be designed and fabricated in accordance with the following Standards to carry the loads and load combinations specified.

1. DESCRIPTION

1. DESCRIPTION	(d) Wind Load Application
Manufacturer's Name and Address: Steelway Building Systems, Springwater Rd., Aylmer, ON, Canada	(i) Applied as per <i>OBC</i> , Part 4, Section 4.1.7
Manufacturer's Certificate No. under CSA A660: STEELO	(ii) Pressure coefficients as per User's Guide – NBC 2
Customer Order Number: 76776	Loads, Figures 4.1.7.6 A-H, A-4.1.7.5
Building Type and Size: Allsteel [9144Wx18288Lx4877/4877H] (mm)	(iii) Building internal pressure Category 2 per User's
Intended Use and Occupancy: Commercial	Commentary I: Wind Loads
Importance Category (OBC, Sentence 4.1.2.1.(3)): II - Normal	(e) Crane Loads (where applicable)
Site Location: Guelph, ON, Canada	Type: (top running)(under-running)(jib)
Applicable Building Code: OBC 2012-88/19	Capacity: (tonnes)
Builder's Name and Address: MK5 Foundation Mfg., 9170 County Rd. 3, Suite 302, Midland, ON	Wheel base: (m)
Owner's Name and Address: Milosh, Guelph, ON	Maximum static, vertical wheel load: (kN)
Engineer's Initials *	Vertical impact factor:%
2. DESIGN STANDARDS PB	Lateral factor: % Lateral wh
Ontario Building Code, 2012-88/19, Part 4: Structural Design	Longitudinal factor: % Maximum longitudi
CAN/CSA-S16-14, Limit States Design of Steel Structures	(f) Mezzanine Live Load: (kPa)
CAN/CSA-S136-16, North American Specification for the Design of Cold-Formed Steel Structural Members	(g) Seismic Load:
Other (specify): N/A	(Applied as per <i>OBC</i> , Part 4, Sub-section 4.1.8 $S_a(0.$
	(Applied as per Obc, Part 4, Sub-section 4.1.0 Sa(0.
3. MANUFACTURING STANDARDS PB	
(a) Fabrication has been or will be in accordance with CAN/CSA-S16 and CAN/CSA-S136, as applicable.	(h) Other Live Loads
(b) Welding has been or will be performed in accordance with CSA W59 and CAN/CSA-S136, as applicable.	(Specify):(kPa)
(c) The Manufacturer has been certified in accordance with CSA W47.1, for Division 1 or Division 2, and/or CSA W55.3, if applicable.	(i) Dead Loads
(d) Welders have been qualified in accordance with CSA-W47.1.	Dead load of building components is incorporated in
	Collateral load (mechanical, electrical, ceiling, sprink
4. PURLIN STABILITY PB	Mezzanine: (kPa)
Purlin braces are provided in accordance with CAN/CSA-S136, Clause D3 and Appendix B, Clause D3.2.2. In particular, for a standing seam roof	Other (specify): ()
supported on movable clips, braces providing lateral support to both top and bottom purlin flange have been or will be provided. The number of	(j) Load Combinations
rows is determined by analysis but in no case is less than 1 for spans up to 7m inclusive or less than 2 for spans greater than 7m.	Applied in accordance with OBC, Part 4, Section 4.1.
5. LOADS	C CENERAL REVIEW DURING CONSTRUCTION
(a) Snow, Ice, and Rain Load PB	6. GENERAL REVIEW DURING CONSTRUCTION
1-in-50 year ground snow load, Ss, 1.9 (kPa)	The Manufacturer does not provide general review dur
1-in-50 year associated rain load, Sr, 0.4 (kPa)	7 CERTIFICATION BY ENGINEER
Wind exposure factor, Cw, 1.00	7. CERTIFICATION BY ENGINEER
Importance factor, Is, 1.00	I Peter Blokker , a Professional Engineer registered o
	that I have reviewed the design and manufacturing pro
Roof snow load, S, 1.9 (kPa) Drift load considered (<i>OPC</i> , Sub-costion 4.1.6.2.8) refer to drawing of coosific building	statements, initialed by me, are true.
Drift load considered (<i>OBC</i> Sub-section 4.1.6.2.8) refer to drawing of specific building	
Specified rain load (<i>OBC</i> , Article 4.1.6.4) 103 (mm).	
(b) Full and Partial Snow Load PB	
(i) Applied on any one and any two adjacent spans of continuous purlins	Name: Peter Blokker, P.Eng
(ii) Applied on any one and any two adjacent spans of modular rigid frames with continuous roof beams	Title: Structural Engineer
(iii) Applied as described for the building geometry in OBC, Part 4, and in the User's Guide - NBC 2015 Structural Commentaries (Part 4),	Affiliation: Steelway Building Systems
Commentary G: Snow Loads	
(c) Wind Load PB	Date: Dec 10, 2024
1-in-50 year reference velocity pressure 0.36 (kPa)	
Importance factor, Iw 1.00	
Wind Topographic factor, Ct, 1.0	

* Initial each true statement. Mark N/A if statement does not apply.

Pressure coefficients as per User's Guide - NBC 2015 Structural Commentaries (Part 4 of Dvision B), Commentary I: Wind

) Building internal pressure Category 2 per User's Guide – NBC 2015 Structural Commentaries (Part 4 of Division B),

Lateral wheel load: _____ (kN) ngitudinal factor: ______% Maximum longitudinal load: _____(kN/side) N/A PB pplied as per OBC, Part 4, Sub-section 4.1.8 S_a(0.2) 0.133, S_a (0.5) 0.082, S_a (1.0) 0.047, S_a (2.0) 0.0240, Sa (5.0) 0.0058 , Sa(10.0) 0.0024 , Fa 1.24, Fv 1.55, IE 1.00 N/A PB ead load of building components is incorporated in the design ollateral load (mechanical, electrical, ceiling, sprinklers, etc.): 0.05 (kPa) PB

Manufacturer does not provide general review during construction for regulatory purposes.

ter Blokker, a Professional Engineer registered or licensed to practice in the Province or Territory of Ontario, hereby certify I have reviewed the design and manufacturing process for the steel building system described. I certify that the foregoing





PB



DESIGN RESPONSIBILITY

THE MANUFACTURER'S ENGINEER IS NOT THE DESIGN PROFESSIONAL OR ENGINEER OF RECORD FOR THE THE MANUFACTURER IS NOT RESPONSIBLE FOR THE ERECTION OF THE STEEL BUILDING SYSTEM, THE CONSTRUCTION PROJECT. THE MANUFACTURER IS NOT RESPONSIBLE FOR THE DESIGN OF ANY COMPONENT OR MATERIALS NOT SOLD BY IT, OR THEIR INTERFACE AND CONNECTION WITH THE STEEL BUILDING SYSTEM, UNLESS SUCH DESIGN RESPONSIBILITY IS SPECIFICALLY REQUIRED BY THE CONTRACT DOCUMENTS. THE MANUFACTURER IS ONLY RESPONSIBLE FOR ENSURING THAT THE COMPONENTS SUPPLIED BY IT ARE DESIGNED IN ACCORDANCE WITH THE APPLICABLE BUILDING CODES AND OTHER CRITERIA, ALL AS SPECIFIED BY THE OWNER, THE PROFESSIONAL ENGINEER AND/OR ARCHITECT OF RECORD RETAINED BY THE OWNER, OR THE DESIGN-BUILDER. THE DESIGNER (OF THE STRUCTURE) WHETHER DESIGN-BUILDER, ARCHITECT AND/OR PROFESSIONAL ENGINEER OF RECORD, IS RESPONSIBLE FOR SPECIFYING TO THE MANUFACTURER THE CODES AND STANDARDS TO GOVERN DESIGN, ALL DESIGN LOADS SUCH AS SNOW LOADS (INCLUDING COEFFICIENTS AND DRIFT CONDITIONS), WIND LOADS, COLLATERAL LOADS, SITE CONDITIONS FOR SEISMIC DESIGN, AND ANY OTHER SUPERIMPOSED LOADS WHICH THE STRUCTURE IS REQUIRED TO SUSTAIN. IT IS A VIOLATION OF THE LAW FOR ANY PERSON UNLESS HE/SHE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER, TO ALTER ANY ITEM ON THESE PLANS IN ANY WAY. IF ANY ITEM ON THESE PLANS IS ALTERED, THE ALTERING ENGINEER MUST AFFIX TO THE ITEM HIS/HER SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS/HER SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. THE MANUFACTURER ASSUMES THAT ALL WINDOWS AND DOORS WILL BE DESIGNED TO WITHSTAND THE WIND LOADS SHOWN AND WILL REMAIN CLOSED DURING PERIODS OF SEVERE WINDS (THIS DOES NOT APPLY TO BUILDINGS DESIGNED AS CATEGORY 3).

FOR FURTHER CLARIFICATION OF DESIGN RESPONSIBILITY, REFER TO CSSBI B8-06 - BUILDINGS INCORPORATING STEEL BUILDING SYSTEMS: RESPONSIBILITIES OF THE PARTIES INVOLVED.

FOUNDATION DESIGN

THE MANUFACTURER IS NOT RESPONSIBLE FOR THE DESIGN, MATERIALS, AND WORKMANSHIP OF THE FOUNDATION. ANCHOR BOLT PLANS PREPARED BY THE MANUFACTURER ARE INTENDED TO SHOW ONLY LOCATION, DIAMETER, AND PROJECTION OF ANCHOR RODS REQUIRED TO ATTACH THE STEEL BUILDING SYSTEM TO THE FOUNDATION. IT IS THE RESPONSIBILITY OF THE END CUSTOMER AND/OR THEIR DESIGN PROFESSIONAL TO ENSURE THAT ADEQUATE PROVISIONS ARE MADE FOR SPECIFYING BOLT EMBEDMENT, BEARING ANGLES, TIE RODS, AND/OR OTHER ASSOCIATED ITEMS EMBEDDED IN THE CONCRETE FOUNDATION, AS WELL AS FOUNDATION DESIGN FOR THE LOADS IMPOSED BY THE STEEL BUILDING SYSTEM, OTHER IMPOSED LOADS, AND THE BEARING CAPACITY OF THE SOIL AND OTHER CONDITIONS OF THE BUILDING SITE.

THE MANUFACTURER DOES NOT SPECIFY GROUT REQUIREMENTS – THIS IS THE RESPONSIBILITY OF THE FOUNDATION DESIGNER. THE CHART PROVIDED WITH THE ANCHOR PLANS/DETAILS IS INTENDED TO DEMONSTRATE THAT GROUT SHALL BE TAKEN INTO ACCOUNT WHEN DETERMINING ANCHOR BOLT PROJECTION, IT DOES NOT CONSTITUTE THE SPECIFICATION OF GROUT BY THE THE MANUFACTURER FNGINFFR.

SERVICEABILITY

UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS. THE MANUFACTURER USES INDUSTRY STANDARD DEFLECTION LIMITS AS SPECIFIED IN CSSBI B15B-15. IN GENERAL, WE DO NOT USE THE RECOMMENDED LIMITS SPECIFIED IN ANNEX D OF CSA S16, WHICH IS A NON-MANDATORY PART OF THIS STANDARD.

SITE INSPECTIONS

THE MANUFACTURER DOES NOT PERFORM GENERAL REVIEW OF CONSTRUCTION (SITE INSPECTIONS) FOR COMPONENTS SUPPLIED BY IT. THIS RESPONSIBILITY IS EXPLICITLY EXCLUDED FROM THE MANUFACTURER'S SCOPE OF WORK, UNLESS SPECIFIED IN THE CONTRACT DOCUMENTS FOR AN AGREED FFF

EXISTING BUILDINGS

THE MANUFACTURER DOES NOT INVESTIGATE THE INFLUENCE OF THE STEEL BUILDING SYSTEM ON EXISTING BUILDINGS OR STRUCTURES. THE END CUSTOMER AND/OR THEIR DESIGN PROFESSIONAL MUST ENSURE THAT SUCH BUILDINGS AND STRUCTURES ARE ADEQUATE TO RESIST ADDITIONAL SNOW AND DRIFT LOADS OR OTHER CONDITIONS AS A RESULT OF THE PRESENCE OF THE STEEL BUILDING SYSTEM. INDEPENDENT/SELF-SUPPORTING COMPONENTS

MEZZANINES, BLOCK WALLS, OR ANY OTHER COMPONENTS BY OTHERS THAT ARE IDENTIFIED AS INDEPENDENT OR SELF-SUPPORTING, MUST BE DESIGNED BY A PROFESSIONAL ENGINEER. THE ENGINEER MUST ENSURE THAT PROPER ISOLATION FROM THE THE MANUFACTURER BUILDING HAS BEEN PROVIDED TO AVOID STRUCTURAL DAMAGE DUE TO DIFFERENTIAL MOVEMENTS. OR INADVERTENTLY APPLYING LOADS TO THE THE MANUFACTURER STRUCTURE. THE MANUFACTURER ACCEPTS NO RESPONSIBILITY FOR THE DESIGN OF ANY INDEPENDENT/SELF-SUPPORTING COMPONENTS.

FIRE CODE COMPLIANCE

IT IS THE RESPONSIBILITY OF THE PROJECT DESIGN PROFESSIONAL AND BUILDER TO COMPLY WITH LOCAL FIRE CODE REGULATIONS INCLUDING CONSIDERATION OF, BUT NOT LIMITED TO, BUILDING USE AND OCCUPANCY, ALL BUILDING CONSTRUCTION MATERIALS, SEPARATION REQUIREMENTS, EGRESS REQUIREMENTS, FIRE PROTECTION SYSTEMS, ETC. THE BUILDER SHALL ADVISE THE MANUFACTURER OF ANY SPECIAL REQUIREMENTS TO BE FURNISHED BY THE MANUFACTURER.

SNOW GUARDS

THE MANUFACTURER RECOMMENDS THAT SNOW GUARDS BE USED FOR THE FULL BUILDING LENGTH ON ROOF SLOPES GREATER THAN OR EQUAL TO 3:12. ESPECIALLY ON ROOFS WITH GUTTERS. THE MANUFACTURER IS NOT RESPONSIBLE FOR DAMAGE TO GUTTERS AND ADJACENT PROPERTY OR INJURY CAUSED BY ICE/SNOW SLIDING OFF SLOPED METAL ROOFS. DESIGN AND SUPPLY OF SNOW GUARDS IS NOT BY THE MANUFACTURER.

ICE DAMS

THE MANUFACTURER DESIGNS ITS ROOF SYSTEMS TO MEET THE LOAD REQUIREMENTS DICTATED BY GOVERNING BUILDING CODES, INCLUDING APPLICABLE SNOW ACCUMULATION LOADING. HOWEVER, THE MANUFACTURER EXPRESSLY DISCLAIMS RESPONSIBILITY FOR WEATHER TIGHTNESS OR ROOF POINT LOADING ISSUES DUE TO ICE DAMS. WHICH MAY OCCUR DURING MELTING CONDITIONS. ICE DAMN FORMATION IS AFFECTED BY LOCAL CLIMATE, ROOF INSULATION PERFORMANCE, PURLIN SPACING, ROOF PANEL COLOUR, INTERIOR TEMPERATURE, EAVE OVERHANGS, PARAPET WALLS, AND SHADING OF ROOF AREAS. THESE FACTORS ARE RELATED TO THE OVERALL DESIGN CONCEPTS OF THE BUILDING AS SPECIFIED BY THE PROJECT ENGINEER OR ARCHITECT, AND/OR MAINTENANCE ISSUES WHICH ARE OUTSIDE THE MANUFACTURER'S CONTROL. IT IS ALSO RECOMMENDED TO INSTALL HEAT TRACE CABLES ON ROOF AREAS PRONE TO ICE DAMMING.

PRELIMINARY DRAWINGS

THE MANUFACTURER ISSUES PRELIMINARY DRAWINGS MARKED 'ISSUED FOR INFORMATION' FOR EACH PROJECT. INFORMATION PRESENTED ON PRELIMINARY DRAWINGS MAY DIFFER FROM DRAWINGS/DOCUMENTS PROVIDED BY OTHER FIRMS, AND ALSO FROM PREVIOUS THE MANUFACTURER DRAWINGS/DOCUMENTS. THE DEVIATIONS MAY BE DUE TO INTERPRETATIONS OF THE CONTRACT REQUIREMENTS, OR NECESSARY PROVISIONS FOR STRUCTURAL PERFORMANCE AND MANUFACTURING ABILITY. THE MOST RECENT SET OF DRAWINGS THAT IS SEALED BY A THE MANUFACTURER ENGINEER SHALL TAKE PRECEDENCE OVER ANY PREVIOUS DRAWINGS/DOCUMENTS. THE CUSTOMER SHALL PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN ON EACH DRAWING SET RECEIVED, IN ORDER TO CONFIRM ADHERENCE TO THE CONTRACT REQUIREMENTS.

APPROVAL IS REQUIRED IN ORDER TO PROCEED WITH MANUFACTURING. WHEN THE APPROVAL STAMP IS PRESENT, PLEASE SIGN AND DATE EACH DRAWING, AND CLEARLY INDICATE ANY CHANGES REQUIRED. REPLACEMENT OF MINOR SHORTAGES OF MATERIAL ARE A NORMAL PART OF ERECTION AND ARE NOT FAILURE TO DO SO IN A TIMELY MANNER MAY RESULT IN PROJECT DELAYS. NOTE THAT CHANGES REQUESTED ON THE DRAWINGS ARE NOT BINDING UNLESS SUBSEQUENTLY ACKNOWLEDGED AND AGREED TO IN WRITING. APPROVAL OF THE MANUFACTURER DRAWINGS CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION, AND FURTHER CONSTITUTES AGREEMENT THAT THE BUILDING AS SHOWN REPRESENTS THE TOTAL OF THE MATERIALS TO BE SUPPLIED. ANY CHANGE REQUESTS THAT OCCUR AFTER APPROVAL MAY RESULT IN ADDITIONAL COSTS AND DELAYS.

BUILDER/CUSTOMER MUST SECURE ALL REQUIRED APPROVALS AND PERMITS FROM THE APPROPRIATE AGENCIES AS REQUIRED.







ERECTION-GENERAI

SUPPLY OF ANY TOOLS OR EQUIPMENT, SUPERVISION FOR THE ERECTION OF THE STRUCTURE, OR ANY OTHER FIELD WORK. FIELD ERECTION OF A STEEL BUILDING, AS IN ALL CONSTRUCTION PROJECTS, INVOLVES HAZARDS TO PERSONS WITHIN THE AREA OF THE CONSTRUCTION AND RISK OF DAMAGE TO THE PROPERTY ITSELF. THE MANUFACTURER DOES FURNISH A GENERAL ERECTION MANUAL, HOWEVER FIELD ERECTION PROCEDURES CAN VARY BECAUSE OF MANY ITEMS INCLUDING LOCAL CONDITIONS. EQUIPMENT AVAILABILITY, THE TYPE OF BUILDING BEING ERECTED, AND THE EXPERTISE OF THE PARTICULAR ERECTOR. THE ERECTOR, BY ENTERING INTO A CONTRACT TO ERECT THE BUILDING, HOLDS ITSELF OUT AS SKILLED IN THE ERECTION OF STEEL BUILDING SYSTEMS, AND IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE MUNICIPAL, PROVINCIAL, AND FEDERAL CONSTRUCTION AND SAFETY REGULATIONS AS WELL AS ANY APPLICABLE REQUIREMENTS OF MUNICIPAL, PROVINCIAL, FEDERAL, OR INTERNATIONAL UNION RULES OR PRACTICES. THE ERECTION DRAWINGS FURNISHED BY THE MANUFACTURER ARE NOT INTENDED TO SPECIFY ANY PARTICULAR METHOD OF ERECTION TO BE FOLLOWED BY THE ERECTOR. THE ERECTOR REMAINS SOLELY RESPONSIBLE FOR THE SAFETY AND APPROPRIATENESS OF ALL TECHNIQUES AND ALL METHODS UTILIZED BY ITS CREWS IN THE ERECTION OF THE STEEL BUILDING SYSTEM. THE ERECTOR IS ALSO RESPONSIBLE FOR SUPPLYING ANY SAFETY DEVICES SUCH AS FALL ARREST SYSTEMS, MAN-LIFTS, AND ANCHOR POINTS ETC., WHICH MAY BE REQUIRED TO SAFELY ERECT THE STEEL BUILDING SYSTEM. THE MANUFACTURER EXPRESSLY DISCLAIMS ANY RESPONSIBILITY FOR INJURY TO PERSONS IN THE COURSE OF ERECTION OR DAMAGE TO THE PRODUCT ITSELF. ONLY EXPERIENCED PERSONS WHO ARE SKILLED AND QUALIFIED IN THE ERECTION OF STEEL BUILDINGS SHOULD BE PERMITTED TO FIELD-ERECT A BUILDING DUE TO THE HAZARDS OF THIS CONSTRUCTION ACTIVITY. ALL ERECTION EQUIPMENT AND DETAILED ERECTING PROCEDURES WILL BE DETERMINED BY AN INDEPENDENT QUALIFIED PROFESSIONAL ENGINEER RETAINED BY THE BUILDER AS REQUIRED

ERECTION <u>TOLERANCES</u>

ERECTION TOLERANCES ARE THOSE SET FORTH IN THE "DESIGN OF STEEL STRUCTURES" (CSA S16 LATEST EDITION).

TEMPORARY BRACING DURING CONSTRUCTION

THE ERECTOR SHALL FURNISH TEMPORARY GUYS AND BRACING WHERE NEEDED FOR SQUARING, PLUMBING, AND SECURING THE STRUCTURAL FRAMING AGAINST LOADS. SUCH AS WIND LOADS ACTING ON THE EXPOSED FRAMING, AS WELL AS LOADS DUE TO ERECTION EQUIPMENT AND OPERATION. THESE CONSTRUCTION LOADS CAN BE SIGNIFICANTLY HIGHER THAN LOADS WHICH WILL BE APPLIED ONCE THE BUILDING IS COMPLETELY ERECTED. AND ACCORDINGLY. BRACING FURNISHED BY THE MANUFACTURER FOR THE STEEL BUILDING SYSTEM CANNOT BE ASSUMED TO BE ADEQUATE DURING ERECTION. COLUMN BASEPLATES ARE TYPICALLY 'PIN' CONNECTIONS, AND IT IS THEREFORE EXTREMELY DANGEROUS TO LEAVE ANY COLUMN AS 'FREE STANDING' (NO LATERAL SUPPORT AT THE TOP) FOR ANY LENGTH OF TIME. SPECIAL CARE MUST BE TAKEN WHEN COLUMNS ARE GROUTED. AS THEY TEND TO BE UNSTABLE UNTIL THE GROUT IS IN PLACE. TEMPORARY SUPPORTS SUCH AS TEMPORARY GUYS, BRACING, FALSEWORK, CRIBBLING OR OTHER ELEMENTS REQUIRED FOR THE ERECTION OPERATION SHALL BE DETERMINED AND FURNISHED AND INSTALLED BY THE ERECTOR.

<u>BOLT_TIGHTENING</u>

UNLESS OTHERWISE SPECIFIED, ALL HIGH STRENGTH (A325, A490) BOLTS MUST BE TIGHTENED BY THE 'TURN-OF-NUT' METHOD AS SPECIFIED IN THE 'INSTALLATION AND INSPECTION OF BOLTED JOINTS' CLAUSE OF CSA S16. TORQUE/TENSION RELATIONSHIPS ARE HIGHLY VARIABLE, AND TORQUE-BASED INSTALLATION IS NOT PERMITTED IN S16. IN JOINTS WHERE PRE-TENSIONING WOULD BE DETRIMENTAL. SUCH AS THOSE INTENDED TO BEHAVE AS SLOTTED CONNECTIONS, BOLTS MUST BE INSTALLED AS 'FINGER TIGHT, BURR THREADS'. ERECTOR MUST CAREFULLY REVIEW THE ERECTION DETAILS TO DETERMINE BOLT TIGHTENING REQUIREMENTS FOR EACH CONNECTION. ERECTOR IS RESPONSIBLE FOR BOLT INSPECTION, INCLUDING ENSURING THAT INSTALLATION AND INSPECTION PROCEDURES ARE COMPATIBLE PRIOR TO THE START OF ERECTION. THE LENGTH OF BOLTS SHALL BE SUCH THAT THE POINT OF THE BOLT WILL BE FLUSH WITH OR OUTSIDE THE FACE OF THE NUT WHEN COMPLETELY INSTALLED.

TABLE 8: NUT ROTATION FROM SNUG-TIGHT CONDITION*

BOTH FACES NORMAL TO BOL AXIS OR ONE FACE NORMAL AXIS AND OTHER FACE SLOPE
1:20 MAX.
(BEVELED WASHERS NOT USED

BOLT LENGTH** UP TO AND INCLUDING OVER 4 DIAMETERS AND EXCEEDING 8 DIAMETERS

BOTH FACES SLOPED 1:20 MAX

ALL LENGTHS

FROM NORMAL TO BOLT AXIS (BEVELED WASHERS NOT USED)

* SNUG TIGHTNESS IS THE CONDITION THAT BRINGS THE PLIES INTO FIRM CONTACT COMMONLY ATTAINED BY A FEW IMPACTS OF AN IMPACT WRENCH, OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH

** BOLT LENGTH IS MEASURED FROM THE UNDERSIDE OF THE HEAD TO THE EXTREME END OF POINT

FIELD WELDING

ALL FIELD WELDING SHALL BE DONE AT THE DIRECTION OF A DESIGN PROFESSIONAL, AND DONE IN ACCORDANCE WITH CWB REQUIREMENTS BY WELDERS QUALIFIED TO PERFORM THE APPLICABLE WELDING PROCEDURE. USE MINIMUM 70ksi ELECTRODES. FIELD INSPECTION IS NOT BY THE MANUFACTURER. WELDING PROCEDURES FOR WELDING OVER COATINGS SHALL BE DEVELOPED AND QUALIFIED IN ACCORDANCE WITH CSA W47.

FABRICATION/DRAWING ERRORS

THE BUILDER/CUSTOMER IS RESPONSIBLE FOR CONTACTING THE MANUFACTURER'S PROJECT MANAGEMENT TEAM TO ADVISE THE MANUFACTURER OF FABRICATION/DRAWING PROBLEMS AND CORRESPONDING FIELD CORRECTION COST ESTIMATES. THE MANUFACTURER WILL THEN BE RESPONSIBLE FOR PROVIDING THE BUILDER WITH WRITTEN APPROVAL TO PROCEED WITH APPROPRIATE FIELD CORRECTIONS. THIS WILL BE DONE IN A TIMELY MANNER. NOTE: IF THE BUILDER PROCEEDS WITH CORRECTIVE WORK WITHOUT THE MANUFACTURER'S APPROVAL, THEY ARE DOING SO AT THEIR OWN RISK AND COST. THE MANUFACTURER WILL ONLY BE RESPONSIBLE FOR CLAIMS WHERE THE BUILDER/CUSTOMER DOCUMENTS THE PROBLEM, ITS CORRECTION, AND REASONABLE COSTS FOR REPAIR AND SUBMITS SAME FOR PAYMENT WITHIN 15 DAYS OF THE OCCURRENCE. * AS PER S16-14, SECTION 13.12.1.2 C) $V_r = 0.60 \phi_b nm A_b F_u$ (FOR SINGLE SHEAR & SINGLE B DRAWING DISCREPANCIES FACTORED SHEAR RESISTANCE REPORTED ARE BASED ON BOLT THREADS INTERCEPTED BY A SH

TURN

IN CASE OF DISCREPANCIES BETWEEN THE MANUFACTURER'S DRAWINGS AND DETAILS VERSUS THE ** AS PER S16-14, SECTION 13.12.1.3, $T_r = 0.75 \phi_b A_b F_u$ PLANS FOR OTHER TRADES, THE THE MANUFACTURER STEEL PLANS GOVERN (CISC CODE OF STANDARD PRACTICE). CUSTOMER APPROVAL OF THE MANUFACTURER DRAWINGS CONSTITUTES ACCEPTANCE OF THE MANUFACTURER'S INTERPRETATION OF THE PROJECT. THEREAFTER, ANY REVISIONS SHOULD BE COMMUNICATED BY MARKING UP THE MANUFACTURER'S DRAWINGS WITH THE APPROPRIATE CHANGES AND SENDING TO OUR PROJECT MANAGEMENT TEAM. CORRECTION OF ERRORS AND REPAIRS

THE CORRECTION OF MINOR MISALIGNMENTS BY THE USE OF DRIFTPINS TO DRAW THE COMPONENTS INTO LINE, SHIMMING, MODERATE AMOUNTS OF REAMING, CHIPPING, WELDING, OR CUTTING AND THE

SUBJECT TO CLAIM. (CISC CODE OF STANDARD PRACTICE)

DELIVERIES/SHORTAGES/INVOICE PAYMENT PLEASE REFER TO THE MANUFACTURER'S STANDARD TERMS AND CONDITIONS IN THE CONTRACT DOCUMENTS.

4 BOLT DIAMETERS	1/3
D NOT EXCEEDING 8 DIAMETERS OR 8 INCHES	1/2
S OR 8 INCHES	2/3
	3/4

MATERIAL SPECIFICATIONS		
PART	MATERIAL	FINISH
WIDEFLANGE, ANGLE, CHANNEL	G40.21 350W, A529 GR50, A572 GR50, A992 GR50	GREY PRIMER
HSS	G40.21 350W CLASS C	GREY PRIMER
PLATE/FLATBAR/WEB PLATE	G40.21 350/380W, A529 GR50/55, A572 GR 50/55, A1011 SS GR50/55, A1011 HSLAS GR50/55 CLASS 1 or 2 A653 SS GR50/55, A653 HSLAS GR50/55 CLASS 1 or 2	GREY PRIMER
COLD FORMED ZEE & CEE	G40.21 380W, A653 SS GR55, A653 HSLAS GR55 CLASS 1 or 2 A1011 SS GR55, A1011 HSLAS GR55 CLASS 1 or 2	
COLD FORMED NOTCHED ZEE & HAT/CHAIR STAND-OFF,PURLIN STABILIZER,FLANGE BRACE	G40.21 380W, A653 SS GR55, A653 HSLAS GR55 CLASS 1 or 2 A1011 SS GR55, A1011 HSLAS GR55 CLASS 1 or 2	
ROD BRACING	G40.21 350W, A529 GR50, A572 GR50	GREY PRIMER
CABLE BRACING	A475 EHS 7 WIRE	CLASS A ZINC COATING
HIGH STRENGTH BOLTS <= 1 1/2"	A325 type 1, A490 type 1	PLAIN
HIGH STRENGTH BOLTS > 1 $1/2$ "	A354, GRADE BD	PLAIN
SECONDARY STRUCTURAL MEMBER BOLTS	SAE J429, GRADE 8.2, GRADE 5, GRADE 2	JS500
ANCHOR RODS	G40.21 350W, A529 GR50, A572 GR50	PLAIN
EYE BOLTS	1030 CARBON STEEL	HOT DIP GALVANIZED
HILLSIDE/SLOPED WASHER	A47	GALVANIZED A153
BRACER HILLSIDE WASHER	A536 GR65	GREY ENAMEL
RTL PANEL	A792 SS GR50 CLASS 1 or 4	AZ50/AZM150 FOR PAINTED GALVALUME AZ55/AZM165 FOR BARE GALVALUME
STORMSEAL	A792 SS GR50 CLASS 1 or 4	SAME AS RTL
STRUCSEAL	A792 SS GR50 CLASS 1 or 4	SAME AS RTL
ROOF AND FLOOR DECK	A653 SS GR33, A653 HSLAS GR33, A792 SS GR33	ZF75/Z275 FOR A653,AZM150 FOR A792
VERSASEAL, DIAMOND SEAL	A792 SS GR33, A792 SS GR50 CLASS 1 or 4, A792 SS GR80 CLASS 1 or 2	SAME AS RTL
TECHLOC	A653 SS GR37, A653 HSLAS GR37	SAME AS RTL
LINERSEAL	A653 SS GR33, A653 HSLAS GR33	ZF75/Z275
PRIMER FOR PRIMARY STRUCTURAL	FAST DRY 4180/DEVGUARD 4180 GREY PRIMER	GREY, OTHER COLOURS UPON REQUEST
	DEVGUARD 4180-1000 WHITE PRIMER	WHITE PRIMER
PRIMER FOR COLD FORMED	PROTECH GREY POWDER HS522A1599	GREY, OTHER COLOURS UPON REQUEST
	PROTECH WHITE POWDER HS522W1151	WHITE PRIMER
TAPE CAULKING	TREMCO GENERAL PURPOSE AND PREFORMED BUTYL TAPE	OFF-WHITE TO GREY
COLD FORMED ZEE/CEE M	IEMBER SIZES	

DESIGN	DESIGNATION EXAMPLES: 08Z16; where 08=section depth, Z=zee section, 16=16GA 10C12; where 10=section depth, C=cee section, 12=12GA						REFER T PROPERI		CTURER.COM F	OR MEMB	ER SECTION
PART	DEPTH in(mm)	FLANGE WIDTH in(mm)	LIP LENGTH in(mm)	LIP ANGLE deg	PART	DEPTH in(mm)	FLANGE WIDTH in(mm)	LIP LENGTH in(mm)	LIP ANGLE deg	PART GAUGE	THICKNESS in(mm)
06Z	6(152)	2.50(64)	0.95(24)	45	06C	6(152)	2.26(57)	0.94(24)	90	16	0.060(1.52)
08Z	8(203)	2.80(71)	1.08(27)	45	08C	8(203)	2.94(75)	0.94(24)	90	14	0.075(1.90)
09Z	09(229)	2.88(73)	1.08(27)	45	09C	09(229)	3.08(78)	0.94(24)	90	13	0.090(2.28)
10Z	10(254)	3.02(77)	1.18(30)	45	10C	10(254)	3.26(83)	0.94(24)	90	12	0.105(2.66)
12Z	12(305)	3.14(80)	1.18(30)	45	12C	12(305)	3.38(86)	0.94(24)	90	11	0.120(3.04)
14Z	14(356)	3.14(80)	1.18(30)	45	14C	14(356)	3.50(89)	0.94(24)	90	10	0.135(3.42)

SHOP PRIMED STEEL

ALL STRUCTURAL MEMBERS OF THE STEEL BUILDING SYSTEM NOT FABRICATED OF CORROSION RESISTANT MATERIAL OR PROTECTED BY A CORROSION RESISTANT COATING ARE PAINTED WITH ONE COAT OF SHOP PRIMER MEETING THE PERFORMANCE REQUIREMENTS OF CISC/CPMA 2-75 (EXCLUDING CLAUSE 4.1.2). PRIOR TO PAINTING, ALL SURFACES TO RECEIVE SHOP PRIMER ARE CLEANED OF GREASE AND OILS USING SSPC CLEANING METHOD SP1, SP2 OR SP3 AS REQUIRED. THE COAT OF SHOP PRIMER IS INTENDED TO PROTECT THE STEEL FRAMING FOR ONLY A SHORT PERIOD OF EXPOSURE TO ORDINARY ATMOSPHERIC CONDITIONS. IT PROVIDES TEMPORARY PROTECTION AGAINST RUST DURING TRANSPORTATION AND WHILE THE BUILDING IS BEING ERECTED, NOT TO EXCEED 90 DAYS AS PER CISC CODE OF STANDARD PRACTICE. SHOP PRIMED STEEL WHICH IS STORED IN THE FIELD PENDING ERECTION SHOULD BE KEPT FREE FROM THE GROUND AND POSITIONED TO ELIMINATE WATER-HOLDING POCKETS, DUST, MUD, AND OTHER CONTAMINATION OF THE PRIMER FILM. PURLINS AND GIRTS SHOULD BE COVERED AND SLOPED TO ALLOW WATER TO DRAIN OFF. PRIMARY STEEL SHOULD BE COVERED AND SAFELY STACKED IN AN UPRIGHT POSITION. WATER THAT IS ALLOWED TO POND ON FLANGES OR WEBS CAN CAUSE THE PRIMER TO LIFT AND/OR FLAKE OFF THE STEEL OVER TIME. THE MANUFACTURER WILL NOT BE HELD RESPONSIBLE FOR PAINT DAMAGED BY PONDING WATER, FOREIGN MATERIAL, OR EXPOSURE TO ATMOSPHERIC/ ENVIRONMENTAL CONDITIONS, AS A RESULT OF IMPROPER FIELD STORAGE. FIELD-APPLIED COATINGS MAY NOT BE COMPATIBLE WITH THE MANUFACTURER PRIMER, AND ANY DAMAGE RESULTING FROM SUCH COATINGS IS NOT THE RESPONSIBILITY OF THE MANUFACTURER.

DAMAGE TO MATERIAL FINISHES

MINOR ABRASIONS TO THE PAINTED OR GALVANIZED FINISH, CAUSED BY HANDLING, LOADING, SHIPPING, UNLOADING, AND ERECTION, ARE UNAVOIDABLE, AND ARE NOT SUBJECT TO CLAIM. TOUCHUP OF THESE MINOR ABRASIONS IS THE RESPONSIBILITY OF THE ERECTOR AND/OR THE END CUSTOMER.

FACTORED RESISTANCE FOR SAE J429 GRADE BOLTS

	FACTORED S	SHEAR RESISTA	ANCE (kips)*	FACTORED	TENSILE RESISTA	NCE (ki
BOLT SIZE	GRADE 8.2	GRADE 5	GRADE 2	GRADE	8.2 GRADE 5	GRA[
	(F _u =150 ksi)	(F _u =120 ksi)	(F _u =74 ksi)	(F _u =150	ksi) (Fu=120 ksi) (F _u =7
1/2"	9.90	7.92	4.88	17.67	7 14.14	8.
5/8"	15.46	12.37		27.61	1 22.09	_

CLADDING PROFIL	ES AND COLOURS					
ROOF CLADDING STORMSEAL COLOUR GALVALUME PROFILE NARROW RIB OUT ROOF LINER	WALL CLADDING STORMSEAL X COLOUR PROFILE WALL LINER COLOUR PROFILE					
Image: Section of the section of th	Image: Sext wall base trim colour					
PLEASE CONFIRM INFORMATION SHOWN AND PROVIDE INFORMATION WHERE MARKED WITH 🛛 REFER TO COLOUR CHART AT http://www.steelway.com/content/sell-sheets EXTRA CHARGES MAY APPLY FOR SELECTIONS OTHER THAN THE MANUFACTURER'S STANDARD COLOURS.						

kips)**	
DE 2 74 ksi) 3.72	

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	DRAWING SCHEDULE
DWG#	DRAWING NAME
—G1	GENERAL INFORMATION SHEET
-R1	REACTIONS
-S1	ANCHOR BOLT PLAN & DETAILS
-S2	ROOF PLAN
<u>-S3</u>	FRAME CROSS SECTION ENDWALL ELEVATIONS
-S4 -S5	SIDEWALL ELEVATIONS
	-

APPROVAL REQUIRED

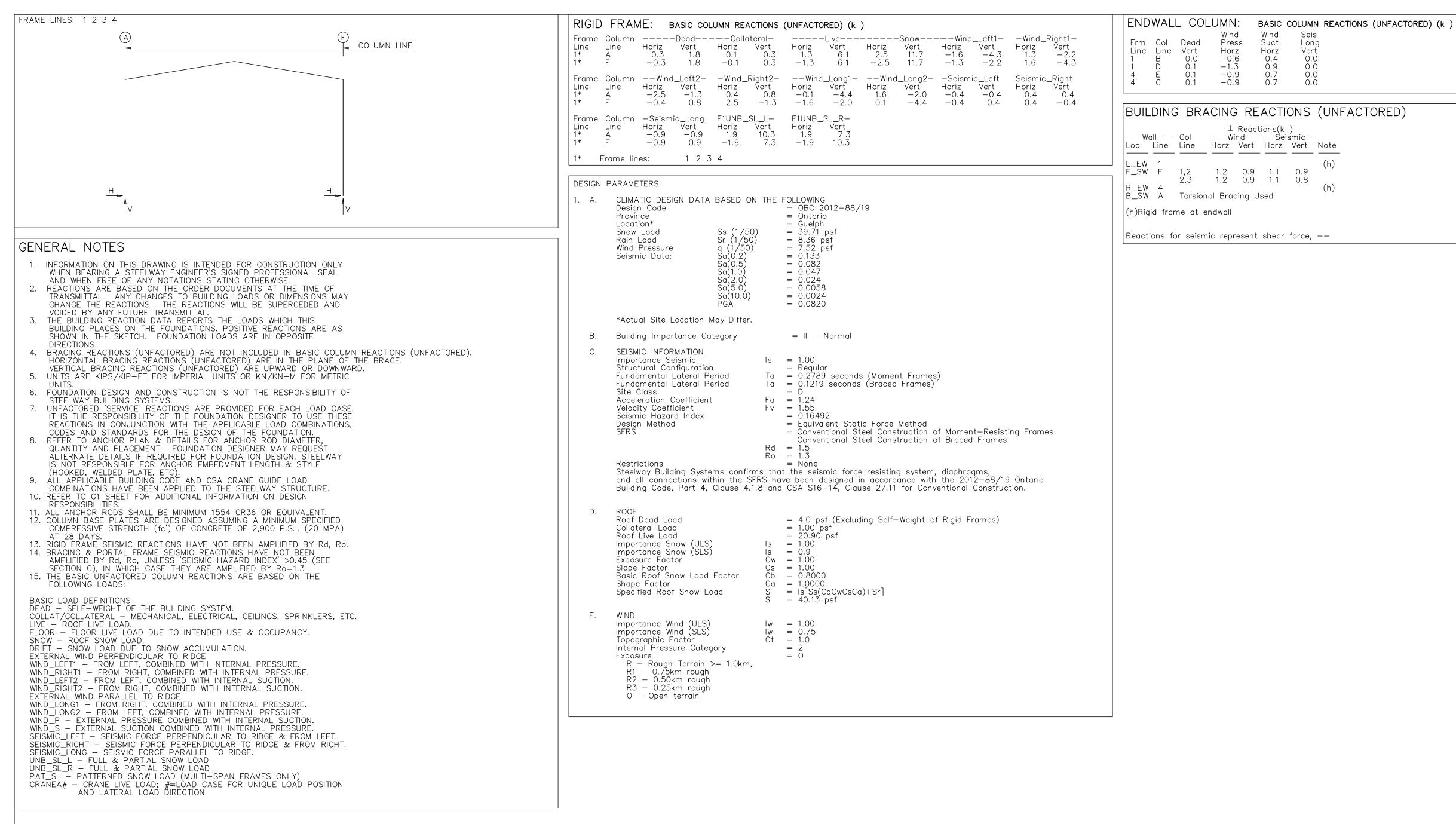
THIS DRAWING REPRESENTS STEELWAY'S INTERPRETATION OF THE CONTRACT REQUIREMENTS FOR THIS PROJECT. PLEASE PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN, APPROVAL OF THIS DRAWING CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS.

- APPROVED FOR FABRICATION NO CHANGES
- APPROVED FOR FABRICATION AS NOTED
- NO FURTHER APPROVAL REQUIRED
- REVISE AND RESUBMIT

THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ONCE FINAL APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGES.

-	12/06/2024			FOR INFORMATION			
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MK5	FOUNDATION	MFG.					
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				7825 Springwater Road			
			e	Aylmer, Ontario N5H 2R4 519.765.2244			
	BUILDING			exsteel.com			

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REVISE AND RESUBMIT THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ONCE FINAL APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGES.

NO FURTHER APPROVAL REQUIRED

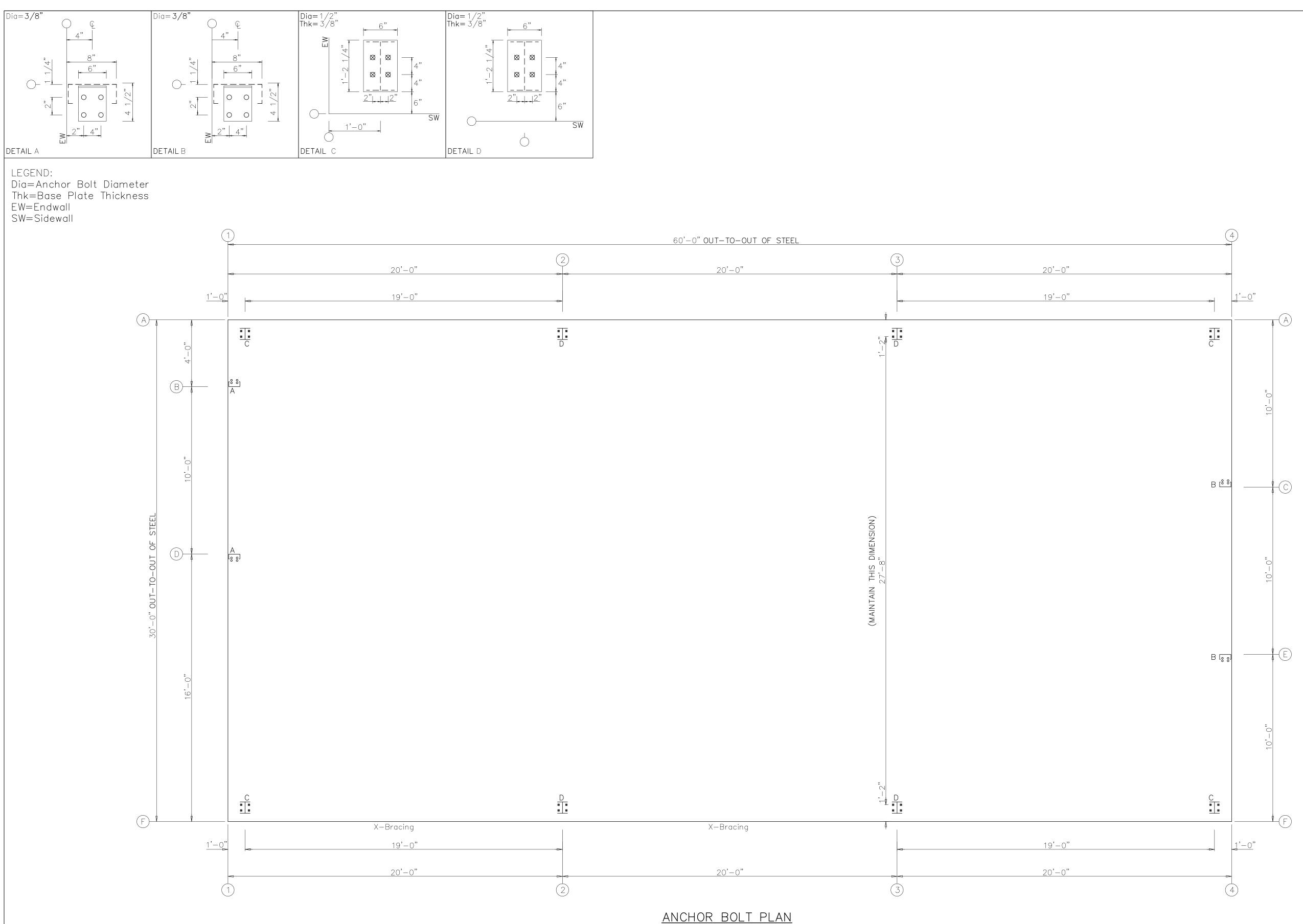
BY_____ DATE: _____

APPROVED FOR FABRICATION AS NOTED

APPROVED FOR FABRICATION - NO CHANGES

REQUIREMENTS FOR THIS PROJECT. PLEASE PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN. APPROVAL OF THIS DRAWING CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS.

APPROVAL REQUIRED THIS DRAWING REPRESENTS STEELWAY'S INTERPRETATION OF THE CONTRACT



NOTE: Underside of All Base Plates @ 100'-0" (U.N.) Finished Floor @ 100'-0"

THIS DRAWING IS THE PROPERTY OF EXSTEEL BUILDING COMPONENTS AND MAY NOT BE REPRODUCED WITHOUT CONSENT

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			7825 Springwater Road					
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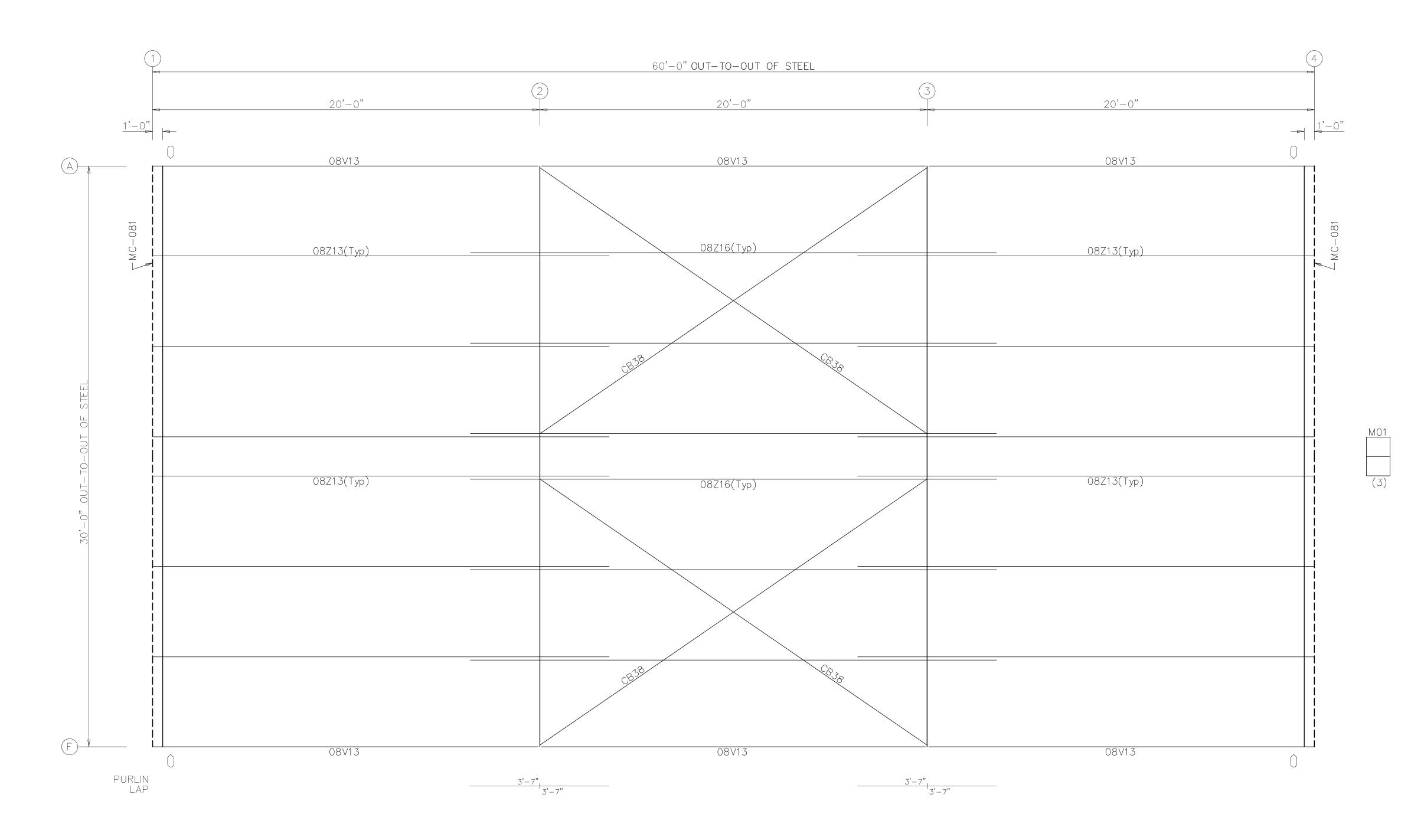
REVISE AND RESUBMIT THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ONCE FINAL APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGES. _____ DATE: __

APPROVED FOR FABRICATION AS NOTED NO FURTHER APPROVAL REQUIRED

THIS DRAWING REPRESENTS STEELWAY'S INTERPRETATION OF THE CONTRACT REQUIREMENTS FOR THIS PROJECT. PLEASE PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN. APPROVAL OF THIS DRAWING CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS. APPROVED FOR FABRICATION - NO CHANGES

APPROVAL REQUIRED

NOTE: ALL CONNECTIONS TO PURLINS FOR ANY COMPONENT WITH A LOAD IS TO BE CONNECTED TO THE WEB OF THE PURLIN. PLEASE CONSULT WITH STEELWAY BUILDING SYSTEMS OR A PROFESSIONAL ENGINEER IF CONNECTION TO THE FLANGE OF THE PURLIN IS REQUIRED.



<u>roof framing plan</u>

O DOWNSPOUTS LOCATION

ΓHIS	DRAWING	IS	THE	PROPERTY	OF	EXSTEEL	BUILDING	COMPONENTS	AND	MAY NOT	BE	REPRODUCED	WITHOUT	CONS

BUILDING COMPONENTS exsteel.com

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THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ONCE FINAL APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGES. .____ DATE: ____ BY_____

0 12/06/2024 PB ISSUED FOR INFORMATION

By Description

APPROVED FOR FABRICATION AS NOTED NO FURTHER APPROVAL REQUIRED REVISE AND RESUBMIT

THIS DRAWING REPRESENTS STEELWAY'S INTERPRETATION OF THE CONTRACT REQUIREMENTS FOR THIS PROJECT. PLEASE PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN. APPROVAL OF THIS DRAWING CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS. APPROVED FOR FABRICATION - NO CHANGES

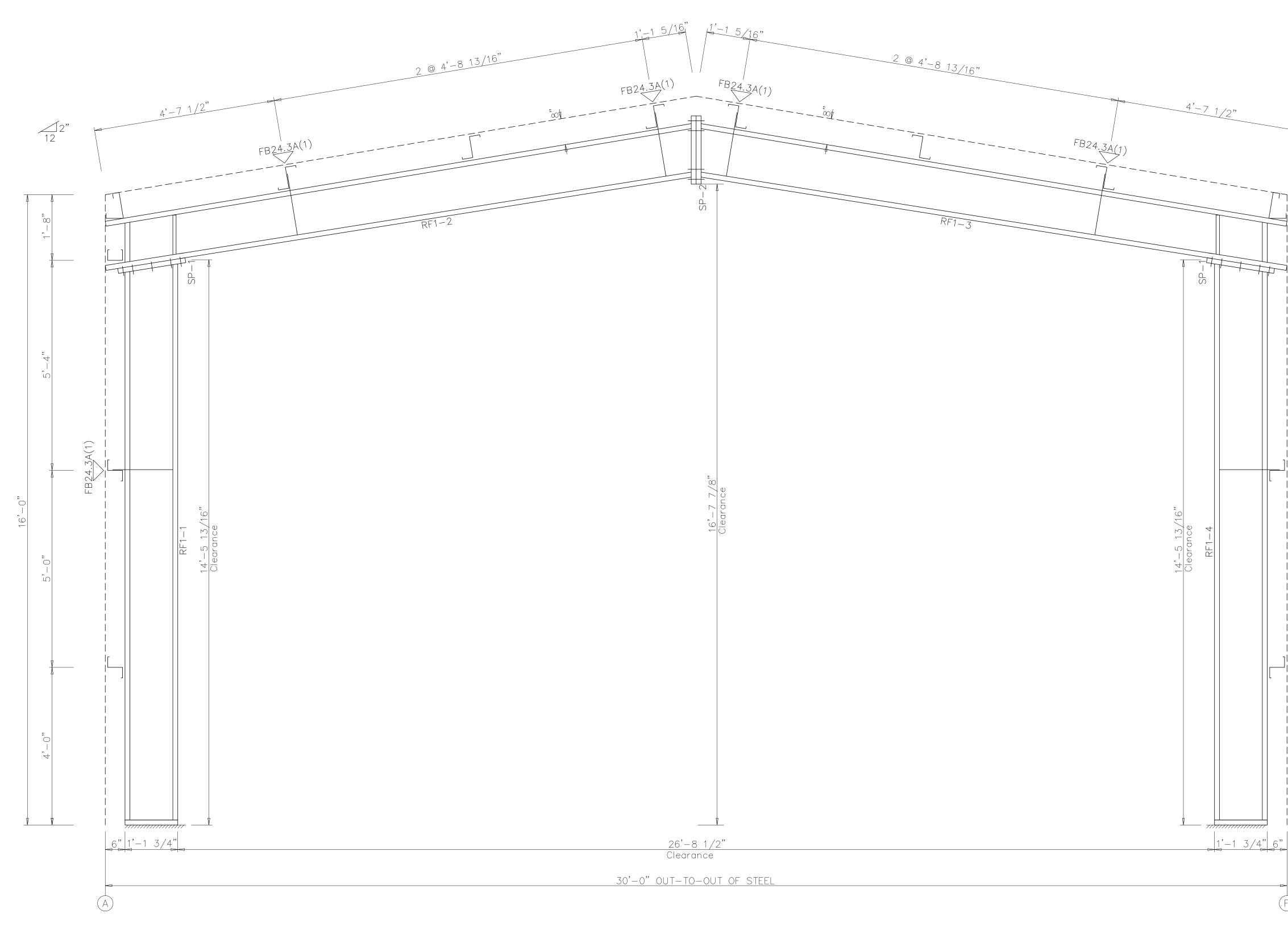
APPROVAL REQUIRED

Rev. Date



SPLICE PLATE & BOLT TABLE									
Mark	Qty Top	Bot	Int	Туре	Dia	Length	Width	Thick	Length
SP-1 SP-2	44	4 4		A325 A325			6" 6"	3/8" 1/2"	1'-8 3/4" 1'-8 3/4"

FLANGE BRACES: (1) One Side; (2) Two Sides FBxxA(1): xx=length(in) A - L2X13GA

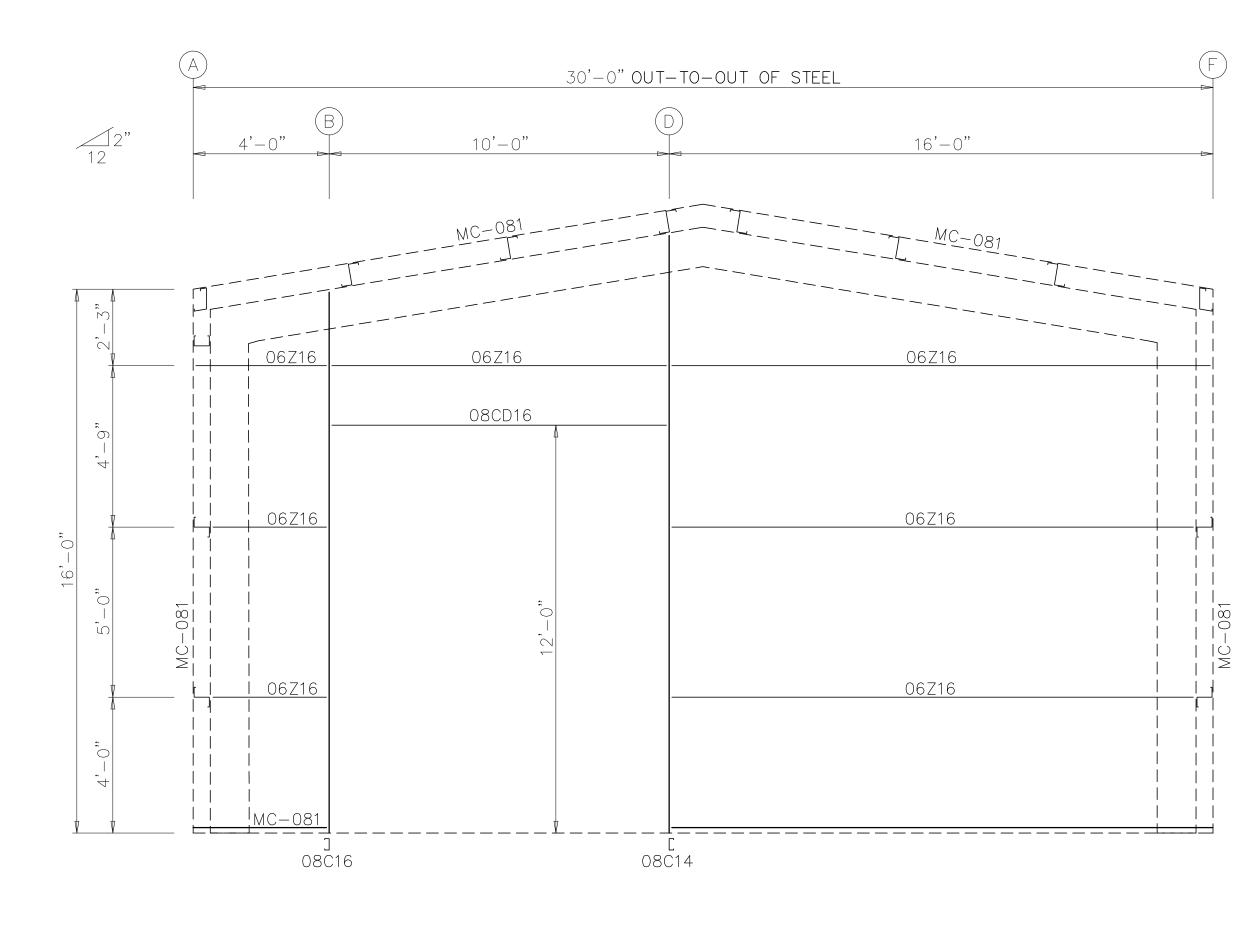


RIGID FRAME CROSS SECTION: FRAME LINE 1 2 3 4

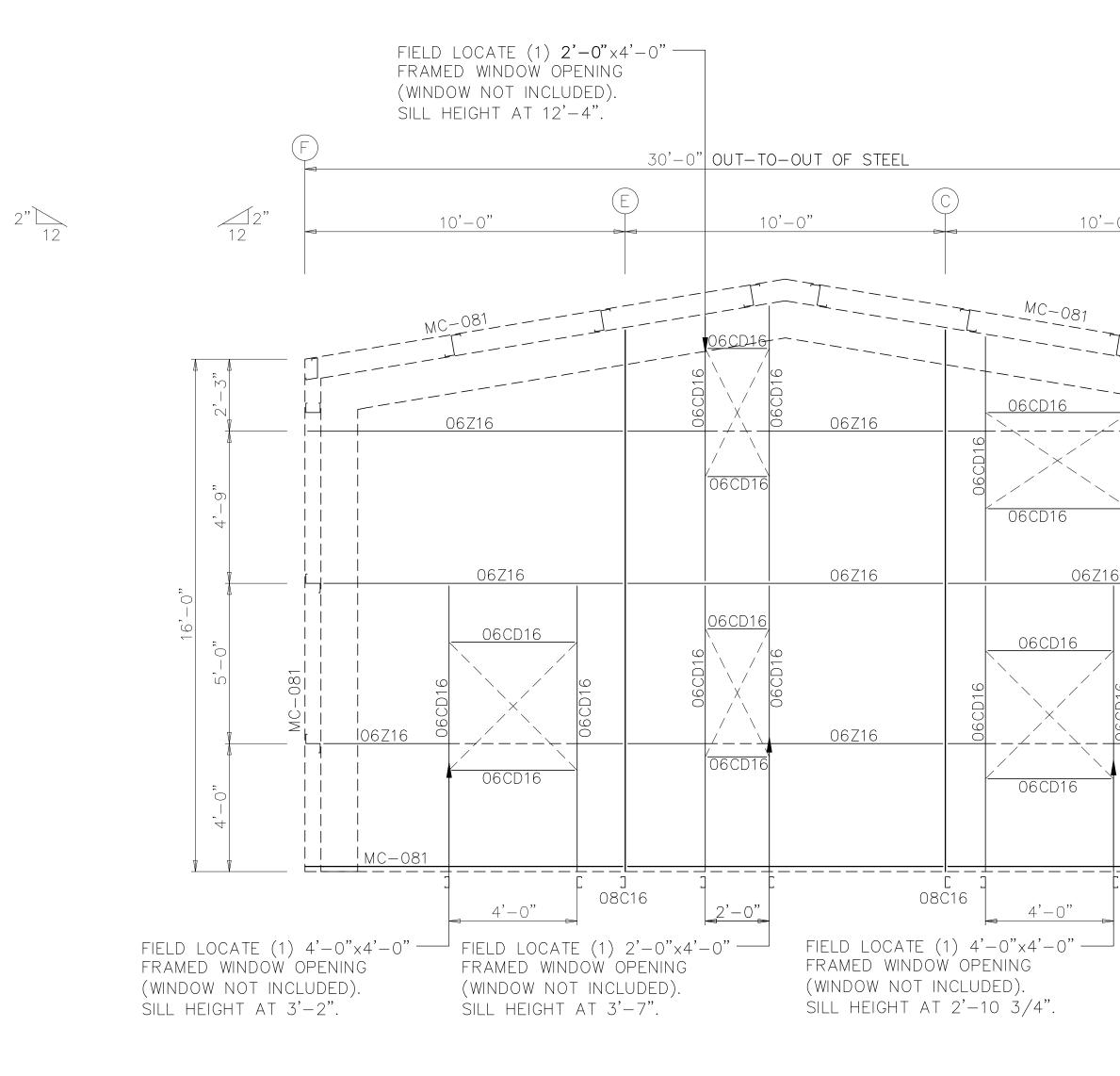
					MARK RF1-1 RF1-2 RF1-3 RF1-4	1 W 2 W 3 W	EMBER 14@022 14@022 14@022 14@022	LENGTH 14'-2 15/16" 14'-8 7/16" 14'-8 7/16" 14'-2 15/16"		
	2" 12	2								
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FB24.3A(1)	Ū			APPROVAL REQUIRED THIS DRAWING REPRESENTS STEELWAY'S INTERPRETATION OF THE CONTRACT REQUIREMENTS FOR THIS PROJECT. PLEASE PERFORM A THOROUGH REVIEW OF ALL ITEMS SHOWN. APPROVAL OF THIS DRAWING CONSTITUTES ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS. APPROVED FOR FABRICATION – NO CHANGES APPROVED FOR FABRICATION AS NOTED NO FURTHER APPROVAL REQUIRED REVISE AND RESUBMIT						
	<u>۸</u> _	16'-0"		THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ON APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGE BY DATE:						
	5,-0"			0 12/06/ Rev. Date CLIENT MK5 FOUN	E	By Des	ED FOR INF cription	ORMATION		
	Δ			PROJECT HB4631- PROJECT L						
 	4,-0"			GUELPH, (DRAWING N FRAME CR DRAWING N	NAME Ross se					
F				767 DRAWN BY Sheet: Ansi d (22"x3	κτ		CHECKED	BY ONLY TO EXSTEEL PRODUCTS		
				ex						

MEMBER SIZE TABLE

THIS DRAWING IS THE PROPERTY OF EXSTEEL BUILDING COMPONENTS AND MAY NOT BE REPRODUCED WITHOUT CONSEN

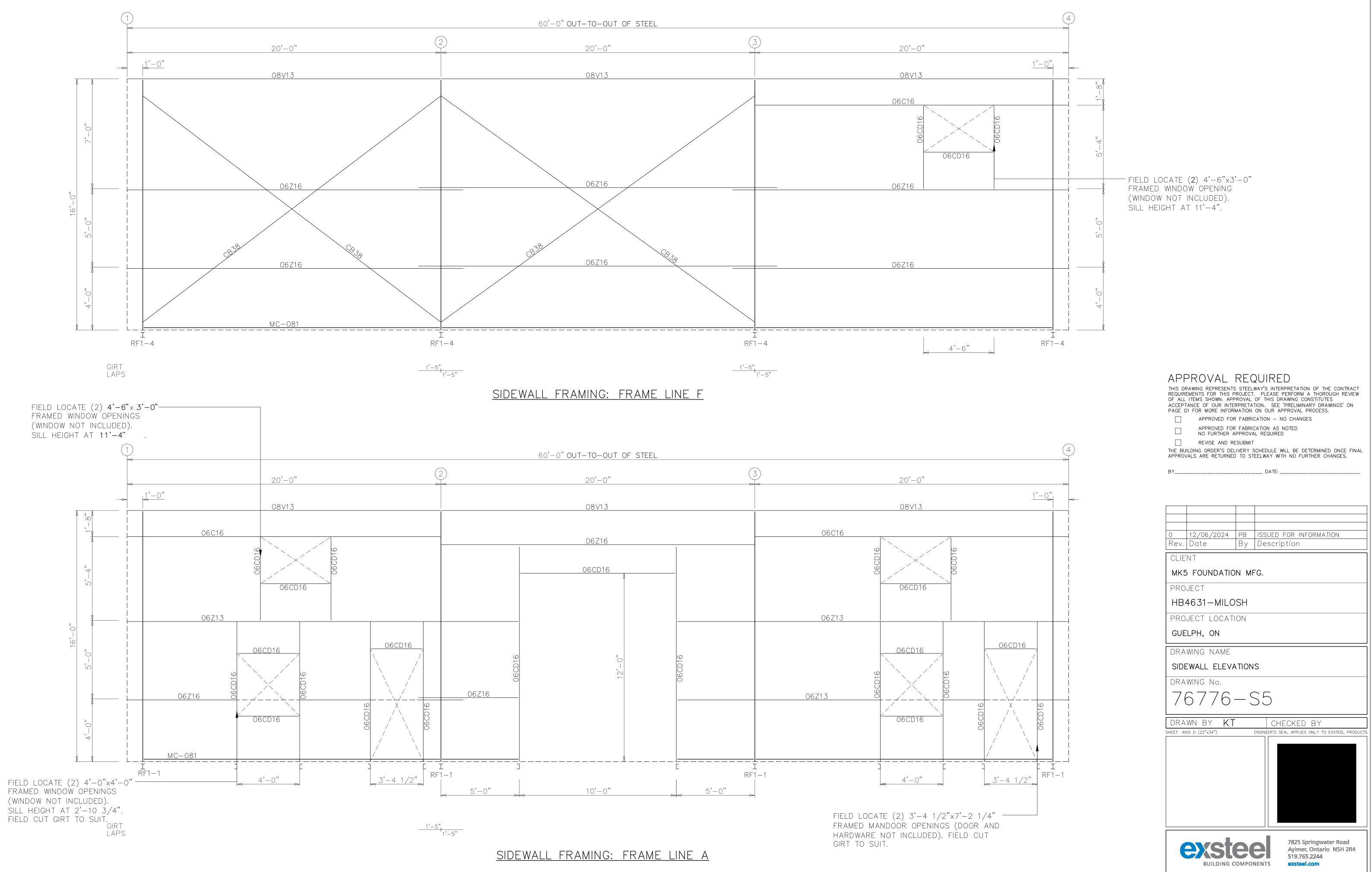


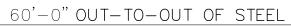
ENDWALL FRAMING: FRAME LINE 1



<u>ENDWALL FRAMING: FRAME LINE 4</u>

	BOLT TABLE FRAME LINE 1 & 4 LOCATION QUAN TYPE DIA LENGTH Columns/Raf 6 A325 1/2" 1 3/4" Jamb 4 Gr8.8 1/2" 1 1/2"
A 2"	2
FIELD FRAM (WIND	LOCATE (1) 4'-6"x3'-0" ED WINDOW OPENING DOW NOT INCLUDED). HEIGHT AT 11'-4".
	APPROVAL REQUIRED This drawing represents steelway's interpretation of the contract requirements for this project. Please perform a thorough review of all items shown. Approval of this drawing constitutes ACCEPTANCE OF OUR INTERPRETATION. SEE 'PRELIMINARY DRAWINGS' ON PAGE G1 FOR MORE INFORMATION ON OUR APPROVAL PROCESS. APPROVED FOR FABRICATION – NO CHANGES APPROVED FOR FABRICATION AS NOTED NO FURTHER APPROVAL REQUIRED REVISE AND RESUBMIT THE BUILDING ORDER'S DELIVERY SCHEDULE WILL BE DETERMINED ONCE FINAL APPROVALS ARE RETURNED TO STEELWAY WITH NO FURTHER CHANGES. BY DATE:
0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 12/06/2024 PB ISSUED FOR INFORMATION Rev. Date By Description CLIENT MK5 FOUNDATION MFG. PROJECT
	HB4631-MILOSH PROJECT LOCATION GUELPH, ON DRAWING NAME ENDWALL ELEVATIONS
	DRAWING No. 76776-S4 DRAWN BY KT CHECKED BY SHEET: ANSI D (22"x34") ENGINEER'S SEAL APPLIES ONLY TO EXSTEEL PRODUCTS
	CEXESTECCI BUILDING COMPONENTS 7825 Springwater Road Aylmer, Ontario N5H 2R4 519.765.2244 exsteel.com





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