



COMMITTEE OF ADJUSTMENT NOTICE OF PUBLIC HEARING APPLICATION NO. A-011-2024

TAKE NOTICE that an application has been received by the Town of Innisfil from Leanna Mohammed, applicant, on behalf of Agostino Dimarsico, 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 **PLAN 767 LOT 55** and is known municipally as **1041 Fern Road** and is zoned as "**Residential 1 (R1)**".

The applicant is proposing to construct a detached garage with a proposed Gross Floor Area (GFA) of 117.05 m^2 . The applicant is seeking relief from Section 3.3(b) of the Zoning By-law permits a maximum gross floor area of 50 m^2 for accessory structures in residential zones.

The Committee of Adjustment for the Town of Innisfil will consider this application in person at Town Hall and virtually through Zoom on **Thursday, May 16, 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: May 1, 2024

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

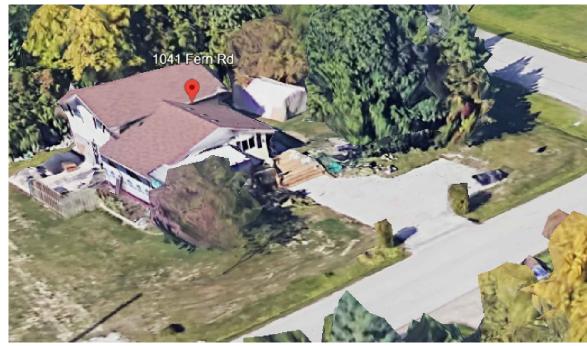
Agustino Dimarsico

1041 Fern Avenue, Innisfil, ON, L9S 4R7

INDEX OF DRAWINGS

SITE PLAN -
FOUNDATION PLAN
FLOOR PLAN
ELEVATIONS
ELEVATIONS
SECTION
ROOF PLAN





SITE PLAN



01	04-26-24	GT	City setback by-law
Rev.	Date	Ву	Description

CLIENT:

Agustino Dimarsico

PROJECT NAME

Agustino Dimarsico

PROJECT LOCATION

1041 Fern Avenue, Innisfil, ON, L9S 4R7

DRAWING TITLE:

TITLE PAGE

SCALE: DRAWN BY: CHECKED BY:
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APR.2024

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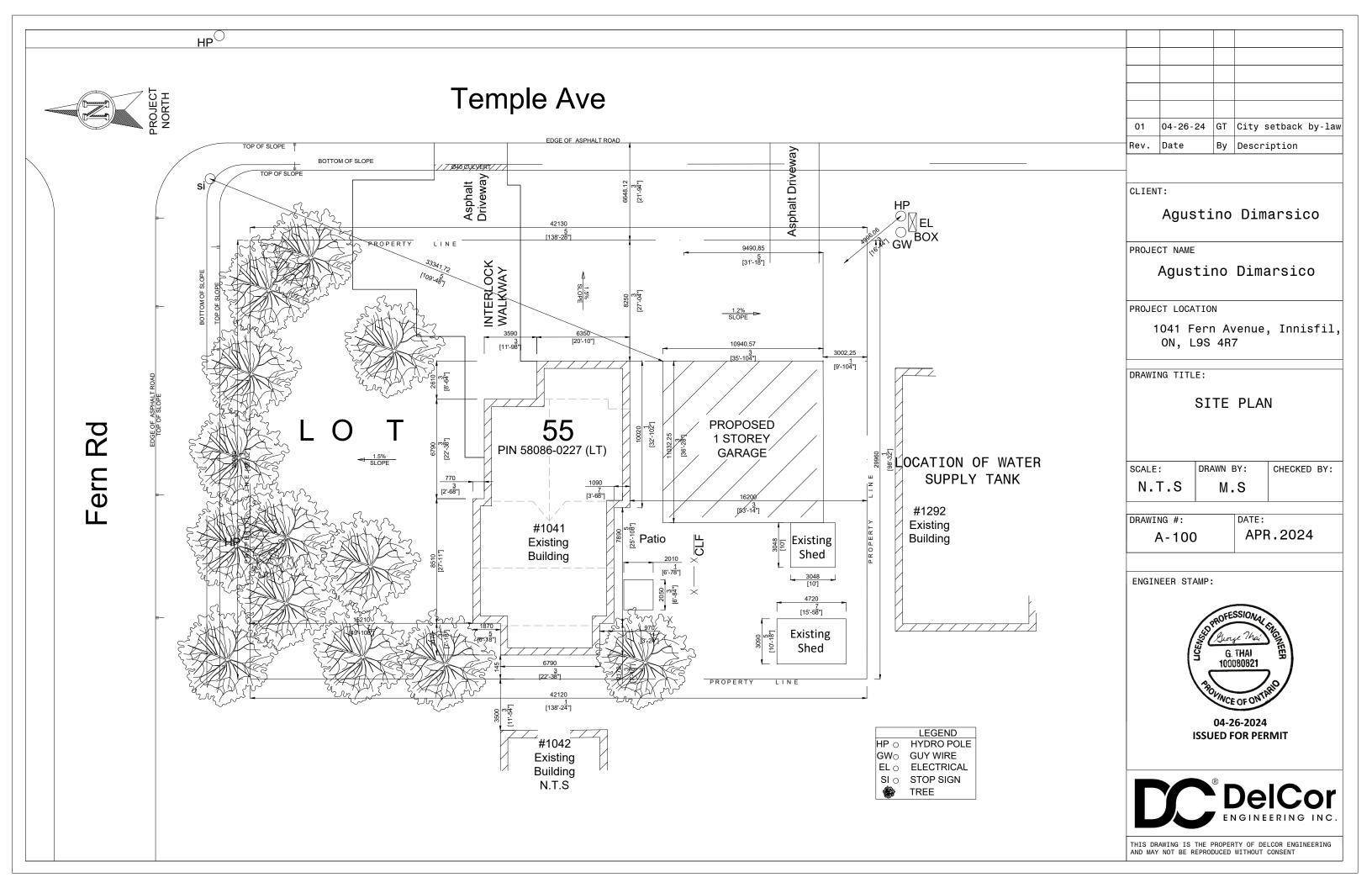
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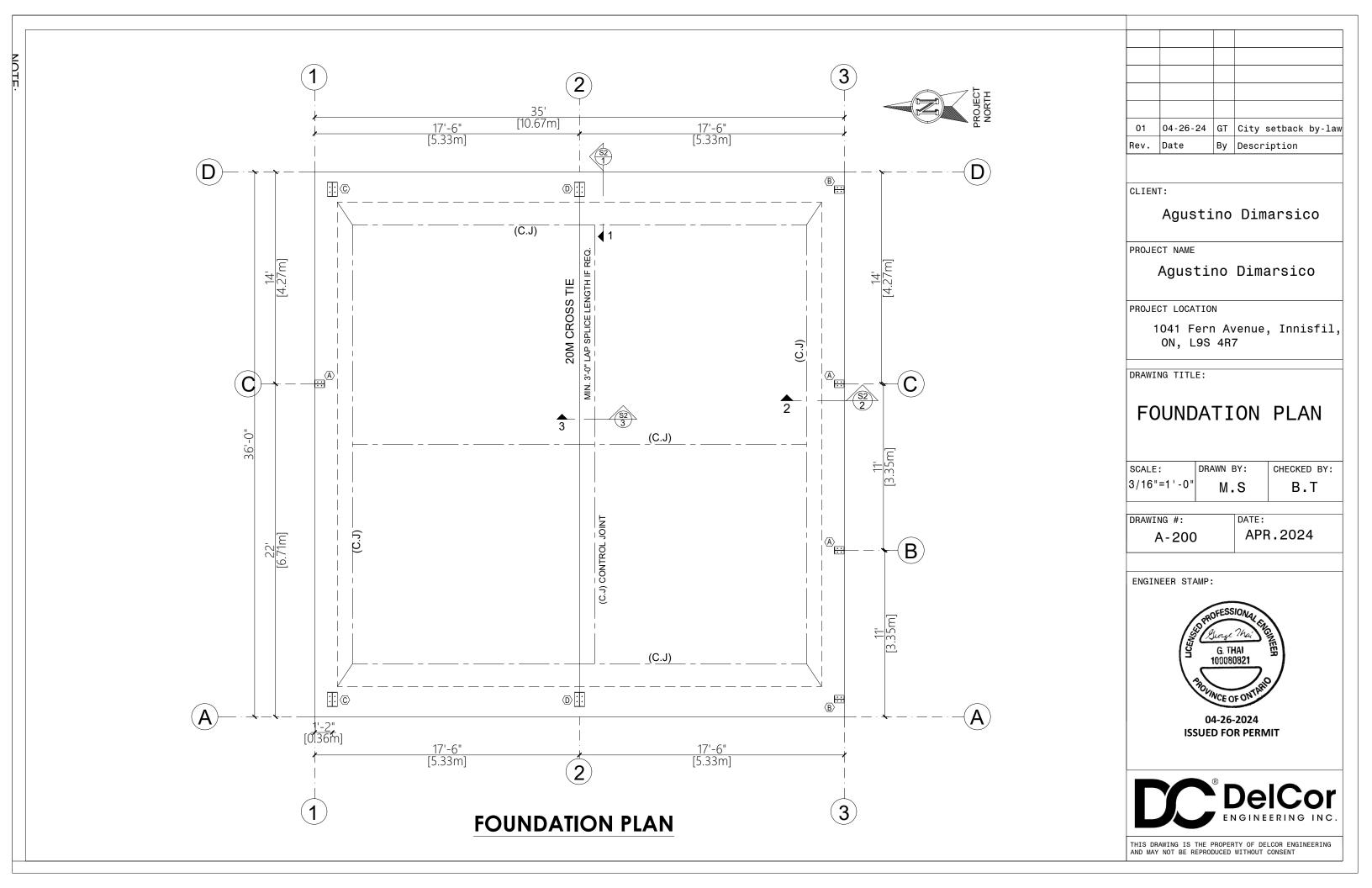


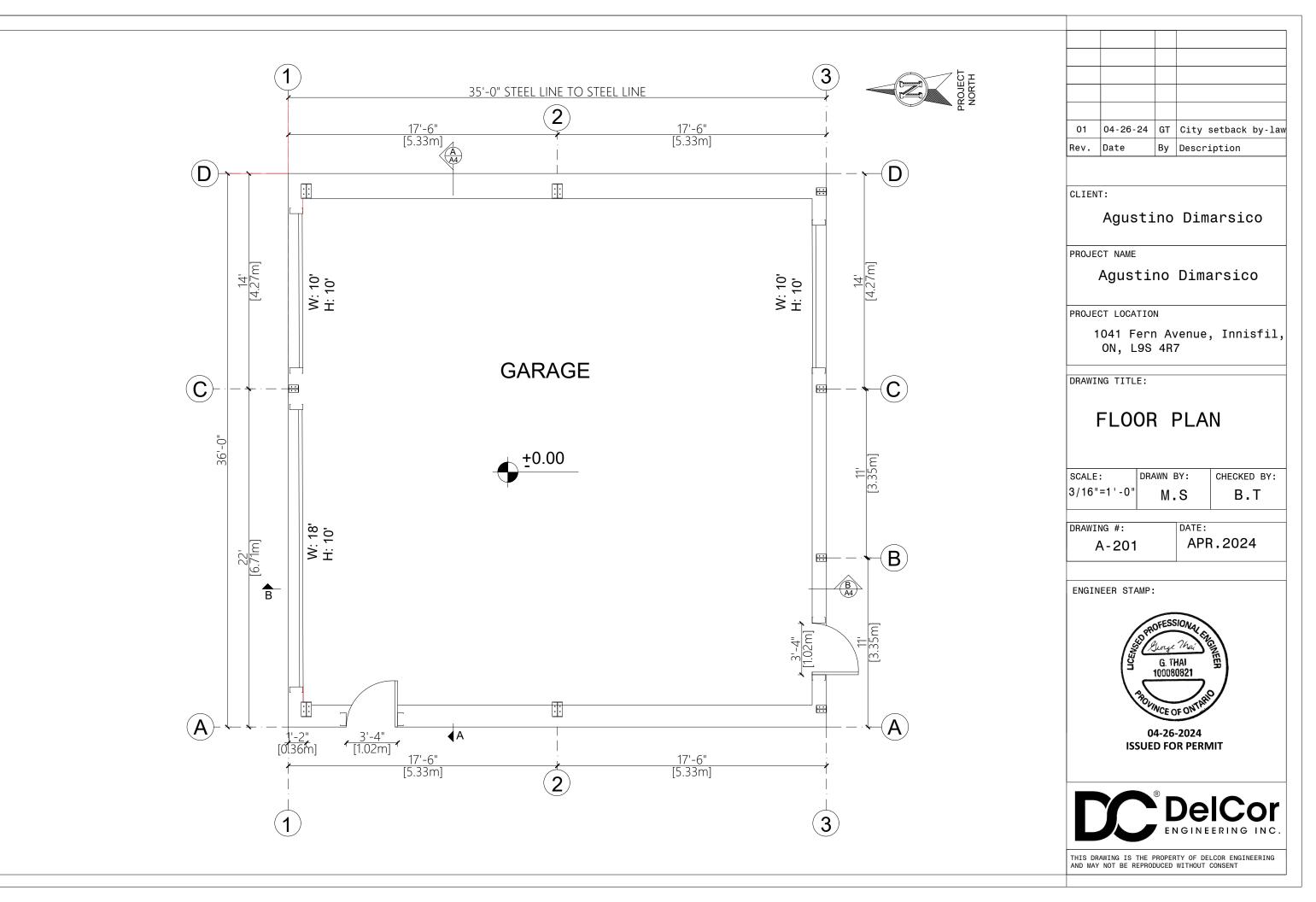
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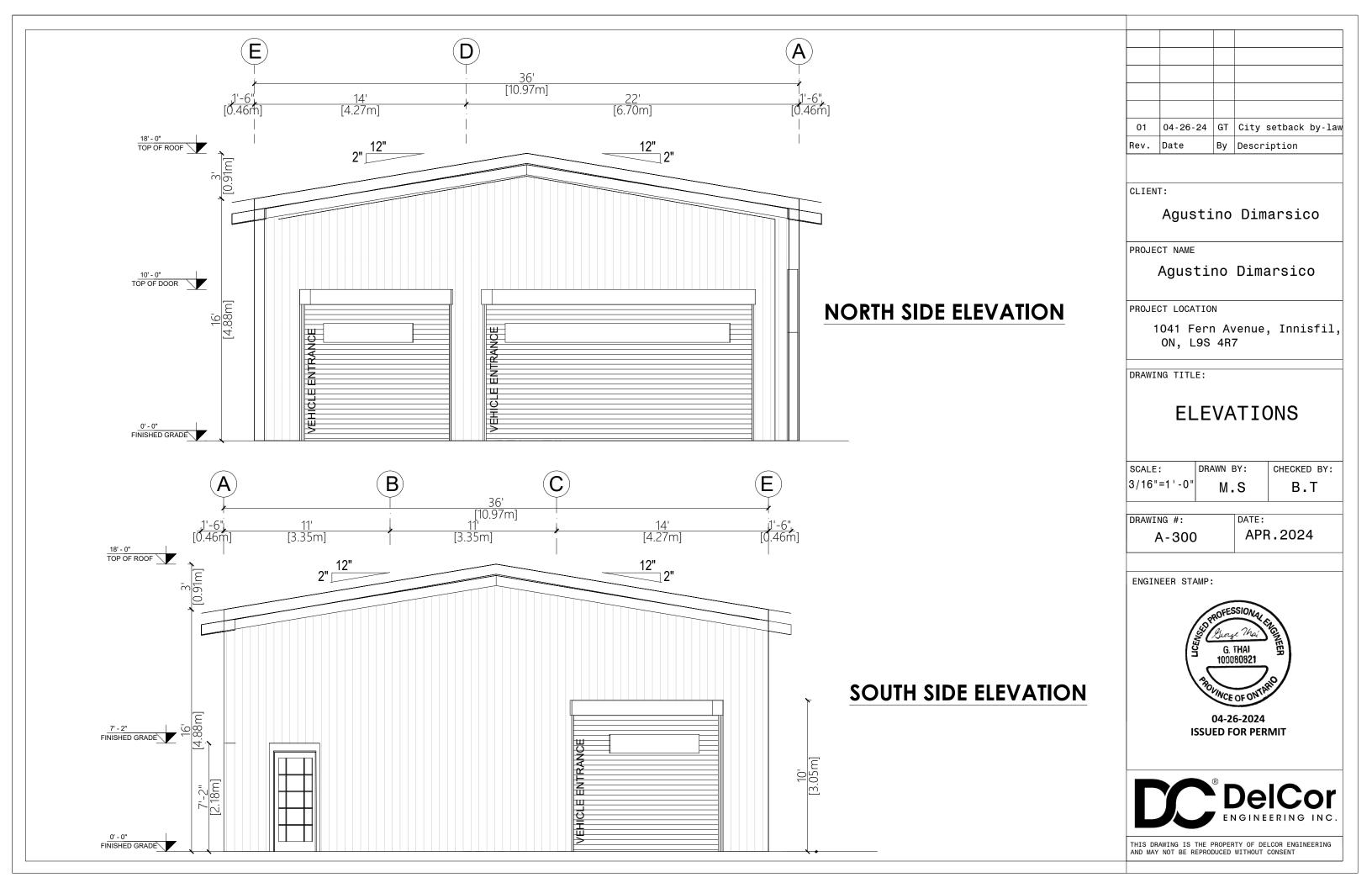


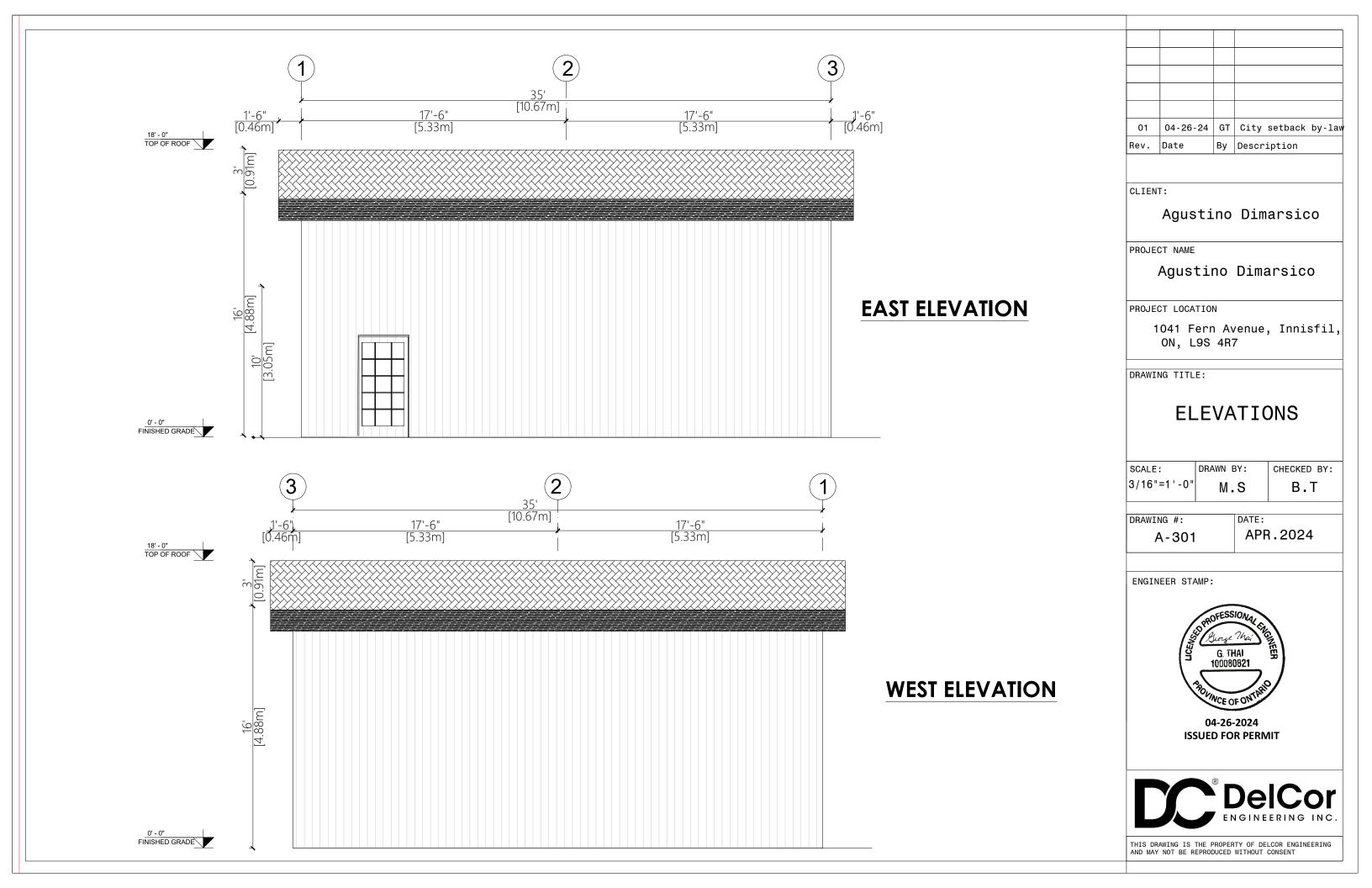
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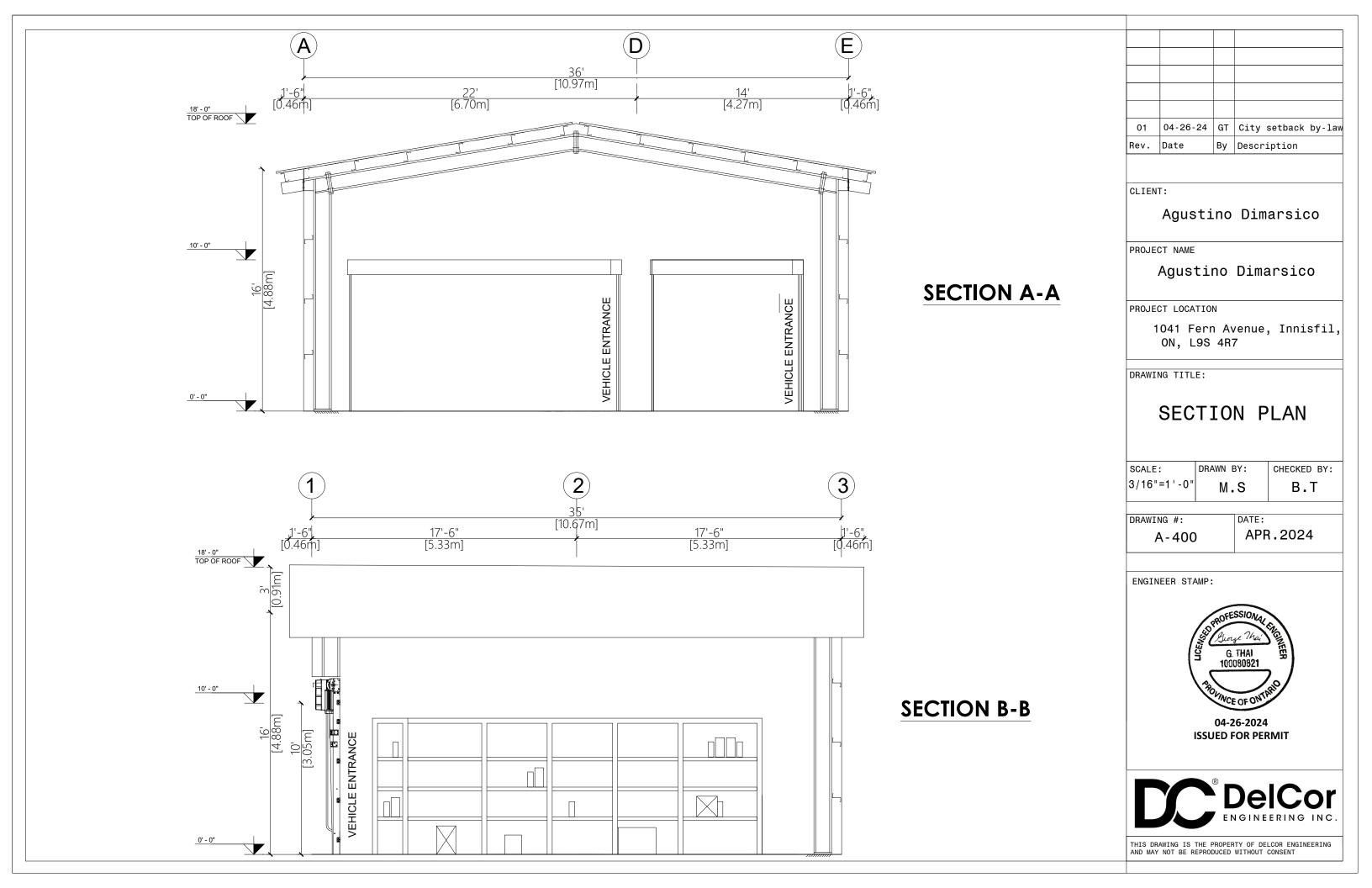


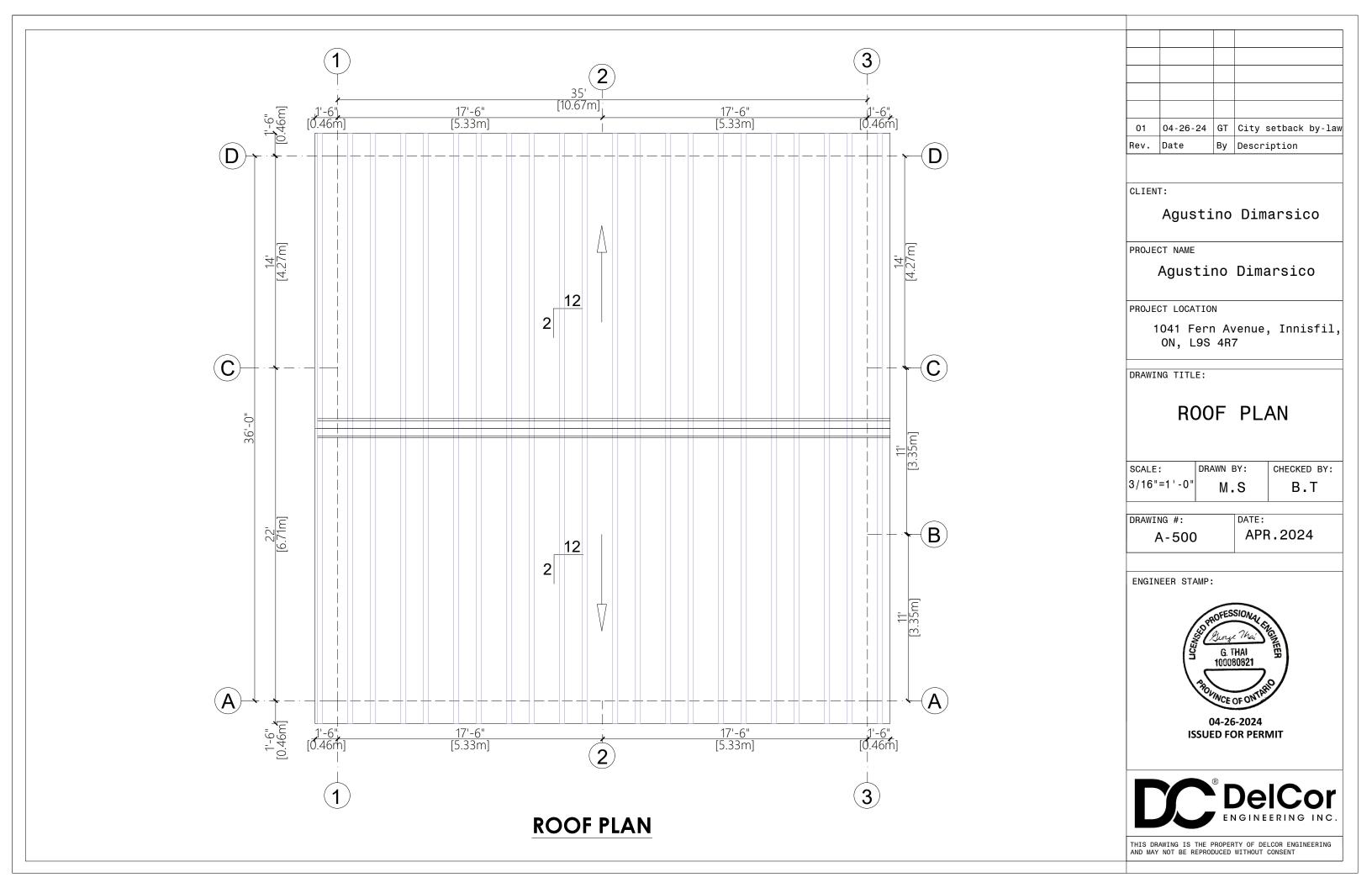












GENERAL NOTES

- 1. ALL DRAWINGS TO WHICH THEY RELATE CONTAIN THESE NOTES. IF THERE ARE DISCREPANCIES EXIST BETWEEN DRAWINGS, NOTES OR THE CODES, THE MOST RESTRICTIVE SHALL APPLY.
- 2. DRAWINGS ARE NOT BE SCALED.
- 3. ALL STRUCTURAL DRAWINGS ARE TO BE USED IN CONJUNCTION WITH APPLICABLE ARCHITECTURAL, MECHANICAL, ELECTRICAL, LANDSCAPING, ETC. DRAWINGS.
- THE ENGINEER MUST BE NOTIFIED OF ANY DISCREPANCIES FOUND IN THE DRAWINGS BEFORE BEGINNING ANY CONSTRUCTION OR PRELIMINARY WORK.
- THE PROVINCIAL OCCUPATIONAL HEALTH AND SAFETY ACT, REGULATIONS, ALL APPLICABLE CODES, ORDINANCES, AND RECOGNIZED INDUSTRY STANDARDS MUST ALL BE FOLLOWED IN THE COURSE OF WORK.
- 6. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE CURRENT CONDITIONS AND ENSURING ALL NEW WORK IS COMPATIBLE WITH THE EXISTING CONDITIONS.
- TO AVOID DAMAGE TO THE EXISTING STRUCTURE, THE CONTRACT SHALL TAKE ALL PREVENTIVE MEASURES. IF THE
 CONTRACTORS CAUSE DAMAGE TO THE EXISTING STRUCTURE, DELCOR ENGINEERING INC. WILL NOT BE HELD
 LIABLE.
- 8. PRIOR TO WORK COMMENCING, IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITY SERVICES WITHIN THE WORK AREA. THE CONTRACTOR MUST CONTACT THE OWNERS REPRESENTATIVE AT MINIMUM 48 HOURS IN ADVANCE OF ANY EVENTS THAT CAN CAUSE DISRUPTIONS WHILE CONSTRUCTION IS UNDERWAY.
- 9. THE CONTRACTOR IS REQUIRED TO NOTIFY THE ENGINEER AT LEAST 48 HOURS IN ADVANCED FOR ENGINEERING TEST SERVICES SUCH AS CONCRETE AND COMPACTION.
- 10. THE SPECIFICATIONS, ENGINEERING, DESIGN AND PLANS THAT ARE PROVIDED ARE ONLY FOR THE PROJECT THAT IS MENTIONED IN THIS DOCUMENT. IF ANY OF THESE PLANS, SPECIFICATIONS OR THE ACCOMPANYING ADVICE, DESIGN, OR INSTRUCTIONS ARE USED ON ANY PROJECT OR AT A LOCATION OTHER THAN MENTIONED ABOVE, DELCOR ENGINEERING INC. DISCLAIMS ALL LIABLITY.
- 11. BEFORE STARTING WORK, THE CONTRACTOR SHALL CONFIRM ALL DIMENSIONS AND CONDITIONS ON THE PROJECT SITE AND NOTIFY THE ENGINEER ANY ERRORS, OMISSIONS, OR POSSIBLE DISCREPANCIES BETWEEN FIELD CONDITIONS AND DRAWINGS. THE SITE AND BUILDING LAYOUT SHALL RECEIVE SPECIAL CARE.

FOUNDATION AND GEOTECHNICAL NOTES

- 1. A MINIMUM OF 200mm (6") GRANULAR MATERIAL COMPACTED TO 98% S.P.M.D.D UNDER ALL SLABS.
- 2. THE FOUNDATIONS HAVE BEEN DESIGNED TO SUPPORT A MIN. NET BEARING CAPACITY OF SLS 150kPa (3133 psf) /ULS (FACTORED) 225kPa (4700 psf) AND AN ASSUMED FACTORED SLIDING COEFFICIENT OF 0.55 FOUND ON NATURAL UNDISTURBED INORGANIC SOIL.
- 3. AN ON-SITE GEOTECHNICAL ENGINEER MUST APPROVE THE ASSIGNED SAFE NET BEARING PRESSURE FOR EACH FOOTING AS WELL AS THE MINIMUM SITE CLASS 'D' AS PER OBC 4.1.8.4. THE FOUNDATION DETAILS WILL BE MODIFIED BY THE ENGINEER IN ACCORDANCE WITH THE CURRENT SITE CONDITIONS IN THE EVENT THAT THE NET BEARING PRESSURE OR SITE CLASSIFICATION USED FOR DESIGN IS NOT APPROVED. ALL FOOTINGS SHALL BE CONSTRUCTED ON SUITABLE BEARING MATERIAL.
- 4. SOFT OR FROZEN SOIL MATERIAL BENEATH FOUNDATIONS CAN BE REPLACED WITH CONCRETE OF 15 MPa (2000psi) AND HAS A MINIMUM 28 DAY STRENGTH TO THE UNDERSIDE OF FOOTING.
- 5. THE CONTRACTOR MUST CONSTRUCT THE FOOTING ON A LEVEL SKIM SLAB OF 2" THICK AND 15 MPa (2000psi) MINIMUM 28 DAY STRENGTH, IF SOIL SOFTENING OCCURS AFTER EXCAVATION OR AS REQUIRED BY THE SOILS REPORT. THIS SHALL BE DONE PRIOR TO ANY SUBSEQUENT CONCRETE FOUNDATION POUR.
- 6. EXTERIOR WALLS AND COLUMN FOOTINGS ARE TO BE INSTALLED AT LEAST 4'-0" (ASSUMED FROST DEPTH) BELOW THE FINISHED GRADE. THE ASSUMED FROST DEPTH WILL BE CONFIRMED BY A GEOTECHNICAL ENGINEER PRIOR TO INSTALLATION. DURING CONSTRUCTION, ALL FOOTINGS, WALLS, SLABS ON-GRADE, AND ADJACENT SOIL WILL BE PROTECTED FROM FREEZING AND FROST ACTION (DOES NOT APPLY TO FLOATING SLABS).
- 7. IF THERE ARE VARIATIONS OF THE FOOTING SUBSIDE ELEVATION, STEP FOOTINGS ARE REQUIRED. THE DETAILS ARE TO BE SPECIFIED IN THE FOUNDATION PLAN.
- FOOTING ELEVATIONS SHALL BE LOCATED FOR BURIED ELECTRICAL OR MECHANICAL SERVICE WITHIN THE SITE.
 THE SLOPE OF THE LINE BETWEEN ADJACENT FOOTING ELEVATIONS TO 7 IN 10 MAXIMUM WITH A MAXIMUM RISE OF
 2'-0" IS USED TO PREVENT UNDERMINING AND OVERLOADING OF ADJACENT AND EXISTING FOOTINGS,
- 9. ASTM 820 TYPE 1 MUST BE COMPLIANT WHEN USING STEEL FIBRES FOR REINFORCE CONCRETE. IT MUST BE PLACED AND PREPARED IN COMPLIANCE WITH ASTM C1116 REQUIREMENTS.
- 10. NON-METALIC REINF. SHALL BE COMPLIANT WITH EUROPEAN STANDARD EN 14889-22006 FIBRES FOR CONCRETE PART 2: CLASS 1A AND CARRIES CE MARKING. ASTM C1116 REQUIREMENTS REGARDING PREPARATION AND PLACEMENT MUST BE FOLLOWED FOR FIBRE-REINF. CONCRETE.

- 11. EXCAVATED MATERIAL TO BE RE-USED AS BACKFILL MUST BE APPROVED BY THE GEOTECHNICAL CONSULTANT. BACKFILL UNDERSIDE OF SLAB-ON-GRADE WITH OPSS GRANULAR 'B' MUST BE COMPACTED IN 6" MAXIMUM LIFTS TO 98% STANDARD PROCTOR DENSITY AT OPTIMUM MOISTURE CONTENT.
- 12. SLAB-ON-GRADE MAY BE PLACED ON NON-ORGANIC MATERIAL FILL SOIL. ALL FILL MATERIAL MUST BE APPROVED BY THE SOILS ENGINEER. IF THE FILL IS FOUND NOT ACCEPTABLE, REMOVE IT TO UNDISTURBED SOIL AND REPLACE IT WITH GRANULAR 'B.'
- 13. PLACING BACKFILL ON BOTH SIDES OF THE WALL MUST BE DONE SIMULTANEOUSLY, AND AT NO POINT IN TIME THE HEIGHT DIFFERENTIAL BETWEEN THE TWO SIDE EXCEEDIES 2'-0". BACKFILL IS NOT PERMITTED AGAINST NEWLY POURED CANTILEVERED RETAINING WALLS UNTIL THE CONCRETE HAS ACHIEVED THE DESIGN 28 DAY STRENGTH.
- 14. THE SLAB-ON-GRADE MAY HEAVE RESULTING IN ADDITIONAL SLAB CRACKING DUE TO THERMAL EFFECTS. THIS HEAVING IS CAUSED BY THE PERIMETER RIGID INSULATION NOT BEING INSTALLED AND THE NATURAL SOIL BASE IS NOT FREE DRAINING GRANULAR MATERIAL, AND/OR THE WATER TABLE IS NOT BELOW FROST DEPTH. AS SUCH, THIS WILL NOT BE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.
- 15. ARCHITECTURAL DRAWINGS MUST BE USED TO VERIFY ALL FOOTING LOCATIONS AND DIMENSIONS. UNLESS OTHERWISE SPECIFIED ON THE STRUCTURAL DRAWINGS, HORIZONTAL CONSTRUCTION OR "COLD JOINTS" IN CONCRETE RETAINING WALLS ARE NOT PERMITTED.
- 16. THE FIRST FLOOR SLAB MUST BE CONSTRUCTED AND THE CONCRETE 28 DAY DESIGN STRENGTH FOR BOTH THE WALLS AND THE FLOOR HAS BEEN ATTAINED BEFORE BACKFILL CAN BE PLACED AGAINST THE BASEMENT RETAINING WALLS
- 17. THE DESIGN OF RETAINING EARTH WALLS HAS BEEN DONE WITH AN ASSUMPTION OF A 15 kPa (250psf) SURCHARGE. THE LATERAL PRESSURE OF SOIL AGAINST RETAINING WALLS HAS BEEN ASSUMED TO BE 38pcf EQUIVALENT FLUID PRESSURE (ASSUMED DRAINED MATERIAL).

STEEL AND CONCRETE CONSTRUCTION

- 1. STEEL BARS INTENDED FOR REINFORCEMENTS MUST BE MANUFACTURED IN ACCORDANCE WITH CSA STANDARD CSA-G30.18 AND GRADE 400 (400 MPa / 60,000psi).
- ASTM STANDARD A1064/A1064M MSUT BE COMPLIANT FOR WELDING WIRE FABRIC, WHERE THE 450 MPa (65,000 psi) IS THE MINIMUM YIELD STRENGTH.
- THE RECENT ISSUE OF THE REINFORCING STEEL MANUAL OF STANDARD PRACTICE PUBLISHED BY THE REINFORCING STEEL INSTITUTE OF CANADA HAS BEEN USED TO DETAIL STANDARDS FOR ALL REINFORCING STEEL
- UNLESS OTHERWISE NOTED, LAP CONTINUOUS REINF. STEEL 30 BAR DIAMETERS AT SPLICES AND CORNERS, WITH THE EXCEPTION OF FOOTINGS AND AS OTHERWISE NOTED, SPLICE TOP STEEL AT MIDSPAN AND BOTTOM STEEL AT SUPPORTS.
- EXCEPT WHERE SPECIFIED OTHERWISE, BEAR 4" AND 6" MASONRY PARTITION WALLS ON SLAB-ON-GRADE.
 BEAR ALL MASONRY WALLS ON FOOTINGS AS DETAILED.
- 5. THE SPECIFICATOINS FOR CAST-IN-PLACE CONCRETE ARE BASED ON CSA A23.1. THE CONTRACTOR AND SUPPLIER ARE REQUIRED TO ADHERE TO CSA STANDARDS CAN-A23.1 AND A23.2 REGARDING CONCRETE MIX COMPONENTS, PLACING, CURING, AND TESTING.
- 7. A CONCRETE READY-MIX SUPPLIER MUST BE A MEMBER IN GOOD STANDING OF THEIR PROVINCIAL READY-MIX CONCRETE ASSOCIATION.
- 8. ALL STRUCTURAL CONCRETE MUST HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 25 MPa FOR UNEXPOSED ELEMENTS AND 30MPA FOR EXPOSED ELEMENTS, UNLESS OTHERWISE SPECIFIED.
- THE FOLLOWING CSA A23.1 EXPOSURE CLASSES ARE LISTED BELOW, AND THE CONCRETE SUPPLIER AND CONTRACTOR RESPONSIBLE FOR CONCRETE MUST SUPPLY CONCRETE THAT SATISFIES THESE REQUIREMENTS.
 - a. CLASS C1: CONCRETE EXPOSED TO CHLORIDES INCLUDING EXPOSURE TO DE-ICING SALTS DURING WINTER MONTHS. THIS INCLUDES BUT IS NOT LIMITED TO REINF. FOOTINGS, WALLS AND PIERS IN THE VICINITY OF PARKING LOTS OR PATHWAYS WHERE USE OF DEICING SALTS CAN BE REASONABLY EXPECTED OVER A 50 YR. SERVICE LIFE; IF C-1 APPLIES, COMBINE IT WITH ONE OF THE FOLLOWING EXPOSURE CLASSES AS PER SENTENCE 2C AS NECESSARY.
 - CLASS N: FOOTINGS WITH MIN. FROST COVER TO TOP OF FOOTINGS (SEE DETAILS/SECTIONS), INTERIOR SLABS, WALLS, PIERS, PEDESTALS AND COLUMNS (HEATED BUILDING ONLY, FOR UNHEATED BUILDINGS SEE NOTE "c"
 - c. CLASS F-2: EXTERIOR FOUNDATION WALLS, FOOTINGS WITH INADEQUATE FROST COVER, RETAINING WALLS EXTERIOR PIERS/COLUMNS.
 - CLASS C-2 SIDEWALKS AND CURBS.

Rev. Date By Description

CLIENT:

Agostino Dimarsico

PROJECT NAME

Agostino Dimarsico

PROJECT LOCATION

1041 Fern Avenue, Innisfil, ON, L9S 4R7

DRAWING TITLE:

GENERAL NOTES

SCALE: DRAWN BY: CHECKED BY:

N.T.S A.R G.T

DRAWING #:

DATE

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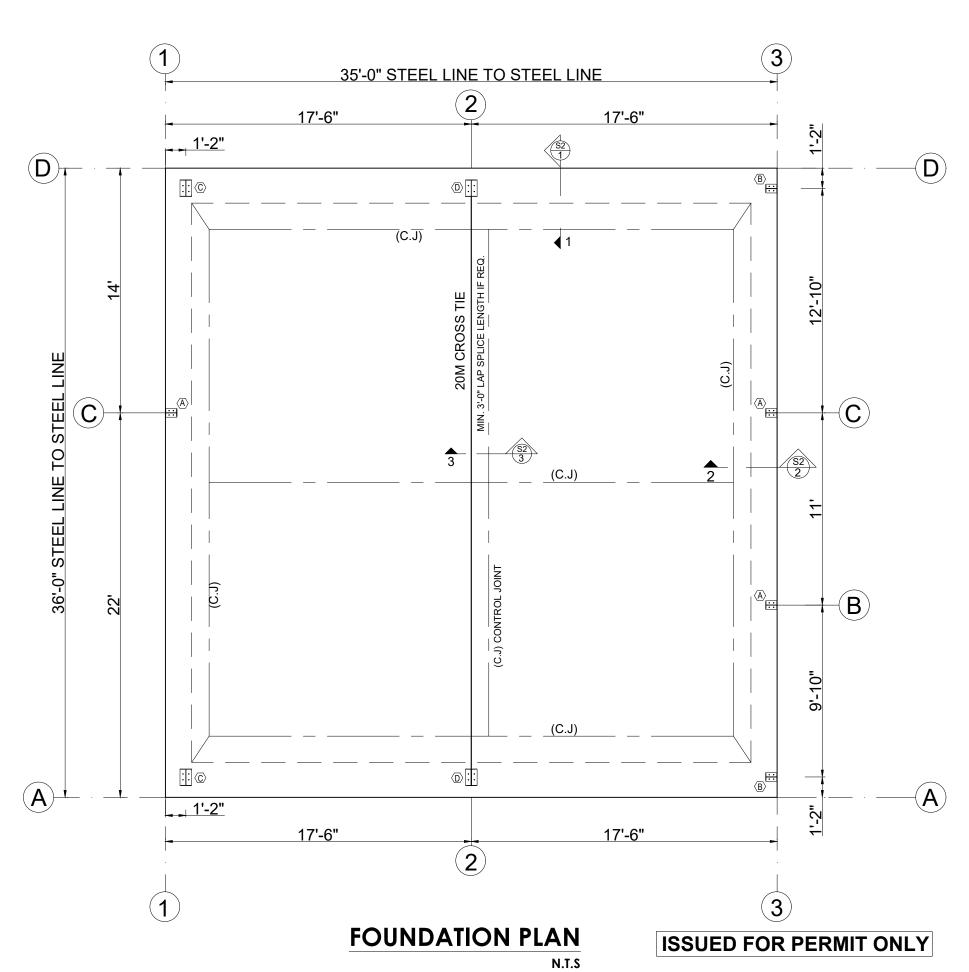
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NOTE:

1- INSIDE THE BUILDING, 6" CONCRETE SLAB ON MIN 6" GRAN. 'B' BASE COMPACTED TO 98% S.P.M.D.D, fc MIN. 25 MPa.

2- IF THE SURROUNDING INSULATION IS OMITTED AND THE NATURAL SOIL BASE IS NOT FREE DRAINING GRANULAR MATERIAL,
AND/OR THE WATER TABLE IS NOT BELOW FROST DEPTH, THE SLAB-ON-GRADE MAY HEAVE. THIS WILL RESULT IN ADDITIONAL SLAB
CRACKING DUE TO THERMAL EFFECTS. THIS WILL NOT BE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.

3- FOUNDATION ASSUMED TO BE INSTALLED ON FREE DRAINING GRANULAR SOIL AND WATER TABLE ASSUMED TO BE BELOW
FROST DEPTH. ASSUMPTIONS TO BE CONFIRMED BY GEOTECHNICAL CONSULTANT PRIOR TO PROCEEDING WITH WORK.

4- BUILDING ASSUMED TO BE HEATED.

CLIENT:

Rev.

Agostino Dimarsico

By Description

PROJECT NAME

Agostino Dimarsico

PROJECT LOCATION

1041 Fern Avenue, Innisfil, ON, L9S 4R7

DRAWING TITLE:

FOUNDATION PLAN

DRAWN BY: SCALE: CHECKED BY: N.T.S A.R G.T

DRAWING #:

APR. 2024 AD-101

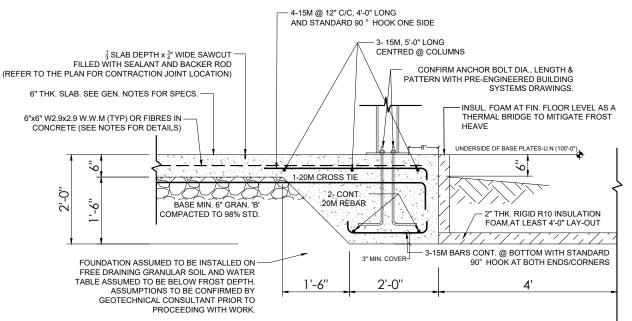
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SECTION 1-1, LINES A-1-3 & D-1-3 (DETAIL ALONG SLAB PERIMETER)

6"x6" W2.9x2.9 W.W.M (TYP)

OR FIBRES IN CONCRETE
(SEE NOTES FOR DETAILS)

TOP OF FIN. FLR.

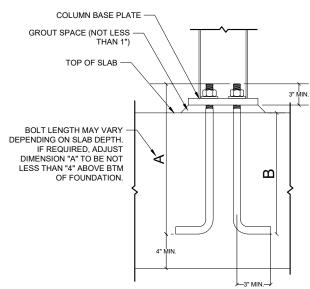
TOP OF FIN. FLR.

20M BAR @ FRAME LOCATION ONLY.

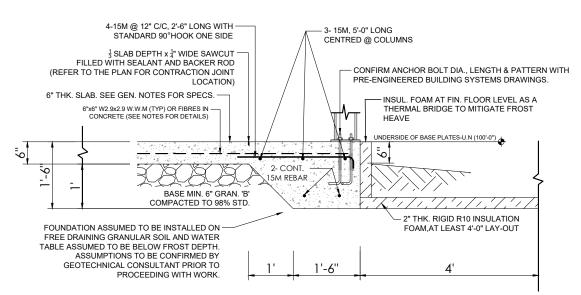
NOTE: BUILDING ASSUMED TO BE HEATED.

SECTION 3-3, (TYPICAL SECTION OF TIE-ROD @ FRAME LOCATIONS)

N.T.S



TYPICAL L-SHAPED ANCHOR BOLTS
S-2
NT.S



SECTION 2-2, LINES 1-A-D & 3-A-D (DETAIL ALONG SLAB PERIMETER)

N.T.S

ANCHOR ROD SCHEDULE (See Base Plate Details by STEEL BUILDINGS COMPANY DRAWINGS)										
BASE PLATE ANCHOR ROD SIZES & QUANTITY										
$\langle A \rangle$	(4) -3/4" Ø - A = 16" lg. (B=12" lg. EMBEDMENT) F1554 Gr. 36 STANDARD L-SHAPED									
$\langle B \rangle$	(4) -3/4" Ø - A = 16" lg. (B=12" lg. EMBEDMENT) F1554 Gr. 36 STANDARD L-SHAPED									
⟨C⟩	(4) -3/4" Ø - A = 18" lg. (B=14" lg. EMBEDMENT) F1554 Gr. 36 STANDARD L-SHAPED									
$\langle D \rangle$	(4) -3/4" Ø - A = 18" lg. (B=14" lg. EMBEDMENT) F1554 Gr. 36 STANDARD L-SHAPED									
REFER TO DRAWINGS BY STEEL BUILDINGS COMPANY FOR COLUMN BASE PLATE SIZES										

IMPORTANT NOTE:

- 1- IF THE SURROUNDING INSULATION IS OMITTED AND THE NATURAL SOIL BASE IS NOT FREE DRAINING GRANULAR MATERIAL, AND/OR THE WATER TABLE IS NOT BELOW FROST DEPTH, THE SLAB-ON-GRADE MAY HEAVE. THIS WILL RESULT IN ADDITIONAL SLAB CRACKING DUE TO THERMAL EFFECTS. THIS WILL NOT BE THE RESPONSIBILITY OF THE STRUCTURAL ENGINEER.
- 2- MINIMUM 3" COVER AT THE BOT. OF FOUNDATION SHOULD BE PROVIDED.

ISSUED FOR PERMIT ONLY

Rev.	Date	Ву	Description

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Agostino Dimarsico

PROJECT NAME:

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1041 Fern Avenue, Innisfil, ON, L9S 4R7

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FOUNDATION DETAILS

SCALE: DRAWN BY: CHECKED BY:

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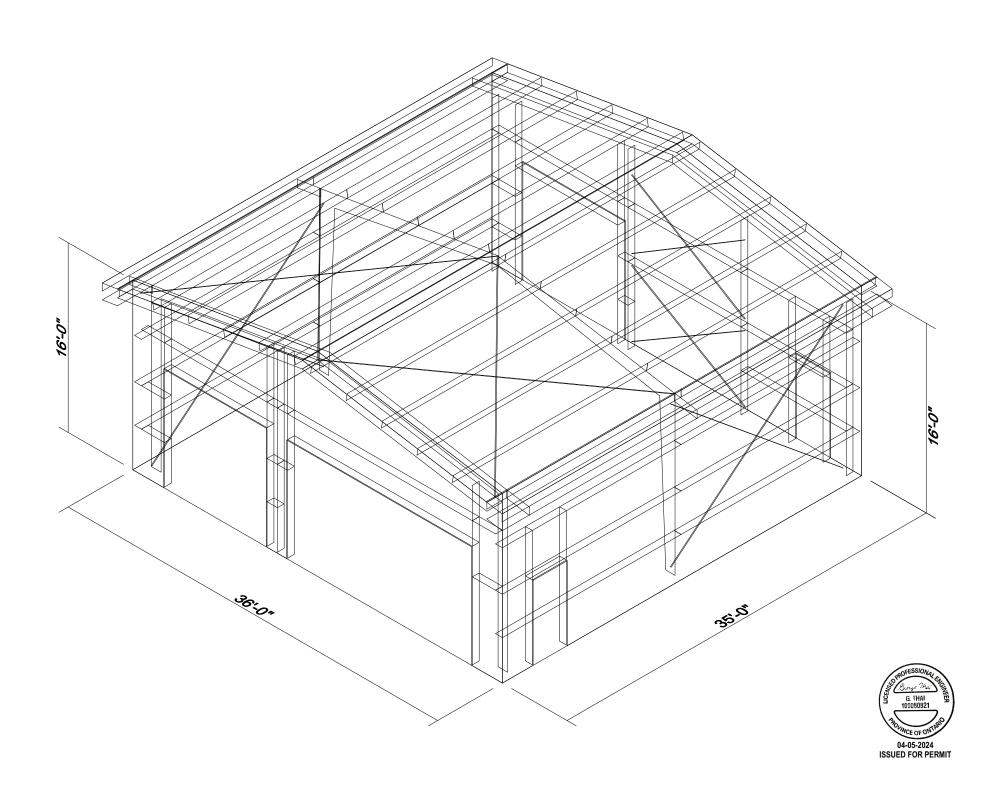
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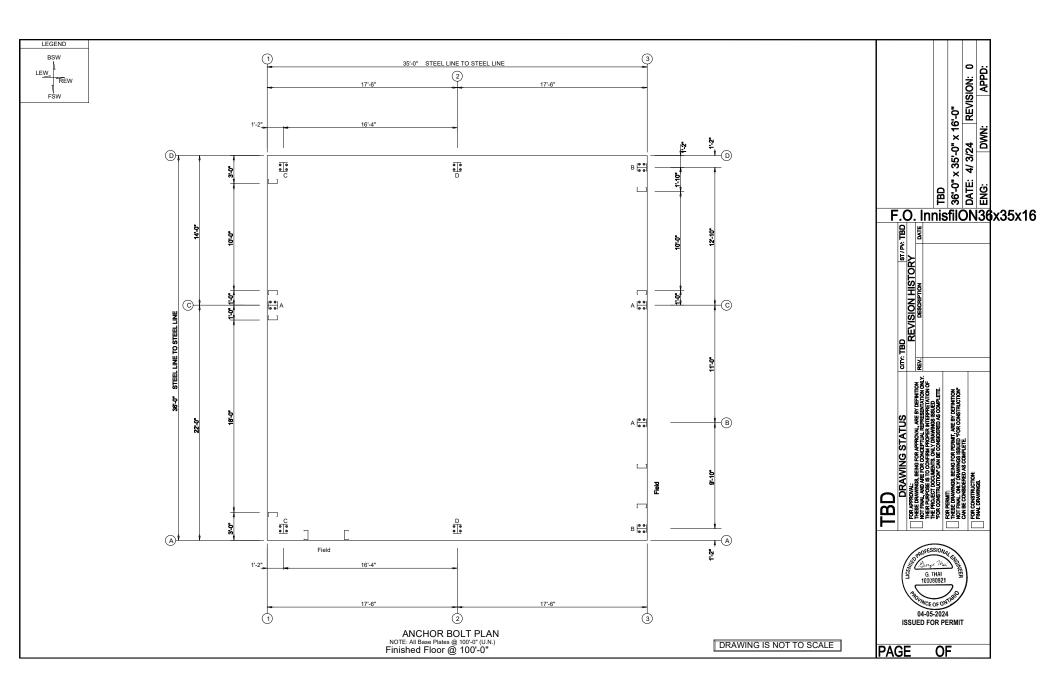
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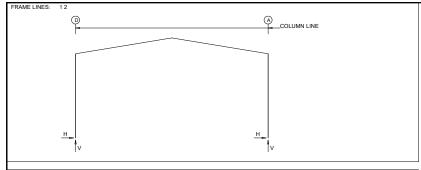




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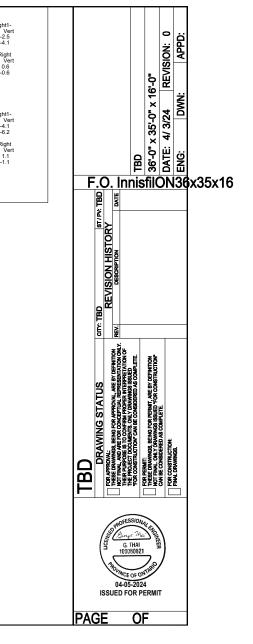




RIGID FRAME: ANCHOR BOLTS & BASE PLATES								
Frm Line	Col Line	Anc. Qty	_Bolt Dia	Base_ Width	Plate (in) Length	Thick	AFF/BFF (in)	
1 1	D A	4	0.750 0.750	8.000 8.000	11.50 11.50	0.500 0.500	0.0 0.0	
-								

RIGI	ID FR	AME	: AI	NCHOR E	BOLTS & B	ASE PLA	ATES
Frm Line	Col Line	Anc.	_Bolt Dia	Base_ Width	Plate (in) Length	Thick	AFF/BFF (in)
2 2	D A	4 4	0.750 0.750	8.000 8.000	11.50 11.50	0.500 0.500	0.0 0.0

KIGIL	FRAN				ACTIONS (,							
Frame	Column	Dea		Colla		Live		Sn		-Wind			Right1-
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
1	D	0.2	1.0	0.2	0.6	1.1	4.4	2.7	10.6	-1.7	-4.1	0.7	-2.5
1	Α	-0.2	1.0	-0.2	0.6	-1.1	4.4	-2.7	10.6	-0.7	-2.5	1.7	-4.1
Frame	Column	Wind	Left2-	-Wind	Right2-	Wind	Long1-	Wind	Long2-	-Seism	ic Left	Seismi	ic Right
Line	Line	Horz	Vert	Horz -	Vert	Horz	Vert	Horz	Vert	Horz	_ Vert	Horz	Vert
1	D	-2.0	-2.1	0.4	-0.5	0.2	-4.4	0.0	-3.9	-0.7	-0.6	0.7	0.6
1	Α	-0.4	-0.5	2.0	-2.1	0.0	-2.5	-0.2	-3.0	-0.7	0.6	0.7	-0.6
Frame	Column	-Seism	ic Long	F1UNE	SL L-	F1UNE	SL R-						
Line	Line	Horz	Vert	Horz	- Vert	Horz	- Vert						
1	D	0.0	-2.4	2.0	9.5	2.0	6.4						
1	Α	0.0	0.0	-2.0	6.4	-2.0	9.5						
Frame	Column	Dea	ad	Colla	teral-	Live	·	Sn	OW	-Wind	Left1-	-Wind	Right1-
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz -	Vert
2	D	0.4	1.6	0.4	1.3	2.6	8.7	6.3	20.8	-2.3	-6.2	0.8	-4.1
2	Α	-0.4	1.6	-0.4	1.3	-2.6	8.7	-6.3	20.8	-0.8	-4.1	2.3	-6.2
Frame	Column	Wind	Left2-	-Wind	Right2-	Wind	Long1-	Wind	Long2-	-Seism	ic Left	Seismi	ic Right
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert	Horz	Vert
2	D	-2.7	-2.3	0.4	-0.2	0.4	-5.8	0.2	-5.2	-1.3	-1.1	1.3	1.1
2	Ā	-0.4	-0.2	2.7	-2.3	-0.2	-5.1	-0.4	-5.7	-1.2	1.1	1.2	-1.1
Frame	Column	-Seism	ic Long	F2UNE	SL L-	F2UNE	SL R-						
Line	Line	Horz	Vert	Horz	Vert	Horz	Vert						
2	D	0.0	-2.4	4.7	18.5	4.7	12.6						
2	Ā	0.0	-2.2	-4.7	12.6	-4.7	18.5						



END Frm Line 1	Col Line C	Dead	LUMN: Wind Pres Horz -1.8	i V	Vind uct lorz	Seis Long Horz 0.1	EACTIONS	S (k)							
Frm Line 3 3 3 3	Col Line A B C D	Dead Vert 0.4 0.5 0.6 0.4	Colla Vert 0.2 0.3 0.4 0.2		ive ert	Snow Vert 3.4 5.7 7.4 4.0	Wind Horz 0.0 -0.9 0.0 0.0	Left1 Vert -0.8 -3.5 -0.3 -0.8	Wind Horz 0.0 0.0 0.9 0.0	Right1 Vert -1.2 0.3 -3.8 -1.6	Wind_ Horz 0.0 -0.9 0.0 0.0	Left2 Vert -0.1 -2.4 1.0 0.0	Wind Horz 0.0 0.0 0.9 0.0	Right2 Vert -0.6 1.3 -2.5 -0.8	
Frm Line 3 3 3 3	Col Line A B C D	Wind_ Horz -2.1 -1.0 -1.2 -0.6	Vert -1.3 0.0 0.0	Wind Horz 0.4 0.7 0.8 0.5	Suct Vert 1.3 0.0 0.0 0.0		Long1 Vert -1.0 -1.7 -1.9 -0.8	Wind Horz 0.0 -0.2 0.0 0.0	Long2 Vert -0.7 -1.4 -2.0 -1.3	Seis_ Horz 0.0 -1.3 0.0 0.0		Seis_ Horz 0.0 0.0 1.3 0.0	Right Vert 0.0 2.1 -2.2 0.1	Seis Horz -2.8 0.0 0.0 0.0	Long Vert -2.2 0.0 0.0 0.0
Frm Line 3 3 3 3	Col Line A B C D	E2UN Horz 0.0 0.0 0.0 0.0	6.0 4.1	E2UN Horz 0.0 0.0 0.0 0.0	B_SL_R Vert 1.7 2.6 7.0 4.1										

ANCHOR BOLT SUMMARY

	Qty	Locate	Dia (in)	Туре
⊕⊕	20 16	Endwall Frame	3/4" 3/4"	

BUILDING BRACING REACTIONS

w	all —	Col	Reactions in plane of wall † Reactions(k) Panel Shear							
Loc	Line	Line	Horz	Vert	Horz	Vert	Wind	Seis	Note	
L_EW F_SW R_EW B_SW	1 A 3 D	2,3 B,C 2,1	1.6 Bracii 1.6	* ng, see	2.8 EW read 2.8	* etions			(h)	
(h)Dinie	frame	at andwal								

*See RF reactions table for vertical and horizontal reactions in plane of the rigid frame.

Reactions for seismic represent shear force, V Reaction values shown are unfactored

END	WALL	COL	UMN:	ANCHOR BOLTS & BASE PLATES						
Frm Line	Col Line	Anc. Qty	Bolt Dia	Base_ Width	Plate (in) Length	Thick	AFF/BFF (in)			
1	С	4	0.750	6.000	7.875	0.375	0.0			
3	Α	4	0.750	6.000	7.875	0.375	0.0			
3	В	4	0.750	6.000	7.875	0.375	0.0			
3	С	4	0.750	6.000	7.875	0.375	0.0			
3	D	4	0.750	6.000	7.875	0.375	0.0			

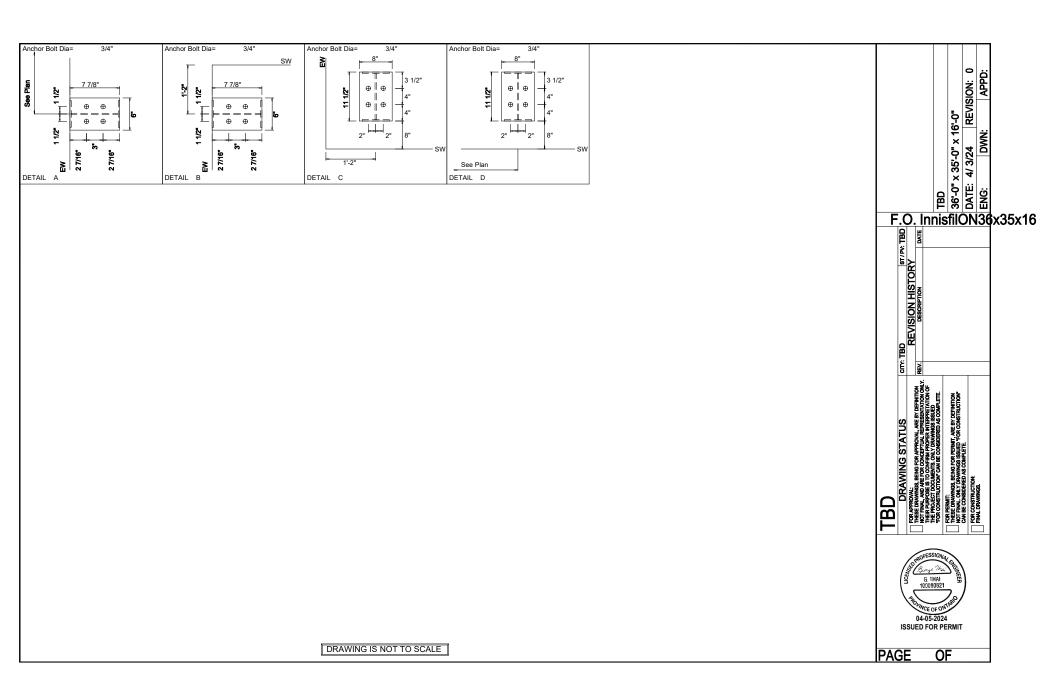
+DESIGN INFORMATION

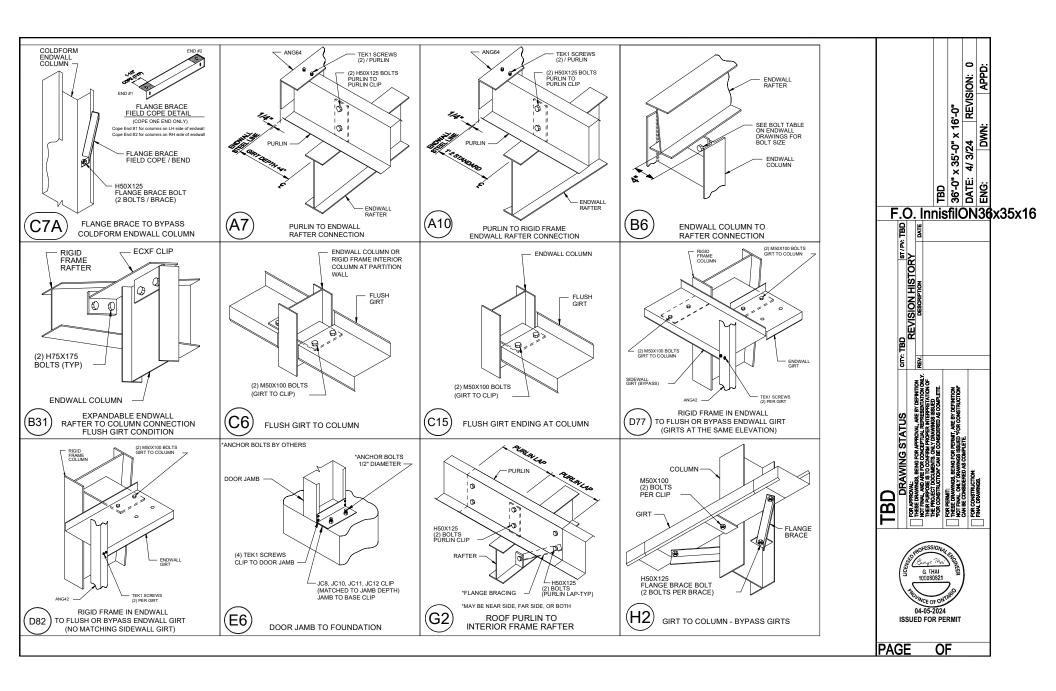
- All loading conditions are examined and only the maximum / minimum H or V and the corresponding H or V are reported.
- 2. Positive reactions are shown in the sketch. Foundation loads are in opposite directions.
- 3. Bracing reactions are in the plane of the brace with the H pointing away from the braced bay. The vertical reaction is downward.
- 4. Building reactions are based on the following building data:

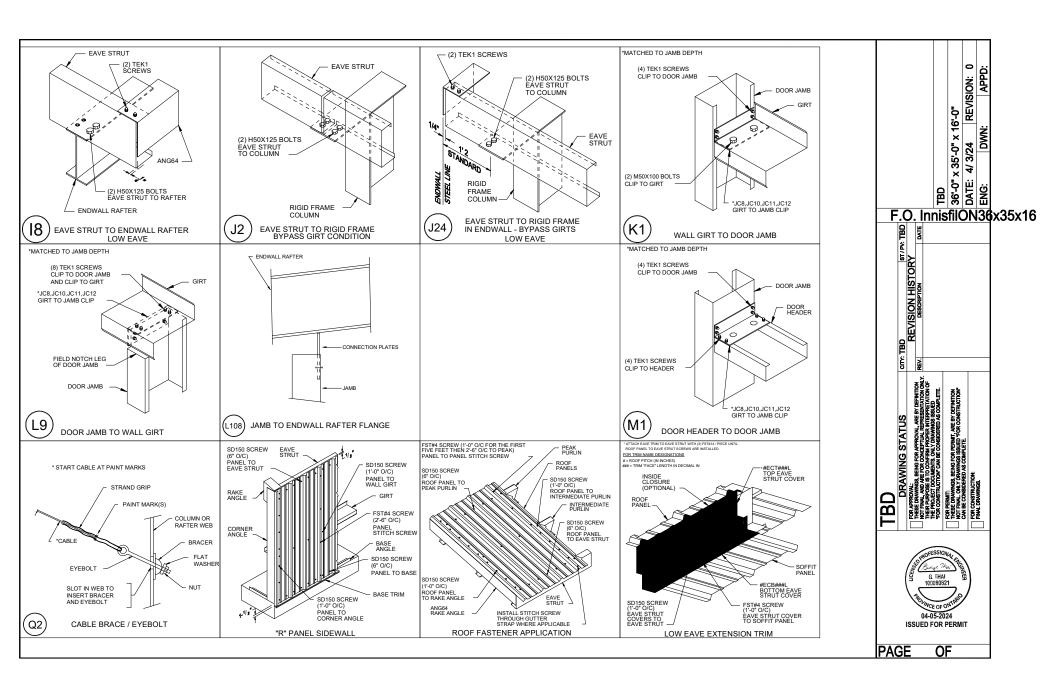
DESIGN CRITERIA		SEISMIC CRITI	ERIA	DEFLECTION LIMITS
Width (ft)	= 36	Seismic Importance	= 1.00	
Length (ft) Eave Height (ft)	= 35 = 16	Risk Category	= II - Normal	ENDWALL COLUMN I / 180
Roof Slope (rise/12)	= 2.0:12	Mapped Spectral Response A	ccelerations	ENDWALL RAFTER (Live)
Building Code	= NBC 20	Sa (0.2.X)	= 0.2590	L / 180 ` ´
Local Code (State/Prov)	= NBC 20	Sa (0.5,X)	= 0.2700	ENDWALL RAFTER (Wind)
Dead Load (psf)	= 2.25	Sa (1.0,X)	= 0.1650	L / 180 `
Collateral Load (psf)	= 3.00	Sa (2.0,X)	= 0.0799	WALL GIRTS
Roof Live Load (psf)	= 21.00	Sa (5.0,X)	= 0.0213	L / 90
Frame Live Load (psf)	= 21.00	Sa (10.0,X)	= 0.0067	PURLIN (LIVE)
				PURLIN (WIND)
				L / 180
Snow:				WALL PANEL
Ground Snow Load (psf)	= 52.25	Site Class	= D	L / 90
Snow Importance	= 1.0000			ROOF PANEL (Live)
Associated Rain Load (psf)	= 8.36	Base Shear		L / 180
Wind Exposure Factor	= 1.00		S(Ta)*Mv*le*W/(Rd*Ro)	ROOF PANEL (Wind)
Slippery Roof	= N	Longitudinal Base Shear	(k) = 5.68	L / 120
Roof Snow Load (psf)	= 50.16	Transverse Base Shear	(k) = 5.25	Main Frame (Horiz) H / 60
Wind:		Seismic Response Coeffi	icionto	Main Frame (Vert)
Wind (1/50) (psf)	= 7.52	Frame	= 0.139	I / 180
Risk Category	= II - Normal	FSW	= 0.139	WIND BRACING
Importance - Wind	= 1.00	BSW	= 0.139	H / 60
Wind Exposure	= 0	DOW	- 0.133	Main Frame (Crane)
Enclosure Classification = 2	-0			H / 100
Enclosure Glassification - 2		Response Modification Fa	actors	Main Frame (Seismic)
Internal Pressure Coefficients		Frame	= 1.5	H / 40
Pressure	= 0.30	FSW	= 1.5	SEISMIC BRACING
Suction	= -0.45	BSW	= 1.5	H / 40
				PARTITION COLUMN
Components & Cladding				I / 120
Design Pressure:				PARTITION GIRT
Pressure (psf)	= 18.33			L / 120
Suction (psf)	= -18.33			PARTITION PANEL
. ,				L / 120
Equivalent Static Force Procedure.				

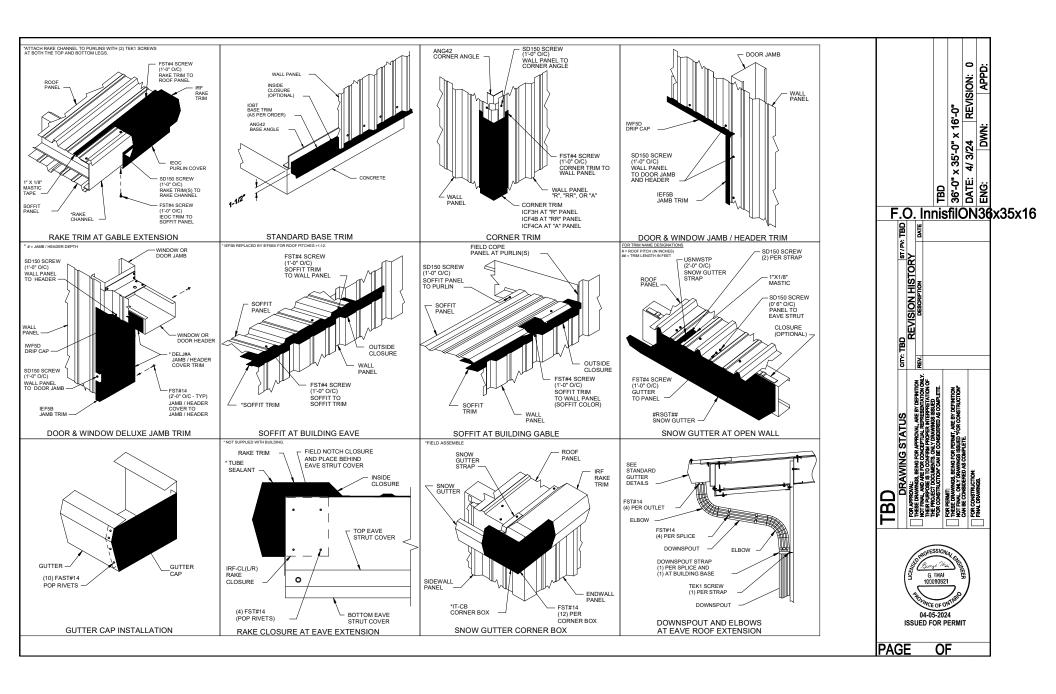
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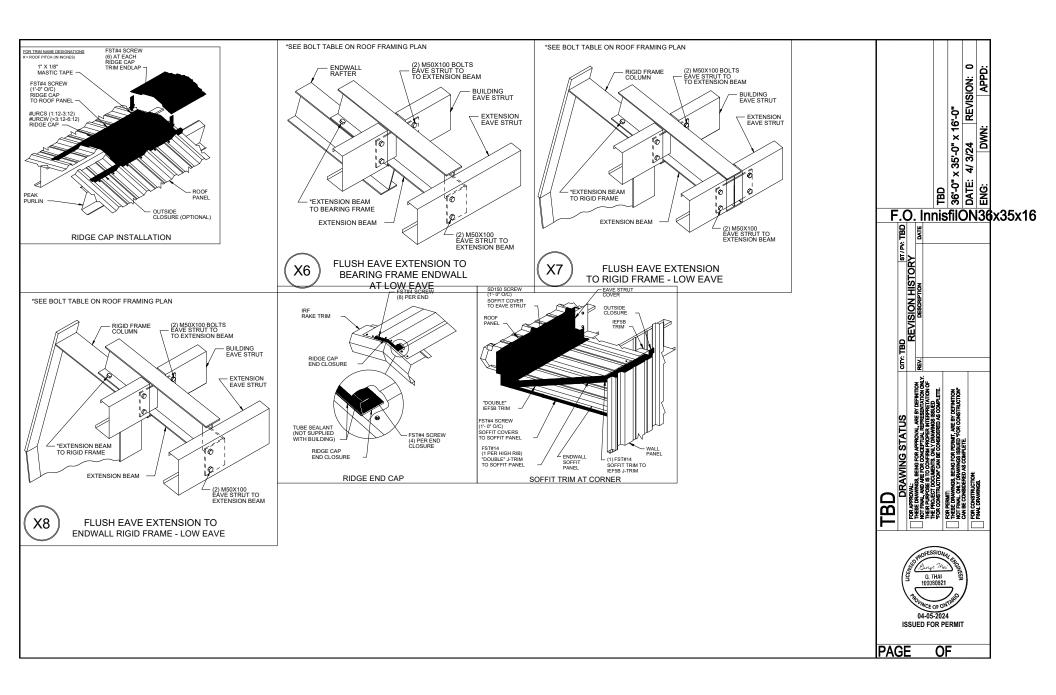
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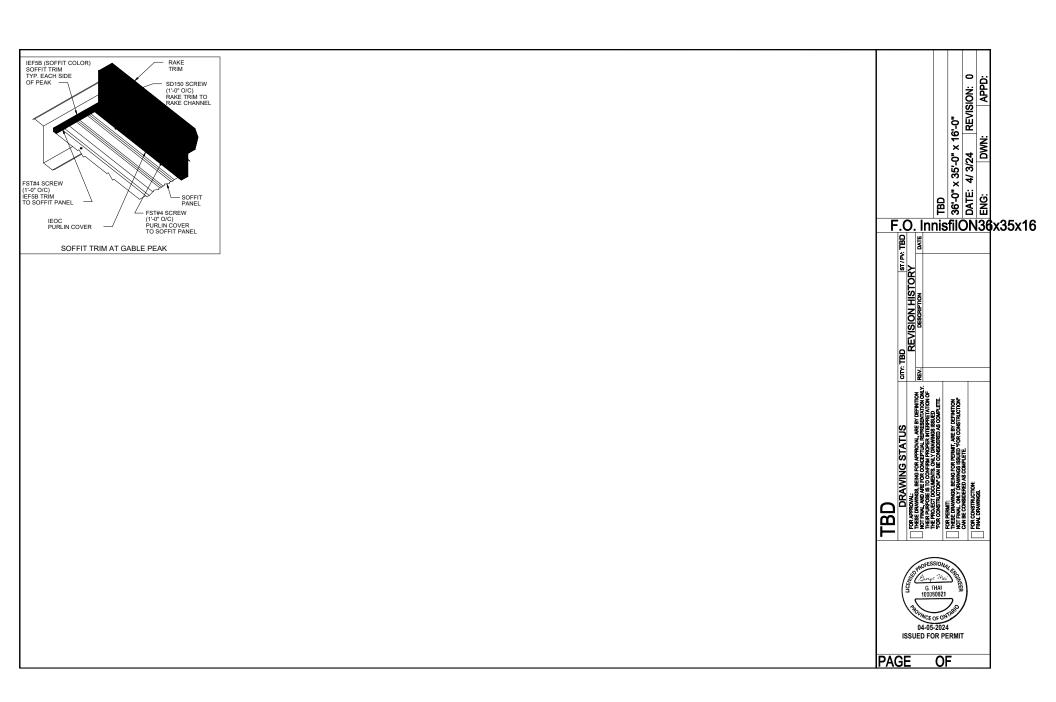












OFNEDN	MATERIALS	ASTM DESIGNATION	MINIMUM YIFI D	MATERIALS	ASTM DESIGNATION	MINIMUM YIELD	
GENERAL All materials included in the Metal Building System are in accordance with the manufacturer's standard materials and details unless otherwise specified on the order documents. (MBMA 2018 Metal Building Systems Manual, Part IV, Section 2.1)	Hot-Rolled Mill Sections	A 36, A 572, A 992	Fy = 36 ksi and/or 50 ksi	Roof and Wall Sheeting	A 792, Gr. 50 Class 1 A 792, Gr. 80	Fy = 50 ksi Fy = 80 ksi	-
DESIGN RESPONSIBILITY The manufacturer is responsible only for the structural design of the Metal Building System it sells to the purchaser /	Structural Steel Plates	A 572, A 1011	Fy = 55 ksi	Mild Steel Bolts	A 307	Fy = 36 ksi	APPD:
istomer. Neither the manufacturer nor the manufacturer's engineer is the design professional or engineer of record for the onstruction project. The manufacturer is not responsible for the design of any component or materials not sold by it, or	Structural Steel Bars	A 572 or A 529	Fy = 55 ksi	High Strength Bolts	F3125: A 325-N A 490-N	Fy = 92 or 81 ksi N/A	-0" REVISION:
eir interface and connection with Metal Building System unless such design responsibility is specifically required by the der documents. (MBMA 2018 Metal Building Systems Manual, Part IV, Section 3.1)	Cold Formed Light Gauge Shapes	A 653 Gr. 55	Fy = 55 ksi	Anchor Rods (If supplied)	A 36	Fy = 36 ksi	REV P.
FOUNDATION DESIGN AND ANCHOR BOLTS The manufacturer is not responsible for the design, materials, and workmanship of the foundation. The anchor bott	Cable Bracing	A 475, EHS	N/A	Pipe and Hollow Structural Sections	A 500 Gr. B	Fy = 42 ksi, 46 ksi	1 1 1 1 1
ans prepared by the manufacturer are intended to show only the anchor bolt location, diameter (based on ASTM A36 its), and quantity required to connect the Metal Building System to the foundation. (MBMA 2018 Metal Building Systems	Rod Bracing	A 36	Fy = 36 ksi				5'-0" x 16 3/24 DWN:
Annual, Part IV, Section 3.2.2). Is the responsibility of the end customer to ensure that adequate provisions are made for specifying bolt embedment, learning angles, lie rods, and / or associated items embedded in the concrete foundation, as well as foundation design based in the loads imposed by the Metal Building System, or other imposed nodes, and the bearing capacity of the soil and other conditions of the building site. (MEMA 2018 Metal Building Systems Manual, Part IV, Section 3.2.2) ISAnchor botts shall be accurately set to a tolerance of 1-1/8 in both elevation and location (AISC Code of Standard Practice for Steel Buildings and Bridges). Tanada -Anchor botts shall be accurated yet in accordance with CISC Code of Standard Practice, December 2015, Clause 7.8.1	CORRECTION OF ERRORS AND REPAIRS The correction of minor misfits by the use of drift pins to draw the components into line, shimming, moderate amounts of reaming, chipping, and cutting, and the replacement of minor shortages of material are a normal part of erection and are not subject to claim. (AISC Code of Standard Practice for Steel Buildings and Bridges, June 15, 2016, Section 7.14; CISC Code of Standard Practice, December 2015, Clause 7.15; MBMA 2018 Metal Building Systems Manual, Part IV, Section 6.10).						TBD 36-0" x 3 DATE: 4/ ENG:
ADJACENT EXISTING BUILDINGS he manufacturer does not investigate the influence of the Metal Building System on adjacent existing buildings or ructures. The end customer assures that such buildings and structures are adequate to resist snow loads or other onditions as a result of the presence of the Metal Building System. (MBMA 2018 Metal Building Systems Manual, Part IV, ection 3.2.5)	DRAWING DISCREPANCIES In case of discrepancies between the manufacturers steel plans and plans for other trades, the manufacturers steel plan govern. (AISC Code of Standard Practice for Steel Buildings and Bridges, June 15, 2016, Section 3.3; CISC Code of Standard Practice, December 2015, Clause 3.4; MBMA 2018 Metal Building Systems Manual, Part IV, Section 3.1).						F.O.InnisfilON36x35x1
All structural members of the Metal Building System not fabricated of corrosion resistant roading are painted with one coat of shop primer. All surfaces to receive shop primer are cleaned of loose rust, loose million and the structural members of the metal principle of the structure and the structur	resion resistant material or protected by corrosion or ocavies shop primer are cleaned of loose rust, loose cleaning method SSPC-SP2 (Steel Manual, Structures material shall be at builders risk. If builder chooses to use its own, or private carrier, it shall be solely responsible for compliance with all applicable government regulations. All charges shall be borne by the builder. The manufacturer sresponsibility for damage or loss ceases upon delivery of shipment to carrier. The manufacturer will endeavor to deliver on the required date. The manufacturers truck is not						ARY DESCRIPTION HISTORY DATE DESCRIPTION DATE
ERECTION-GENERAL The erector, by entering into contract to erect the building, holds itself out as skilled in the erection of Metal Building Systems and is responsible for complying with all applicable local, federal, and state construction and safely regulations including OSHA regulations as well as any applicable requirements of local, national, or international union rules or practices. (CISC Code of Standard Practice, December 2015, Clause 7.3; (MBMA 2018 Metal Building System Manual, Part IV, Section 6.9). The erector shall erect the Metal Building System in accordance with the erection drawings, the Erection and Datal Manual (2019), and / or the Seam-LoX Technical - Erection manual (2019) as furnished by the manufacturer. The aforementioned erection information is intended to illustrate the layout of the framing members, provide the associated connection details, and suggests equence of erection. It is 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 methods utilized by its crews in the erection of the Metal Building System. The erector is responsible for supplying any safety devices	while inability and the time of delivery. For deliveries via contract carriers, it is the responsibility of the customer to file claims with the carrier. The manufacturer cannot assume any liability for the claim. SHORTAGES The purchaser /customer should make an inspection upon arrival of all building components. The purchaser/customer must note on the freight bill any missing item(s) and notify the manufacturers customer service department immediately; otherwise, the manufacturer cannot be held responsible for any shortages. If any item is damaged, note on the bill of lading and file a claim with the freight agent. Concealed shortages must be reported to the manufacturers exvice department within the following time frames (date from receipt of first delivery), based on the project shipment size, i.e., number of truck loads used in delivery.						55.0
such as scaffolds, runways, nets, et, which may be required to safely erect the Metal Building Systems (MBMA 2018 Metal Building Systems Manual, Part IV, Section 6.9) The manufacturer expressly disclaims any responsability for injury to persons in the course received on or for damages to the product itself. Field erection of a Pre-Engineered Metal Building, as in all construction rejocks, involves heazards to persons within the area of the construction and risk of damage to the property itself. Only experienced persons who are skilled and qualified in the erection of Metal Building Systems should be permitted to field-erect a initing due to the hazards of this construction activity. The manufacturer is not responsible for the erection of the Metal initing due to the hazards of this construction activity. The manufacturer provides no field supervision in the erection of the structure not oces the manufacturer perform any intermediate or final inspections of the Metal Building system during or after erection. In erection of the structure not oces the manufacturer perform any intermediate or final inspections of the Metal Building system during or after erection.	1 to 3 loads2 weeks 4 loads and over3 weeks The manufacturers responsibility for shortages expires at the end of these time periods. The purchaser/customer is responsible for contacting the customer service department to advise the manufacturer of fabrication problems and corresponding cost estimates. The manufacturer will be responsible for providing the builder with verbal approval to proceed with appropriate field corrections. This will be done in a timely manner. IF THE BUILDER PROCEEDS WITH CORRECTIVE WORK WITHOUT THE MANUFACTURERS APPROVAL, HE DOES SO AT HIS OWN RISK. The manufacturer shall not be responsible for any claims where the purchaser/customer has not documented the problem, its correction, and reasonable costs for repair, and submitted this documentation for payment within 30 days of the occurrence.						FOR ANNING STATUS FOR APPROVILATE BY DETRING THE STATUS FOR APPROVILATE BY DETRING THE STATUS FOR APPROVILATE STATUS FOR APPROVILATE STATUS FOR APPROVING THE CONSTRUCTION OF THE PROPERTY STATUS FOR CONSTRUCTION CAN BE CONSTRUCTION CONSTRUC
rection operation, but not including loads resulting from the performance of work by others. Bracing furnished by the nanufacture for the Metal Building System cannot be assumed to be adequate during rection. Temporary supports such as emporary guys, braces, false work, cribbing, or other elements required for the erection operation will be determined, erected, and installed by the erector. (AISC Code of Standard Practice for Stele Buildings and Bridges, June 15, 2016, Section 7.10.3; ISC Code of Standard Practices, December 2015, Clause 1.5; MBMA 2018 Metal Buildings System Manual, Part IV, Section 6.2.1.5).	INVOICE PAYMENT By acceptance of the materials of services set forth in the invoice, the purchaser/customer agrees to pay the invoice amount within the time period specified on the invoice. AT NO TIME IS IT ACCEPTABLE TO DEDUCT A BACK CHARGE OR SHORTAGE FROM AN INVOICE.						TBD DI CONTROL NO CONT
LS ; Erection tolerances are those set forth in AISC code of standard practice except individual members are considered, plumb, level and aligned if the deviation does not exceed 1:500. (AISC Code of Standard Practice for Steel Buildings and Bridges June 15, 2016 Section 7:13.1; MBMA 2018 Metal Building Systems Manual, Part IV, Section 6.8) Canada; Frection tolerances are those set forth in CISC Code of Standard Practice except individual members are considered Junuble, level and aligned if the deviation does not exceed 1:500. (CISC Handbook of Steel Construction, Eleventh Edition, Third Revised Printing, Part 1, Clause 29.3; MBMA 2018 Metal Building Systems Manual, Part IV, Section 6.8)	SAFETY PROCEDURES The manufacturer is committed to manufacturing a quality product that can be erected safely. Although good job site practices and a commitment to safety by the erector are beyond the control of the manufacturer, the manufacturer highly recommends the erector provide good, safe working conditions on the job site. The erector should follow all local, state, and federal health and safety regulations at all times. Accident prevention practices should be implemented and each employee should know emergency procedures. The manufacturer also recommends daily meetings to discuss erection safety procedures. For						G THAI TO 1000021
BOLT TIGHTENING The proper tightening and inspection of all fasteners is the responsibility of the erector (Reference RCSC for structural joints using high strength (ASTM F4125, A325, A490) bolts and nuts must be tightened by the "turn-of-the-nut" method unless otherwise specified by the end customer in the contract documents. Inspection of high strength boil and nut installation by other than the erector must also be specified in the contract documents and the erector is responsible for ensuring that the installation procedures are	and health administrati	, ,	U.S. Departmer ipational Safety and I 200 Constitution A Washington, D www.oshe	nt of Labor Health Administration Ivenue, N.W. IC 20210			18 June of Orthon 04-05-2024 ISSUED FOR PERMIT
compatible prior to the start of erection (CISC Handbook of Steel Construction, Eleventh Edition, Third Revised Printing, Part 1, Clause 23.7.2), (MBMA 2018 Metal Building Systems Manual, Part IV, Section 6.9).	follow all applicable safe	not be responsible for persor ety regulations and material h	andling and installation	mage as a result of fall recommendations.	iure iu		PAGE @PAGE @PAGE TOTA

