



Hamilton

COMMITTEE OF ADJUSTMENT

City Hall, 5th floor, 71 Main Street West, Hamilton, ON L8P 4Y5
Telephone (905) 546-2424, ext. 4221, 3935 Fax (905) 546-4202
E-mail: cofa@hamilton.ca

NOTICE OF PUBLIC HEARING
Minor Variance

You are receiving this notice because you are either:

- Assessed owner of a property located within 60 metres of the subject property
- Applicant/agent on file, or
- Person likely to be interested in this application

APPLICATION NO.: GL/A-21:74
APPLICANTS: K. Anderson & N. Campbell, owners
SUBJECT PROPERTY: Municipal address **41 Kopperfield Ln., Glanbook**
ZONING BY-LAW: Zoning By-law 464, as Amended 04-328
ZONING: "R4-188" (Residential) district
PROPOSAL: To permit a 43.5m² covered patio deck in the rear yard for a single detached dwelling, notwithstanding:

1. The minimum setback for a patio deck from the street line shall be 4.2m instead of 7.5m.

NOTES:

1. The property is zoned R4-188 which was created under amending by-law 04-328 for the Kopper Meadow Subdivision. The zoning contains special provisions to address minimum frontage; minimum lot area; minimum front yard; and flankage yards.
2. The Zoning By-law provides the following definition for "patio deck":
"PATIO DECK shall mean a structure accessory to a building with or without roof or walls, which may include visual partitions and railings, and is constructed on piers or a foundation at a minimum of 0.15 metres above-grade.
3. The Zoning By-law provides the following definition for "lot coverage":
"LOT COVERAGE" shall mean the percentage of the lot covered by all buildings, but shall not include swimming pools and patio decks.
4. The proposed variance is to allow for the installation of an aluminium patio cover for an existing patio deck. The patio cover is attached to the dwelling and is subject to a building permit.
5. The variance was written as requested by the applicant.

This application will be heard by the Committee as shown below:

DATE: Thursday, April 1st, 2021
TIME: 3:00 p.m.
PLACE: Via video link or call in (see attached sheet for details)
To be streamed at
www.hamilton.ca/committeeofadjustment
for viewing purposes only

PUBLIC INPUT

Written: If you would like to submit written comments to the Committee of Adjustment you may do so via email or hardcopy. Please see attached page for complete instructions, including deadlines for submitting to be seen by the Committee.

Orally: If you would like to speak to this item at the hearing you may do so via video link or by calling in. Please see attached page for complete instructions, including deadlines for registering to participate.

MORE INFORMATION

For more information on this matter, including access to drawings illustrating this request:

- Visit www.hamilton.ca/committeeofadjustment
- Call 905-546-CITY (2489) or 905-546-2424 extension 4221, 4130, or 3935
- Email Committee of Adjustment staff at cofa@hamilton.ca

DATED: March 16th, 2021.

Jamila Sheffield,
Secretary-Treasurer
Committee of Adjustment

Information respecting this application is being collected under the authority of the Planning Act, R.S.O., 1990, c. P. 13. All comments and opinions submitted to the City of Hamilton on this matter, including the name, address, and contact information of persons submitting comments and/or opinions, will become part of the public record and will be made available to the Applicant and the general public.

SURVEYOR'S REAL PROPERTY REPORT
 PART 1, PLAN OF
 LOT 2
 PLAN 62M-1094
 IN THE
 CITY OF HAMILTON
 SCALE: 1:200 metres



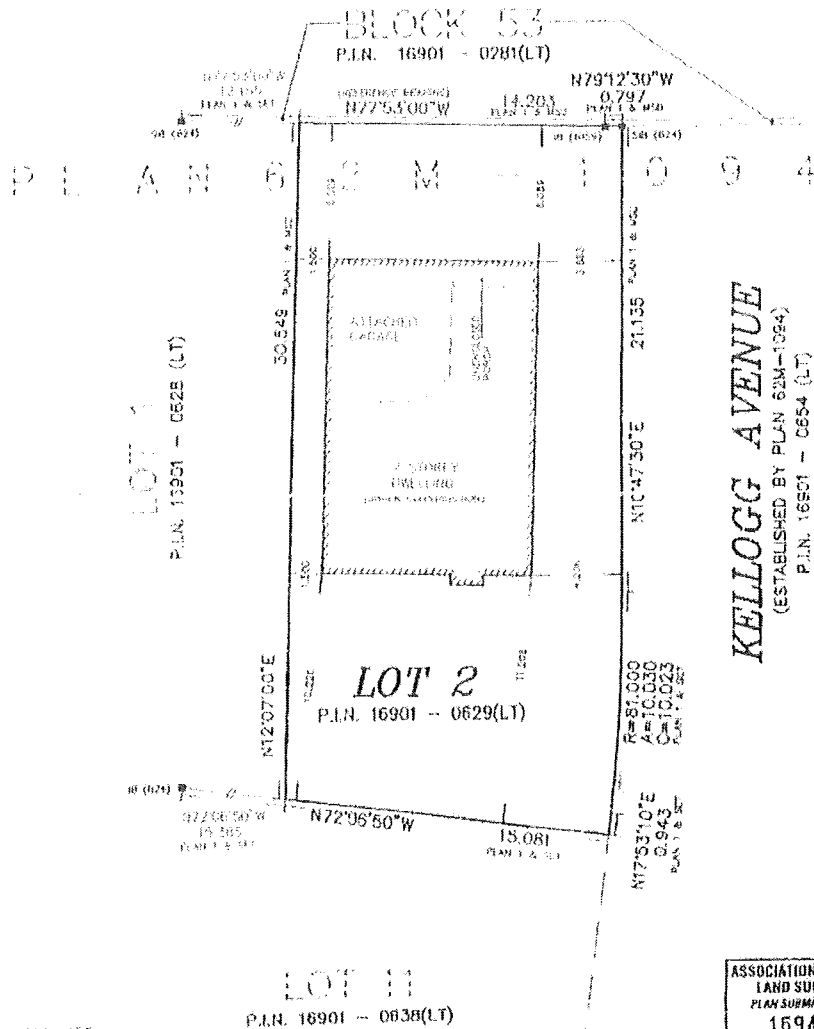
S.D. McLAREN, O.L.S. - 2008

PART 2
 THIS PLAN MUST BE READ IN
 CONJUNCTION WITH SURVEY REPORT
 DATED JULY 3, 2008

THIS PLAN WAS PREPARED FOR
 CHARRAVILLE DEVELOPMENTS INC.

KOPPERFIELD LANE

(ESTABLISHED BY PLAN 62M - 873)
 P.I.N. 16901 - 0285(LT)



METRIC NOTE

DISTANCES SHOWN ON THIS PLAN ARE
 IN METRES AND CAN BE CONVERTED
 TO FEET BY DIVIDING BY 0.3048

BEARING NOTE:

BEARINGS ARE ASTROGNOMIC AND ARE
 REFERRED TO THE NORTHERLY LIMIT OF
 LOT 2 AS SHOWN ON PLAN 62M-1094
 AS BEING N72°5'00\"/>

LEGEND:

- GENOTES MONUMENT SET
- MONUMENT FOUND
- △ IRON BAIL
- STANDARD IRON BAIL
- CUP CROSS
- (M2) A.T. McLAREN, O.L.S.
- (M3) MEASURED
- PLAN 1 PLAN 62M-1094
- (M54) N.A. FERRER, O.L.S.

SURVEYOR'S CERTIFICATE:

I HEREBY CERTIFY THAT
 1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH
 THE SURVEY ACT, THE SURVEYORS ACT AND THE REGULATIONS
 MADE THEREUNDER
 2. THE SURVEY WAS COMPLETED ON THE 12th DAY OF APRIL, 2008

JULY 3, 2008
 DATE S.E. McLAREN, O.L.S.

© S.D. McLAREN, O.L.S. - 2008. NO PERSON MAY COPY
 REPRODUCE, DISSEMINATE OR ALTER THIS PLAN IN WHOLE OR IN
 PART WITHOUT THE WRITTEN PERMISSION OF S.D. McLAREN, O.L.S.

A.T. McLaren Limited
 LEGAL ADJUDICATING SURVEYS

OR 4781 STREET SOUTH, SUITE 230
 HAMILTON, ONTARIO, L9N 2E9
 PHONE (905) 527-8559 FAX (905) 527-0332

Block No.	Sheeted PG	Scale 1:200	Cityfile 32329-2f
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**ASSOCIATION OF ONTARIO
 LAND SURVEYORS**
 PLAN SUBMISSION FORM
 1694560

THIS PLAN IS NOT VALID
 UNLESS IT IS AN UNREVOKED
 ORIGINAL COPY
 ISSUED BY THE SURVEYOR
 IN ACCORDANCE WITH
 REGULATION 1026, SECTION 24(3)



Hamilton

Planning and Economic Development Department
Planning Division

Committee of Adjustment
City Hall
5th floor 71 Main Street West
Hamilton, Ontario L8P 4Y5

Phone (905) 546-2424 ext.4221
Fax (905) 546-4202

**PLEASE FILL OUT THE FOLLOWING PAGES AND
RETURN TO THE CITY OF HAMILTON PLANNING
DEPARTMENT.**

FOR OFFICE USE ONLY.	
APPLICATION NO. _____	DATE APPLICATION RECEIVED _____
PAID _____	DATE APPLICATION DEEMED COMPLETE _____
SECRETARY'S SIGNATURE _____	

**CITY OF HAMILTON
COMMITTEE OF ADJUSTMENT
HAMILTON, ONTARIO**

The Planning Act

Application for Minor Variance or for Permission

The undersigned hereby applies to the Committee of Adjustment for the City of Hamilton under Section 45 of the *Planning Act*, R.S.O. 1990, Chapter P.13 for relief, as described in this application, from the Zoning By-law.

- Name of Owner Kyle Anderson
Nicole Campbell
- [Redacted]
- Name of Agent _____ Telephone No. _____
FAX NO. _____ E-mail address. _____
- Address _____
Postal Code _____

Note: Unless otherwise requested all communications will be sent to the agent, if any.

- Names and addresses of any mortgagees, holders of charges or other encumbrances:
Kyle Anderson - 41 Kopperfield Lane, Mount Hope, ON
Postal Code L0R 1W0
Nicole Campbell - 41 Kopperfield Lane, Mount Hope, ON
Postal Code L0R 1W0

6. Nature and extent of relief applied for:

Seeking variance for a reduced side yard setback
of 4.2m to the house, where 7.5m is required to
accommodate proposed covered deck (defined as a
"patio deck" in the By-law) to be added to existing deck.

7. Why it is not possible to comply with the provisions of the By-law?

Please see Schedule 1 attached.

8. Legal description of subject lands (registered plan number and lot number or other legal description and where applicable, street and street number):

Plan 62M-1094 Lot 2
41 Kopperfield Lane, Mount Hope, ON

9. PREVIOUS USE OF PROPERTY

Residential Industrial Commercial

Agricultural Vacant

Other _____

9.1 If Industrial or Commercial, specify use

9.2 Has the grading of the subject land been changed by adding earth or other material, i.e. has filling occurred?

Yes No Unknown

9.3 Has a gas station been located on the subject land or adjacent lands at any time?

Yes No Unknown

9.4 Has there been petroleum or other fuel stored on the subject land or adjacent lands?

Yes No Unknown

9.5 Are there or have there ever been underground storage tanks or buried waste on the subject land or adjacent lands?

Yes No Unknown

9.6 Have the lands or adjacent lands ever been used as an agricultural operation where cyanide products may have been used as pesticides and/or sewage sludge was applied to the lands?

Yes No Unknown

9.7 Have the lands or adjacent lands ever been used as a weapon firing range?

Yes No Unknown

9.8 Is the nearest boundary line of the application within 500 metres (1,640 feet) of the fill area of an operational/non-operational landfill or dump?

Yes No Unknown

Schedule 1

Not possible to comply with the provisions of the By-Law due to:

- We applied for a permit for a covered deck for an existing deck and were denied and told to apply for a minor variance
- The deck was here when we bought the house and we were under the impression it was constructed with a permit

Therefore, we seek a minor variance for a reduced side yard setback of 4.2 meters to the house where 7.5 meters is required. This patio cover will not be closer to the road than the existing home.

Thank you for your consideration.

9.9 If there are existing or previously existing buildings, are there any building materials remaining on site which are potentially hazardous to public health (eg. asbestos, PCB's)?

Yes No Unknown

9.10 Is there any reason to believe the subject land may have been contaminated by former uses on the site or adjacent sites?

Yes No Unknown

9.11 What information did you use to determine the answers to 9.1 to 9.10 above?

Talked to previous owners and neighbors

9.12 If previous use of property is industrial or commercial or if YES to any of 9.2 to 9.10, a previous use inventory showing all former uses of the subject land, or if appropriate, the land adjacent to the subject land, is needed.

Is the previous use inventory attached? Yes No

ACKNOWLEDGEMENT CLAUSE

I acknowledge that the City of Hamilton is not responsible for the identification and remediation of contamination on the property which is the subject of this Application – by reason of its approval to this Application.

Jan. 12, 2021
Date

Nicole Campbell
Signature Property Owner

Nicole Campbell
Print Name of Owner

10. Dimensions of lands affected:

Frontage 4.2m

Depth 9.6m

Area 40.32 m²

Width of street _____

11. Particulars of all buildings and structures on or proposed for the subject lands: (Specify ground floor area, gross floor area, number of stories, width, length, height, etc.)

Existing: 4.2m x 9.6m deck

Proposed: patio cover for existing deck (4.2m x 9.6m)

12. Location of all buildings and structures on or proposed for the subject lands; (Specify distance from side, rear and front lot lines)

Existing: Two storey home with garage, East = 4.72m
South = 11.82m, West = 1.7m, North = 8.25m

Proposed: Patio cover for existing deck (4.2m x 9.6m)

13. Date of acquisition of subject lands:

October 25, 2013

14. Date of construction of all buildings and structures on subject lands:

Unknown

15. Existing uses of the subject property: Residential

16. Existing uses of abutting properties: Residential

17. Length of time the existing uses of the subject property have continued:

Unknown

18. Municipal services available: (check the appropriate space or spaces)

Water Connected

Sanitary Sewer Connected

Storm Sewers

19. Present Official Plan/Secondary Plan provisions applying to the land:

20. Present Restricted Area By-law (Zoning By-law) provisions applying to the land:

Z1

21. Has the owner previously applied for relief in respect of the subject property?

Yes

No

If the answer is yes, describe briefly.

22. Is the subject property the subject of a current application for consent under Section 53 of the *Planning Act*?

Yes

No

23. The applicant shall attach to each copy of this application a plan showing the dimensions of the subject lands and of all abutting lands and showing the location, size and type of all buildings and structures on the subject and abutting lands, and where required by the Committee of Adjustment such plan shall be signed by an Ontario Land Surveyor.

NOTE: It is required that two copies of this application be filed with the secretary-treasurer of the Committee of Adjustment together with the maps

CANADIAN DESIGN MANUAL FOR LUMON CANADA VT4

VT4 DESIGN MANUAL

LUMON CANADA

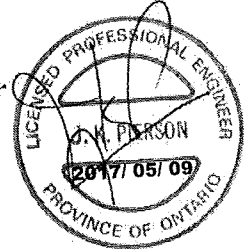
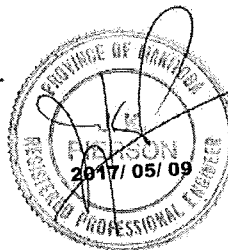
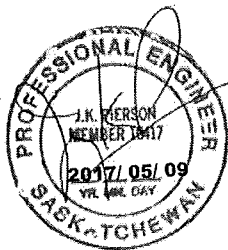
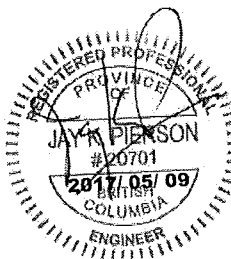
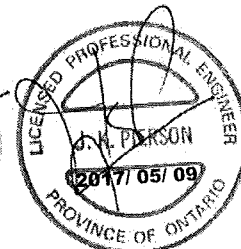
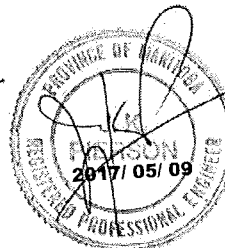
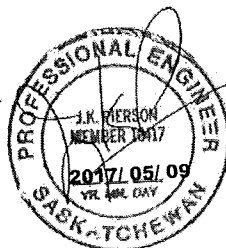
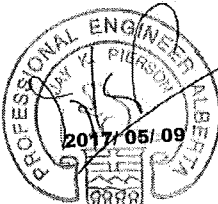
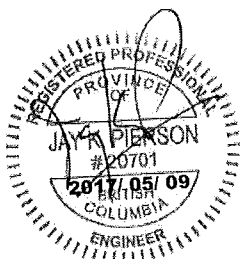


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VT4 NOTES

Structural elements and systems made of aluminum conform to CAN/CSA-S157-05/S157.1-05 Strength Design in Aluminum / Commentary on CSA S157-05, Strength Design in Aluminum.

Design is in accordance with the National Building Code of Canada 2015 and current editions of the 2012 Ontario Building Code, the 2011 Manitoba Building Code, 2014 Alberta Building Code and 2012 British Columbia Building Code. Applicable structural loads and procedures have been taken into account in accordance with current limit states design methods as set forth in the above mentioned codes and CAN/CSA-S157-05/S157.1-05.

Deflection and vibration designed not to exceed serviceability limits of the materials supported or the requirements set by the intended use.

Base building structure to which VT4 system is attached to provide required lateral and seismic restraint.

Structural design load requirements to be as specified by governing building codes and bodies, local ordinances, project specifications and/or regulatory authorities.

Mechanical properties of aluminum alloys are provided in CAN/CSA-S157-05/S157.1-05, tables 1 and 2.

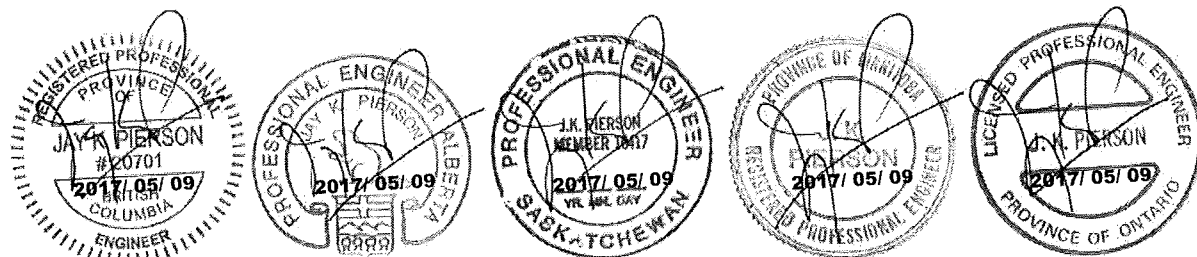
Aluminum alloys conform to the Aluminum Association publication Aluminum Standards and Data, ISO 6361-2 or ISO 6362-2 or US Department of Defense publication, MIL-HDBK-5G 1994, Chapter 3.

Follow all notes and recommendations contained within this manual.

Refer to Installation Guide for erection procedures and care and maintainance.

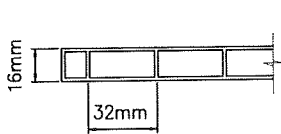
Minimum recommended pitch for roofs is 1/4" per foot.

Information contained within this manual can be applied for most applications of patio covers. However where individual conditions and applications vary, separate engineering is required.

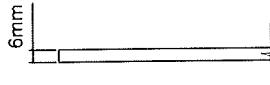


VT4 COMPONENTS

NTS



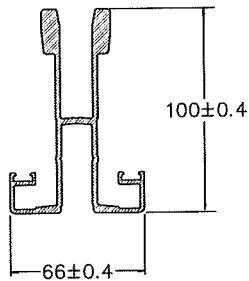
DEGLAS 16/32
IMPACT NO DRIP DOUBLE-SKINNED
ACRYLIC SHEET



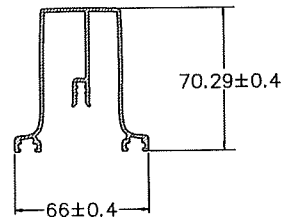
6mm GLASS
TEMPERED



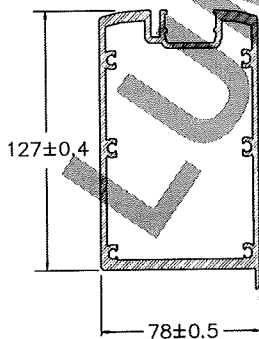
8mm GLASS
TEMPERED



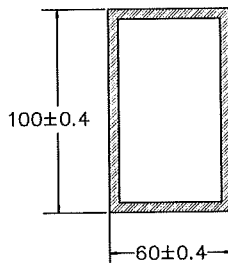
ROOF BEAM
6063-T6
DRAWING NUMBER 11780001



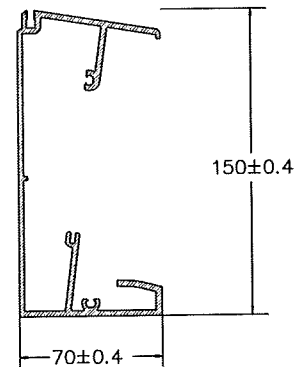
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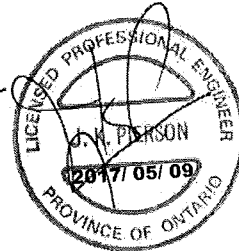
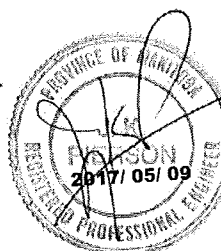
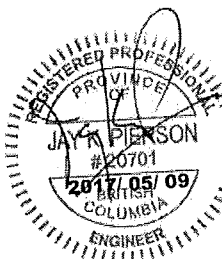
FRONT BEAM
INTERMEDIATE BEAM
SIDE BEAM
6063-T6
DRAWING NUMBER 11780002



BEAM REINFORCEMENT
6063-T6
DRAWING NUMBER 11721026

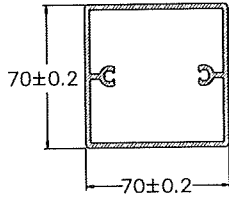


REAR BEAM
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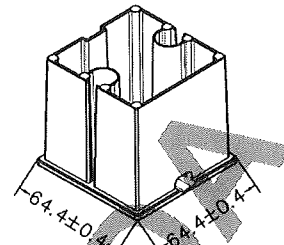


VT4 COMPONENTS

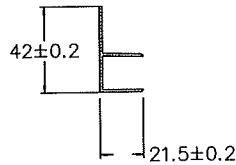
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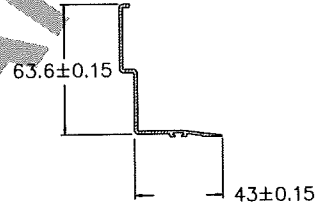
70 x 70 POST
6063-T6
DRAWING NUMBER 11780003



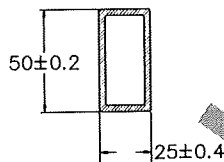
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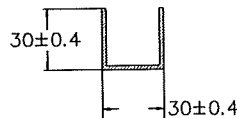
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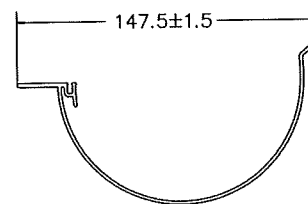
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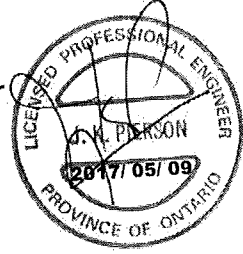
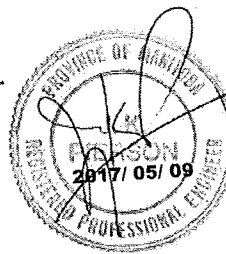
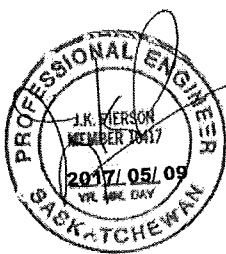
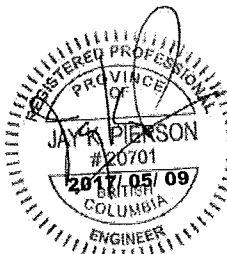
INTERMEDIATE
DEGLAS SUPPORT
TUBE
6063-T6
DRAWING NUMBER 11010747



INTERMEDIATE
DEGLAS SUPPORT
U PROFILE
6063-T6
DRAWING NUMBER 11315516

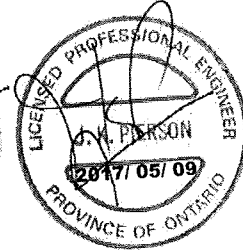
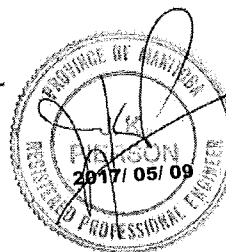
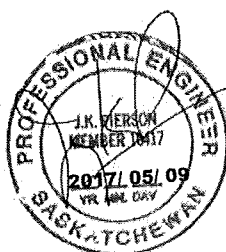
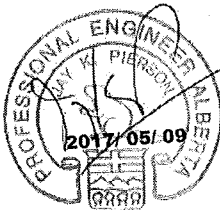
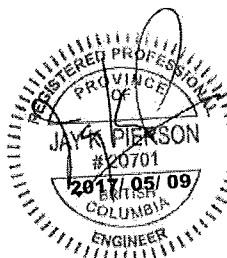


GUTTER
AA6060 T6 (6063-T6)
DRAWING NUMBER 11780005



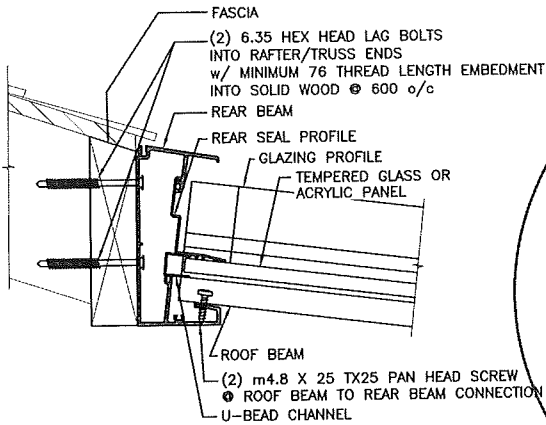
VT4 COMPONENT PROPERTIES

MEMBER	DRAWING NUMBER	ALLOY	AREA (mm ²)	Sx (10 ³ mm ³)	Sy (10 ³ mm ³)	Ix (10 ⁶ mm ⁴)	Iy (10 ⁶ mm ⁴)
ROOF BEAM	11780001	6063-T6	1053	25.158	7.827	1.272	0.258
GLAZING PROFILE	11780006	6063-T6	490	7.301	4.921	0.265	0.164
FRONT BEAM	11780002	6063-T6	1671	53.312	38.596	3.843	1.518
INTERMEDIATE BEAM	11780002	6063-T6	1671	53.312	38.596	3.843	1.518
SIDE BEAM	11780002	6063-T6	1671	53.312	38.596	3.843	1.518
BEAM REINFORCEMENT	11721026	6063-T6	1513	39.769	29.007	1.988	0.870
REAR BEAM	11780004	6063-T6	1131	46.240	12.856	3.801	0.572
POST 70 X 70	11780003	6063-T6	775	16.658	14.579	0.583	0.510
INTERMEDIATE DEGLAS SUPPORT TUBE	11010747	6063-T6	414	5.016	3.192	0.125	0.040
INTERMEDIATE DEGLAS SUPPORT U PROFILE	11315516	6063-T6	172	0.838	1.766	0.016	0.026

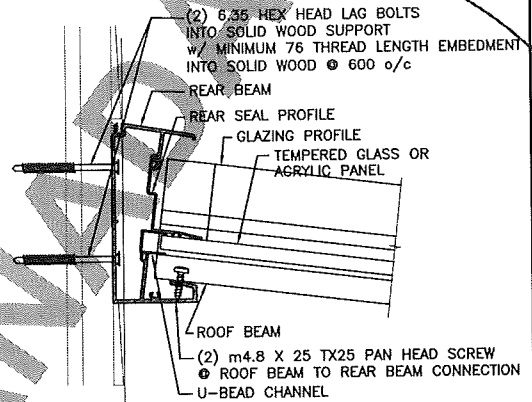


REAR BEAM CONNECTION DETAILS

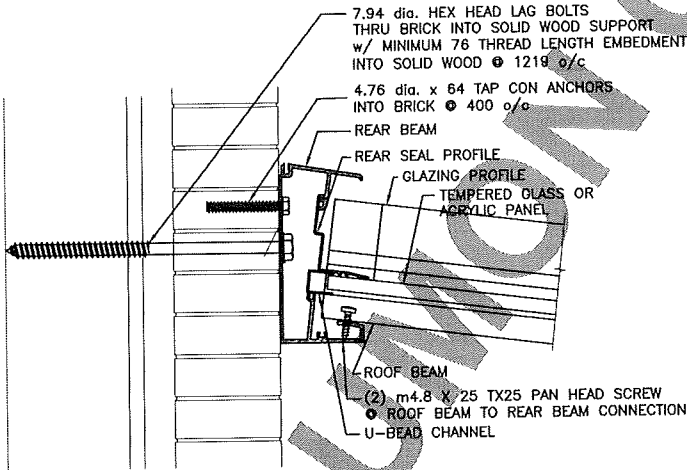
NTS



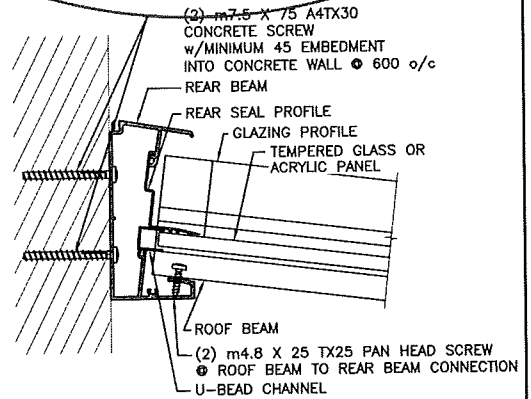
FASCIA OVERHANG



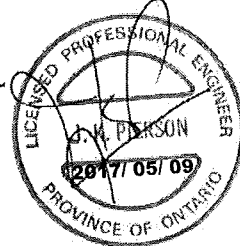
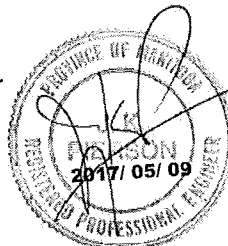
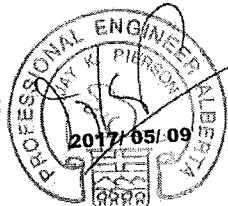
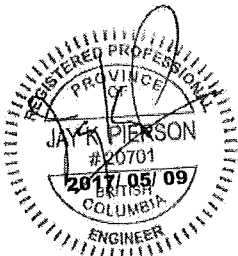
WALL WITH WOOD STUD FRAMING



WALL WITH BRICK FINISH

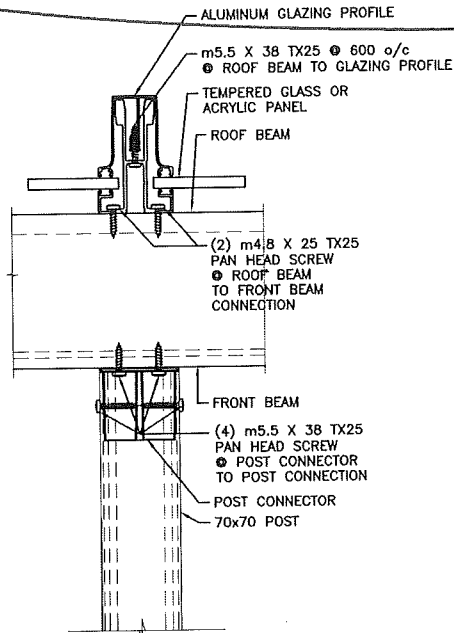


SOLID CONCRETE WALL

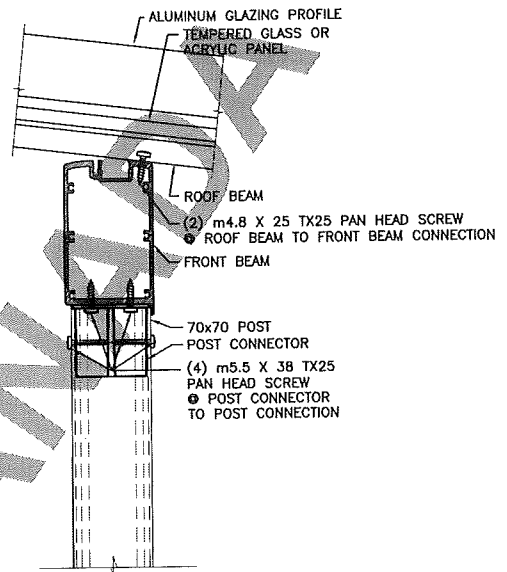


POST CONNECTOR & FRONT BEAM CONNECTION DETAILS

NTS



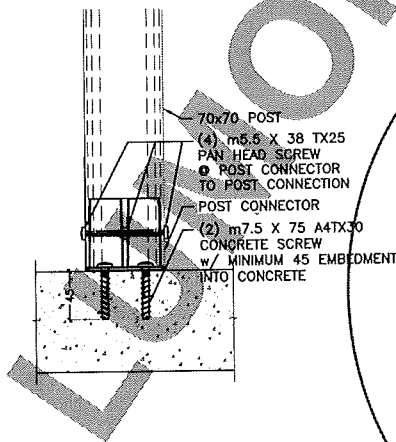
FRONT VIEW



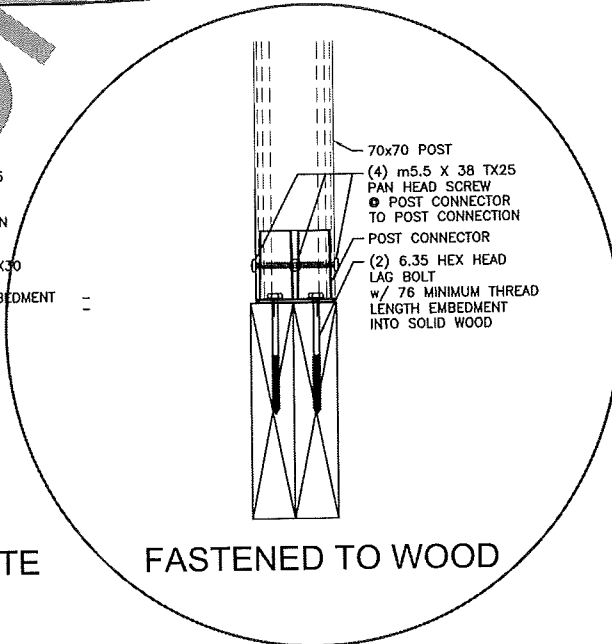
SIDE VIEW

POST CONNECTOR BASE DETAIL

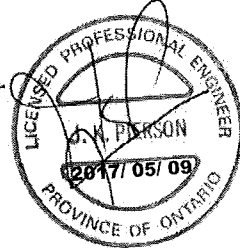
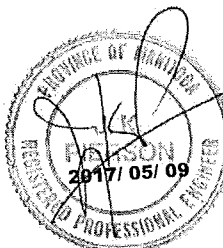
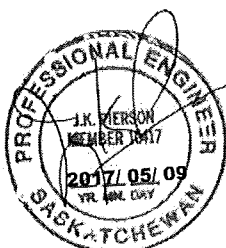
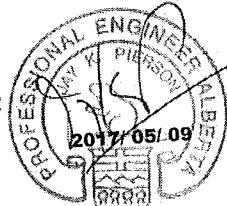
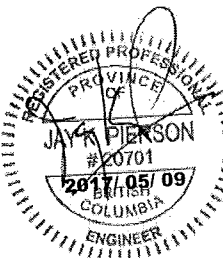
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FASTENED TO CONCRETE

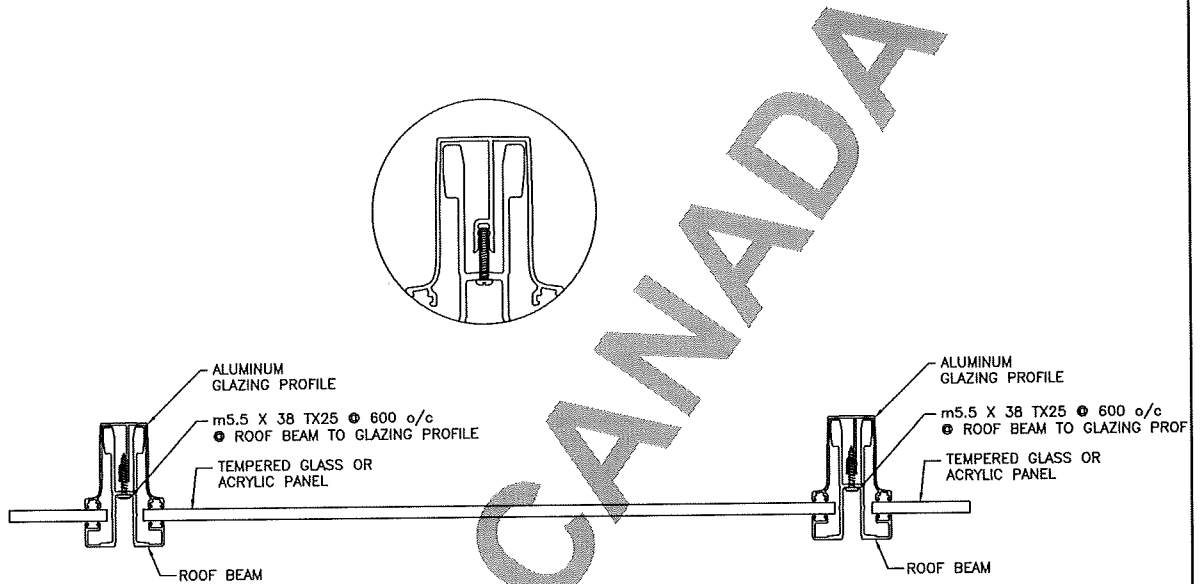


FASTENED TO WOOD



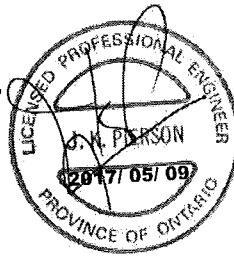
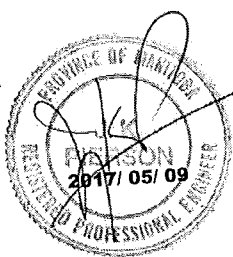
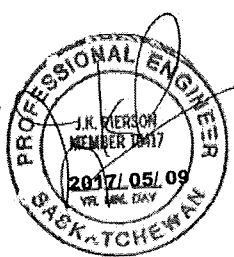
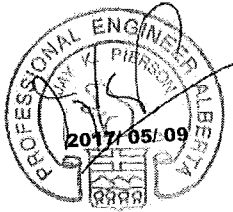
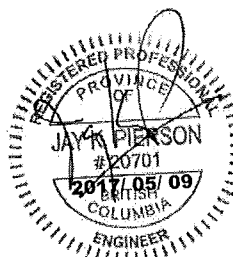
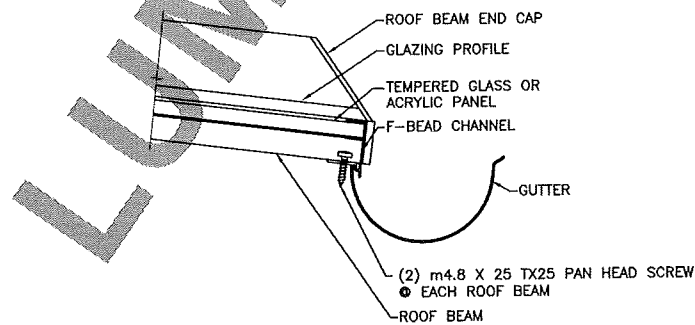
ROOF BEAM AND GLAZING PROFILE WITH TEMPERED GLASS OR ACRYLIC PANEL

NTS



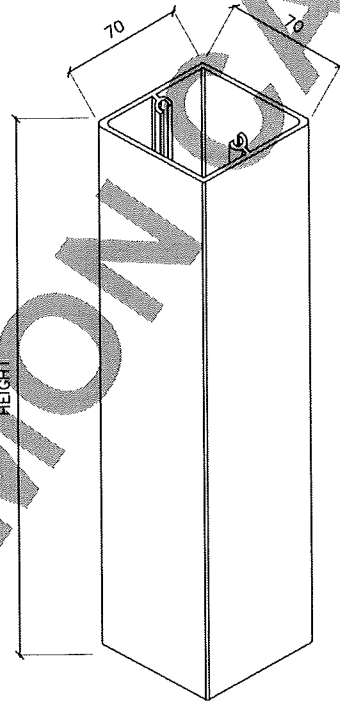
GUTTER CONNECTION DETAIL

NTS

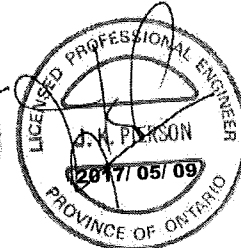
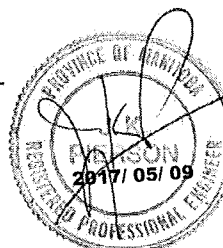
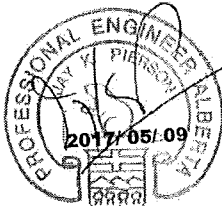
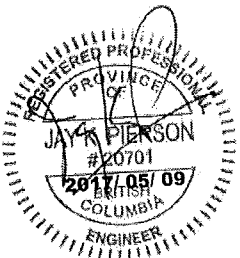


70 x 70 POST AXIAL LOAD CAPACITY TABLE

POST HEIGHT (mm)	AXIAL LOAD CAPACITY (kN) (FACTORED RESISTANCE)
3600	15.2
3300	18.1
3000	21.9
2700	27.0
2400	34.2
2100	44.7



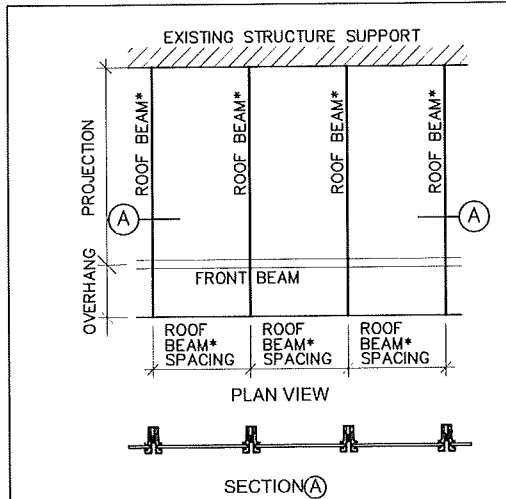
t=2.5
70 x 70 POST
6063-T6
DRAWING NUMBER 11780003



VT4 ROOF BEAM* PROJECTION CHART

ROOF BEAM* @ 1200 o/c, @ 900 o/c, @ 600 o/c AND @ 400 o/c

*INCLUDING GLAZING PROFILE



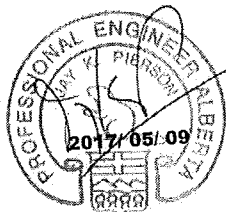
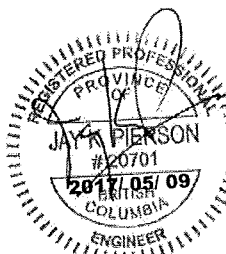
NOTES

- Design Load includes Ground Snow Load (Ss) and a Rain Load (Sr) of 0.3 kPa, calculated in accordance with the requirements of the 2015 National Building Code of Canada and current editions of the 2012 Ontario Building Code, the 2011 Manitoba Building Code, 2014 Alberta Building Code and 2012 British Columbia Building Code.
- Revise indicated spans where Rain Load is greater than 0.3 kPa.
- Maximum spans as indicated are for residential use only. Other uses and configurations require separate engineering design.
- Maximum spans as indicated do not include snow build-up conditions as described in the building code. Separate engineering design is required if such conditions are determined to exist.
- Structural alloy 6063-T6 or Equivalent.
- Issued Jan 2017.

X-ONE INTERMEDIATE SUPPORT REQUIRED FOR ACRYLIC PANEL EQUAL SPACED BETWEEN EXISTING STRUCTURE SUPPORT AND END OF OVERHANG

GROUND SNOW LOAD Ss (kPa)	OVERHANG (mm)	MAXIMUM PROJECTION @ 1200 (mm) o/c	MAXIMUM PROJECTION @ 900 (mm) o/c	MAXIMUM PROJECTION @ 600 (mm) o/c	MAXIMUM PROJECTION @ 400 (mm) o/c
1.2	0	3422	3766	4311	4935
	300	3444 X	3786	4328	4950
	600	3453 X	3795	4337	4956
1.4	0	3312 X	3646	4173	4777
	300	3335 X	3667	4191	4795
	600	3344 X	3676	4200	4801
1.6	0	3216 X	3539	4051	4638
	300	3240 X	3560	4069	4654
	600	3249 X	3569	4078	4660
1.8	0	3129 X	3444	3943	4513
	300	3152 X	3466 X	3962	4529
	600	3164 X	3475 X	3968	4535
2.0	0	3019 X	3359 X	3845	4401
	300	3048 X	3380 X	3865	4420
	600	3136 X	3389 X	3871	4426
2.2	0	2913 X	3281 X	3756	4299
	300	2941 X	3304 X	3776	4316
	600	3033 X	3313 X	3786	4325
2.4	0	2817 X	3210 X	3675	4206
	300	2847 X	3234 X	3694	4225
	600	2941 X	3243 X	3703	4231
2.6	0	2730 X	3145 X	3600	4121
	300	2761 X	3170 X	3621	4139
	600	2859 X	3179 X	3630	4145
2.8	0	2650 X	3060 X	3531	4042
	300	2682 X	3088 X	3551	4060
	600	2783 X	3121 X	3560	4069
3.0	0	2577 X	2976 X	3467	3969
	300	2612 X	3005 X	3490	3987
	600	2713 X	3063 X	3499	3996
3.2	0	2510 X	2899 X	3408	3901
	300	2545 X	2929 X	3429	3920
	600	2649 X	3014 X	3438	3929
3.4	0	2448 X	2827 X	3352	3837
	300	2484 X	2859 X	3374	3856
	600	2591 X	2950 X	3383	3865
3.6	0	2390 X	2760 X	3300	3777
	300	2426 X	2792 X	3322	3798
	600	2536 X	2886 X	3331	3807
3.8	0	2336 X	2698 X	3251	3721
	300	2374 X	2731 X	3274	3740
	600	2484 X	2829 X	3283	3749
4.0	0	2286 X	2640 X	3204	3668
	300	2326 X	2673 X	3228 X	3688
	600	2438 X	2774 X	3237 X	3697

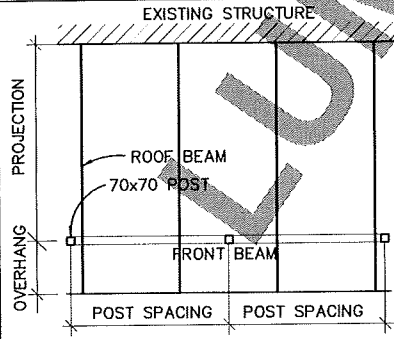
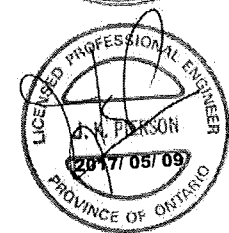
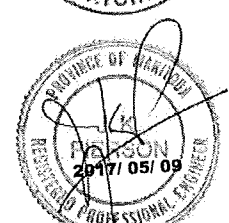
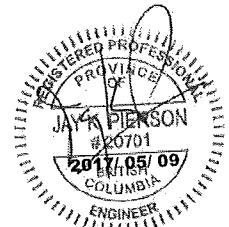
This cover has 619mm centre to centre spacing



POST SPACING CHART

FRONT BEAM with 70 x 70 Posts for L7 2-Openings, 10mm deflection

Ground Snow Load (kPa)	Projection (mm)	Overhang = 0mm					Overhang = 300mm					Overhang = 600mm				
		Post Height (mm)					Post Height (mm)					Post Height (mm)				
		2100	2400	2700	3000	3600	2100	2400	2700	3000	3600	2100	2400	2700	3000	3600
1.2	2400	3945	3945	3945	3945	3945	3719	3719	3719	3719	3535	3528	3528	3528	3528	2863
	2700	3830	3830	3830	3830	3830	3634	3634	3634	3634	3221	3465	3465	3465	3465	2662
	3000	3731	3731	3731	3731	3579	3557	3557	3557	3557	2958	3406	3406	3406	3406	2485
	3300	3643	3643	3643	3643	3253	3488	3488	3488	3488	2734	3351	3351	3351	3351	2329
	3600	3565	3565	3565	3565	2982	3425	3425	3425	3425	2541	3300	3300	3300	3157	2191
	3900	3494	3494	3494	3494	2753	3367	3367	3367	3367	2374	3253	3253	3253	2979	2068
	4200	3430	3430	3430	3430	2556	3313	3313	3313	3208	2227	3208	3208	3208	2820	1957
4500	3371	3371	3371	3371	2386	3264	3264	3264	3021	2097	3158	3158	3158	2676	1857	
1.4	2400	3829	3829	3829	3829	3829	3610	3610	3610	3610	3196	3424	3424	3424	3424	2589
	2700	3718	3718	3718	3718	3595	3527	3527	3527	2912	3363	3363	3363	3363	3247	
	3000	3621	3621	3621	3621	3236	3452	3452	3452	2674	3305	3305	3305	3305	3238	
	3300	3536	3536	3536	3536	2942	3385	3385	3385	3385	2472	3252	3252	3252	3035	
	3600	3460	3460	3460	3460	2696	3324	3324	3324	3310	2298	3203	3203	3203	2854	
	3900	3391	3391	3391	3391	2489	3268	3268	3268	3092	2146	3157	3157	3157	2694	
	4200	3329	3329	3329	3329	2311	3216	3216	3216	2901	2013	3082	3082	3082	2550	
4500	3272	3272	3272	3108	2157	3168	3168	3168	2732	1896	3003	3003	2983	2420		
1.6	2400	3728	3728	3728	3728	3691	3515	3515	3515	3515	2916	3334	3334	3334	3334	2362
	2700	3620	3620	3620	3620	3281	3434	3434	3434	2858	3274	3274	3274	3274	3165	
	3000	3526	3526	3526	3526	2953	3361	3361	3361	2440	3218	3218	3218	2955		
	3300	3443	3443	3443	3443	2684	3296	3296	3296	3256	2256	3167	3167	3167	2769	
	3600	3368	3368	3368	3368	2461	3236	3236	3236	3021	2097	3115	3115	3115	2605	
	3900	3302	3302	3302	3273	2271	3182	3182	3182	2822	1958	3026	3026	3026	2458	
	4200	3241	3241	3241	3039	2109	3131	3131	3131	2647	1837	2944	2944	2869	2327	
4500	3186	3186	3186	2836	1968	3048	3048	3048	2493	1730	2868	2868	2722	2208		
1.8	2400	3639	3639	3639	3639	3394	3431	3431	3431	3431	2682	3255	3255	3255	3130	2172
	2700	3533	3533	3533	3533	3017	3352	3352	3352	2444	3196	3196	3196	3196	2910	
	3000	3442	3442	3442	3442	2715	3281	3281	3281	2244	3142	3142	3142	3142	2717	
	3300	3361	3361	3361	3361	2469	3217	3217	3217	2989	2074	3080	3080	3080	2547	
	3600	3288	3288	3288	3260	2263	3159	3159	3159	2778	1928	2987	2987	2953	2395	
	3900	3223	3223	3223	3010	2089	3106	3106	3106	2595	1801	2902	2902	2787	2260	
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2.0	2400	3560	3560	3560	3560	3142	3356	3356	3356	3356	2482	3184	3184	3184	2897	2011
	2700	3457	3457	3457	3457	2793	3279	3279	3279	3259	2262	3127	3127	3127	2693	
	3000	3367	3367	3367	3367	2513	3210	3210	3210	2993	2077	3061	3061	3061	2515	
	3300	3287	3287	3287	3287	2285	3147	3147	3147	2766	1920	2963	2963	2906	2357	
	3600	3217	3217	3217	3018	2094	3090	3090	3090	2571	1784	2874	2874	2733	2217	
	3900	3153	3153	3153	2786	1933	2992	2992	2961	2402	1667	2792	2792	2579	2092	
	4200	3095	3095	3095	2587	1795	2897	2897	2778	2253	1564	2716	2716	2442	1980	
4500	2999	2999	2976	2414	1675	2812	2812	2616	2122	1472	2646	2646	2317	1879		



- NOTES**
- Design Load includes Ground Snow Load (S_g) and a Rain Load (S_r) of 0.3 kPa, calculated in accordance with the requirements of the 2015 National Building Code of Canada and current editions of the 2012 Ontario Building Code, the 2011 Manitoba Building Code, 2014 Alberta Building Code and 2012 British Columbia Building Code.
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 - Maximum spacings as indicated do not include snow build-up conditions as described in the building code. Separate engineering design is required if such conditions are determined to exist.
 - Structural alloy 6063-T6 or Equivalent.
 - Issued Jan 2017.