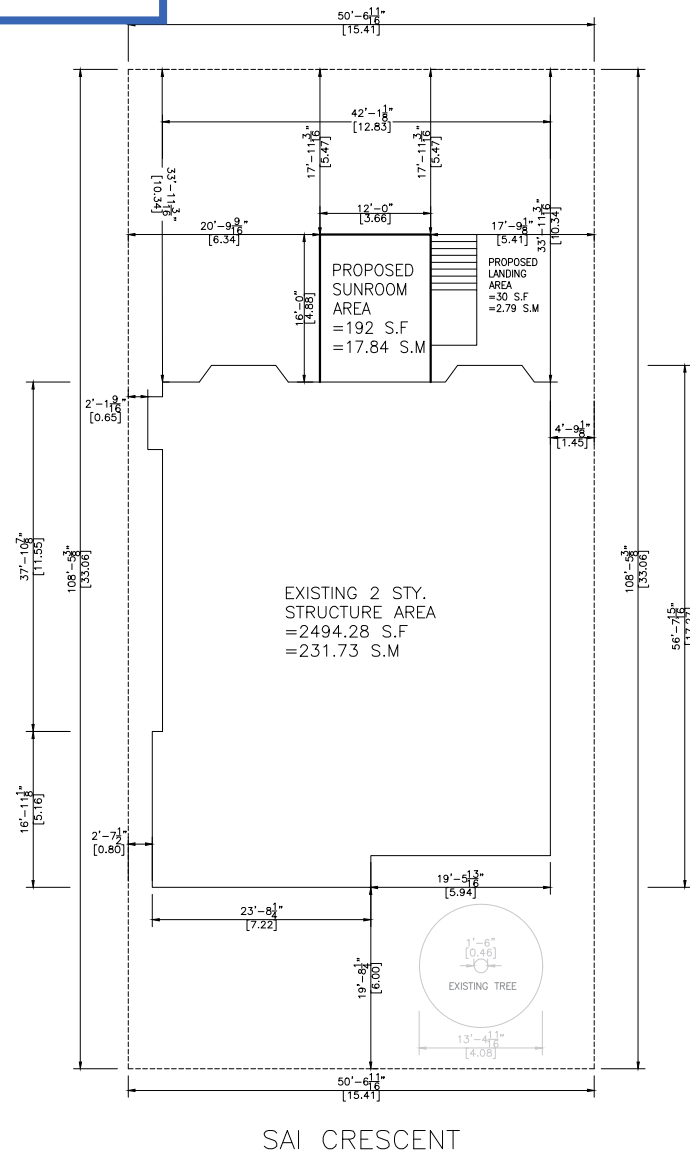


Committee of Adjustment
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2023-09-22

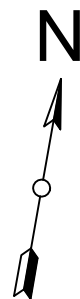
City of Ottawa | Ville d'Ottawa
Comité de dérogation



SAI CRESCENT

SITE PLAN
SCALE = 1:150

THIS SITE PLAN IS
DRAWN PER THE OWNER
INFORMATION



NOTES:

1. THE WALLS AND ROOF STRUCTURAL PANELS OF THE SUNROOM WILL BE PREFABRICATED BY LIFESTYLE SUNROOMS INC. AND WILL BE INSTALLED BY ITS TRAINED SKILLED INSTALLERS.
2. A PROFESSIONAL ENGINEER UNDERTAKES THE GENERAL REVIEW OF THE INSTALLATION.
3. A FINAL PROJECT REVIEW LETTER WILL BE SUBMITTED TO THE BUILDING DEPARTMENT AFTER THE COMPLETION.
4. (1). STAIRS RISER DIMENSIONS SHALL CONFIRM TO ARTICLES 9.8.4.2 AND 9.8.4.3 OF THE 2012 OBC WHICH STIPULATES THAT RISERS DESIGNED FOR PRIVATE USE MUST HAVE A MAXIMUM RISE OF NO MORE THAN 200 mm OR A MINIMUM RISE OF NO LESS THAN 125 mm AND A MAXIMUM RUN OF NO MORE THAN 355 mm OR A MINIMUM RUN OF NO MORE THAN 210 mm AND A MAXIMUM TREAD DEPTH OF 355 mm OR A MINIMUM TREAD DEPTH OF NO LESS THAN 235 mm.
4. (2). REQUIRED EXIT STAIRS SHALL HAVE A WIDTH, MEASURED BETWEEN WALL FACES OR GUARDS, OF NOT LESS THAN 900 mm AS PER ARTICLE 9.8.2.1 OF THE 2012 OBC.
5. THE WIDTH OF THE LANDING IF REQUIRED SHALL BE NOT LESS THAN THE GREATER REQUIRED STAIR WIDTH WHERE ONE OR MORE OF THE STAIR WIDTHS DO NOT EXCEED THEIR RESPECTIVE REQUIRED WIDTHS, OR NOT LESS THAN THE LESSER ACTUAL STAIR WIDTH WHERE ALL OF THE WIDTHS OF THE STAIRS EXCEED THEIR RESPECTIVE REQUIRED WIDTHS AS PER ARTICLES 9.8.6.2 AND 9.8.6.3 OF THE 2012 OBC.
6. ALL HAND RAILS AND GUARDS SHALL BE BUILT AS PER OBC 2012 AND SUPPLEMENTARY STANDARD SB-7. EXTERIOR HANDRAIL AND GUARDS TO BE AT LEAST 900 mm OR 36" MEASURED VERTICALLY ABOVE THE NOSING OF ANY TREAD AND/OR PLATFORM NOT MORE THAN 1800 mm OR 5'-11" ABOVE THE FINISHED GROUND AS PER SUBSECTIONS 9.8.7 AND 9.8.8 OF 2012 OBC; ALL PICKET AND/OR GUARD SPACING MUST BE NO MORE THAN 100 mm OR 4" APART AS PER ARTICLE 9.8.8.5 OF THE 2012 OBC; ALL BALUSTERS TO BE SPACED NO MORE THAN 1200 mm OR 48" APART.
7. TO CARRY RAINWATER AWAY FROM THE SUNROOM, DOWNSPOUTS WILL BE INSTALLED AT THE OUTSIDE CORNERS OF ROOM IN ACCORDANCE TO ARTICLES 9.26.18.2, 7.3.3.7, AND 5.6.2.2 OF THE 2012 OBC.
8. ALL ADDITIONAL ASPECTS OF THE PROJECT WILL BE INSTALLED ACCORDING TO TACBOC DETAILS AND COMPLY WITH THE REQUIREMENTS STIPULATED BY THE 2012 OBC, INCLUDING DOORS (TO SECTION 9.6.); WINDOWS (TO SECTION 9.7.); SKYLIGHTS (TO SUBSECTION 9.7.7.); GLASSES (TO SUBSECTION 9.7.3.); WOOD FRAME CONNECTIONS, DECK FARMING, STICK BUILT WALLS AND SUBFLOORING (TO SUBSECTION 9.23.14); BUILT-UP BEAMS (TO ARTICLE 9.23.8.3); BUILT-UP COLUMNS (TO ARTICLE 9.17.4.2); ROOFING (TO SECTION 9.26.); ROOF DRAINS AND DOWNSPOUTS (TO SUBSECTION 9.26.18.); FLASHING (TO SUBSECTIONS 9.20.13 & 9.26.3 & 9.26.4); CLADDING (TO SECTION 9.27.); CAULKING (TO SUBSECTION 9.27.4.); INTERIOR FINISHING (TO SUBSECTION 9.29.); FLOORING (TO SECTION 9.30.); STAIRS, RAMPS, HANDRAILS AND GUARDS (TO SECTION 9.8.); LIGHTING OUTLETS (TO SECTION 9.34.).

LOT AREA	603.46 m ²	6495.62 ft ²
TOTAL EXISTING FLOOR AREA	231.73 m ²	2494.28 ft ²
PROPOSED SUNROOM AREA	17.84 m ²	192 ft ²
PROPOSED DECK+ LANDING AREA	2.79 m ²	30 ft ²
TOTAL EXISTING AND PROPOSED FLOOR AREA	252.36 m ²	2716.28 ft ²
TOTAL LOT COVERAGE	~41.82 %	



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Peterborough, Ontario K9J 3X2
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Tel: 800-465-0593
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PROJECT
**LIFESTYLE SUNROOM
ADDITION**

PROJECT ADDRESS

17 SAI CRES
OTTAWA, ON
K1G 5N7

DRAWING TITLE

SITE PLAN

DRAWING NUMBER

01

REVISION PROJECT# DESIGN#

PRJ91785

MODEL TYPE

3125 THE OASIS PLUS (5.5" ALUM TOP)

CLIENT

George & Corinne Yee

DATE SCALE

JUN 21, 2023

DRAWN BY: CHECKED BY:

E.Y.

J.P.

LIFESTYLE ENGINEERING



PROJECT

LIFESTYLE SUNROOM ADDITION

PROJECT ADDRESS

17 SAI CRES
OTTAWA, ON
K1G 5N7

DRAWING TITLE

DECK & ROOF PLAN

DRAWING NUMBER

02

REVISION PROJECT# DESIGN#

PRJ91785

MODEL TYPE

3125 THE OASIS PLUS (5.5" ALUM TOP)

CLIENT

George & Corinne Yee

DATE SCALE

JUN 21, 2023

DRAWN BY: CHECKED BY:

E.Y.

J.P.

LIFESTYLE ENGINEERING



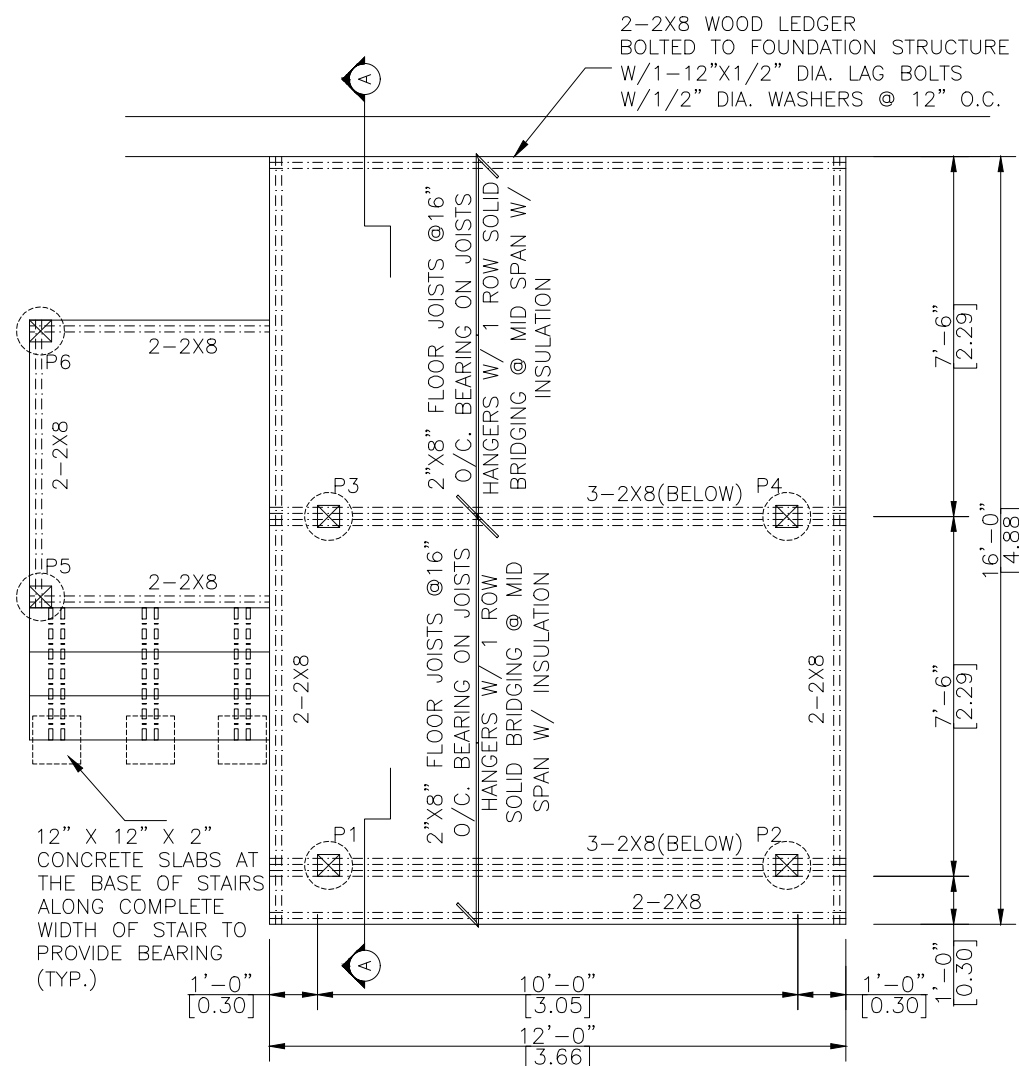
- * NOTES:**
-HELICAL PILES ARE PER CCMC 13059-R AND THE ENCLOSED CALCULATIONS
-THE STRUCTURAL PANELS ARE ACCORDING TO BMEC#03-08-287 AND THE ENCLOSED CALCULATIONS

Committee of Adjustment
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2023-09-22

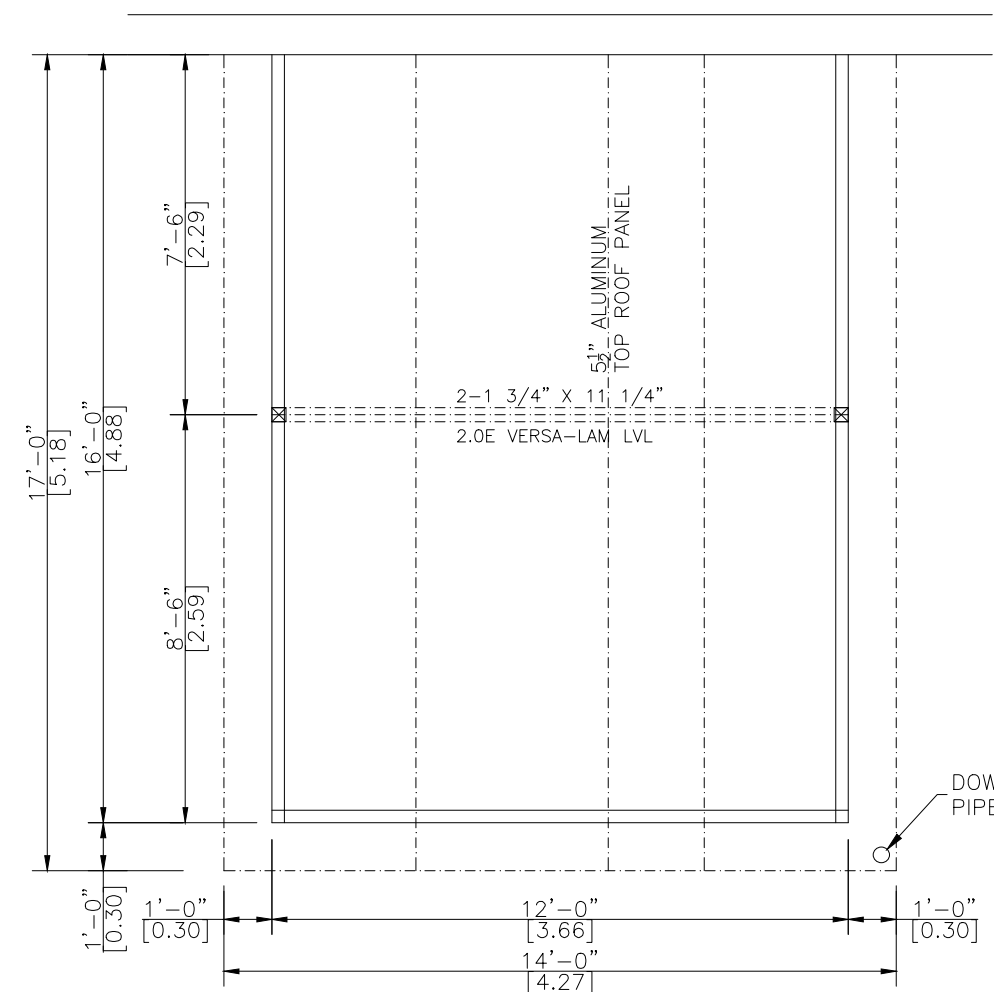
City of Ottawa | Ville d'Ottawa
Comité de dérogation

P1,P2	Compressive Load = 23.90 KN = 5374 Lbs Use helical post per structural calculation
P3,P4	Compressive Load = 47.81 KN = 10748 Lbs Use helical post per structural calculation



PIERS & DECK PLAN

SCALE 1/4"=1'-0"



WALLS & ROOF PLAN

SCALE 1/4"=1'-0"

PROJECT

**LIFESTYLE SUNROOM
ADDITION**

PROJECT ADDRESS

17 SAI CRES
OTTAWA, ON
K1G 5N7

DRAWING TITLE

ELEVATIONS

DRAWING NUMBER

03

REVISION PROJECT# DESIGN#

PRJ91785

MODEL TYPE

3125 THE OASIS PLUS (5.5" ALUM TOP)

CLIENT

George & Corinne Yee

DATE SCALE

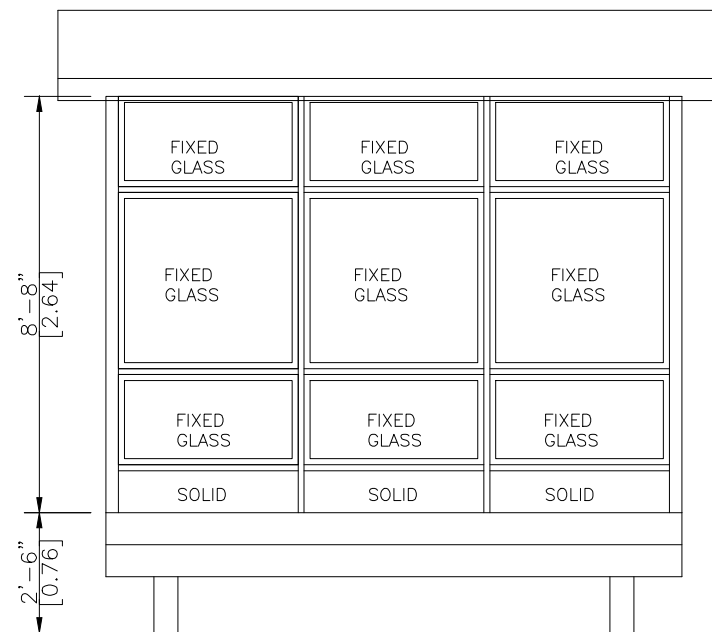
JUN 21, 2023

DRAWN BY: CHECKED BY:

E.Y.

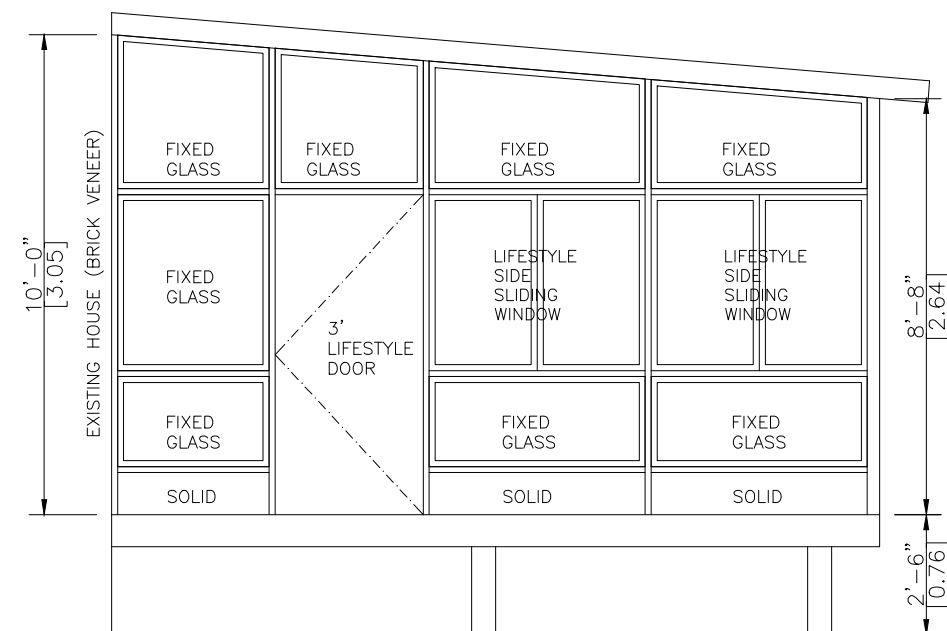
J.P.

LIFESTYLE ENGINEERING



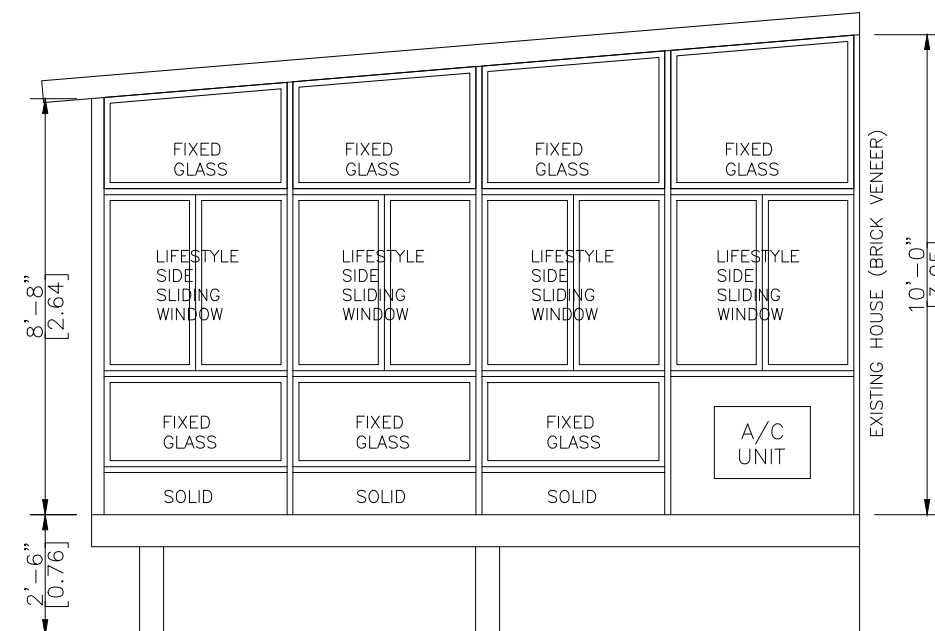
FRONT ELEVATION

SCALE 1/4"=1'-0"



LEFT ELEVATION

SCALE 1/4"=1'-0"



RIGHT ELEVATION

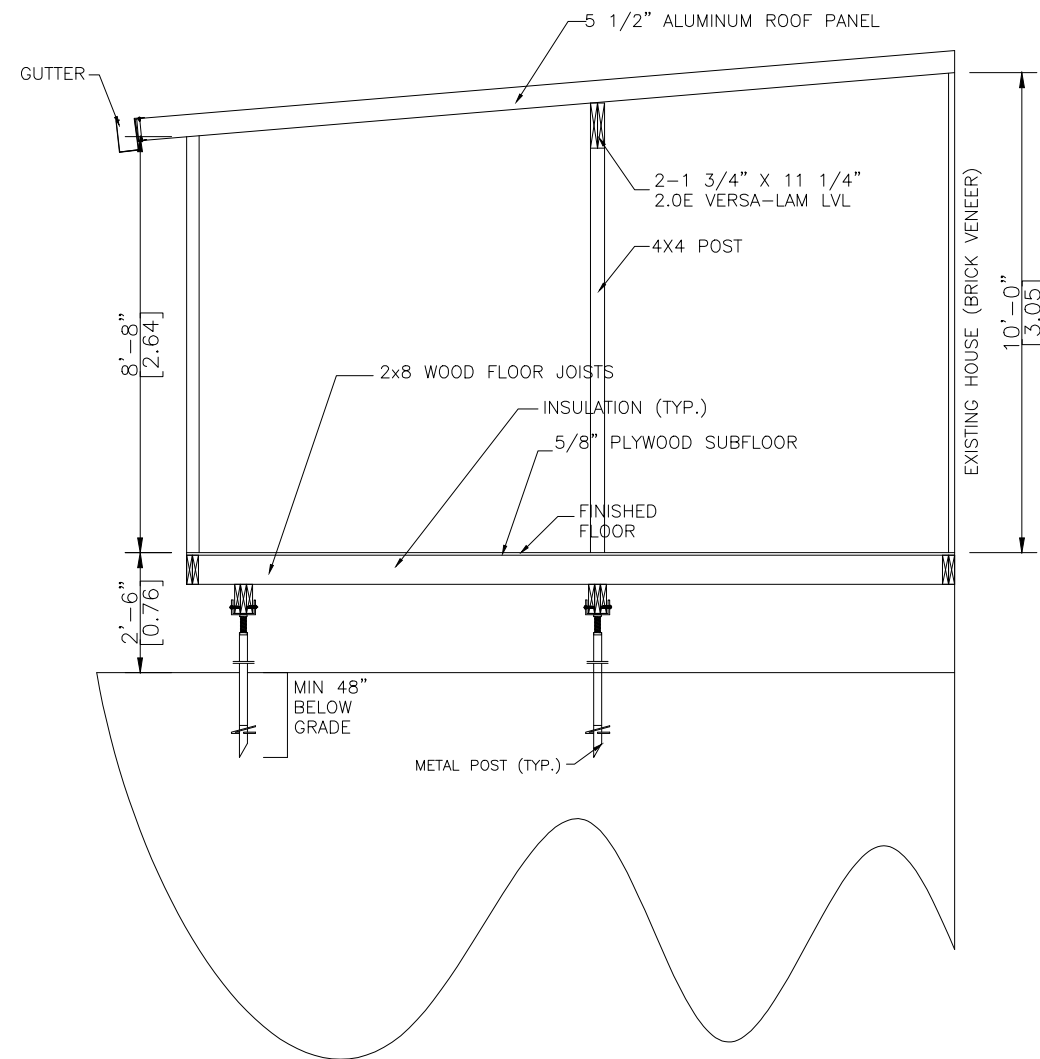
SCALE 1/4"=1'-0"

NOTE:

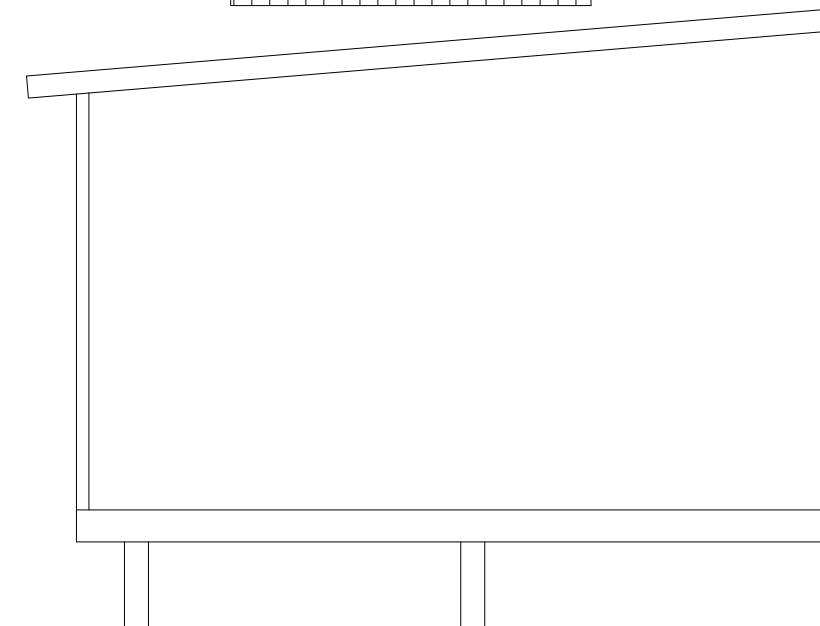
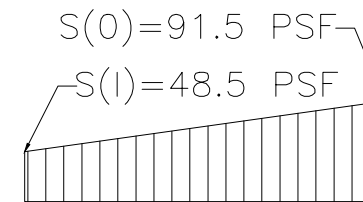
- THE M3500 WAS TESTED AND CERTIFIED BY INTERTEK CANADA. WITH A MAXIMUM PAYLOAD OF 96,440 LBS, WITH A 4/1 SAFETY RATIO, GIVING THE M3500 A SAFETY LOAD FACTOR OF APPROX. 24,100 LBS PER BRACKET.
- 6 SLEEVE ANCHORS TO ATTACH THE M3500 TO THE FOUNDATION OF THE HOUSE.
- FRONT AND SIDE LATERAL SUPPORTS TO BE INSTALLED ON THE FRONT BEAM/POST ASSEMBLY.

NOTE:

- HELICAL PILES MADE OF STEEL IN ACCORDANCE WITH ASTM A500 GRADE C AND CAN/CSA-G40.21-97 HEAT GALVANIZED WITH A GALVANIZATION RATING OF AT LEAST 610 g/m² ACCORDING TO THE CSA-G164M-92 STANDARDS. ALL HELICAL PILES MUST BE INSTALLED TO A DEPTH OF AT LEAST 48" OR GREATER BELOW GRADE LEVEL AND IN ACCORDANCE WITH THE TORQUE SPECIFICATIONS.(REFER TO STRUCTURAL CALCULATION)
- ALL CONCRETE PIER DESIGNS BASED ON SOIL BEARING CAPACITY OF 1500 P.s.f. (REFER TO STRUCTURAL CALCULATIONS)



A-A SECTION
SCALE= 1/4"=1'-0"



SNOW ACCUMULATION
REFER TO ATTACHED CALCULATION



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PROJECT

**LIFESTYLE SUNROOM
ADDITION**

PROJECT ADDRESS

17 SAI CRES
OTTAWA, ON
K1G 5N7

DRAWING TITLE

A-A SECTION & SNOW
ACCUMULATION

DRAWING NUMBER

04

REVISION PROJECT# DESIGN#

PRJ91785

MODEL TYPE

3125 THE OASIS PLUS (5.5" ALUM TOP)

CLIENT

George & Corinne Yee

DATE SCALE

JUN 21, 2023

DRAWN BY: CHECKED BY:

E.Y. J.P.

LIFESTYLE ENGINEERING

