





**\* 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

<b>P1,P2</b>	Compressive Load = 31.42 KN = 7063 Lbs	<b>P4,P5</b>	Compressive Load = 6.43 KN = 1446 Lbs
	Use helical post per structural calculation		Use helical post per structural calculation
<b>P3</b>	Compressive Load = 12.01 KN = 2701 Lbs		
	Use helical post per structural calculation		



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**PROJECT**  
**LIFESTYLE UNHEATED SUNROOM ADDITION**

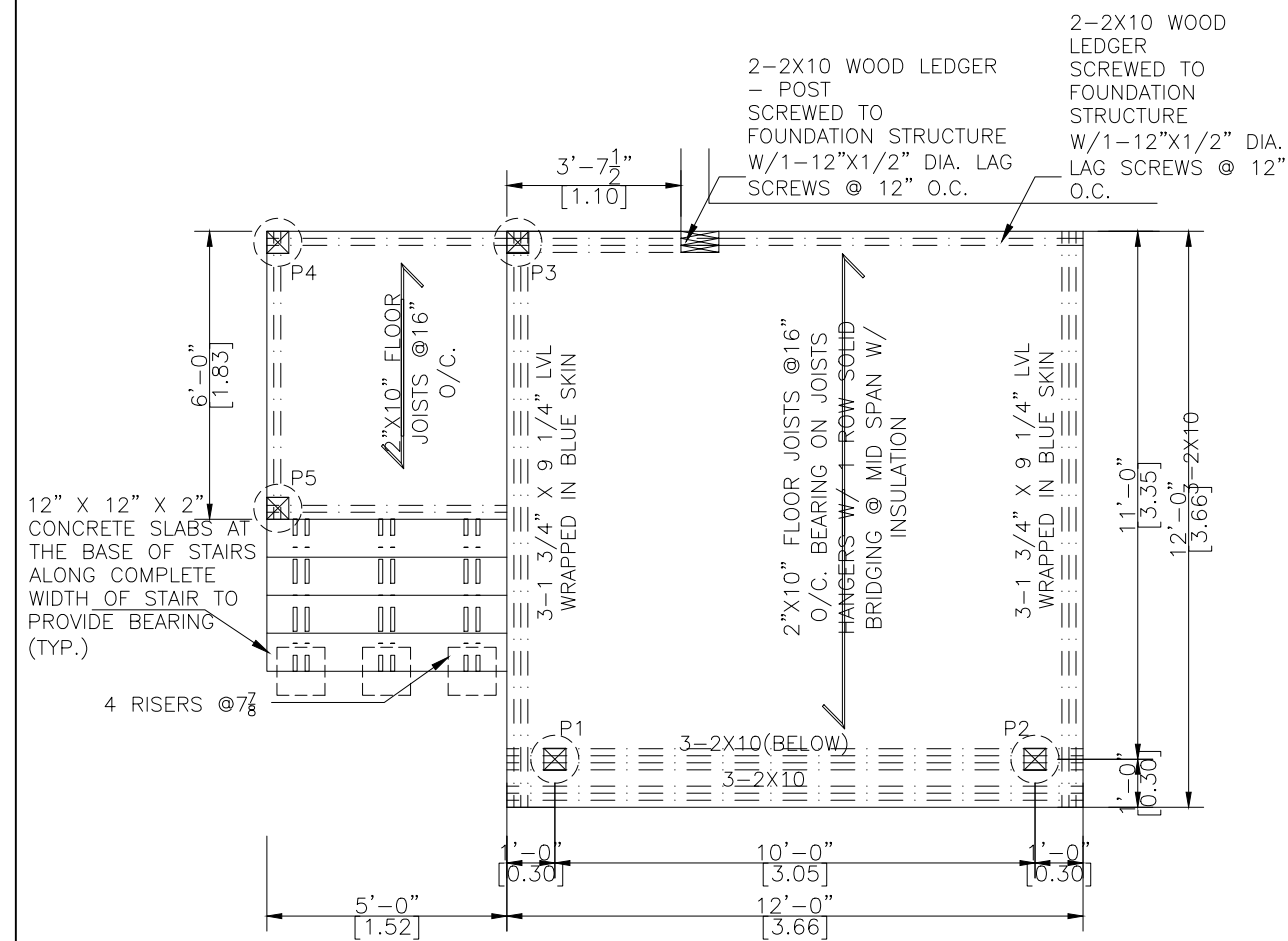
**PROJECT ADDRESS**  
 167 YOHO DR  
 KANATA ONTARIO  
 K2M 2V4

**DRAWING TITLE**  
**DECK & ROOF PLAN**

**DRAWING NUMBER**  
**02**

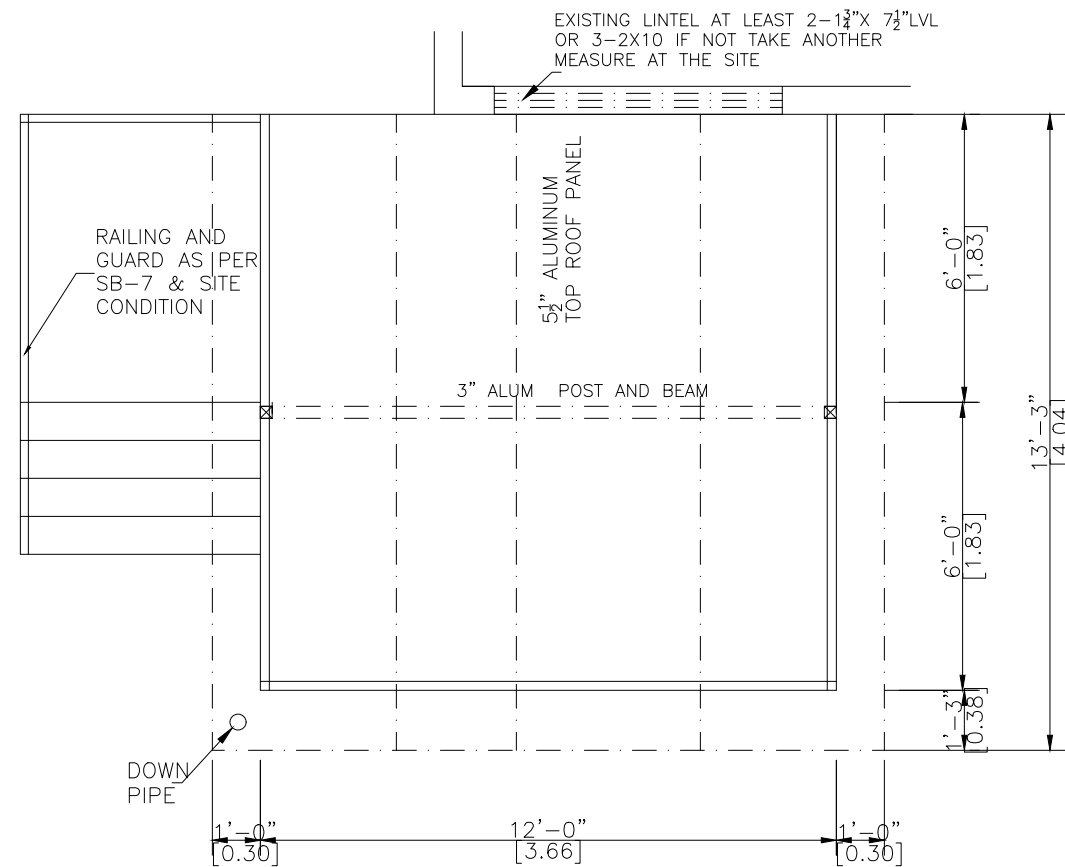
REVISION	PROJECT#	DESIGN#
	PRJ92224	
<b>MODEL TYPE</b>		
225 STUDIO (3' ALUM TOP ROOF)		
<b>CLIENT</b>		
TERRY AND GEORGE SANDOVAL		
<b>DATE</b>	<b>SCALE</b>	
AUG 21 2023		
<b>DRAWN BY:</b>	<b>CHECKED BY:</b>	
A.A. & S.R.	J.P.	

**LIFESTYLE ENGINEERING**



**PIERS & DECK PLAN**

SCALE 1/4"=1'-0"



**WALLS & ROOF PLAN**

SCALE 1/4"=1'-0"

**PROJECT**

**LIFESTYLE UNHEATED  
SUNROOM ADDITION**

**PROJECT ADDRESS**

167 YOHO DR  
KANATA ONTARIO  
K2M 2V4

**DRAWING TITLE**

**ELEVATIONS**

**DRAWING NUMBER**

**03**

REVISION	PROJECT#	DESIGN#
	PRJ92224	

**MODEL TYPE**

225 STUDIO (3' ALUM TOP ROOF)

**CLIENT**

TERRY AND GEORGE SANDOVAL

DATE	SCALE
AUG 21 2023	

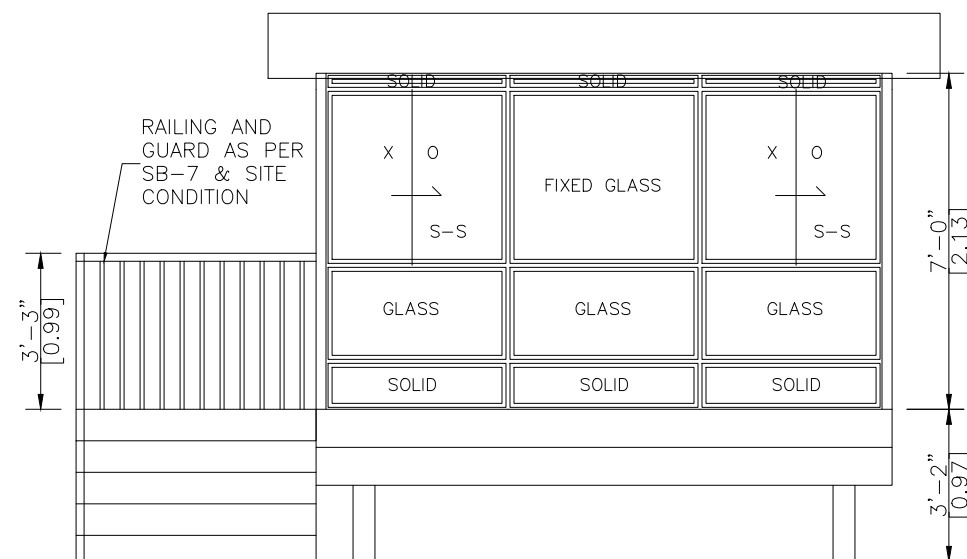
AUG 21 2023

DRAWN BY:	CHECKED BY:
A.A. & S.R.	J.P.

A.A. & S.R.

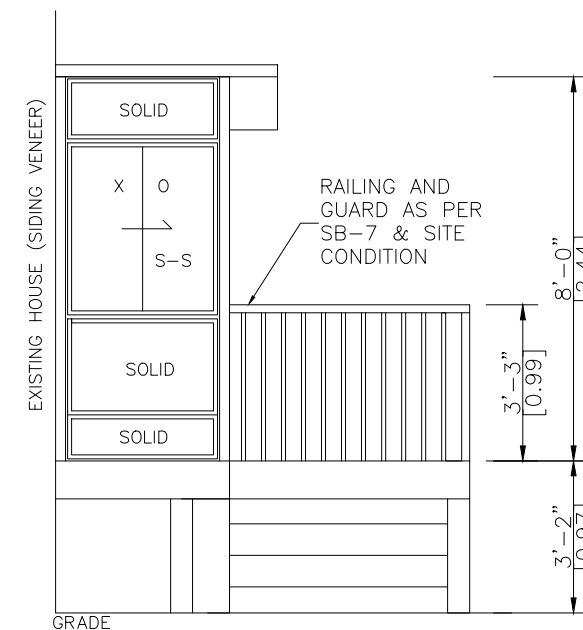
J.P.

**LIFESTYLE ENGINEERING**



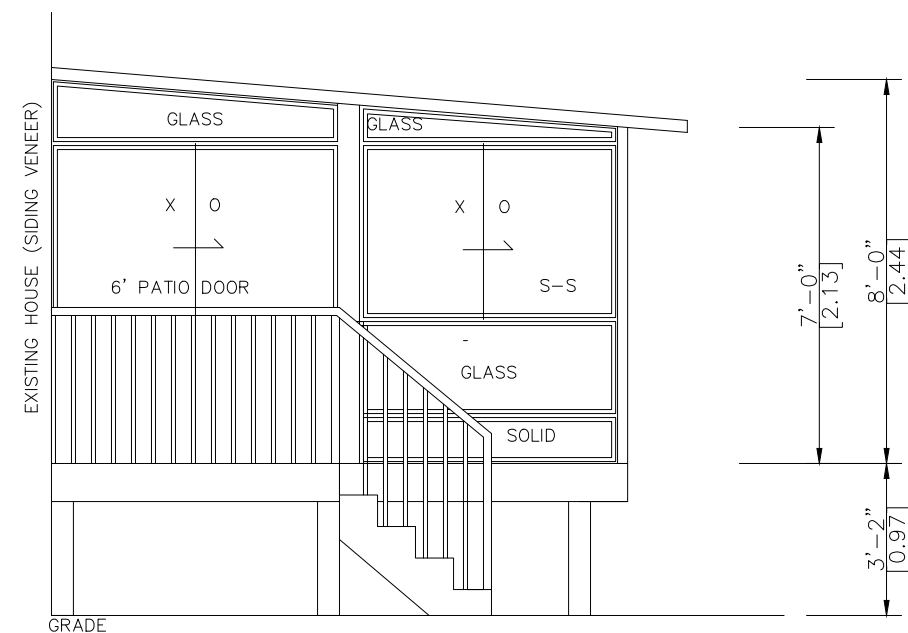
**NORTH ELEVATION**

SCALE 1/4"=1'-0"



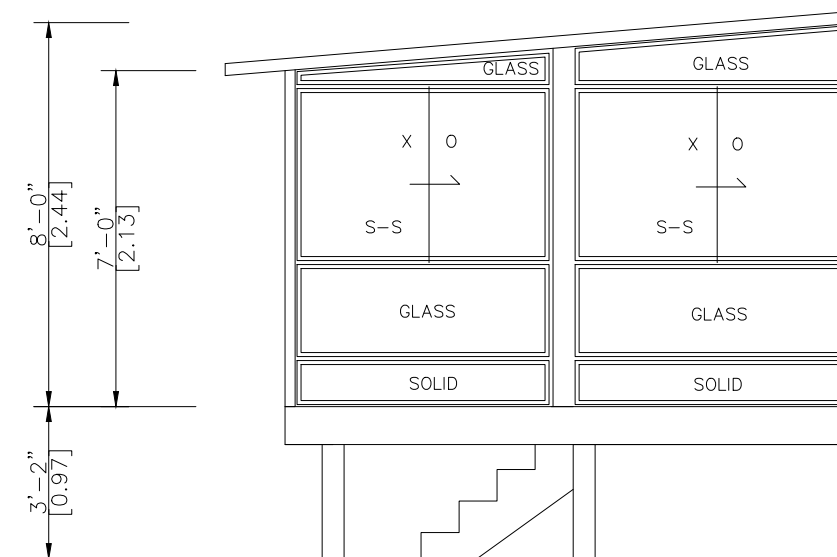
**SOUTH ELEVATION**

SCALE 1/4"=1'-0"



**EAST ELEVATION**

SCALE 1/4"=1'-0"



**WEST ELEVATION**

SCALE 1/4"=1'-0"

**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/m<sup>2</sup> 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)



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**PROJECT**

**LIFESTYLE UNHEATED  
 SUNROOM ADDITION**

**PROJECT ADDRESS**

167 YOHO DR  
 KANATA ONTARIO  
 K2M 2V4

**DRAWING TITLE**

**A-A SECTION & SNOW  
 ACCUMULATION**

**DRAWING NUMBER**

**04**

**REVISION PROJECT# DESIGN#**

PRJ92224

**MODEL TYPE**

225 STUDIO (3' ALUM TOP ROOF)

**CLIENT**

TERRY AND GEORGE SANDOVAL

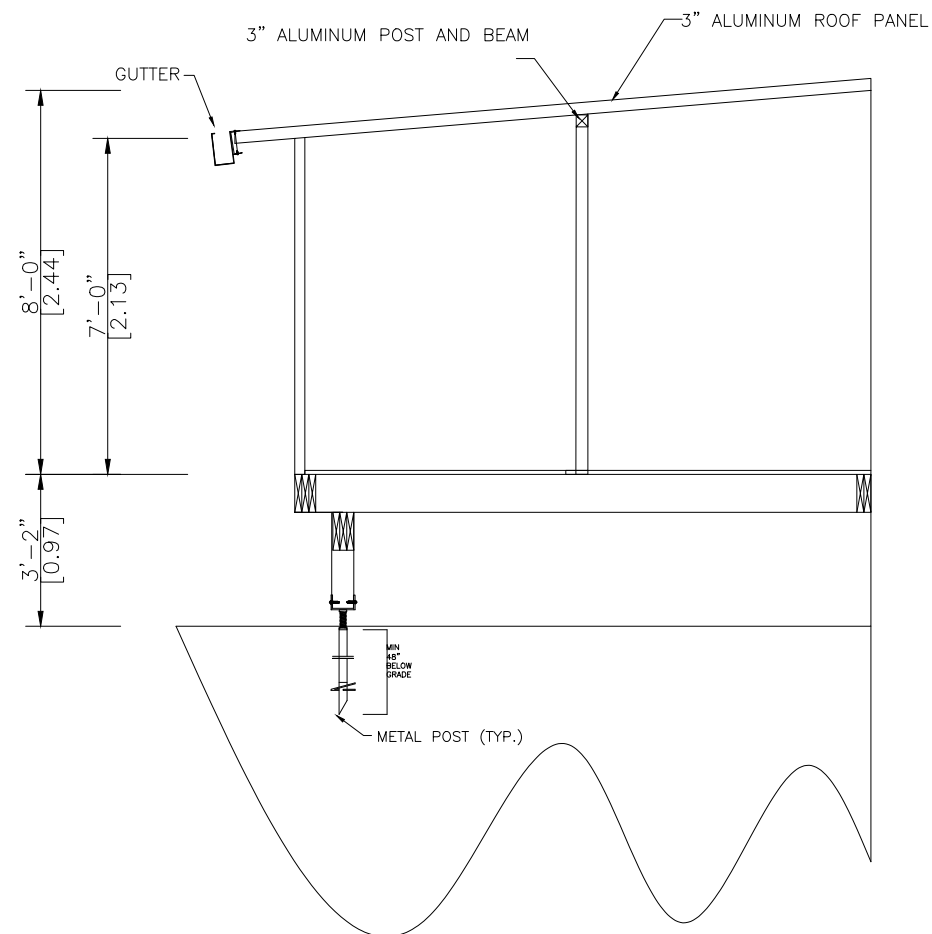
**DATE SCALE**

AUG 21 2023

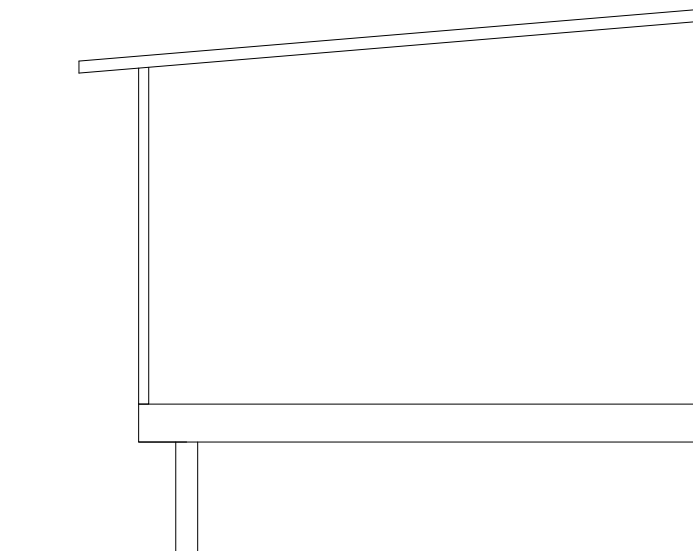
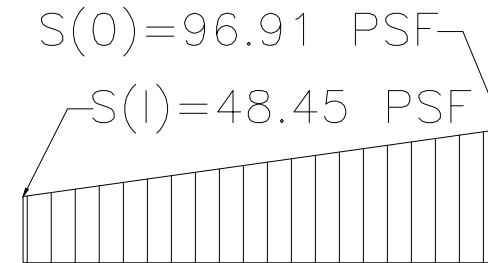
**DRAWN BY: CHECKED BY:**

A.A. & S.R. J.P.

**LIFESTYLE ENGINEERING**



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



**SNOW ACCUMULATION**  
 REFER TO ATTACHED CALCULATION