

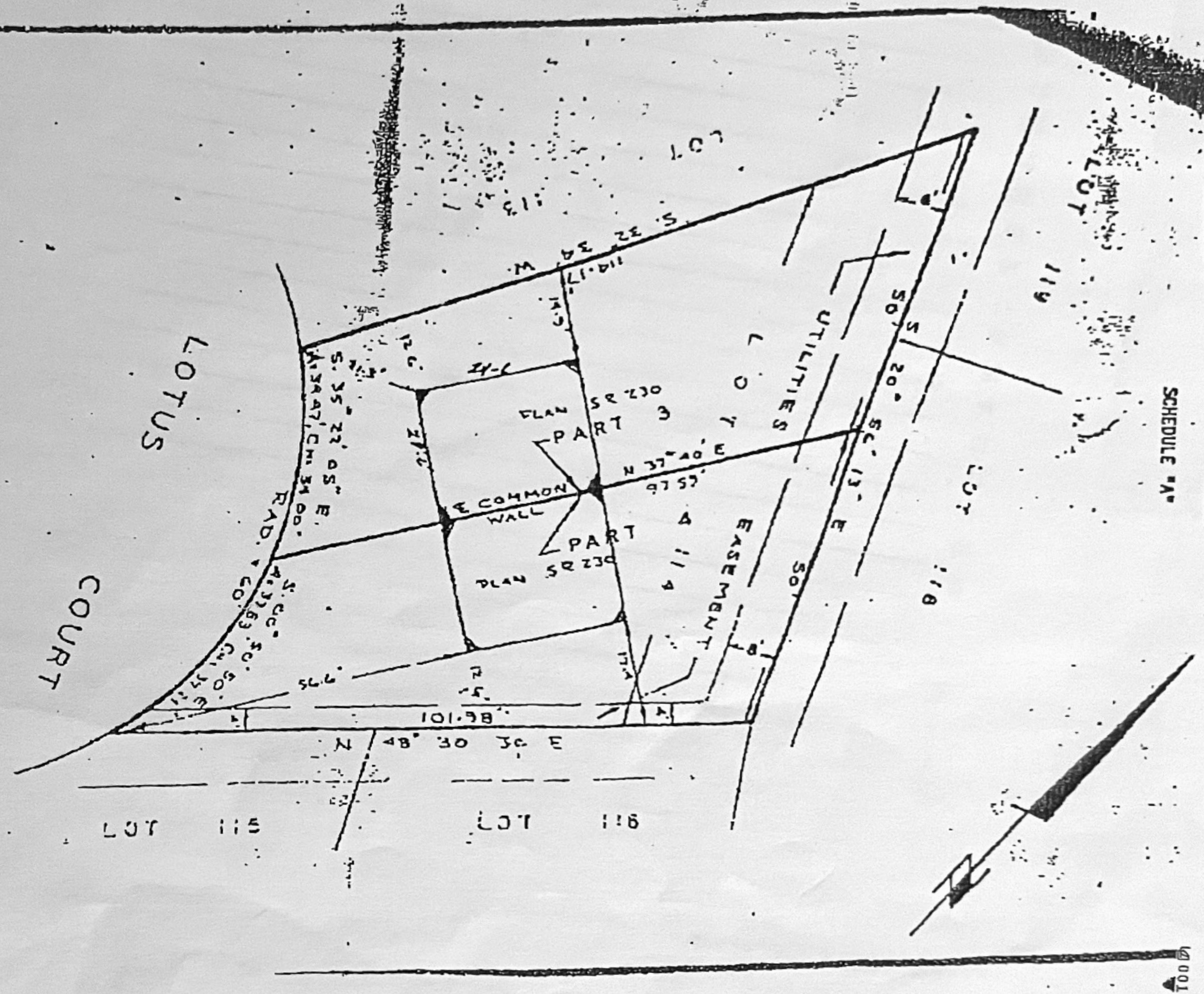
Committee of Adjustment

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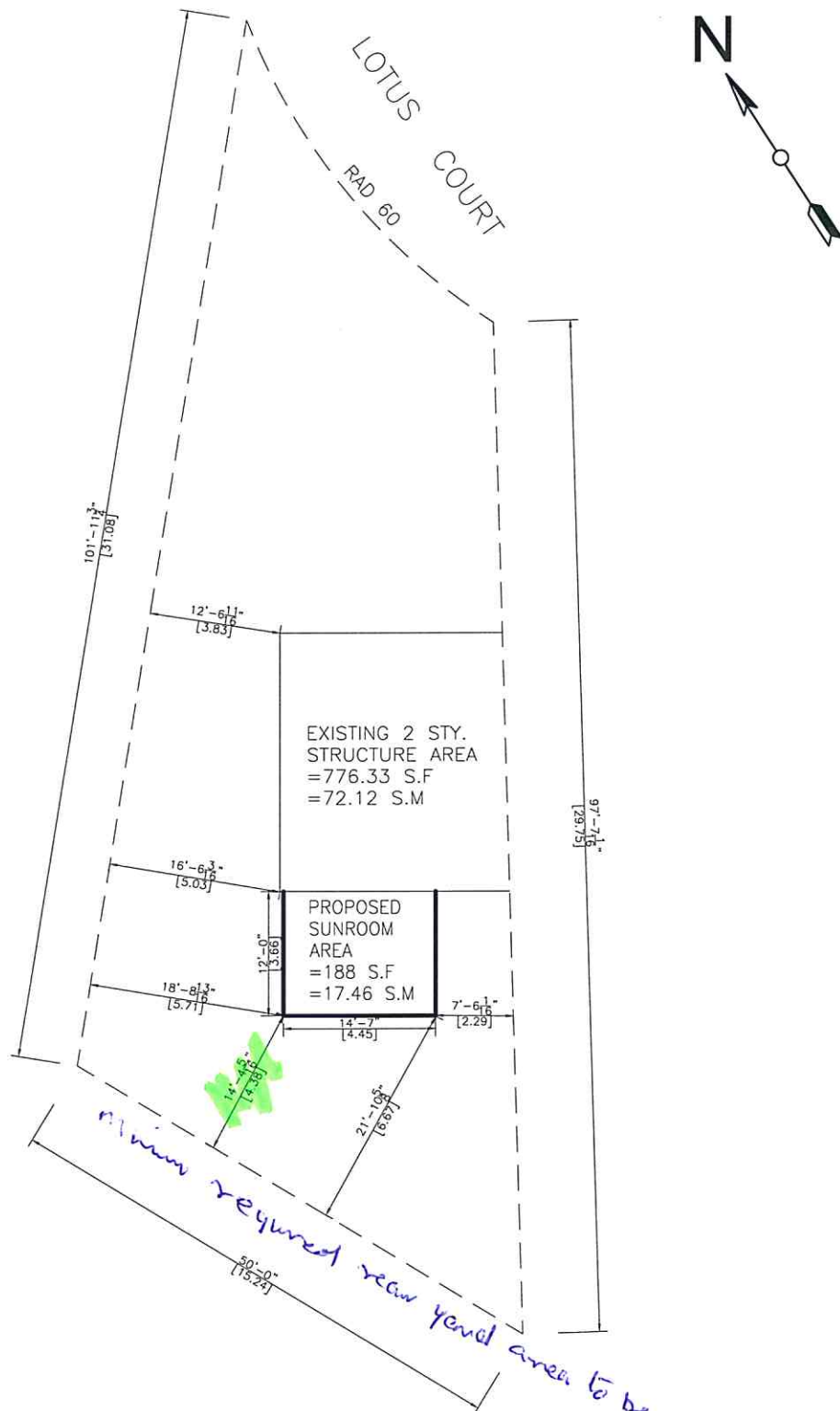
2023-09-21

City of Ottawa | Ville d'Ottawa
Comité de dérogation

CHARLES D. ROGERS ONTARIO LAND SURVEYOR	
LOT 114	REG'D. PLAN 854
TOWNSHIP OF GLOUCESTER	
REGIONAL MUNICIPALITY OF OTTAWA - CARLE	
Scale: 1" = 20'	Date: Jan 7, 1972
Ref. No. 1-8541	



TOTAL P. 02

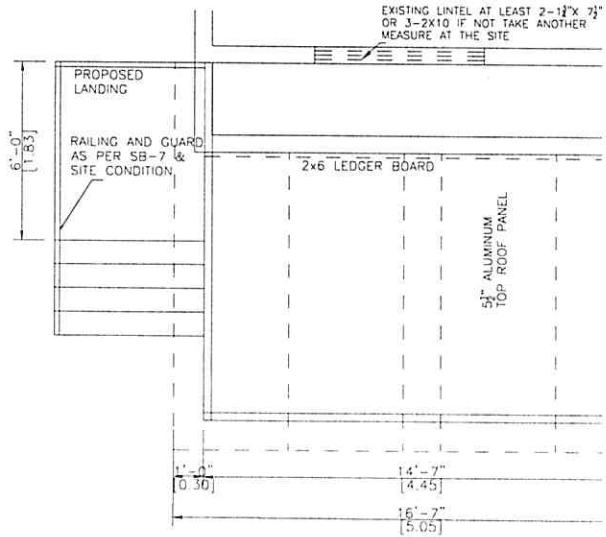
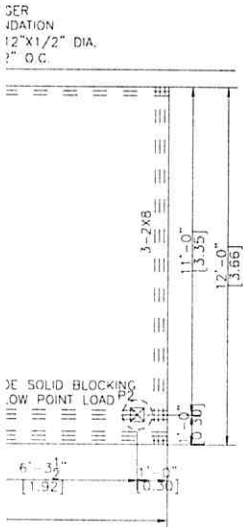


1. THE WALLS AND ROOF STRUCTURAL PANELS OF THE SUNROOM WILL BE PREFABRICATED LIFESTYLE SUNROOMS INC. AND WILL BE INSTALLED BY ITS TRAINED SKILLED INSTALLERS.
2. A PROFESSIONAL ENGINEER UNDERTAKES THE GENERAL REVIEW OF THE INSTALLATION.
3. A FINAL PROJECT REVIEW LETTER WILL BE SUBMITTED TO THE BUILDING DEPARTMENT AFTER COMPLETION.
4. (1). STAIRS RISER DIMENSIONS SHALL CONFIRM TO ARTICLES 9.8.4.2 AND 9.8.4.3 OF THE OBC WHICH STIPULATES THAT RISERS DESIGNED FOR PRIVATE USE MUST HAVE A MAXIMUM RISE NO MORE THAN 200 mm OR A MINIMUM RISE OF NO LESS THAN 125 mm AND A MAXIMUM OF NO MORE THAN 355 mm OR A MINIMUM RUN OF NO MORE THAN 255 mm AND A MAX 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 GUA 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 REQU STAIR WIDTH WHERE ONE OR MORE OF THE STAIR WIDTHS DO NOT EXCEED THEIR RESPE REQUIRED WIDTHS, OR NOT LESS THAN THE LESSER ACTUAL STAIR WIDTH WHERE ALL OF THE WI OF THE STAIRS EXCEED THEIR RESPECTIVE REQUIRED WIDTHS AS PER ARTICLES 9.8.6.2 AND 9. OF THE 2012 OBC.
6. ALL HAND RAILS AND GUARDS SHALL BE BUILT AS PER OBC 2012 AND SUPPLEMEN STANDARD SB-7. EXTERIOR HANDRAIL AND GUARDS TO BE AT LEAST 900 mm OR 36" MEASI VERTICALLY ABOVE THE NOSING OF ANY TREAD AND/OR PLATFORM NOT MORE THAN 1800 mm 5'-11" ABOVE THE FINISHED GROUND AS PER SUBSECTIONS 9.8.7 AND 9.8.8 OF 2012 OBC; PICKET AND/OR GUARD SPACING MUST BE NO MORE THAN 100 mm OR 4" APART AS PER AR 9.8.8.5 OF THE 2012 OBC; ALL BALUSTERS TO BE SPACED NO MORE THAN 1200 mm OR APART.
7. TO CARRY RAINWATER AWAY FROM THE SUNROOM, DOWNSPOUTS WILL BE INSTALLED AT OUTSIDE CORNERS OF ROOM IN ACCORDANCE TO ARTICLES 9.26.18.2, 7.3.3.7, AND 5.6.2.2 OF 2012 OBC.
8. ALL ADDITIONAL ASPECTS OF THE PROJECT WILL BE INSTALLED ACCORDING TO TACBOC DE AND COMPLY WITH THE REQUIREMENTS STIPULATED BY THE 2012 OBC, INCLUDING DOORS SECTION 9.6.); WINDOWS (TO SECTION 9.7.); SKYLIGHTS(TO SUBSECTION 9.7.7.); GLASSE SUBSECTION 9.7.3.); WOOD FRAME CONNECTIONS, DECK FARMING ,STICK BUILT WALLS SUBFLOORING (TO SUBSECTION 9.23.14);BUILT-UP BEAMS (TO ARTICLE 9.23.8.3); BUIL COLUMNS (TO ARTICLE 9.17.4.2); ROOFING (TO SECTION 9.26.); ROOF DRAINS AND DOWNSP (TO SUBSECTION 9.26.18.); FLASHING (TO SUBSECTIONS 9.20.13 &9.26.3 &9.26.4); CLADDI SECTION 9.27.); CAULKING (TO SUBSECTION 9.27.4.); INTERIOR FINISHING (TO SUBSECTION 9. FLOORING (TO SECTION 9.30.); STAIRS, RAMPS, HANDRAILS AND GUARDS (TO SECTION 9.8.); LIGH OUTLETS (TO SECTION 9.34.).

LOT AREA	317.65 m ²	3419.13 ft ²
TOTAL EXISTING FLOOR AREA	72.12 m ²	776.33 ft ²
PROPOSED SUNROOM AREA	17.46 m ²	188 ft ²
TOTAL EXISTING AND PROPOSED FLOOR AREA	89.58 m ²	964.33 ft ²
TOTAL LOT COVERAGE	~28.20 %	

AND THE ENCLOSED CALCULATIONS
 BMEC#03-08-287 AND THE ENCLOSED CALCULATIONS

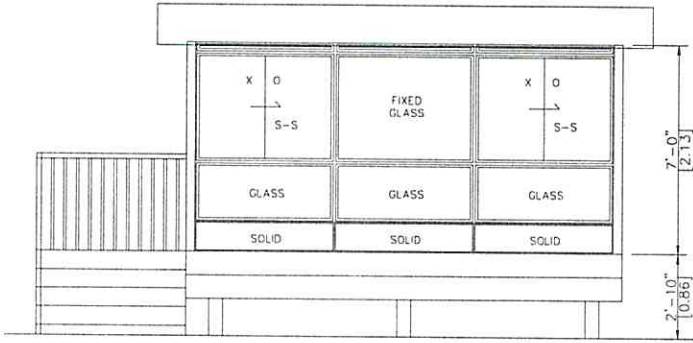
V = 6430 Lbs calculation	P4,P5	Compressive Load = 4.90 KN = 1102 Lbs Use helical post per structural calculation
V = 5515 Lbs calculation		



FOUNDATION PLAN

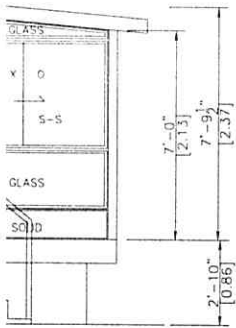
WALLS & ROOF PLAN

SCALE 1/4" = 1'-0"



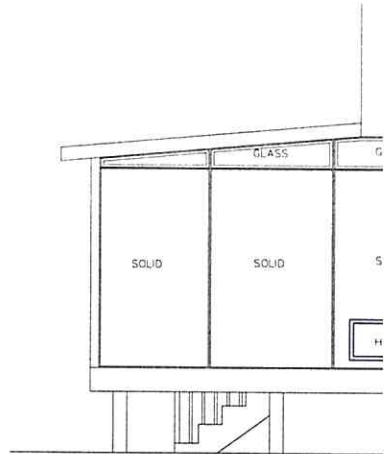
EAST ELEVATION

SCALE 1/4"=1'-0"



SECTION

0"

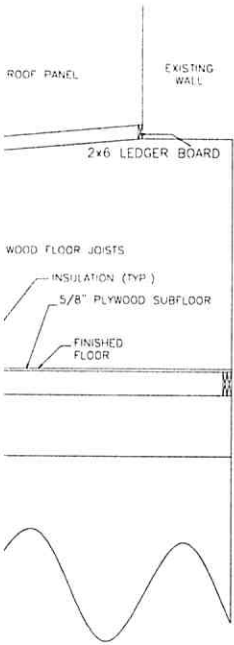


SOUTH ELEVATION

SCALE 1/4"=1'-0"

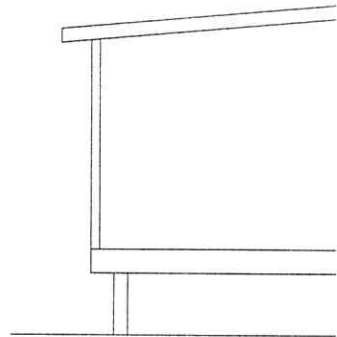
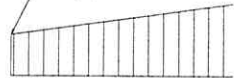
NOTE:

-HELICAL PILES MADE OF STEEL IN ACCORDANCE WITH ASTM A500 GRADE C AND CAN/CSA-G40.21-97 WITH A GALVANIZATION RATING OF AT LEAST 610 PER THE CSA-G164M-92 STANDARDS. ALL HELICAL PILES INSTALLED TO A DEPTH OF AT LEAST 48' BELOW GRADE LEVEL AND IN ACCORDANCE WITH THE AISC DESIGN SPECIFICATIONS.(REFER TO STRUCTURAL CALCULATION)
-ALL CONCRETE PIER DESIGNS BASED ON A DESIGN LOAD OF 1500 P.s.f. (REFER TO STRUCTURAL CALCULATION)



$$S(0) = 96.91 \text{ P}$$

$$S(1) = 48.45$$



SECTION
1/4" = 1'-0"

SNOW ACCUMULATION
REFER TO ATTACHED CALCULATION