

NY NJ SUNROOMS AND ADDITIONS

146 W HOBART GAP RD., LIVINGSTON, NJ 07039

MINIMUM DESIGN LOADS:

DEAD LOADS:

1. ROOF: 2 PSF
2. WALLS: 5 PSF
3. FLOOR: 5 PSF

LIVE LOADS:

1. ROOF: 55 PSF
2. WALLS: 120 MPH - 3 SEC. WIND GUST
3. FLOOR: 40 PSF

DEFLECTION LIMITS:

1. ROOF: L/180
2. WALLS: L/175
3. FLOOR: L/240

SUNROOM SPECIFICATIONS

- ROOM STYLE - GABLE
ROOM DIMENSIONS: 14' X 20'
COLOR - WHITE
HIGH PERFORMANCE MULTI COAT GLASS
SLIDING WINDOWS

DESIGN COMPLIANCE:

1. 2021 IRC NJ EDITION.
2. NJUCC REHAB SUBCODE 5:23
3. NEC 2017
4. INTERNATIONAL ENERGY CONSERVATION CODE 2018
5. CONSTRUCTION TYPE - 5B
6. USE GROUP - R-5
7. CATEGORY - II SUNROOM.
8. ASCE - 7-16

LOADS:

1. WIND SPEED - 120 MPH
2. SNOW LOAD - 40PSF

SHARADA TATAVARTHI

5 PORT MERCER RD., LAWRENCE, NJ 08648

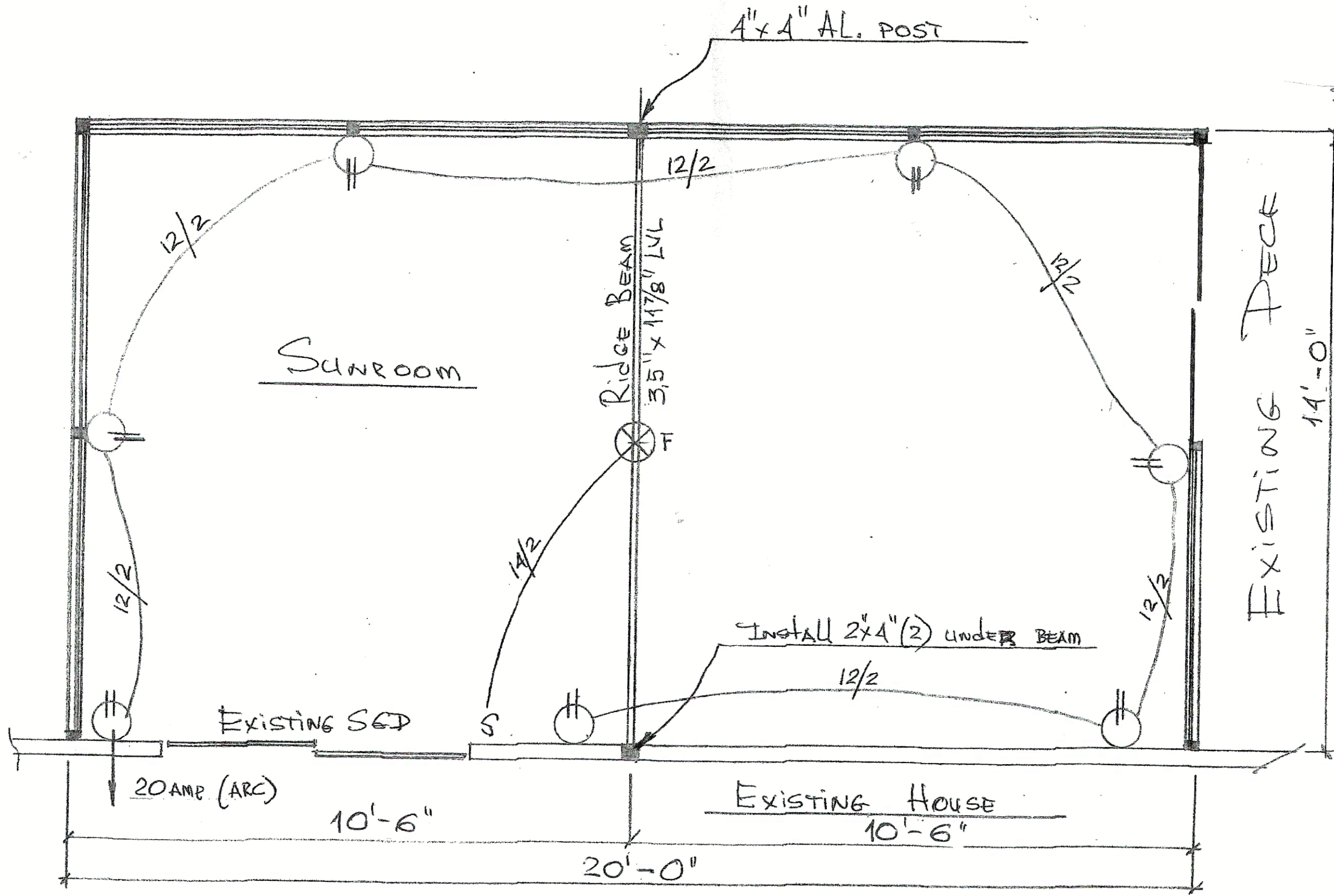
JAMES A CLANCY - CONSULTING ENGINEER

601 ASBURY AVE., NATIONAL PARK, NJ 08063

NY NJ SUNROOMS & ADDITIONS

146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

PROFESSIONAL ENGINEER NJ LIC # 33998



Scale: $\frac{1}{2}'' = 1'-0''$

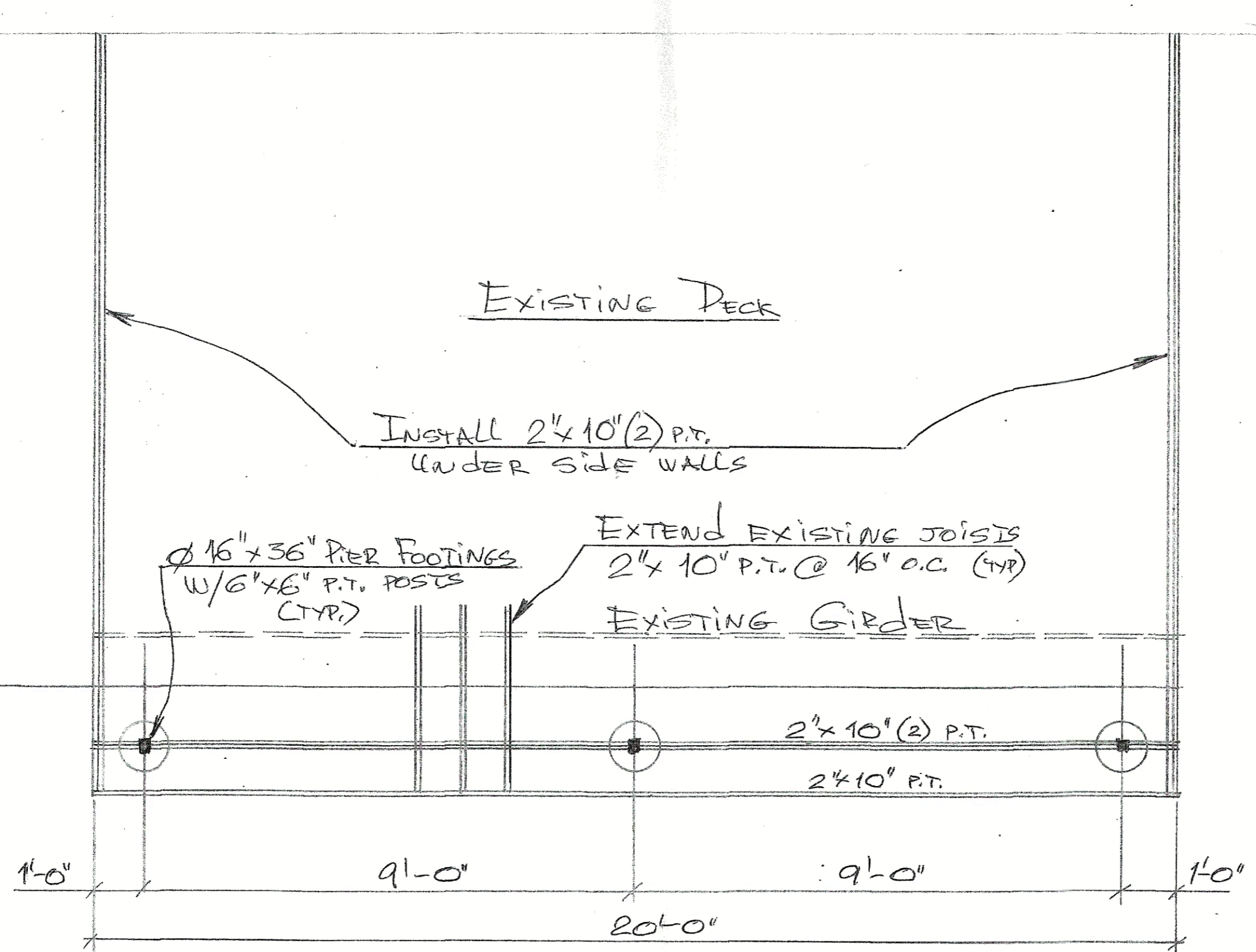
SHARADA TATAVARTHI
 5 PORT MERCER RD., LAWRENCE, NJ 08648

NY NJ SUNROOMS & ADDITIONS
 146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

JAMES A CLANCY - CONSULTING ENGINEER
 601 ASBURY AVE., NATIONAL PARK, NJ 08063

PROFESSIONAL ENGINEER NJ LIC # 33998

DECK



ALL CONNECTORS BY SIMPSON STRONG-TIE

SCALE: 1/2" = 1'-0"

SHARADA TATAVARTHI

5 PORT MERCER RD., LAWRENCE, NJ 08648

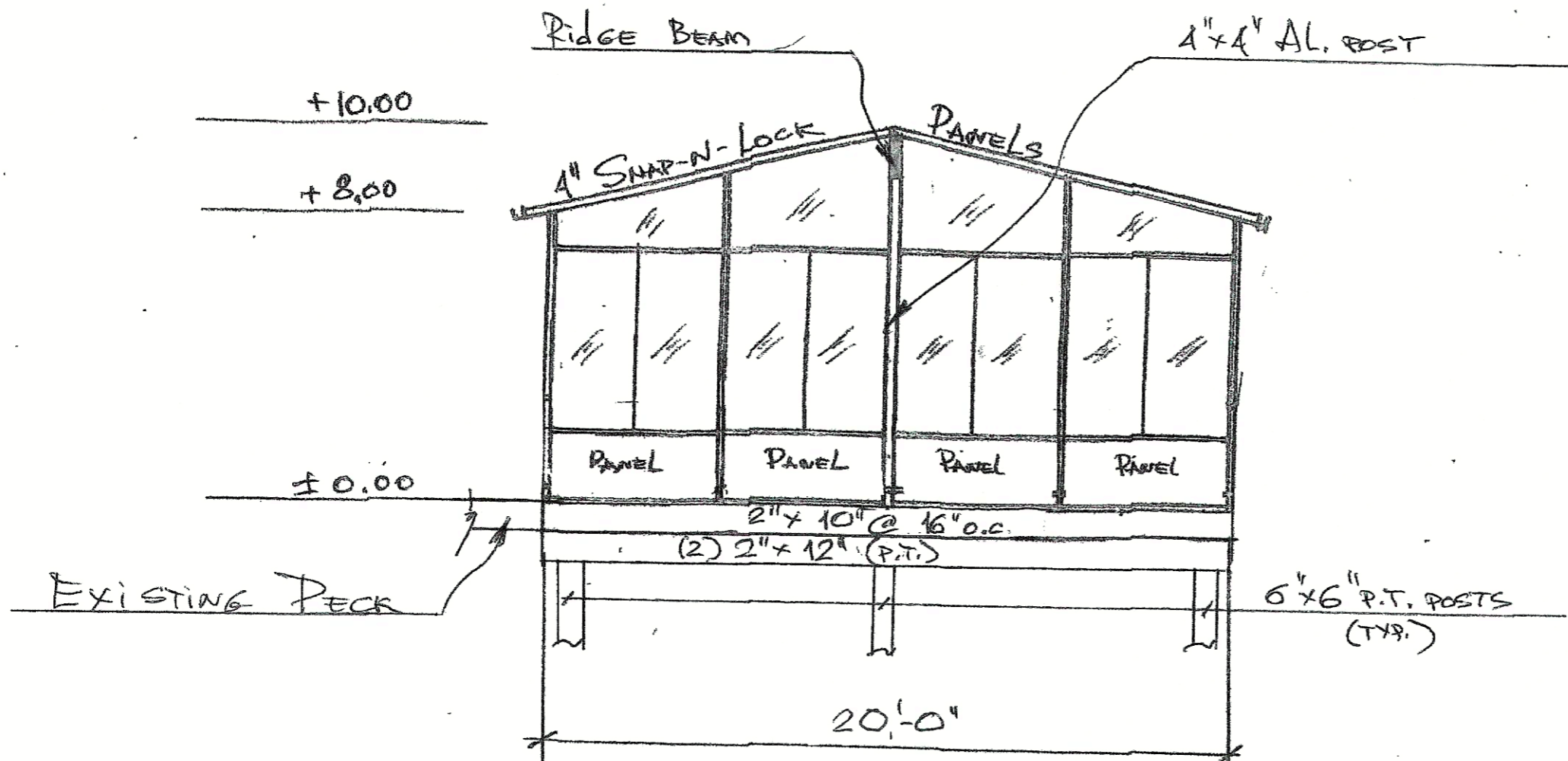
NY NJ SUNROOMS & ADDITIONS

146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

JAMES A CLANCY - CONSULTING ENGINEER

601 ASBURY AVE., NATIONAL PARK, NJ 08063

PROFESSIONAL ENGINEER NJ LIC # 33998



SCALE: 1/4" = 1'-0"

SHARADA TATAVARTHI

5 PORT MERCER RD., LAWRENCE, NJ 08648

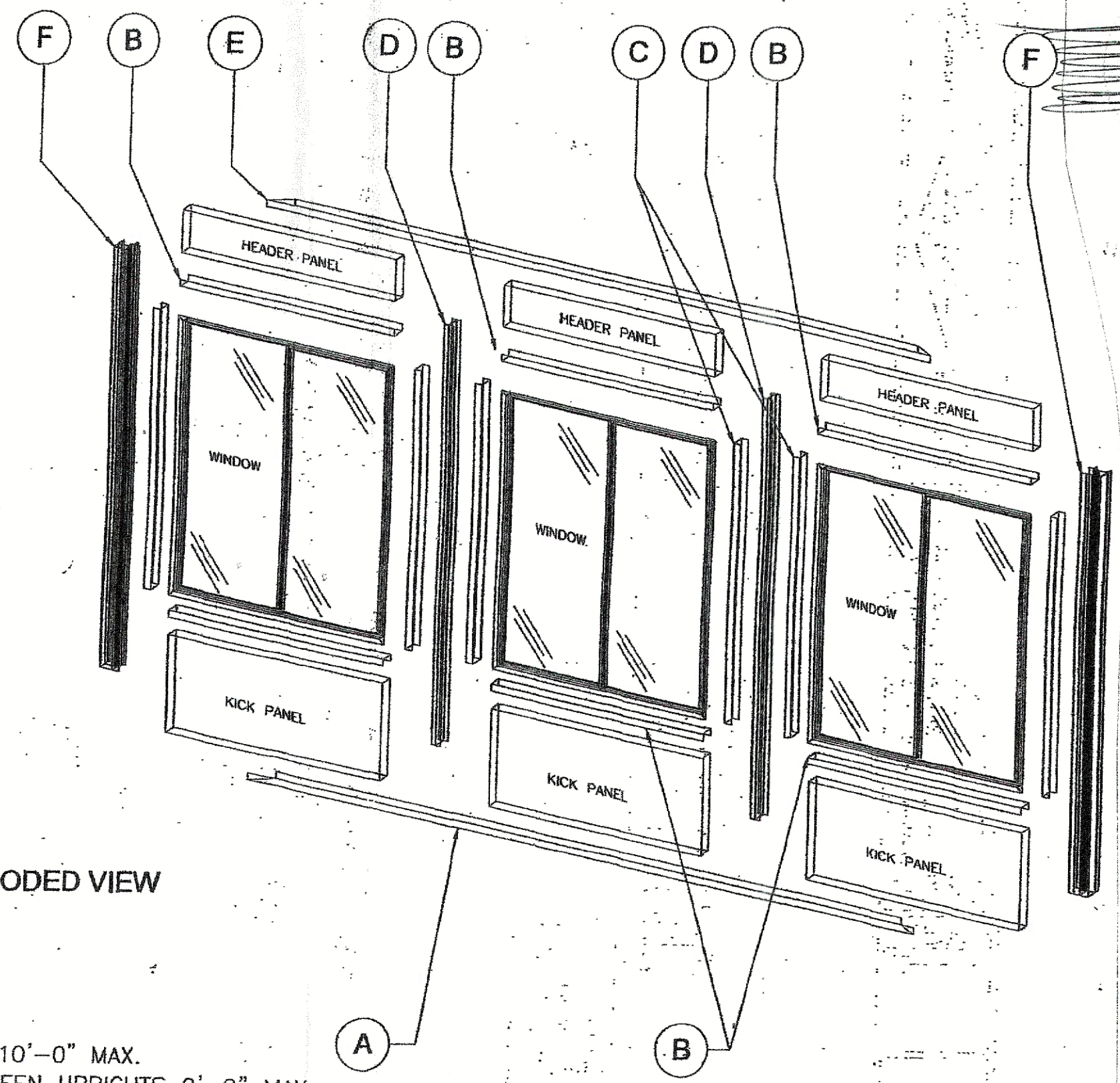
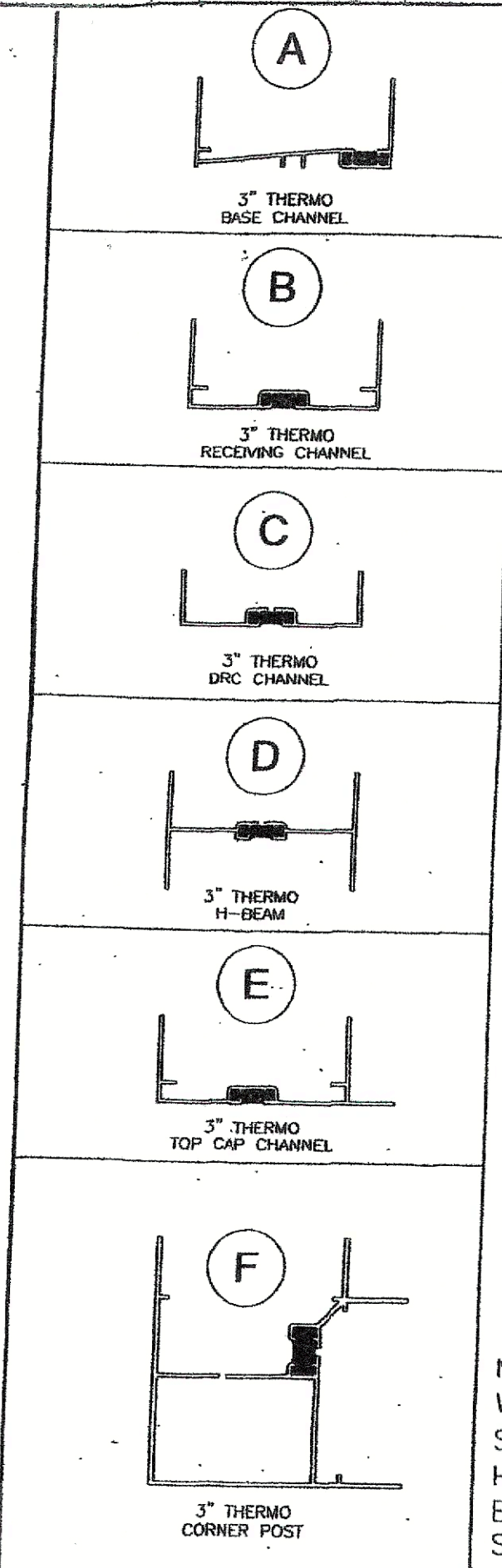
NY NJ SUNROOMS & ADDITIONS

146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

JAMES A CLANCY - CONSULTING ENGINEER

601 ASBURY AVE., NATIONAL PARK, NJ 08063

PROFESSIONAL ENGINEER NJ LIC # 33998



NOTE:
 WALL HEIGHT 10'-0" MAX.
 SPACING BETWEEN UPRIGHTS 9'-0" MAX.
 HEADER ABOVE DOOR AND/OR WINDOWS 6" MIN.
 EXTRUSIONS & PANELS FASTEN W/ #8 X 9/16" @ 8" O.C. BOTH SIDES.

SHARADA TATAVARTHI

5 PORT MERCER RD., LAWRENCE, NJ 08648

NY NJ SUNROOMS & ADDITIONS

146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

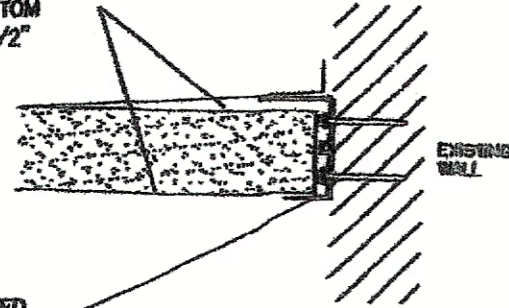
JAMES A CLANCY - CONSULTING ENGINEER

601 ASBURY AVE., NATIONAL PARK, NJ 08063

PROFESSIONAL ENGINEER NJ LIC # 33998

GABLE ATTACHMENT

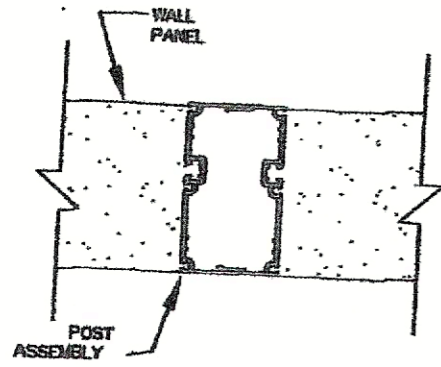
METAL PREFLASH AND CAULK TOP & BOTTOM MOUNT W/ #8 x 1/2" SCREWS @ 6" O.C.



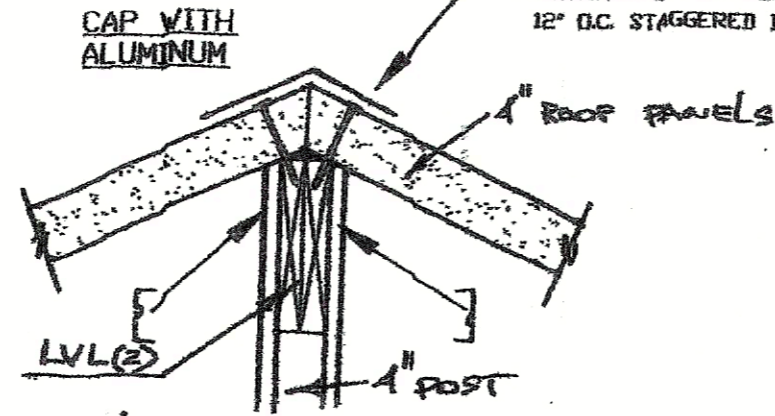
#12 HANGING RAIL MOUNTED W/ 1/4" x 3 1/2" SCREWS INTO EACH WALL STUD STAGGERED TOP & BOTTOM

ROOF CONNECTION

USE STAINLESS STEEL or TRIPLE DIPPED GALVANIZED FASTENERS INTO AOC LUMBER

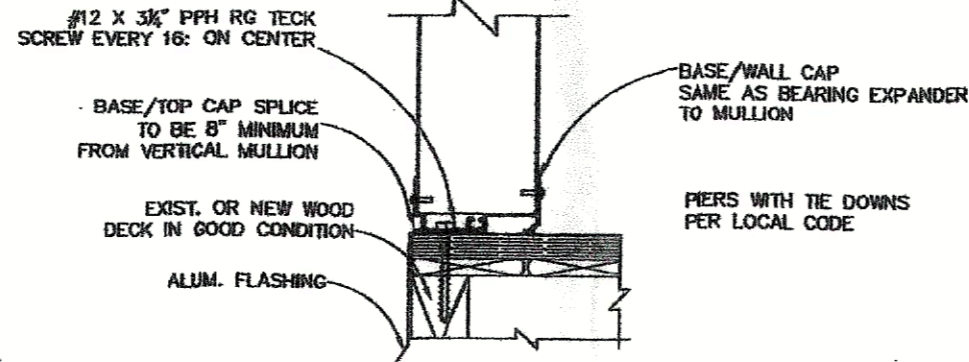


POST & BEAM

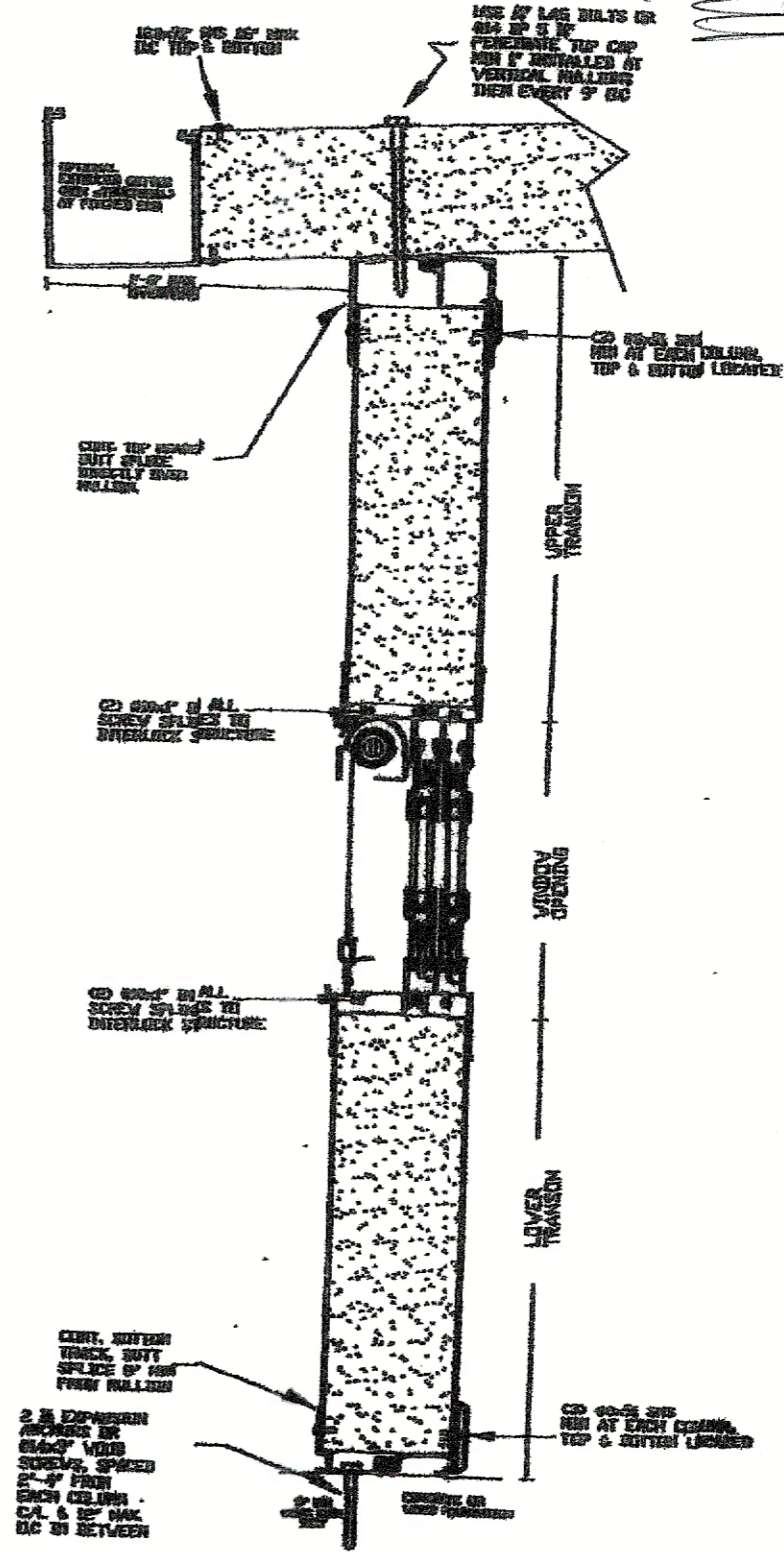


SIP TP-8000 8" STRUCTURAL FASTNER EVERY 12" O.C. STAGGERED INTO HEADER

SILL (WOOD DECK)



WALL CROSS SECTION



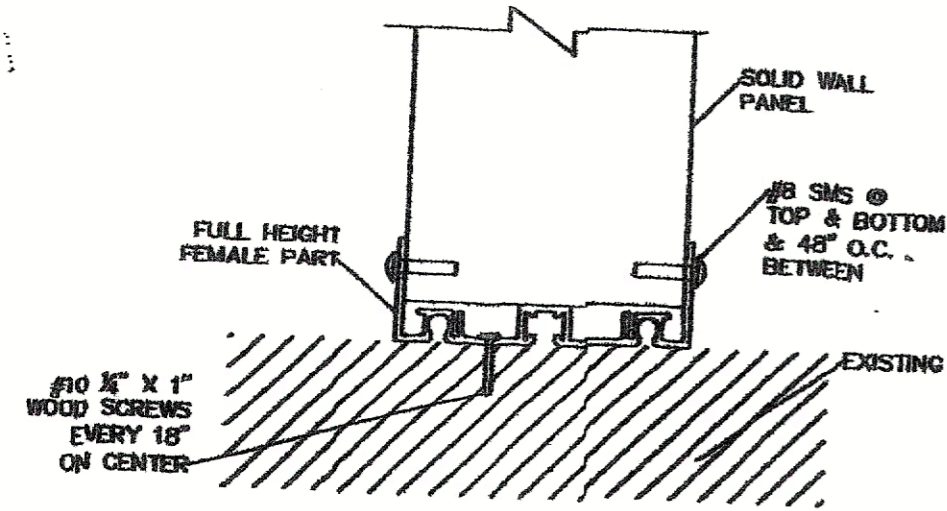
NY NJ SUNROOMS & ADDITIONS
146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

PROFESSIONAL ENGINEER NJ LIC # 33998

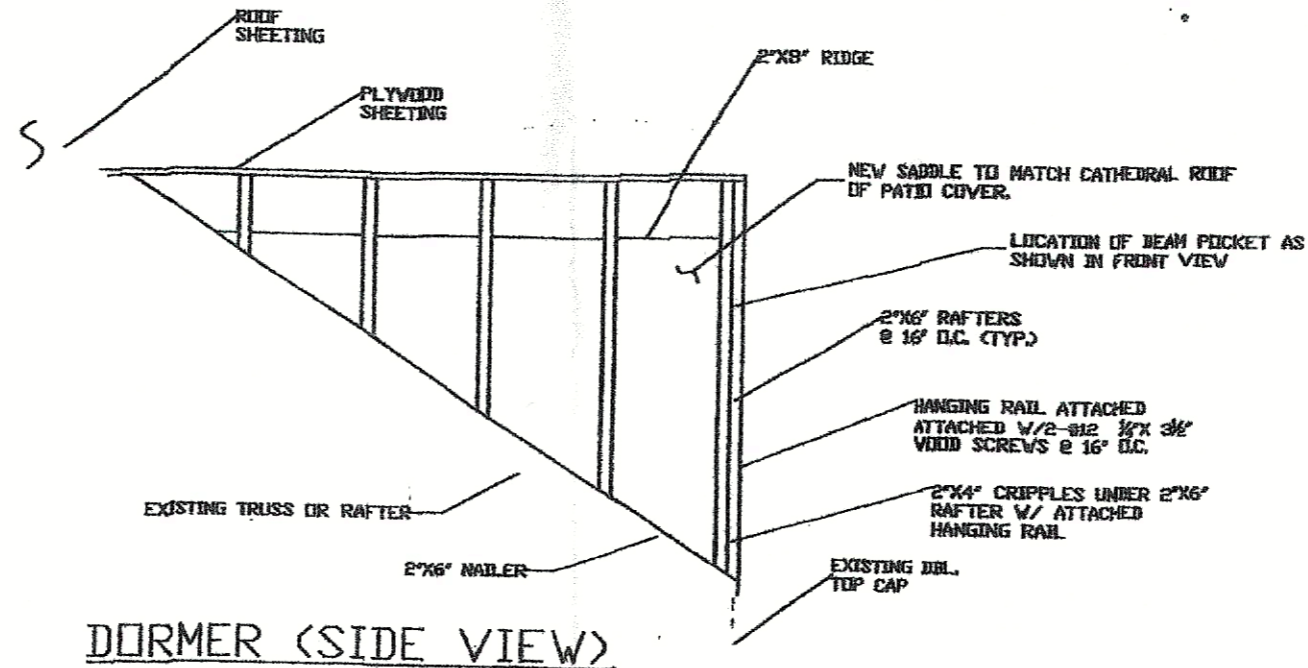
SHARADA TATAVARTHI
5 PORT MERCER RD., LAWRENCE, NJ 08648

JAMES A CLANCY - CONSULTING ENGINEER
601 ASBURY AVE., NATIONAL PARK, NJ 08063

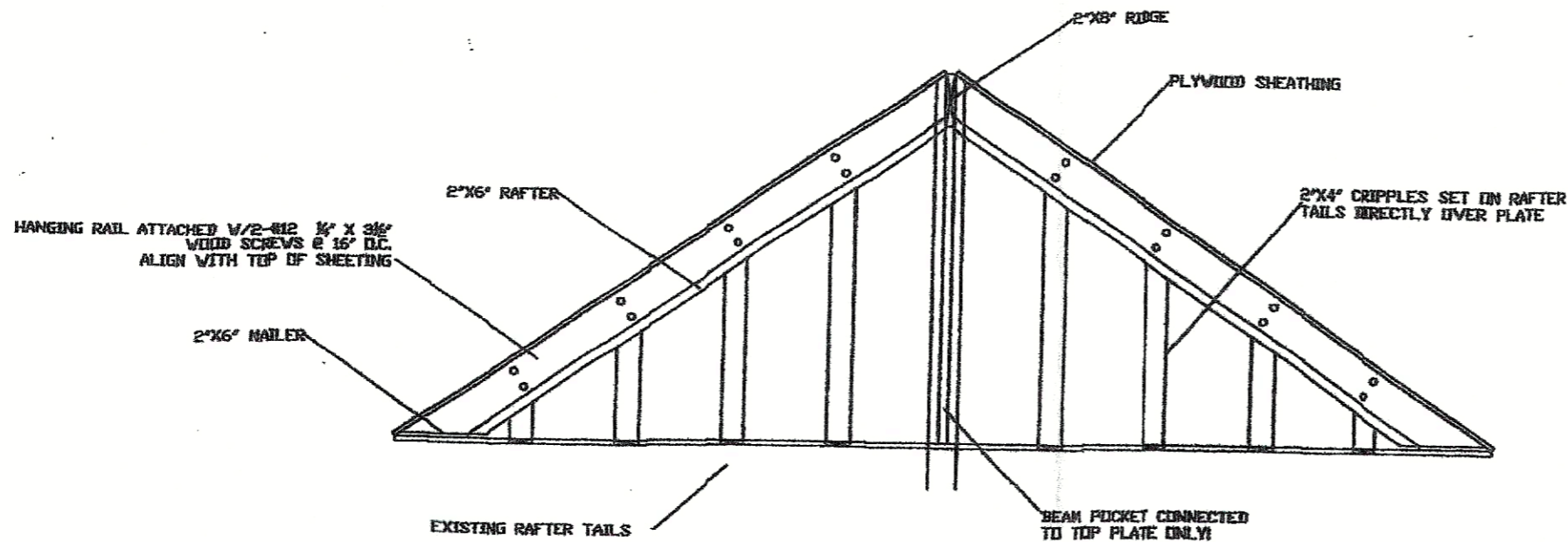
CONNECTION TO HOUSE



DORMER DETAILS



DORMER (SIDE VIEW)



DORMER (FRONT VIEW)

NOTES:

- 1) USE GALVANIZED 16 PENNY NAILS IN ALL LOCATIONS
- 2) NAIL 2\"/>

NY NJ SUNROOMS & ADDITIONS
 146 W. HOBART GAP RD., LIVINGSTON, NJ 07039

SHARADA TATAVARTHI
 5 PORT MERCER RD., LAWRENCE, NJ 08648

JAMES A CLANCY - CONSULTING ENGINEER
 601 ASBURY AVE., NATIONAL PARK, NJ 08063

PROFESSIONAL ENGINEER NJ LIC # 33998