

*PERMIT*

City of Napoleon  
255 W. Riverview  
Napoleon, OH 43545

Division of Building and Zoning  
PH (419) 592-4010  
FAX (419) 599-8393

Permit No: 002290

Date Issued: 07-21-04

Issued by: BND

Job Location: 1125 HURST DR

Est. Cost: 26774.00

Lot #:

Subdivision Name:

Owner: BADENHOP, PEGGY  
Address: 1125 HURST DR  
CSZ: NAPOLEON, OH 43545  
Phone: 419-592-7088

Agent: AFFORDABLE CONSTRUCT  
Address: 4349 TALMADGE RD  
CSZ: TOLEDO OH, 43623  
Phone: 419-470-1100

Use Type – Residential:

Other:

**ZONING INFORMATION**

Dist:	Lot Dim:	Area:	Fyrd:	Syrd:	Ryrd:
Max HT:	# Pkg Spaces:			# Loading SP:	Max Lot Cov:

**BOARD OF ZONING APPEALS:**

Work Type – New:	Replmnt:	Addn'n:	Alter:	Remodel:
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**WORK INFORMATION**

Size - Lgth:	Width:	Stories:	Living Area SF:
Garage Area SF:	Height:	Bldg Vol Demo Permit:	

**WORK DESCRIPTION**

SUNROOM 14X16 REAR

<b>FEE DESCRIPTION</b>	<b>PAID DATE</b>	<b>FEE AMOUNT DUE</b>
BUILDING PERMIT		91.00

Total Fees Due 91.00

Date

Applicant Signature

### PERMIT

City of Napoleon  
55 W. Riverview  
Napoleon, OH 43545

Division of Building and Zoning  
PH (419) 592-4010  
FAX (419) 599-8393

Permit No: 002290

Date Issued: 07-21-04

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Job Location: 1125 HURST DR

Est. Cost: 26774.00

Lot #:

Subdivision Name:

Owner: BADENHOP, PEGGY  
Address: 1125 HURST DR  
CSZ: NAPOLEON, OH 43545  
Phone: 419-592-7088

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Address: 4349 TALMADGE RD  
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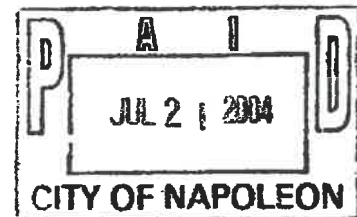
### WORK DESCRIPTION

UNROOM 14X16 REAR

FEE DESCRIPTION  
BUILDING PERMIT

PAID DATE

FEE AMOUNT DUE  
91.00



Total Fees Due 91.00

7-21-04

Date

*John Davis*

Applicant Signature

**CITY OF NAPOLEON GENERAL PERMIT APPLICATION**  
 THIS APPLICATION IS FOR RESIDENTIAL CONSTRUCTION INCLUDING BUILDING, ELECTRICAL,  
 PLUMBING, MECHANICAL, DEMILITIONS, REMODELING

Date 7-21-04 Job Location 1125 Hurst Dr

Owner Peggy Badenhop Phone 419-592-7088

Owner Address 1125 Hurst Dr City Napoleon Zip \_\_\_\_\_

Contractor Affordable Construction Co Phone 419-470-1100

Description of work to be preformed Build + install a New Sunroom  
16'x14' on Rear side of house

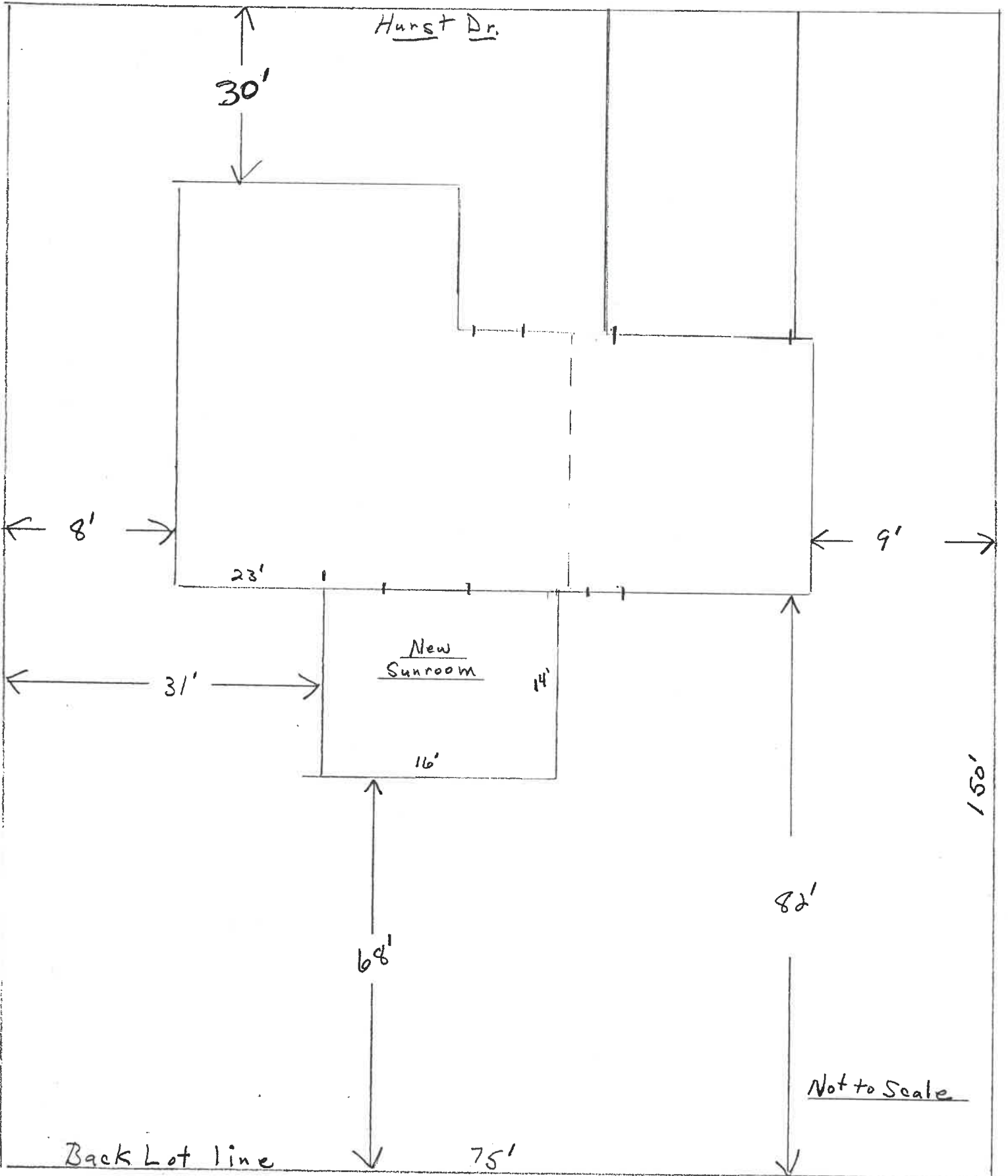
Estimated cost of work to be preformed 26,774.00

Please indicate the type of work you will be performing by

- |  |  |
|--|--|
| <input type="checkbox"/> A/C Add On                        | <input type="checkbox"/> Remodeling    |
| <input type="checkbox"/> Boiler Replacement                | <input type="checkbox"/> Roofing       |
| <input type="checkbox"/> Curbing                           | <input type="checkbox"/> Sewer Repairs |
| <input type="checkbox"/> Decks                             | <input type="checkbox"/> Sidewalk      |
| <input type="checkbox"/> Driveway                          | <input type="checkbox"/> Siding        |
| <input type="checkbox"/> Electrical Service Upgrade        | <input type="checkbox"/> Sign          |
| <input type="checkbox"/> Electrical Service New            | <input type="checkbox"/> Storage Shed  |
| <input type="checkbox"/> Fence                             | <input type="checkbox"/> Street Bond   |
| <input checked="" type="checkbox"/> Foundation Pier System | <input type="checkbox"/> Swimming Pool |
| <input type="checkbox"/> Furnace Replacement               | <input type="checkbox"/> Temp Electric |
| <input type="checkbox"/> Furnace New                       | <input type="checkbox"/> Water Tap     |
| <input type="checkbox"/> Lawn Meter                        | <input type="checkbox"/> Windows       |
| <input type="checkbox"/> Plumbing                          | <input type="checkbox"/> Zoning        |
| <input type="checkbox"/> Others                            |  |

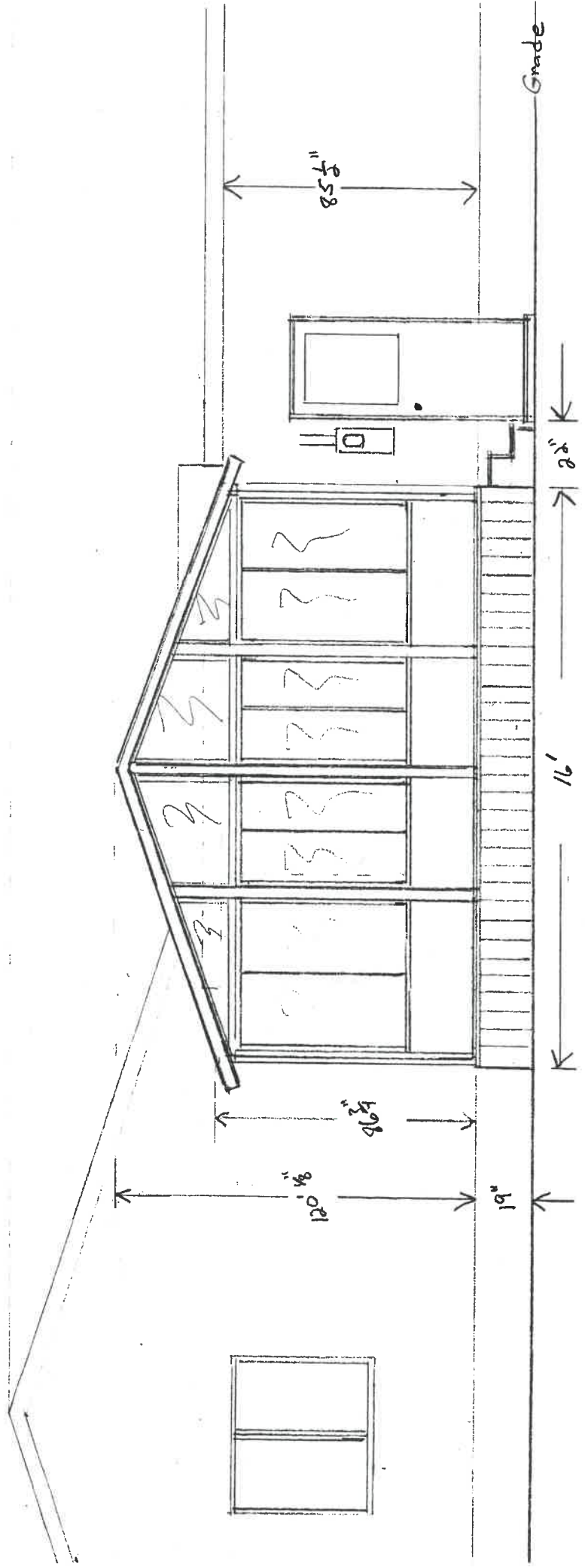
1 Permit Number

Peggy Badenhop  
1125 Hurst Dr.  
Napoleon OH.  
419-592-7088



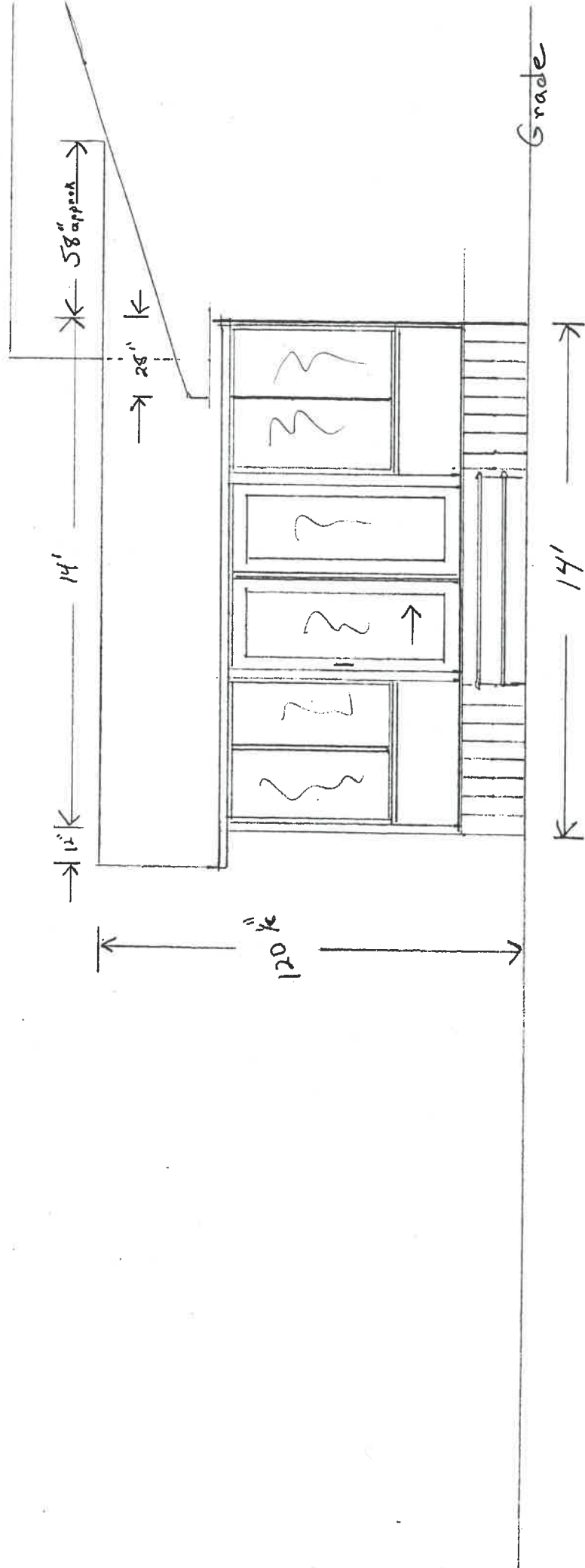
Peggy Badenhop  
1125 Hurst Dr.  
Napoleon OH. Henry Co.  
419-592-7088

Affordable Construction Co.  
240 W. Alexis Rd. Unit-F  
Toledo OH. 43612  
419-470-1100



Peggy Badenhop  
1125 Hurst Dr.  
Napoleon OH, Henry Co.  
419-592-7088

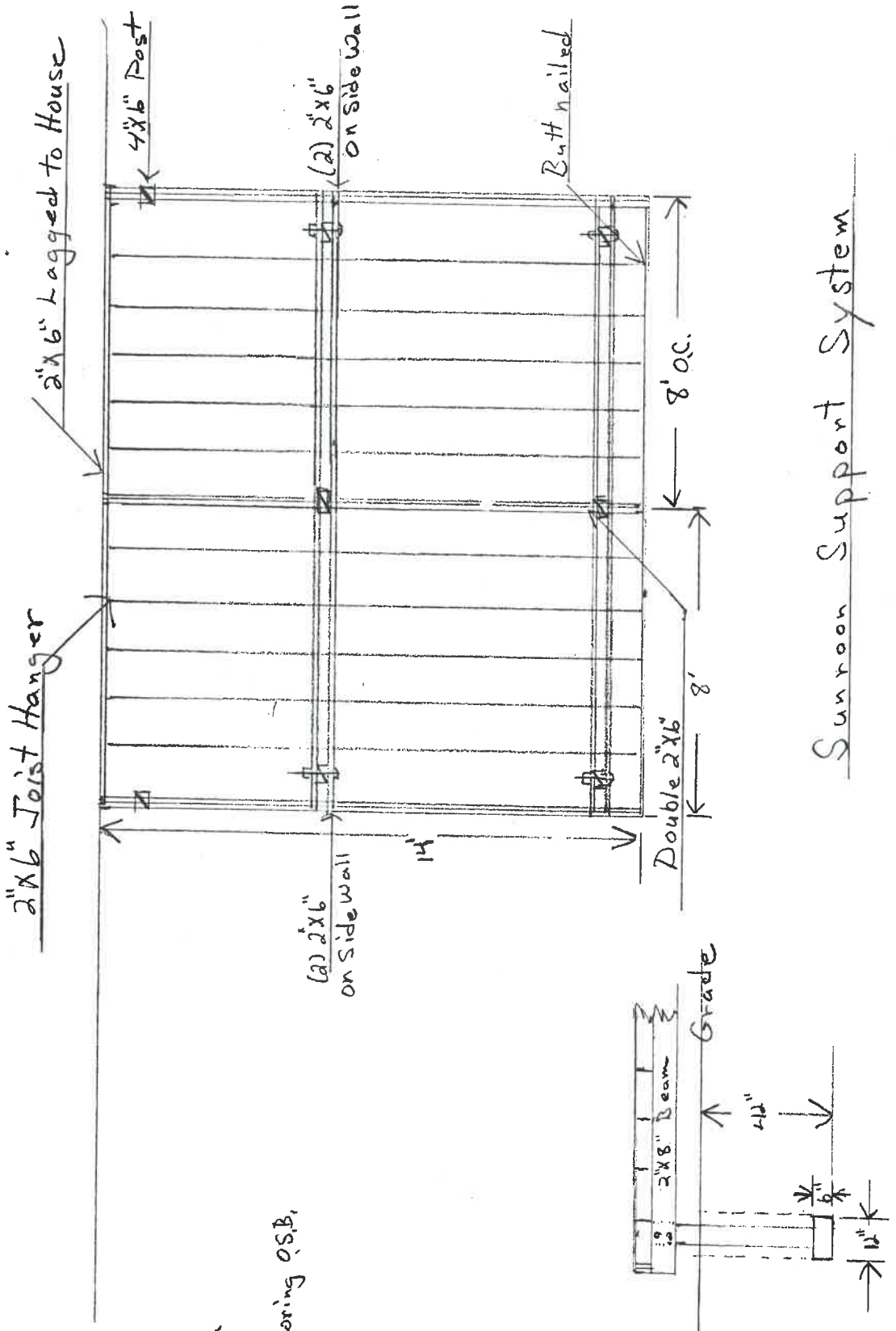
Affordable Construction Co.  
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419-470-1100



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 Napoleon OH, Henry Co.  
 419-592-7088

Affordable Construction Co,  
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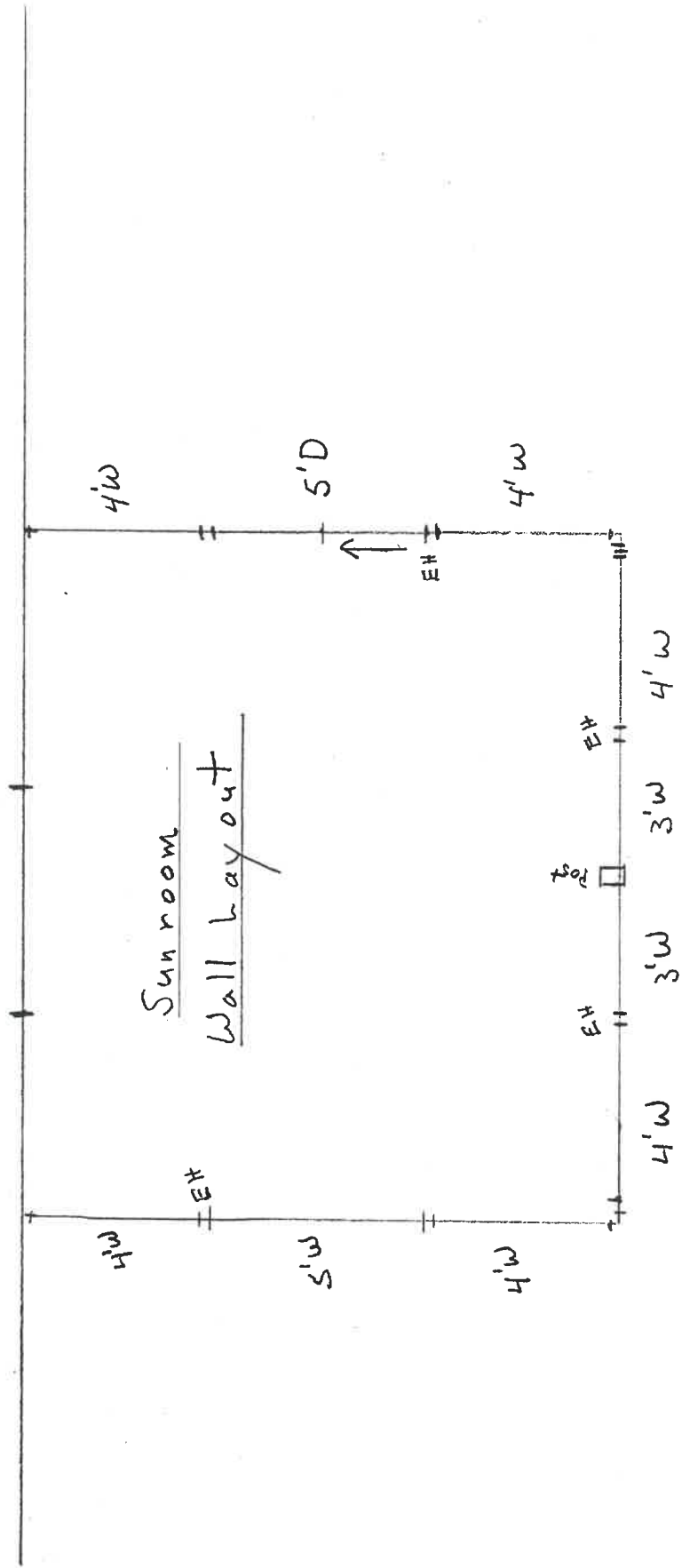
Double 2x8" Beam  
 Bolted to Post  
 All lumber treated  
 Except 3/4" T&G Flooring OSB,  
 All Post 4x6"  
 Joist 2x6"  
 Floor Insulated  
 5/4 Skirting



Sunroom Support System

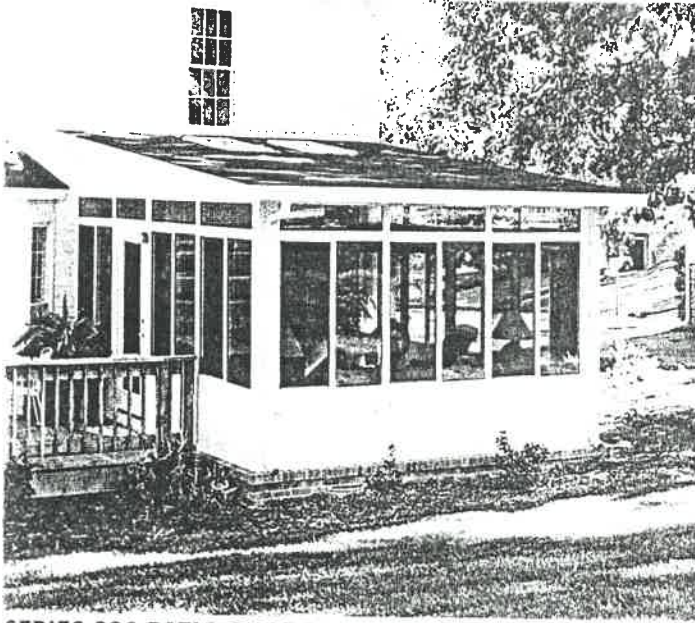
Peggy Badenhop  
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Napoleon OH  
419-592-7088

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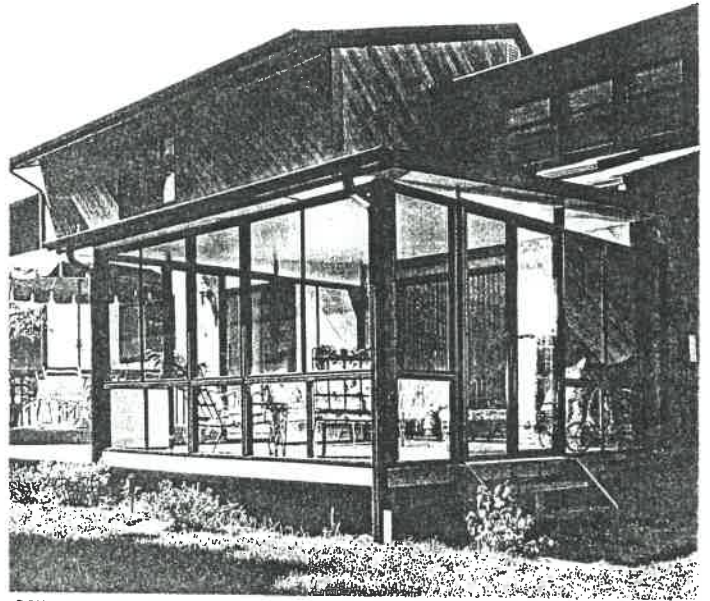




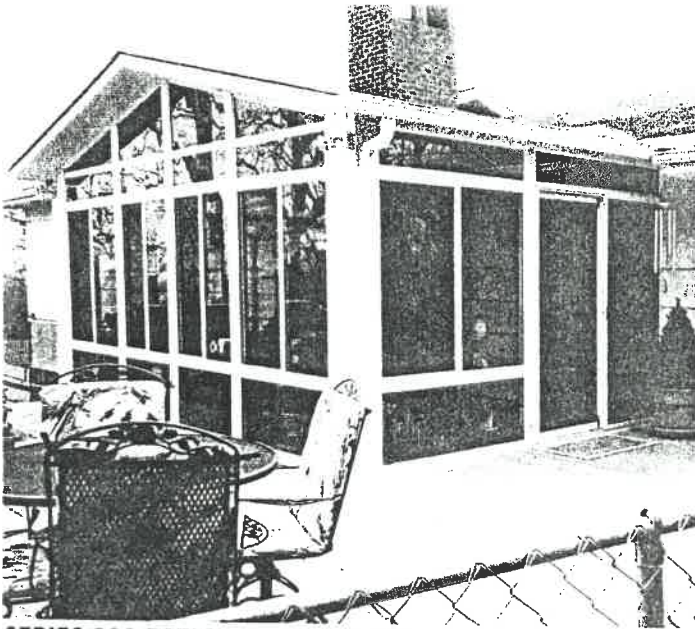




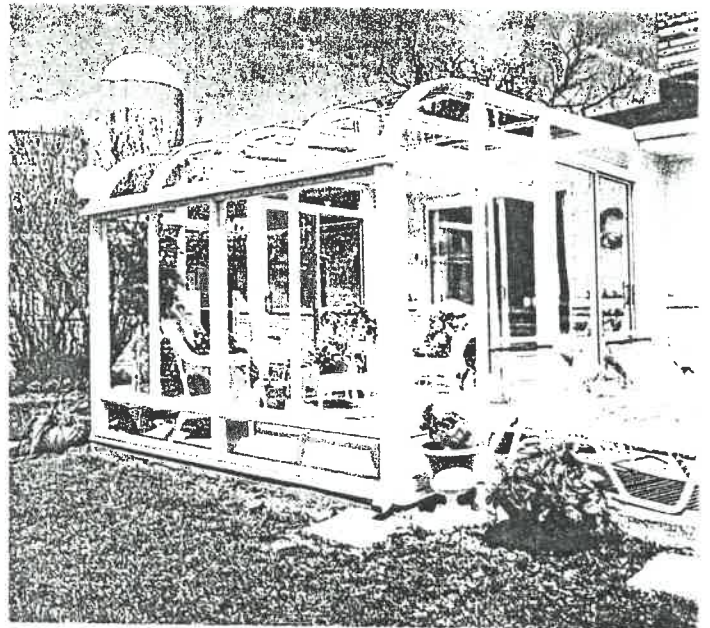
**SERIES 230 PATIO SHADE ROOMS** (Shingled Roof Optional)



**SERIES 230 CONVERTIBLE SCREEN ROOMS**



**SERIES 230 PATIO GREAT ROOMS**



**SERIES 330 PATIO SUNROOMS & SUN N' SHADE ROOMS**



SUNROOMS • CONSERVATORIES • PATIO ROOMS  
GLASS AND SCREEN ENCLOSURES • SKYLIGHTS

55.00

© 2001 Four Seasons Sunrooms, Inc.™

PH 210 6151

**Affordable Outdoor Living Space from FOUR SEASONS**

Volume VII Date Effective: April 1, 2001. Prices and Specifications Subject to Change without Notice.



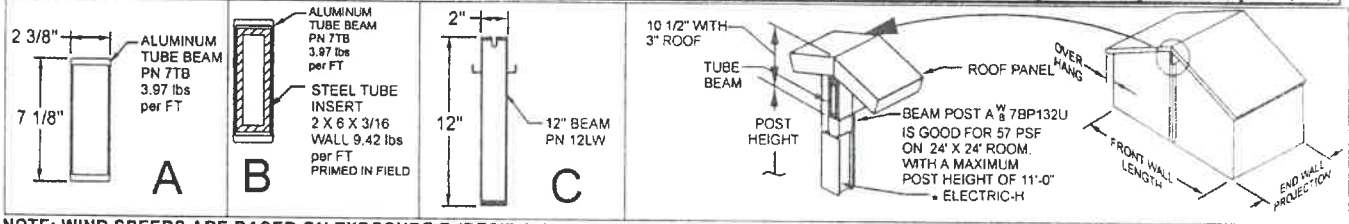


5005 VETERANS MEMORIAL HWY.  
HOLBROOK N.Y. 11741

**ENGINEERING & STRUCTURAL LOADING INFORMATION  
FOR SERIES 230 GREAT ROOMS  
ROOF PANEL: 4-1/4" O.S.B./ALUM. WITH H-BEAMS  
1 LB. EPS FOAM PANELS**

EFFECTIVE DATE 1-01

MAXIMUM FRONT WALL LENGTH	MAXIMUM LIVE LOAD GOVERNED BY	MAXIMUM END WALL PROJECTION - ALLOWABLE LOADING CHART									
		ROOF LOAD IN PSF ( WIND LOAD EXPOSURE B (RESIDENTIAL) IN MPH)									
		10 FT	11 FT	12 FT	13 FT	14 FT	16 FT	18 FT	20 FT	22 FT	24 FT
12 FT	A) 7" ALUMINUM BEAM	110 (155)	80 (145)	60 (145)	50 (145)	40 (125)	25 (110)	18 (95)	13 (85)	10 (80)	8 (85)
	B) 7" ALUMINUM & STEEL	175 (155)	145 (155)	120 (145)	100 (145)	80 (145)	55 (145)	35 (140)	25 (130)	20 (115)	15 (110)
	C) 12" ALUMINUM BEAM	280 (155)	230 (155)	190 (145)	160 (145)	140 (160)	95 (155)	65 (145)	45 (140)	35 (130)	28 (125)
14 FT	A) 7" ALUMINUM BEAM	100 (140)	70 (140)	55 (140)	45 (140)	35 (125)	23 (110)	16 (95)	12 (80)	9 (80)	7 (85)
	B) 7" ALUMINUM & STEEL	150 (140)	125 (140)	100 (140)	85 (140)	70 (140)	45 (140)	30 (140)	23 (130)	18 (115)	13 (110)
	C) 12" ALUMINUM BEAM	211 (140)	205 (140)	170 (140)	145 (140)	120 (140)	80 (140)	55 (140)	40 (140)	30 (130)	24 (125)
16 FT	A) 7" ALUMINUM BEAM	90 (130)	65 (130)	50 (130)	40 (130)	30 (125)	20 (110)	14 (95)	10 (80)	8 (70)	6 (65)
	B) 7" ALUMINUM & STEEL	135 (130)	110 (130)	90 (130)	75 (130)	65 (130)	40 (130)	28 (130)	20 (125)	15 (110)	12 (100)
	C) 12" ALUMINUM BEAM	157 (130)	157 (130)	150 (130)	125 (130)	105 (130)	70 (130)	50 (130)	37 (130)	28 (130)	21 (125)
18 FT	A) 7" ALUMINUM BEAM	80 (125)	60 (125)	45 (125)	35 (125)	26 (115)	18 (100)	13 (85)	9 (80)	7 (70)	6 (85)
	B) 7" ALUMINUM & STEEL	122 (125)	105 (125)	85 (125)	70 (125)	60 (125)	38 (125)	26 (125)	18 (115)	14 (100)	11 (95)
	C) 12" ALUMINUM BEAM	122 (125)	122 (125)	122 (125)	115 (125)	95 (125)	65 (125)	45 (125)	33 (125)	25 (125)	20 (125)
20 FT	A) 7" ALUMINUM BEAM	70 (110)	55 (110)	43 (110)	33 (110)	25 (110)	17 (100)	12 (85)	9 (80)	6 (70)	5 (65)
	B) 7" ALUMINUM & STEEL	97 (110)	97 (110)	80 (110)	65 (110)	55 (110)	35 (110)	25 (110)	17 (110)	13 (100)	10 (95)
	C) 12" ALUMINUM BEAM	97 (110)	97 (110)	97 (110)	97 (110)	90 (110)	60 (110)	42 (110)	30 (110)	22 (110)	17 (110)
22 FT	A) 7" ALUMINUM BEAM	65 (100)	50 (100)	40 (100)	31 (100)	24 (100)	16 (95)	11 (85)	8 (80)	6 (70)	5 (65)
	B) 7" ALUMINUM & STEEL	80 (100)	80 (100)	75 (100)	60 (100)	50 (100)	33 (100)	22 (100)	16 (100)	12 (95)	9 (85)
	C) 12" ALUMINUM BEAM	80 (100)	80 (100)	80 (100)	80 (100)	80 (100)	50 (100)	40 (100)	28 (100)	21 (100)	16 (100)
24 FT	A) 7" ALUMINUM BEAM	60 (95)	48 (95)	37 (95)	29 (95)	23 (95)	15 (95)	10 (85)	7 (80)	5 (70)	4 (65)
	B) 7" ALUMINUM & STEEL	66 (95)	66 (95)	66 (95)	55 (95)	45 (95)	30 (95)	20 (95)	15 (95)	10 (85)	8 (85)
	C) 12" ALUMINUM BEAM	66 (95)	66 (95)	66 (95)	66 (95)	66 (95)	45 (95)	35 (95)	25 (95)	20 (95)	15 (95)



NOTE: WIND SPEEDS ARE BASED ON EXPOSURE B (RESIDENTIAL) BASIC VELOCITY PRESSURES. FOR EXPOSURE D (OCEAN), SEE NOTE ABOVE LEFT.

NOTES:

- 1) RIDGE BEAMS TO BE 7TB, 7TB WITH STEEL OR 12LW
- 2) ALUMINUM ALLOY IS 6005-T5
- 3) DEAD LOAD OF ROOF SYSTEM IS 2.37 PSF
- 4) WIND SPEEDS ARE BASED ON EXPOSURE B VELOCITY PRESSURES
- 5) THIS SUMMARY PERTAINS TO THE STRUCTURAL INTEGRITY OF OUR UNIT UP TO THE CONNECTIONS TO THE EXISTING STRUCTURE AND/OR ANY NEW CONSTRUCTION. THE CONNECTIONS TO THE EXISTING AND/OR ANY NEW CONSTRUCTION MUST BE ANALYZED ACCORDING TO CONDITIONS SPECIFIC TO EACH JOB, BY OTHERS
- 6) ENGINEERS CERTIFICATION: I LAWRENCE FISCHER CERTIFY THAT THESE ENGINEERING SPECIFICATIONS HAVE BEEN PREPARED UNDER MY DIRECT SUPERVISION AND THAT I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATES SHOWN

FILE: ROFENG35.CDR

# FOUR SEASONS SUNROOMS

CHART 2 ROOF THICKNESS (NET)

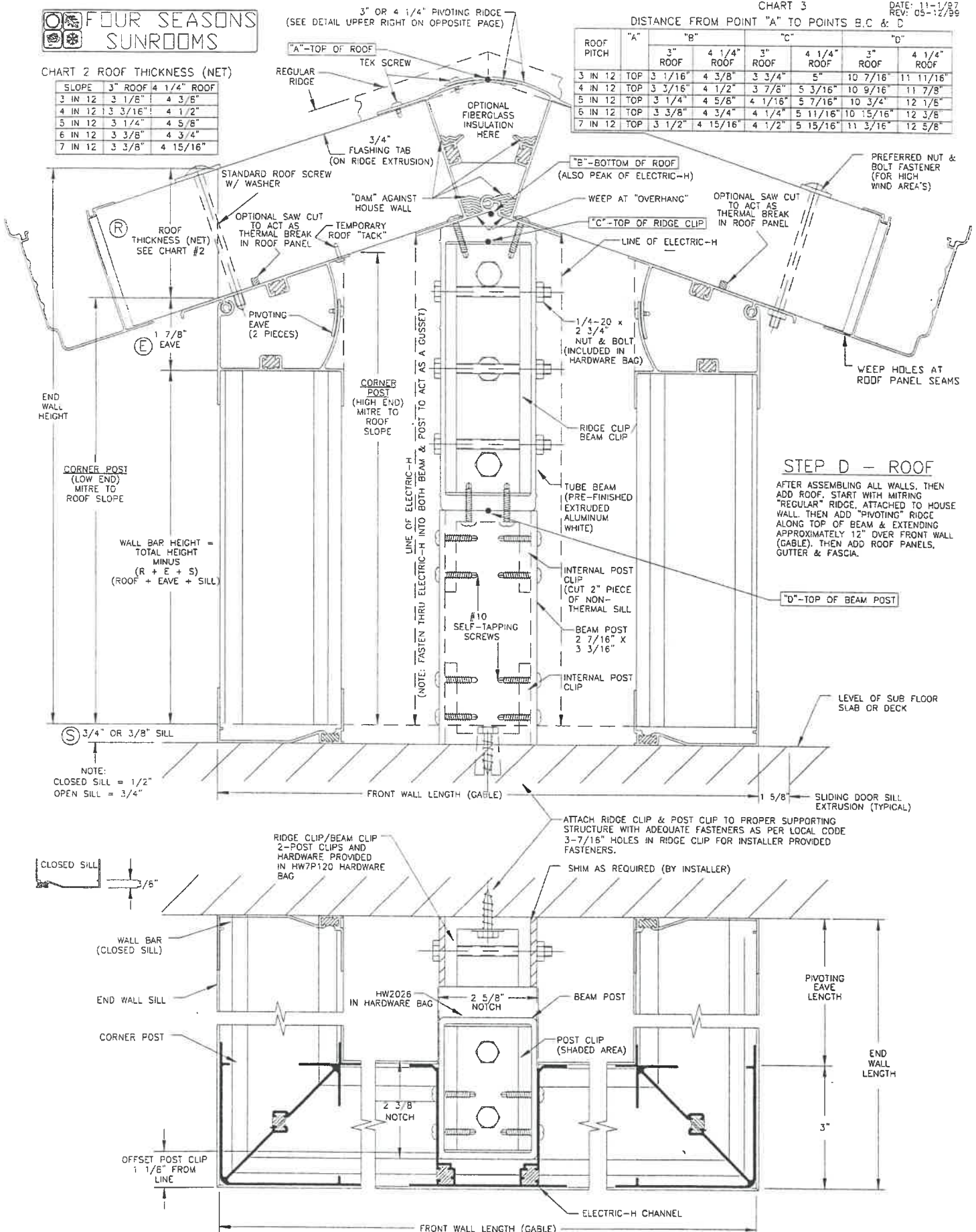
SLOPE	3" ROOF	4 1/4" ROOF
3 IN 12	3 1/8"	4 3/8"
4 IN 12	3 3/16"	4 1/2"
5 IN 12	3 1/4"	4 5/8"
6 IN 12	3 3/8"	4 3/4"
7 IN 12	3 3/8"	4 15/16"

CHART 3

DATE: 11-1/87  
REV: 05-12/89

DISTANCE FROM POINT "A" TO POINTS B,C & D

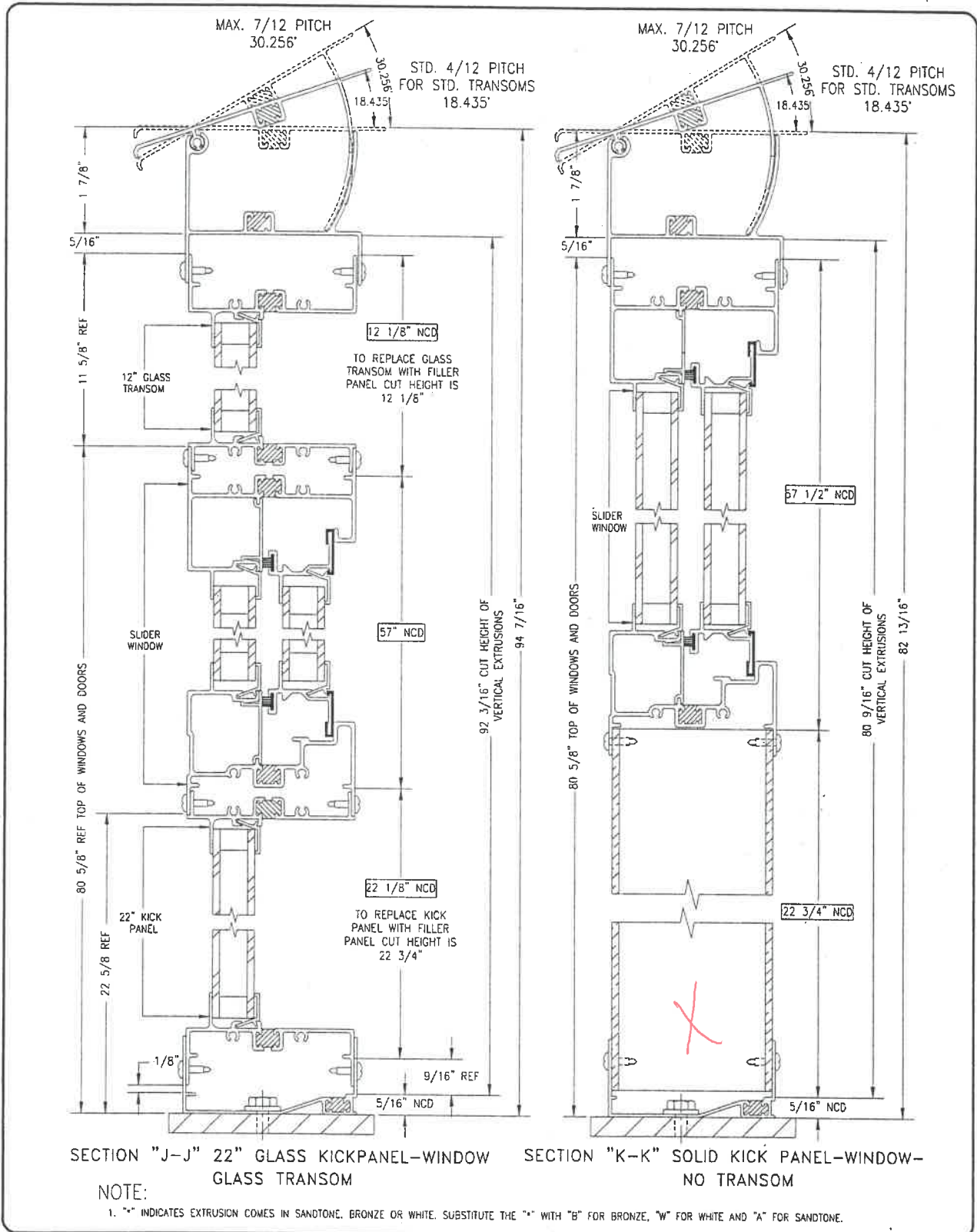
ROOF PITCH	"A"	"B"		"C"		"D"	
		3" ROOF	4 1/4" ROOF	3" ROOF	4 1/4" ROOF	3" ROOF	4 1/4" ROOF
3 IN 12	TOP	3 1/16"	4 3/8"	3 3/4"	5"	10 7/16"	11 11/16"
4 IN 12	TOP	3 3/16"	4 1/2"	3 7/8"	5 3/16"	10 9/16"	11 7/8"
5 IN 12	TOP	3 1/4"	4 5/8"	4 1/16"	5 7/16"	10 3/4"	12 1/8"
6 IN 12	TOP	3 3/8"	4 3/4"	4 1/4"	5 11/16"	10 15/16"	12 3/8"
7 IN 12	TOP	3 1/2"	4 15/16"	4 1/2"	5 15/16"	11 3/16"	12 5/8"



**STEP D - ROOF**  
AFTER ASSEMBLING ALL WALLS, THEN ADD ROOF. START WITH MITRING "REGULAR" RIDGE, ATTACHED TO HOUSE WALL. THEN ADD "PIVOTING" RIDGE ALONG TOP OF BEAM & EXTENDING APPROXIMATELY 12" OVER FRONT WALL (GABLE). THEN ADD ROOF PANELS, GUTTER & FASCIA.

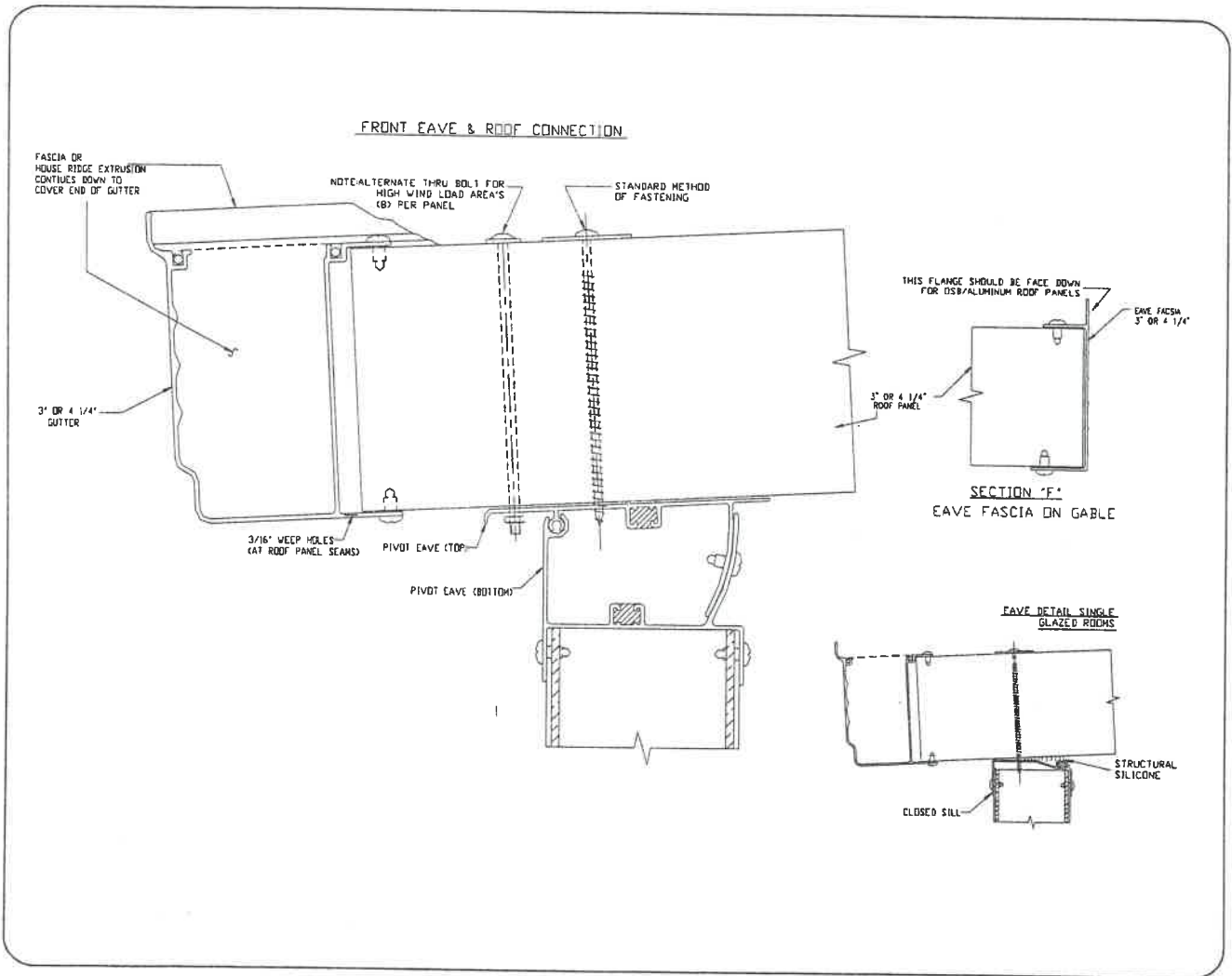
FILE: STEP DWG.





**STEP 4: THE ROOF INSTALLATION (Cont'd)**

- The gutter is manufactured with a spline groove along the top of its front and rear edges. As an option, you can install standard fiberglass screen to keep debris out. Screen and spline can be purchased through Fours Seasons.



- Should skylights be required, see [Pages 41 thru 43](#) for installation instructions.

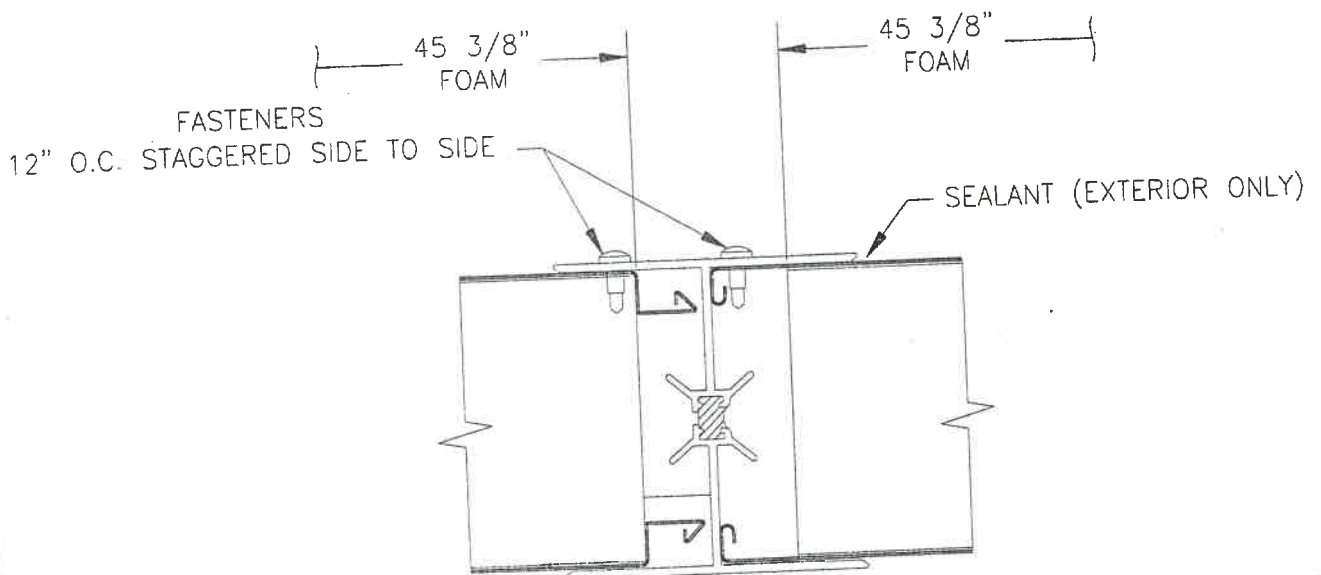
**STEP 4: THE ROOF INSTALLATION (Cont'd)**

6. **Seam Foam is Optional (Snap Lock Detail Only):** When required, install a length of roof seam foam (Part #7F1X2-13 for 3" roofs or #71X3-13 for 4-1/4" roofs) into the edge of the roof panel. Remember to separate the plastic edging to expose the adhesive prior to installing to seam foam.
7. **For Snap Lock Detail:** Lift the next panel in place, keeping the panel approximately 6" out of the adjustable ridge assembly. Tilt the roof panel so that it hooks into the first panel's upper lip. Next, push the panel down quickly so that the panels snap together. Check both the top and bottom edges to make sure the panels have engaged properly. If not, you must repeat the procedure.
8. Once the panel is snapped in place, slide it up into the adjustable ridge assembly and secure as previously done at both ends. Caulk and hand tool each seam on the exterior. This may be done once the roof installation has been completed. Repeat this process as many times as required.

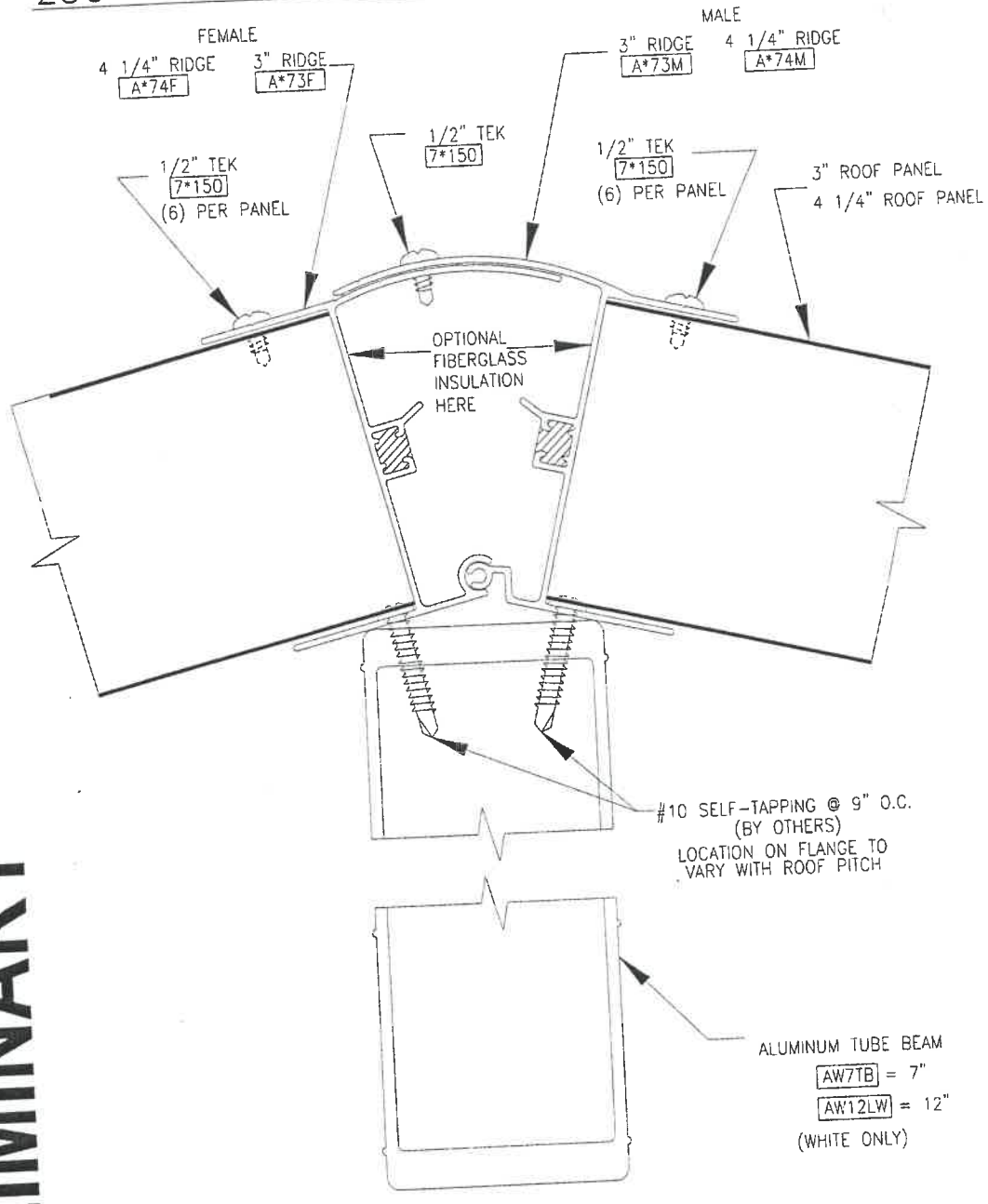
**NOTE**  
*For OSB roof panels align the bottoms of adjoining roof panels and slide them in place. There is no snap lock requirement.*

9. When optional roof H-beams are required in between each roof panel, the H-beam must be cut 7/8" shorter than the length of the roof panel. This will allow for the gutter, once installed, to butt up against it. Insert the H-beam into the adjustable ridge assembly and up against the first roof panel. Slide the next roof panel into the H-beam, then up into the adjustable ridge assembly. Secure each roof panel along the entire exterior length of the H-beam as illustrated below. Also, secure each roof panel at both ends as previously instructed. Seal the entire length where they join. Repeat this process as many times as required. (See below for details).

**FOUR SEASONS WEATHER LOCK II ROOF PANELS H-BEAM DETAIL**



230 PATIO GREAT ROOM ROOF RIDGE DETAILS



**PRELIMINARY**

DETAIL "R"  
RIDGE

NOTE  
1. "\*"INDICATES EXTRUSION COMES IN BRONZE OR WHITE. SUBSTITUTE THE "\*" WITH "B" FOR BRONZE OR "W" FOR WHITE.

DRAWN BY RL  
CHECKED BY  
DATE 1-15-99

SCALE 1:1  
DWG# 230-19  
PAGE 1 OF 1

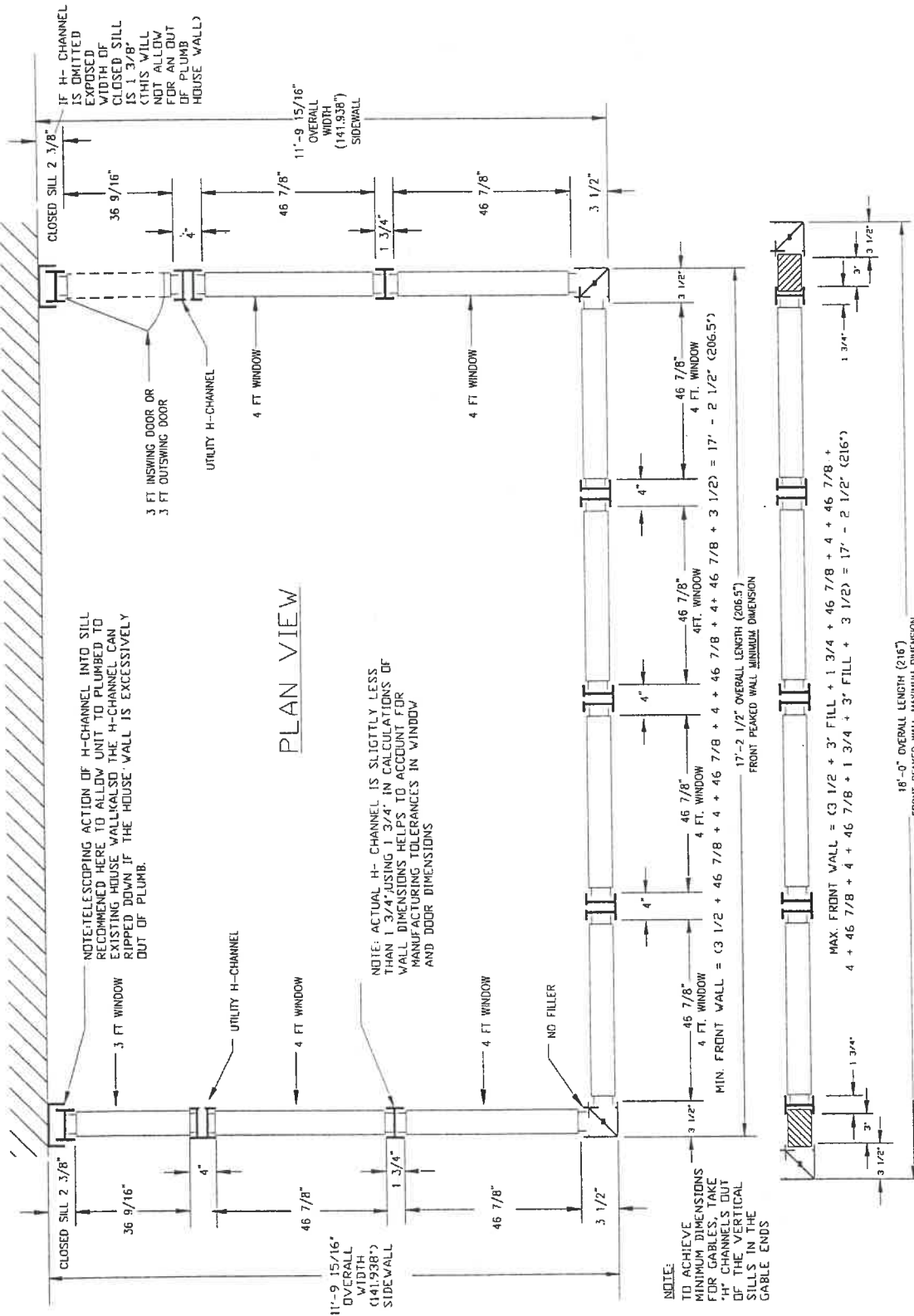


**FOUR SEASONS SOLAR PRODUCTS CORP.**  
5005 VETERANS MEMORIAL HIGHWAY  
HOLBROOK, NEW YORK, 11741  
DESIGNERS AND MANUFACTURERS OF FOUR SEASONS SUNROOMS

REVISION	
5-8-99	PH



WALL LAYOUT OF 230 PATIO GREAT ROOM WITH EXPOSED DIMENSIONS FOR NO VERTICAL FILL



PLAN VIEW

NOTE: TELESCOPING ACTION OF H-CHANNEL INTO SILL RECOMMENDED HERE TO ALLOW UNIT TO PLUMB TO EXISTING HOUSE WALL. ALSO THE H-CHANNEL CAN BE RIPPED DOWN IF THE HOUSE WALL IS EXCESSIVELY OUT OF PLUMB.

NOTE: ACTUAL H-CHANNEL IS SLIGHTLY LESS THAN 1 3/4\"/>

NOTE: TO ACHIEVE MINIMUM DIMENSIONS FOR CHANNELS, TAKE H-CHANNELS OUT OF THE VERTICAL SILLS IN THE GABLE ENDS

LEFT GABLE END =  $3 \frac{1}{2} + 46 \frac{7}{8} + 1 \frac{3}{4} + 46 \frac{7}{8} + 4 + 36 \frac{9}{16} + 2 \frac{3}{8} = 11' - 9 \frac{15}{16}''$  (141.938\")  
 \*\* MINIMUM LEFT GABLE END =  $11' - 9 \frac{15}{16}'' - 1'' = 11' - 8 \frac{15}{16}''$  (DELETING H-CHANNEL AT WALL REDUCE SIZE FURTHER BY  $2 \frac{1}{4}''$  BY REPLACING UTILITY-H WITH H-CHANNEL)  
 RIGHT GABLE END =  $3 \frac{1}{2} + 46 \frac{7}{8} + 1 \frac{3}{4} + 46 \frac{7}{8} + 4 + 36 \frac{9}{16} + 2 \frac{3}{8} = 11' - 9 \frac{15}{16}''$  (141.938\")  
 \*\* MINIMUM RIGHT GABLE END =  $11' - 9 \frac{15}{16}'' - 1'' = 11' - 8 \frac{15}{16}''$  (DELETING H-CHANNEL AT WALL) REDUCE SIZE FURTHER BY  $2 \frac{1}{4}''$  BY REPLACING UTILITY-H WITH H-CHANNEL

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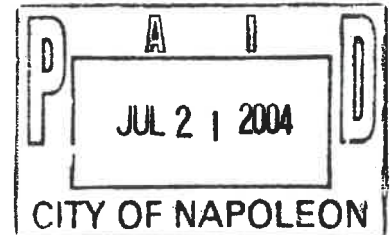
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*John Davis*  
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Size - Lgth:	Width:	Stories:	Living Area SF:
Garage Area SF:	Height:	Bldg Vol Demo Permit:	

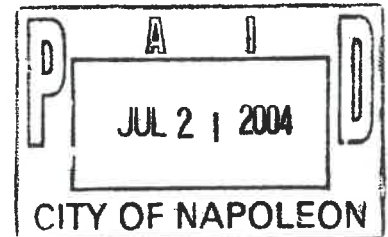
WORK DESCRIPTION

SUNROOM 14X16 REAR

FEE DESCRIPTION  
BUILDING PERMIT

PAID DATE

FEE AMOUNT DUE  
91.00



Total Fees Due 91.00

7-21-04

Date

*Elmer Davis*

Applicant Signature