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DRISCOLL ENGINEERING, INC. CONSULTING ENGINEERS PO BOX 357577 GAINESVILLE, FL 32608 CA 8690		SHEET 1
PROJECT DESCRIPTION: PATIO COVER		
OWNER: FERNANDEZ		
LOCATION: 271 SW BARON GLN		
CITY: FORT WHITE, FL		
ZIP		
CONTRACTOR: HUNT ALUMINUM INC		
ADDRESS:		
CITY:		
ULTIMATE WIND SPEED: 130		
NOMINAL WIND SPEED: 101		
WIND EXPOSURE CATEGORY: B		
RISK CATEGORY 11		
INTERNAL PRESSURE COEFFICIENT G _{01a} = +0.0		
DESIGN PRESSURE PER TABLE 2002.4 OF 2003 FBC 8TH EDITION		
DESIGN LOAD BEARING VALUE OF SOIL (SEE GENERAL NOTES AND SPECIFICATIONS PART 1 NOTE 4)		
DESIGN ROOF LIVE LOAD = 20 PSF		
THIS ITEM HAS BEEN ELECTRONICALLY SIGNED AND SEALED BY MICHAEL E. DRISCOLL, P.E. USING A SHA AUTHENTICATION CODE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SHA AUTHENTICATION CODE MUST BE VERIFIED ON ANY ELECTRONIC COPIES ON 5-1-24		
Michael Driscoll P.E. FL REG #43922		
Digitally signed by Michael E. Driscoll PE Date: 2024.05.01 10:45:38 -0400		
Seal		

DATE: 5-1-24	PROJECT NO: DA24-107
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TABLE OF CONTENTS	
Sheet 1: Cover Sheet.	
Sheet 2: Specifications, Loads applied to host and Design Pressures.	
Sheet 3: Plans.	
Sheet 4: Details.	

PROFESSIONAL SERVICES BY DRISCOLL ENGINEERING, INC.

PLANS AND SPECIFICATIONS

The plans and specifications presented herein are applicable only for the anticipated construction at the location shown. Driscoll Engineering, Inc. (DEI) shall be immediately notified of any changes or field deviations to these plans so that the specifications and requirements can be re-evaluated. DEI shall be given the opportunity to review final plans and specifications to determine if the intent of these plans & specifications have been followed and/or if supplemental details or recommendations are required. DEI warrants that these plans & specifications and limitations as defined in these plans contained have been prepared in accordance with generally accepted professional engineering practice. No other warranties are implied or expressed.

CORPORATE PROTECTION

It is understood and agreed that DEI's Basic Services do not include project observation or review of the Contractor's performance or any other construction phase services, and that such services will be provided by the Client. The Client assumes all responsibility for interpretation of these plans & specifications and for construction observation and supervision and waives any claims against the DEI that may be in any way connected thereto.

In addition, the Client agrees, to the fullest extent permitted by law, to indemnify and hold DEI harmless from any loss, claim or cost, including reasonable attorney's fees and costs of defense, arising or resulting from the performance of such services by other person or entities and from any and all claims arising from modifications, clarifications, interpretations, adjustments or changes made to these plans & specifications to reflect changed field or other conditions, except for claims arising from the sole negligence or willful misconduct by DEI.

OWNERSHIP OF INSTRUMENTS OF SERVICE

All reports, plans, specifications, computer files, field data, notes and other documents and instruments prepared by DEI as instruments of service shall remain the property of DEI. DEI shall retain all common law, statutory and other reserved rights, including the copyright thereto.

DEFECTS IN SERVICE

The Client shall promptly notify DEI of any defects or suspected defects in DEI's work or services of which the Client becomes aware, so that DEI may take measures to minimize the consequences of such a defect. The Client warrants that he or she will impose a similar notification requirement on all contractors in his or her Client/Contractor contract and shall require all subcontractors at any level to contain a like requirement. Failure by the Client, and the Client's contractors or subcontractors to notify DEI, shall relieve DEI of the costs of remedying the defects above the sum such remedy would have cost had prompt notification been given.

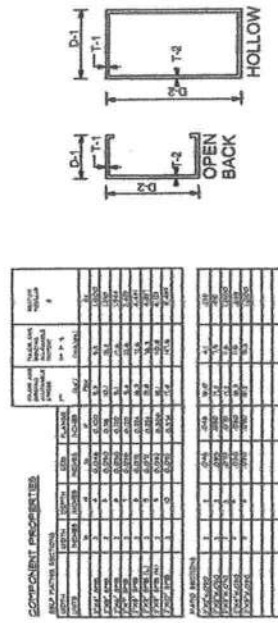
VERIFICATION OF EXISTING CONDITIONS

Inasmuch as the remodeling and/or rehabilitation of an existing building requires that certain assumptions be made regarding existing conditions, and because some of these assumptions may not be verifiable without expending additional sums of money or destroying otherwise adequate or serviceable portions of the building, the Client agrees, to the fullest extent permitted by law, to indemnify and hold the DEI harmless from any claim, liability or cost (including reasonable attorney's fees and costs of defense) for injury or economic loss arising or allegedly arising out of the professional services provided by these plans & specifications, excepting only those damages, liabilities, or costs attributable to the sole negligence or willful misconduct of DEI.

NOTES:

- A- ALL FASTENERS @ POST TO HOST CONNECTIONS SHALL BE 3/8" DIA. 1" MAX DISTANCE FROM POST. BRICK PAVERS ARE NOT CONSIDERED AS EMBEDMENT MATERIAL. (SEE NOTE: SHEET 1 PART 3-1)
- B- ALL FASTENERS FOR ALL OTHER CONNECTIONS TO HOST SHALL BE 1/4" DIA. EACH GIRT & 24" MAX SPACING 2" MIN EMBEDMENT. (SEE NOTE: SHEET 1 PART 3-1)

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COMPONENTS & CLADDING PRESSURES

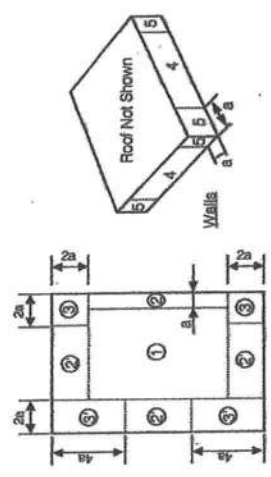


Table with 4 columns: Item, Figure, Area (sq ft), and Weight (lb). It lists various roof components and their associated areas and weights.



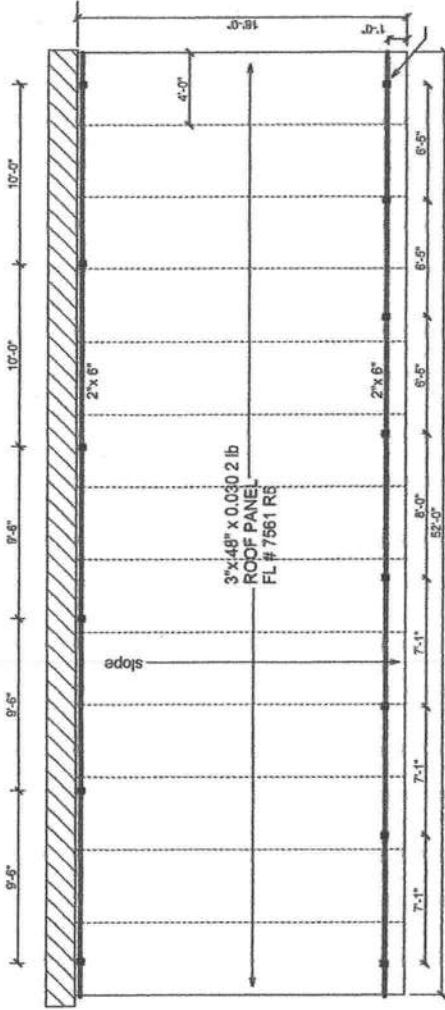
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Michael Driscoll P.E.
FL REG #43922

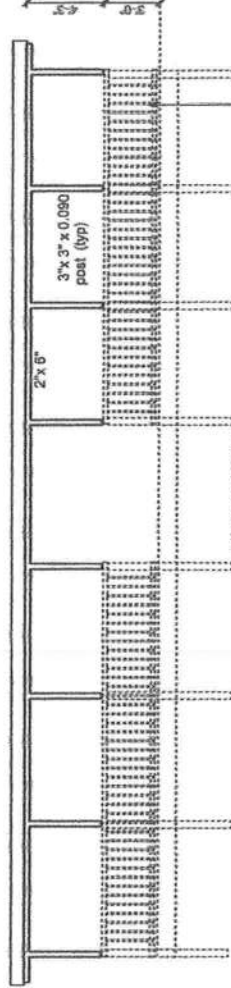
ROOF PANELS USE AREA 3

FERNDEZ
271 SW BARON GLN
FT WHITE, FL DA24-107

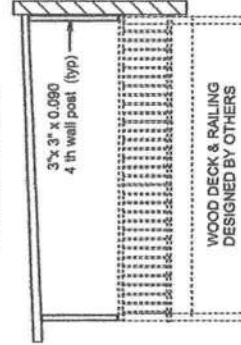
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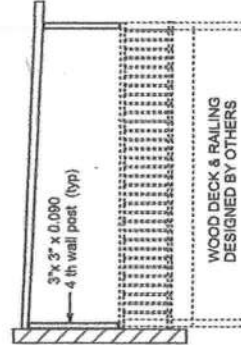
PLAN VIEW



ELEVATION



ELEVATION



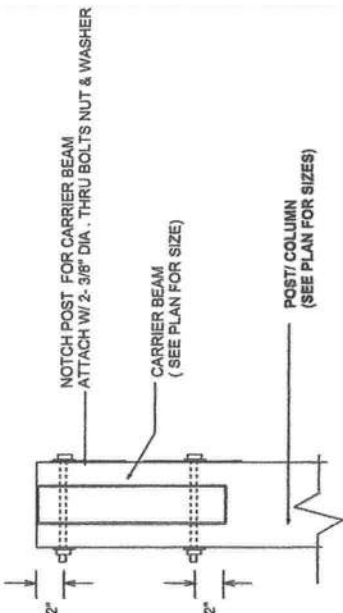
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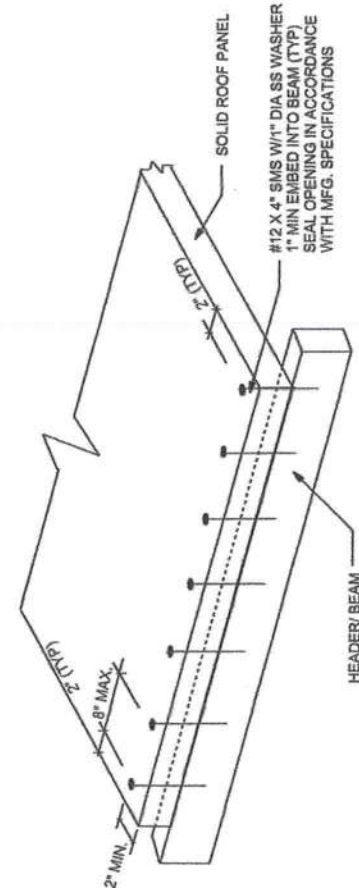
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Michael E.
Driscoll PE
Date:
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-04'00'



FERNDEZ
271 SW BARON GLN
FT WHITE, FL DA24-107



POST/ COLUMN TO BEAM
N.T.S.

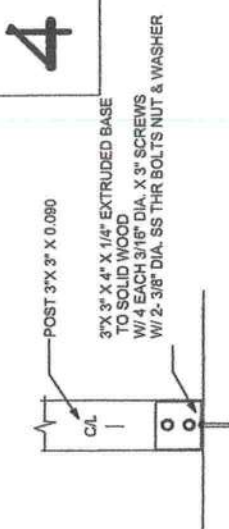


SOLID ROOF PANEL ATTACHMENT
N.T.S.

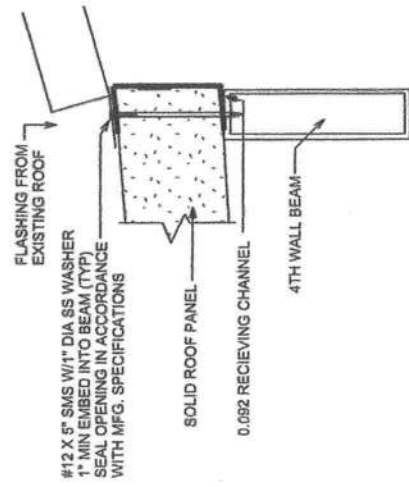
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Digitally signed by
Michael E. Driscoll PE
Date: 2024.05.01
10:46:27 -04'00'



POST TO SOLID WOOD



SOLID ROOF PANEL ATTACHMENT
N.T.S.

FERNDEZ
271 SW BARON GLN
FT WHITE, FL DA24-107

MICHAEL E. DRISCOLL P.E.
FL REG. #43922



DRISCOLL ENGINEERING, INC.

CONSULTING ENGINEERS

PO BOX 357577

VILLAGE, ILL. 62000
CA 8690PH (352) 331-1513
PH (352) 505-3386

SUBJECT DESCRIPTION: PATIO COVER

OWNER: FERNANDEZ

LOCATION: 271 SW BARON GLEN

CITY: FORT WHITE FL

CONTRACTOR: HUNT ALUMINUM INC.

ADDRESS:

CITY:

TABLE OF CONTENTS

NOMINAL WIND SPEED: 101

NOVEMBER 1960

WIND EXPOSURE CATEGORY: B

RISK CATEGORY 11

INTERNAL PRESSURE COEFFICIENT $G_{cp} = +/- 0.0$

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DESIGN BOOK LIVE | LOAD = 20 PSE

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PROJECT NO: DA24-107

Date: 7/11/2016

Date: _____

2024.05.01

10:45:38 -04:00

100

GENERAL NOTES AND SPECIFICATIONS:

PART I - REQUIREMENTS AND CONTRACTOR'S RESPONSIBILITY.

- [illegible]

PART 7 • PRODUCTS AND MATERIALS (except concrete)

- [illegible]

PART 3 - FABRICATION NOTES:

- [illegible]

PART 4 - CONCRETE CONSTRUCTION NOTES:

- [illegible]

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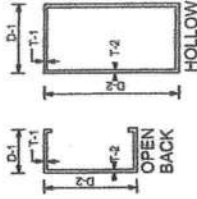
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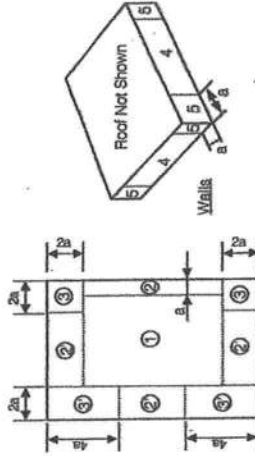
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COMPONENT PRIORITIES			
ITEM	DESCRIPTION	PRIORITY	REMARKS
1	ROOF PANELS	1	SEE DETAIL 1
2	WALLS	2	SEE DETAIL 2
3	OPEN BACK	3	SEE DETAIL 3
4	HOLLOW	4	SEE DETAIL 4
5	ROOF NOT SHOWN	5	SEE DETAIL 5



COMPONENTS & CLADDING PRESSURES



Wind Pressure Summary for GWT Based Upon Areas On 30 Ps 1 (Table 1.1 of 2)

Item	Figure	A _o sq ft	A _o sq ft	A _o sq ft	A _o sq ft
1	1	10.00	10.00	10.00	10.00
2	2	10.00	10.00	10.00	10.00
3	3	10.00	10.00	10.00	10.00
4	4	10.00	10.00	10.00	10.00
5	5	10.00	10.00	10.00	10.00
6	6	10.00	10.00	10.00	10.00
7	7	10.00	10.00	10.00	10.00
8	8	10.00	10.00	10.00	10.00
9	9	10.00	10.00	10.00	10.00
10	10	10.00	10.00	10.00	10.00
11	11	10.00	10.00	10.00	10.00
12	12	10.00	10.00	10.00	10.00
13	13	10.00	10.00	10.00	10.00
14	14	10.00	10.00	10.00	10.00
15	15	10.00	10.00	10.00	10.00
16	16	10.00	10.00	10.00	10.00
17	17	10.00	10.00	10.00	10.00
18	18	10.00	10.00	10.00	10.00
19	19	10.00	10.00	10.00	10.00
20	20	10.00	10.00	10.00	10.00
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22	22	10.00	10.00	10.00	10.00
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29	29	10.00	10.00	10.00	10.00
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44	44	10.00	10.00	10.00	10.00
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46	46	10.00	10.00	10.00	10.00
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98	98	10.00	10.00	10.00	10.00
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ROOF PANELS USE AREA 3

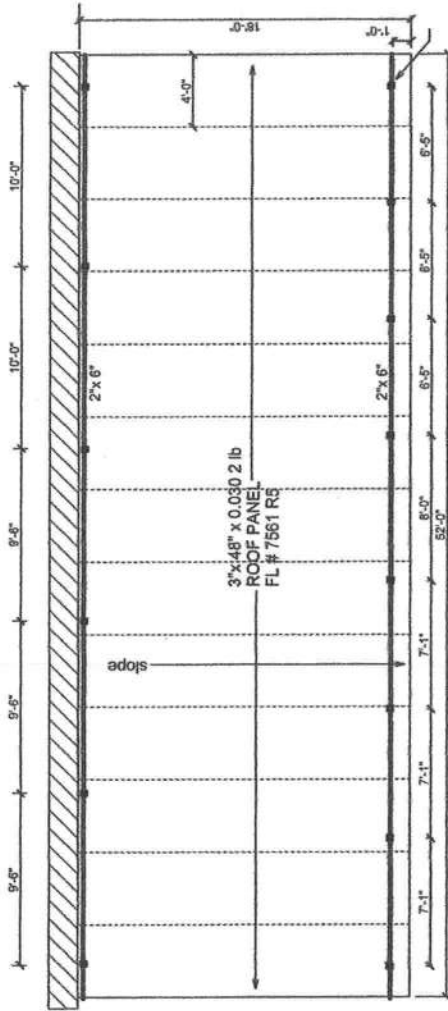
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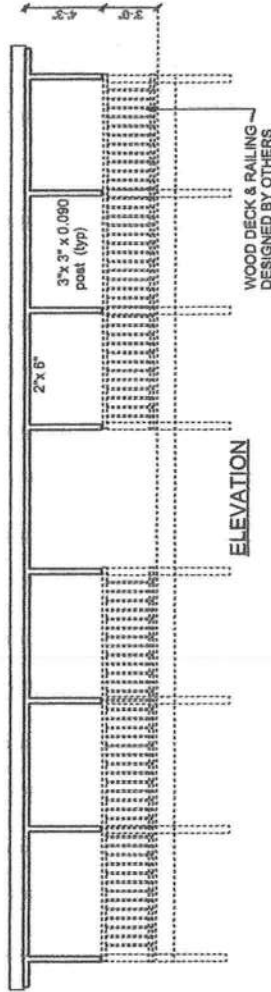
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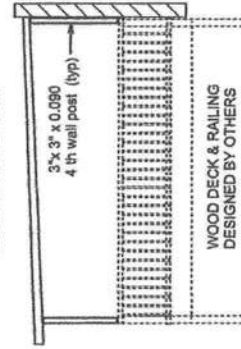
PLAN VIEW

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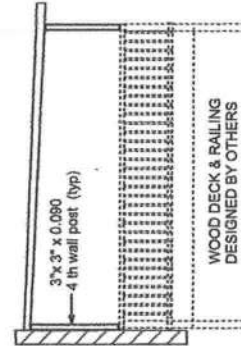
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ELEVATION



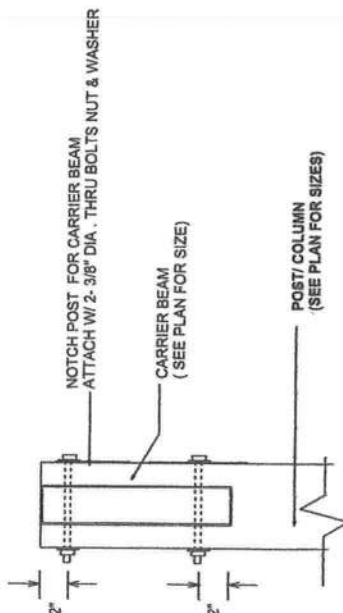
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ELEVATION

FERNDEZ
271 SW BARON GLN
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4

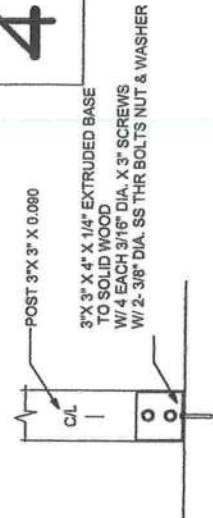


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N.T.S.

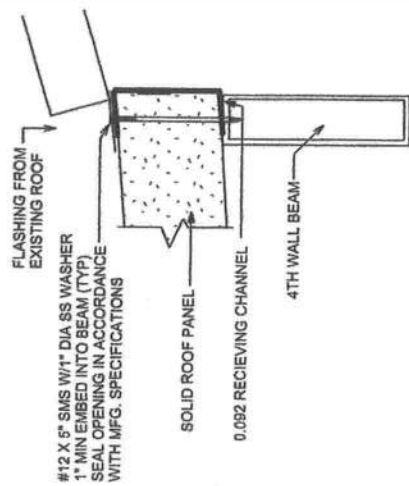
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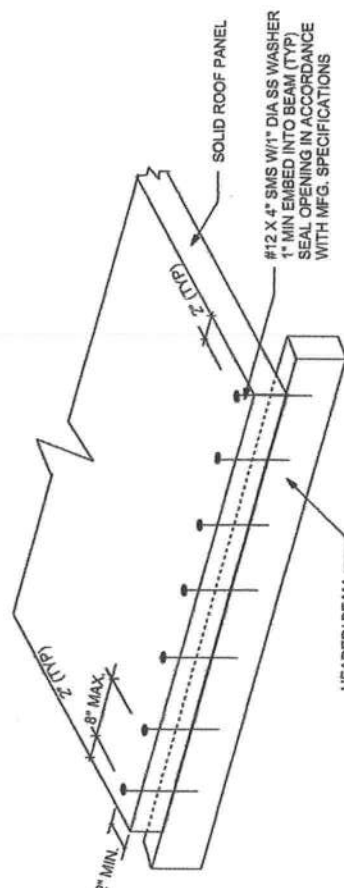
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SOLID ROOF PANEL ATTACHMENT
NTS
TO HOST



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