

BY GREAT DAY IMPROVEMENTS, LLC

GREAT DAY IMPROVEMENTS, PHILADELPHIA  
COMBS RESIDENCE

MINIMUM DESIGN LOADS: (PER 2015 IRC)

SUNROOM CATEGORY II (PER 2015 IRC R301.2.1.1.1 & AAMA / NPEA / NSA 2100))

SNOW LOADS:

1. GROUND SNOW LOAD: 20 PSF

ULTIMATE DESIGN WIND SPEED: 120 MPH, 3 SEC. GUSTS

LIVE LOADS:

- 1. ROOF: 20 PSF
- 2. FLOOR: 40 PSF

NOTE: THIS ENCLOSURE IS NOT TO BE CONDITIONED OR USED AS A PERMANENT LIVING AREA.

NOTES:

- 1. ALLVIEW (CA5) ROOM; WHITE IN COLOR
- 2. CONSTRUCT ENCLOSURE ON NEW DECK
- 3. NO HEAT BY GDI, ELECTRICAL BY GDI
- 4. ALL CONCRETE TO BE 3000 PSI MINIMUM
- 5. ALL LUMBER TO BE SPF #2 OR BETTER, PRESSURE TREATED WHERE REQUIRED
- 6. WHERE REQUIRED, METALS IN CONTACT WITH PRESSURE TREATED LUMBER MUST BE ADEQUATELY PROTECTED.
- 7. ROOM CONSIDERED AS NON-CONDITIONED SPACE, EXEMPT FROM ENERGY REQUIREMENTS (PER 2015 IRC SECTION N1102.1, NOTE 2)

<u>DRAWING #</u>	<u>DESCRIPTION</u>
1	COVER
2	ELEVATION "B" WALL
3	ELEVATION "A" & "C" WALL
4	DECK PLAN
5	ELECTRICAL PLAN
6	ROOF PLAN
7	STANDARD DECK DETAILS
8	STANDARD DECK DETAILS
9	SYSTEM DETAILS
10	SYSTEM DETAILS

LOCATION

GDI - PHILADELPHIA  
268 DUNKSFERRY ROAD  
BENSALEM, PA 19020  
215-245-1100

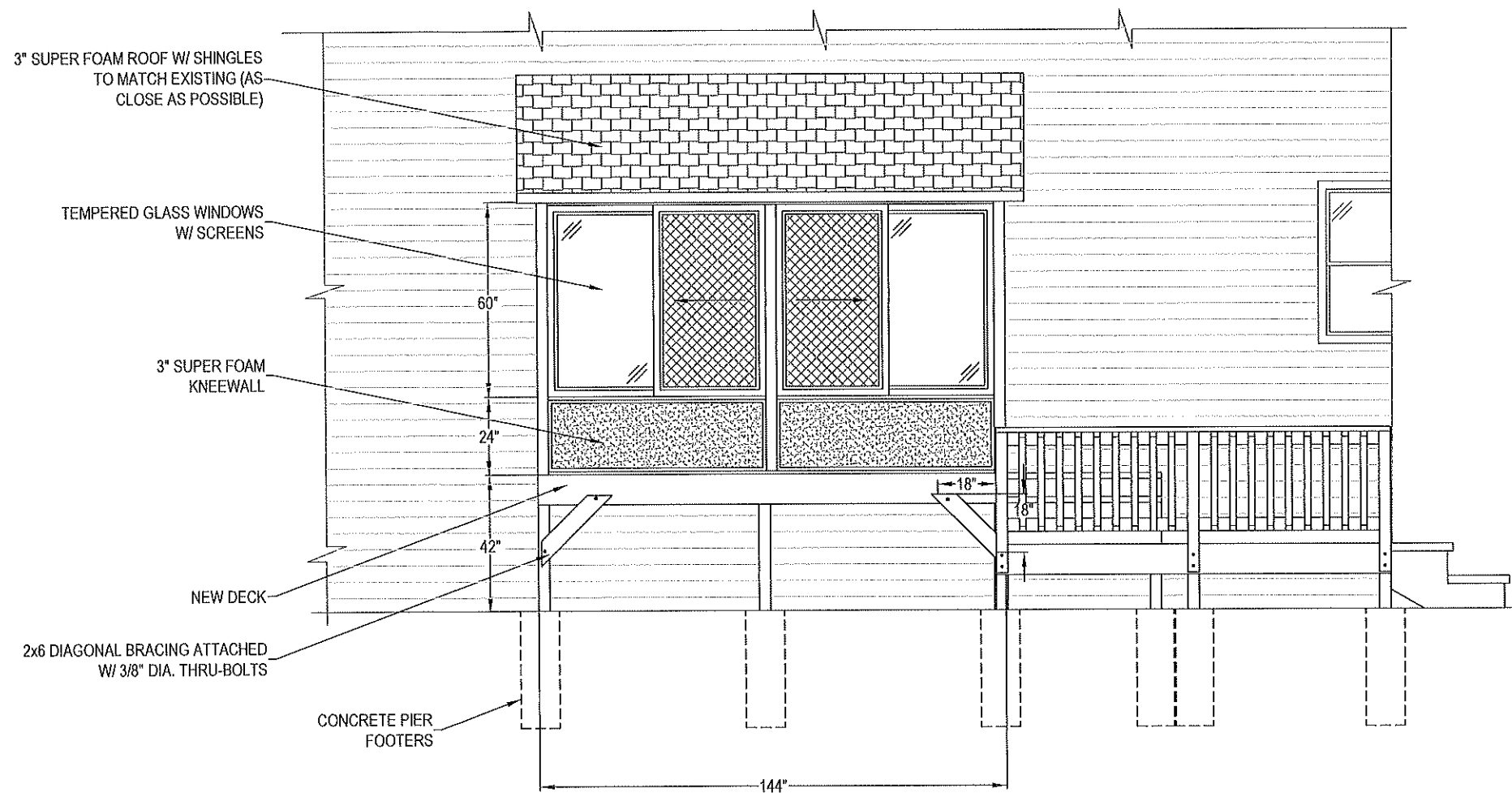
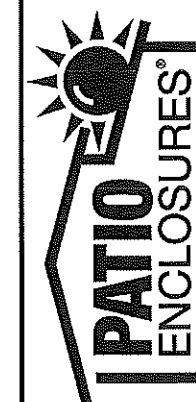
GORDY & CINDI COMBS  
605 N DERBY AVENUE  
VENTNOR CITY, NJ. 08406  
JOB #40356

DATE  
11/1/19

JAMES A. CLANCY, P.E., L.S.  
NJ. PROFESSIONAL ENGINEER (NJ. LIC. #33998)  
601 ASBURY AVENUE  
NATIONAL PARK, NJ. 08063  
PH. # 856-853-7306

DRAWN  
ZMS  
SCALE  
1/4" = 1'-0"  
SHEET  
1 OF 10

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ELEVATION - "B" WALL

LOCATION  
 GDI - PHILADELPHIA  
 268 DUNKSFERRY ROAD  
 BENSLEM, PA 19020  
 215-245-1100

GORDY & CINDI COMBS  
 605 N DERBY AVENUE  
 VENTNOR CITY, NJ. 08406  
 JOB #40356


DATE	11/1/19
DRAWN	ZMS
SCALE	1/4" = 1'-0"
SHEET	2 OF 10

JAMES A. CLANCY, P.E., L.S.  
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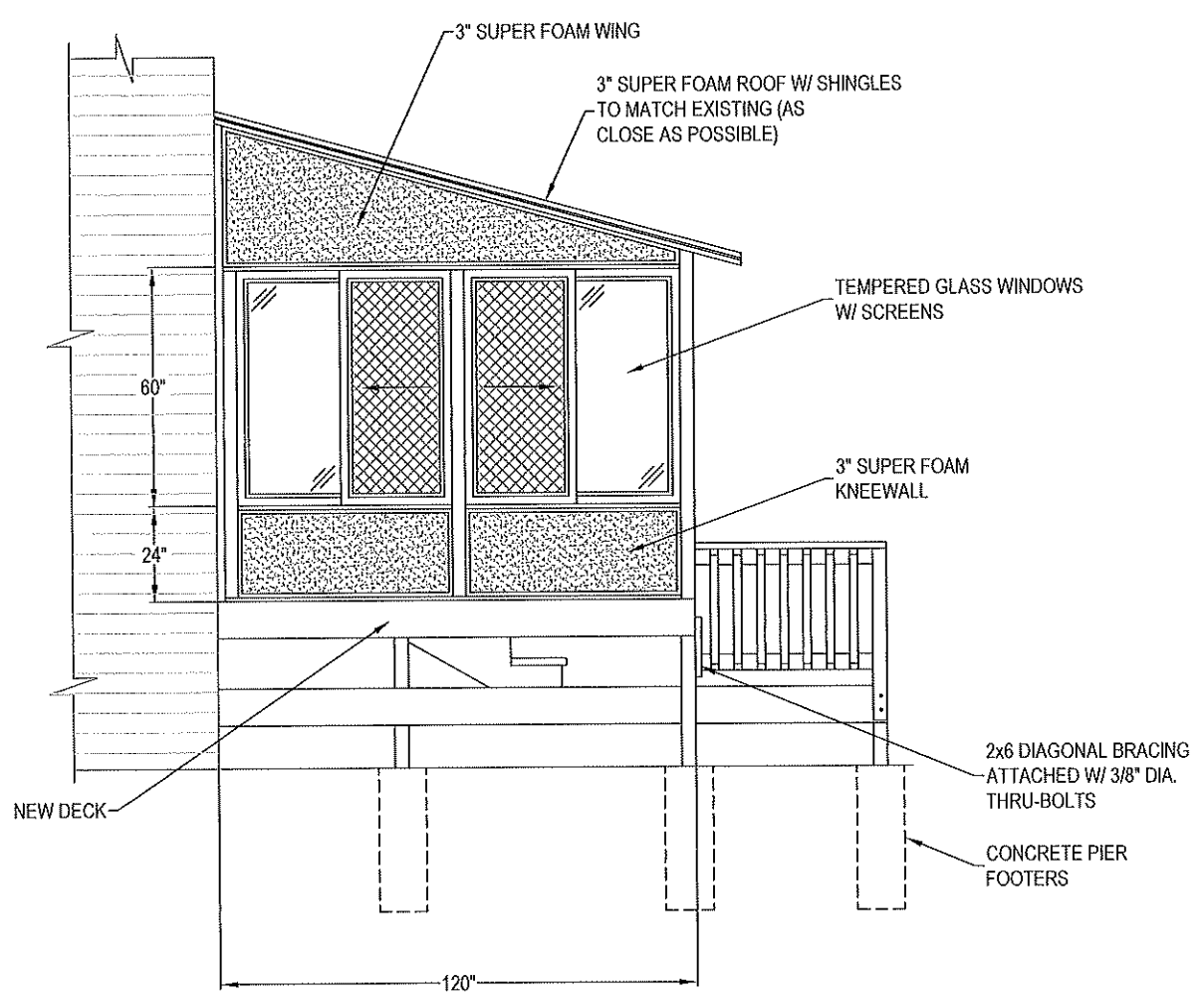
LOCATION  
 GDI - PHILADELPHIA  
 268 DUNKSFERRY ROAD  
 BENSLEM, PA 19020  
 215-245-1100

GORDY & CINDI COMBS  
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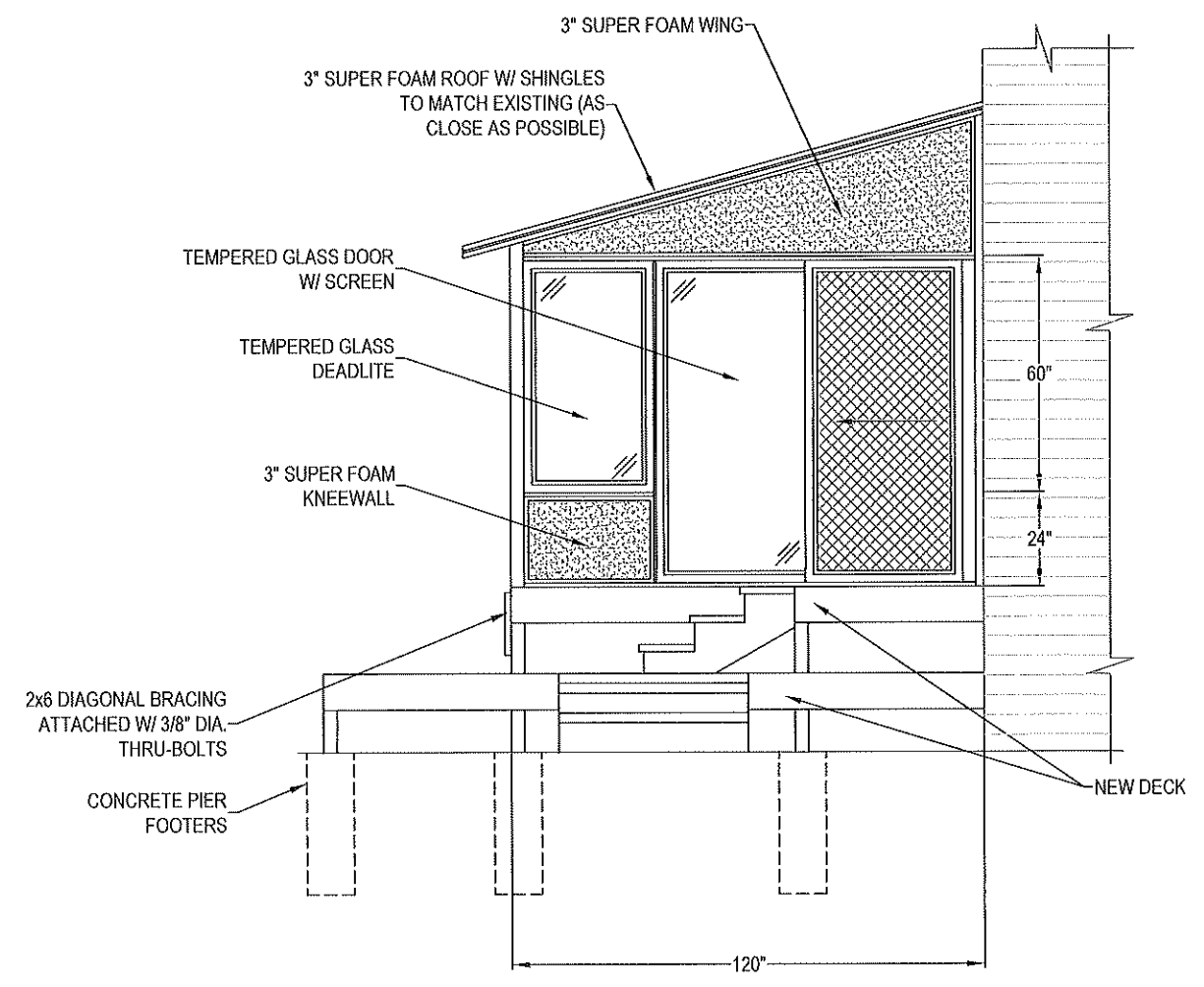
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DATE	11/1/19
DRAWN	ZMS
SCALE	1/4" = 1'0"
SHEET	3 OF 10

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ELEVATION - "A" WALL

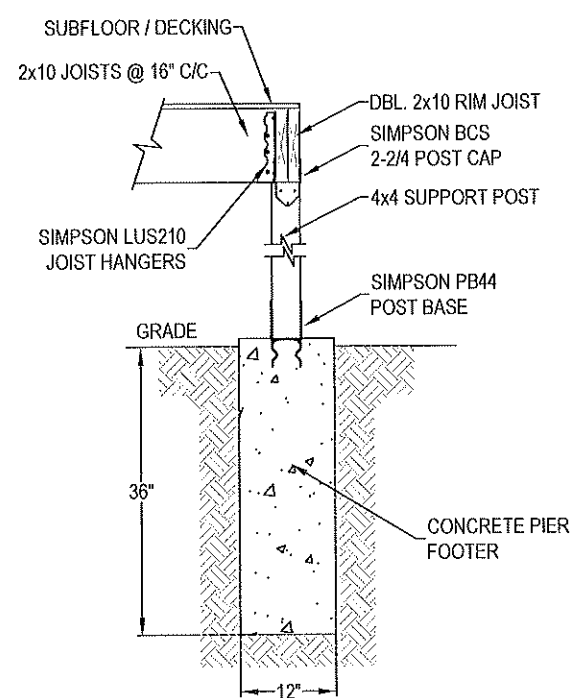


ELEVATION - "C" WALL  
 (RAILING NOT SHOWN FOR CLARITY)

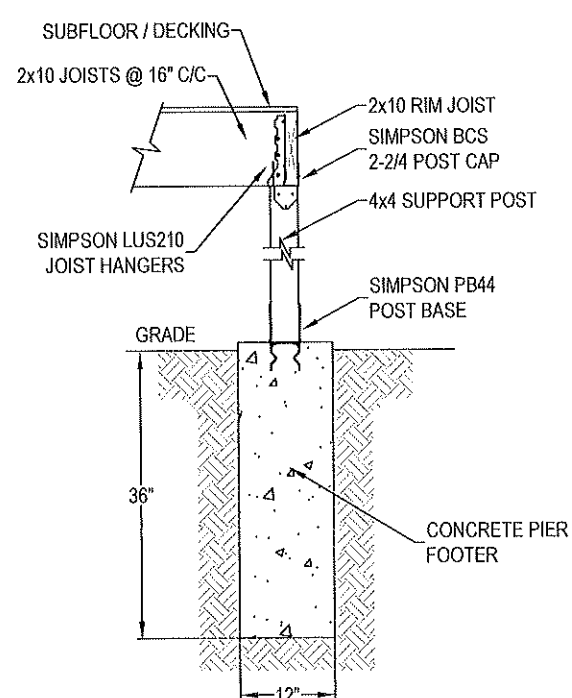
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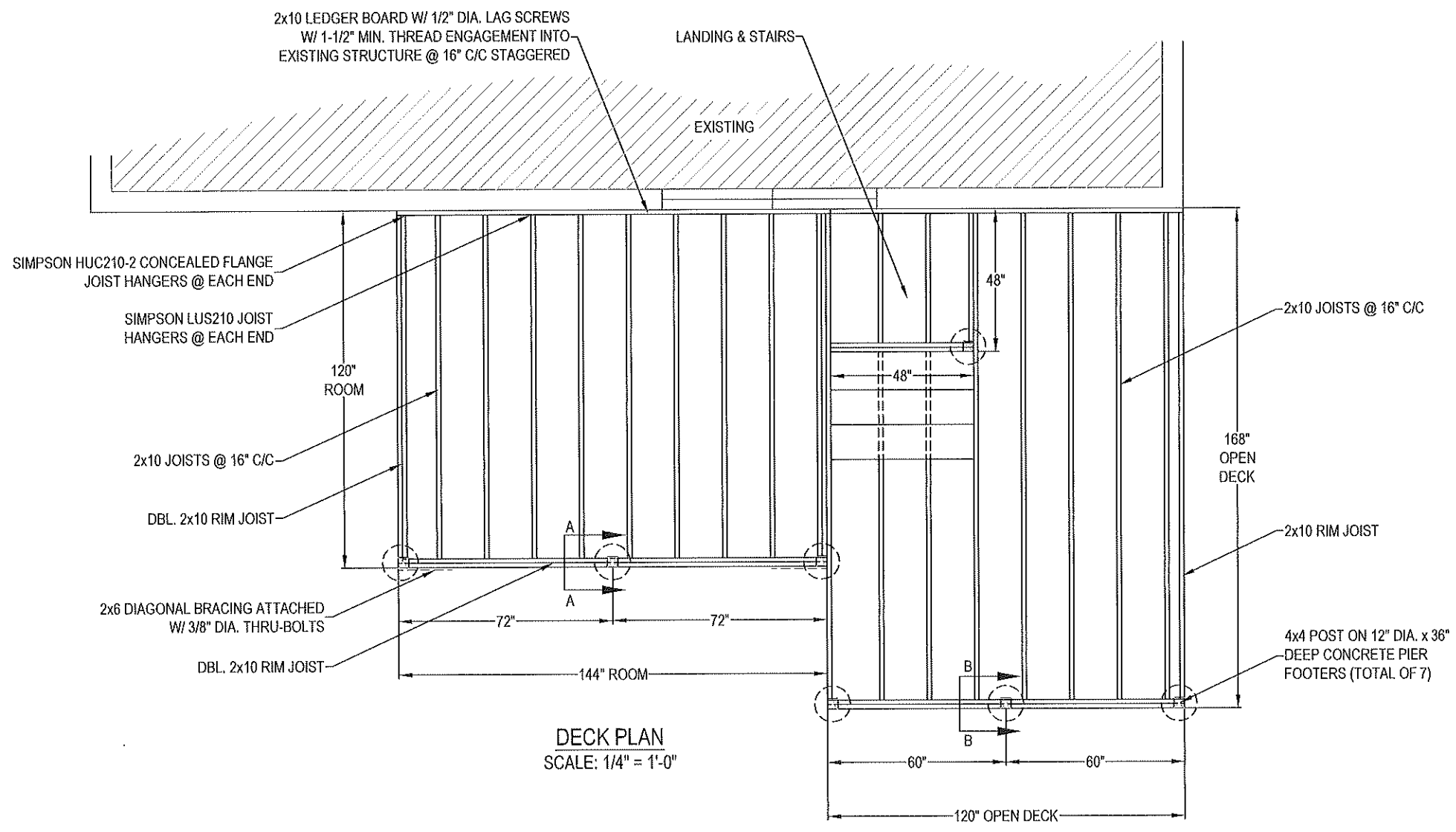
BY GREAT DAY IMPROVEMENTS, LLC



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



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



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

LOCATION  
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DATE	11/1/19
DRAWN	ZMS
SCALE	AS NOTED
SHEET	4 OF 10

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GORDY & CINDI COMBS

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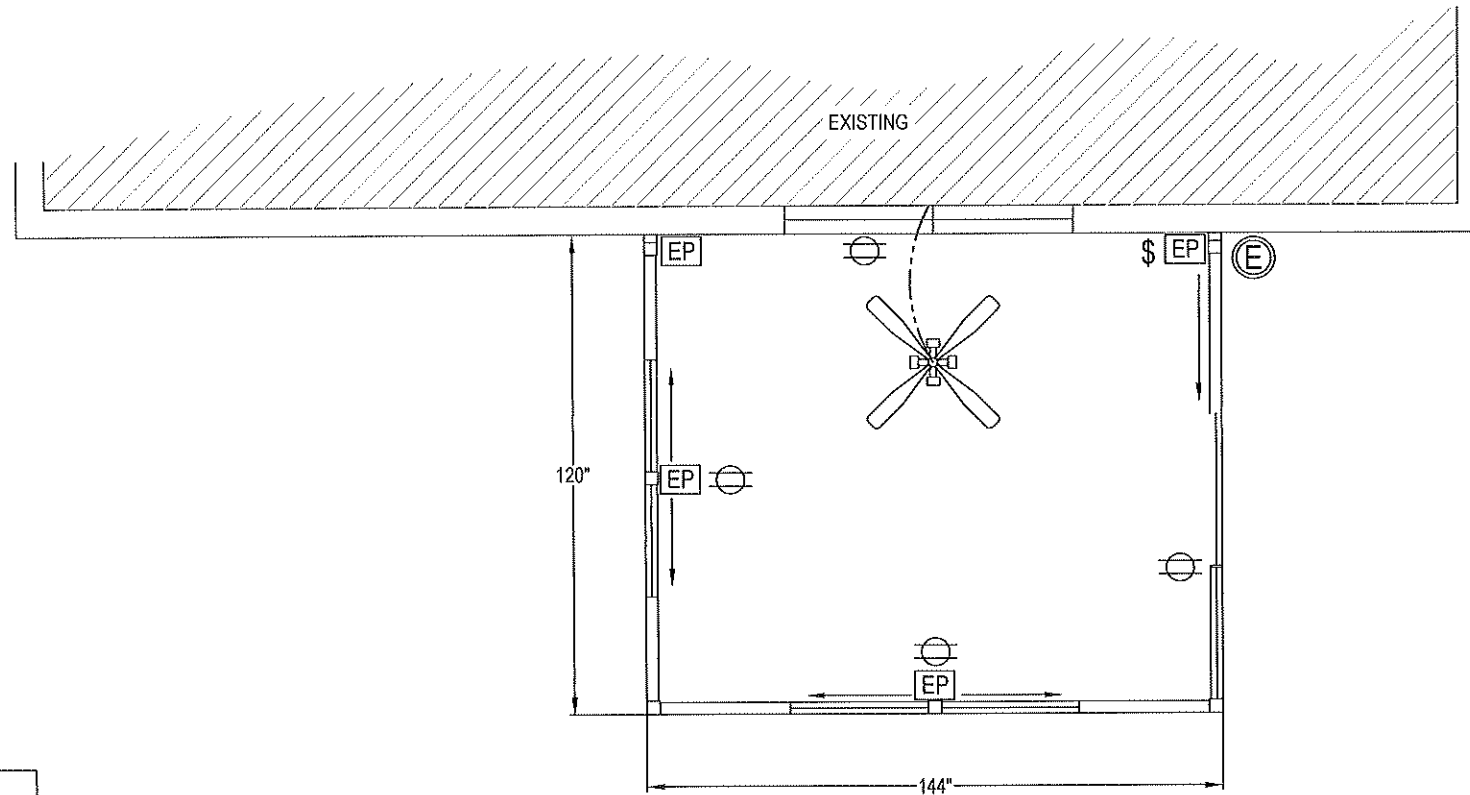
DRAWN  
ZMS

SCALE  
1/4" = 1'-0"

SHEET  
5 OF 10





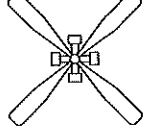

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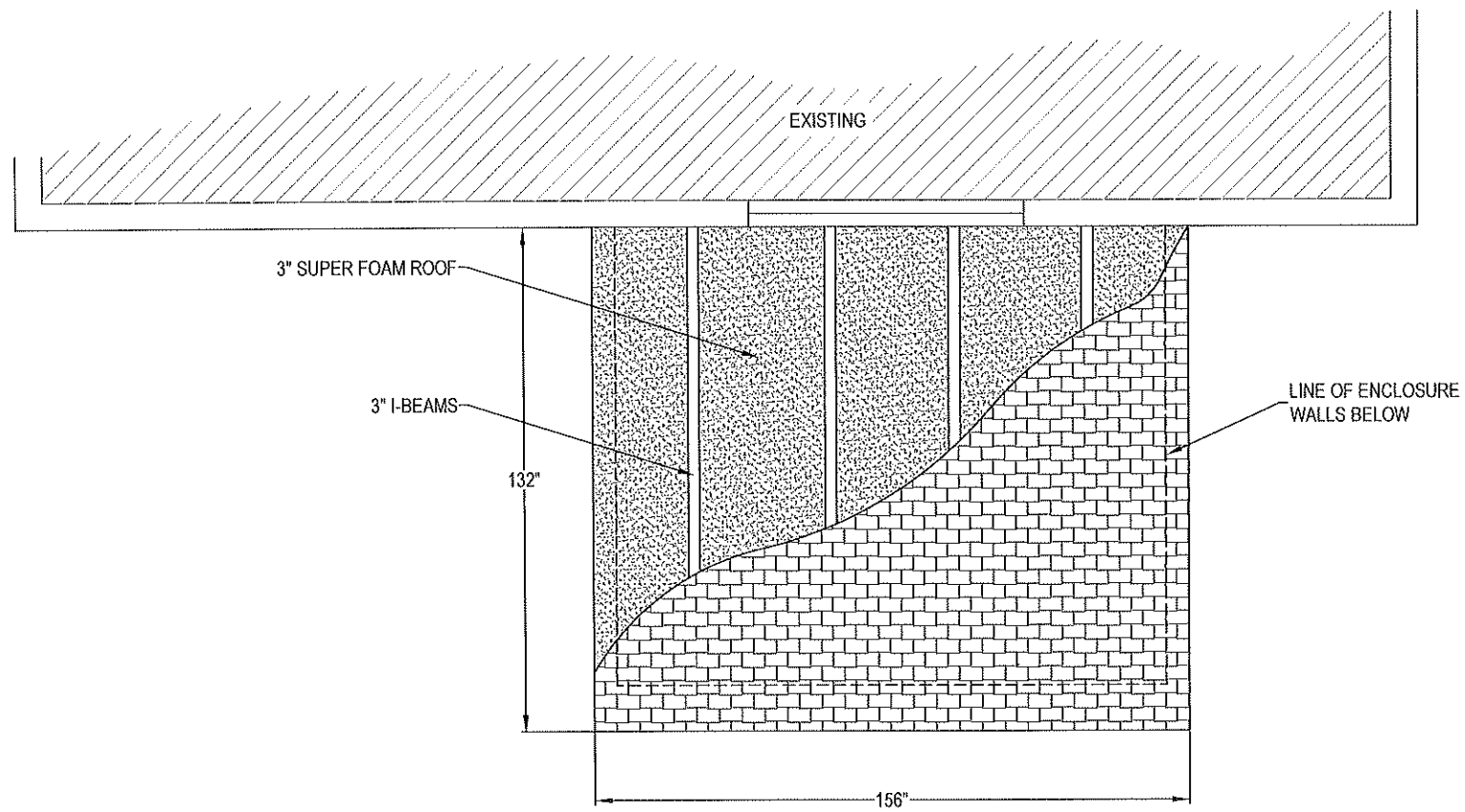
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ELECTRICAL PLAN

GDI ELECTRICAL SYMBOL LEGEND

-  ELECTRICAL RACEWAY POST
-  DUPLEX RECEPTACLE
-  EXIT LIGHT
-  SWITCH
-  CEILING FAN W/ LIGHT
-  LINE FROM SWITCH TO FIXTURE CONTROLLED



ROOF PLAN



LOCATION

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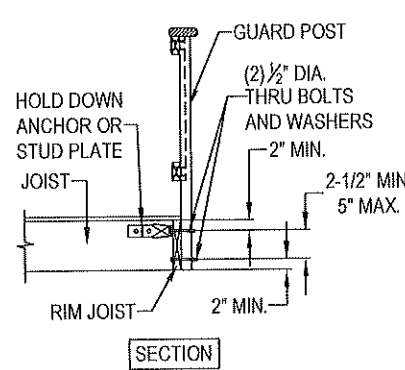
DRAWN  
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SCALE  
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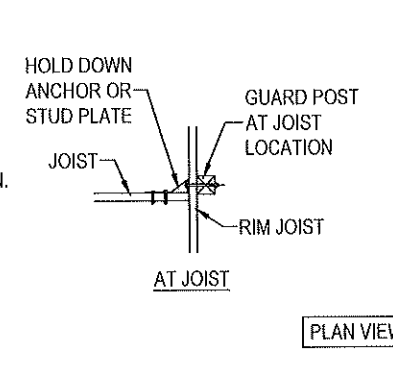
SHEET  
 6 OF 10

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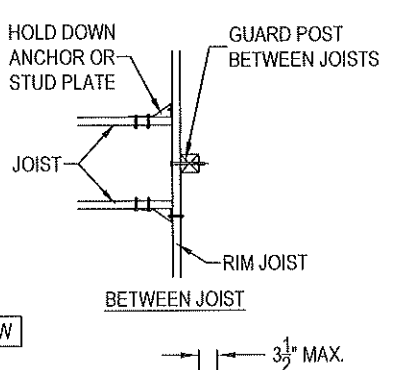
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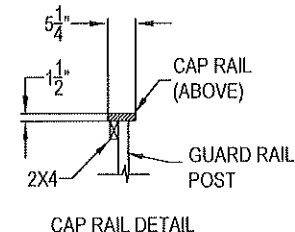
GUARD POST TO RIM JOIST DETAIL



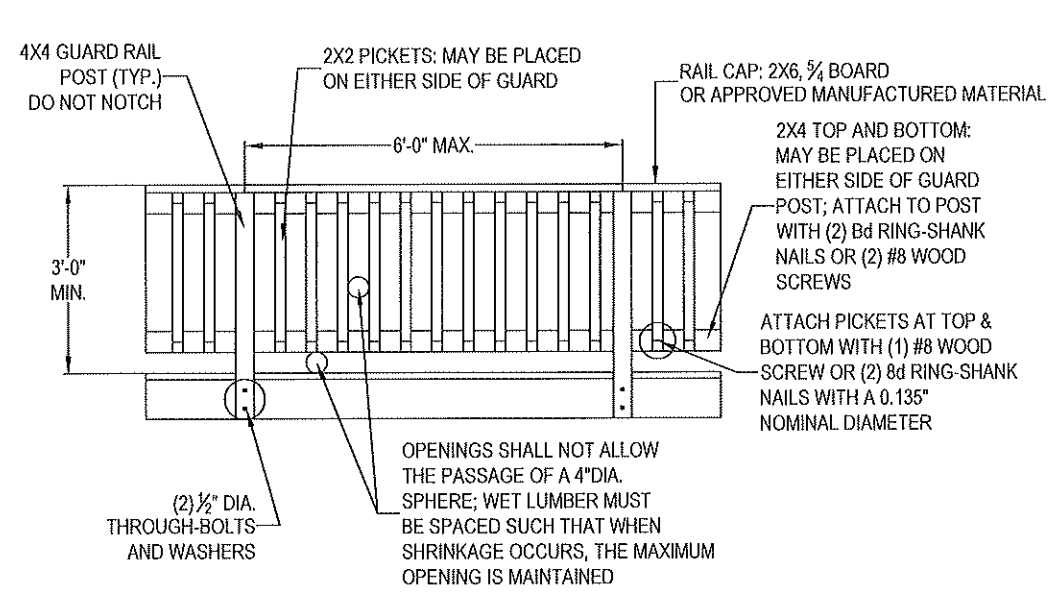
PLAN VIEW



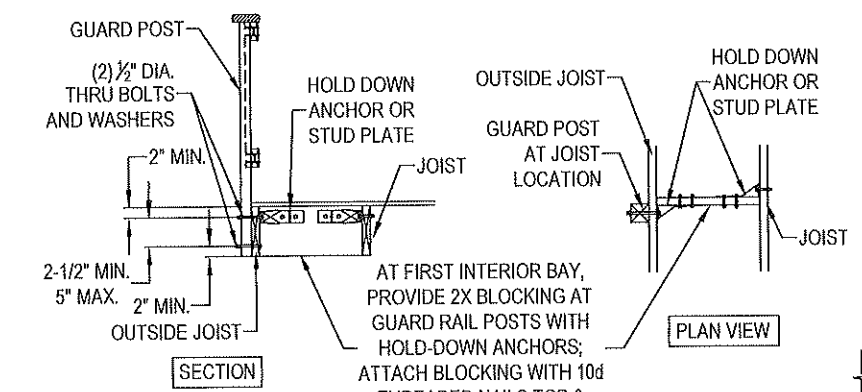
BETWEEN JOIST



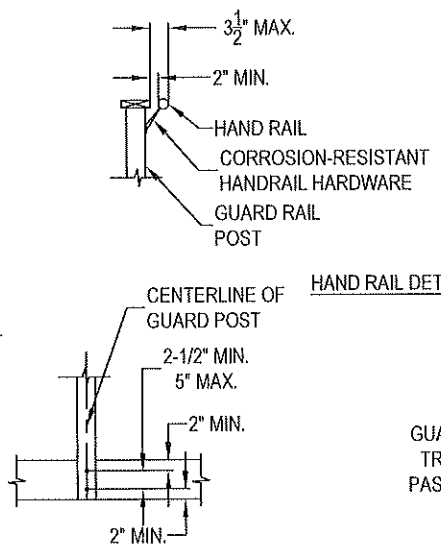
CAP RAIL DETAIL



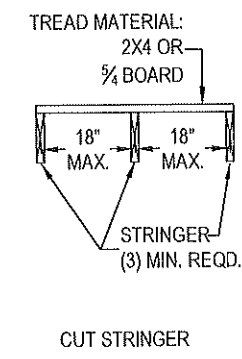
TYPICAL GUARD DETAIL



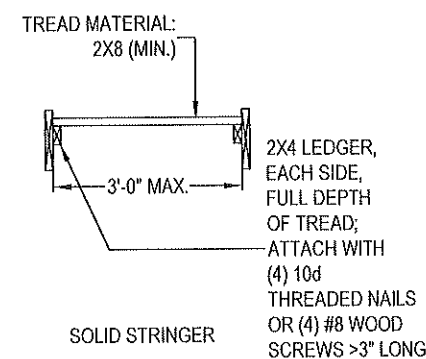
GUARD POST TO OUTSIDE JOIST DETAIL



HAND RAIL DETAIL

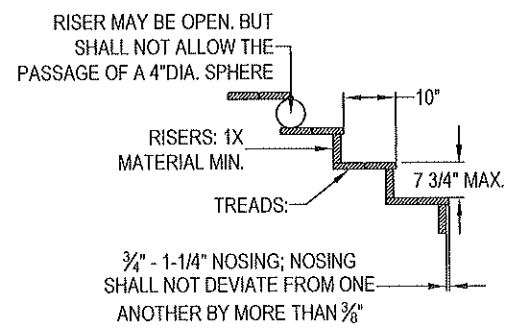


CUT STRINGER

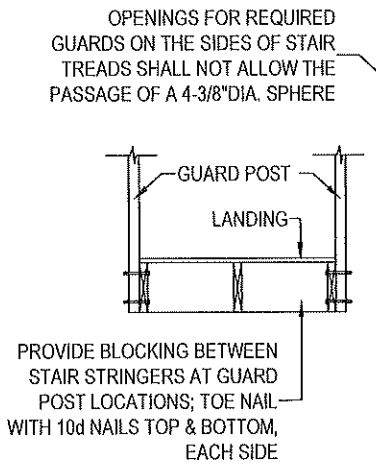


SOLID STRINGER

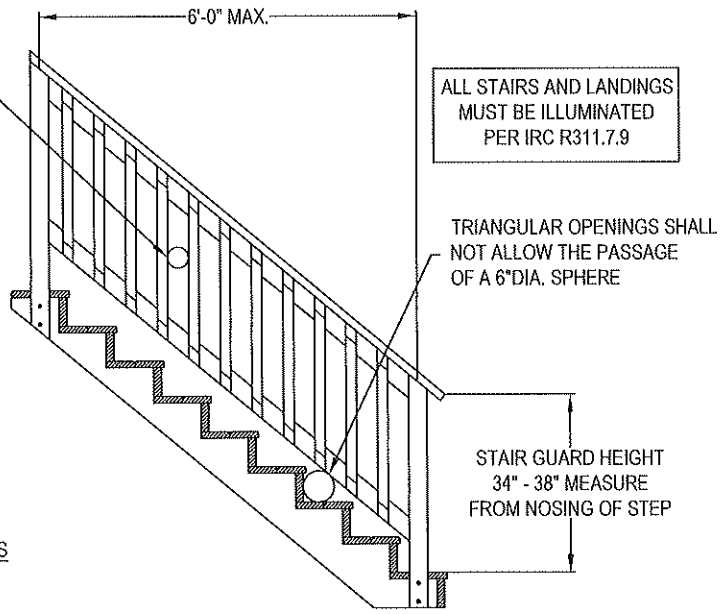
TREAD CONNECTION REQUIREMENTS



TREAD AND RISER DETAIL



STAIR GUARD REQUIREMENTS

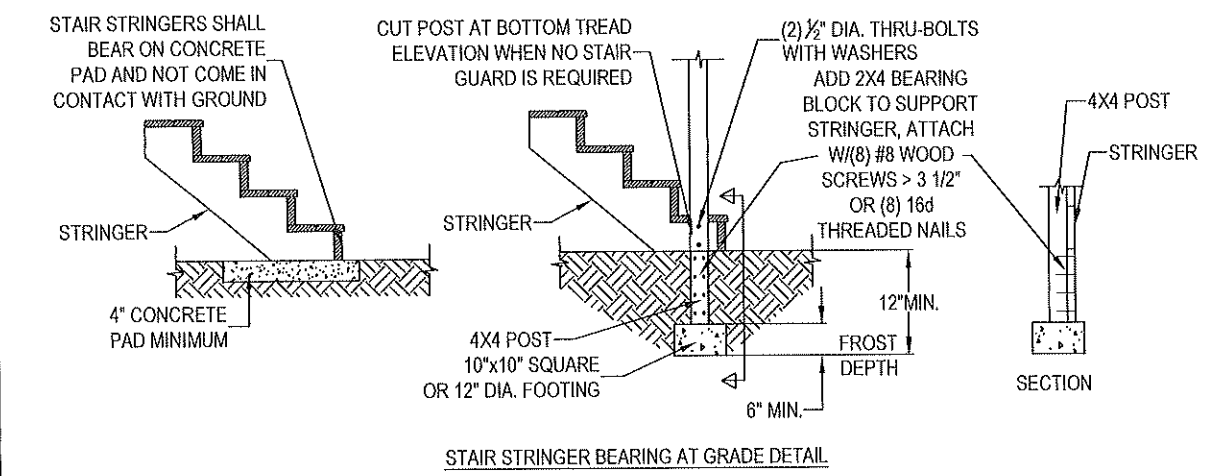


ALL STAIRS AND LANDINGS MUST BE ILLUMINATED PER IRC R311.7.9

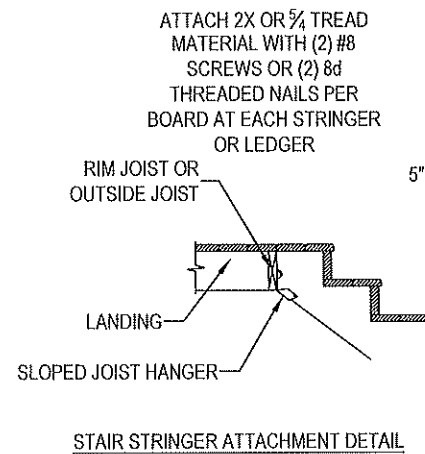
THESE DETAILS WERE TAKEN FROM THE PRESCRIPTIVE RESIDENTIAL WOOD DECK GUIDE (REV 5/13) BY THE AMERICAN WOOD COUNCIL

ALL SCREWS, BOLTS AND NAILS FOR USE WITH PRESSURE TREATED WOOD SHALL BE HOT DIPPED ZINC COATED GALVANIZED STEEL OR STAINLESS STEEL

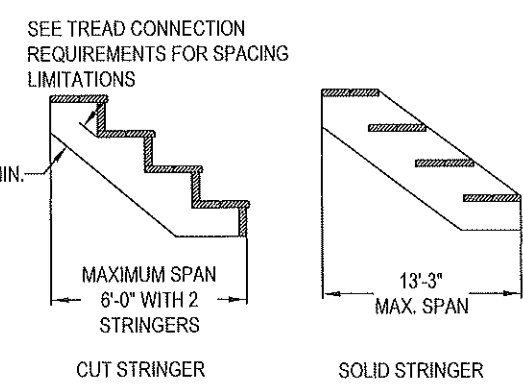
NOTE: THIS PLANS WERE DESIGNED WITH AND REQUIRED THAT ALL LUMBER MUST BE MINIMUM RATED SPF #2 OR BETTER PRESSURE TREATED PER AWWA (AMERICAN WOOD PROTECTION ASSOCIATION) STANDARDS



STAIR STRINGER BEARING AT GRADE DETAIL



STAIR STRINGER ATTACHMENT DETAIL



STAIR STRINGER REQUIREMENTS ALL STRINGERS SHALL BE A MINIMUM OF 2X10



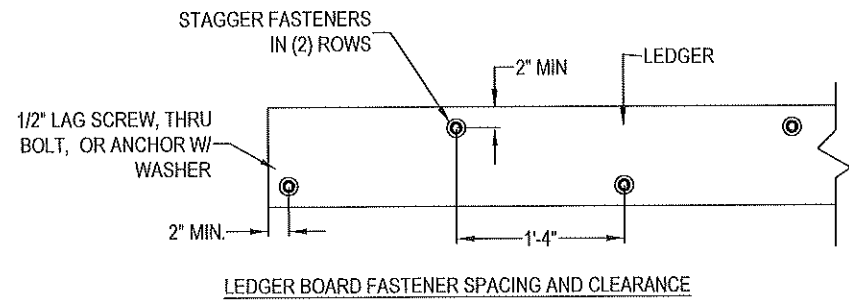
LOCATION  
GDI - PHILADELPHIA  
268 DUNKSFERRY ROAD  
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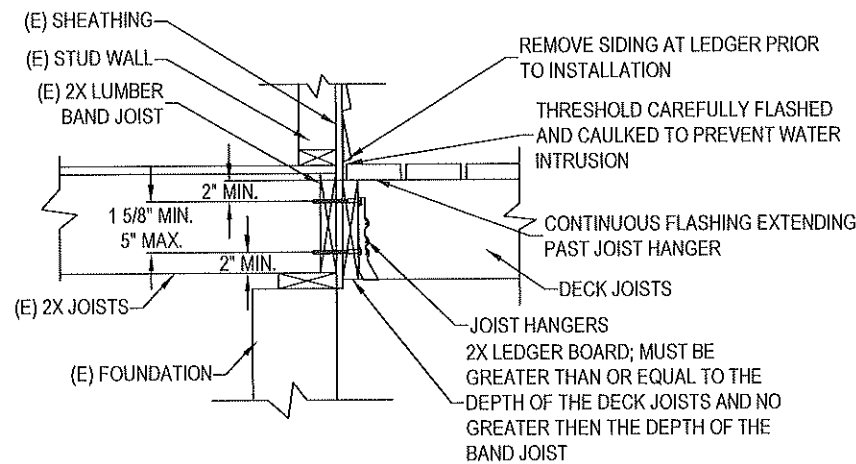
DATE	11/1/19
DRAWN	ZMS
SCALE	1/4" = 1'-0"
SHEET	7 OF 10

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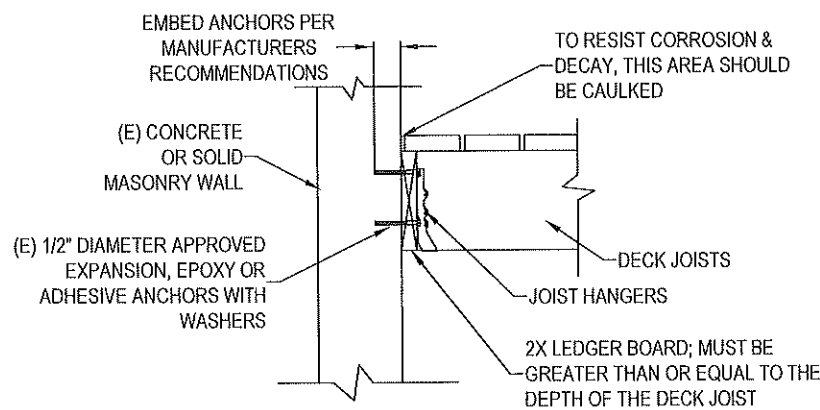
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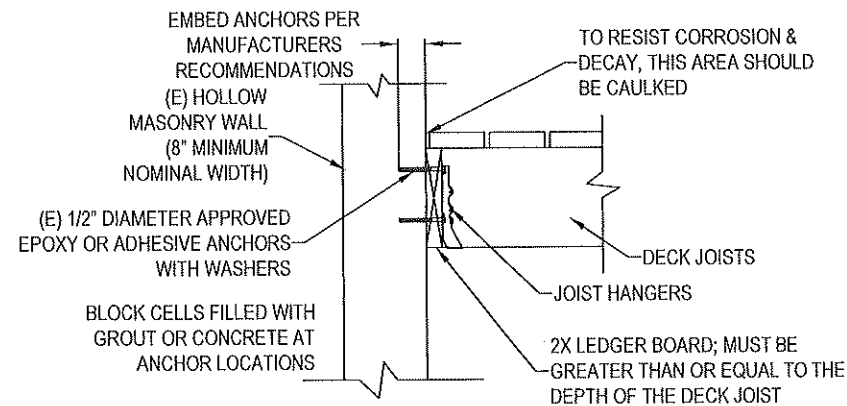
LEDGER BOARD FASTENER SPACING AND CLEARANCE



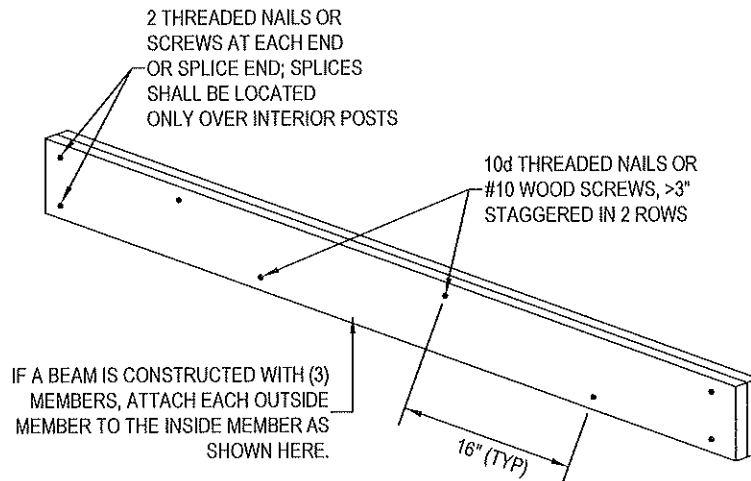
LEDGER BOARD ATTACHMENT DETAIL - BAND JOIST



LEDGER BOARD ATTACHMENT DETAIL - CONCRETE OR SOLID MASONRY WALL

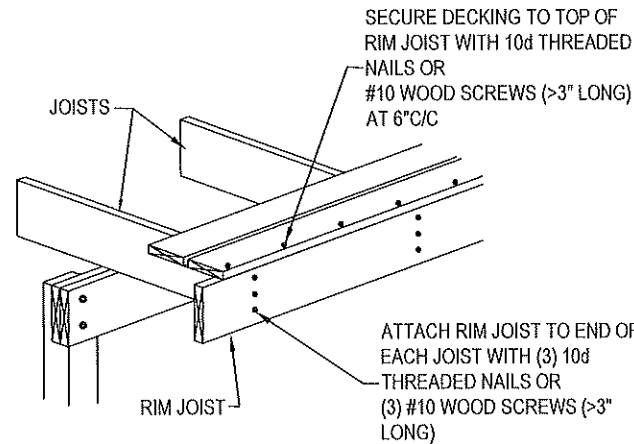


LEDGER BOARD ATTACHMENT DETAIL - HOLLOW MASONRY WALL

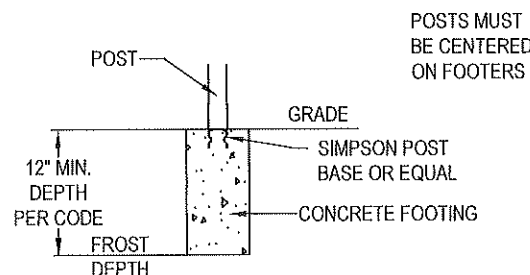


IF A BEAM IS CONSTRUCTED WITH (3) MEMBERS, ATTACH EACH OUTSIDE MEMBER TO THE INSIDE MEMBER AS SHOWN HERE.

BEAM ASSEMBLY DETAIL

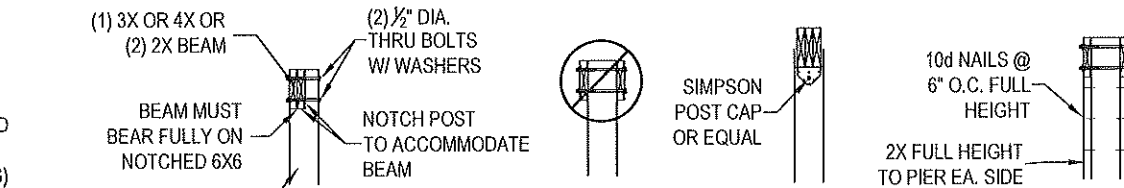


RIM JOIST ATTACHMENT DETAIL

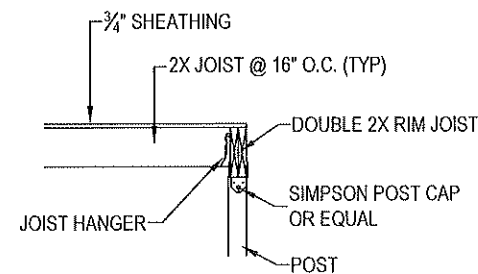


FOOTINGS MUST BEAR ON SOLID GROUND

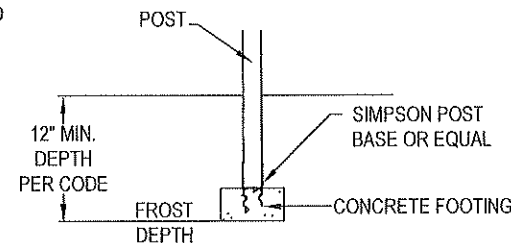
POST & FOOTER DETAIL



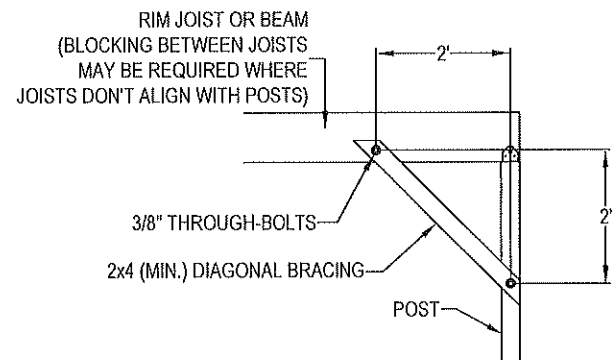
POST TO BEAM DETAIL



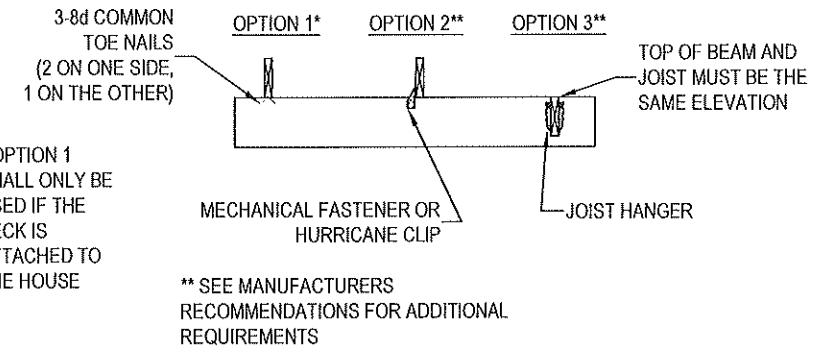
RIM JOIST DETAIL



CUT ENDS OF POSTS SHALL BE FIELD TREATED WITH AN APPROVED PRESERVATIVE



DIAGONAL BRACE DETAIL



\* OPTION 1 SHALL ONLY BE USED IF THE DECK IS ATTACHED TO THE HOUSE

\*\* SEE MANUFACTURERS RECOMMENDATIONS FOR ADDITIONAL REQUIREMENTS

JOIST TO BEAM DETAIL



LOCATION

GDI - PHILADELPHIA  
288 DUNKSFERRY ROAD  
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JOB #40356

DATE

11/1/19

DRAWN

ZMS

SCALE

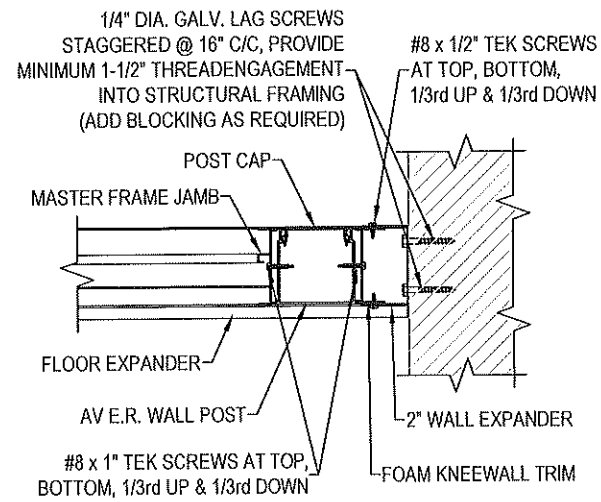
1/4" = 1'-0"

SHEET

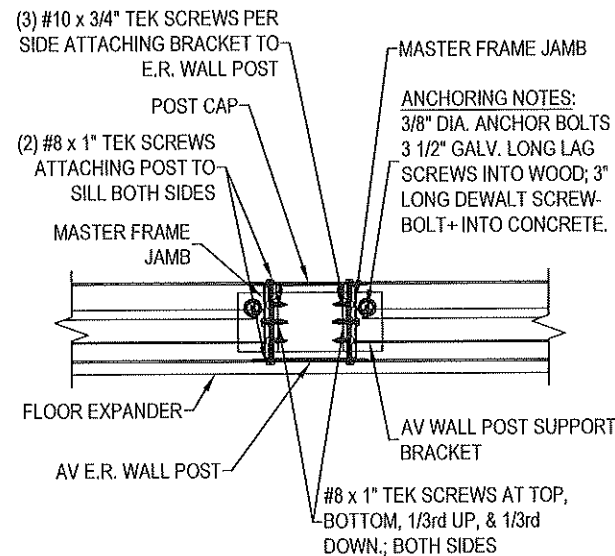
8 OF 10

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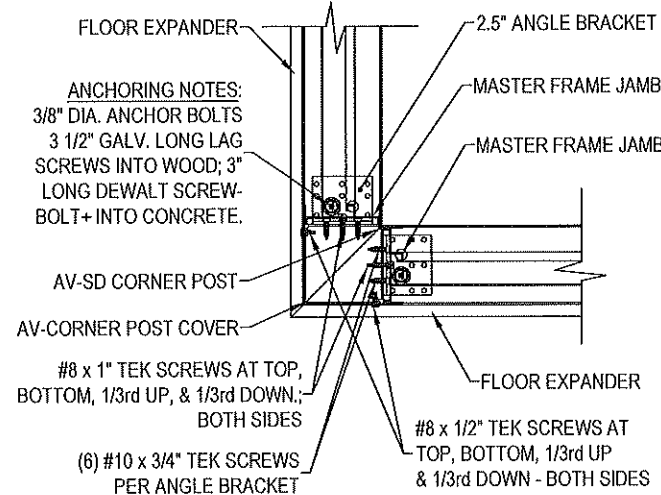
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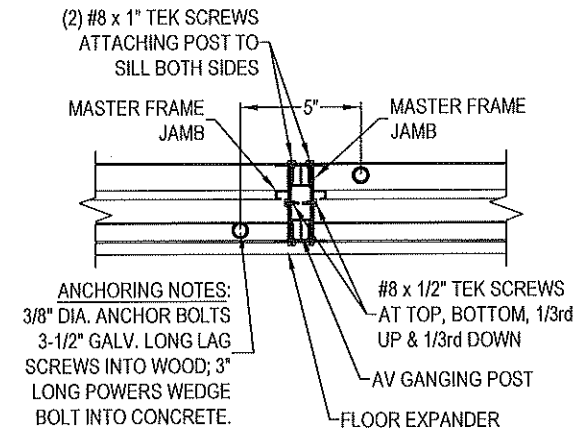
PLAN VIEW OF MASTER FRAME JAMB & AV E.R. WALL POST CONNECTION @ EXISTING WALL



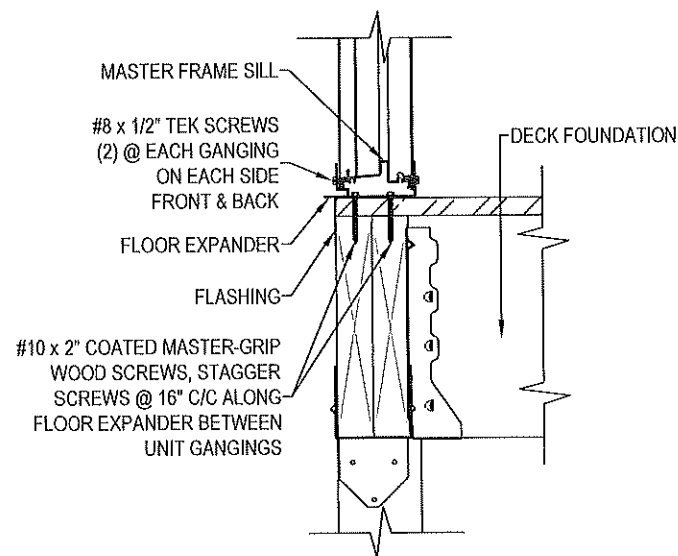
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ AV E.R. WALL POST



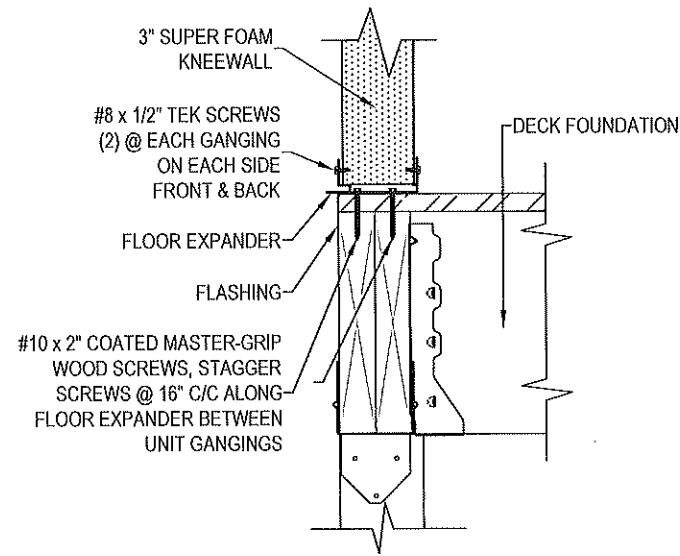
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ CORNER POST



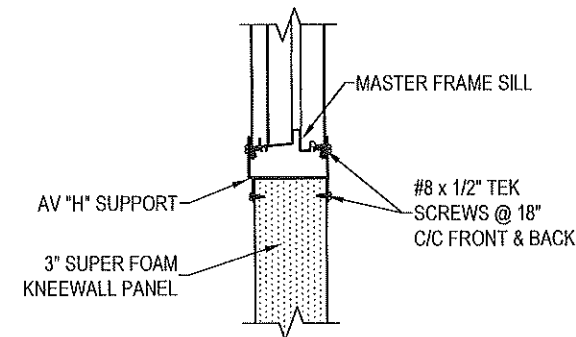
PLAN VIEW OF MASTER FRAME JAMBS CONNECTION @ GANGING POST



SECTION THROUGH MASTER FRAME SILL CONNECTION @ DECK FOUNDATION



SECTION THROUGH FOAM KNEEWALL CONNECTION @ DECK FOUNDATION



SECTION THROUGH MASTER FRAME SILL CONNECTION @ FOAM KNEEWALL



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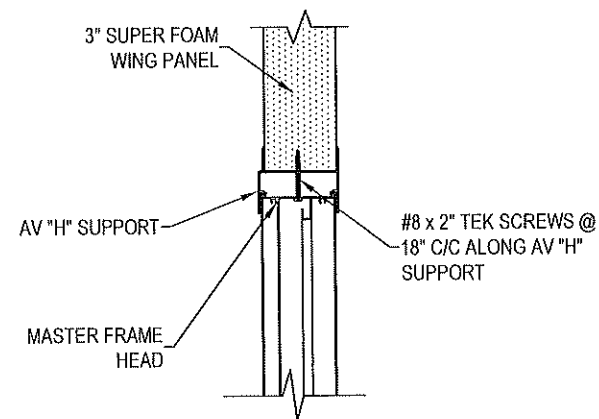
DRAWN  
ZMS

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

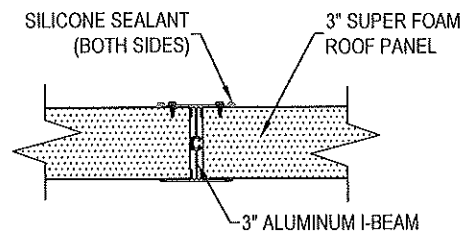
SHEET  
9 OF 10

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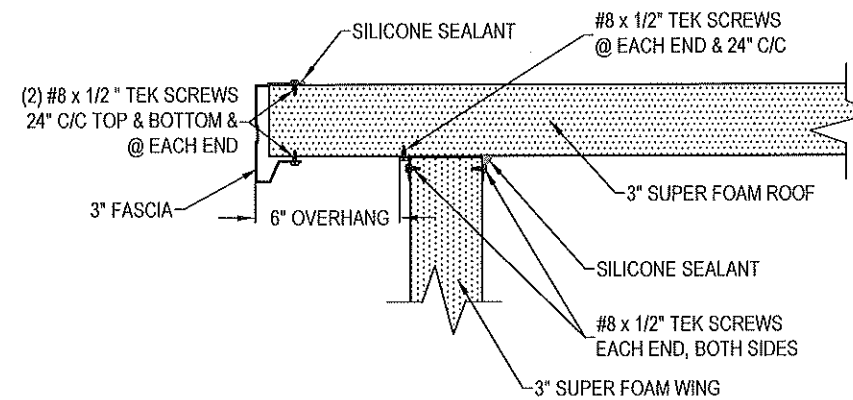
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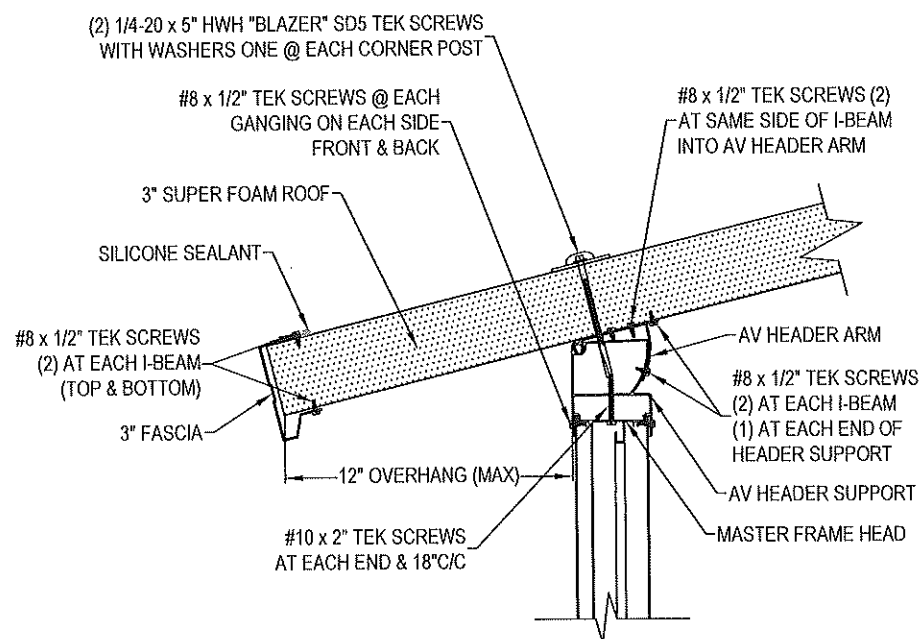
SECTION THROUGH MASTER FRAME HEAD CONNECTION @ FOAM WING



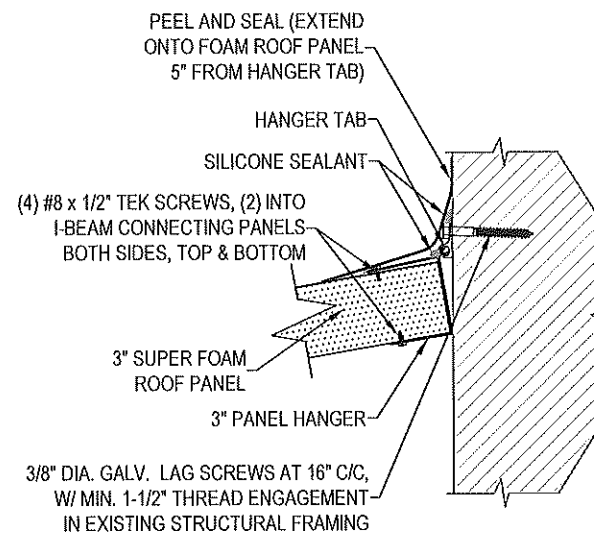
SECTION THROUGH 3" ROOF CONNECTION @ I-BEAM



SECTION THROUGH 3" SUPER FOAM ROOF PANEL CONNECTION @ 3" SUPER FOAM WING PANEL



SECTION THROUGH MASTER FRAME & HEADER CONNECTION @ 3" SUPER FOAM ROOF



SECTION THROUGH 3" SUPER FOAM ROOF & PANEL HANGER ASSEMBLY CONNECTION @ EXISTING WALL



LOCATION

GDI - PHILADELPHIA  
268 DUNKSFERRY ROAD  
BENSLEM, PA 19020  
215-245-1100

GORDY & CINDI COMBS  
605 N DERBY AVENUE  
VENTNOR CITY, N.J. 08406  
JOB #40356

DATE  
11/1/19

DRAWN  
ZMS

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

SHEET  
10 OF 10

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