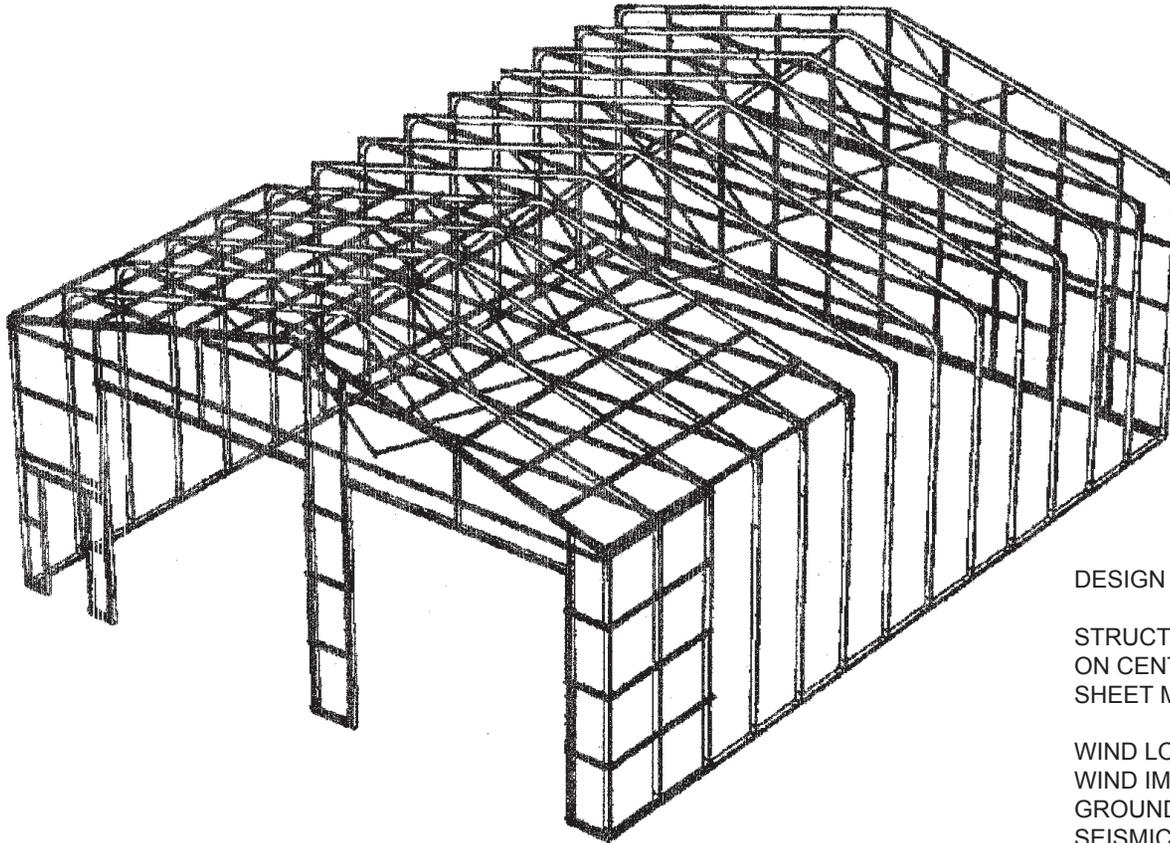


SHEET METAL PANELS NOT SHOWN
NOT ALL PURLINS AND GIRTS ARE SHOWN



DESIGN CRITERIA

STRUCTURE SIZE: 40' X 52' -2" X 16" FRAME 2 X 4
ON CENTER SPACING: 4'
SHEET METAL: 26GA STEEL, VERTICAL

WIND LOAD: 85 MPH, V35, EXPOSURE (C)
WIND IMPORTANCE FACTOR: 1
GROUND SNOW LOAD: 31 PSF
SEISMIC CATEGORY: D-1

CODE COMPLIANCE: 1BC 2006

PROJECT:

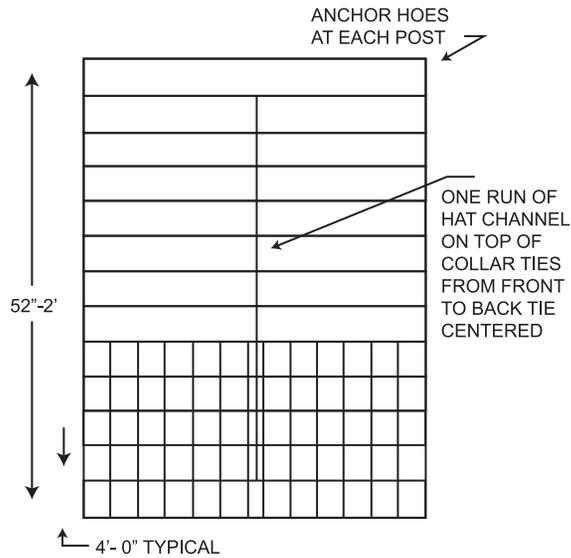
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DATE:

**SHEET METAL PANELS NOT SHOWN
NOT ALL PURLINS AND GIRTS ARE SHOWN**



MATERIALS:

SIDE POST, RAFTERS, PEAKS, DOOR HEADERS, DOOR JAMBS
BASE RAILS 2' X 4" 14GA. 50 KSI STEEL, ASTM ASCO-A

END WALL COMPONENTS:
2' X 13" 15 GA 1018 STEEL, 60 KSI, ASTM A500-B

TRUSS BRACE COLLAR TIE:
2'X2" 15GA, 50 KSI STEEL, ASTM A500-A

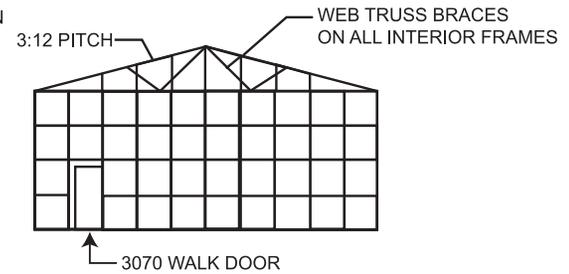
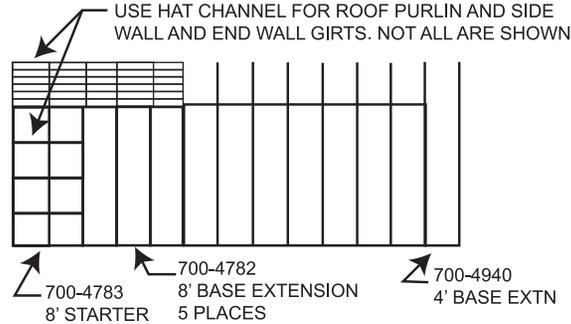
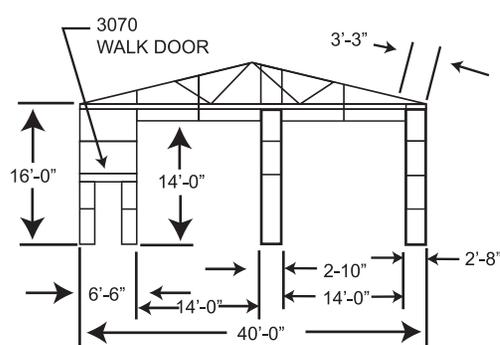
TRUSS BRACE WEB MEMBERS:
1" X 1" 16GA, 50 KSI STEEL, ASTM A500-A

HAT CHANNEL: 18GA, 50 KSI STEEL, ASTM A500-A

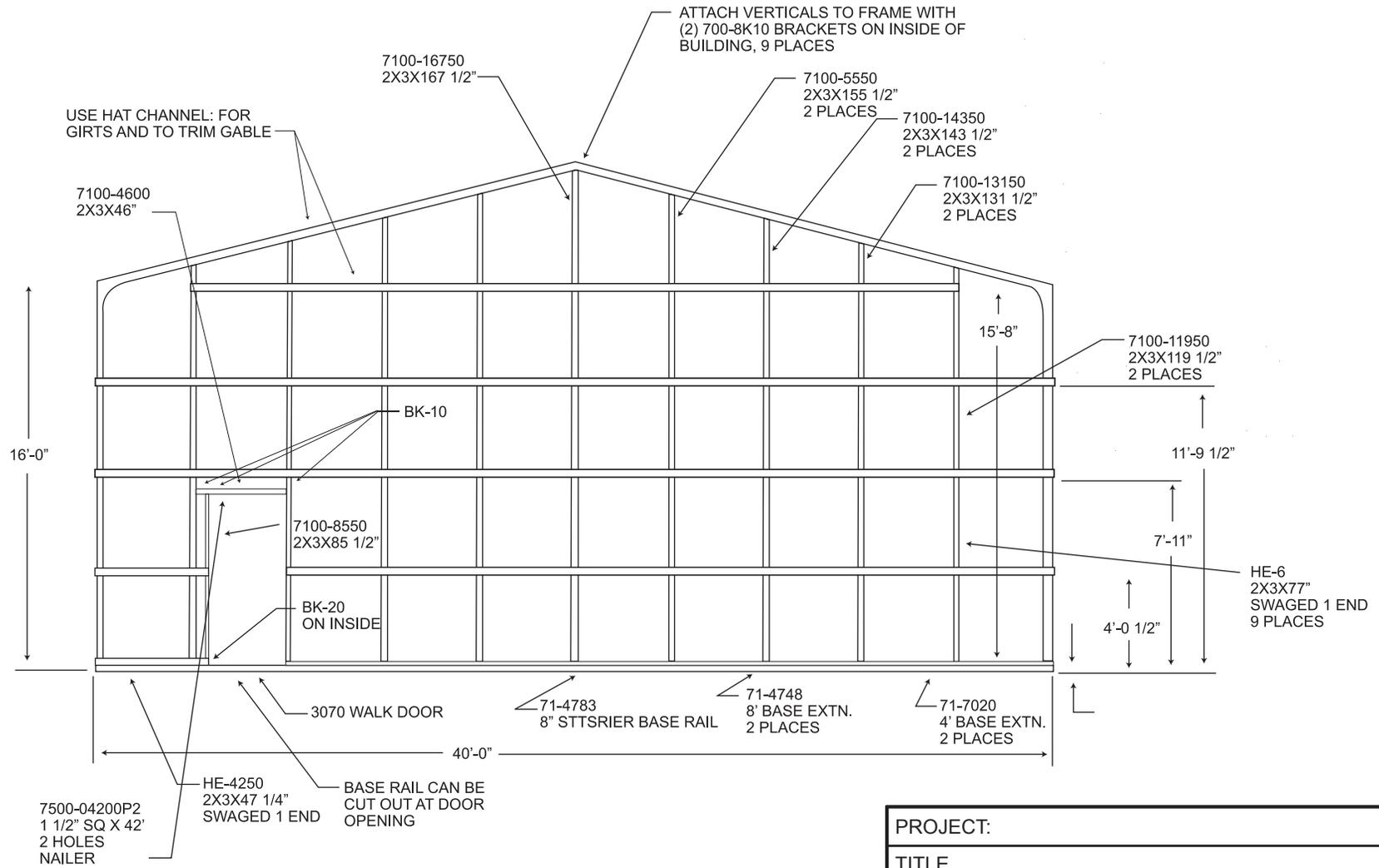
BRACKETS:
COLLAR TIE, END WALL VERTICLE: 15GA, 50 KSI STEEL, ASTM A500-A
BK-10 ANGLE BRACKETS: 12GA, 50 KSI STEEL, ASTM A500-A
BASE PLATES: 3/16" HR STEEL

SHEET METAL: 29 GA, 80 KSI STEEL
ALLOWABLE WIND PRESSURE LOAD ON 4' CENTERS: 37 PSF
ALLOWABLE GRAVITY LOAD ON 3' CENTERS: 50 PSF
CAN BE INCREASED BY 1/3 FOR WIND LOADING.
PANELS ARE CLASS (A) FIRE RATED

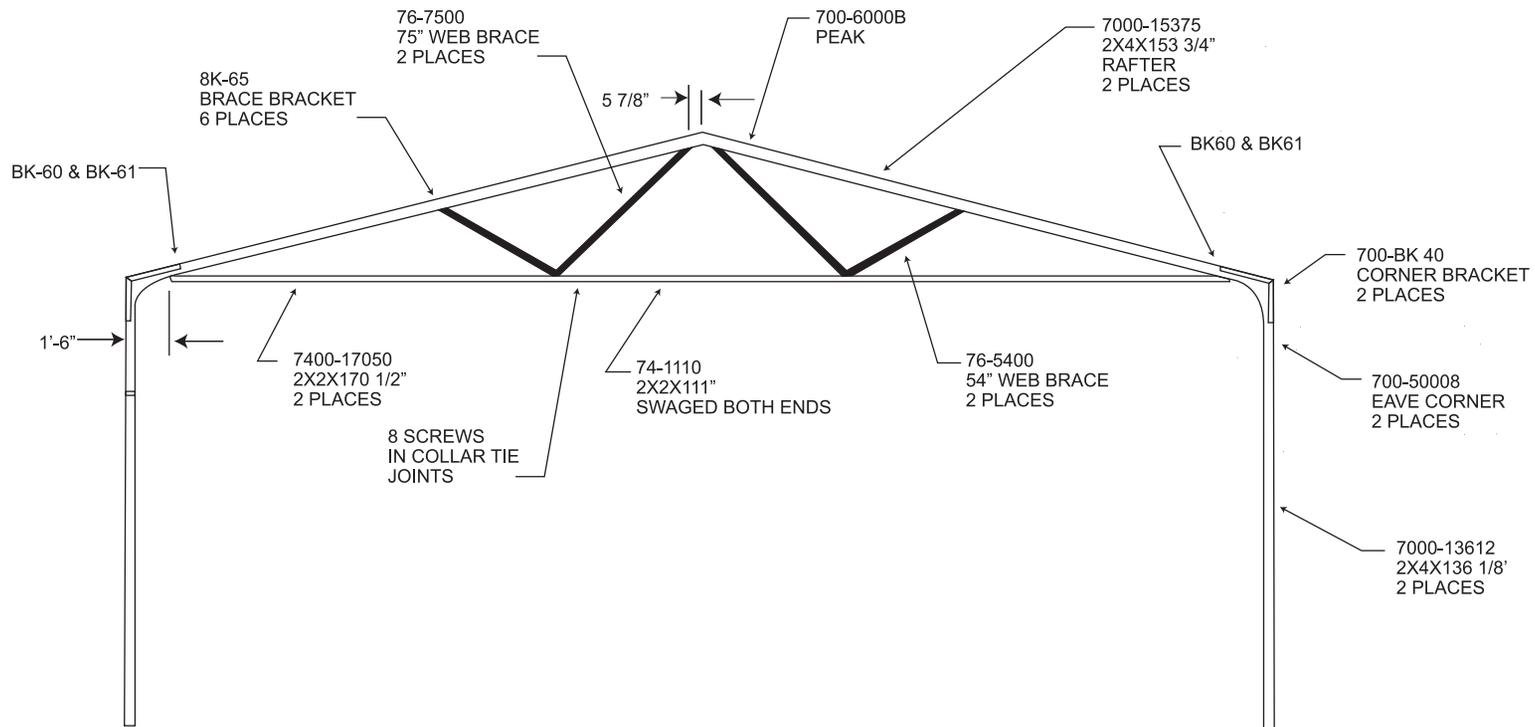
SHEET METAL PANELS ARE VERTICLE, NOT SHOWN.



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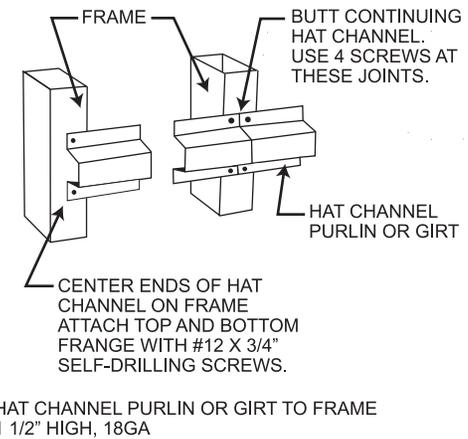
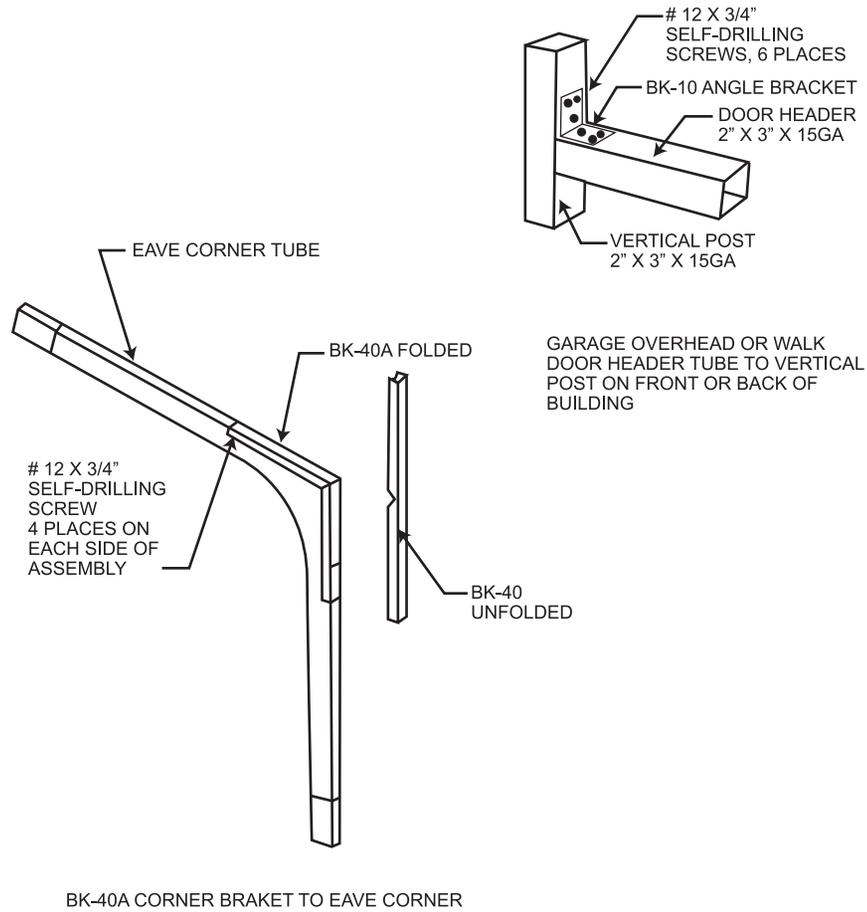


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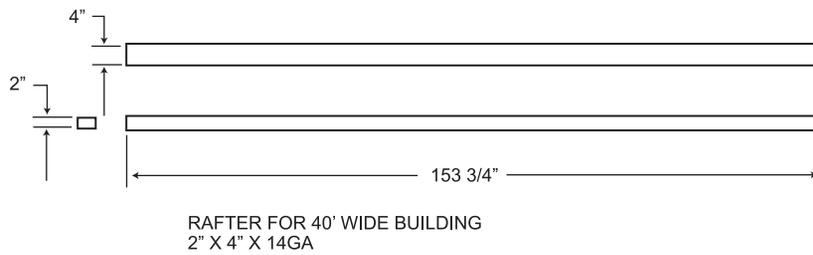
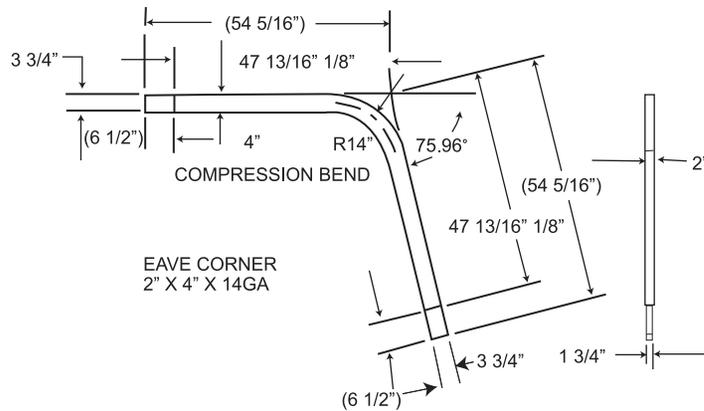
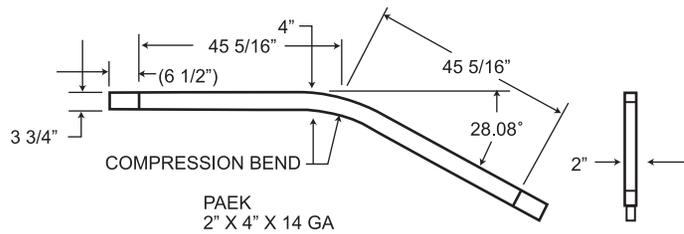


BASE RAILS ARE NOT SHOWN

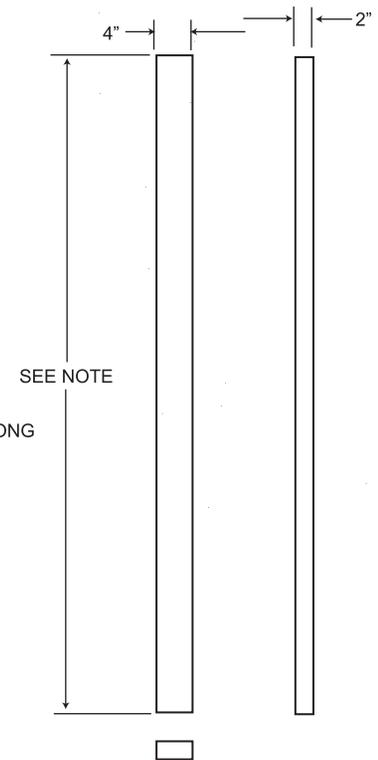
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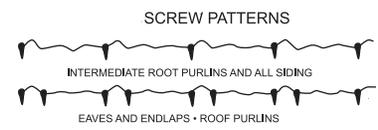
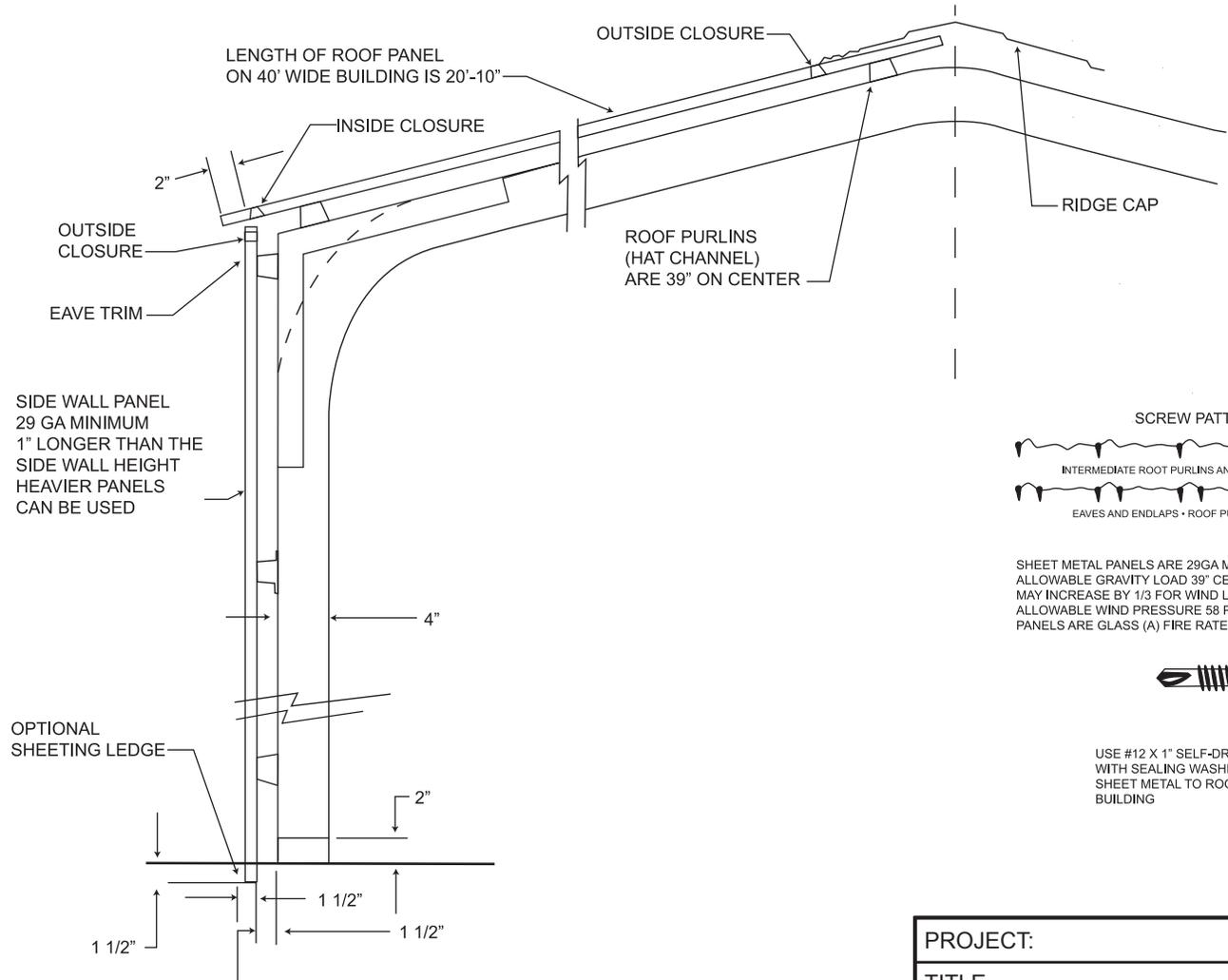
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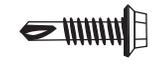
SIDE POST FO
 10' BUILDING 64 1/8" LONG
 12' BUILDING 88 1/8"
 14' BUILDING 112 1/8"
 16' BUILDING 136 1/8"



PROJECT:	
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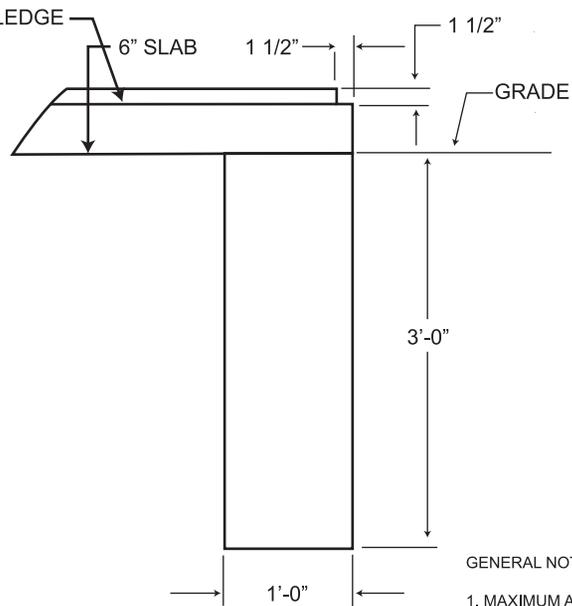
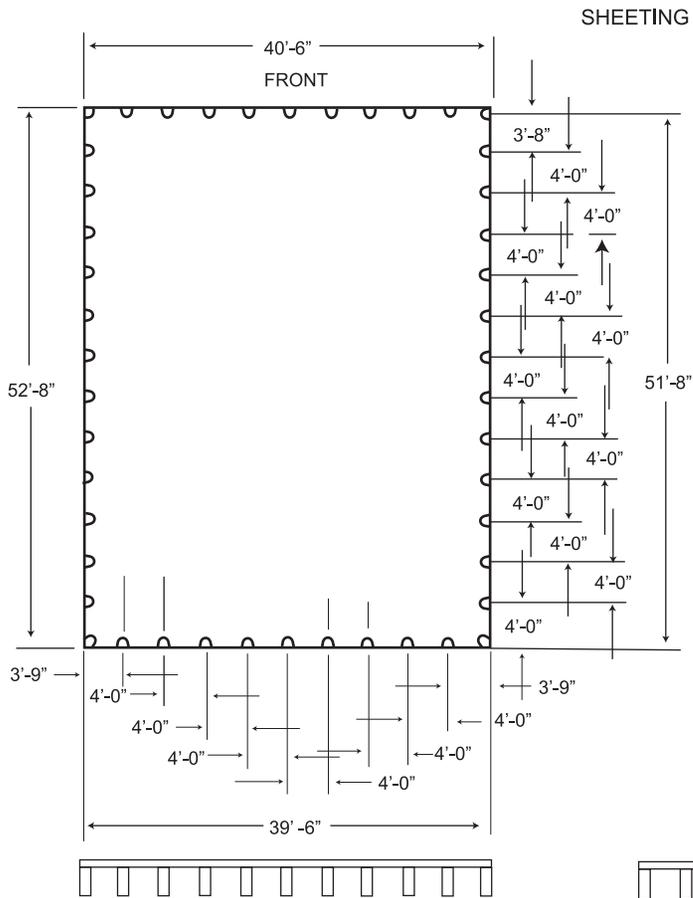


SHEET METAL PANELS ARE 29GA MINIMUM 80 KST STEEL
 ALLOWABLE GRAVITY LOAD 39" CENTERS 45 PSF
 MAY INCREASE BY 1/3 FOR WIND LOADING
 ALLOWABLE WIND PRESSURE 58 PSF
 PANELS ARE GLASS (A) FIRE RATED



USE #12 X 1" SELF-DRILLING SCREWS WITH SEALING WASHERS TO FASTEN SHEET METAL TO ROOF AND SIDES OF BUILDING

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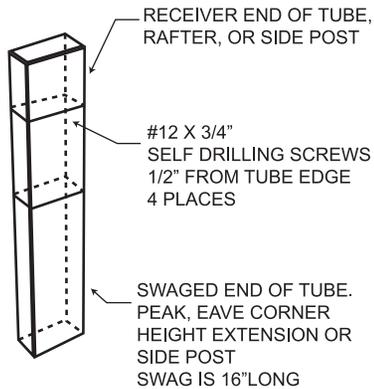


DETAIL A
SCALE 1 : 10

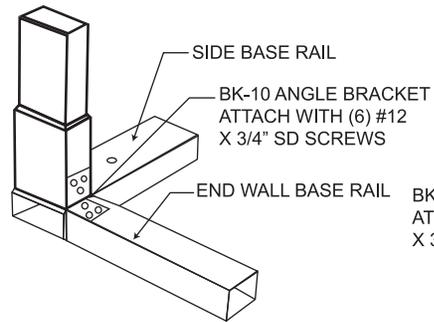
GENERAL NOTES:

1. MAXIMUM ALLOWABLE SOIL BEARING PRESSURE IS AS FOLLOWS: 1000 PSF MINIMUM OWNER TO VERIFY THAT SOIL IS STABLE AND COMPACTED TO A MINIMUM OF 90% RELATIVE OPTIMUM VALUE
 2. MAXIMUM SIZE AGGREGATE SHALL BE AS FOLLOWS: 1" DIA
 3. MINIMUM COMPRESSION STRENGTH OF CONCRETE AT 28 DAYS SHALL BE AS FOLLOWS: 3000 PSI
- MONO POUR SLABS WITH PIERS
3000 PSI CONCRETE, FIBER REINFORCED.

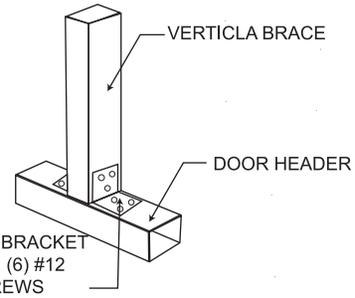
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SWAG JOINT DETAIL (TYPICAL)
 RAFTER TO PEAK AND EAVE CORNER,
 SIDE POST TO HEIGHT EXTENSION OR
 BASE RAIL PIN OR EAVE CORNER

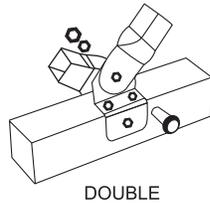
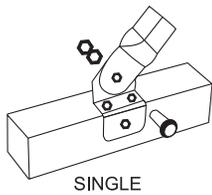


END WALL BASE RAIL TO SIDE BASE RAIL PIN



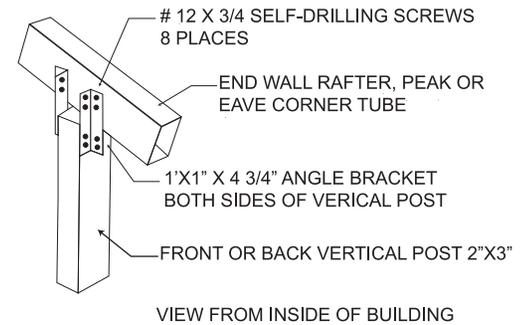
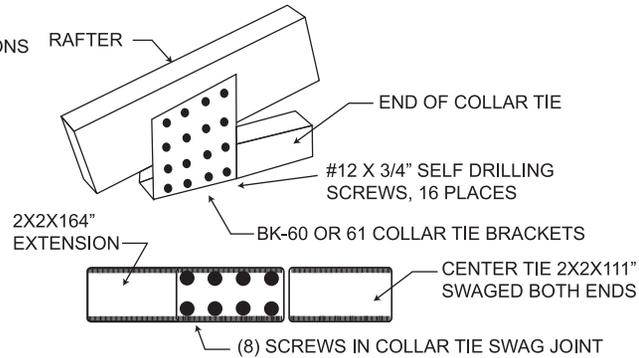
VERTICAL SUPPORT OVER GARAGE DOOR
 2 BRACKETS FOR CENTER BRACE, ONE FOR
 ADDITIONAL BRACES

WEB BRACE, KNEE BRACE AND COLLAR TIE CONNECTIONS



ATTACH BK-65 BRACE BRACKET TO RAFTER, PEAK, EAVE CORNER OR COLLAR TIE WITH (3) #12 X 3/4" SELF-DRILLING SCREWS. FASTEN THE FLATTENED AND PIERCED END OF WEB (ANGLED) BRACES TO BRACKET WITH 3/8" X 1 1/4" HEX BOLT, 3/8" SPLIT LOCK WASHER AND HEX NUT.

NOTE: DO NOT TIGHTEN BOLT JOINT UNTIL BRACKETS ARE ALL IN PLACE



DETAIL OF FRONT OR BACK (GABLE END) VERTICAL TO RAFTER, PEAK OR EAVE CORNER.

PROJECT:	
TITLE	
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