

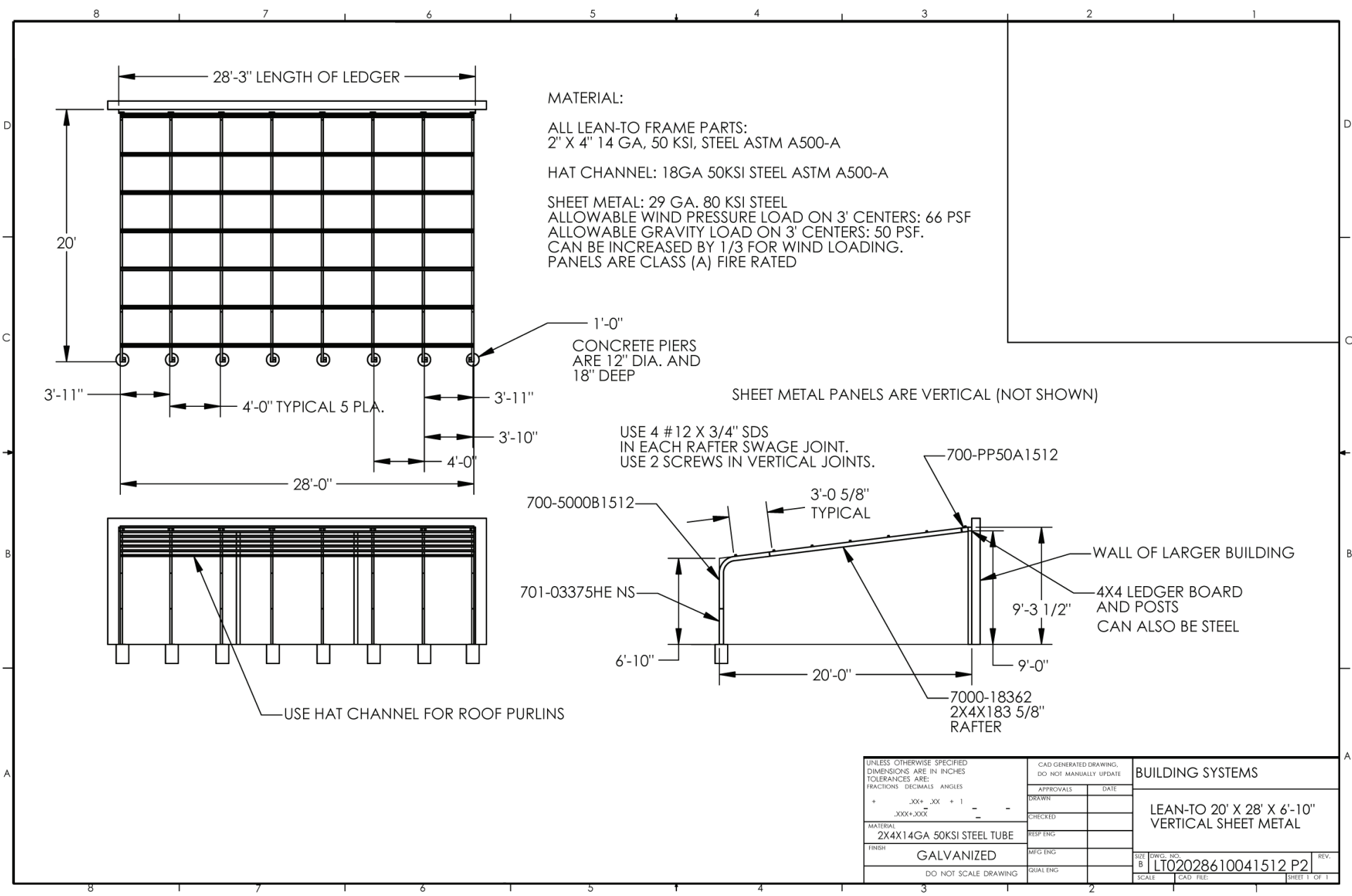
DESIGN CRITERIA:

LEAN-TO SIZE: 20' X 28' X 6'-10" FRAME
 1.5:12 PITCH, 2X4 FRAME
 ON CENTER SPACING: 4'
 VERTICAL SHEET METAL: 29 GA. STEEL
 OCCUPANCY GROUP: U-1

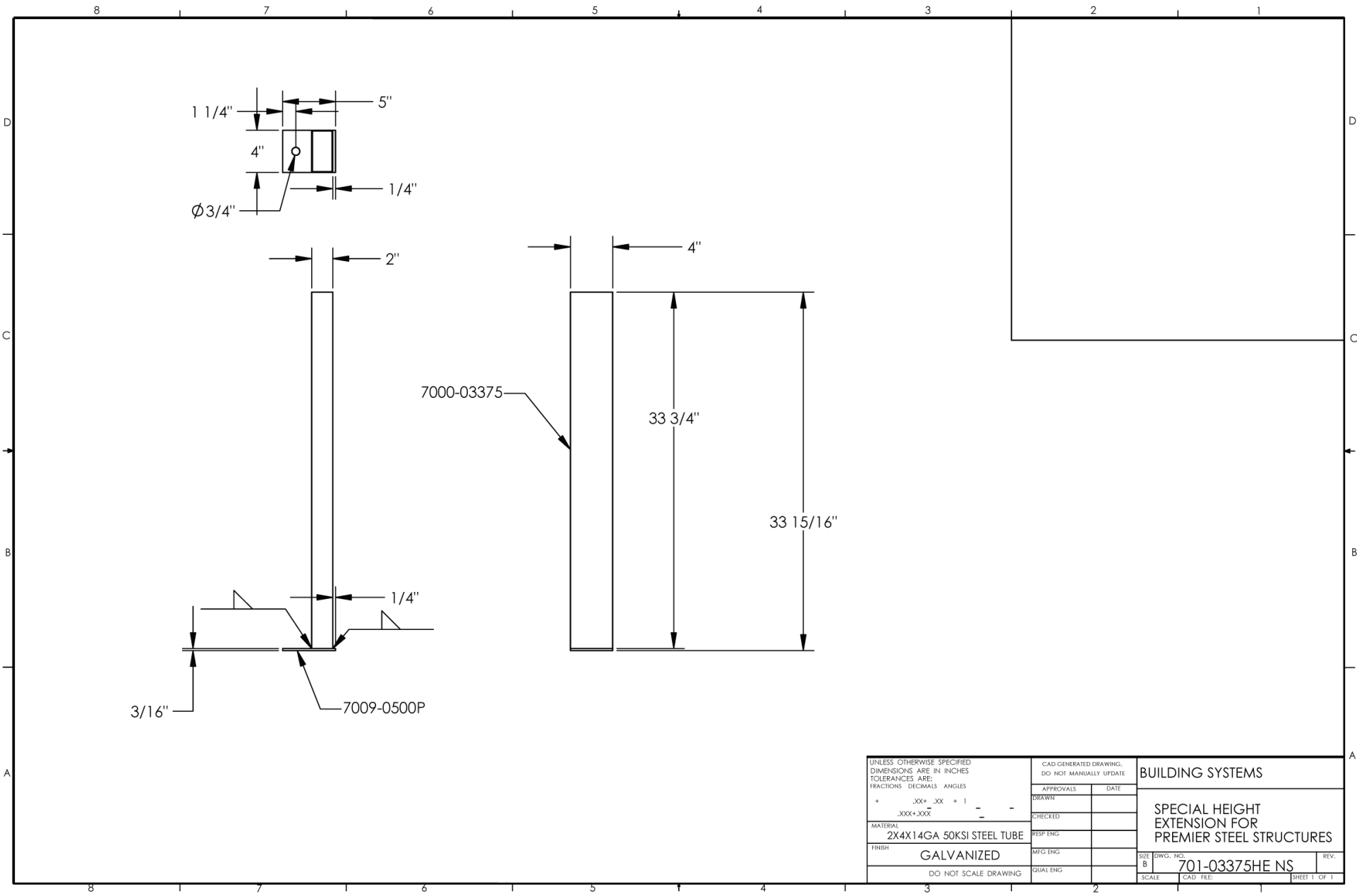
WIND LOAD: 85MPH, V3S, EXPOSURE (B)
 WIND IMPORTANCE FACTOR: 1
 ROOF LIVE LOAD: 25 PSF
 SEISMIC CATEGORY: D-1

CODE COMPLIANCE: IBC 2006

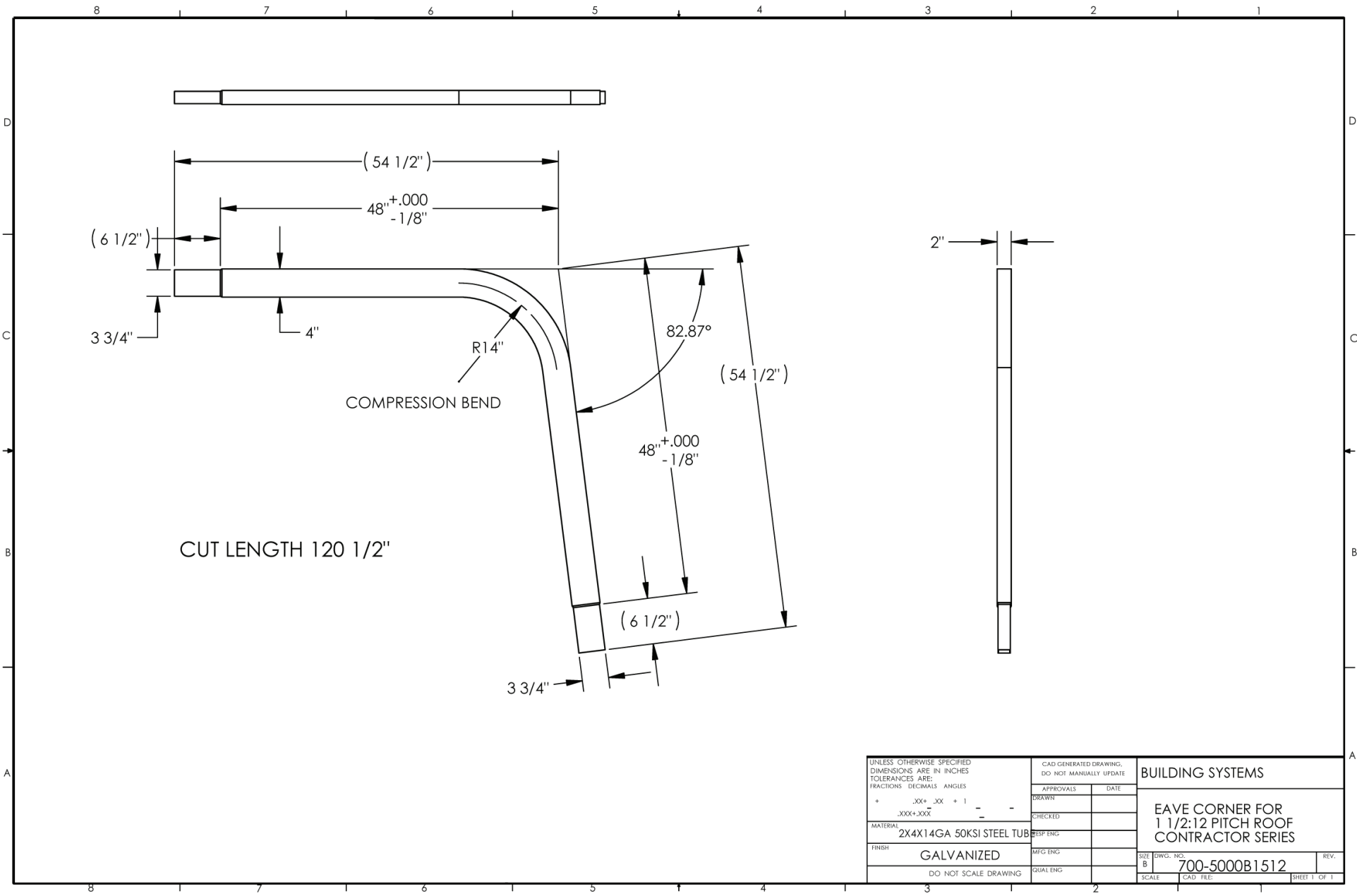
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS	
	APPROVALS	DATE	LEAN-TO 20' X 28' X 6'-10" VERTICAL SHEET METAL	
DESIGNER YOUNG	5/12/09	SIZE		
MATERIAL	---	CHECKED	B	LT-202861004 P1
FINISH	GALVANIZED	RESP. ENG.	SCALE	REV.
DO NOT SCALE DRAWING		MFG. ENG.	CAD. FILE:	SHEET 1 OF 1
		QUAL. ENG.		



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - .XXX+.XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS	
	APPROVALS	DATE	LEAN-TO 20' X 28' X 6'-10" VERTICAL SHEET METAL	
	DRAWN			
	CHECKED			
MATERIAL: 2X4X14GA 50KSI STEEL TUBE	RESP ENG		SIZE DWG. NO. B LT02028610041512 P2	REV.
FINISH: GALVANIZED	MFG ENG		SCALE	CAD FILE
DO NOT SCALE DRAWING	QUAL ENG		SHEET 1 OF 1	



UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - - .XXX+ .XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS		
	APPROVALS	DATE	SPECIAL HEIGHT EXTENSION FOR PREMIER STEEL STRUCTURES		
DRAWN		SIZE DWG. NO.			REV.
CHECKED		B			701-03375HE NS
MATERIAL 2X4X14GA 50KSI STEEL TUBE	RESP ENG		SCALE	CAD FILE	
FINISH GALVANIZED	MFG ENG			SHEET 1 OF 1	
DO NOT SCALE DRAWING	QUAL ENG				

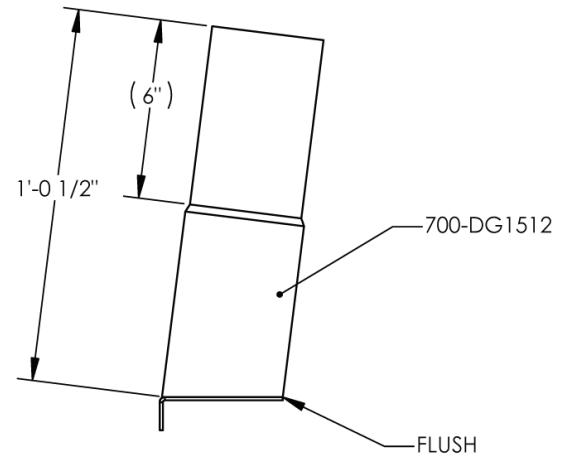
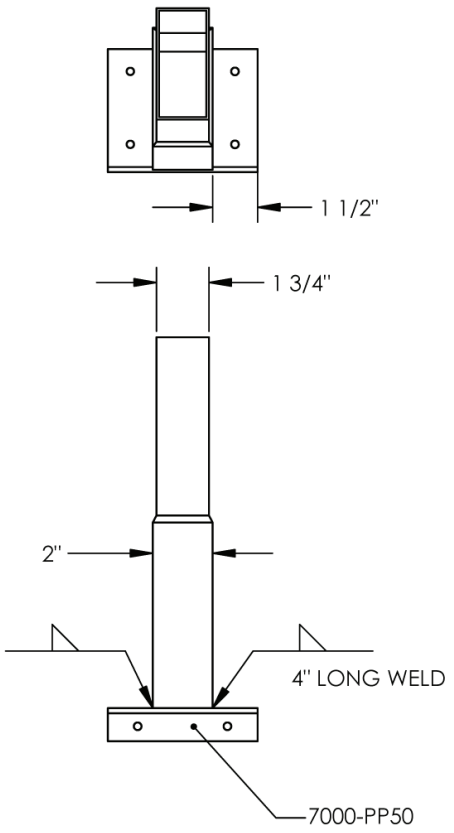


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - * .XXX+.XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS	
	APPROVALS	DATE	EAVE CORNER FOR 1 1/2:12 PITCH ROOF CONTRACTOR SERIES	
DRAWN				
CHECKED				
MFG ENG				
MATERIAL 2X4X14GA 50KSI STEEL TUB	MFG ENG		SIZE DWG. NO. B 700-5000B1512	REV.
FINISH GALVANIZED	QUAL ENG		SCALE	CAD FILE
DO NOT SCALE DRAWING				SHEET 1 OF 1

8 7 6 5 4 3 2 1

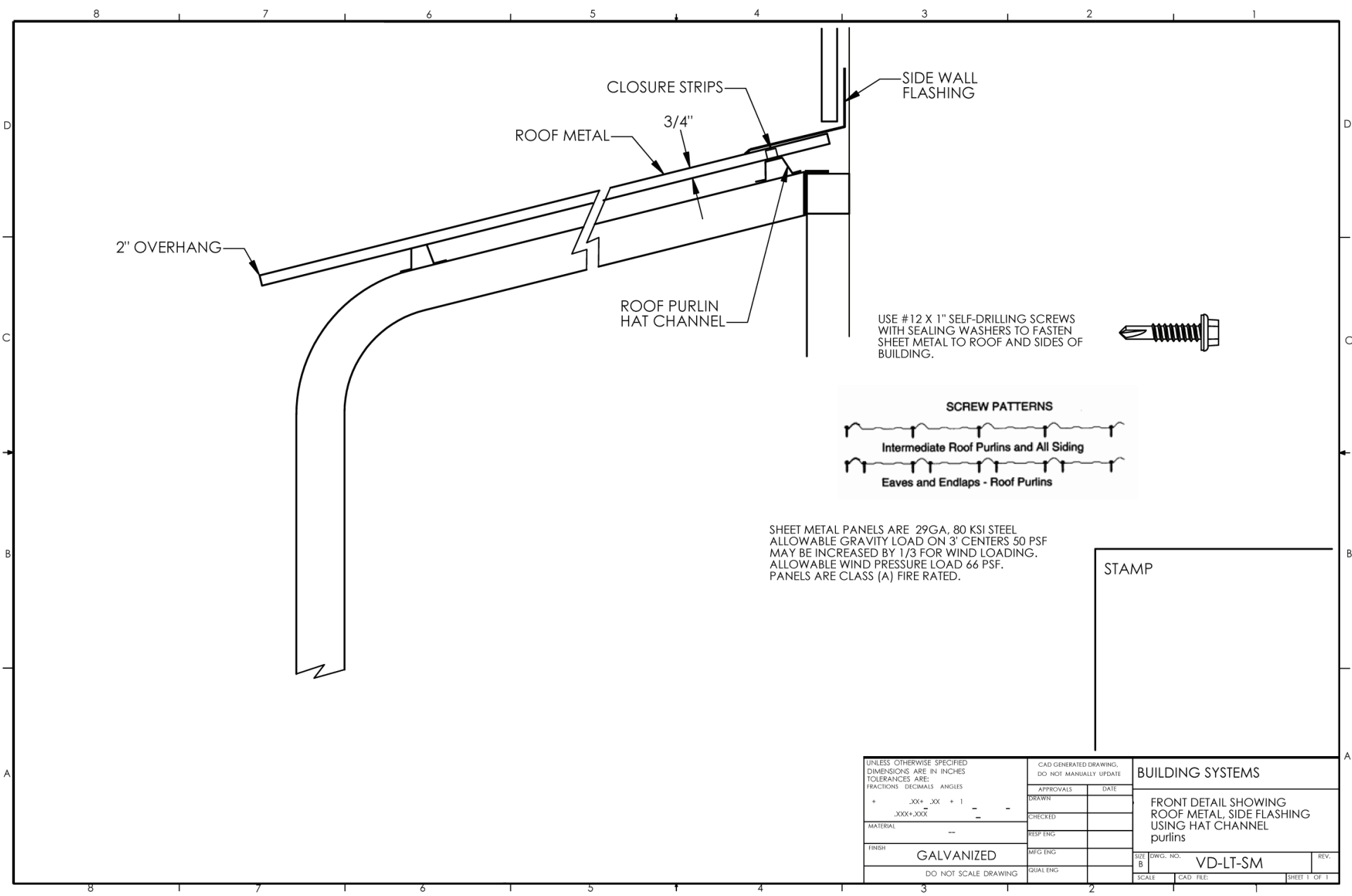
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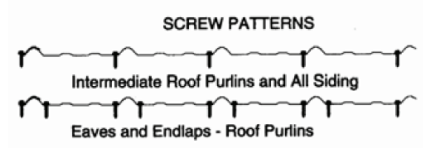
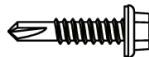


UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - + .XXX+.XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS		
	APPROVALS	DATE	LEAN-TO PIN PLATE CONTRACTOR SERIES 1.5:12 PITCH		
DRAWN		SIZE DWG. NO.			REV.
CHECKED		B			700-PP50A1512
MATERIAL 2X4X14GA 50KSI STEEL TUBE	DESIGN ENG.		SCALE	CAD FILE	
FINISH GALVANIZED	MFG ENG.			SHEET 1 OF 1	
DO NOT SCALE DRAWING	QUAL ENG.				

8 7 6 5 4 3 2 1



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



SHEET METAL PANELS ARE 29GA, 80 KSI STEEL
 ALLOWABLE GRAVITY LOAD ON 3' CENTERS 50 PSF
 MAY BE INCREASED BY 1/3 FOR WIND LOADING.
 ALLOWABLE WIND PRESSURE LOAD 66 PSF.
 PANELS ARE CLASS (A) FIRE RATED.

STAMP

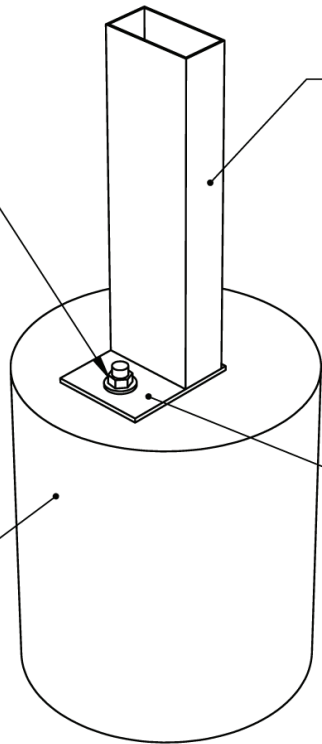
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - .XXX+.XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS	
	APPROVALS	DATE	FRONT DETAIL SHOWING ROOF METAL, SIDE FLASHING USING HAT CHANNEL purlins	
	DRAWN			
	CHECKED			
MATERIAL	REFS ENG			SIZE DWG. NO. VD-LT-SM B
FINISH GALVANIZED	MFG ENG			REV.
DO NOT SCALE DRAWING	QUAL ENG			SCALE CAD FILE SHEET 1 OF 1

5/8" X 5" CONCRETE
WEDGE ANCHOR

HEIGHT EXTENSION OR
VERTICAL POST

BASE PLATE

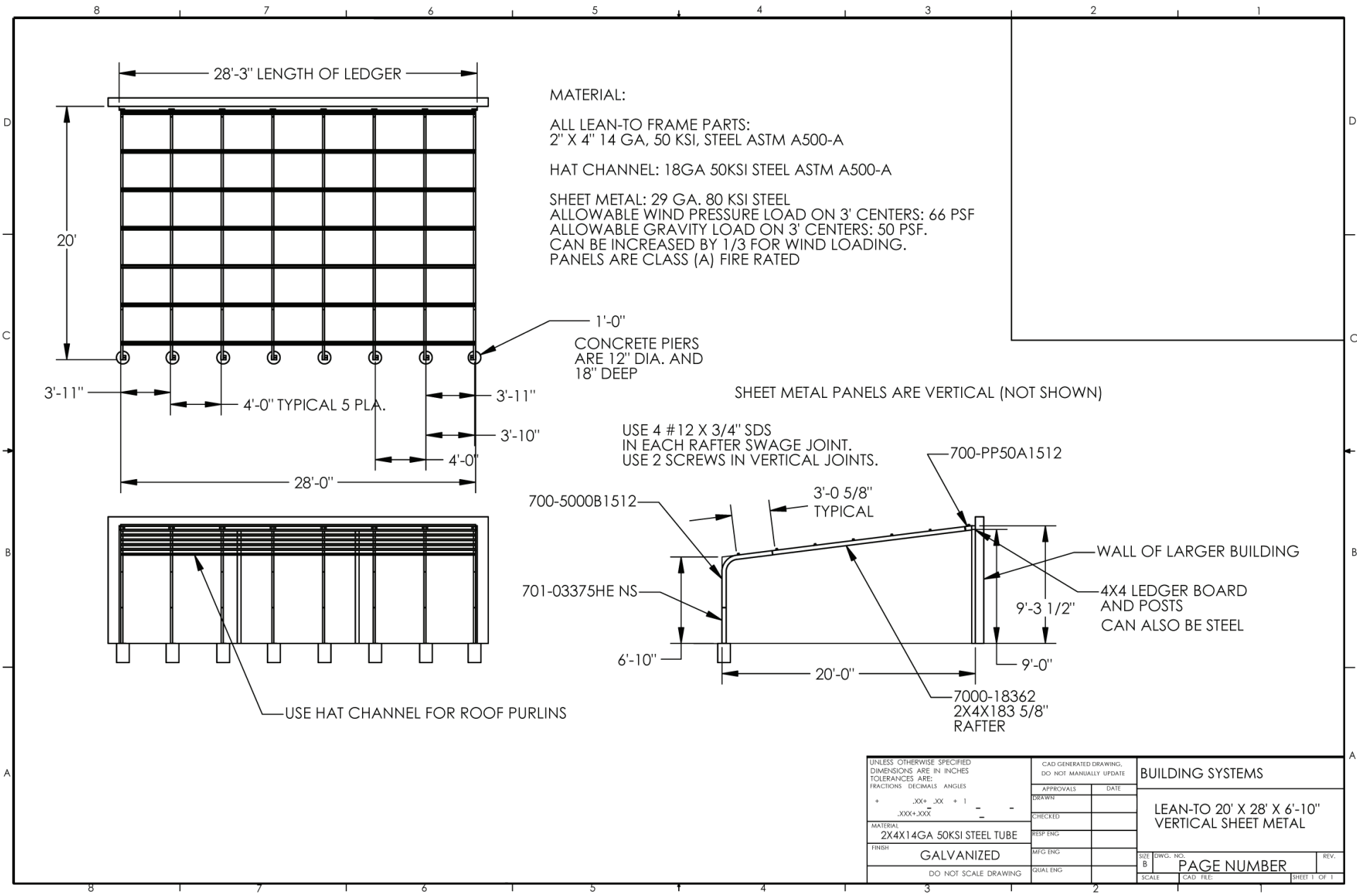
CONCRETE PIER



NOTE: CENTER THE 2" X 4" POST ON THE PIER
SQUARE WITH THE BUILDING AND ANCHOR BASE
PLATE TO PIER WITH 5/8" X 5" CONCRETE
WEDGE ANCHOR.

INSTALLATION: USING HAMMER DRILL AND A 5/8" CONCRETE DRILL
BIT, DRILL A HOLE INTO THE CONCRETE 5 1/2" DEEP.
PLACE THE FLAT WASHER ON THE BOLT AND INSTALL THE NUT UNTIL ABOUT
2 THREADS ARE EXPOSED ABOVE THE NUT.
TAP THE ANCHOR INTO THE HOLE UNTIL THE WASHER TOUCHES THE TOP OF
THE PLATE. NOW, TIGHTEN THE NUT TO 90 FT. LBS TORQUE TO SET THE ANCHOR.

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX+ .XX + 1 - - - .XXX+.XXX	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS		
	APPROVALS	DATE	ANCHOR DETAIL POST BASE PLATE TO CONCRETE PIER		
DRAWN		SIZE DWG. NO.			REV.
CHECKED		B			VD-WA TO POST
RESP ENG		SCALE			CAD FILE
MATERIAL		MFG ENG		SHEET 1 OF 1	
FINISH		QUAL ENG			
DO NOT SCALE DRAWING					



MATERIAL:

ALL LEAN-TO FRAME PARTS:
2" X 4" 14 GA, 50 KSI, STEEL ASTM A500-A

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

SHEET METAL: 29 GA. 80 KSI STEEL
ALLOWABLE WIND PRESSURE LOAD ON 3' CENTERS: 66 PSF
ALLOWABLE GRAVITY LOAD ON 3' CENTERS: 50 PSF.
CAN BE INCREASED BY 1/3 FOR WIND LOADING.
PANELS ARE CLASS (A) FIRE RATED

1'-0"
CONCRETE PIERS
ARE 12" DIA. AND
18" DEEP

SHEET METAL PANELS ARE VERTICAL (NOT SHOWN)

USE 4 # 12 X 3/4" SDS
IN EACH RAFTER SWAGE JOINT.
USE 2 SCREWS IN VERTICAL JOINTS.

700-5000B1512
701-03375HE NS

3'-0 5/8"
TYPICAL

700-PP50A1512

WALL OF LARGER BUILDING
4X4 LEDGER BOARD
AND POSTS
CAN ALSO BE STEEL

7000-18362
2X4X183 5/8"
RAFTER

USE HAT CHANNEL FOR ROOF PURLINS

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: FRACTIONS DECIMALS ANGLES + .XX + .XX + 1 - - _XXX+XXX MATERIAL: 2X4X14GA 50KSI STEEL TUBE FINISH: GALVANIZED DO NOT SCALE DRAWING	CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE		BUILDING SYSTEMS	
	APPROVALS	DATE	LEAN-TO 20' X 28' X 6'-10" VERTICAL SHEET METAL	
	DRAWN			
	CHECKED			
RESP ENG		SIZE	DWG. NO.	REV.
MFG ENG		B	PAGE NUMBER	
QUAL ENG		SCALE	CAD FILE	SHEET 1 OF 1