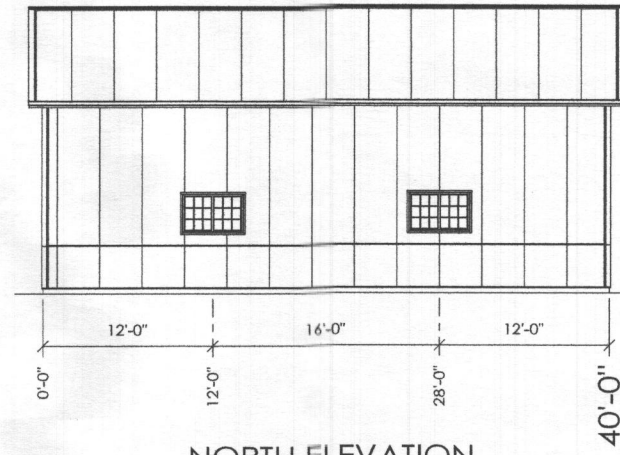


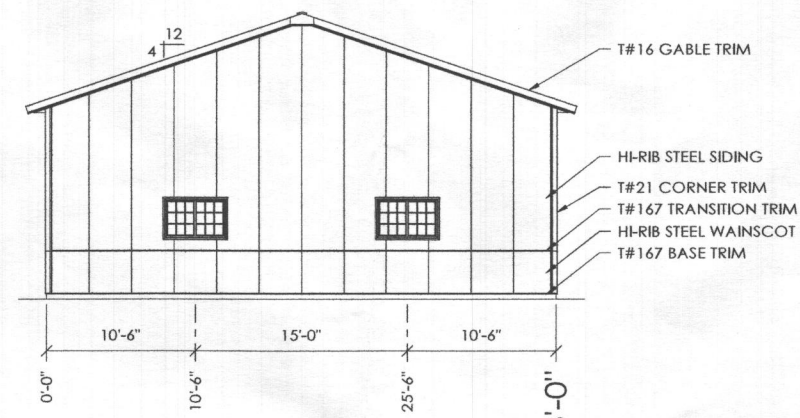
DESIGN AND EXPLANATORY NOTES

1.) EXTERIOR DOOR AND WINDOW LOCATIONS ARE TAKEN FROM THE EXTERIOR FACE OF THE NAILERS AND ARE TO THE CENTER OF THE DOOR AND WINDOW UNITS. VERIFY ALL DOOR AND WINDOW LOCATIONS WITH THE OWNER.

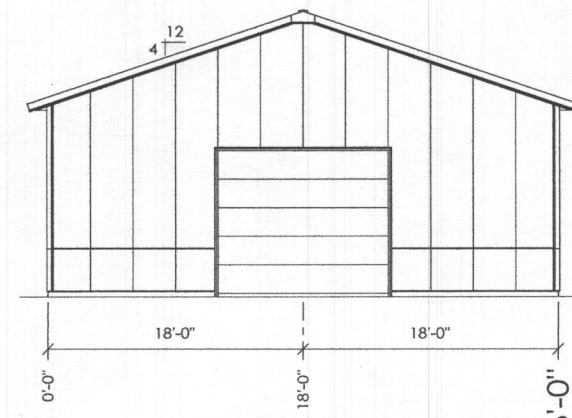
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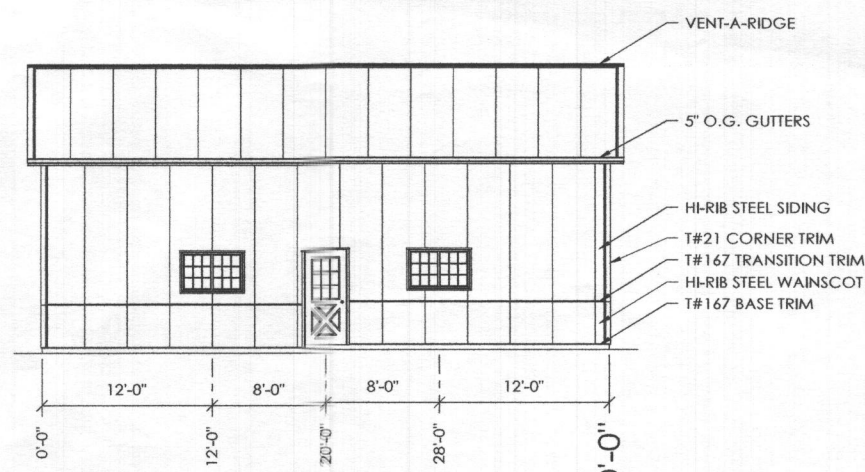
NORTH ELEVATION



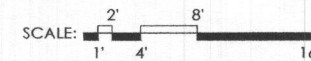
WEST ELEVATION



EAST ELEVATION



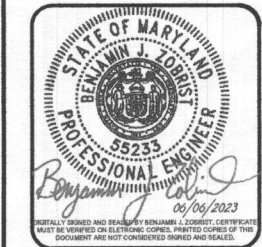
SOUTH ELEVATION



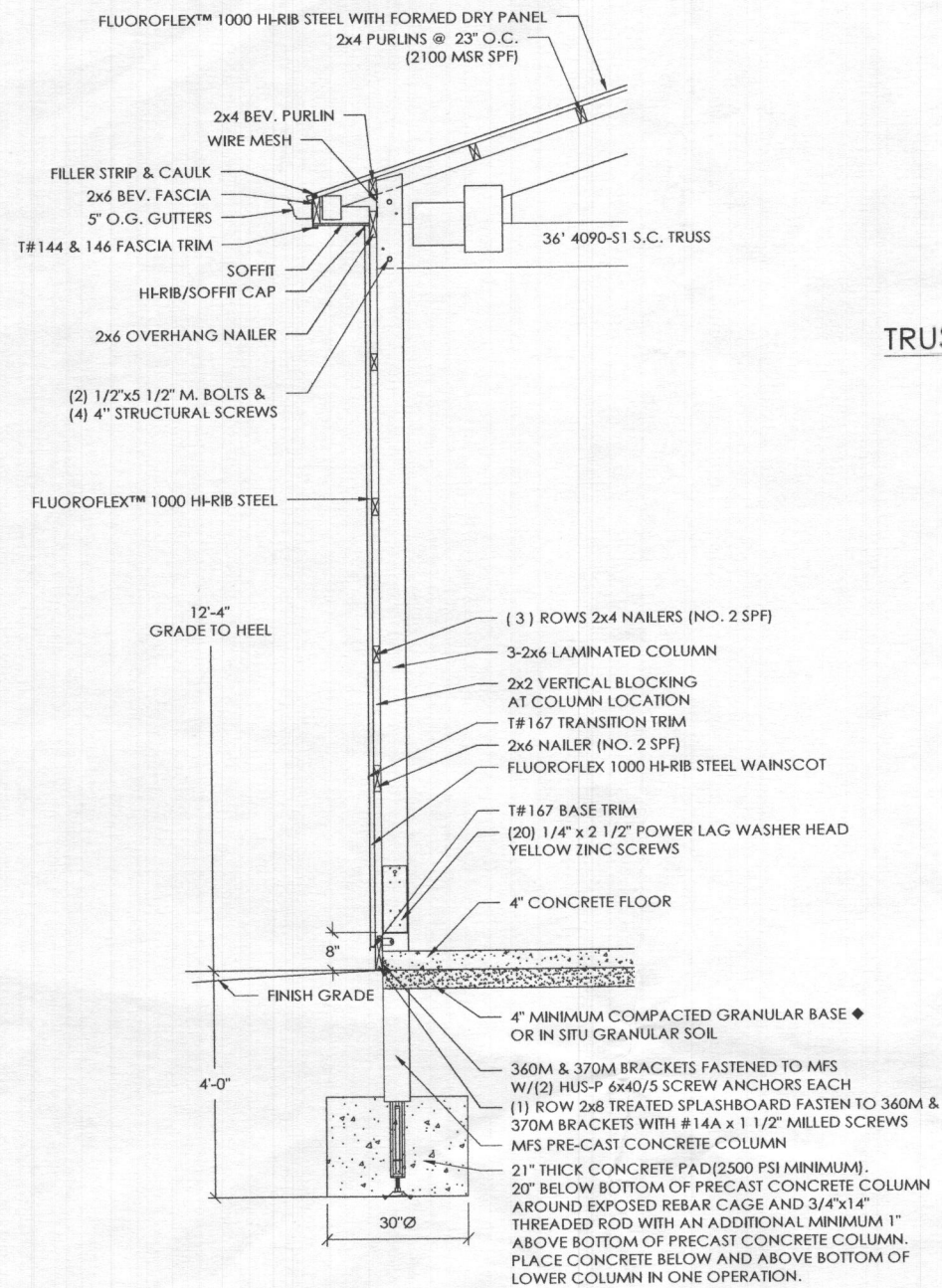
DAVID JOHNSON
WOODBINE, MD

MD
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550
PHONE NUMBER: 309-263-4105
AR CORP # 15160

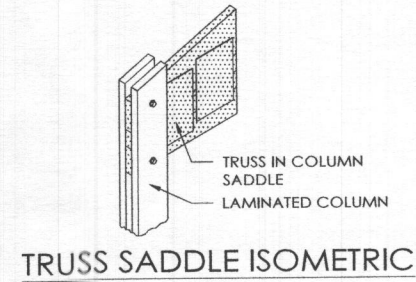
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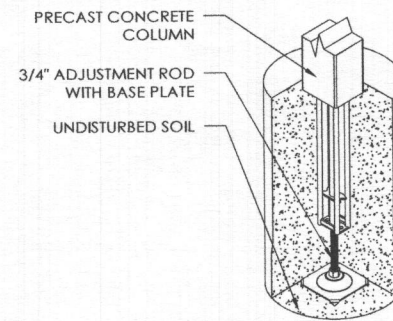
SCALE: AS NOTED
SHEET NO: S4 OF: S6



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



TRUSS SADDLE ISOMETRIC



LOWER COLUMN ISOMETRIC

DESIGN AND EXPLANATORY NOTES

1. FOOTINGS ARE DESIGNED FOR A 2000 PSF SOIL BEARING CAPACITY. LOCAL CONDITIONS MAY REQUIRE MODIFICATIONS.
2. CONCRETE FLOOR NOTES:
 - a. 3500 PSI, 5 1/2 BAG MIX CONCRETE.
 - b. SLOPE GRADE AWAY FROM BUILDING @ 1" PER FOOT FOR A MINIMUM DISTANCE OF 10' PLUS OVERHANG WIDTH.
 - c. A VAPOR RETARDER IS NOT MANDATED PER IBC SECTION 1907 EXCEPTION 3. UNLESS THE FLOOR WILL BE COVERED BY MOISTURE SENSITIVE FLOORING MATERIALS OR IMPERMEABLE FLOOR COATINGS OR WHERE THE FLOOR WILL BE IN CONTACT WITH ANY MOISTURE SENSITIVE EQUIPMENT OR PRODUCT.
 - d. CONTRACTION JOINTS UNIFORMLY SPACED 12' O.C. OR LESS.
3. PRIOR TO PLACING THE CONCRETE FOOTINGS, HAND TAMP THE BOTTOM 2'-3" OF LOOSE SOIL TO CONSOLIDATE. IF THE DRILLED HOLE CONTAINS MORE THAN 3" OF LOOSE SOIL, REMOVE EXCESS SOIL TO A UNIFORM THICKNESS OF 2'-3", HAND TAMP AND PROCEED WITH CONCRETE FOOTING PLACEMENT.
4. DO NOT PLACE CONCRETE FOOTING THROUGH MORE THAN 3" OF STANDING WATER. IF MORE THAN 3" OF STANDING WATER IS PRESENT IN THE FOOTING HOLE CONTACT THE STRUCTURAL ENGINEER OF RECORD FOR INSTALLATION INSTRUCTIONS.

LOWER COLUMN INSTALLATION

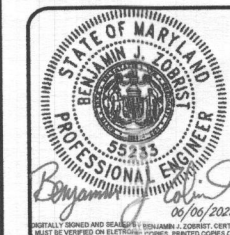
1. INSTALL PRECAST CONCRETE COLUMN W/ADJUSTMENT ROD & BASE PLATE IN THE AUGERED HOLE.
2. PLUMB PRECAST CONCRETE COLUMN IN BOTH DIRECTIONS
3. ADJUST HEIGHT UP OR DOWN WITH ADJUSTMENT HEX ROD
4. POUR READ-MIX CONCRETE INTO THE HOLE AS SPECIFIED.
5. BACKFILL AND COMPACT THE ANNULAR SPACE AROUND THE COLUMN TO GRADE WITH SOIL AUGERED FROM THE SITE.

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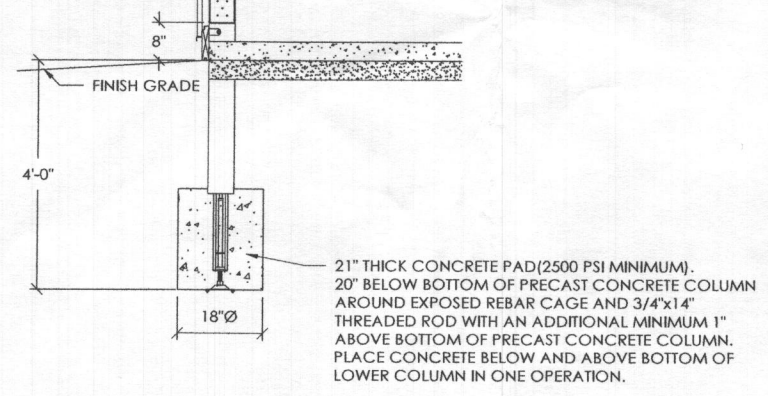
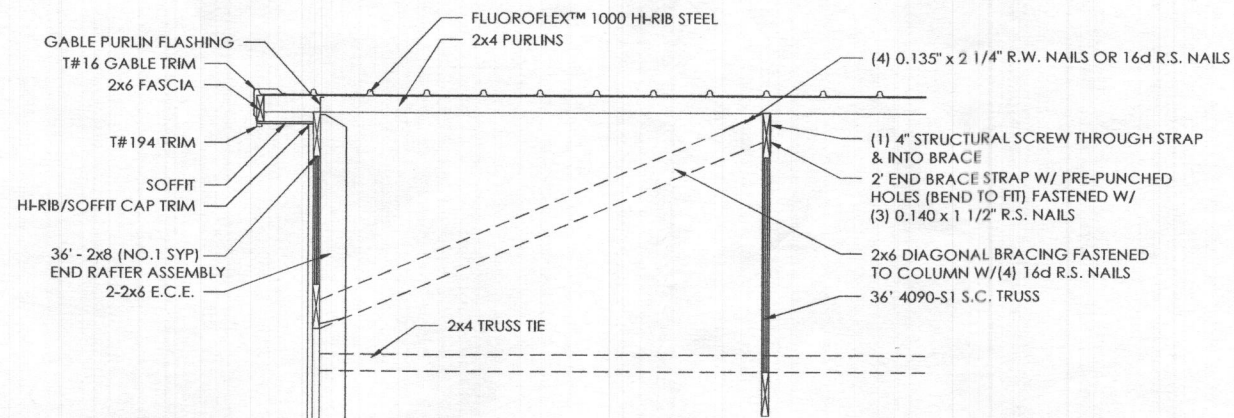
DAVID JOHNSON
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MD
ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.
100 S. PERSHING P.O. BOX 110 MORTON, IL 61550
AL CORP #151160
PHONE NUMBER: 309-263-4105

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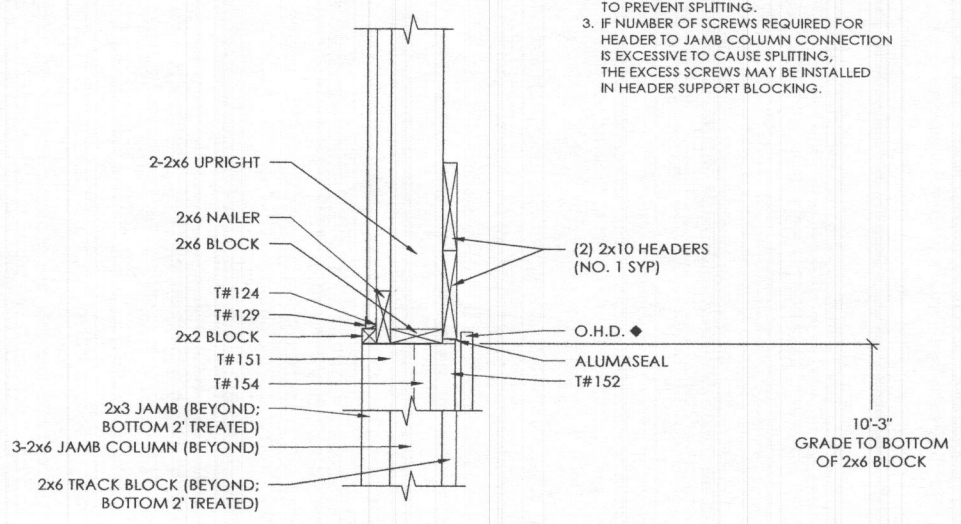
SCALE: AS NOTED
SHEET NO: S5 OF S6



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

HEADER FASTENING SCHEDULE		
HEADER MEMBER	UPRIGHT	JAMB COLUMN
ea. 2x10	6	6

NOTES:
 1. NUMBERS ABOVE ARE 4" STRUCTURAL SCREWS REQUIRED PER CONNECTION.
 2. PRE-DRILL HEADERS AS REQUIRED TO PREVENT SPLITTING.
 3. IF NUMBER OF SCREWS REQUIRED FOR HEADER TO JAMB COLUMN CONNECTION IS EXCESSIVE TO CAUSE SPLITTING, THE EXCESS SCREWS MAY BE INSTALLED IN HEADER SUPPORT BLOCKING.



OHD HEADER SECTION C
SCALE: 1" = 1'-0"

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WOODBINE, MD

ALLIED DESIGN ARCHITECTURAL & ENGINEERING GROUP, P.C.
 100 S. PERSHING P.O. BOX 110 MORTON, IL 61550
 AT CORP # 15160
 PHONE NUMBER: 309-263-4105

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SCALE: AS NOTED
 SHEET NO: S6 OF: S6

36' S.C. 4090-S1

Truss: 4430580003509-2

Customer: 064125272

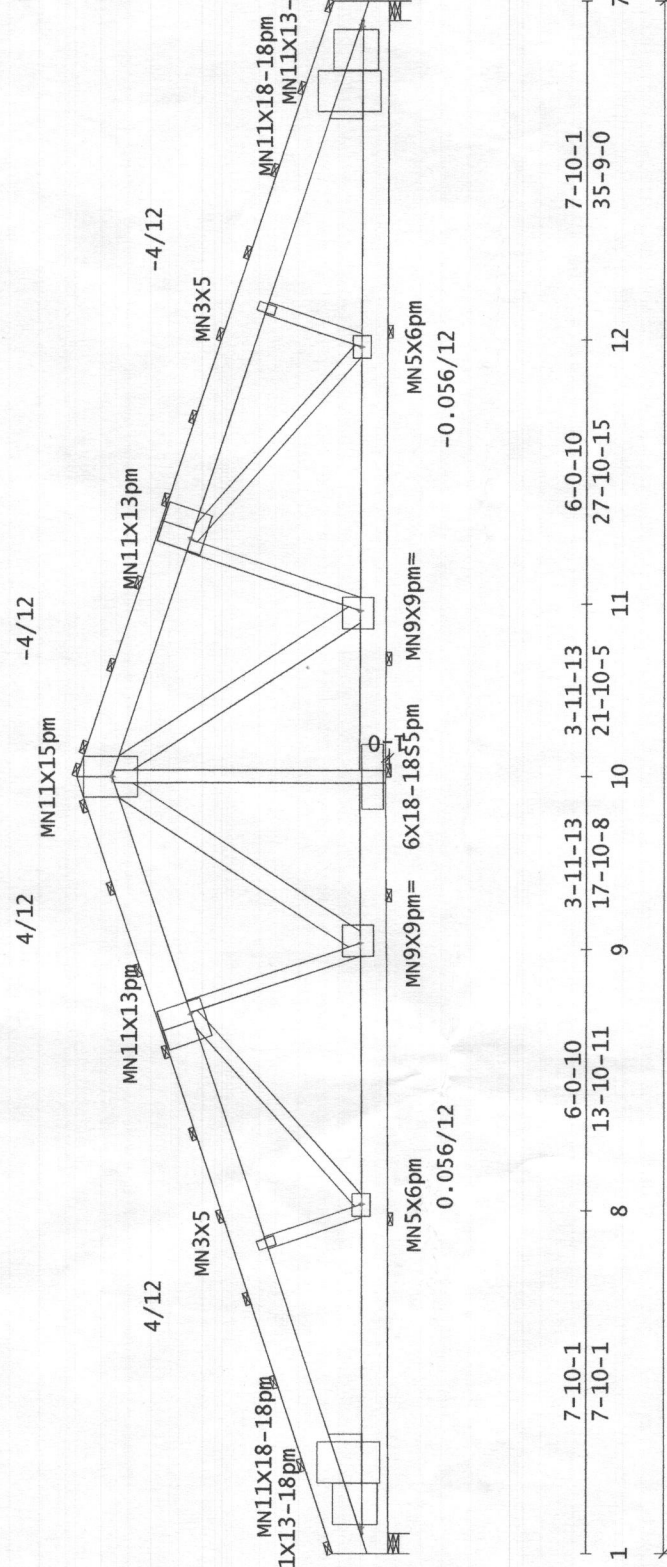
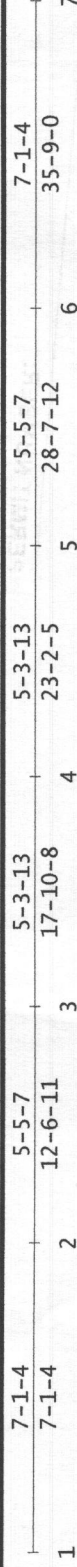
SID:

TID:

Date: 12/02/21

Page: 1 of 1

Truss Mfr. MBI



Truss Weight = 333.2 lb

Design: TPI-2014
 PSF Live Dead Dur Factors
 TC 56.0 3.0 Live Wind Snow
 BC 0.0 1.0 Lum 1.15 N/A 1.15
 Total 60.0 Plt 1.15 N/A 1.15
 Spacing: 8-00-00 o.c. Plies: 1
 Repetitive Member Increase: No
 Green Lumber: No Wet Service: No
 Fab Tolerance: 10% Creep (Kcr) = 2.0

Material Summary

TC	2x10	SP	2400/2.0	
BC	2x8	SP	2400/2.0	
Webs	2x4	SP (ALSC6-2013)	#1	4-11
	2x6	SP (ALSC6-2013)	#1	4-11
9-4				
Wedge	2x10	SP (ALSC6-2013)	#1	

Member Forces Summary

Max CSI in TC PANEL	2	3	0.92
Max CSI in BC PANEL	1	8	0.98
Max CSI in Web	3	9	0.98
...	Mem...	Ten	Comp
TC	1-2	0	16758
	2-3	0	16122
	3-4	0	14546
	4-5	0	14546
	5-6	0	16121
	6-7	0	16758
BC	1-8	15339	0
	7-12	15338	0
	8-9	14359	0
	9-10	11586	0
	10-11	11586	0
	11-12	14359	0
Web	2-8	0	1118
	3-8	894	0
	3-9	0	3101
	4-9	3504	0
	4-10	428	0
	4-11	3504	0
	5-11	0	3101
	5-12	894	0
	6-12	0	1117

Reaction Summary

Jnt	--X-Loc-	React
1	02-12	8580
7	35-06-04	8579

Deflection Summary

TrussSpan Limit	Actual (in)	Location	
Vert LL	L/240	L/422 (-1.00)	10-11
Vert DL	L/120	L/999 (-0.07)	10-11
Vert CR	L/180	L/394 (-1.07)	10-11
Horz LL	1.00in	(0.34)	@Jt 7
Horz CR	1.50in	(0.36)	@Jt 7

Bracing Data Summary

TC	2-00-00	0	35-09-00	19
BC	7-06-00	0	35-09-00	5
Web Bracing	--	None		

Notes

Plates designed for Cq at 0.90 and Rotational Tolerance of 5.0 degrees
 A "pm" next to the plate size indicates that the plate has been user
 modified; see Plate Offsets for any special positioning requirements.
 Single pass roller reduction factor has been used.

Plate offsets (X, Y):

(None unless indicated below)
 Jnt1(06-11,01-11), Jnt3(-02-13,01-11),
 Jnt4(0,00-06), Jnt5(02-13,01-11),
 Jnt7(-06-11,01-11), Jnt8(-00-03,00-02),
 Jnt9(00-10,00-10), Jnt11(-00-10,00-10),
 Jnt12(0,-00-01)

Joint Stress Index (JSI):

Jnt1(0.91), Jnt1(0.91), Jnt2(0.60),
 Jnt3(0.92), Jnt4(0.87), Jnt5(0.92),
 Jnt6(0.60), Jnt7(0.91), Jnt7(0.91),
 Jnt8(0.63), Jnt9(0.73), Jnt10(0.97),
 Jnt11(0.73), Jnt12(0.63)



Digitally signed by Benjamin Zobrist

Date: 2023.06.06 15:19:22

-05'00'

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Component Solutions
 Truss Studio V
 2021.5.0.261