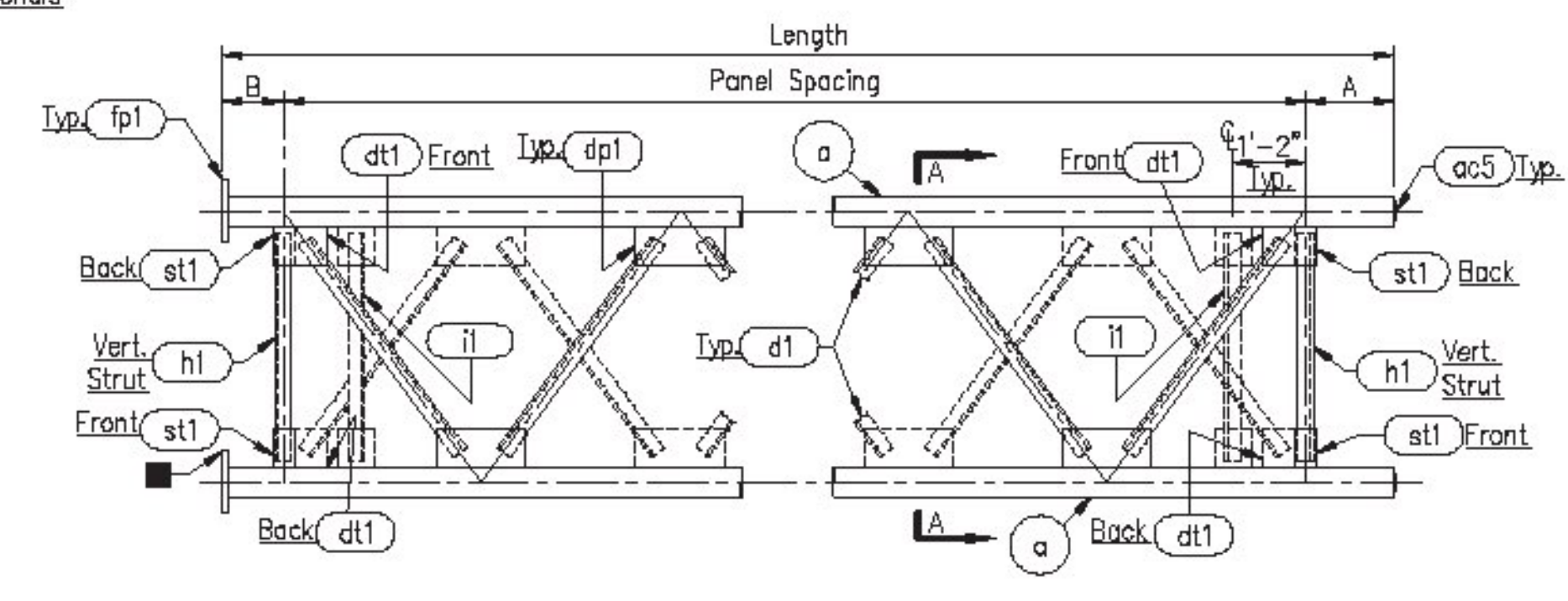
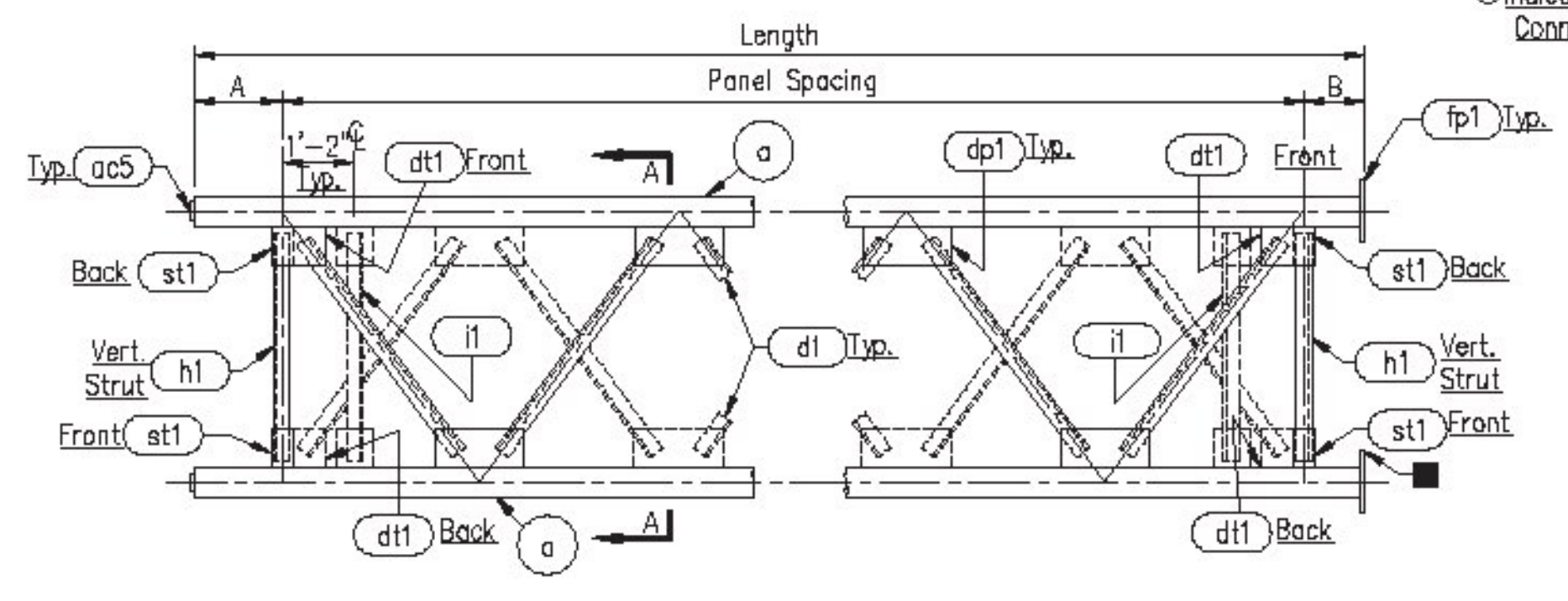
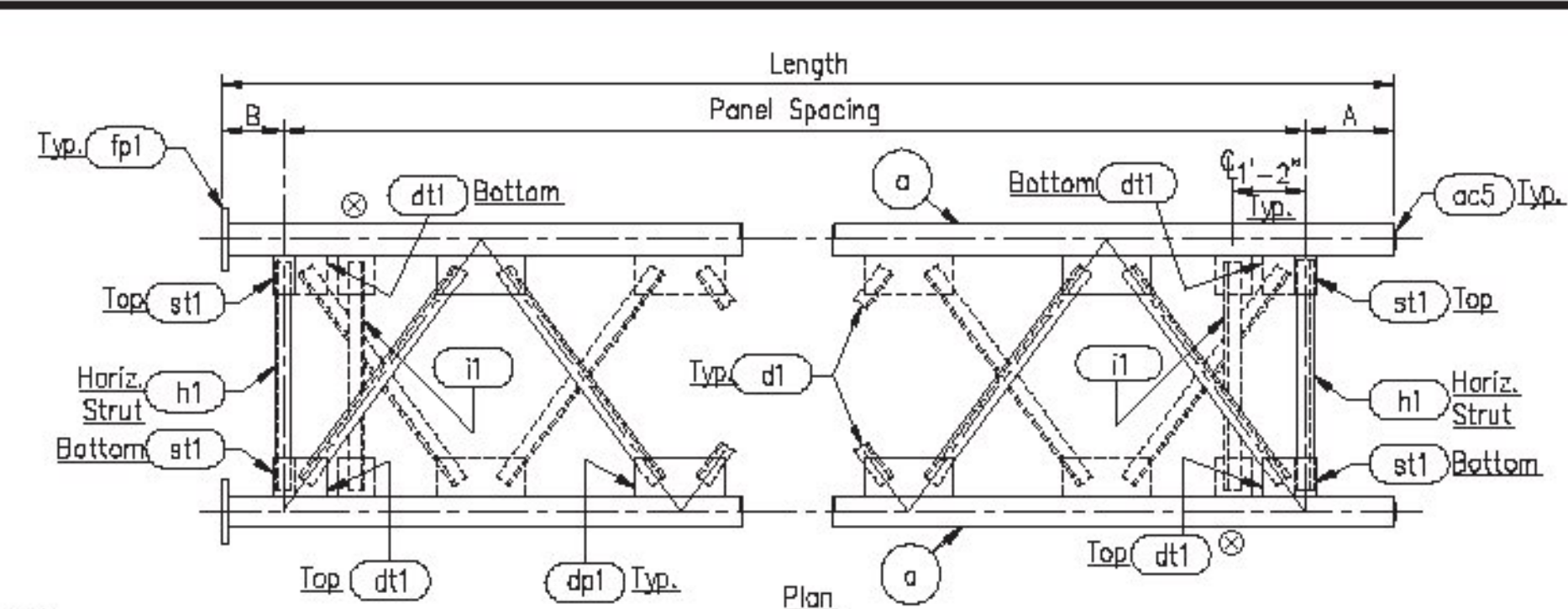
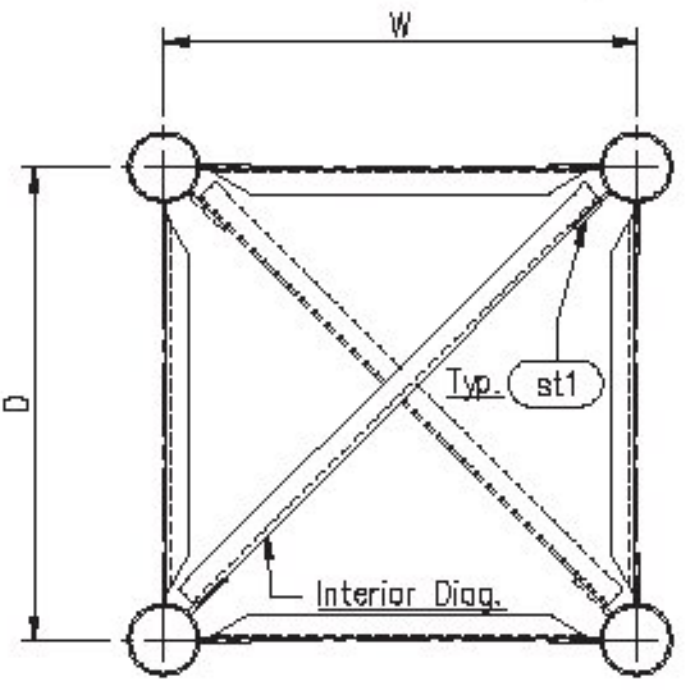
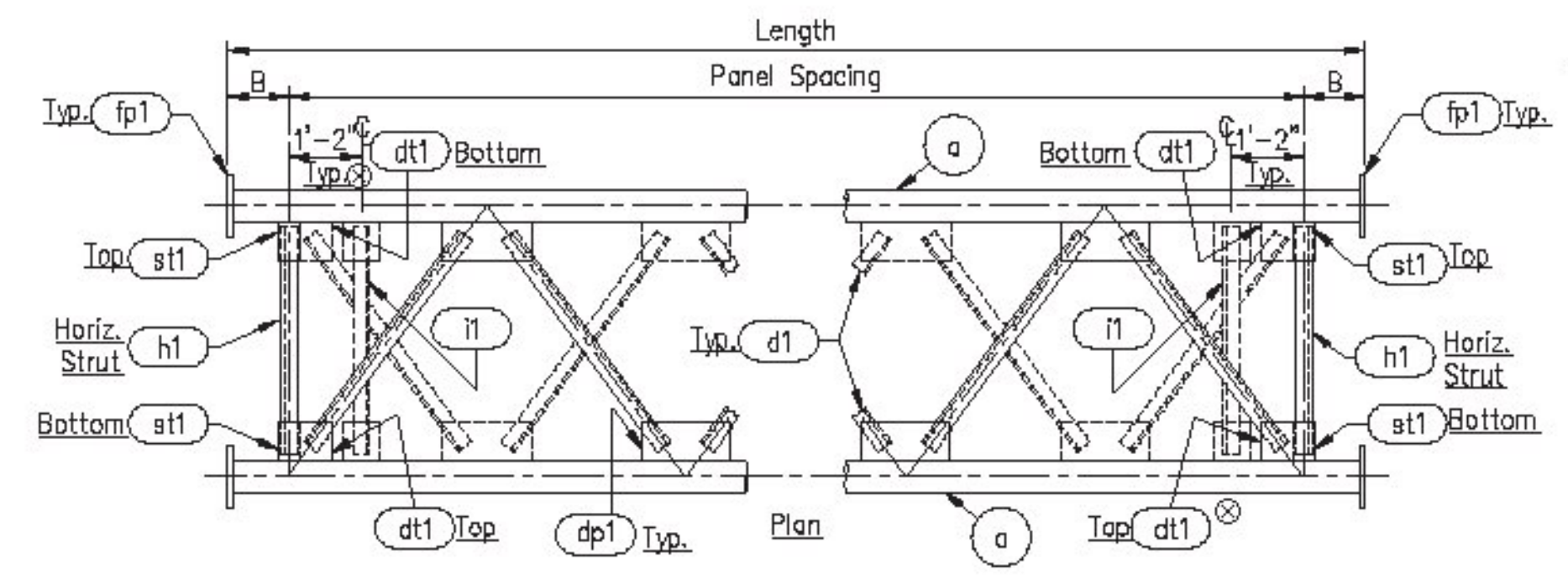


⊗ Indicates Where Interior Diagonals Connect With Top Chord.



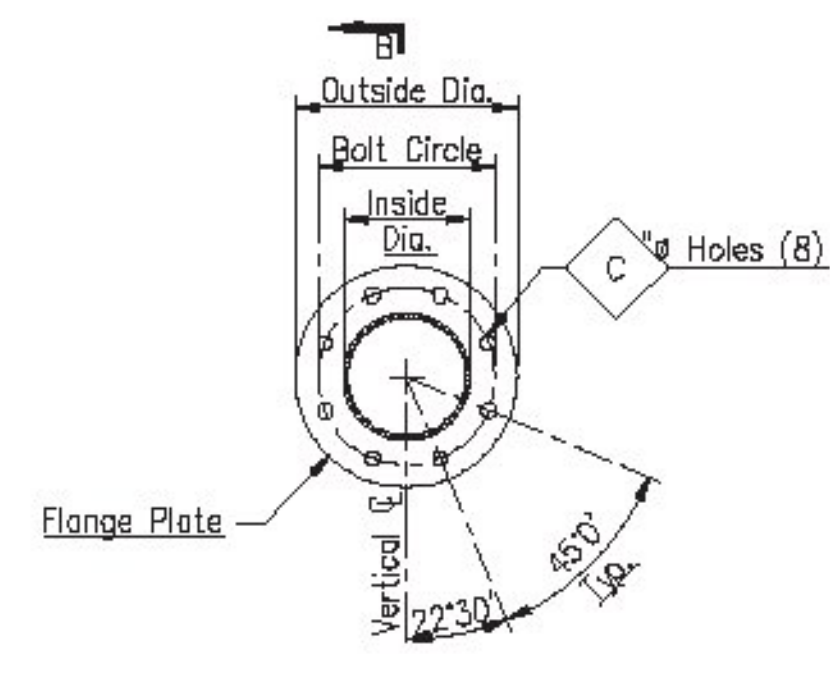
Qty.	Mk.	Length	Panel Spacing	A	B
1	1L	41'-2 3/8"	10 Spa. @ 3'-10 9/16" = 38'-9 3/8"	1'-9"	8"

Qty.	Mk.	Length	Panel Spacing	A	B
1	1R	41'-2 3/8"	10 Spa. @ 3'-10 9/16" = 38'-9 3/8"	1'-9"	8"

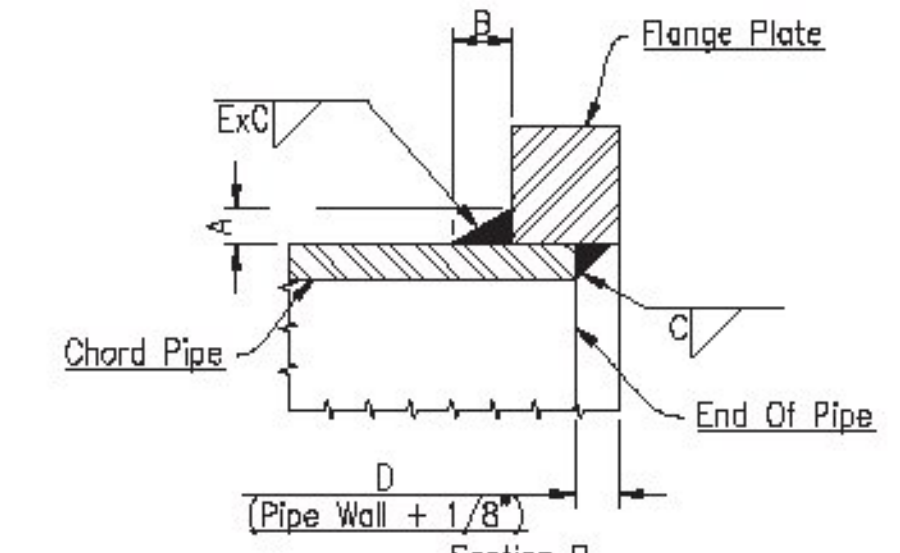


Truss Mk.	W	D
1L/1C/1R	4'-0"	4'-0"

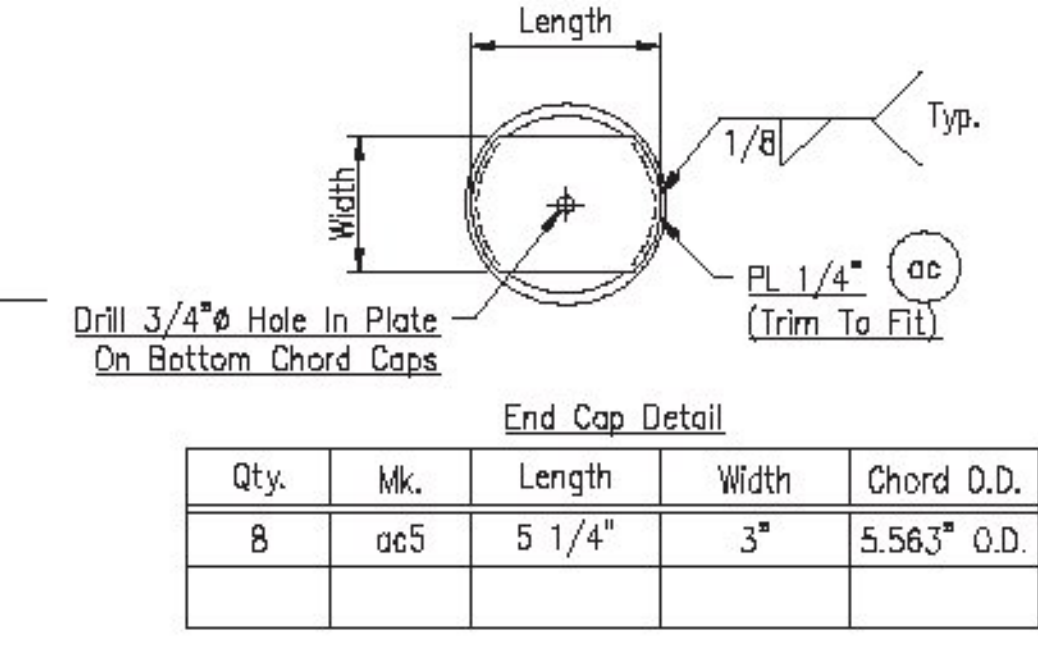
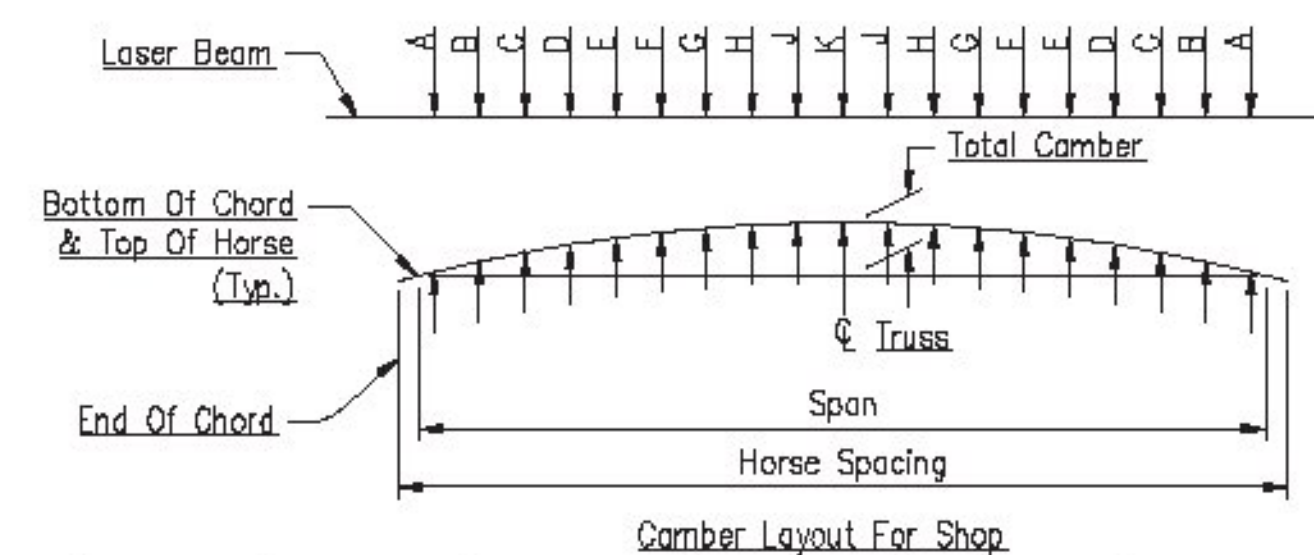
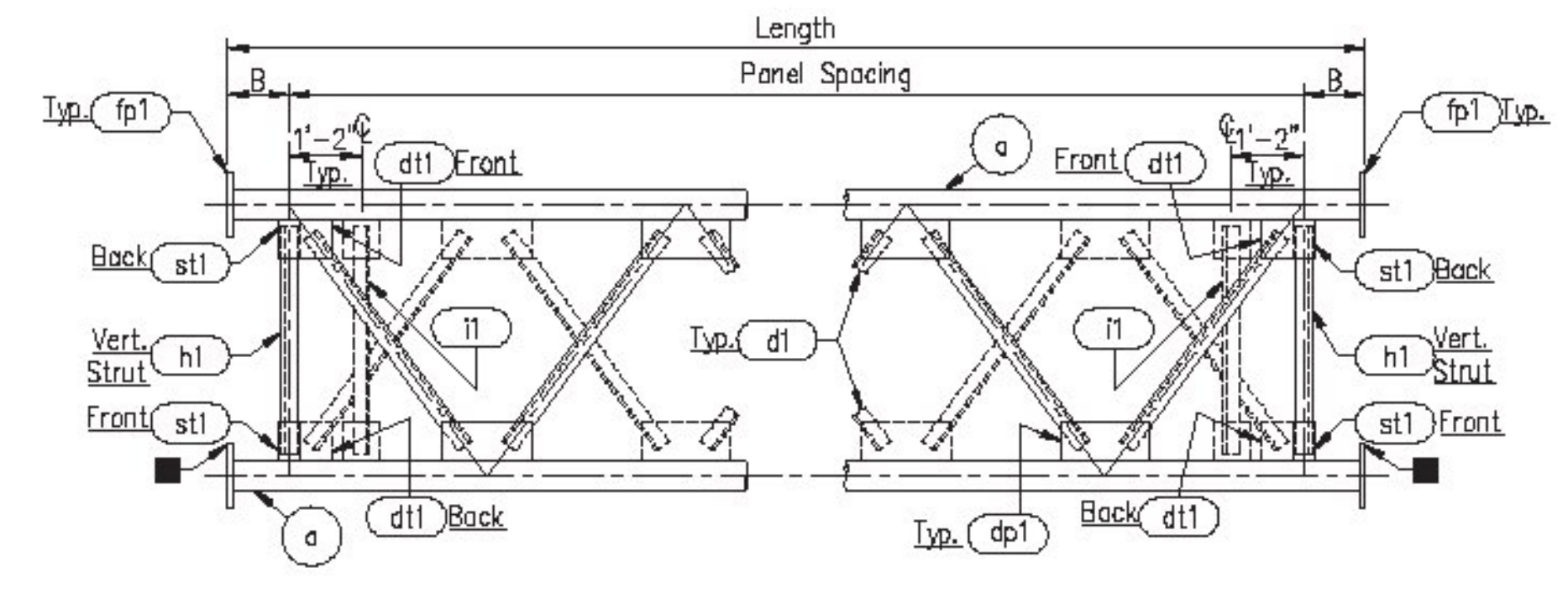
NOTE: Interior Diagonals Alternate Direction @ Each End Of Truss Section.



Qty.	MK	Outside Dia.	Bolt Circle	Inside Dia.	Plate Thk.	C
16	fp1	1'-0"	9"	5 5/8"	1 1/2"	15/16"



A	B	C	D	E
1/4"	7/16"	1/4"	3/8"	7/16"



Qty.	Mk.	Length	Width	Chord D.D.
8	ac5	5 1/4"	3"	5.563" O.D.

Qty.	Mk.	Length	Panel Spacing	B
1	1C	24'-7 1/4"	6 Spa. @ 3'-10 9/16" = 23'-3 1/4"	8"

Truss Mk	Horse Spacing	Total Camber	Span	A	B	C	D	E	F	G	H	J	K
1L/1C/1R	9 Horses @ 10'-8 3/8"	3 1/4"	105'-6"	1'-8 1/8"	1'-7 1/16"	1'-6 5/16"	1'-5 7/8"	-	-	-	-	-	1'-5 3/4"

Bill Of Materials

Qty.	Mk	Description	Length	Remarks	Inventory No.
4	1La	5.563" O.D. x .258" W. Pipe	41'-2"		P5.563X.258J
4	1Ra	do	41'-2"		P5.563X.258J
4	1Ca	do	24'-6 1/2"		P5.563X.258J
16	fp1	PL 1" x 1'-0" Dia.	-		PL1Z
8	ac5	PL 1/4" x 3"	0'-5 1/4"		ENDCAP-STRAP-5.56300
64	FB1	7/8" Galv. H.S. Hex Bolt	4 1/2"		BS0074.63
64	-	7/8" Galv. Hvy. Hex Nut	-		NS0074
128	-	7/8" Galv. Hard Flat Washer	-		WS0073



5/7/2015

NOTE: The Truss Sections Shall Be Assembled Together With The Camber Built In.

Stamp Truss Section Mk No.'s On The Top Of The Bottom Front Flanges.

See Sheet 7 Of 9 For Pc Mk's "dt", "dp", "st", "a", "h" & "v".

Prior To Galvanizing All Corners And Edges Of Steel Plates, Shapes, Etc., Shall Be Ground To A 1/16" Radius.

MATERIAL SPECIFICATIONS:

Steel Chord To Be S5 KSI Min. Yield Strength
 API 5L X42 Or
 API 5L X52 Or
 A500 Gr. B Or C
 Steel Plate & Flat Bar Shall Be A.S.T.M. A709 Gr. 36
 All Steel To Be Galvanized Per A.S.T.M. A123

H.S. Bolts To Be A.S.T.M. A325
 Hvy. Hex Nuts To Be:
 A.S.T.M. A563 Gr. DH (Lubricated & Dyed) Or
 A.S.T.M. A194 Gr. 2H (Lubricated & Dyed)

Hard Flat Washers Shall Be A.S.T.M. F436
 Galvanize Hardware Per A.S.T.M. A153

Welding Note: All Design Details, Workmanship, Procedures And Inspection Shall Conform With Subsection 506.10

PRINTS ISSUED				REVISIONS				
FOR	NO.	DATE	FOR	NO.	DATE	NO.	DATE	DESCRIPTION

Brookfield Fabricating Corp

P.O. Box 406 - Brookfield, Missouri 64628 - (660)258-2214

Customer: Lafayette Highway Specialties P.O. No: 29510

Project: Project No: STPG SGNL(40)
 Washington County, Vermont

Description: Fabrication Details Of Box Truss Sections
 Sta. 68+88.96, RT - Sta. 68+89.05, LT

Printed For: Vermont
 Drawn By: JF
 Date: 03/05/15
 Checked By: CR
 Date: 03/19/15
 Job No: VT-13675
 Rev: 5 of 9