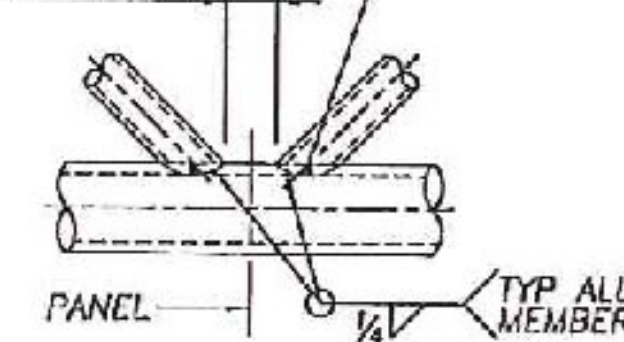


STATION #	MARK	QTY	"A"	"C"	PANELS	"D"	"E"	"F"	"G"	"H"	"J"	"K"	"L"	"M"	"N"	"P"
22+32.0 LT	6T1	1	41'-11 3/4"	3'-6"	1.5 @ 2'-11 1/2" (±) = 38'-9 1/4"	3'-3"	1'-2 1/2"	2 @ 5' = 0'-10"	2'-8 1/2"	2 @ 5' = 0'-10"	18'-7 1/4"	2'-5 1/2"	3 3/8"	3/8"	2 1/2"	3 1/2"
141+97 LT	6T2	1	49'-11 3/4"	3'-6"	1.5 @ 3'-1 1/2" (±) = 46'-9 1/4"	3'-3"	1'-2 1/2"	2 @ 5' = 0'-10"	2'-8 1/2"	2 @ 5' = 0'-10"	22'-6 1/2"	2'-5 1/2"	3 3/8"	3/8"	2 1/2"	3 1/2"

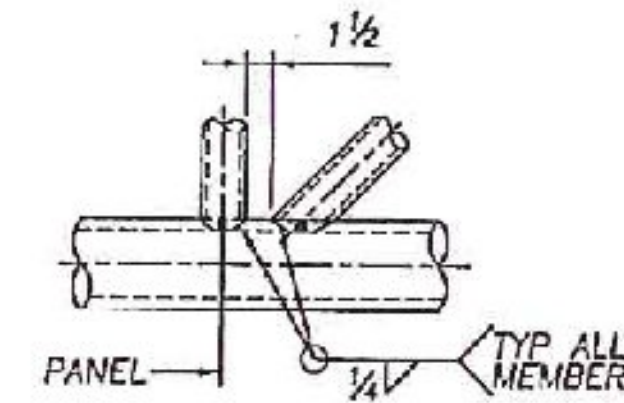
MARK	"R"	"S"	"T"	"V"	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(11)
6T1	2'-11 1/2"	17'-4 1/8"	29'-3 3/8"	30'-2 1/2"	a	b	d	f	h	k	m	n	p	z1
6T2	2'-11 1/2"	36'-9 1/8"	46'-1 1/8"	-----	aa	b	ad	f	ah	k	m	n	p	z1

VENT HOLE SIZES	
WEB MEMBER (OD)	HOLE DIA ± 1/4"
< 3.500	3/4"
3.500	1 1/4"
4.000	2"
4.500	2 1/4"
5.563	2 3/4"
6.625	3 1/4"

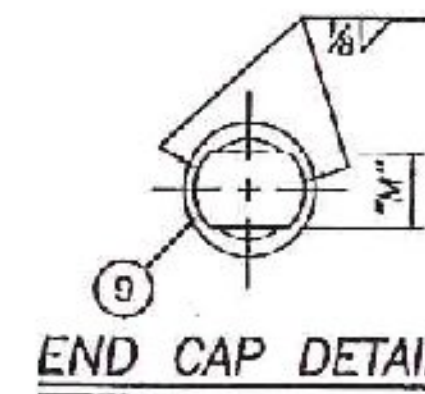
(3" + VERT STRUT OD) VENT HOLES (TYP)



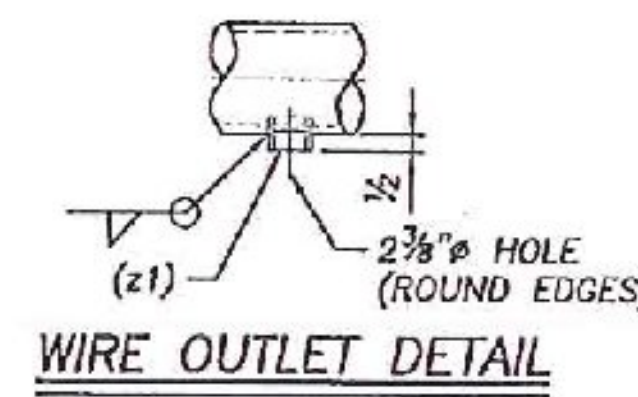
JOINT DETAIL



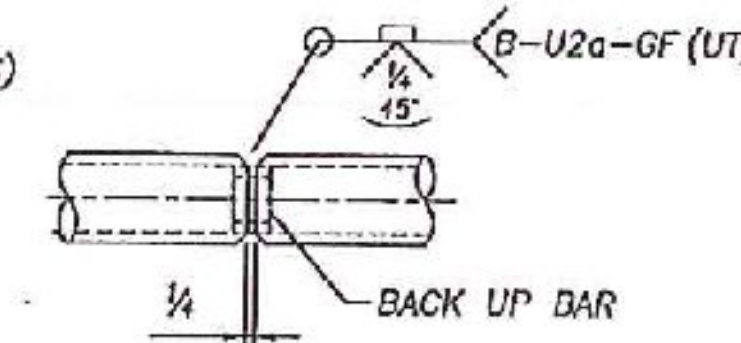
JOINT DETAIL



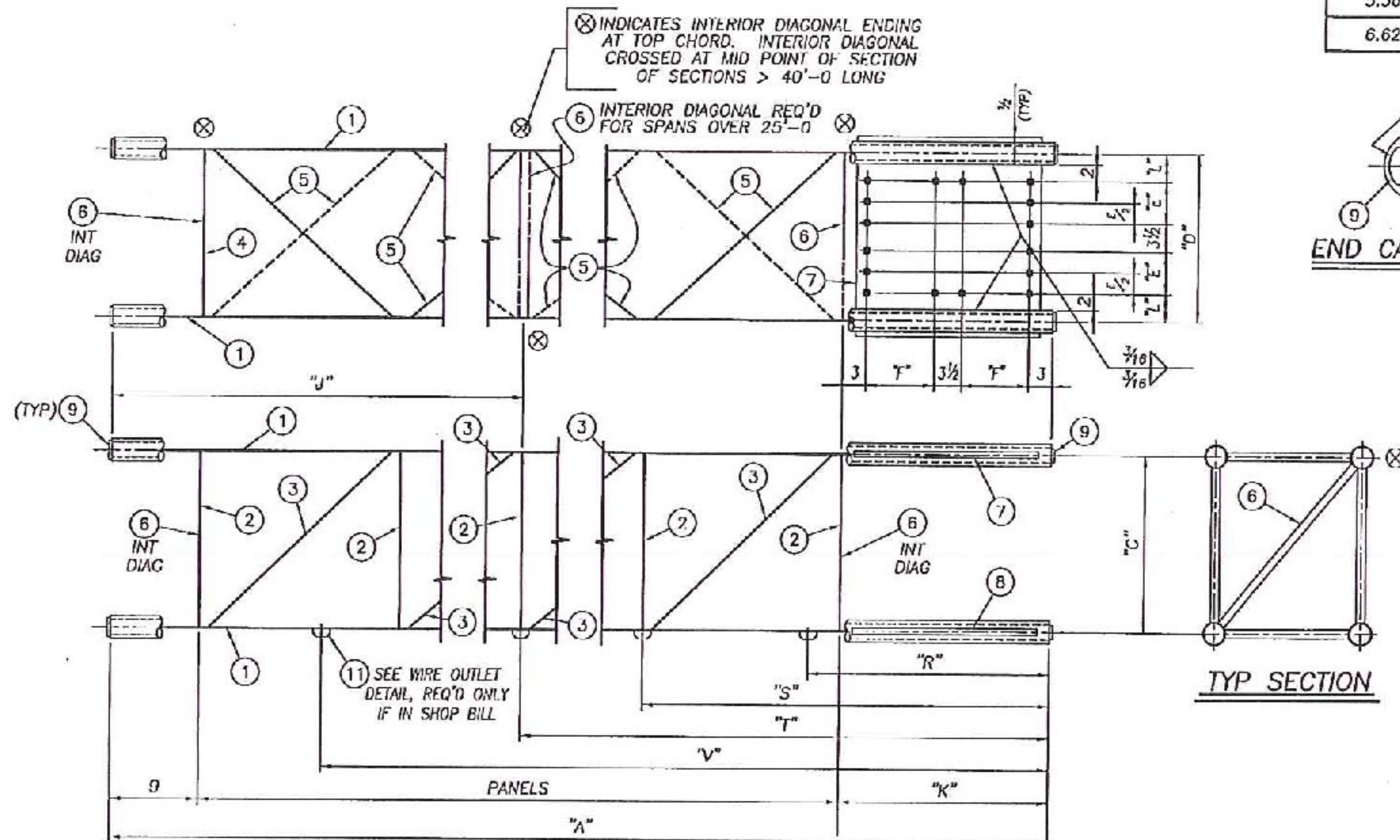
END CAP DETAIL



WIRE OUTLET DETAIL



OPTIONAL CHORD SPLICE (FOR WALL THK 3/8" OR GREATER ONLY)



MATERIAL SPEC'S

- CHORDS & WEB MEMBERS - STEEL PIPE SHALL MEET THE FOLLOWING SPECIFICATIONS WITH THE PROPERTIES (52 KSI MIN. YIELD, 60 KSI MIN. ULTIMATE TENSILE AND MIN. ELONGATION EQUAL TO 20% IN 2 IN.). API-5L-X52, API-5L-X42, API-5L-X60, ASTM A252 GR. 3, ASTM A500 GR. B/C, OR ASTM A53 GR. B, (YIELD STRENGTH SHALL NOT EXCEED B2 KSI).
- PLATES - ASTM A572, GR. 50
- GALV. - ASTM A123
- PAINT - PER WALPAR COATING SYSTEM #3 - COLOR BLACK
- WELD - AWS SPEC. D1.1 - LATEST REV.
- ALL PIPE SIZES ARE OUTSIDE DIAMETER

ALL HOLES TO BE 1 1/8" UNLESS NOTED

SHOP NOTE:
INTERIOR DIAGONALS MAY BE OFFSET UP TO 6" FROM PANEL POINTS ON TRUSS IN ORDER TO AVOID INTERSECTING WELDS IN THE AREA OF OTHER WEB MEMBERS.

C1181-6									
PARTS FOR COST	PART NAME	NO OF FEET	SECTION	DESCRIPTION OF MATERIAL	LENGTH		PARTS FOR COST		
					FEET	INCHES			
	6T1	1		TRUSS					
	a	4	PIPE	2.075 x .203	41	11 3/4"			
	b	28	PIPE	1.315 x .133	3	3 3/8"			
	d	28	PIPE	1.315 x .133	4	2 1/8"			
	f	3	PIPE	1.315 x .133	3	0 3/8"			
	h	26	PIPE	1.315 x .133	3	11 15/16"			
	k	4	PIPE	1.315 x .133	4	6 3/8"			
	m	1	PL	1/2 x 26	3	6 3/8"			
	n	2	PL	1/2 x 6 3/8"	2	2"			
	p	8	PL	1/4 x 1/8"	0	2 3/8"			
	z1	4	OP	1 1/4 EX HVY HALF COUPLING	-	-			
	6T2	1		TRUSS					
	aa	4	PIPE	2.075 x .203	49	11 3/4"			
	b	32	PIPE	1.315 x .133	3	3 3/8"			
	ad	30	PIPE	1.315 x .133	4	3 1/4"			
	f	3	PIPE	1.315 x .133	3	0 3/8"			
	ah	30	PIPE	1.315 x .133	4	1"			
	k	4	PIPE	1.315 x .133	4	6 3/8"			
	m	1	PL	1/2 x 26	3	6 3/8"			
	n	2	PL	1/2 x 6 3/8"	2	2"			
	p	8	PL	1/4 x 1/8"	0	2 3/8"			
	z1	3	OP	1 1/4 EX HVY HALF COUPLING	-	-			



REF DWG: E2, & E4

AASHTO 5th Edition Spec's



POST OFFICE BOX 28650
BIRMINGHAM ALABAMA 35228
4200 JEFFERSON AVENUE
BIRMINGHAM ALABAMA 35221
PHONE (205)-925-4990
FAX (205) 925-7273

STATE: Vermont
PROJECT: Barre City
PROJ No: FECC F 028-1(31) C/2
COUNTY: Washington
ROUTE: US-302

SUBJECT: CANTILEVER SIGN SUPPORT
DETAIL OF TRUSS
FOR: F.R. Lafayette, Inc.

DRAWN BY: JLS DATE: 8/19/11
CHECKED BY: RRW DATE: 8/22/11

RELEASE FOR CONSTRUCTION DWG NO: C1181-6

NO.	REVISIONS	DATE	MADE	CHECKED
1		8/22/11	JLS	RRW

DICTOET