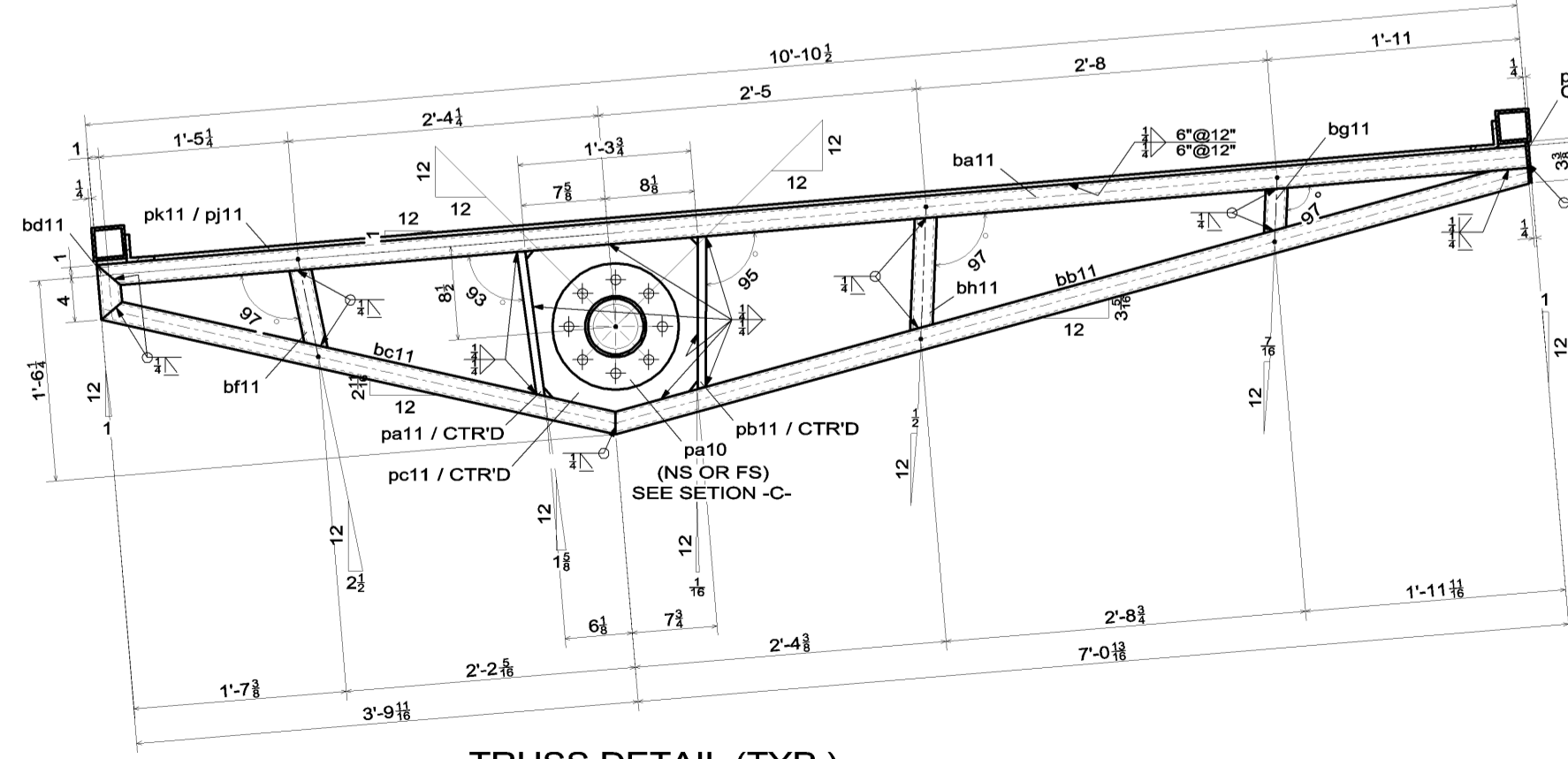
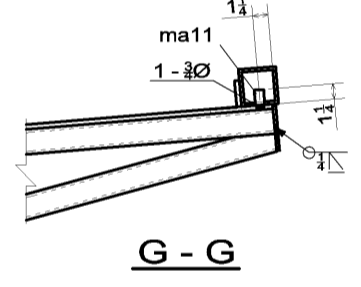
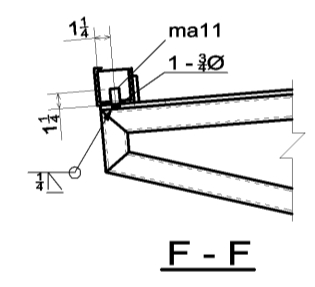
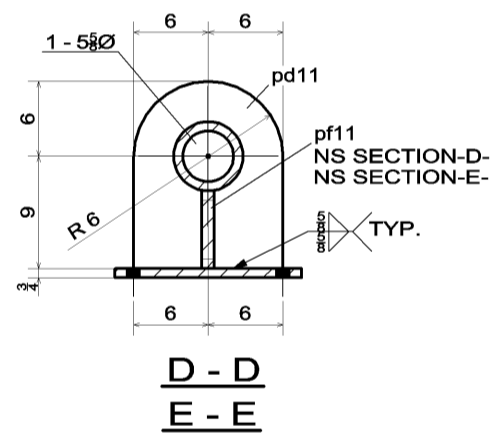
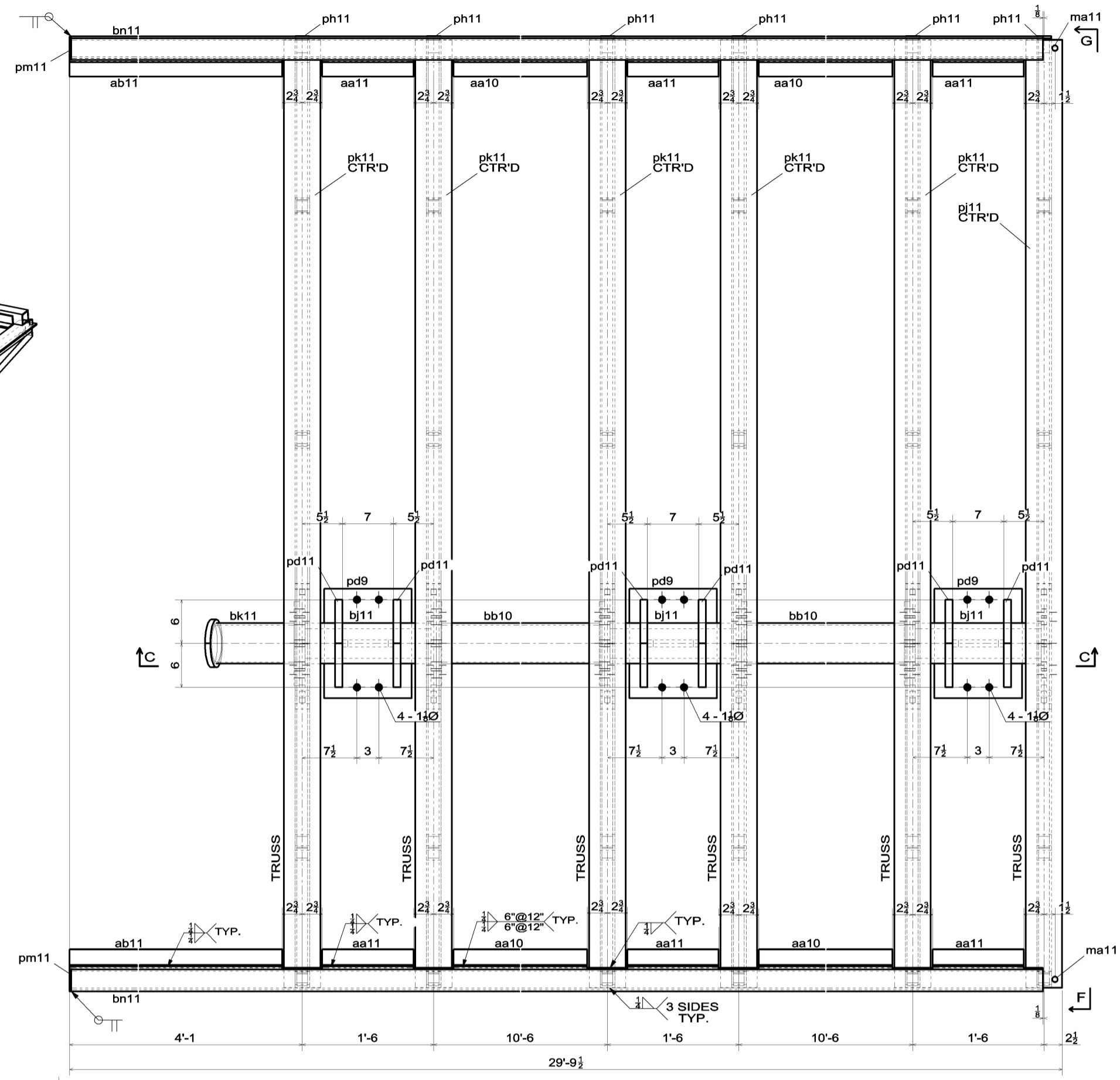
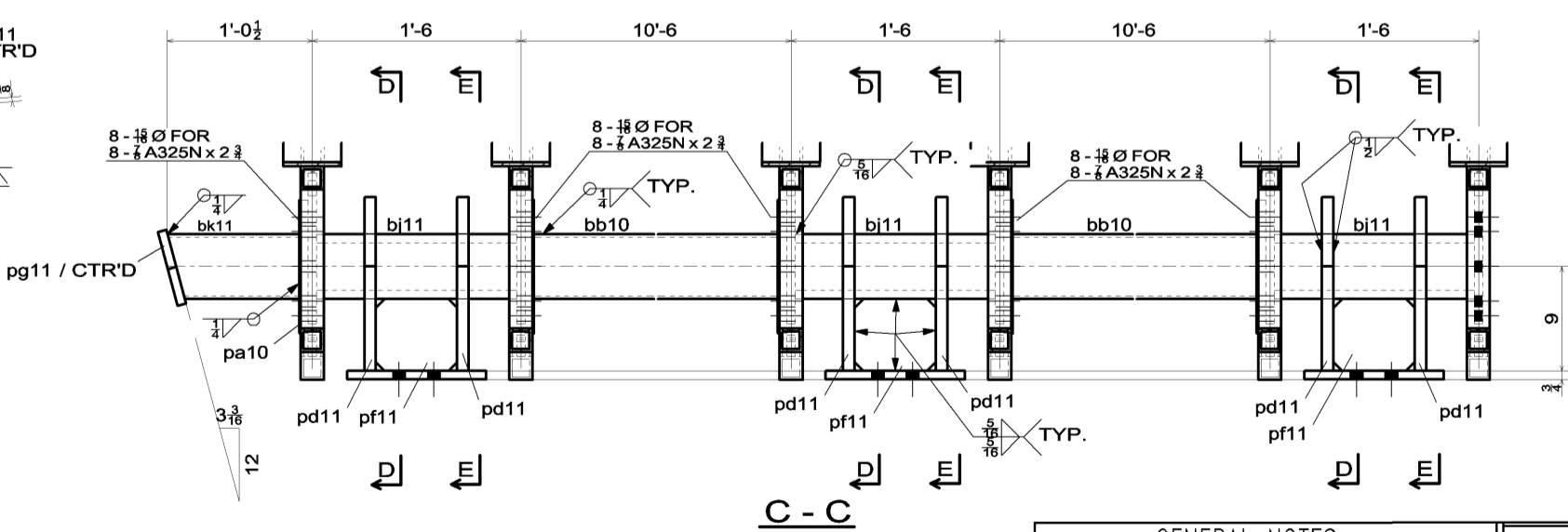


FRAME 12F1 (3D-VIEW)



TRUSS DETAIL (TYP.)



GENERAL NOTES:
 WF MAT'L - ASTM A992
 ALL OTHER MAT'L - ASTM A36 U.N.O.
 TUBING - ASTM A500, GR. B
 PIPE - YIELD STRENGTH, MIN. FY=36000 PSI
 / SEE TABLE 2 ASTM A501
 BOLTS - 1" DIA. A325
 HOLES - 1/8" DIA. U.N.O.
 WELD - E70XX ELECTRODES
 (LOW HYDROGEN FOR GRADE 50 STEEL)
 PAINT - 3 COAT SYSTEM :
 ZINC CLAD 111 HS ; MACROPOXY 646;
 ACROLON 218 HS (SHERWIN WILLIAMS)
 (EXCLUDE PAINT ON GALV.& NON-FERR. MATERIAL)
 SURFACE PREP - SSPC - SP2

BILL OF MATERIAL						
SHIP MARK	PIECE MARK	NO. REQ'D	SIZE	LENGTH	TOTAL WEIGHT	REMARKS
12F1		1	FRAME	29'-9 1/2"	0	
	aa10	4	L2-1/2X2-1/2X3/8	10'-0 1/2"	236.5	A36
	aa11	6	L2-1/2X2-1/2X3/8	1'-0 1/2"	36.8	A36
	ab11	2	L2-1/2X2-1/2X3/8	3'-0 1/4"	45.4	A36
	ba11	6	TS2X2X1/4	10'-0 1/4"	334.7	A500-GR.B
	bb10	2	PIPE 5" STD	10'-3 3/4"	301.9	A501
	bc11	6	TS2X2X1/4	7'-2 5/16"	221.7	A500-GR.B
	bd11	6	TS2X2X1/4	3'-11 7/8"	123	A500-GR.B
	be11	6	TS2X2X1/4	0'-5"	12.8	A500-GR.B
	bf11	6	TS2X2X1/4	0'-7 1/2"	19.3	A500-GR.B
	bg11	6	TS2X2X1/4	0'-4 1/4"	10.9	A500-GR.B
	bh11	6	TS2X2X1/4	0'-10 3/8"	26.7	A500-GR.B
	bj11	3	PIPE 5" XXS	1'-5 1/4"	165.9	A501
	bk11	1	PIPE 5" STD	0'-11 3/8"	13.9	A501
	bn11	2	TS3X3X1/4	29'-6 5/8"	490.8	A500-GR.B
	ma11	2	3/4 THREADED STUD	0'-1 5/8"	0.4	A36
	pa10	5	PL3/4X11 1/2	0'-11 1/2"	109.5	A36
	pb11	6	PL3/4X2	1'-1 5/16"	33.6	A36
	pc11	6	PL3/4X15 3/16	1'-3 5/8"	268.2	A36
	pd9	3	PL3/4X12	1'-3"	114.6	A36
	pd11	6	PL1 X12	1'-3"	279.4	A36
	pf11	3	PL1 X6 1/4	0'-7"	36.1	A36
	pg11	1	PL3/4X6 9/16	0'-6 9/16"	7.1	A36
	ph11	6	PL1/4X2	0'-3 3/4"	2.6	A36
	pi11	1	PL3/8X5	10'-0 1/4"	69.3	A36
	pk11	5	PL3/8X5	10'-0 1/4"	346.3	A36
	pm11	2	PL1/4X3	0'-3"	1.3	A36
		40	7/8" DIA. A325N	2 3/4"		
					3343	

TOTAL QTY	FIELD BOLTS	SHIP MARK	LENGTH
12	1" DIA. A325N	12F1	3"

SHOP NOTE:
 All material this sheet is to be fabricated in accordance with AISC Architecturally Exposed Structural Steel (AESS).
 - Camber/sweep to be one-half ASTM A6.
 - Copes and blocks in surfaces exposed to view are to have uniform gaps of 1/4" +/- 1/8".
 - Exposed welds are visually acceptable if they meet the requirements in AWS D1.1, except all groove and plug welds shall not project more than 1/16" above the exposed surface. Finishing or grinding of welds shall not be necessary, unless such treatment is required to provide for clearances or fit of other components.
 - Stamped or raised manufacturer's identification marks shall not be filled, ground or otherwise removed.
 - Seams of hollow structural shapes shall be oriented away from view, or as directed.
 - Special care is to be taken during handling to avoid bending, twisting, or distorting members.
 - Additionally, exposed sheared or gas cut edges are to have wire edges or burrs removed, no grinding of edge face required.

WORK THIS SHEET WITH DWG. # 13



REVISIONS		
3/31/05	REVISED PER ELECTRICAL REQUIREMENTS	JBL
5/24/04	CHECKING / APPROVAL COMMENTS	JBL

WT WELDING & CONTRACTING CO., INC
 WT. LAUREL, NJ (856) 235-3668
 NEWARK CITY SUBWAY EXTENSION
 ATLANTIC STREET CANOPY
 LOCATION: NEWARK - ELIZABETH RAIL LINK
 DESCRIPTION: SHOP DETAILS
 CUSTOMER: CONTI ENTERPRISES
 OWNER: NEW JERSEY TRANSIT
 DESIGNER: BRW / KS ENGINEERS

QUAN.	DIST.	DATE	DWG. BY:	CHK'D BY:	JBY	DWG. NO.
		DATE: 2/23/04		DATE: 3/8/04		C1783