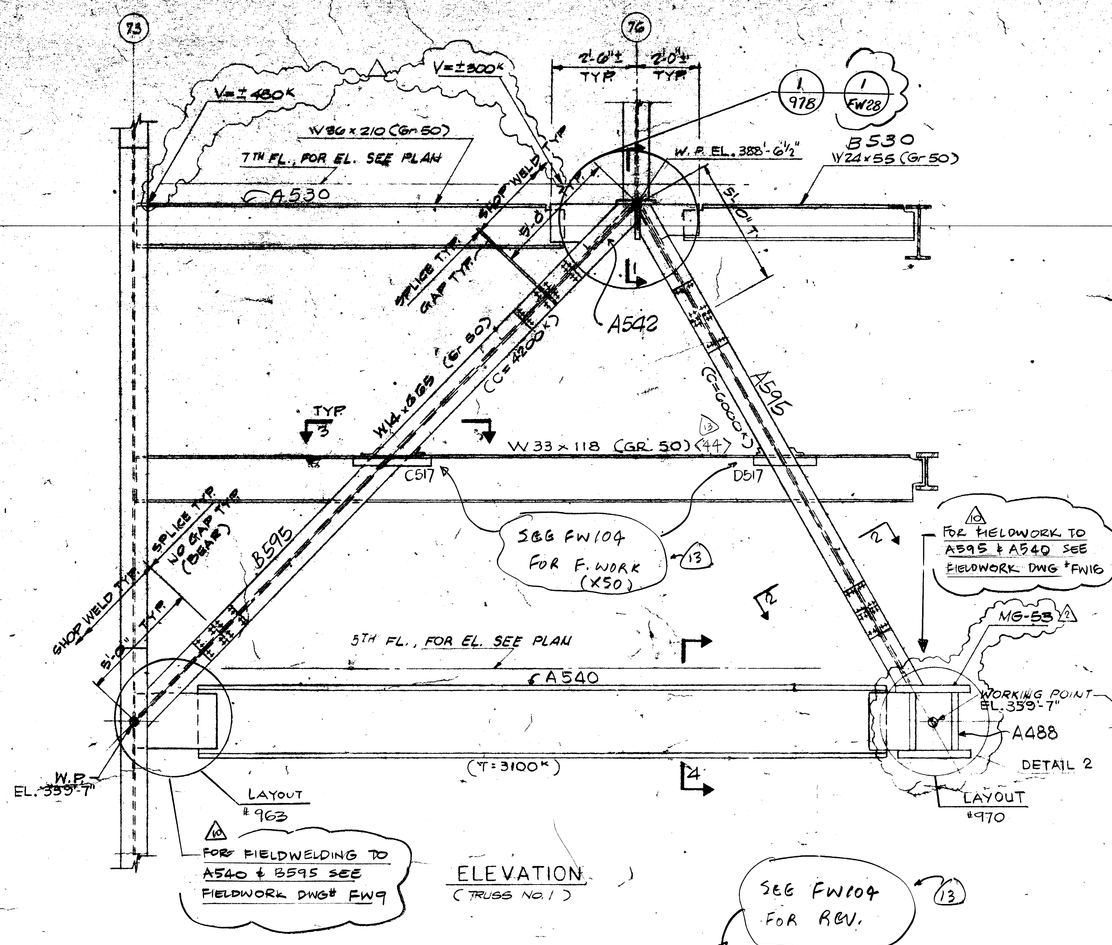
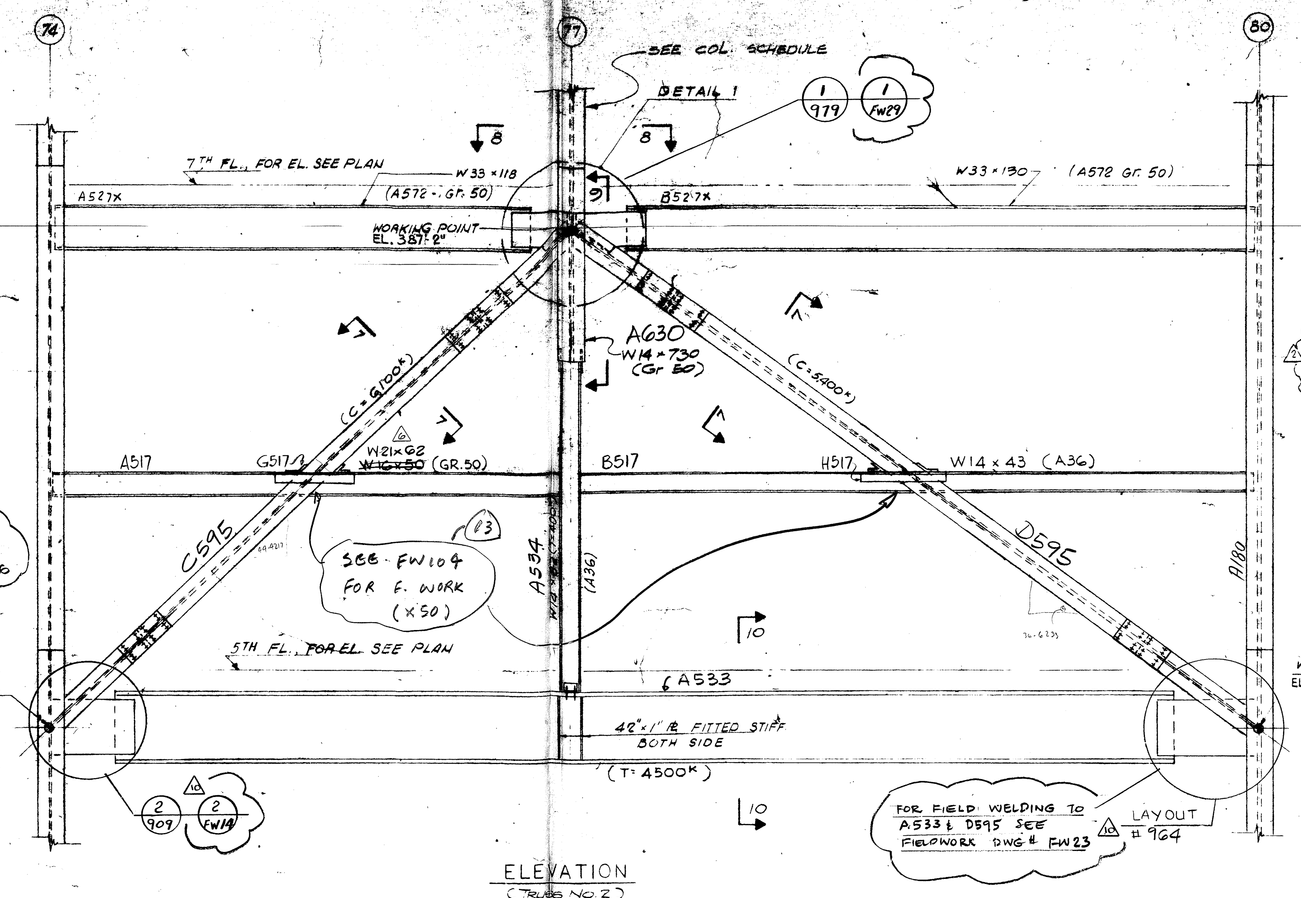
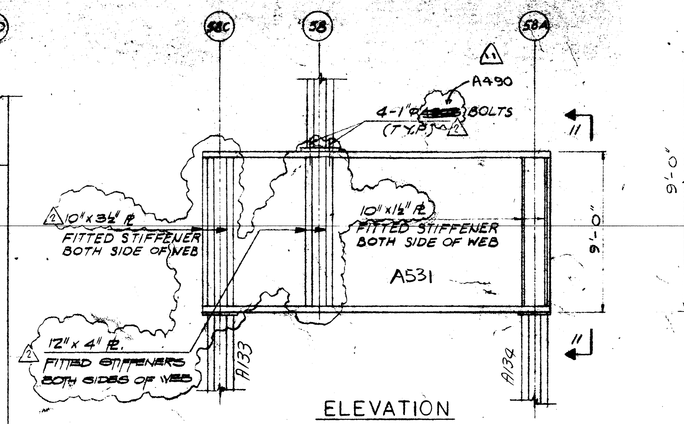
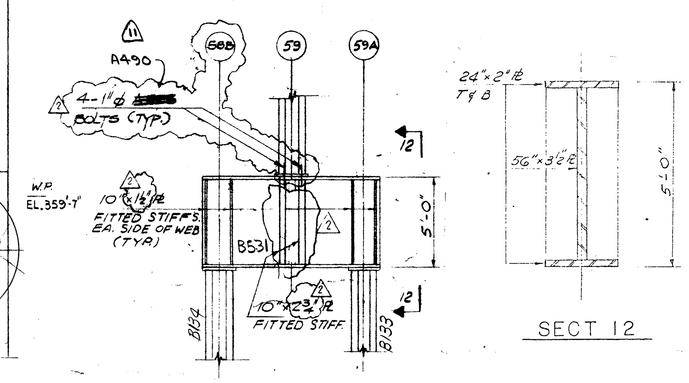


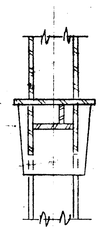
ELEVATION (TRUSS NO. 1)

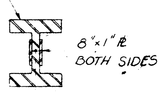


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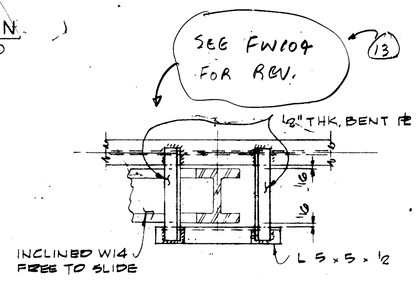




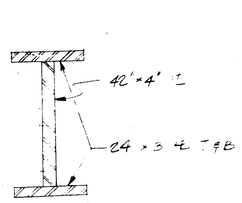

SECT. 1



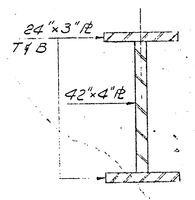
SECT. 2 (GR 50)



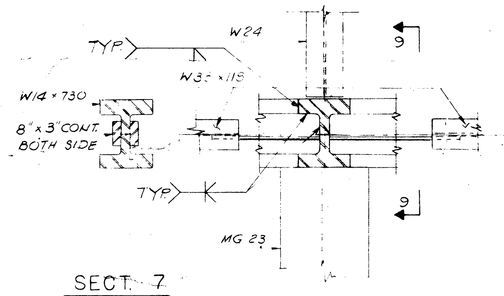
SECT. 3



SECT. 4 A572 GR. 42

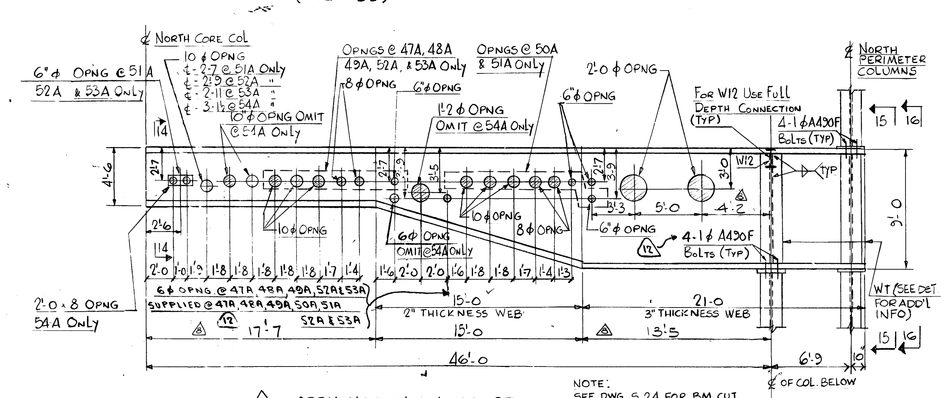


SECT. 10 A572 GR. 42

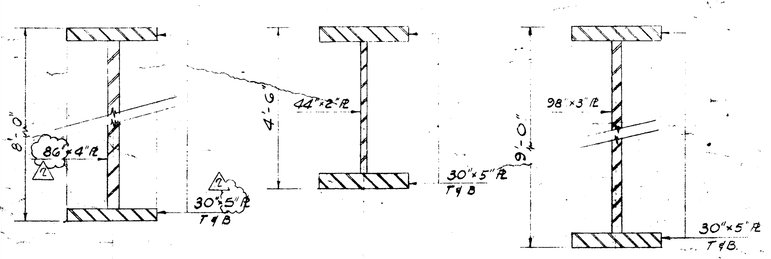


SECT. 7 (Gr 50)

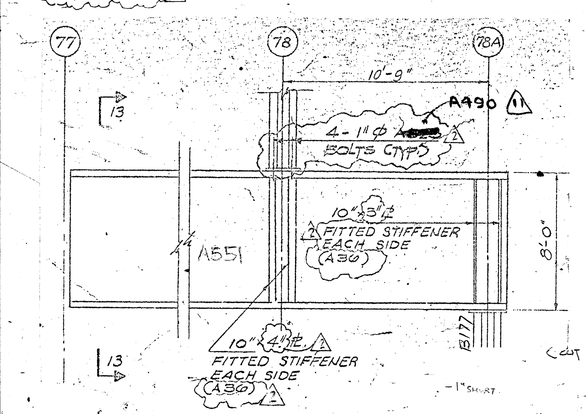
SECT 8 ALL MATERIAL GR 50



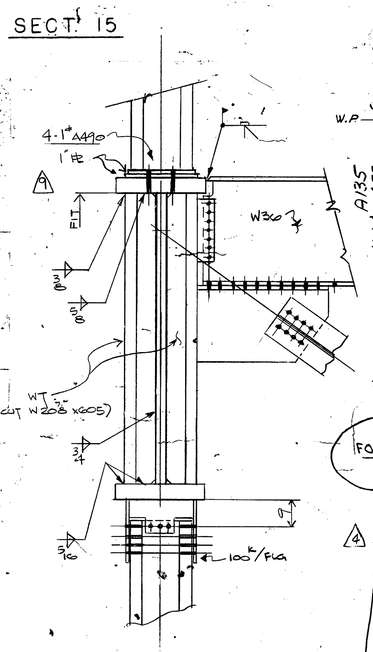
OPENINGS IN ALL MG 27 EXCEPT AS NOTED



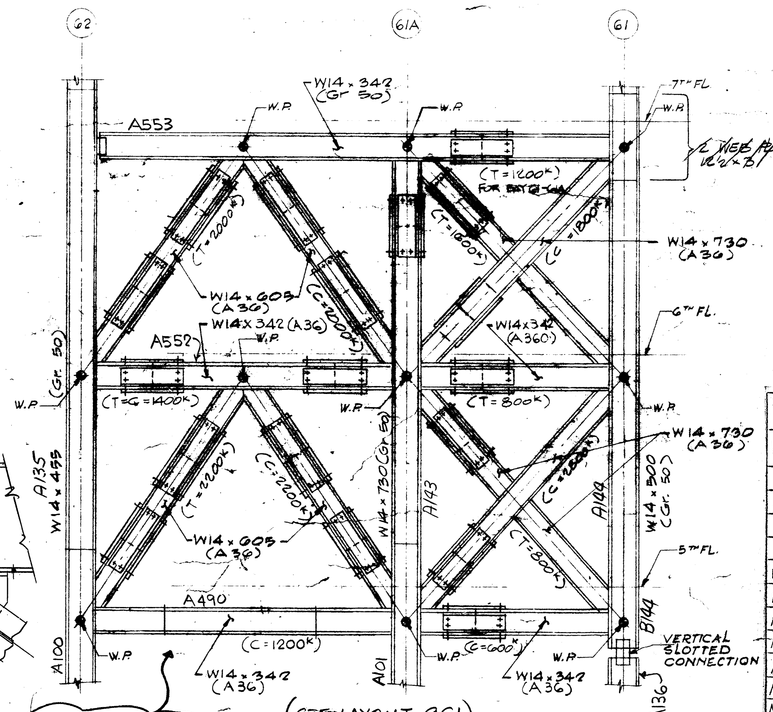
SECT 13 A572 GR. 42 | SECT 14 | SECT 15



ELEVATION (MG-23)



SECT-16



ELEVATION (TRUSS N° 3)

FOR FIELDWORK SEE FW6

NOTE: ℍ CONNECTIONS SIM. TO THOSE SHOWN IN DETS. ON DWG. S-20

PLATE GIRDER SCHEDULE

MARK	FL	REACTION N-E	REACTION S-W	FLANGE PL	WEB PL	DEPTH		REMARK
MG-21	7TH	4700K	2200K	4"×30"	⅜"×100"	108"		A36
MG-22	7TH	1600K	2000K	2"×24"	⅜"×56"	60"		A36
MG-23	7TH	1900K	4000	5"×30"	½"×86"	96"		GR42
MG-55	5TH	4400K	2000K	6"×48"	2(⅜"×36)	48"		GR42
MG-27	7TH	4100K	1500K	5"×30"	VARIES	VARIES		A36
MG-51	5TH	240K	200K	6"×18"	2"×15"	27"		GR42
MG-52	5TH	380K	320K	3"×16"	2"×24"	30"		GR42
MG-29	2ND	250K	250K	4"×8"	1½"×56"	44"		A36 (THICK SEE DETAILS)
MG-31	3RD	160K	160K	2"×7"	¾"×32"	36"		GR50
MG-32	3RD	570K	325K	2"×22"	1"×32"	36"		GR50
MG-41	4TH	80K	75K	2"×6½"	¾"×27"	31"		GR50
MG-151	15TH	185K	150K	2½"×7"	¾"×32"	30"		GR50
MG-210	7TH	200K	160K	16"×2"	1"×14"	18"		GR50

PLATE GIRDER SCHEDULE (CONT'D)

MARK	FL	REACTIONS N-E	REACTIONS S-W	FLANGE PL	WEB PL	DEPTH		REMARK
MG24	7TH	30K	30K	16"×2"	1"×14"	18"		GR50
MG25	7TH	100K	100K	16"×2"	1"×14	18"		GR50
MG28	7TH	40K	40K	7"×1½"	⅜"×15"	18"		GR50
MG 51	5TH	180K	240K	16"×3"	1"×21	27"		GR42
MG 55	5TH	200K	300K	16"×3½	1"×26	33"		GR42
MG 61	6TH	200K	200K	16×3	1×18	24		GR42
MG-141	14TH	30K	30K	7×1	⅜×13	15"		GR50
MG-142	14TH	50K	50K	10×1	½×13	15		GR50
MG-152	15TH	190K	190K	7×2½	1×31	31"		A36
MG-331	23RD	105K	105K	7×2⅛	14×31	36		GR50

NOTES:

PLATE GIRDER STIFFENERS SHALL BE FITTED STIFFENERS AND TO BE PROVIDED ON EACH SIDE OF WEB. STIFFENER SHALL BE ATTACHED TO WEB WITH MIN. 5/16" FILLET WELD ON EACH FACE OF STIFFENER.

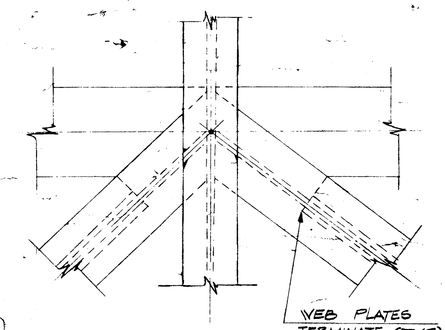
MILL THE WEB PLATES OF BUILT UP GIRDERS SHOWN ON THIS DWG.

FOR TYPICAL PLATE GIRDER DETAIL AND WELDING SEE DWG S-24

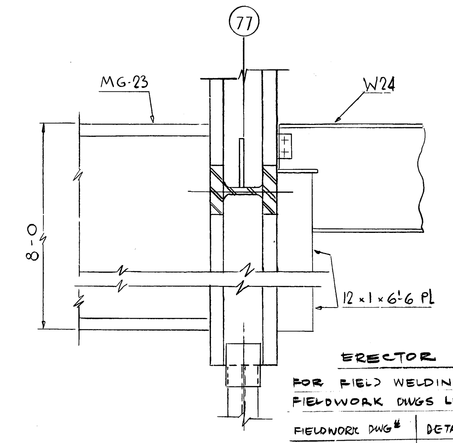
LEGEND:

(T=....) - TENSILE FORCE

(C=....) - COMPRESSIVE FORCE



DETAIL 1

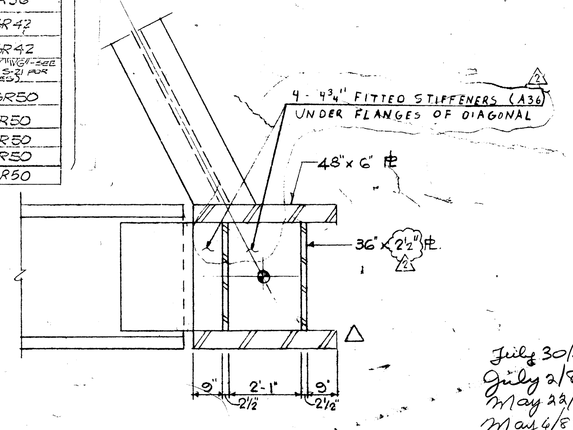


SECT 9

ERECTOR NOTE

FOR FIELD WELDING SEE FIELDWORK DWGS LISTED BELOW)

FIELDWORK DWG #	DETAIL #
FW16	1
FW14	2
FW9	1
FW28	1
FW29	1



SEE 977 DETAIL 2

NO.	DATE	BY	DESCRIPTION OF REVISION
13	SEP 17 '84	HT	FIELD WORK NOTE ADDED (X50)
12	JUN 6 '85	JM	MG27 - OPNG NOTE & BOLTS
11	MAY 31 '85	JM	1" BOLTS - A490
10	APR 26 '85	JM	FIELDWORK REF. ADDED
9	APR 9 '85	MJ	½" MILL DELETED ON SECTION 16
8	MAR 15 '85	MJ	DETAIL OF MG 27 REVISED, SHEET NO ADDED TO SHEET LISTING, REVISION, MISC. BILL, TRUSS MARK 15
7	MAR 14 '85	BW	CUSTOMERS GENERAL REVISION "X 116"
6	FEB 27 '85	BW	REVISED SIZE OF BM. ON ELEV. OF TRUSS N° 2 INFO BY PHONE
5	FEB 18 '85	BW	ADD INFO FOR MG 121, 122 & 152 TO SUIT REVISION "X 1"
4	FEB 8 '85	BW	ADD PL GIRDER SCHEDULE & DETAILS OF MG27 TOO
3	FEB 4 '85	BW	ADDED MG-210 TO PLATE GIRDER SCHEDULE
2			CUSTOMERS GENERAL REVISION
1			CUSTOMERS GENERAL REVISION

REVISIONS

July 30/85 E
July 2/85 E
May 29/85 E
May 6/85 E
Apr 9/85 E

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2

7 World Trade Center	CUSTOMER
Tishman Construction	ARCHITECT
Emery Roth & Sons P.C.	ENGINEER
Cantor P.C.	

SQUAD F.R
MADE BY J.T.B DATE JAN 85 CHKD. BY DATE
CONT. No. 84-15 SHEET E123