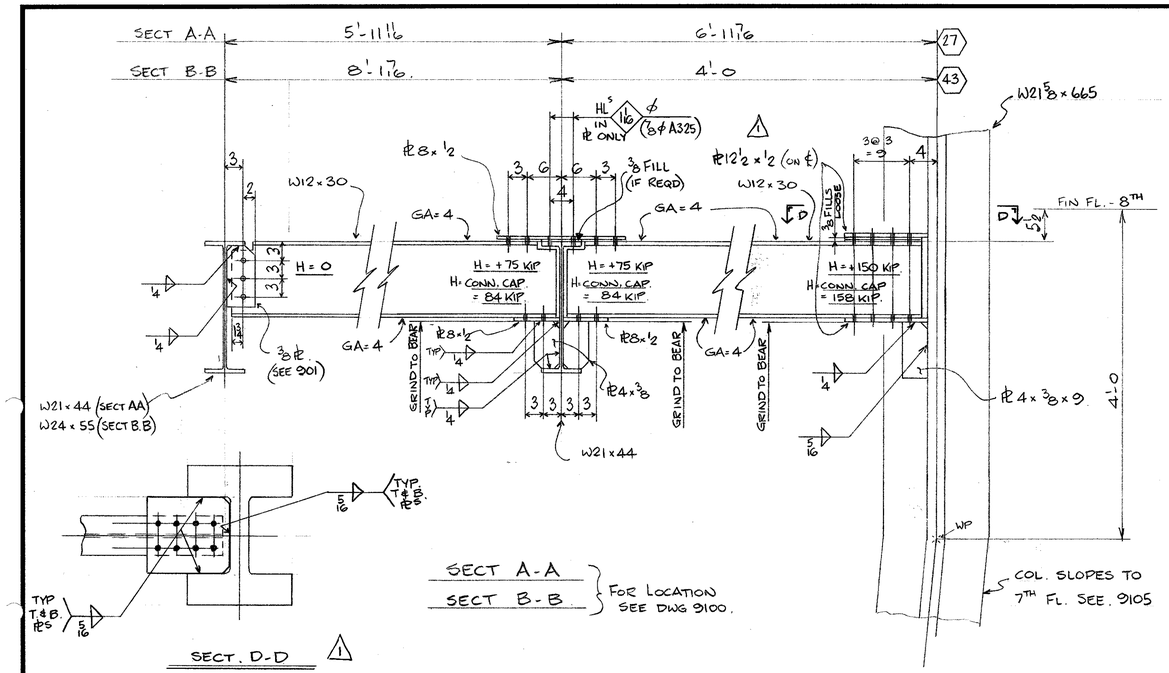
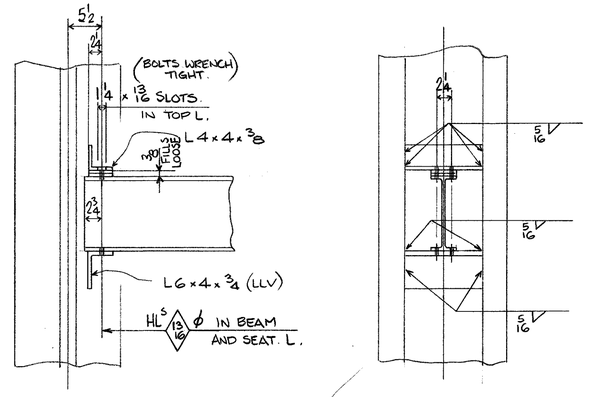




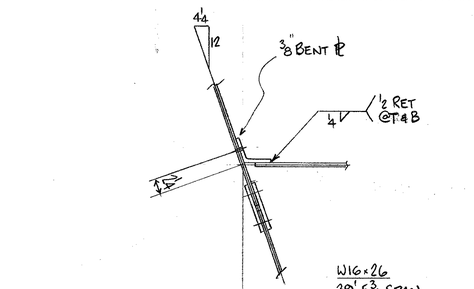
ALL BOLTS 3/4 ϕ A325 F

COL^M SEAT CONN.

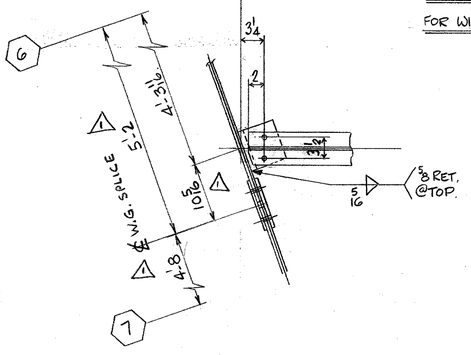
@ (27), (43) & (57)

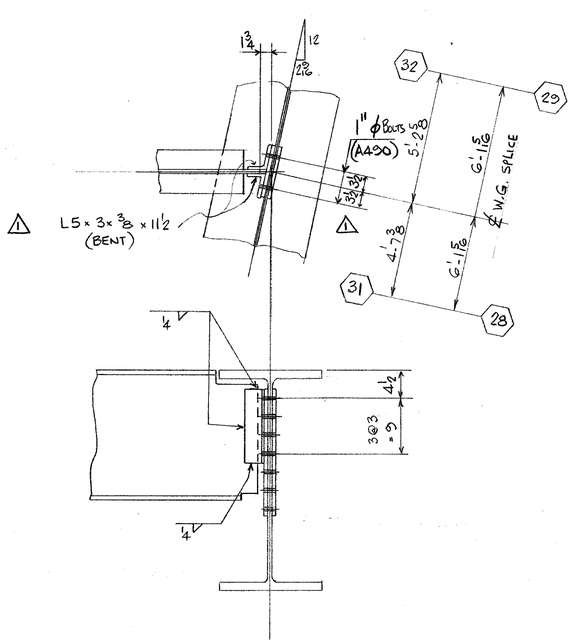
9TH TO 21ST FL

	BEAM SIZE	SPAN	CONN. CAP KIPS
A36	W12 x 19	4'-0	17.8
	W12 x 19	6'-11 7/16	17.8



BEAM TO WIND GIRDER CONN.
FOR W16 x 26 ON WEST WALL AS SHOWN





BEAM TO WIND GIRDER CONN.
ON EAST WALL

USE FOR THE FOLLOWING

BEAM SIZE	SPAN	REACTION KIPS	CONN. CAP. KIPS.
W24x55	54'-1 13/16	35	79
W21x44	44'-2 1/2	41	79

ALL BEAMS A572-GR50 U/N.
ALL DETAIL MATL G40.21-44W
USE E70XX ELECTRODES
ALL BOLTS 7/8" ϕ HT. A325 U/N.
FRICTION VALUE - 10.5 KIPS/BOLT U/N.
CONN^S ARE FOR 8TH TO 21ST FL ONLY. U/N.

July 8/85E

REVISED			
DATE	BY	OPEN HOLES	15/16 ϕ U/N
DATE	BY	PAINT	
DATE	BY	ERECTED BY	
DATE	BY	FIELD PAINT	
REV. AS SHOWN 1 DATE APR 16 85	BY HL	INSPECTION	

BEAM TO COL & BEAM TO BEAM CONNS.
7 WORLD TRADE CENTER
TISHMAN CONSTRUCTION — CUSTOMER
EMERY ROTH & SONS P.C. — ARCHITECT
IRWIN G CANTOR P.C. — ENGINEER

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

SQUAD FR
MADE BY HL DATE MAR 85 CHKD. BY BF DATE APR 24/85
CONT. No. 84-15 SHEET 9150