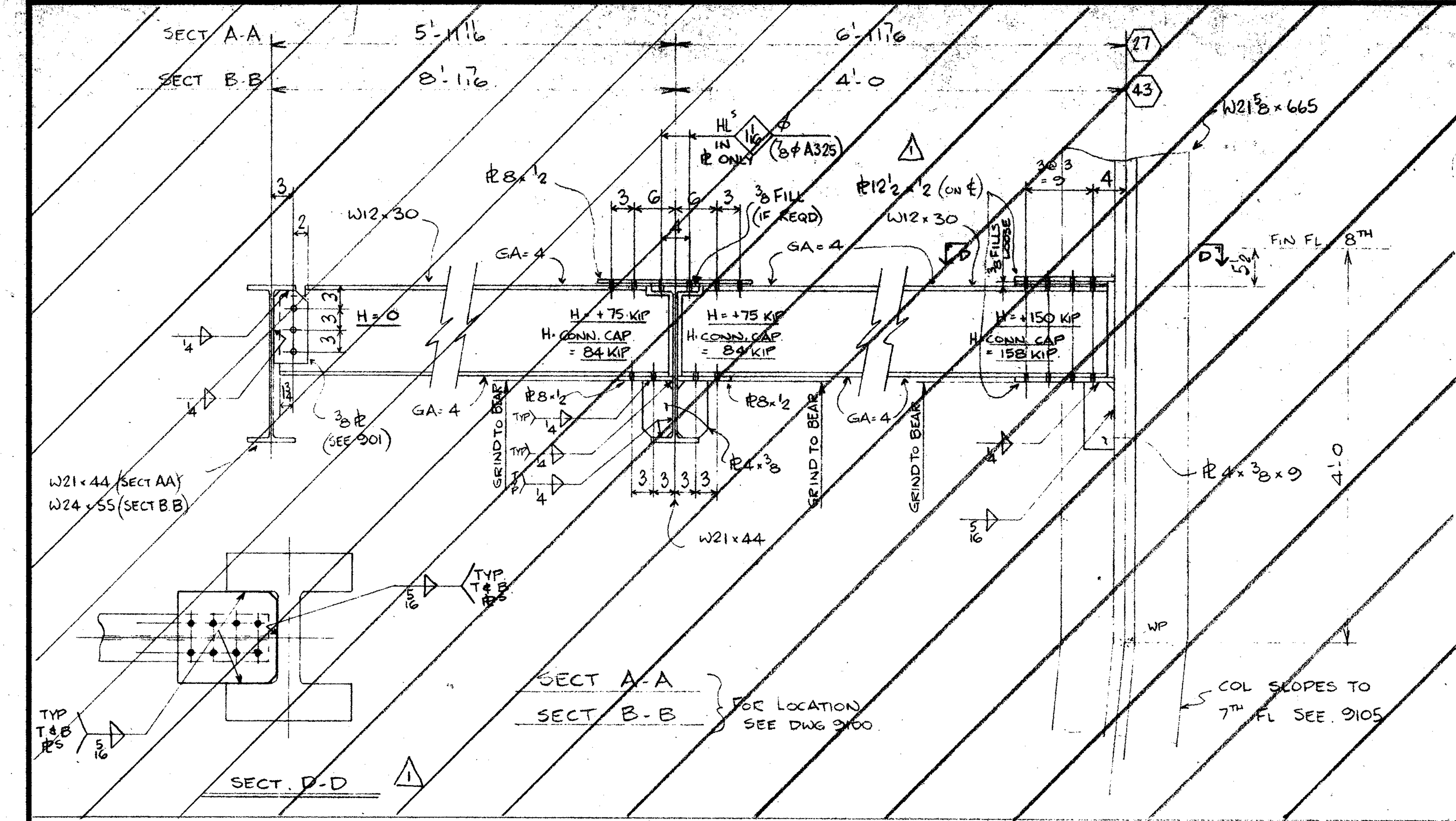
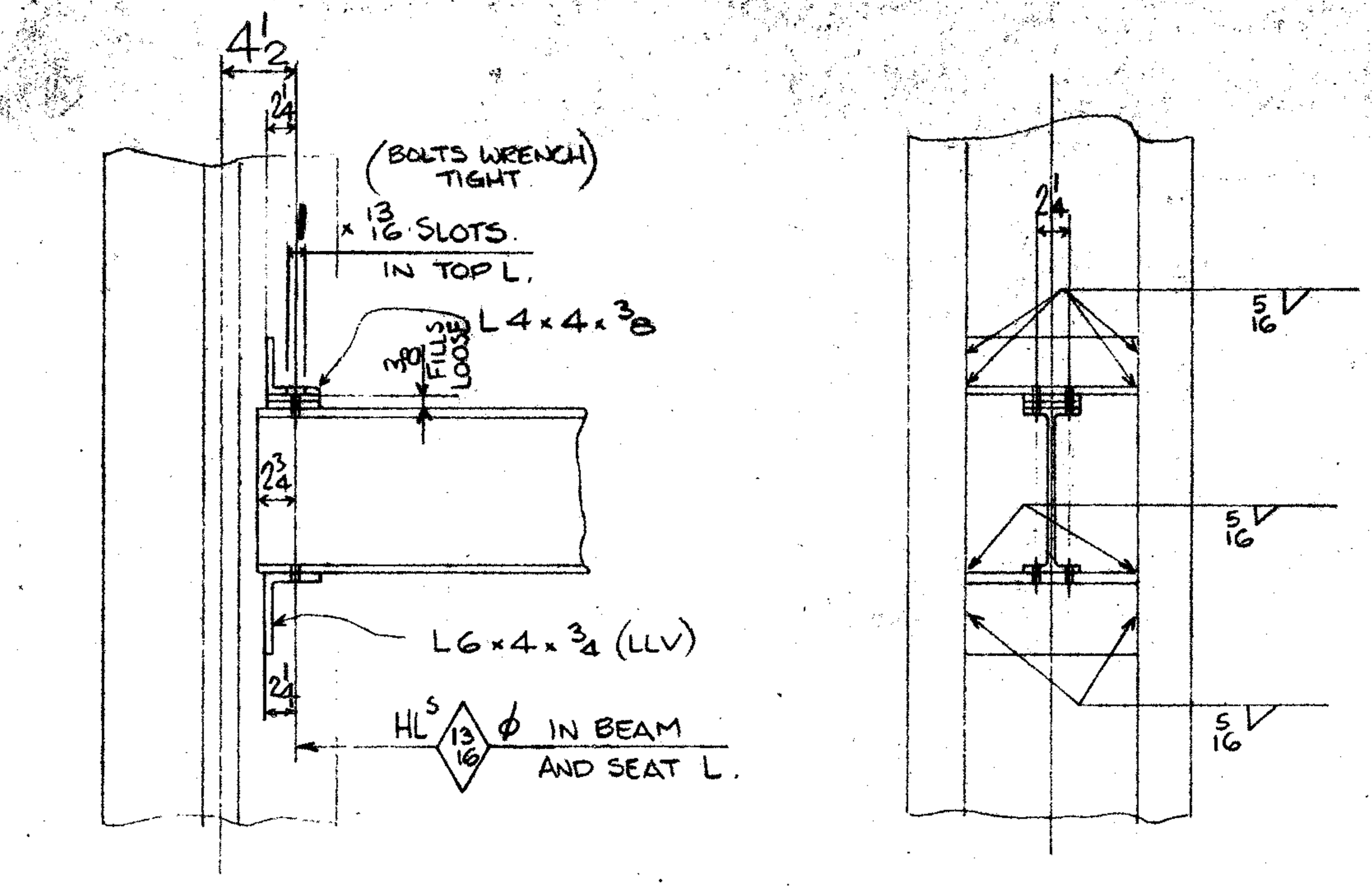
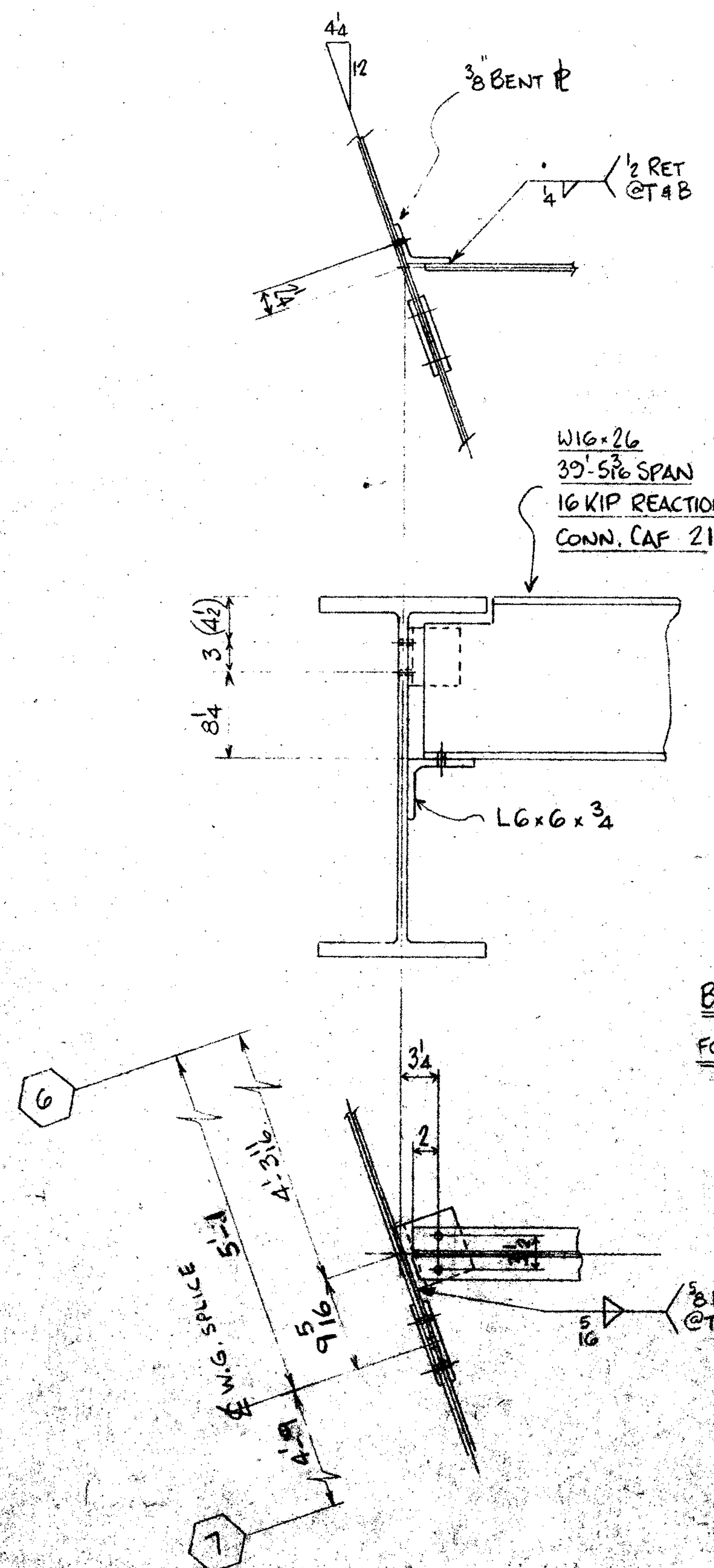




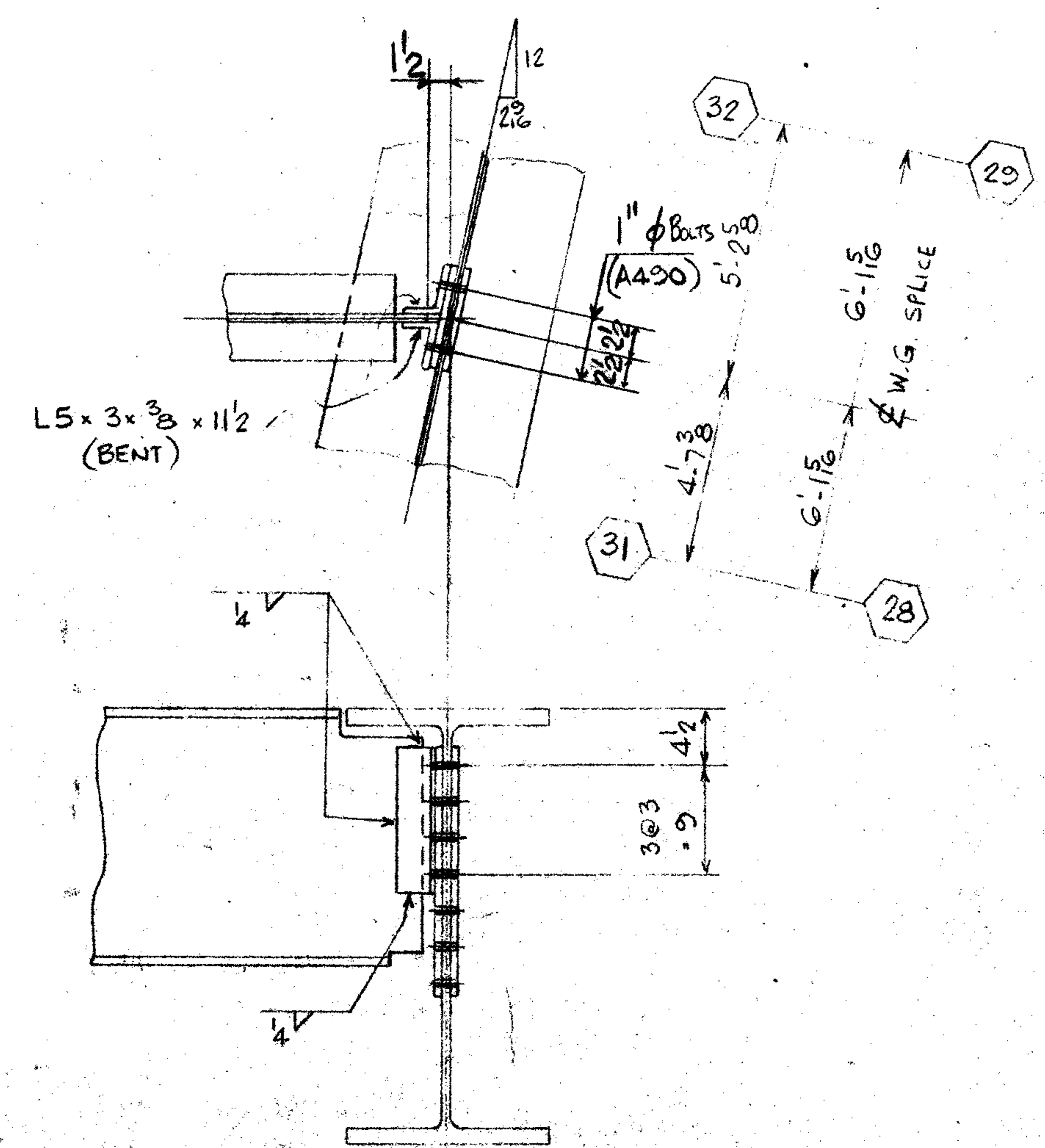
ALL BOLTS 3/4φ A325 F

COL^M SEAT CONN.
@ 27, 43 & 57

	BEAM SIZE	SPAN	CONN. CAP KIPS
A36	W12x19	4'-0	17.8
	W12x19	6'-11 7/16	17.8



BEAM TO WIND GIRDER CONN
FOR W16x26 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 38^TH TO 45^TH FL ONLY

SEE DWG. 9171 FOR LOCATIONS

REVISED		
DATE ___ BY ___	OPEN HOLES 15/16 φ U/N	BEAM TO COL. & BEAM TO BEAM CONNS. 38TH TO 45TH FL.
DATE ___ BY ___	PAINT	7 WORLD TRADE CENTER
DATE ___ BY ___	ERECTED BY	TISHMAN CONSTRUCTION CUSTOMER
DATE ___ BY ___	FIELD PAINT	EMERY ROTH & SONS P.C. ARCHITECT
DATE ___ BY ___	INSPECTION	IRWIN G. CANTOR P.C. ENGINEER

FRANKEL STEEL LIMITED
220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO

SQUAD FR
MADE BY BF DATE JULY 85 CHKD. BY ✓ DATE
CONT. No. 84-15 SHEET 9178