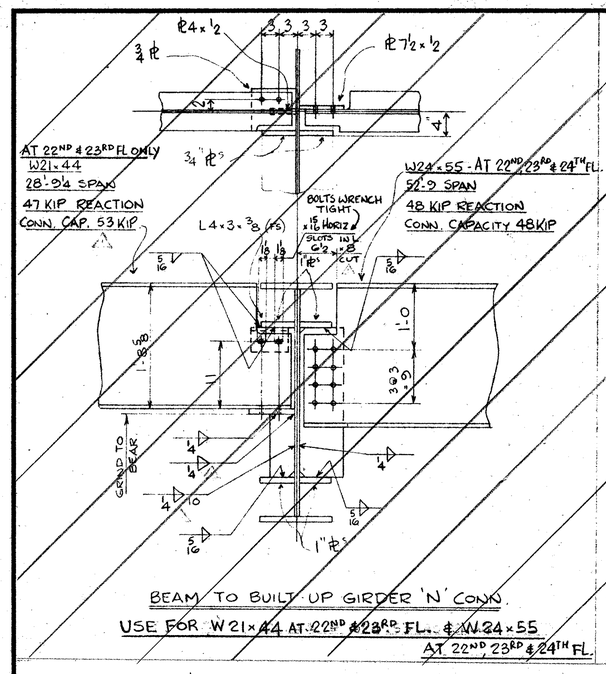
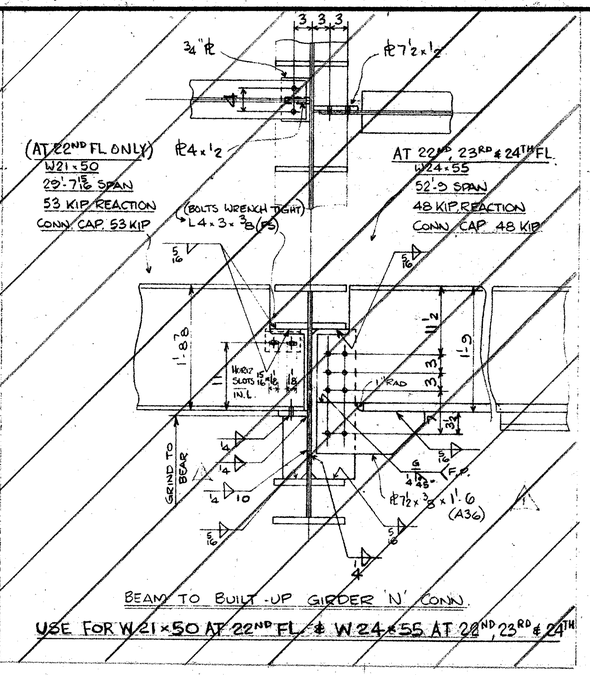


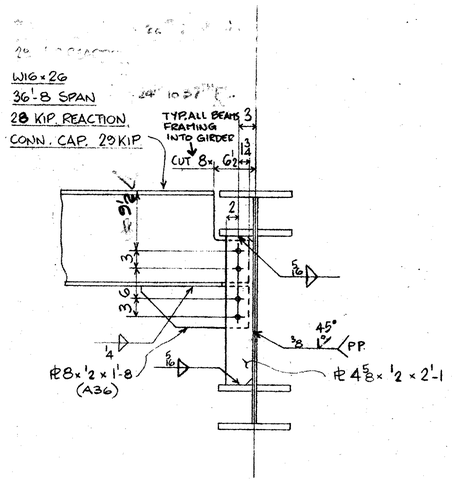
BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21 x 44 AT 22ND & 23RD FL. & W24 x 55 AT 22ND, 23RD & 24TH FL.

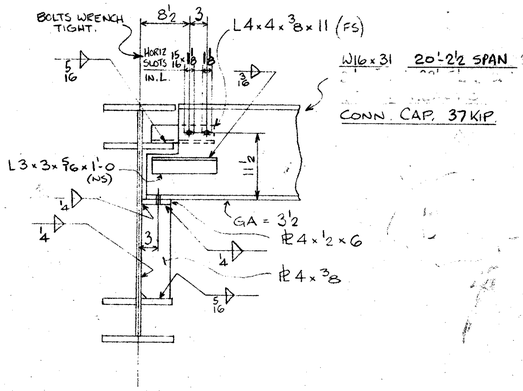


BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21 x 50 AT 22ND FL. & W24 x 55 AT 22ND, 23RD & 24TH



BEAM TO BUILT-UP GIRDER 'S' CONN.



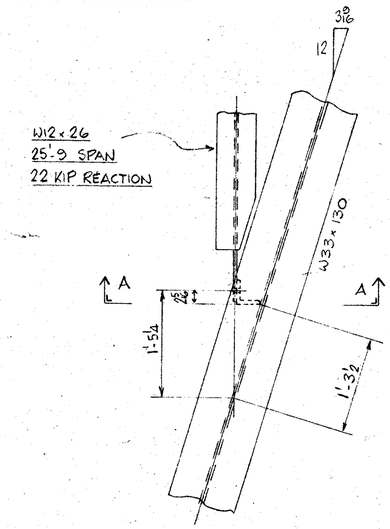
BEAM TO BUILT-UP GIRDER 'S' CONN

BEAM TO BEAM SEAT CONN.

ON BEVEL

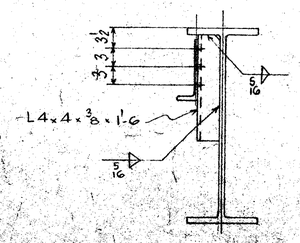
USE FOR THE FOLLOWING :-

	BEAM SIZE	SPAN	REACTION KIPS	CONN. CAP. KIPS
CORE AREA SOUTH END	W14 x 22	28'-10 5/16	17	21.8
CORE AREA NORTH & SOUTH ENDS	W14 x 22	28'-9 9/16	17	
	W14 x 22	29'-8 5/16	17	
	W14 x 22	30'-1 1/8	17	
	W14 x 26	30'-7	22	
	W14 x 26	31'-5 5/8	19	
CORE AREA NORTH END	W14 x 22	22'-1 11/16	20	
		24'-0 11/16 to 25'-9 7/8	20	
CORE AREA SOUTH END	W14 x 22	27'-4 3/4	18	



BEAM TO BEAM CONN.

USE FOR W12 x 26 AS SHOWN



SECT A-A

ALL BEAMS AND GIRDERS A572 - GR50

ALL DETAIL MATL G40.21-44W Y/N

USE E70 XX ELECTRODES

ALL BOLTS 7/8 ø HT A325

FRICTION VALUE = 10.5 KIPS/BOLT

CONNS ARE FOR 38TH TO 45TH FL ONLY

SEE DWG. 9171 FOR LOCATIONS

REVISED			
DATE ____ BY ____	OPEN HOLES ____	BEAM TO BEAM & BUILT-UP GDR. CONNS 38TH TO 45TH FL.	FRANKEL STEEL LIMITED
DATE ____ BY ____	PAINT ____	7 WORLD TRADE CENTER	220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5Z5
DATE ____ BY ____	ERECTED BY ____	TISHMAN CONSTRUCTION — CUSTOMER	SQUAD F.R
DATE ____ BY ____	FIELD PAINT ____	EMERY ROTH & SONS P.C. — ARCHITECT	MADE BY BP DATE JULY 85 CHKD. BY ✓ DATE
DATE ____ BY ____	INSPECTION ____	IRWIN G CANTOR P.C. — ENGINEER	CONT. No. 84-15 SHEET 9177