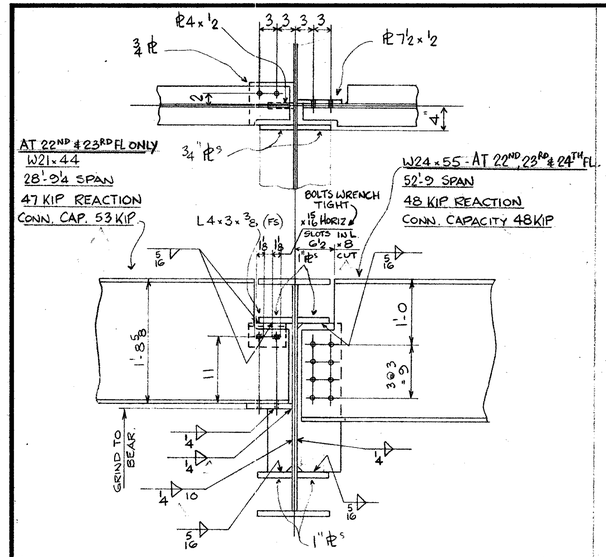
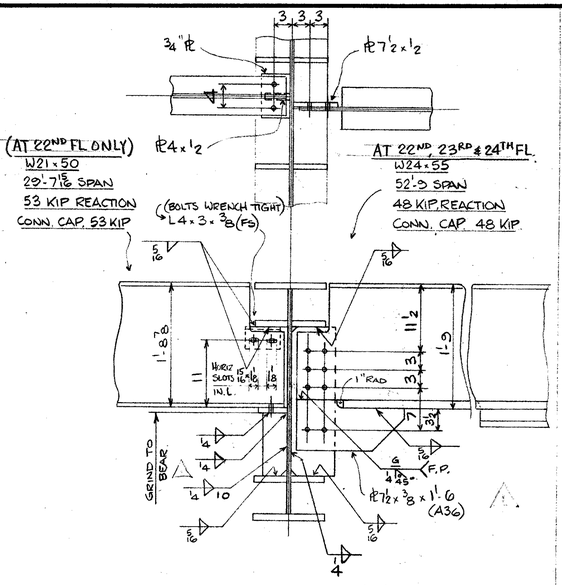


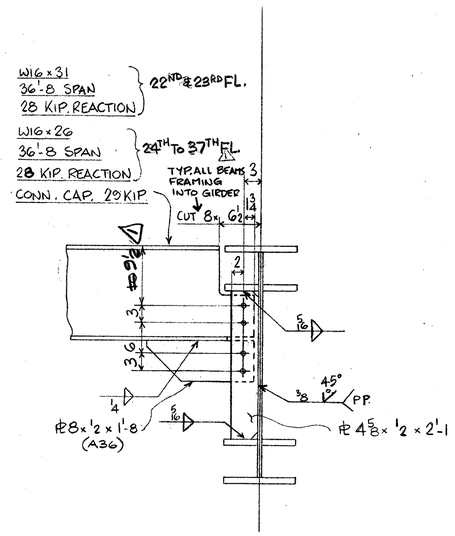
BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21x44 AT 22ND & 23RD FL. & W24x55 AT 22ND, 23RD & 24TH FL.



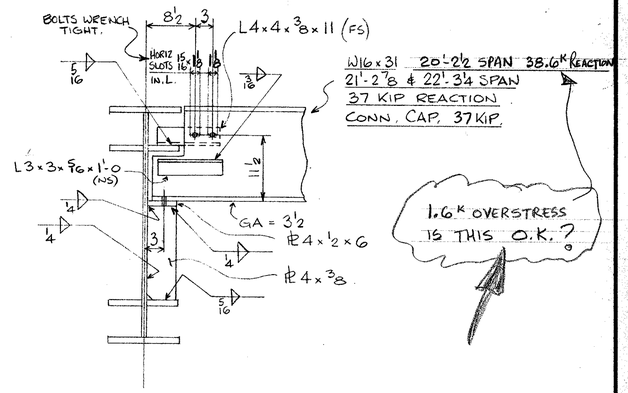
BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21x50 AT 22ND FL. & W24x55 AT 22ND, 23RD & 24TH



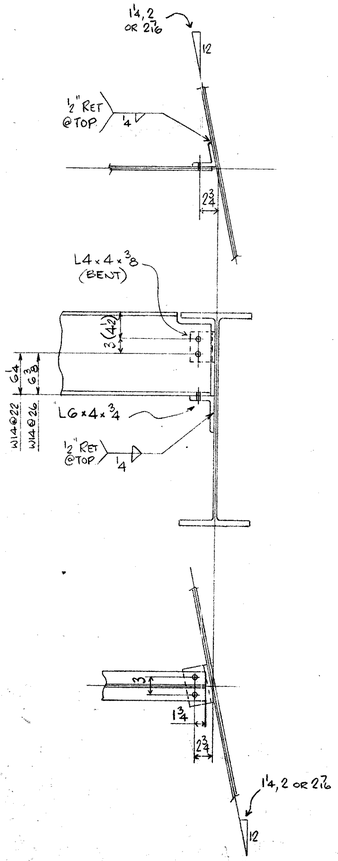
BEAM TO BUILT-UP GIRDER 'S' CONN.

USE FOR W16x26 AND W16x31 AS SHOWN



BEAM TO BUILT-UP GIRDER 'S' CONN

USE FOR W16x31 AS SHOWN

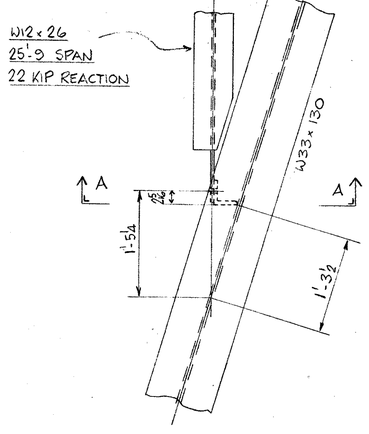


BEAM TO BEAM SEAT CONN.

ON BEVEL

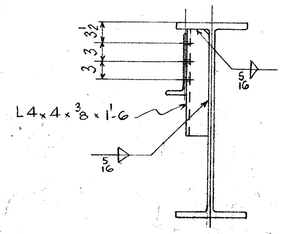
USE FOR THE FOLLOWING :-

	BEAM SIZE	SPAN	REACTION KIPS	CONN. CAP. KIPS.
CORE AREA SOUTH END	W14x22	28'-9 3/8 28'-10 5/16	17	21.8
CORE AREA NORTH & SOUTH ENDS	W14x22	28'-9 9/16	17	
	W14x22	29'-8 5/16 29'-9 1/2	17	
	W14x22	30'-2 3/4 TO 30'-7 9/16	17	
	W14x26	30'-7	22	
21ST FL	W14x22	31'-5 5/8	17	
8 20TH FL	W14x26	31'-5 5/8	19	
CORE AREA NORTH END	W14x22	22'-2 5/8 22'-11 1/16	20	
		24'-0 1/16 TO 25'-10 1/2	20	
CORE AREA SOUTH END	W14x22	27'-5 1/4 27'-4 3/4	18	



BEAM TO BEAM CONN.

USE FOR W12x26 AS SHOWN



SECT A-A

ALL BEAMS AND GIRDERS A572-GR50
ALL DETAIL MATL G40.21-44W U/N
USE E70 XX ELECTRODES
ALL BOLTS 7/8 ϕ HT A325
FRICTION VALUE - 10.5 KIPS/BOLT
CONNS ARE FOR 22ND TO 37TH FL ONLY U/N

SEE DWG. 9154 FOR LOCATIONS

REVISED			
DATE ____ BY ____	OPEN HOLES ____	BEAM TO BEAM & BUILT-UP GDR. CONNS. 22ND TO 37TH FL.	FRANKEL STEEL LIMITED
DATE ____ BY ____	PAINT ____	7 WORLD TRADE CENTER	220 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B2
DATE ____ BY ____	ERECTED BY ____	TISHMAN CONSTRUCTION — CUSTOMER	SQUAD FR
DATE ____ BY ____	FIELD PAINT ____	EMERY ROTH & SONS P.C. — ARCHITECT	MADE BY BF DATE MAY 85 CHKD. BY BW DATE MAY 85
DATE MAY 29 85 BY SL	INSPECTION ____	IRWIN G CANTOR P.C. — ENGINEER	CONT. No. 84-15 SHEET 9160