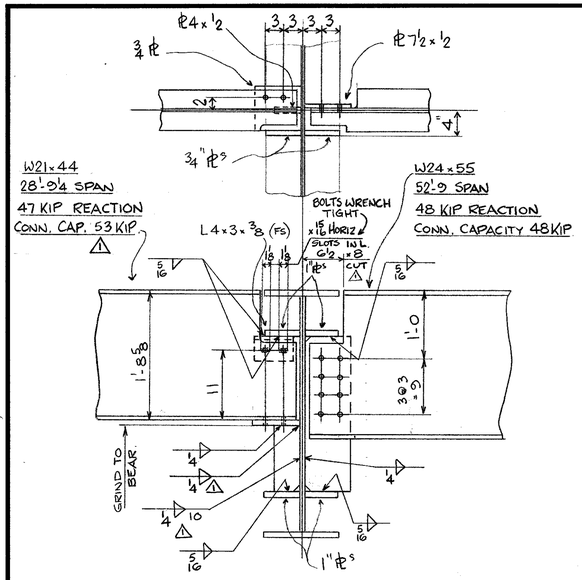
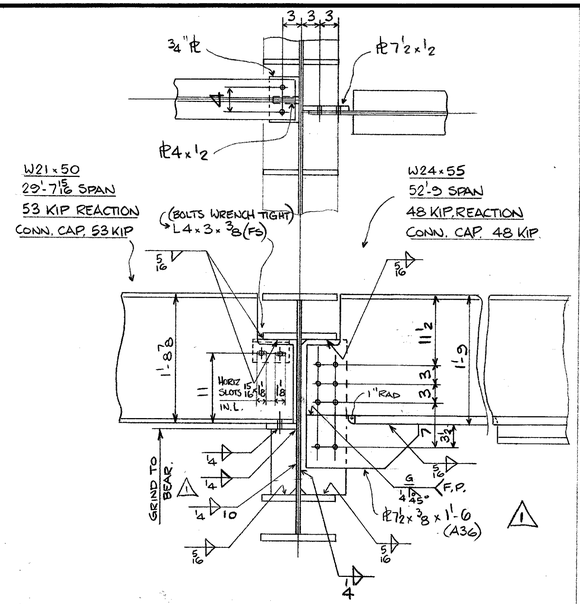


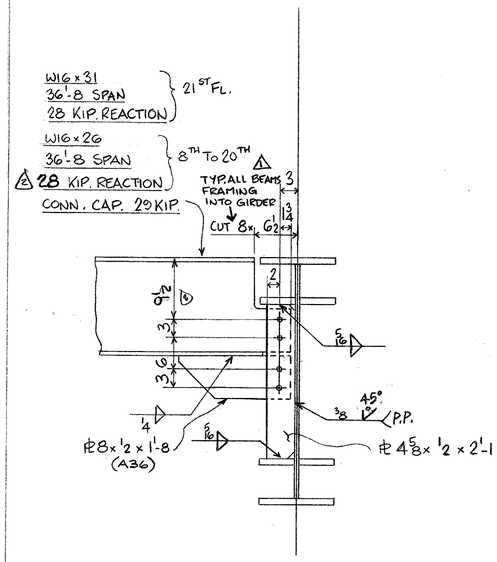
BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21×44 & W24×55 AS SHOWN



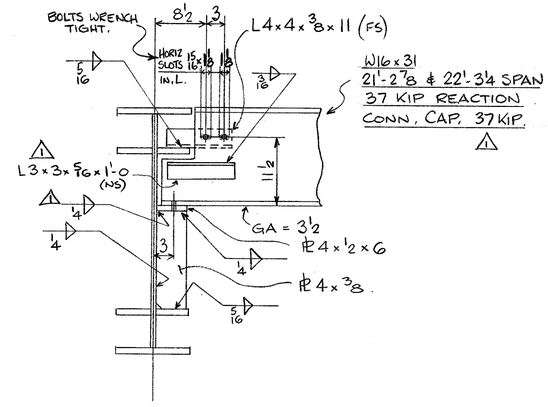
BEAM TO BUILT-UP GIRDER 'N' CONN.

USE FOR W21×50 & W24×55 AS SHOWN



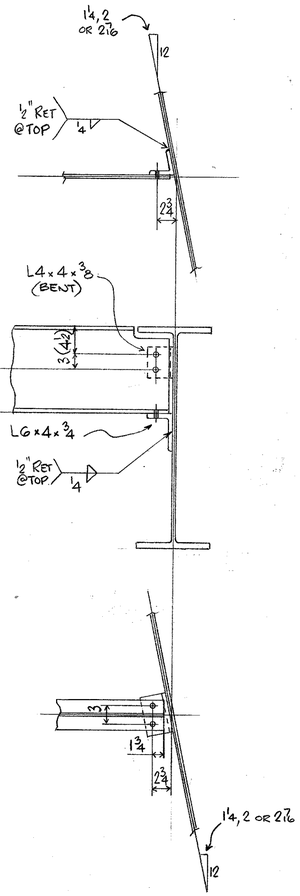
BEAM TO BUILT-UP GIRDER 'S' CONN.

USE FOR W16×26 AND W16×31 AS SHOWN



BEAM TO BUILT-UP GIRDER 'S' CONN

USE FOR W16×31 AS SHOWN

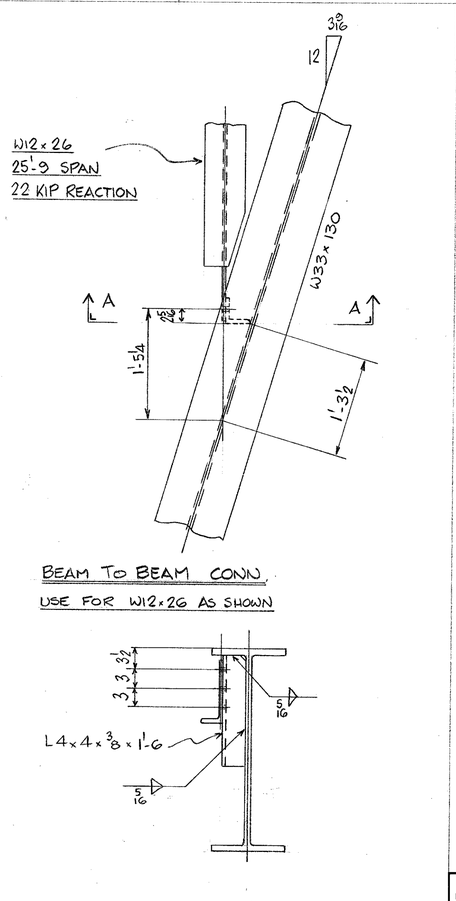


BEAM TO BEAM SEAT CONN.

ON BEVEL

USE FOR THE FOLLOWING :-

	BEAM SIZE	SPAN	REACTION KIPS	CONN. CAP. KIPS.
CORE AREA SOUTH END	W14×22	27'-5 1/4	18	21.8
CORE AREA NORTH & SOUTH ENDS	W14×22	29'-4 5/8	17	
	W14×22	29'-9 1/2	17	
CORE AREA NORTH & SOUTH ENDS 8TH TO 21ST FL	W14×22	30'-7 9/16	17	
5TH TO 20TH FL	W14×26	30'-7 9/16	22 (4)	
21ST FL	W14×22	31'-5 5/8	17	
5TH TO 20TH FL	W14×26	31'-5 5/8	19	
CORE AREA NORTH END	W14×22	24'-7 1/4	20	
		25'-0 3/16	20	
		25'-10 1/2	20	



BEAM TO BEAM CONN.

USE FOR W12×26 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 8TH TO 21ST FL ONLY.

July 8/85E

REVISED				
DATE ____ BY ____	OPEN HOLES ____	BEAM TO BEAM & BUILT-UP GDR. CONNS.	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 May 9/85 BY BF	FIELD PAINT ____	EMERY ROTH & SONS P.C. (ARCHITECT)	MADE BY HL DATE MAR 85 CHKD. BY BF DATE APR 1/85	
DATE Apr 19/85 BY HL	INSPECTION ____	IRWIN G CANTOR P.C. (ENGINEER)	CONT. No. 84-15 SHEET 9135	

TO APPROVAL (2)

REV. AS SHOWN (1)