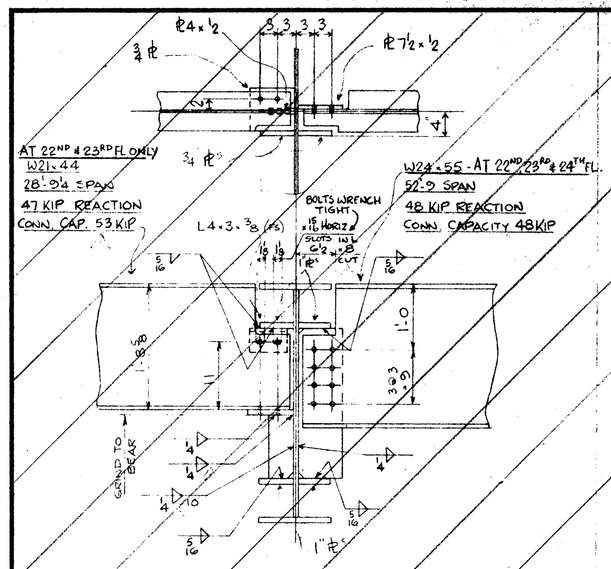
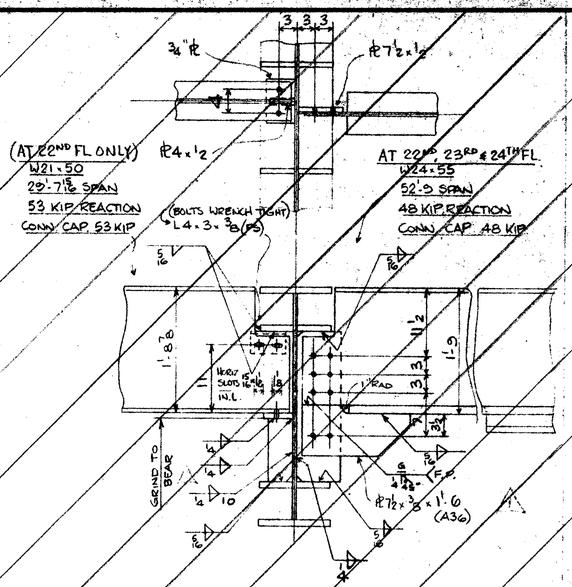


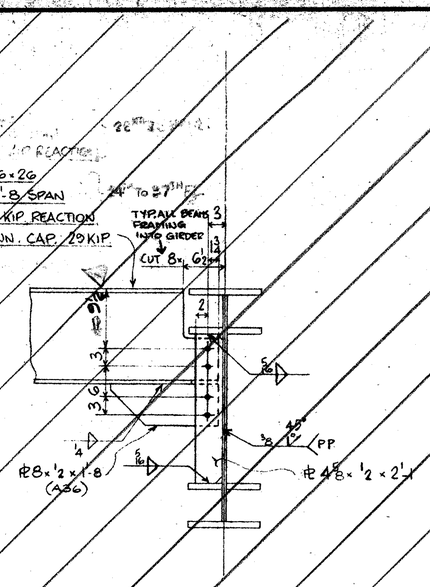
BEAM TO BUILT UP GIRDER 'N' CONN.

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

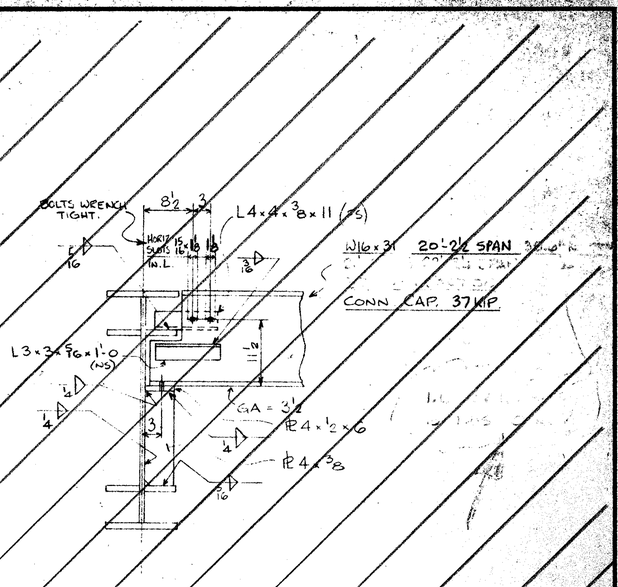


BEAM TO BUILT-UP GIRDER 'N' CONN.

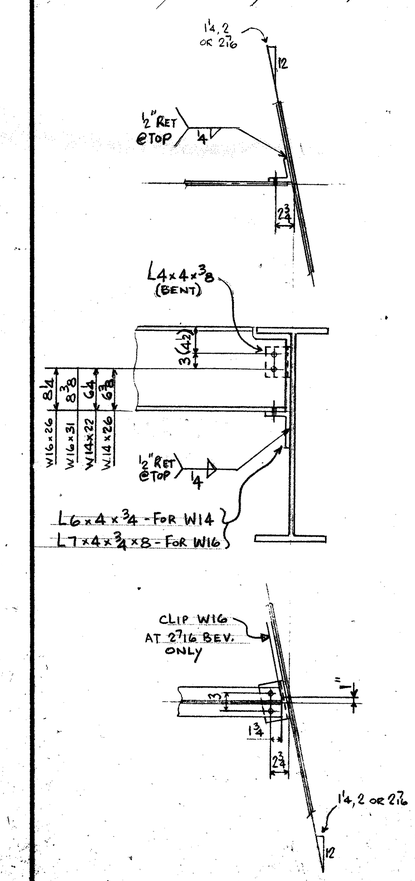
USE FOR W21x50 AT 22ND FL & W24x55 AT 22ND, 23RD & 24TH



BEAM TO BUILT-UP GIRDER 'S' CONN.



BEAM TO BUILT-UP GIRDER 'S' CONN.

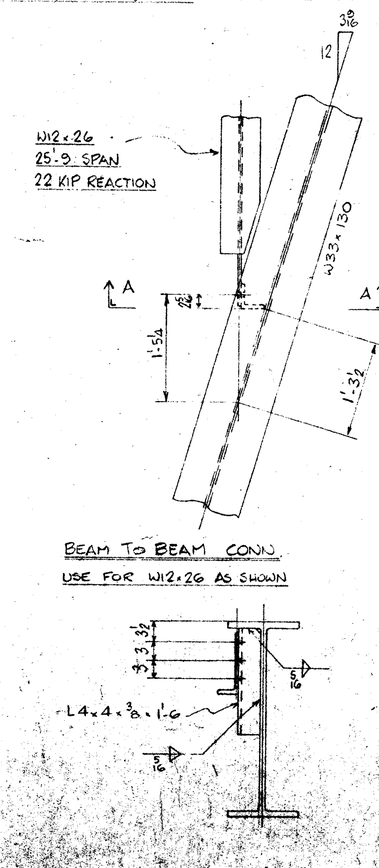


BEAM TO BEAM SEAT CONN

ON BEVEL

USE FOR THE FOLLOWING :-

	BEAM SIZE	SPAN	REACTION KIPS	CONN. CAP. KIPS
CORE AREA SOUTH END		28'-1"		21
CORE AREA NORTH & SOUTH ENDS		29'-7 15/16		
CORE AREA NORTH & SOUTH ENDS	W14x22	29'-8 5/16	17	21.8
	W14x26	30'-7	22	
	W14x26	31'-5 5/8	19	
CORE AREA NORTH END	W14x22	24'-2 7/16 TO 25'-9 7/8	20	
CORE AREA SOUTH END	W14x22	27'-9 3/4	18	
CORE AREA NORTH & SOUTH ENDS	W16x31	28'-9 9/16	27	27
	W16x26	29'-3 7/16	22	27



BEAM TO BEAM CONN.

USE FOR W12x26 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 ϕ HT A325
FRICTION VALUE - 10.5 KIPS/BOLT
CONNS ARE FOR 46TH FLOOR ONLY
SEE DWG. 9181 FOR LOCATIONS

REVISED		
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	
DATE	BY	

OPEN HOLES	
PAINT	
DIRECTED BY	
FIELD PAINT	
INSPECTION	

BEAM TO BEAM & BUILT-UP GDR. CONNS 46TH FL.

2 WORLD TRADE CENTER

TISHMAN CONSTRUCTION — CUSTOMER

EMERY ROTH & SONS P.C. — ARCHITECT

IRWIN G CANTOR P.C. — ENGINEER

FRANKEL STEEL LIMITED
238 ATTWELL DRIVE UNIT 1 REXDALE, ONTARIO M9W 5B4

SCALE FR | MADE BY BP | DATE Sept 85 | CHKD BY | DATE

CONT. No. 84-15 | SHEET 9187