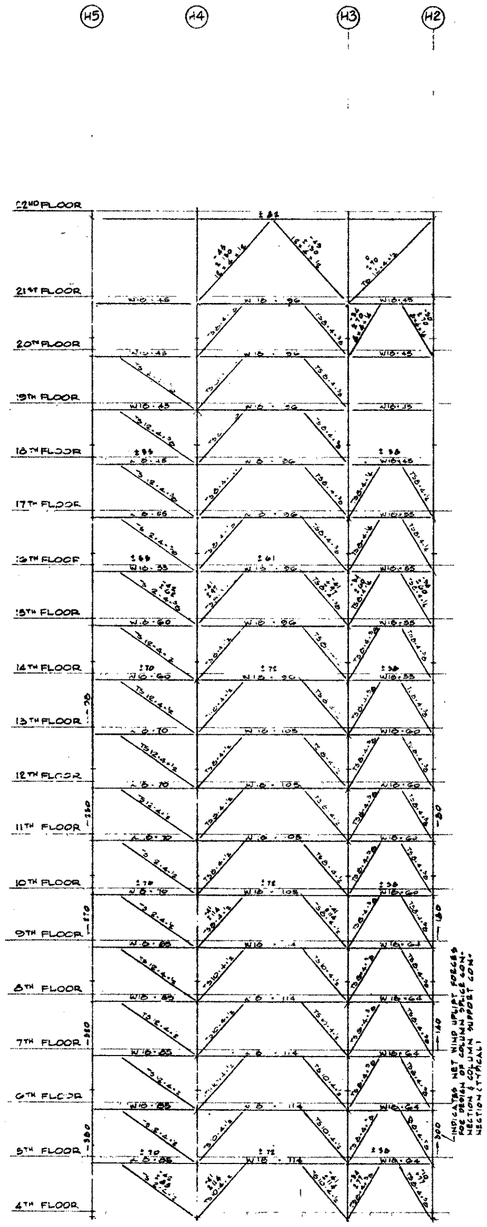
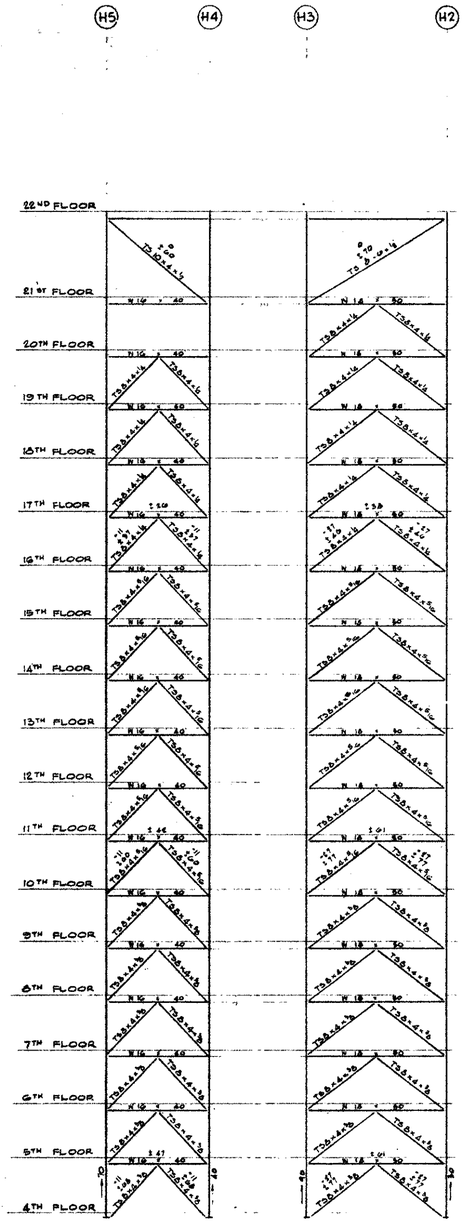
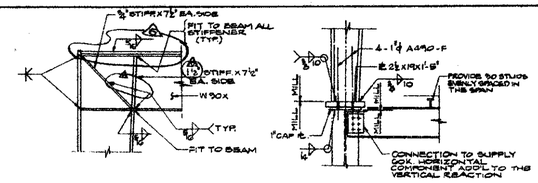


WIND BENT Nº 5 AT
COLUMN LINE 13

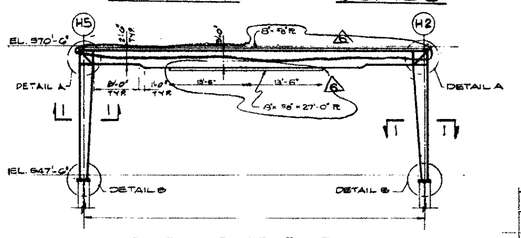


WIND BENT NO. 6 AT
COLUMN LINE 11

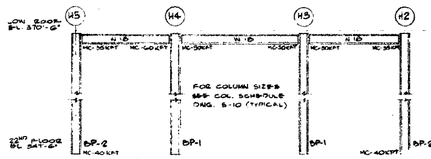
NOTES:
1. DESIGN CONNECTIONS FOR LOADS SHOWN AT CHANGE IN MEMBER SIZES UNLESS OTHER WISE NOTED.
2. AXIAL FORCES ON WIND MEMBERS ARE GIVEN IN KIPS.
3. TOP LINE INDICATES GRAVITY FORCE & SECOND LINE INDICATES WIND FORCE
   + INDICATES TENSION IN MEMBERS
   - INDICATES COMPRESSION IN MEMBERS



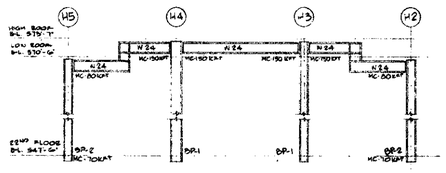
DETAIL A DETAIL B



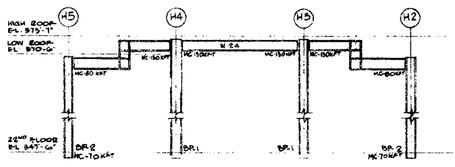
ROOF WIND BENT AT
COLUMN LINES 6, 7 & 8



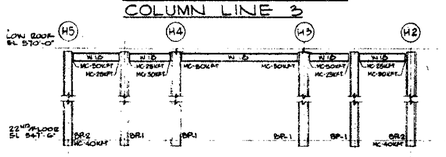
ROOF WIND BENT AT
COLUMN LINE 1



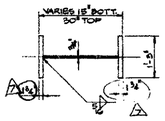
ROOF WIND BENT AT
COLUMN LINE 2

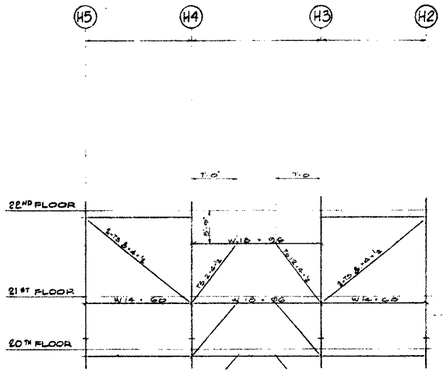


ROOF WIND BENT AT
COLUMN LINE 3

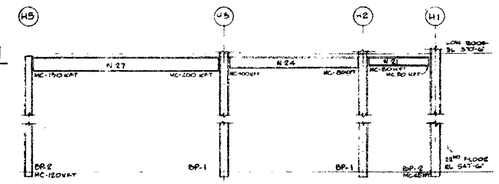


ROOF WIND BENT AT
COLUMN LINE 5

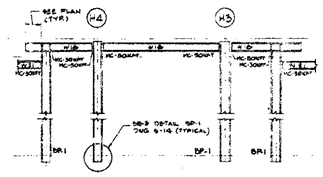




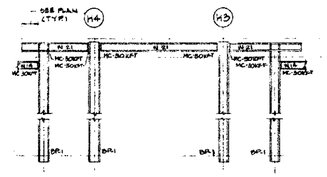
WIND BENT Nº 2B AT
COLUMN LINE 7



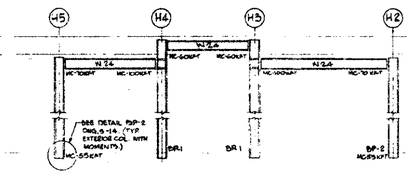
ROOF WIND BENTS AT
COLUMN LINES 9 & 10



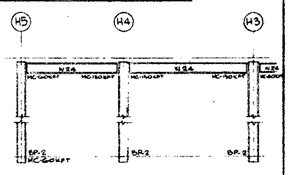
ROOF WIND BENT AT
COLUMN LINE 3.4



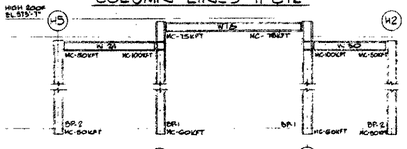
ROOF WIND BENT AT
COLUMN LINE 4.2



ROOF WIND BENT AT
COLUMN LINES 11 & 12



ROOF WIND BENT AT
COLUMN LINE 5.5



ROOF WIND BENT AT
COLUMN LINE 13

NOTES:
1. - FOR COL. SIZES SEE COLUMN SCHEDULE DWG. S-10
2. - FOR COLUMN BASE DETAIL OF ROOF WIND BENT SEE DETAIL BP-1 DWG S-14. PROVIDE AT BASE OF WIND BENT COLUMNS WITH BEAMS AT ONE SIDE ONLY. DETAIL SIMILAR TO BP-1 WITH CAPACITY AS SHOWN IN THIS ELEVATION.

RECEIVED
FEB 8 1991
LESLIE E. ROBERTSON ASSOCIATES
211 EAST 46TH ST., N.Y.C. 10017

AS-BUILT DWGS

WORLD TRADE CENTER HOTEL

THE WORLD TRADE CENTER
NEW YORK NEW YORK

SKIDMORE, OWINGS & MERRILL
ARCHITECTS
400 PARK AVENUE, NEW YORK

WEISKOPF & PICKWORTH
STRUCTURAL ENGINEERS
200 PARK AVENUE, NEW YORK

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS
345 PARK AVENUE, NEW YORK

NO.	DATE	REVISIONS
6	2-7-79	SEE BULLETIN # 32
5	3-20-79	SEE BULLETIN # 19
	5-15-79	ISSUED FOR PORT AUTHORITY REVIEW
4	11-15-79	BULLETIN # 15
	1-3-79	ISSUED TO PORT AUTHORITY
3	12-6-78	SEE BULLETIN # 11
2	10-27-78	SEE BULLETIN # 6
	10-16-78	ISSUED TO PORT AUTHORITY
1	10-2-78	ISSUED FOR WIND BEAM TO BE TO UNDERSIDE OF SLOT FL.
	8-25-78	ISSUED FOR STRUCTURAL STEEL ONLY, ROOM 22ND FLOOR THRU ROOF
	7-31-78	ISSUED FOR STRUCTURAL STEEL ONLY, FROM 4TH FLOOR THRU 21ST FLOOR

WIND BENTS & DETAILS
SHEET 2

DATE: JUNE 1, 1978
SCALE:
DRAWING NO. S-12