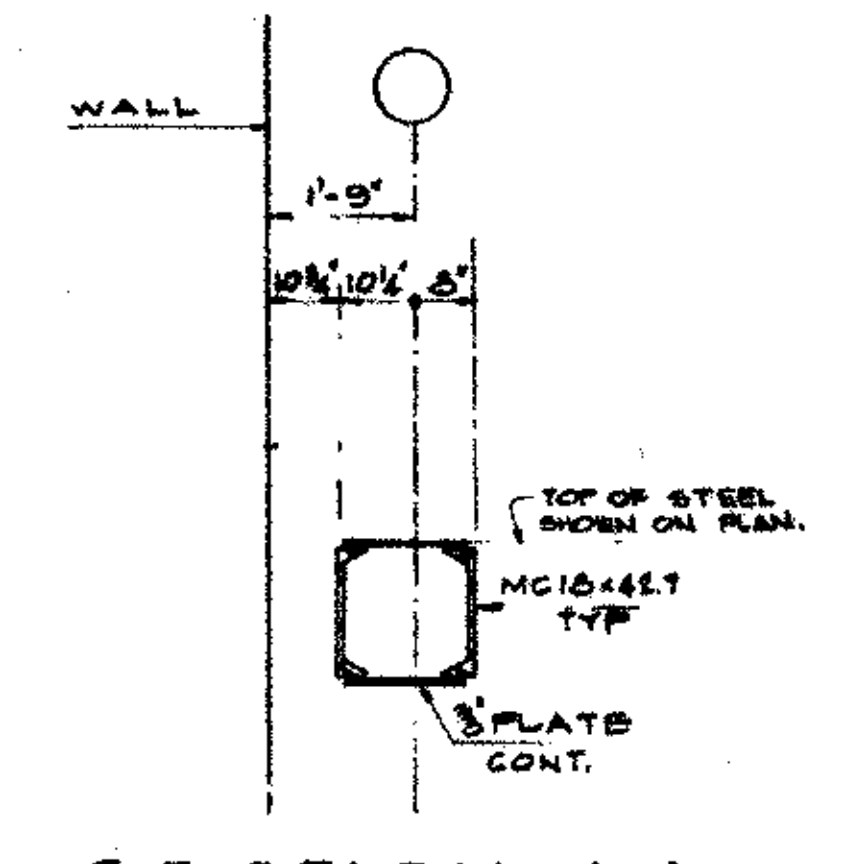
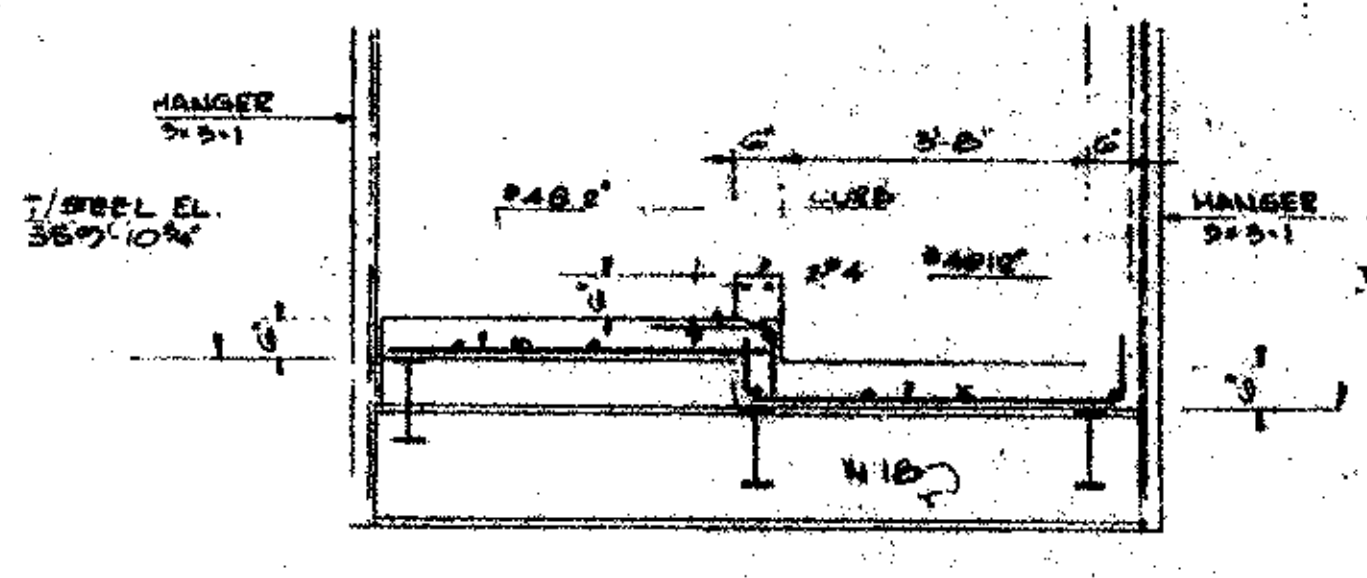
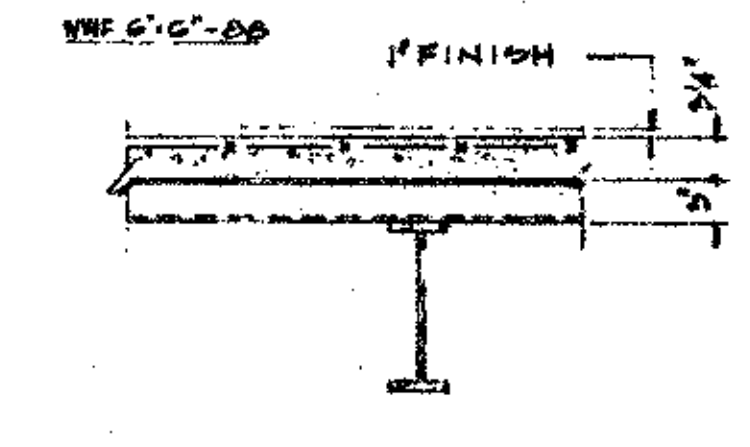


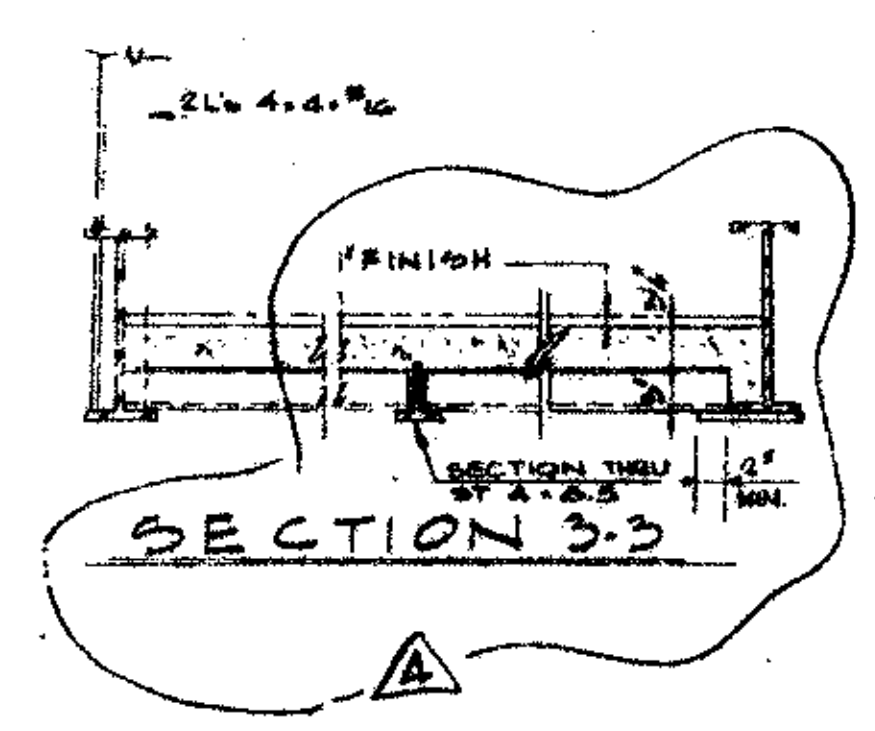
SECTION 1-1
SCALE: 1/2"=1'-0"



SECTION 2-2
SCALE 2"=1'-0"

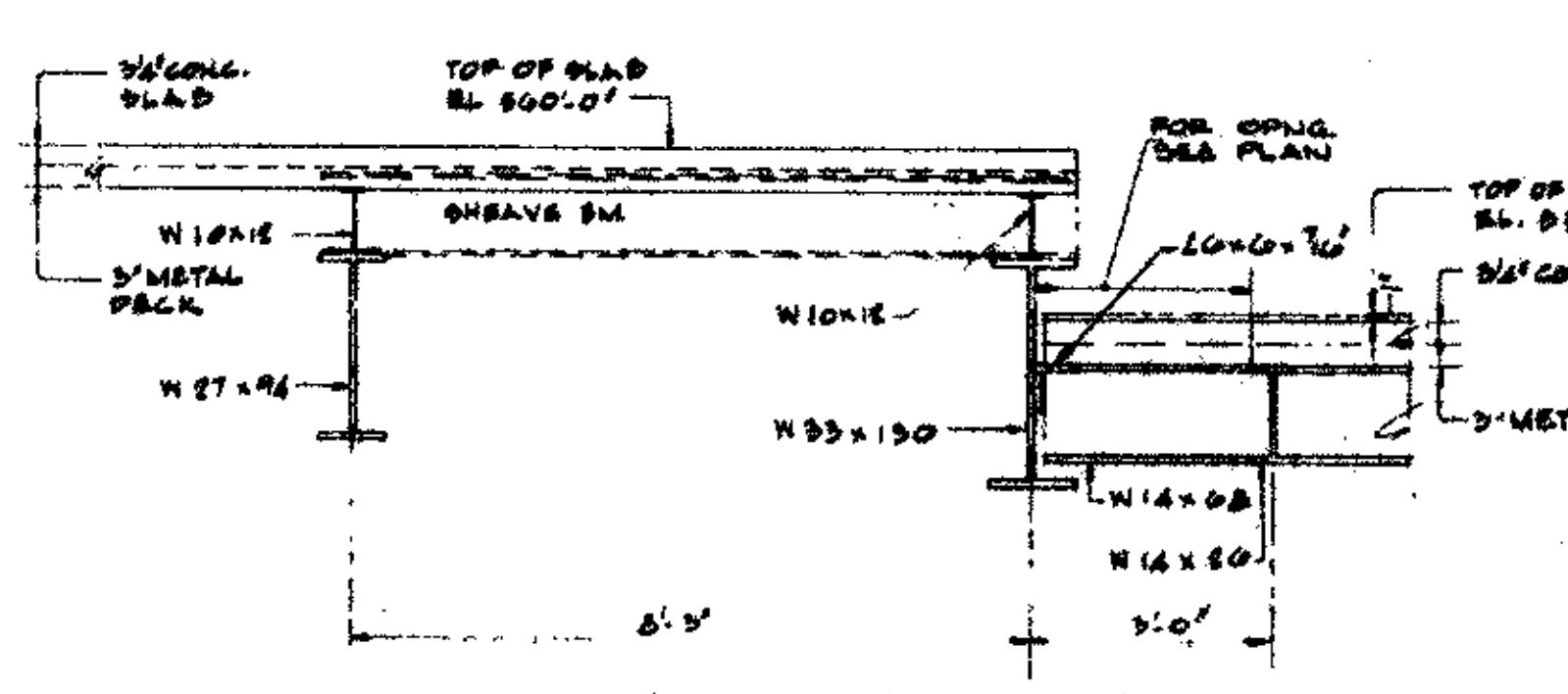


TYPICAL FLOOR CONSTRUCTION

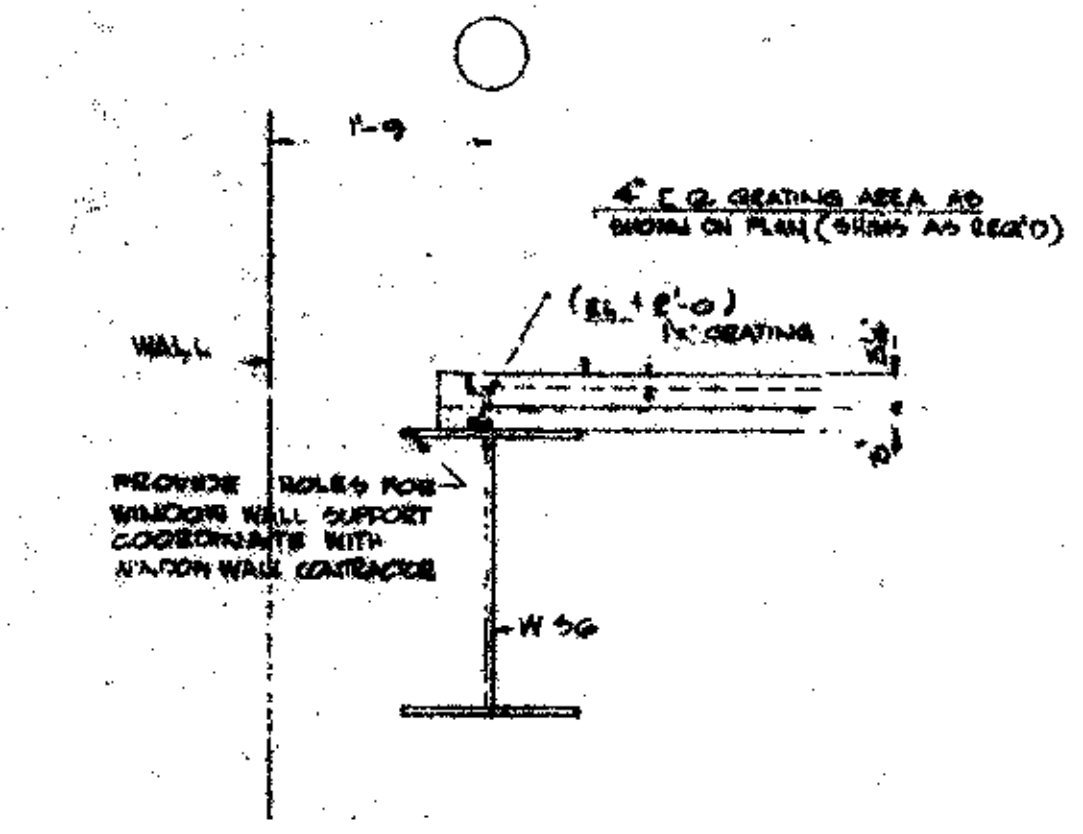


SECTION 3-3

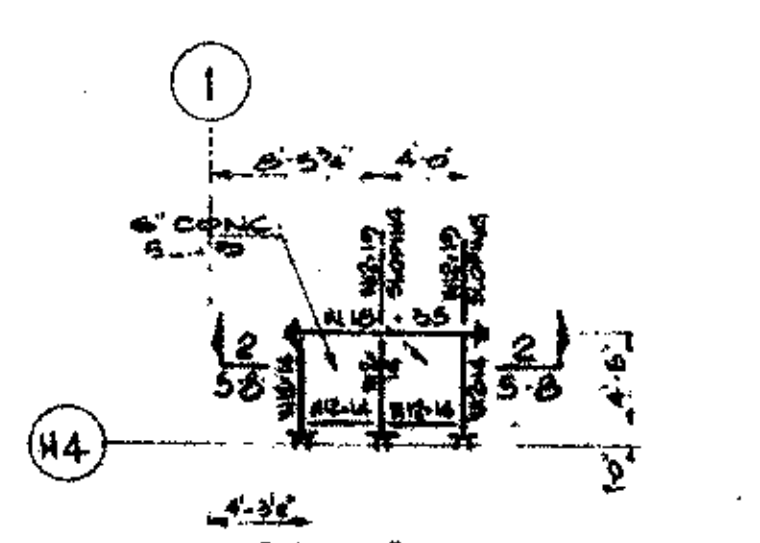
ELEVATOR SHEAVE BEAM REACTIONS				
ELEV.R1 THRU R6	ELEV. P-7		ELEV. S-1 (6-6)	ELEV. S-8
A = 6100#	E = 8700#		A = 6900#	E = 7700#
B = 9100#	F = 3400#		B = 9100#	F = 9800#
C = 6100#	G = 12200#		C = 6800#	G = 7600#
D = 9100#	H = 3400#		D = 9000#	H = 9700#



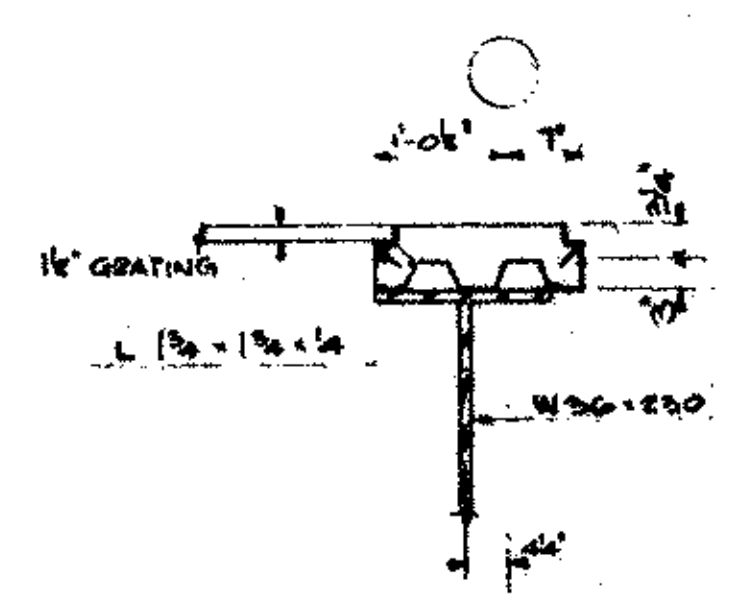
SECTION 4-4



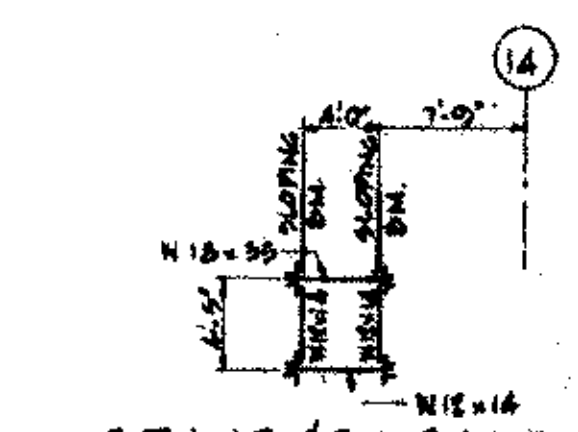
SECTION 5-5



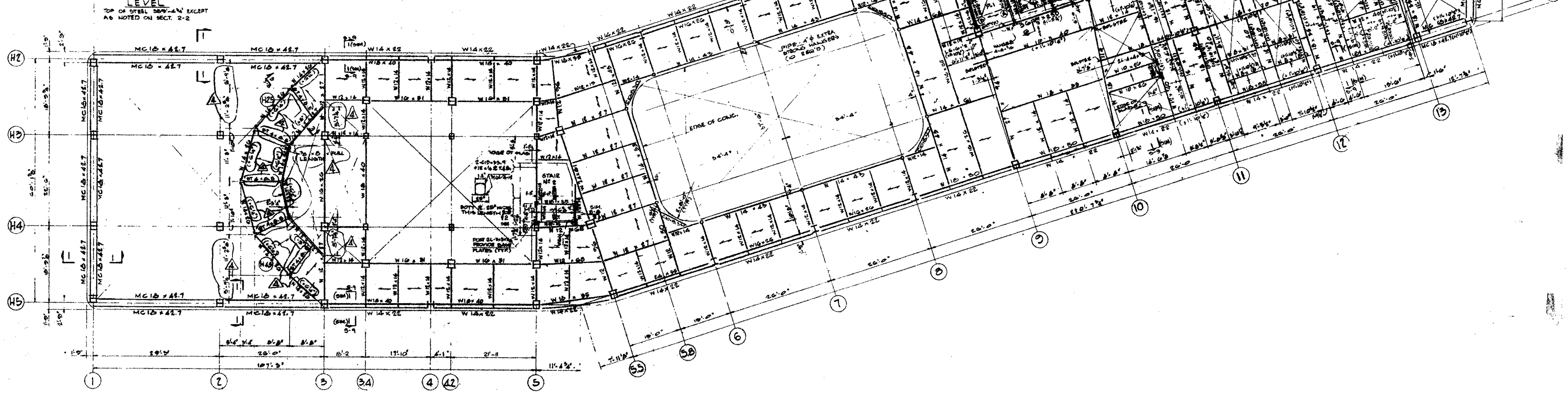
STAIR #1 @ BALCONY LEVEL
TOP OF STEEL 589'-4¾" EXCEPT AS NOTED ON SECT. 2-2



SECTION 6-6



STAIR #3 @ BALCONY LEVEL
TOP OF STEEL EL. = 589'-4¾" (SEE DWG S-9 FOR ADD'L INFORMATION)



BALCONY FRAMING PLAN

SCALE: 1/8"=1'-0"

1. TOP OF FINISHED FLOOR ELEVATION: 558'-0".
2. TOP OF SLAB ELEVATION (-1") FROM FINISHED FLOOR ELEVATION UNLESS NOTED.
3. TOP OF STEEL ELEVATION (-7¼") FROM FINISHED FLOOR ELEVATION UNLESS NOTED.
4. ← INDICATES DIRECTION OF METAL DECK.
5. METAL DECK SHALL BE U.S. DECK INC. "LOK-FLOOR" 20 GA. 3" DEEP WITH WELDED WIRE FABRIC 6-6-88
6. ↔ INDICATES DIRECTION OF GRATING.
7. GRATING SHALL BE 1½" RELIANCE STEEL PRODUCT DOUBLE LOK ALUMINUM GRATING TYPE 124 WITH 1½ x 3/16" BEARING BARS SPACED 15/16" APART AND CROSS BARS 4" O/C

LOADING SCHEDULE								
ITEM	AREAS							REMARKS
	JOGGING TRACK							
FLOOR SYSTEM	47							
FINISH	18							
CEILING	10							
MECH. ELEC.	10							
PARTITIONS	AS THEY OCCUR							
TOTAL D.L.	85							
LIVE LOAD	100							
TOTAL L.	185							

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

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

NO.	DATE	REVISIONS
4	5-29-79	BULLETIN # 28
3	3-20-79	SEE BULLETIN # 19
	1-15-79	ISSUED FOR PORT AUTHORITY REVIEW
2	1-15-79	BULLETIN # 15
	1-5-78	ISSUED TO PORT AUTHORITY
1	12-26-78	SEE BULLETIN # 15
	10-26-78	ISSUED TO PORT AUTHORITY
	10-5-78	GENERAL REVISION
	9-27-78	
	9-14-78	
	8-23-78	ISSUED FOR STRUCTURAL STEEL ONLY.
	7-31-78	ISSUED FOR INFORMATION ONLY.

AS-BUILT DWGS

BALCONY FRAMING PLAN

DATE
SCALE
DRAWING NO. S-8