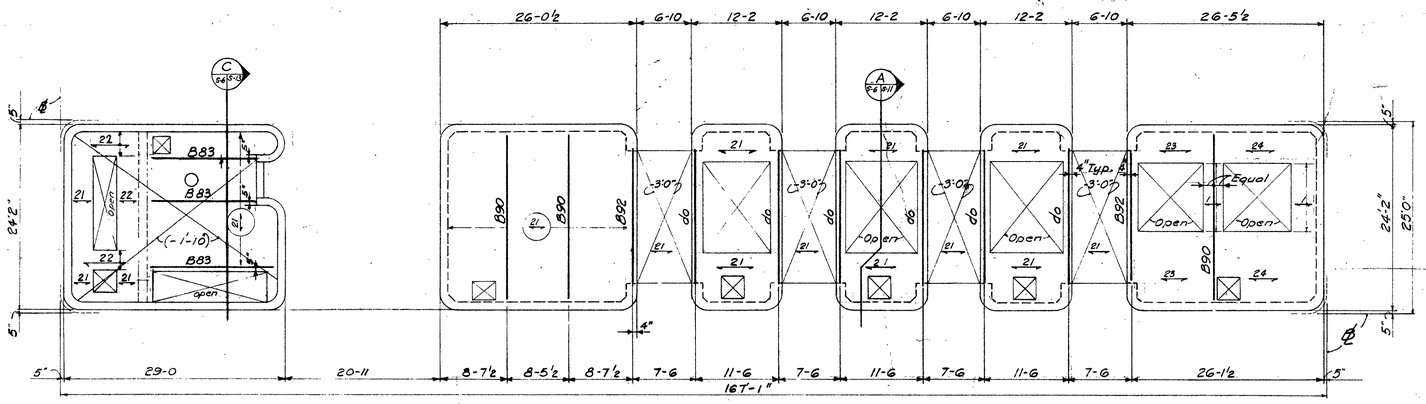
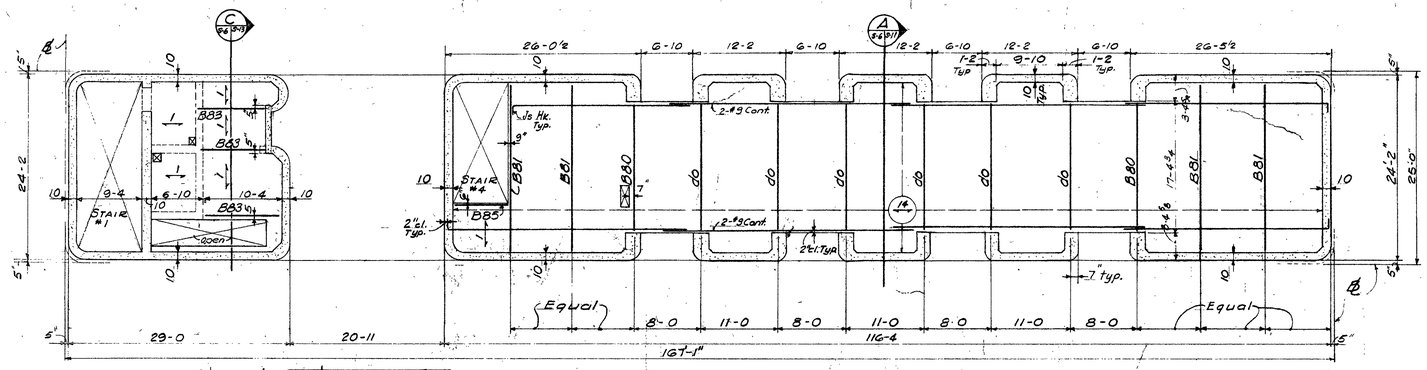


ROOF FRAMING (⅛"=1'-0")

Roof Live Load = 40 p.s.f.

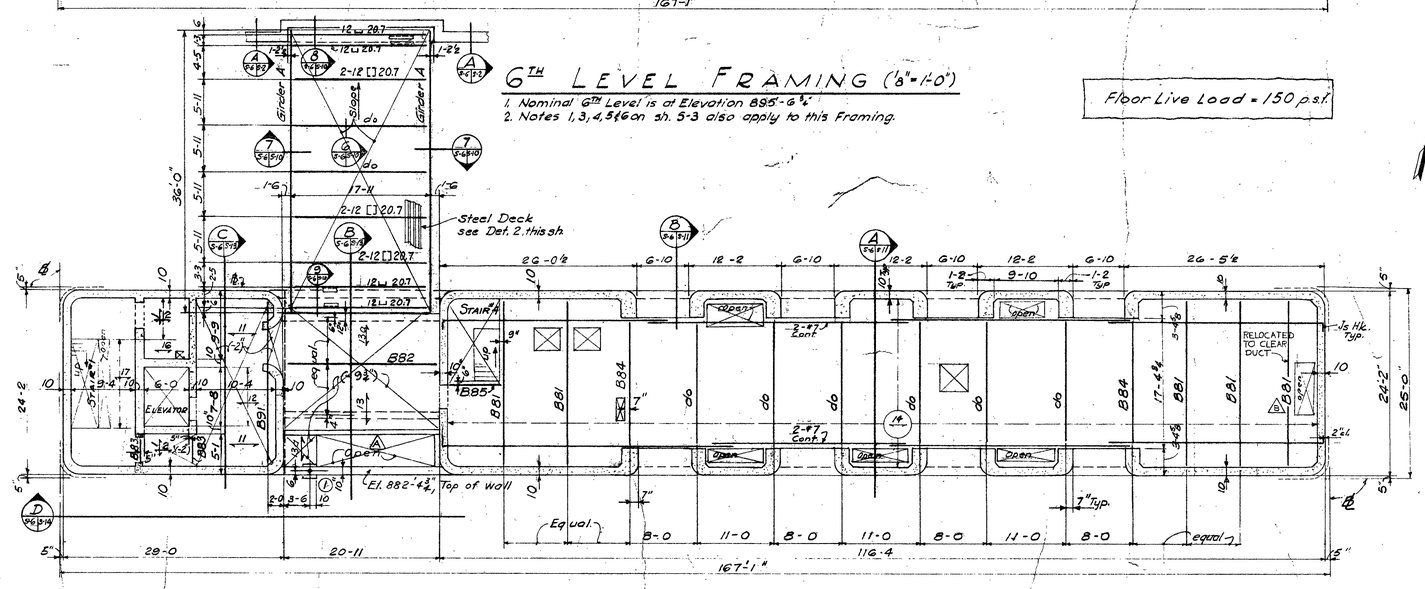
1. Nom. Roof Level is at Elevation 911'-0¾"
2. Notes 1,3,4,5 & 6 on sheet S-3 also apply to this framing
3. For roof fill, drains, curbs, parapets, etc. see Arch. and/or Mech. Dwgs.



6TH LEVEL FRAMING (⅛"=1'-0")

Floor Live Load = 150 p.s.f.

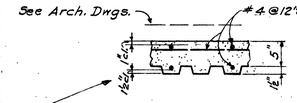
1. Nominal 6TH Level is at Elevation 895'-6¾"
2. Notes 1,3,4,5 & 6 on sh. 5-3 also apply to this Framing.



5TH LEVEL FRAMING (⅛"=1'-0")

Floor Live Load = 150 p.s.f.

1. Nominal 5TH Level is at Elev. 882'-6¾"
2. Notes 1,3,4,5 & 6 on sh. 5-3 also apply to this Framing.



ROBERTSON 3-18 STEEL DECK

or an approved equal, see Specs.

18 gage min.
Grade C or better
Min. I = 0.33 in⁴/ft.
Min S = 0.38 in³/ft.

INSTALLATION

a) Continuous over 3 spans min.
b) ⅜"ø plug welds at each trough to beams perpendicular to deck span.
c) 1½" fillet welds at 24" cc. at side joints.
d) Protect metal deck from droppings etc. which decrease bond of conc. to deck.
e) Clean metal deck thoroughly just prior to pouring concrete.

REINFORCEMENT

All reinforcement continuous; splice bott. bars at ℄ support and top bars at mid span; 1'-9" laps; project bars within 2" of edge of opngs. or exterior edge of concrete and terminate in 7⅛" hooks.

DETAIL 2 / S-6 / S-5

LTR	REVISIONS	DATE / BY	CHK'D / APP'D	APP'D
3	AS BUILT CORRECTIONS	2/25/67 BRM		
2	See Addendum No. 1	10 Jan. 1966	J.N. T.Cuna	

10 GEV CORNELL SYNCHROTRON LABORATORY

CORNELL UNIVERSITY
ITHACA NEW YORK

5TH, 6TH & ROOF LEVEL FRAMING

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DR.	CHK. J.N.	SUPV.	SCALE
RELEASED	APPROVED	LAB NUCLEAR STUDIES	SHEET 34 OF 102
		VP BUSINESS	DRAWING NO. S-6
DATE NOV. 15, 1965	DATE JAN 18, 1966		WMB & A NO. 111-5

LICENSED PROFESSIONAL ENGINEER WILLIAM M. BROBECK 21480 STATE OF NEW YORK

2089-33-65-106 044 235 Cornell University B. & P.