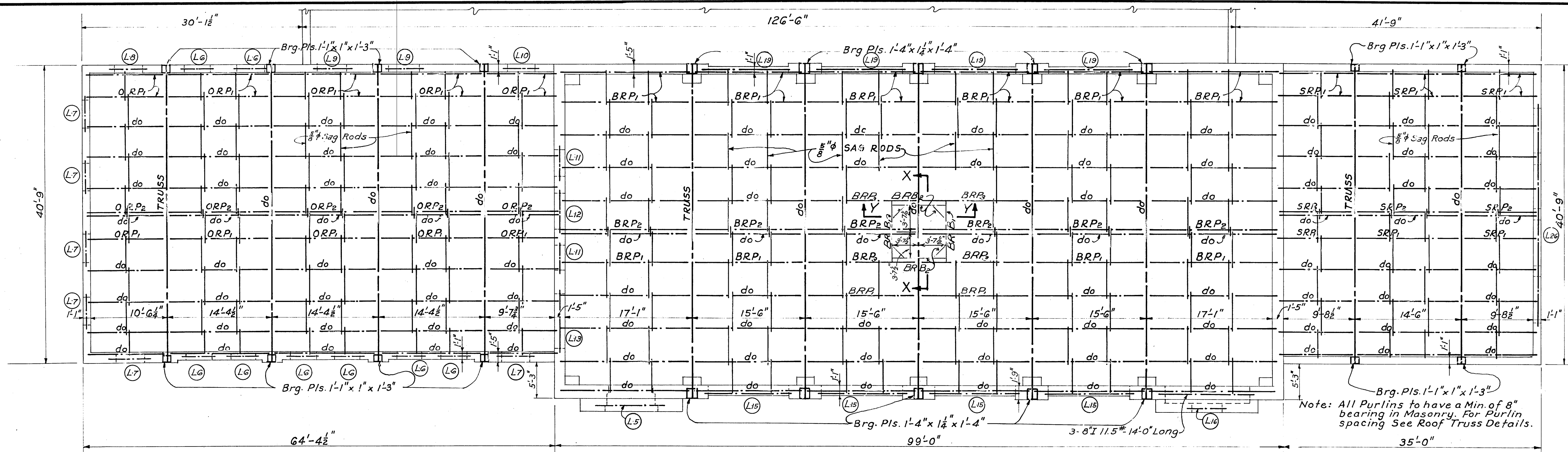
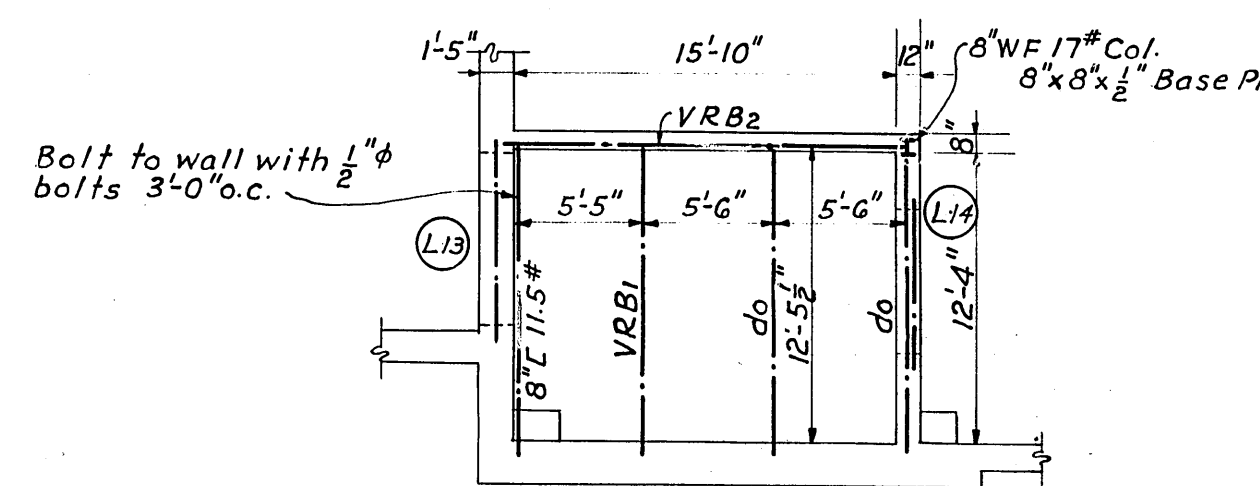
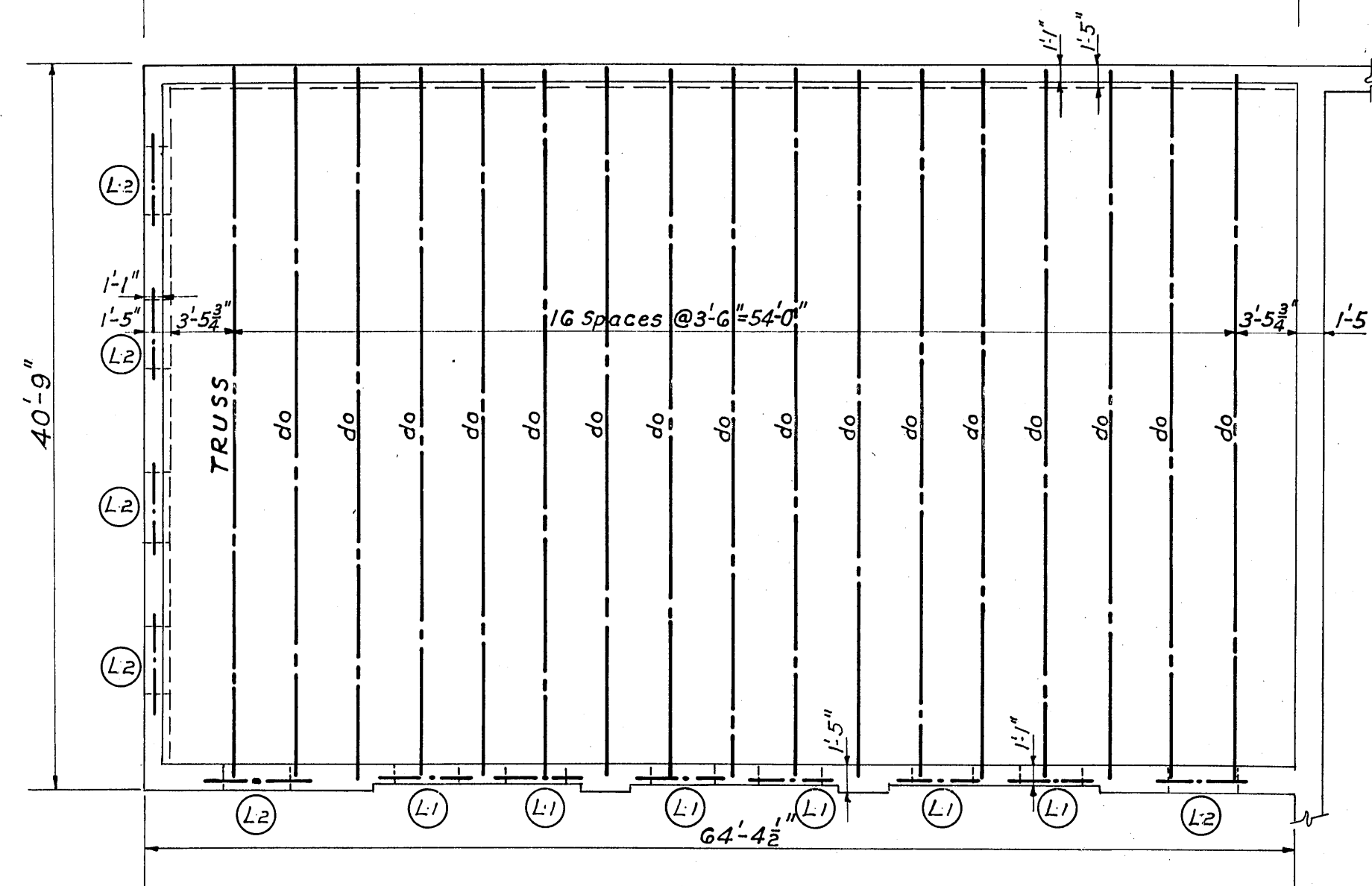


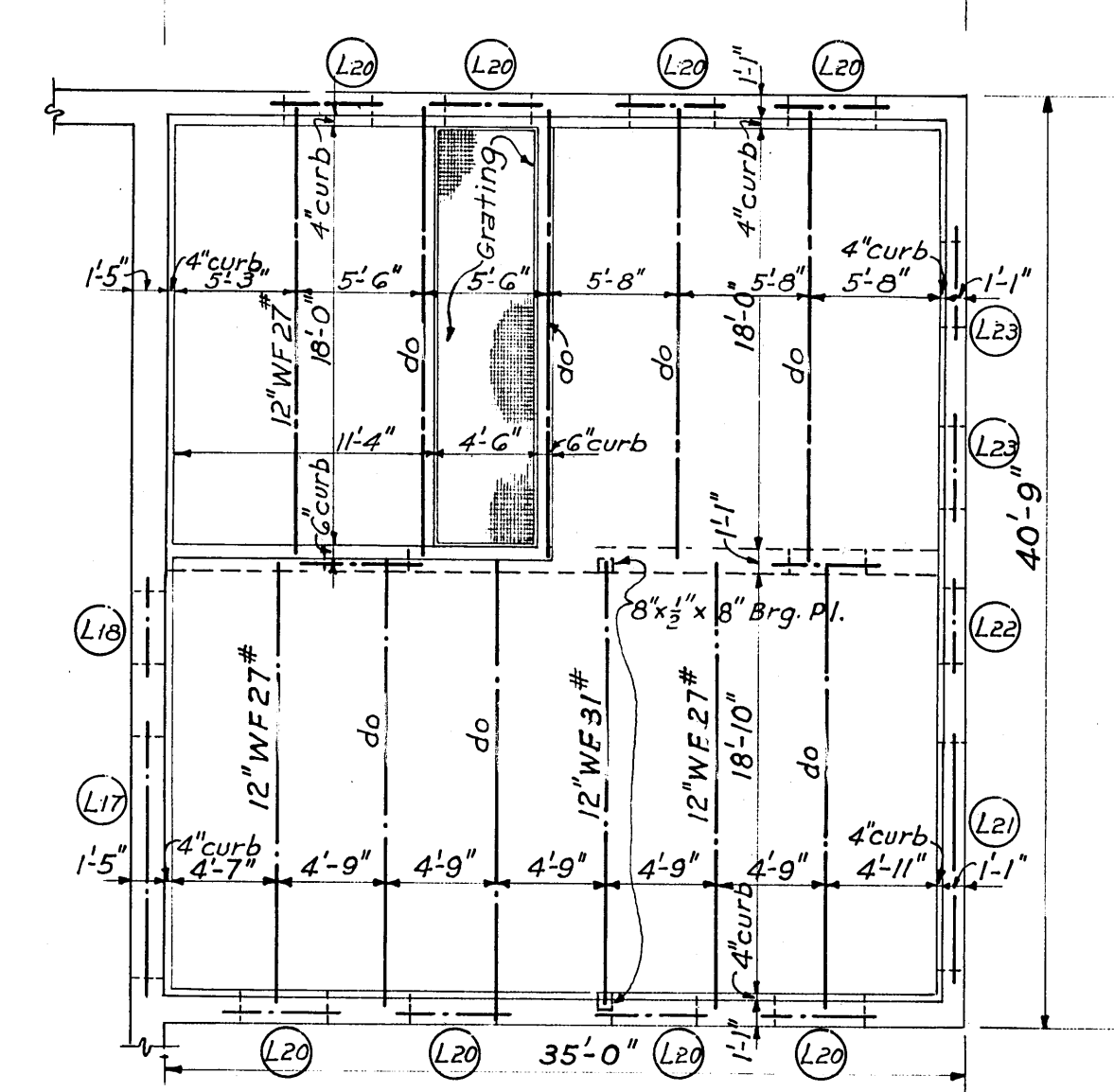


MARK	SIZE	BENDING MOMENT	REACTION
BRP1	10 B 17 #	11,200 #'	2900 #
BRP2	10 E 15.5 #	5,600 #'	1450 #
BRP3	10 B 19 #	16,000 #'	4500 #
BRB1	8 WF 17 #	9,000 #'	2100 #
BRB2	2-5'3"x1/2" L5	1,650 #'	550 #
ARB1	6 Jt. 4.4 #	210 #'	210 #
ORP1	10 B 15 #	8,650 #'	2400 #
ORP2	10 E 15.5 #	4,325 #'	1200 #
SRP1	10 B 15 #	8,650 #'	2400 #
SRP2	10 E 15.5 #	4,325 #'	1200 #
VRB1	8 B 10 #	8,500 #'	2700 #
VRB2	10 B 15 #	15,000 #'	2700 #

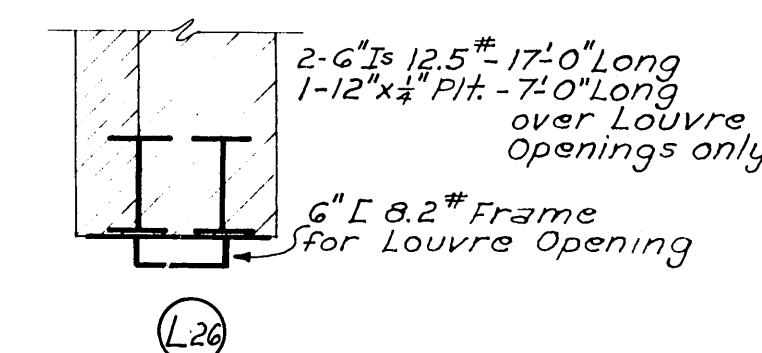
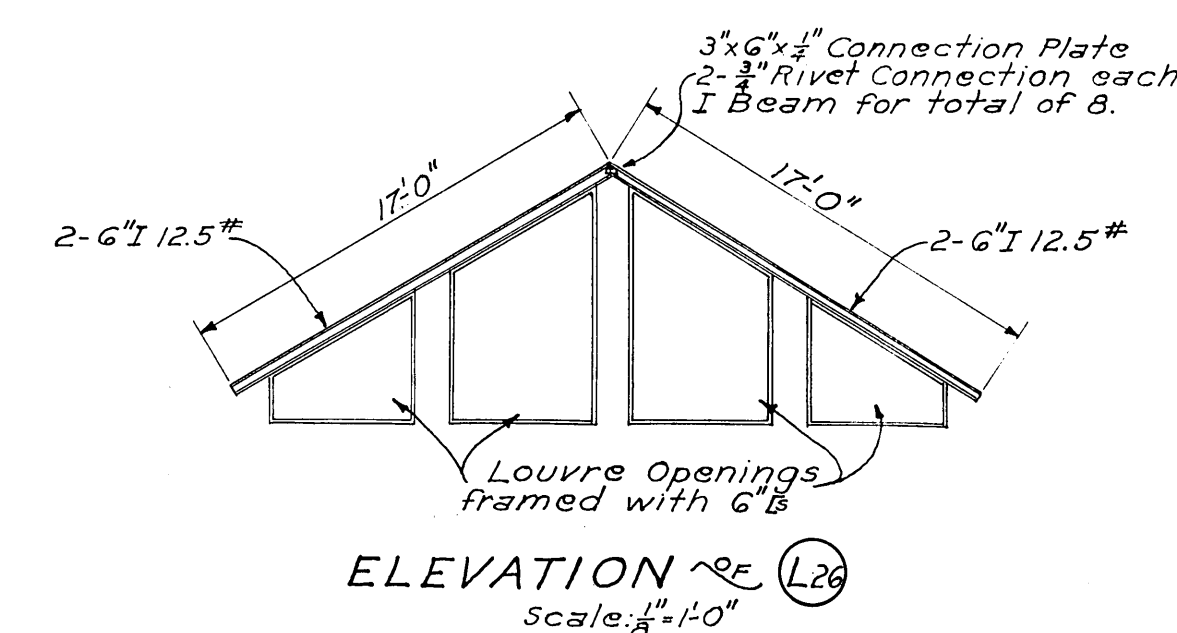
Note: All beam connections to be A.I.S.C. Standard Series "B" using 3/4" Rivets.



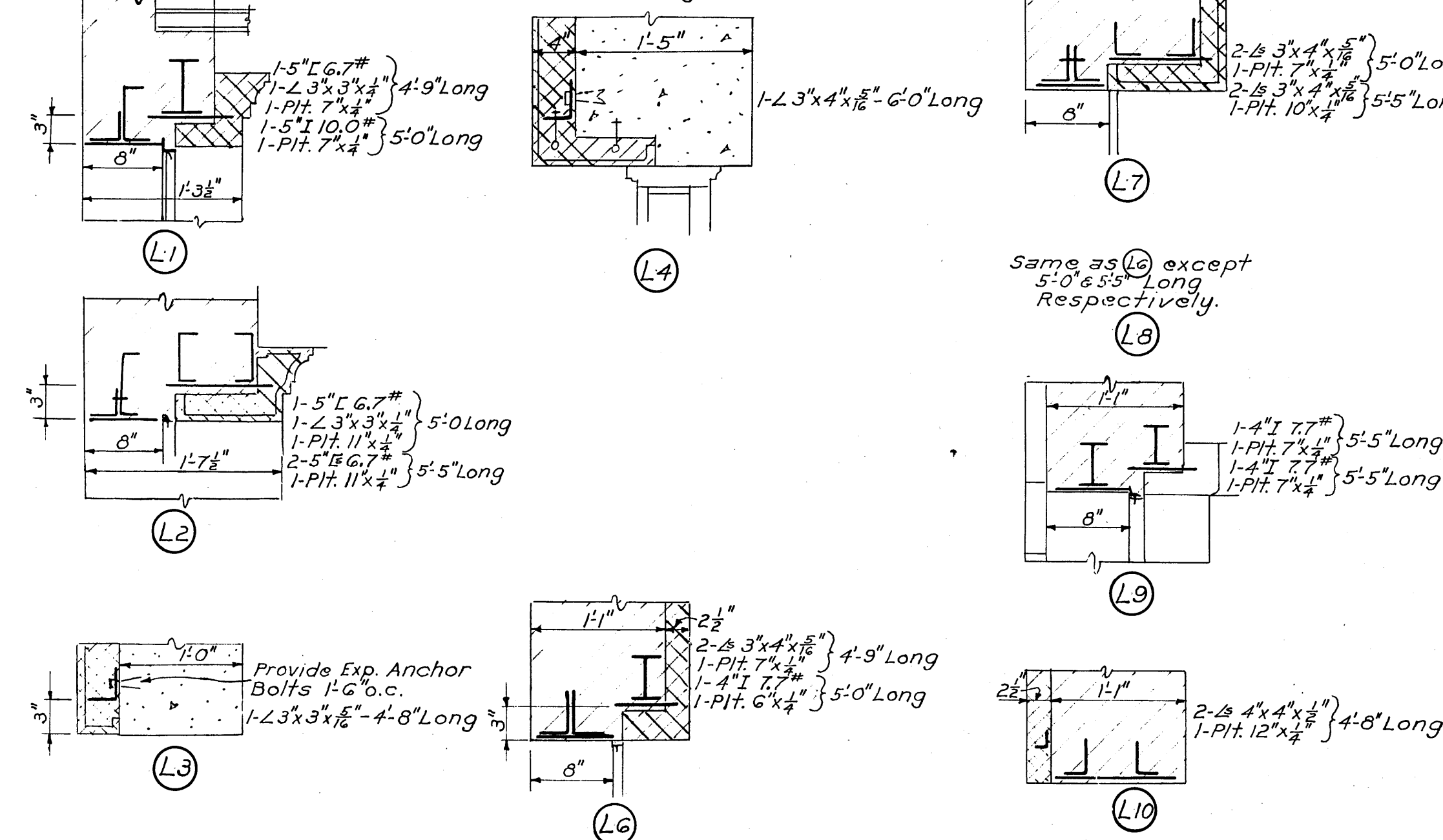
FRAMING FOR ENTRANCE HALL
Scale: 1/8" = 1'-0"



PLAN OF FRAMING AT EL. 921.0
Scale: 1/8" = 1'-0"



PLAN OF OFFICE FLOOR FRAMING
Scale: 1/8" = 1'-0"



LINTEL SCHEDULE
Scale: 1" = 1'-0"

SANITARY SEWER PROJECT No. 3 - 1950

ALYORD, BURDICK & HOWSON ENGINEERS
CHICAGO, ILL. MATTERN & MATTERN ENGINEERS
CHICAGO, ILL. ROANOKE, VA.

SEWAGE TREATMENT PLANT
CITY OF ROANOKE, VIRGINIA
PUMP & BLOWER BLDG.
STRUCTURAL DETAILS

DESIGNED	D.J.M.	SCALE	AS SHOWN	COM. NO.
DRAWN	G.J.R.	DATE	AUGUST, 1950	SHEET NO. 15
CHECKED				

Note: All steel to support Terra Cotta shall be punched for Anchors.