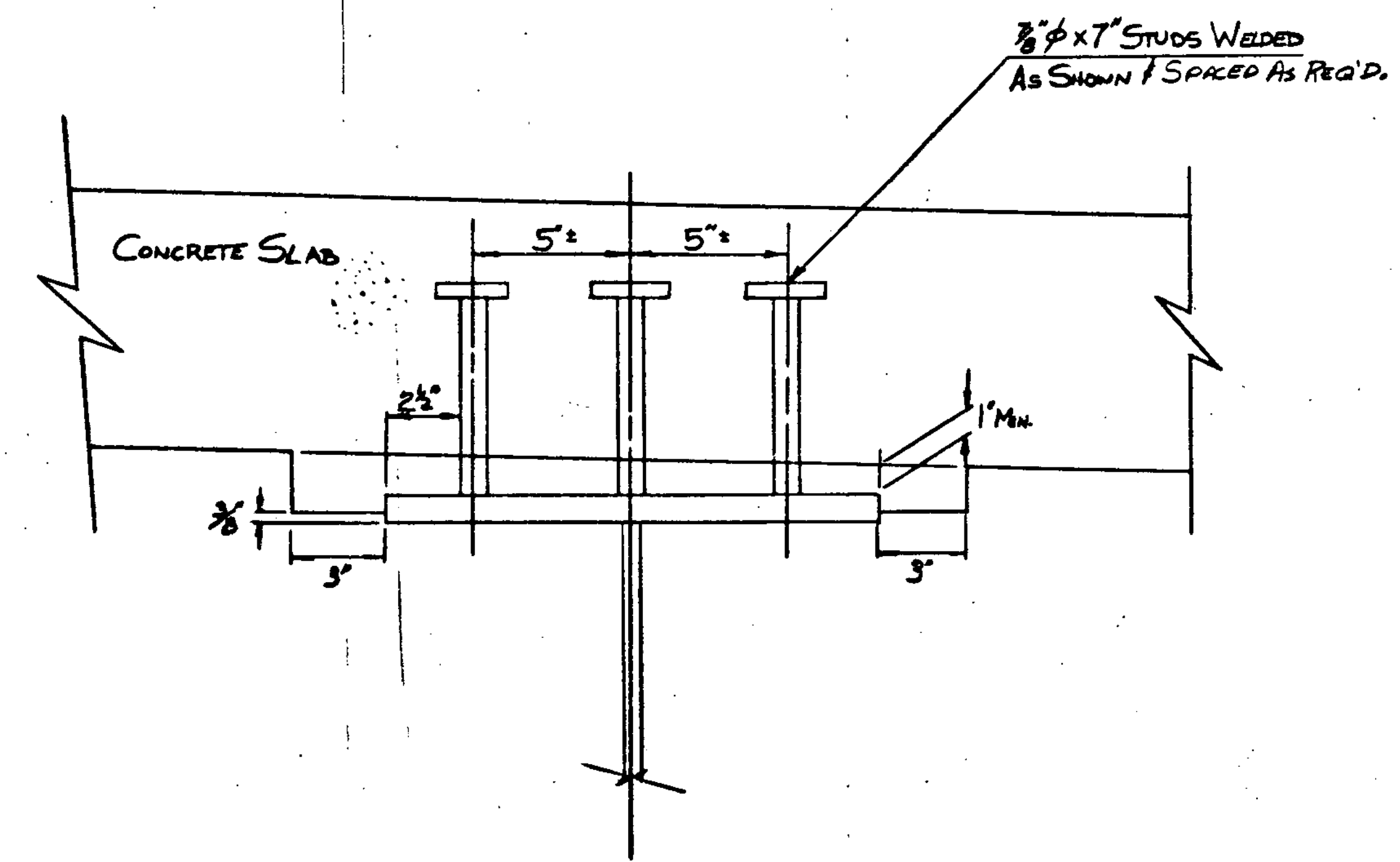
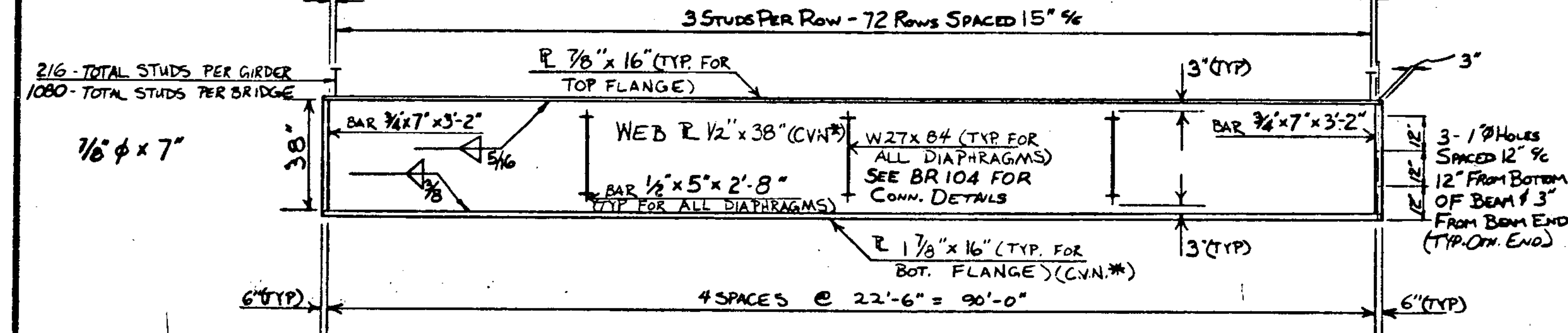


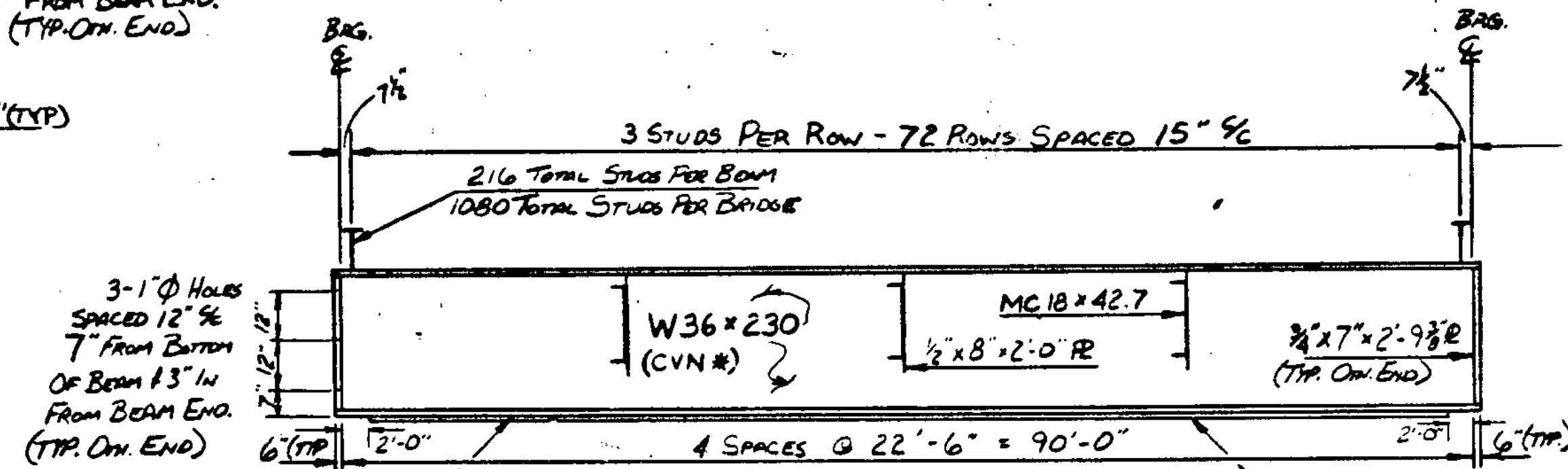
FRAMING PLAN
SCALE 1/8" = 1'-0"



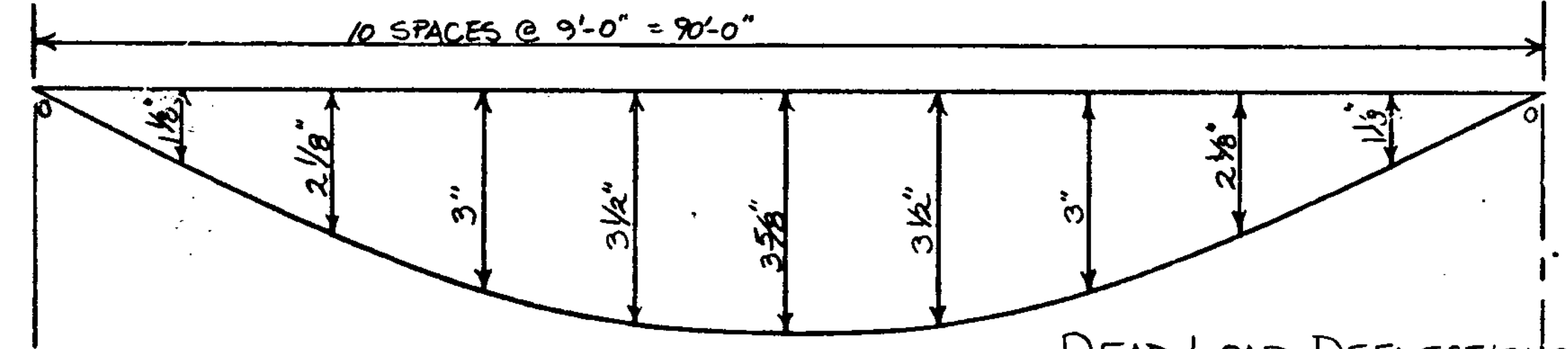
SHEAR STUD DETAIL
SCALE: 3" = 1'-0"



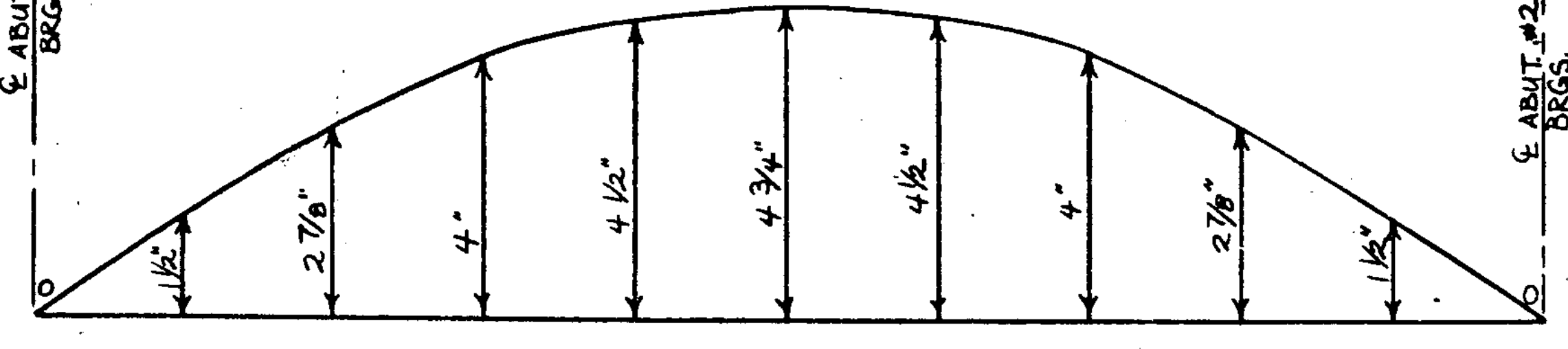
GIRDER ELEVATION
SCALES HORIZ. 1/8" = 1'-0" VERT. 3/8" = 1'-0"



ROLLED BEAM (OPTION) ELEVATION
SCALES: HORIZ. 3/32" = 1'-0" VERT. 3/8" = 1'-0"



DEAD LOAD DEFLECTIONS DIAGRAM
SCALES HORIZ. 1/8" = 1'-0" VERT. 1" = 2"



CAMBER DIAGRAM
SCALES HORIZ. 1/8" = 1'-0" VERT. 1" = 2"

INCLUDES: WEIGHT OF BEAM, DIAPHRAGMS, DECK, PAVEMENT, CURBS & RAILING FOR EITHER PLATE GIRDER OR ROLLED BEAM.

APPROX. WT. OF STRUCTURAL STEEL - BMS & DIAPHRAGMS CONN. & BAS. RS
 PLATE GIRDER OPTION - 106 690 #
 ROLLED BM. OPTION - 127 620 #

* PLATES MARKED BY "CVN" SHALL BE TESTED BY THE CHARPY V-NOTCH TEST AS SPECIFIED IN STD. SPECIFICATION 74.03

STATE OF VERMONT AGENCY OF TRANSPORTATION	
TOWN OF HIGH GATE	Bridge No. 182
HIGHWAY NO. U.S. RTE. 7	Log Sta. 225+52.0
	Surv. Sta. 225+53.0
FRAMING PLAN - GIRDER DETAILS	
US 7 BR. 182 OVER ROCK RIVER	
Designed by M.J. Pologruto	Drawn by S. JUNG
Checked by A. ELWOOD	Bridge Design Supervisor
date 7-83	R.S. HAUPT date
PROJECT HIGH GATE	PROJECT NO. BRS 0285 (1)S
Bridge Sheet No. BR 105	Sheet 18 of 64