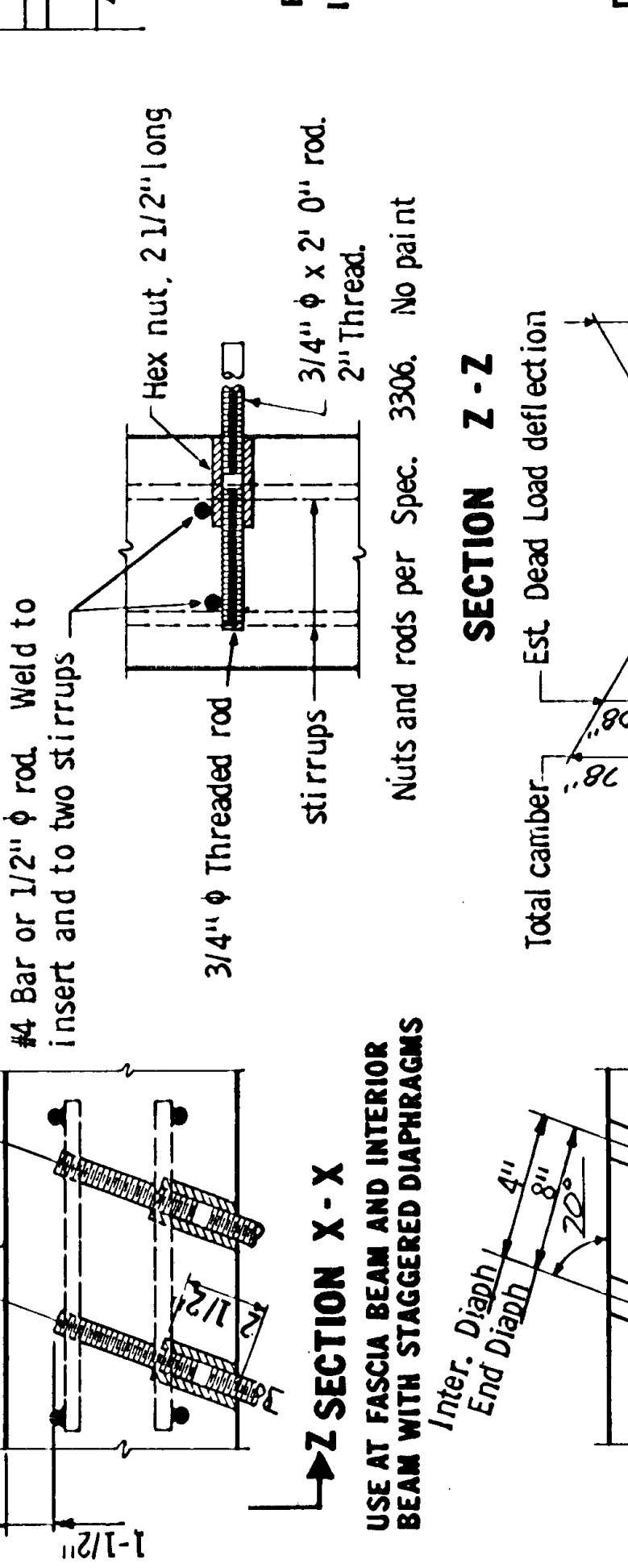
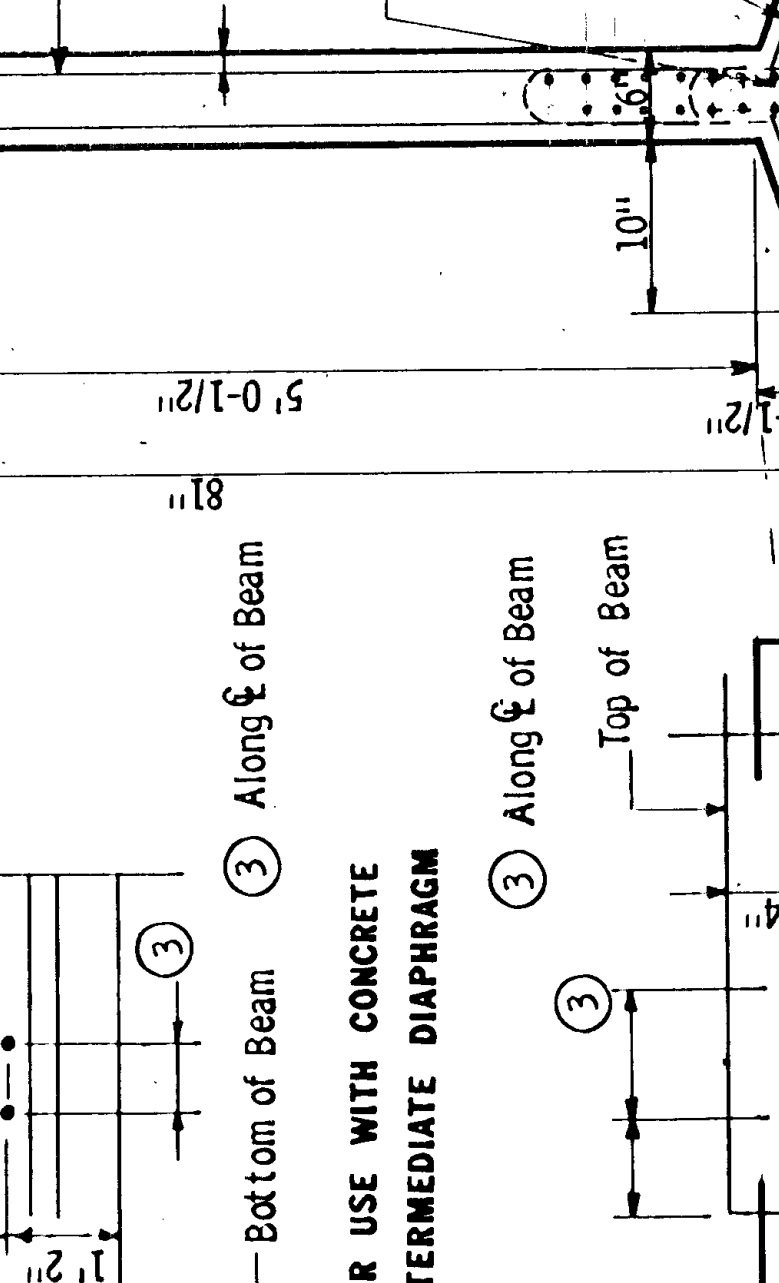
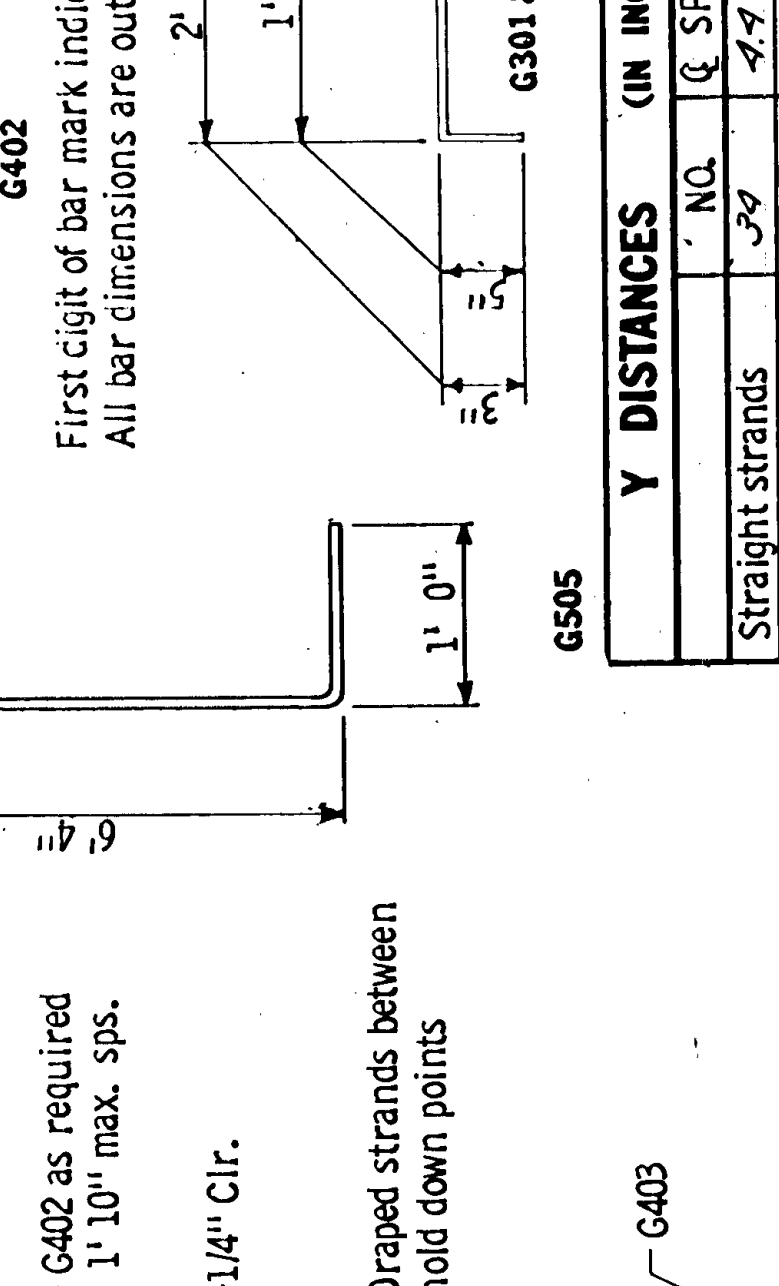
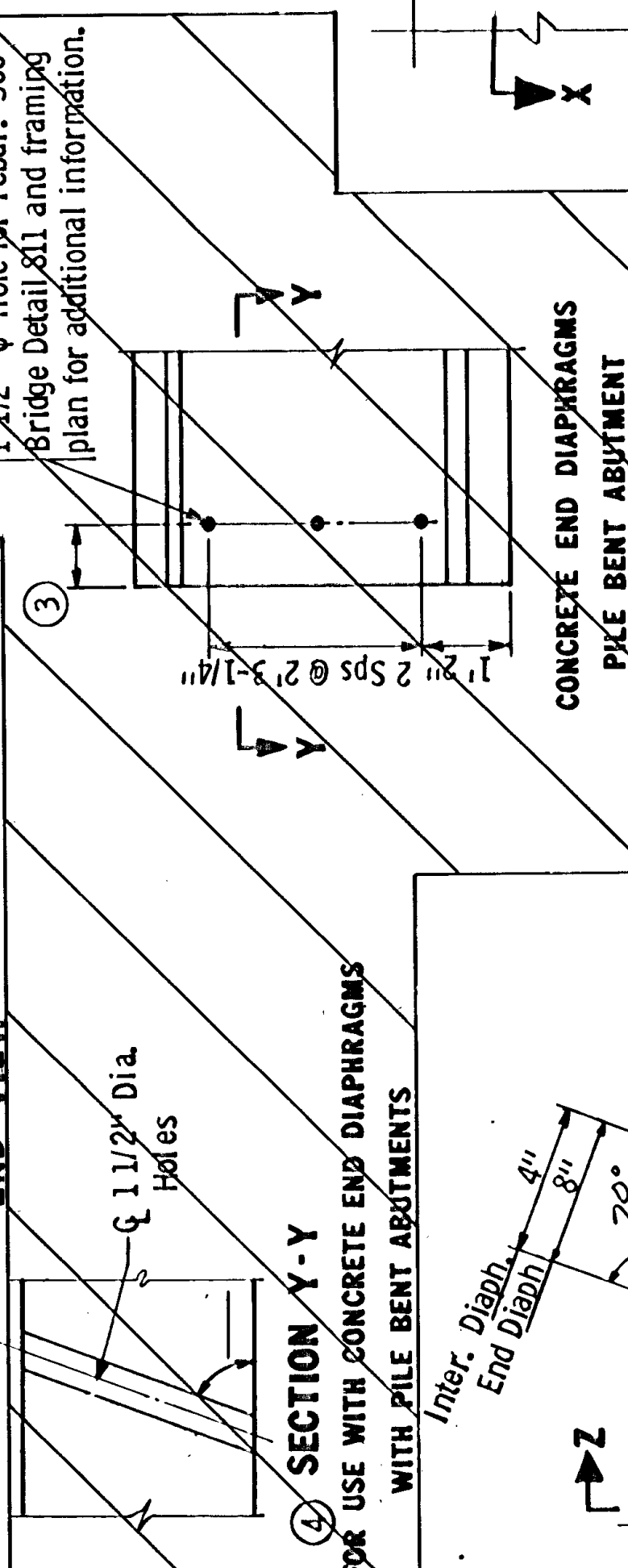
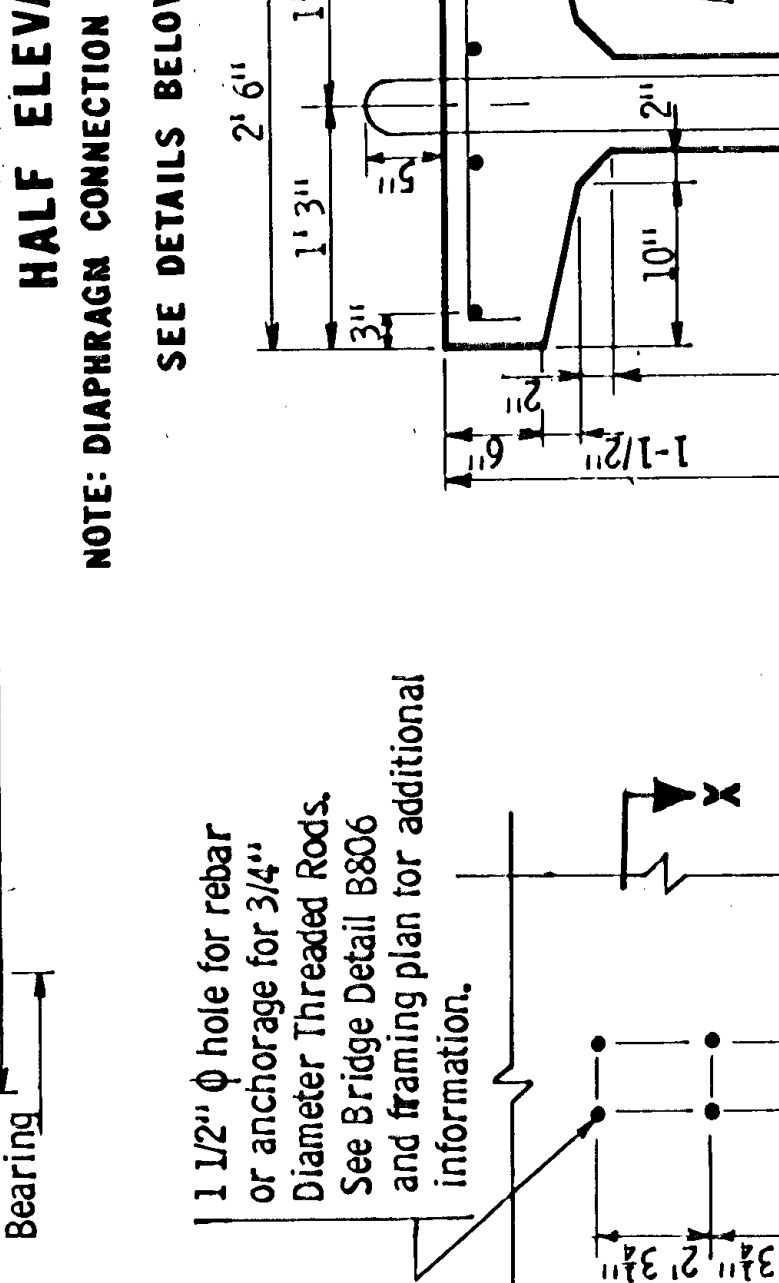
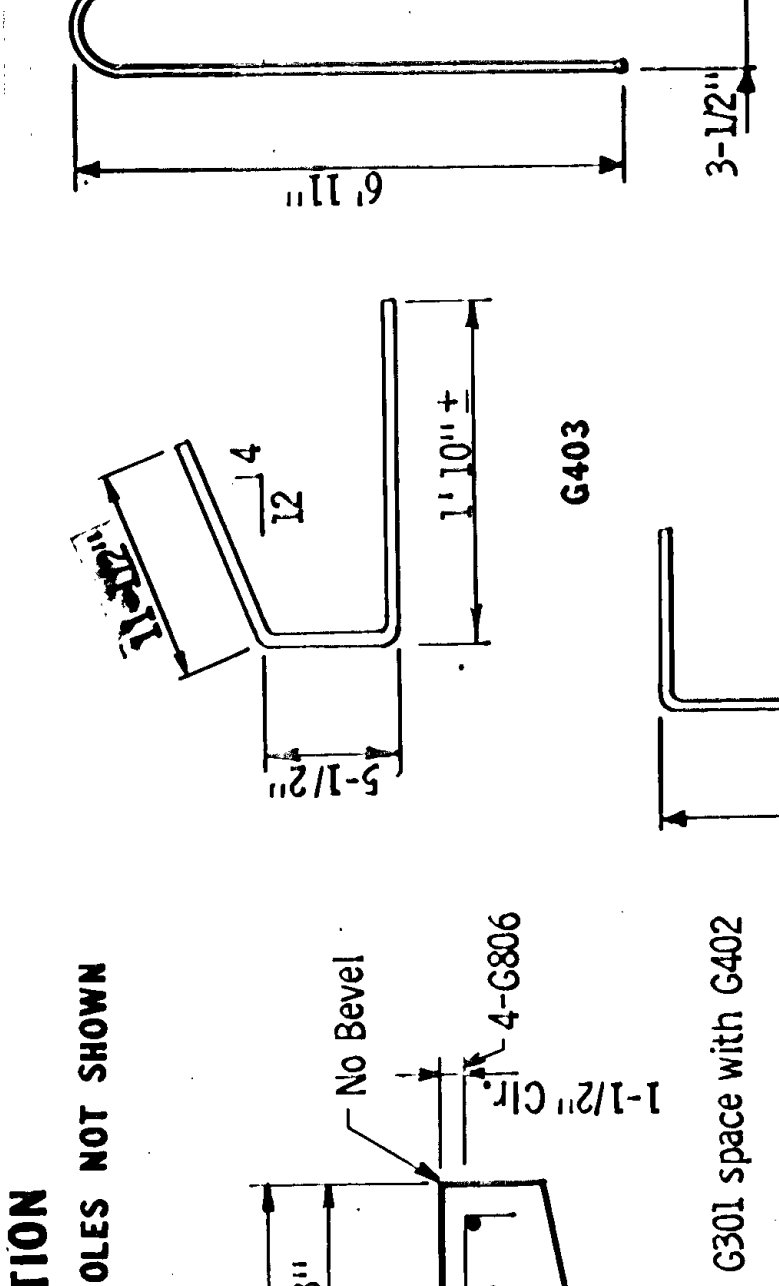
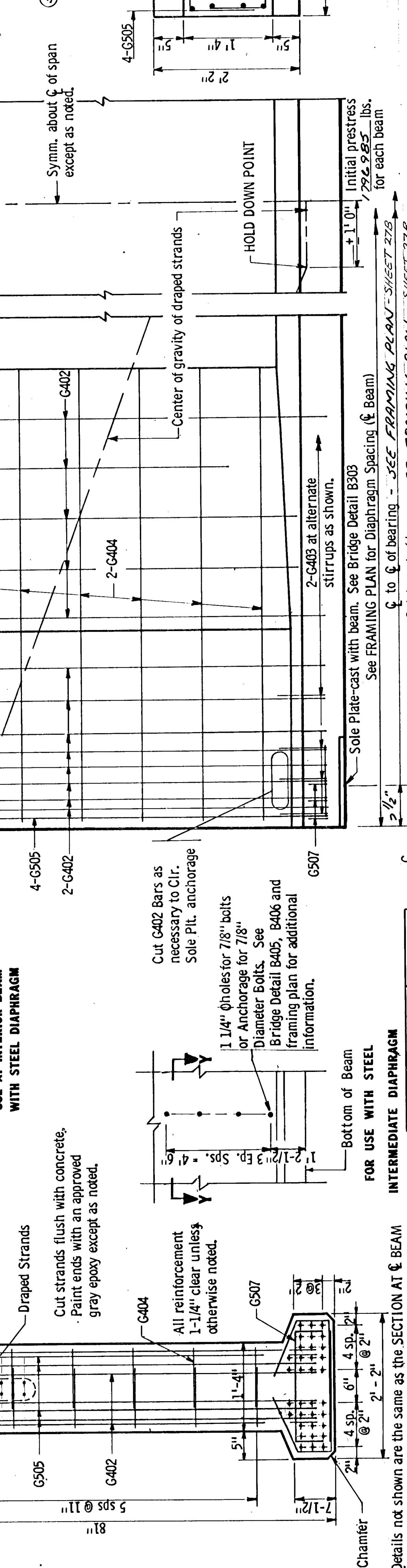
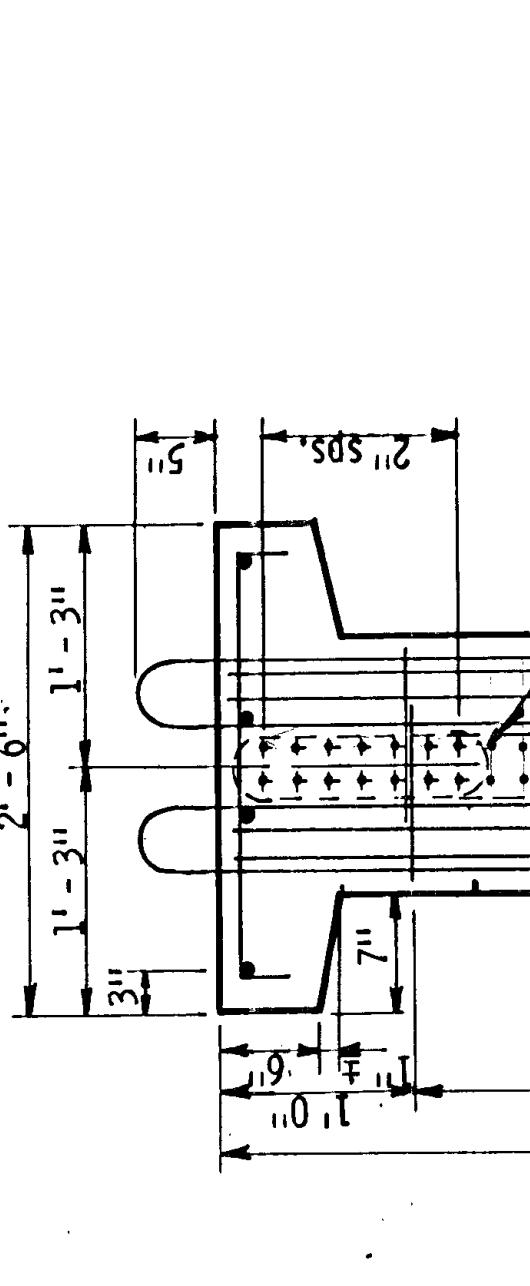
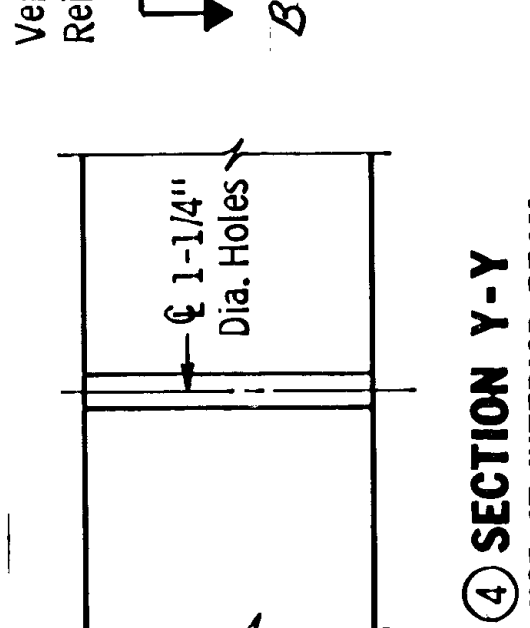
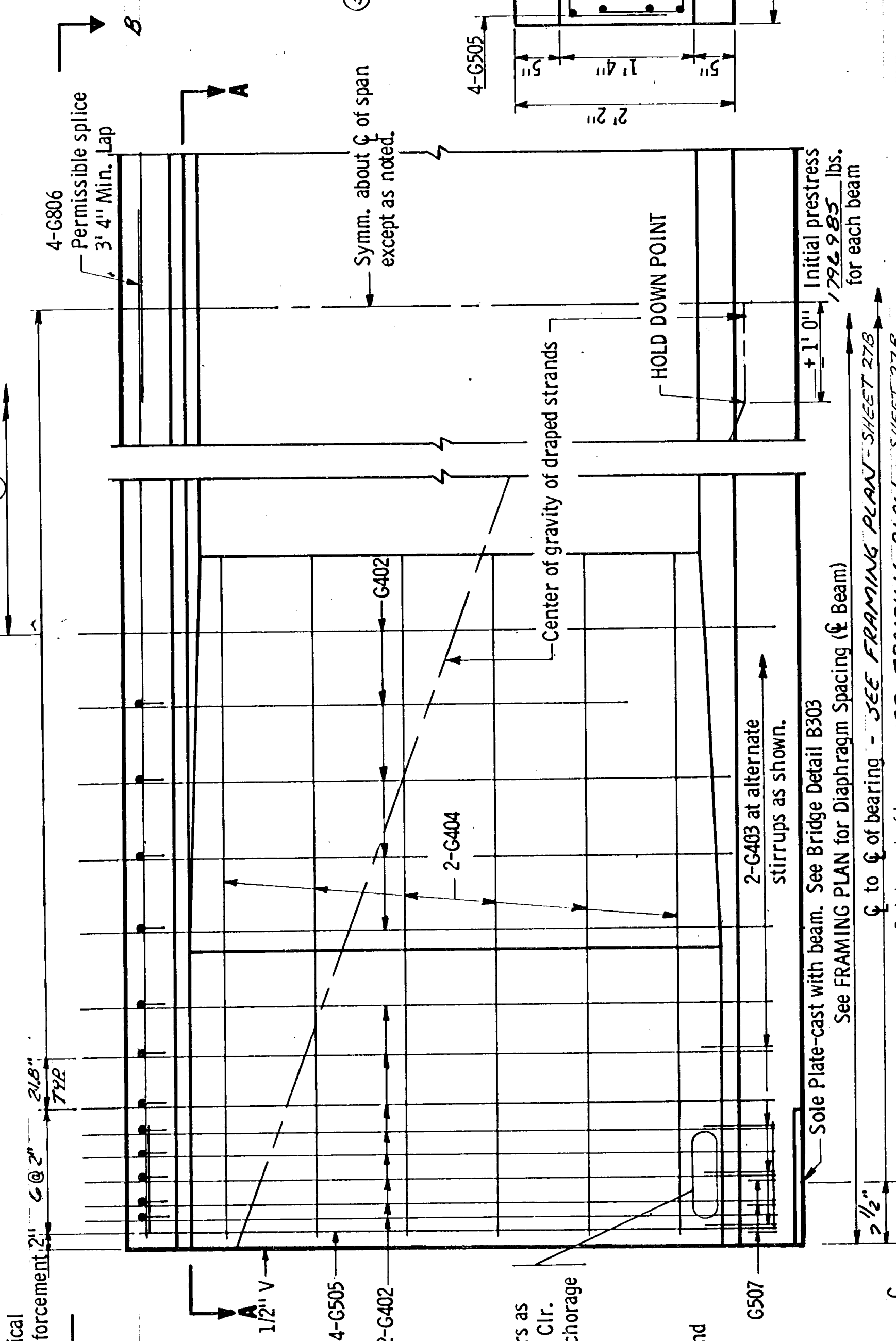


BAR	WT.
G301	1.00 lb.
G402	9.69 lb.
G403	2.17 lb.
*G404	5.47 lb.
G505	8.69 lb.
G806	2.61 lb.
G507	2.61 lb.

* Min.

Beam Section Data	
Wt.	= 7250 lbs. + 875 lbs./ft.
Cross Sec Area at C of span	= 840 in. ²
C. G. (from bottom)	= 40.04 in.
I	= 735,614 in. ⁴
S _B	= 18,371 in. ³
1/2" φ 270k strand wt./ft.	= .525 lb.
1/2" φ 270k strand area	= .1531 sq. in.
End Area	= 1472 in. ²

ADDITIONAL G402 BARS ARE REQUIRED WHEN VERTICAL REINFORCEMENT SPACING IS GREATER THAN 21.0" SPACE ADDITIONAL G402 BARS MIDWAY BETWEEN G401 & G403 BARS.



Y DISTANCES (IN INCHES)		
NO.	Q SPAN	END
39	4.97	65.00
24	4.00	65.00
58	8.91	65.00
Total strands		65.00

Y = distance of Center of Gravity of strands from bottom of beam. All strands spaced 2" c-c, horizontally and vertically except as noted.

All strands 1/2" φ 270 kip, ultimate strength.

A tolerance of ± 2" will be permitted in this dimension.

MINIMUM CONCRETE STRENGTH - P.S.I.	
Required min. Concrete Strength	5900 PSI. 6300 PSI.

1 Minimum concrete strength at time of prestress transfer.

2 Minimum concrete strength when curing can be discontinued and beam transported and installed.

Beam Section Data	
Wt.	= 7250 lbs. + 875 lbs./ft.
Cross Sec Area at C of span	= 840 in. ²
C. G. (from bottom)	= 40.04 in.
I	= 735,614 in. ⁴
S _B	= 18,371 in. ³
1/2" φ 270k strand wt./ft.	= .525 lb.
1/2" φ 270k strand area	= .1531 sq. in.
End Area	= 1472 in. ²