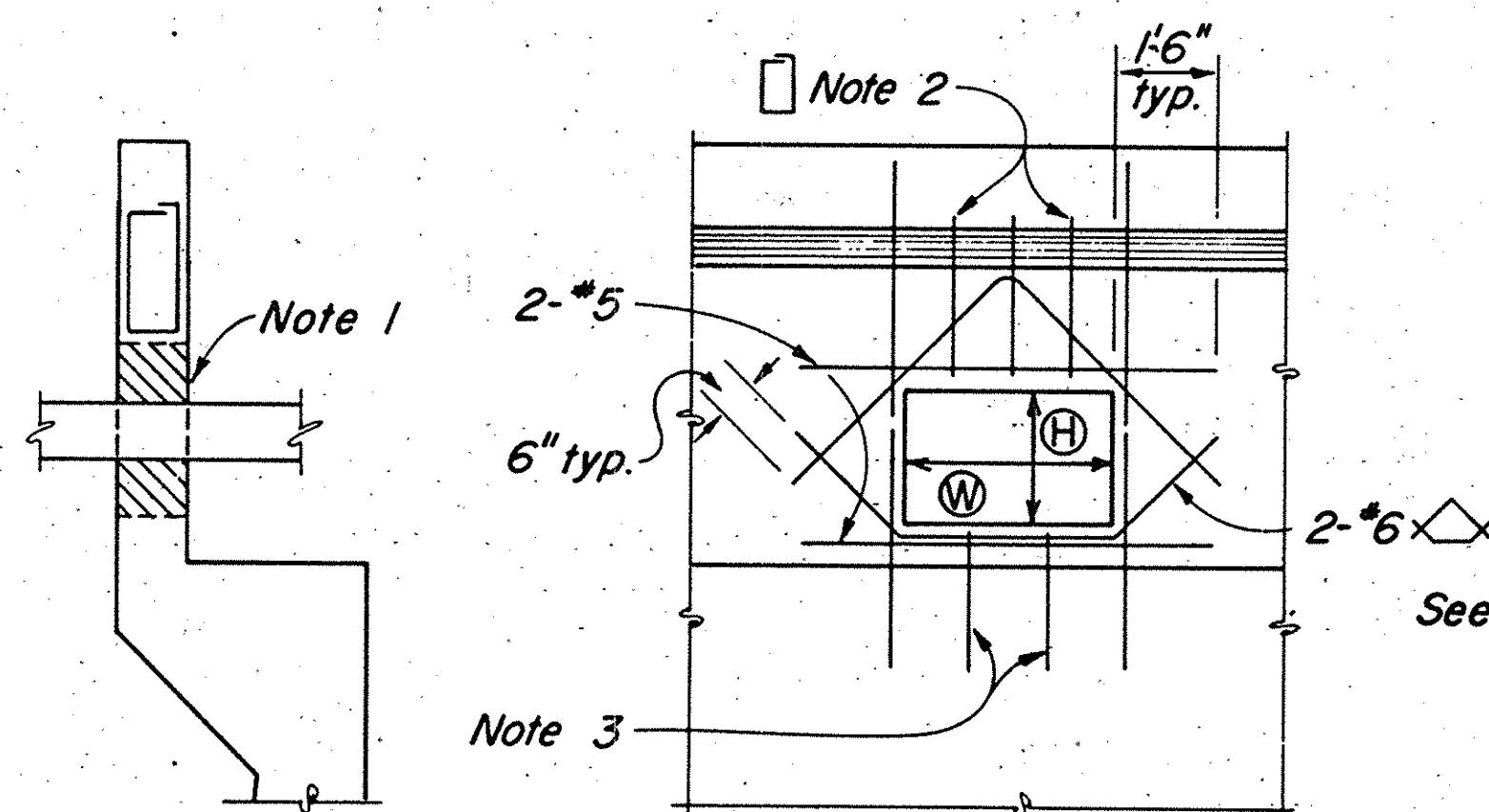
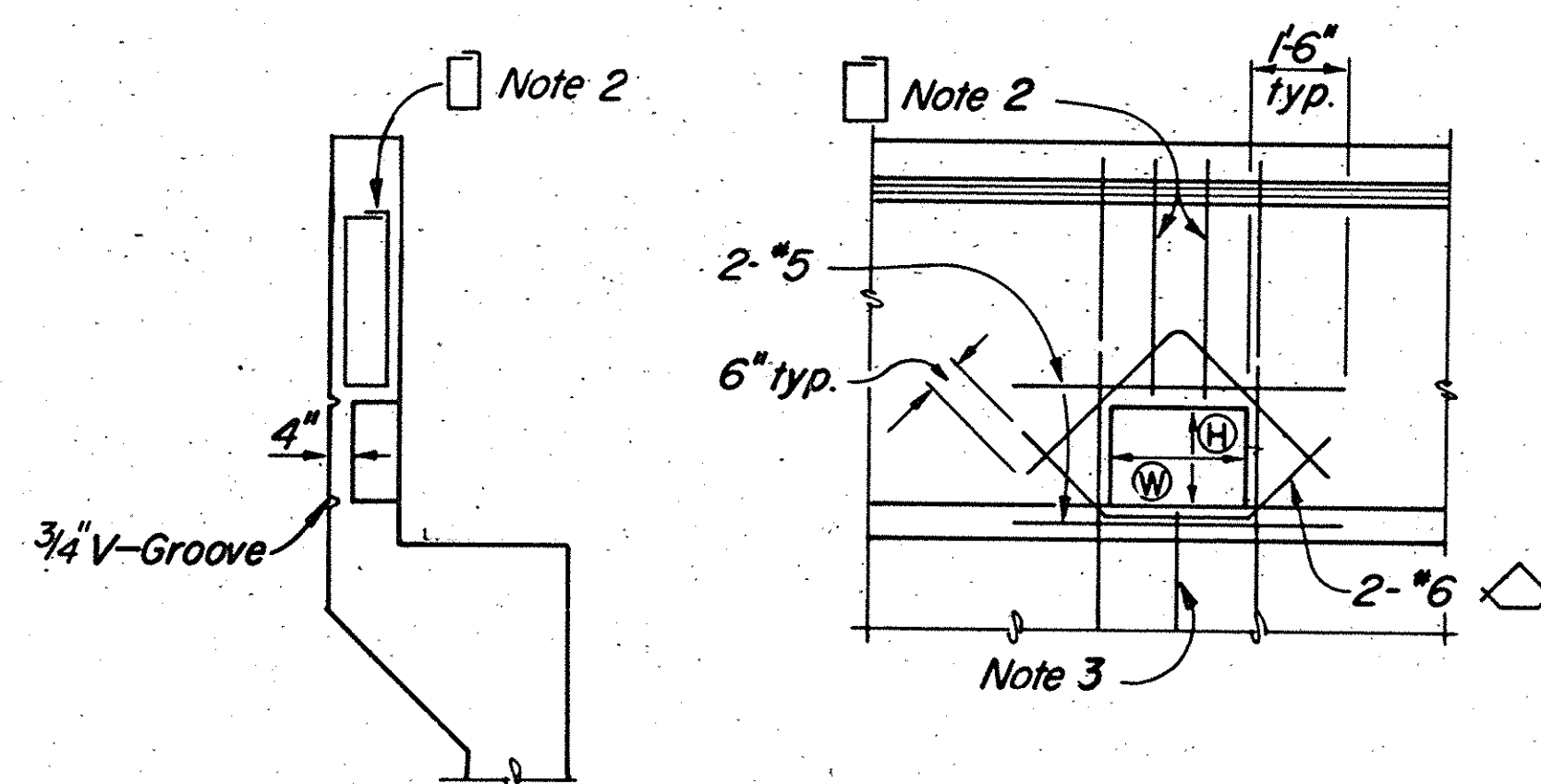
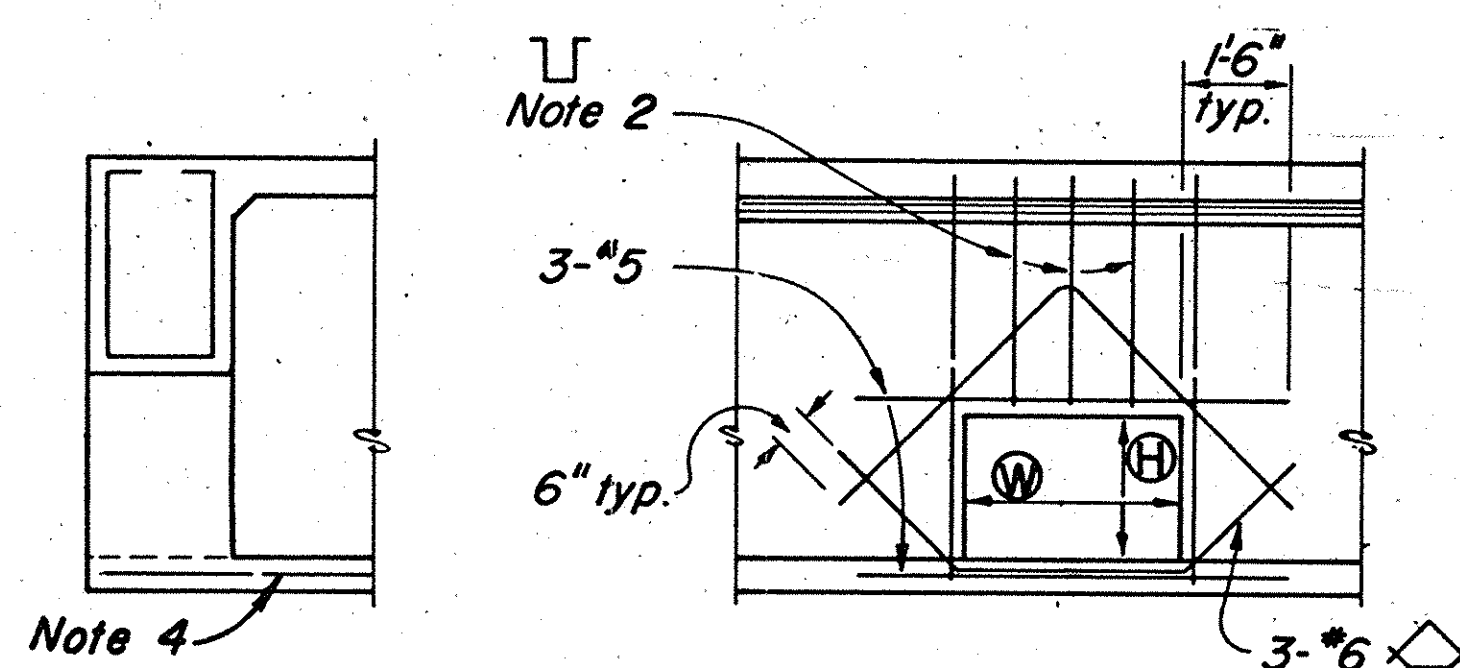




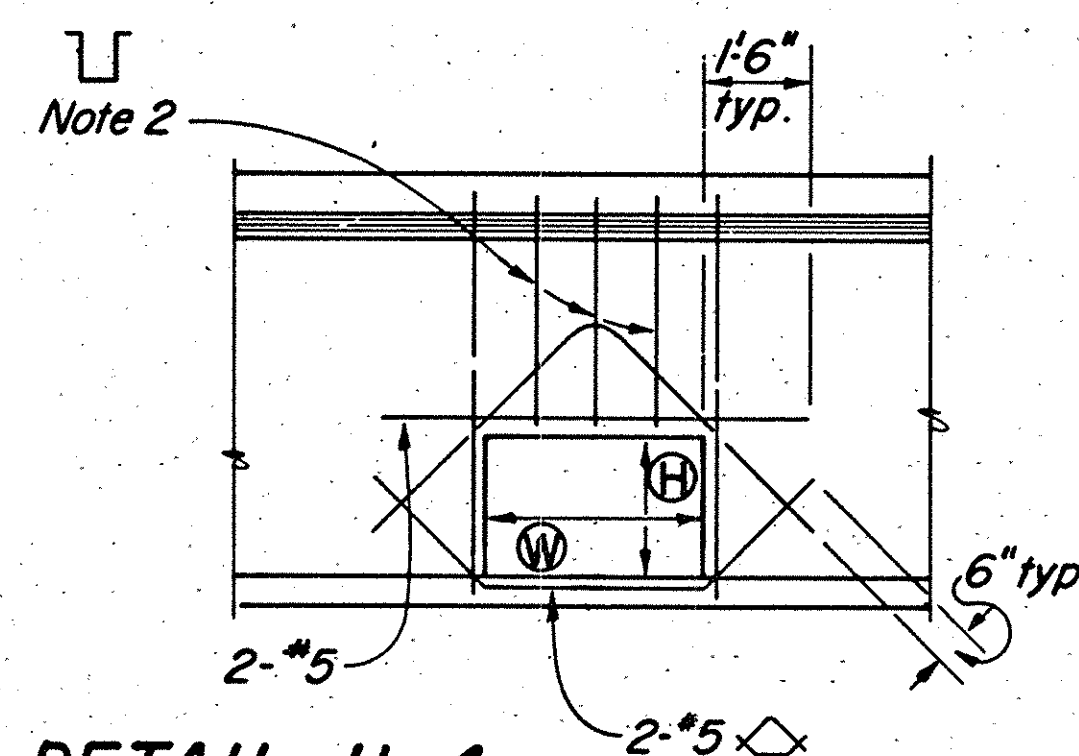
DETAIL U-1



DETAIL U-2

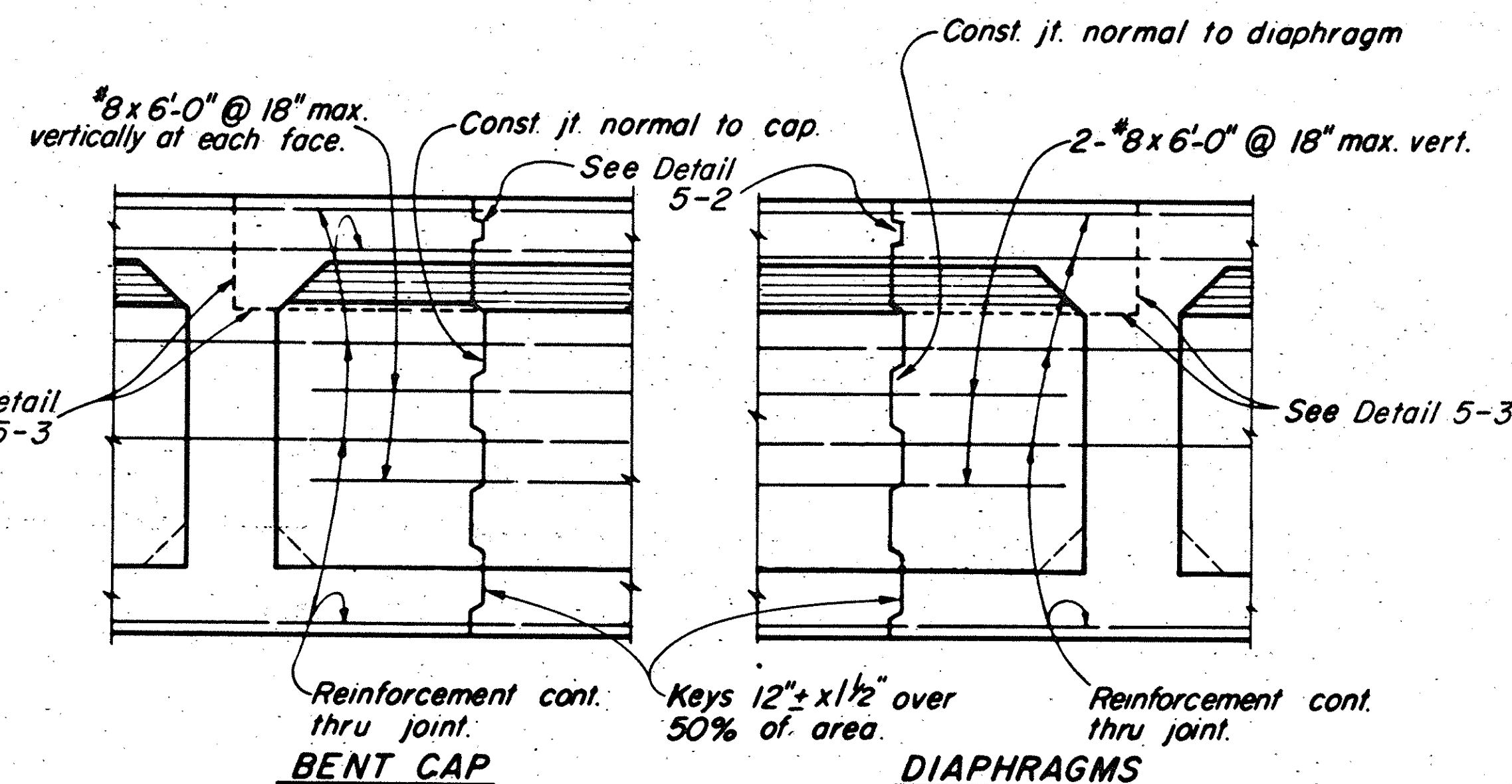


DETAIL U-3

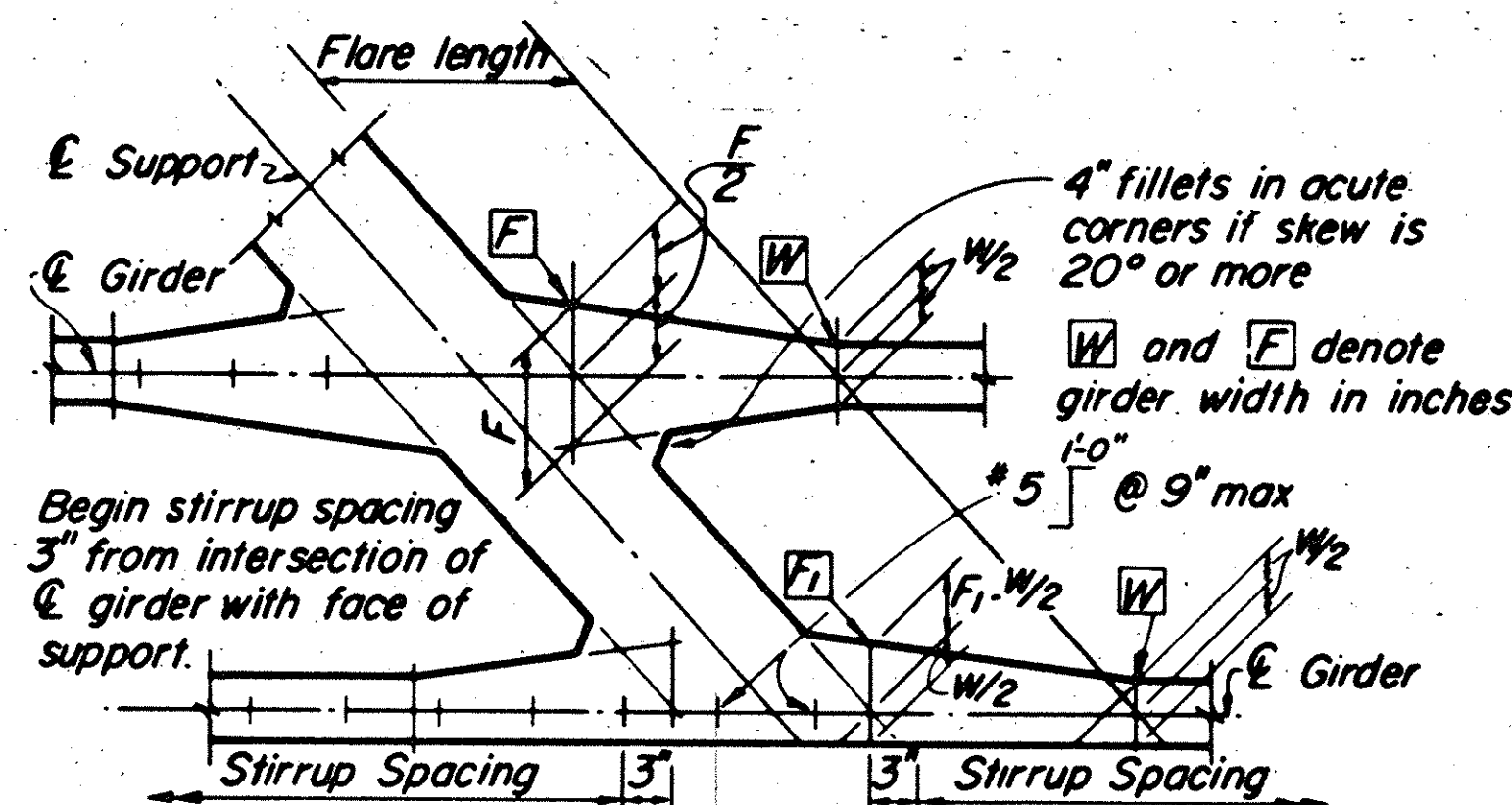


DETAIL U-4

UTILITY OPENINGS



LONGITUDINAL CONSTRUCTION JOINTS



TYPICAL GIRDER FLARE AND STIRRUP SPACING DIAGRAM

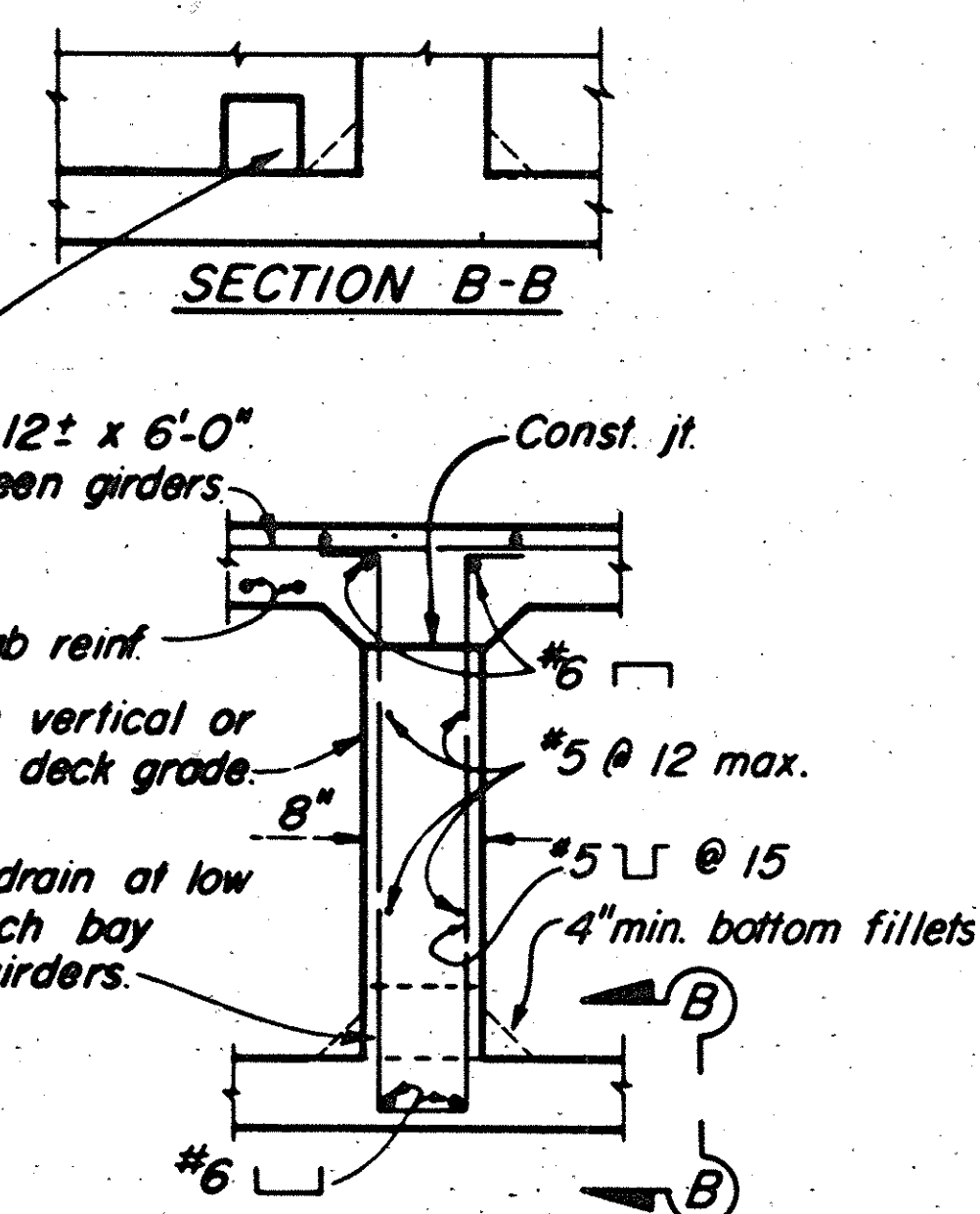
LOCATION	SIZE W H	DETAIL #	TOTAL
Abutment Backwall	24 24	U-1	2
Abutment Backwall	24 30	U-1	2
Abutment Backwall	24 24	U-2	4
End Diaphragm	24 24	U-3	6
End Diaphragm	24 30	U-3	2
Pier Cap	24 24	U-4	9
Pier Cap	24 30	U-4	3
Int. Diaphragm	24 24	U-4	12
Int. Diaphragm	24 30	U-4	4

("W" & "H" measured in inches.)

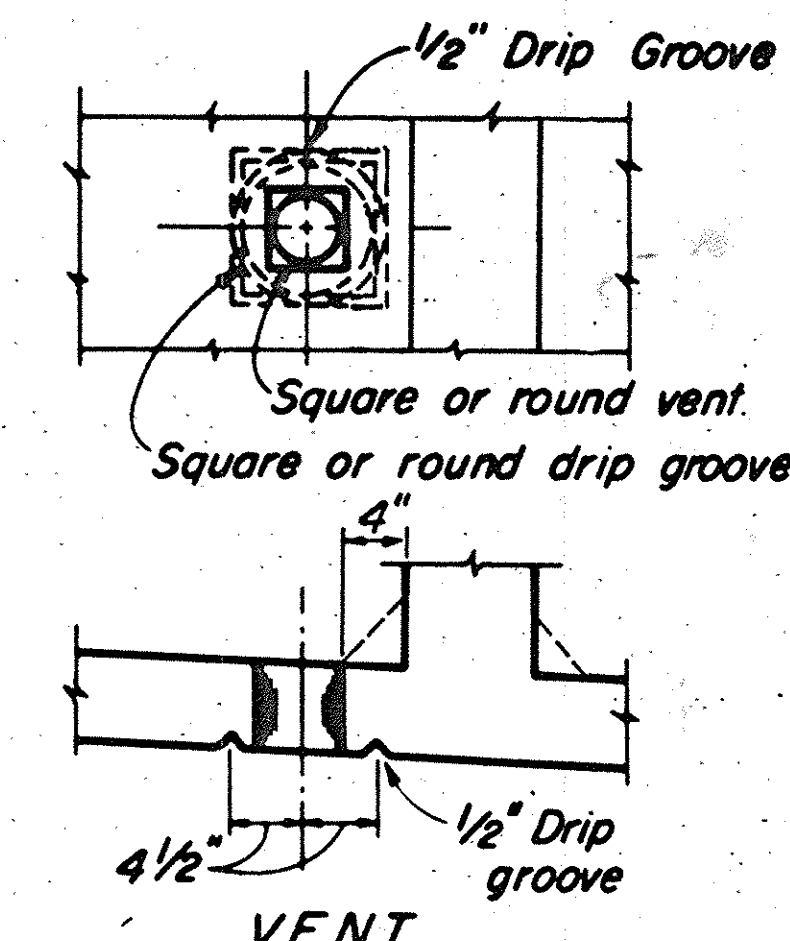
NOTE:

1. Seal utilities at abutments with concrete or mortar, after tightly wrapping utility with 2 layers of 15# building paper.
2. Reinf. to be same bar size and 2/3 the spacing of adjacent reinf. shown on Project Plans.
3. Reinf. to be same bar size and shape as adjacent reinf. shown on Project Plans.
4. Main reinf. to clear opening.

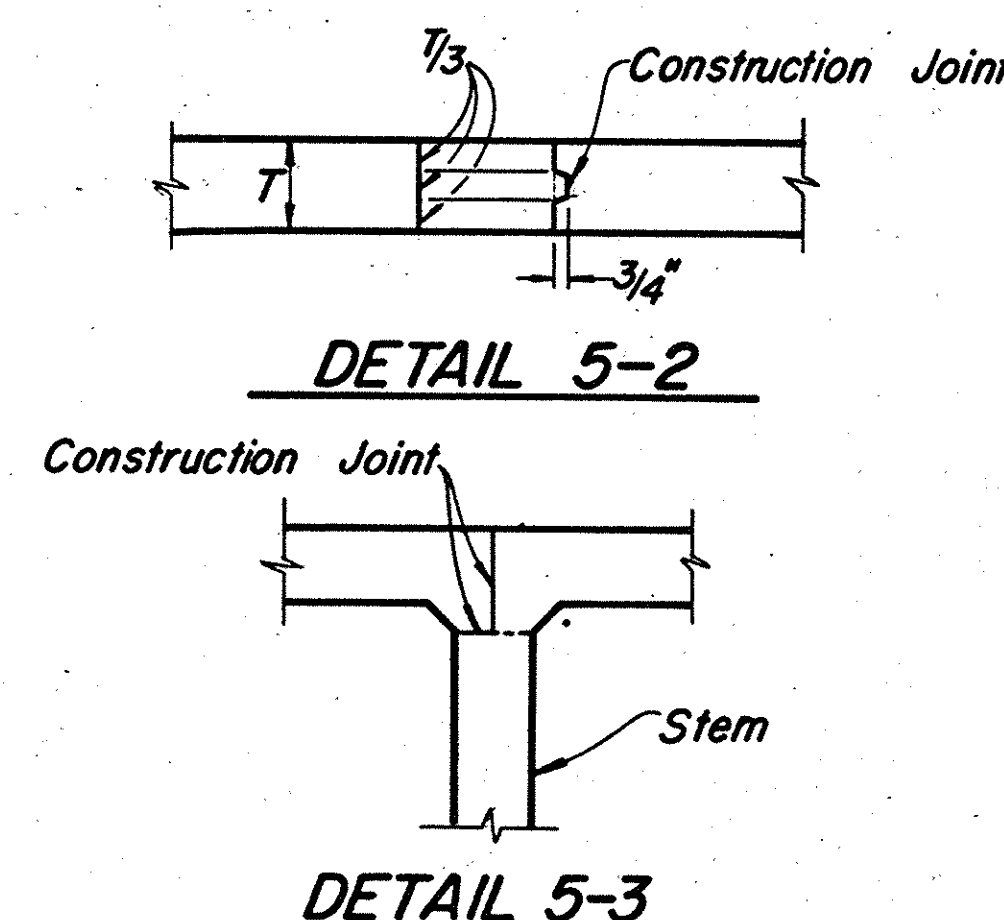
AS BUILT
WHILE THE PROJECT WAS IN PROGRESS, THE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY WILL NOT BE RESPONSIBLE FOR OMISSIONS, ERRORS, OR INACCURACIES.



INTERMEDIATE DIAPHRAGM SECTION

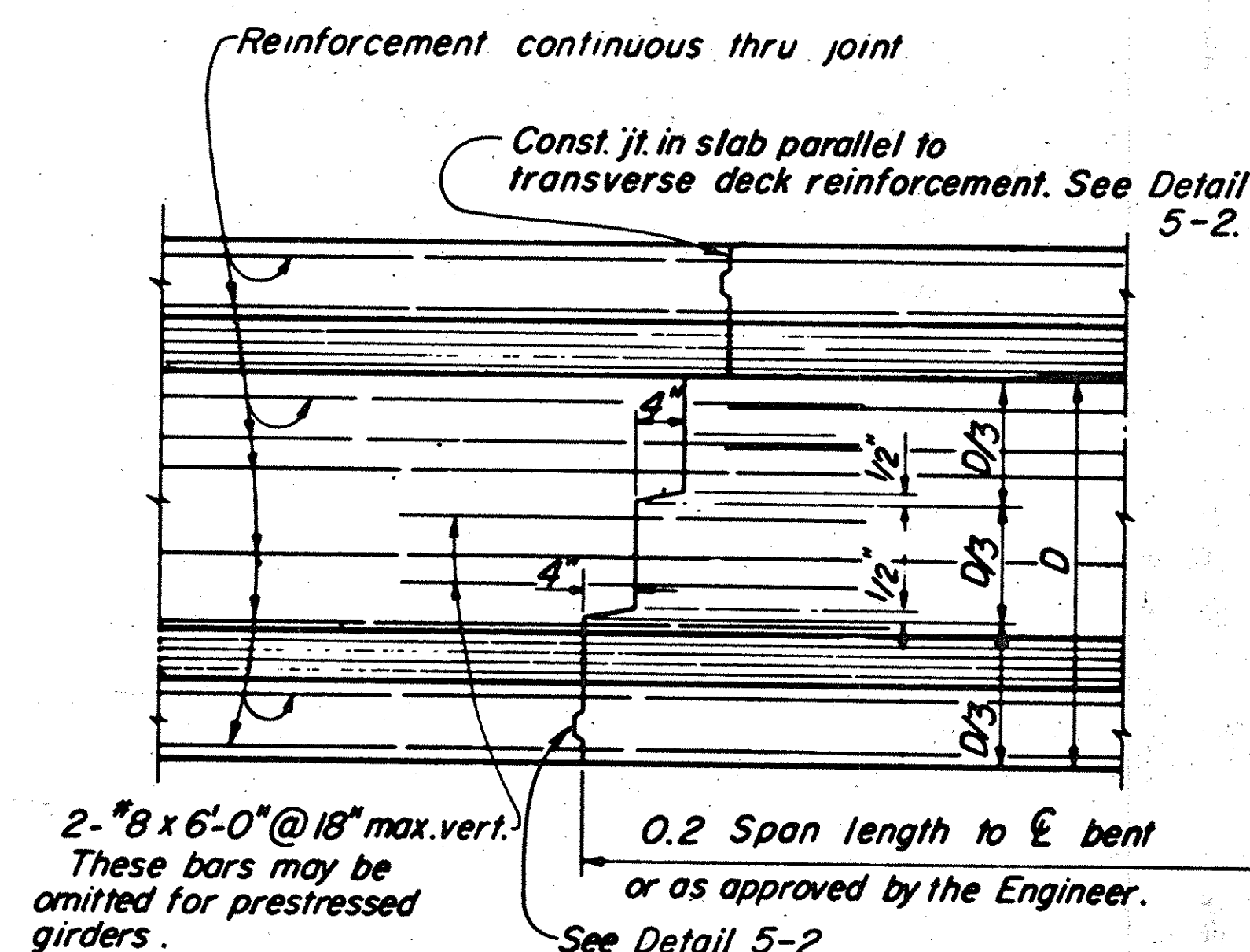


Note: 5" ϕ or ϕ vent in lower slab. Min. of two vents per span in each bay between girders. One vent to be located at low point of span and other vent to be located at opposite end of span @ 1'-6" from face of Abutment or Bent.



DETAIL 5-2

DETAIL 5-3



TRANSVERSE GIRDER CONSTRUCTION JOINTS

1 1/2 0 1 2
3 inches on original drawing

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY		TALBERT - MACARTHUR BRIDGE	
ACROSS SANTA ANA RIVER		MISCELLANEOUS DETAILS	
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED	MMHSU	SCALE	DATE
DRAWN	PLB	CHECKED	GWF
SHEET		13	