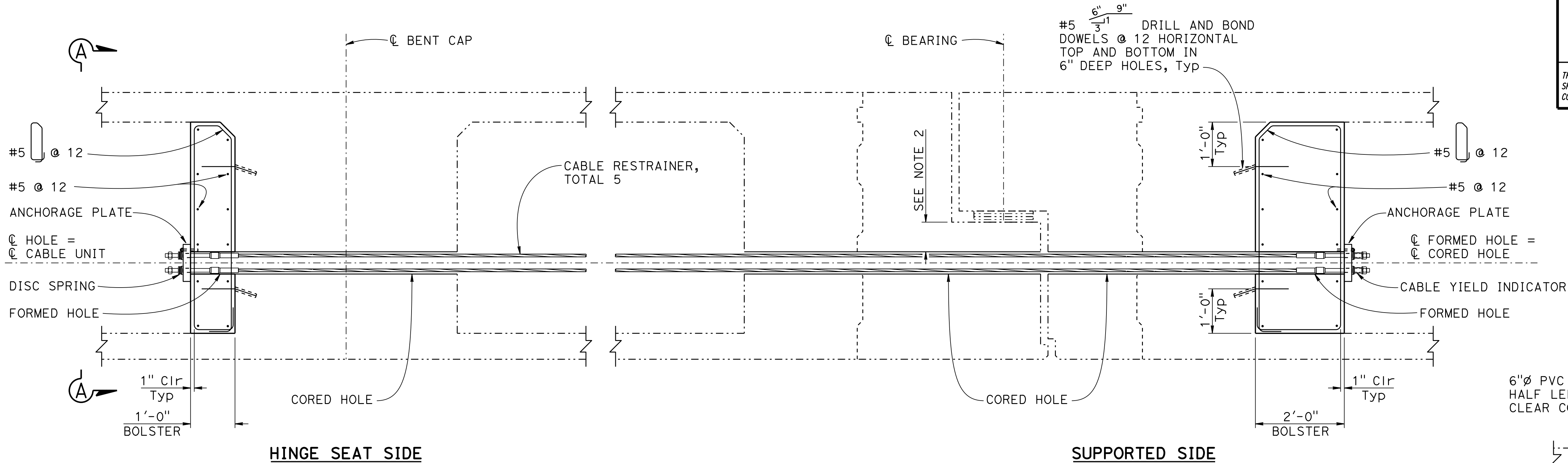
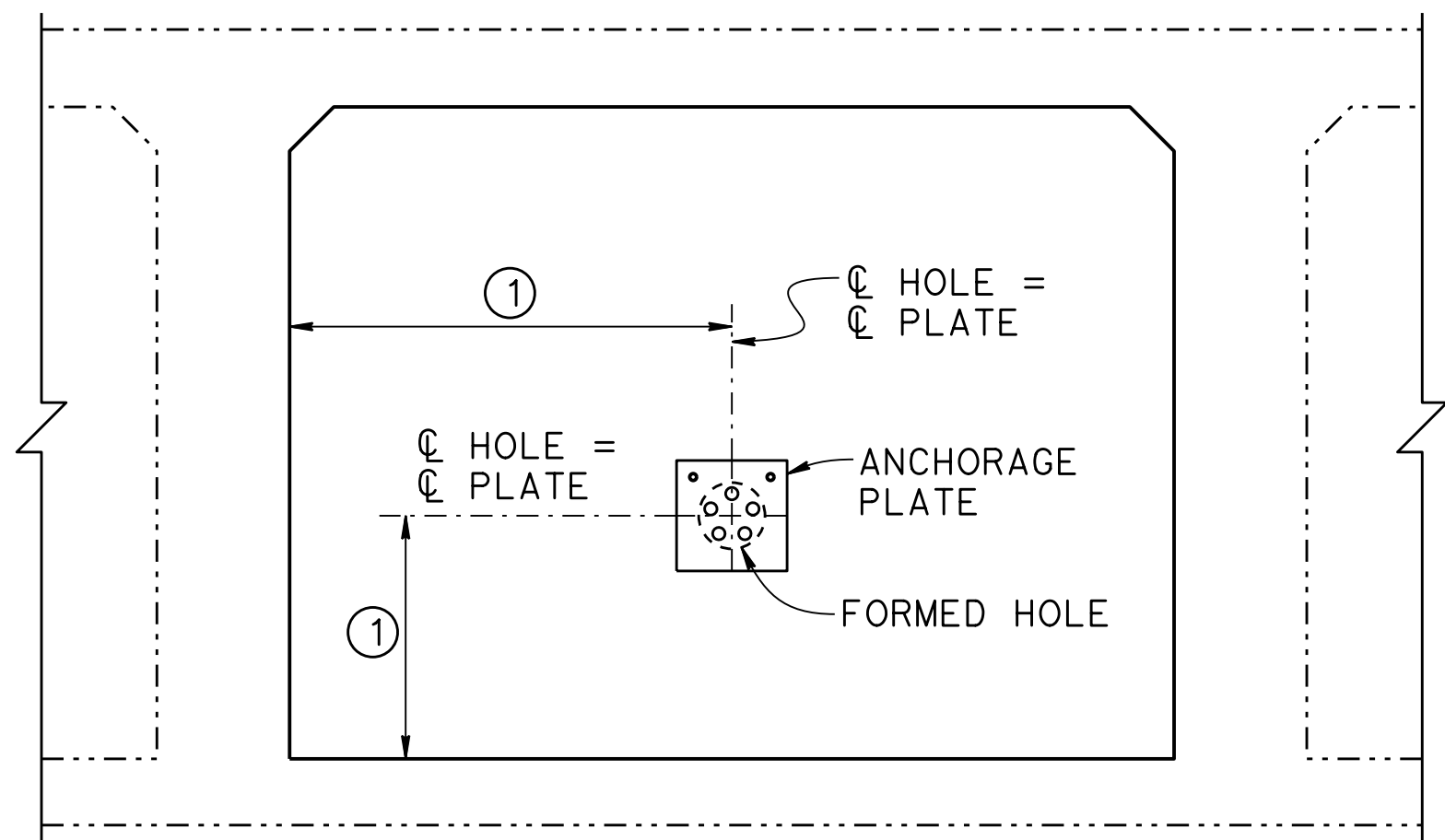
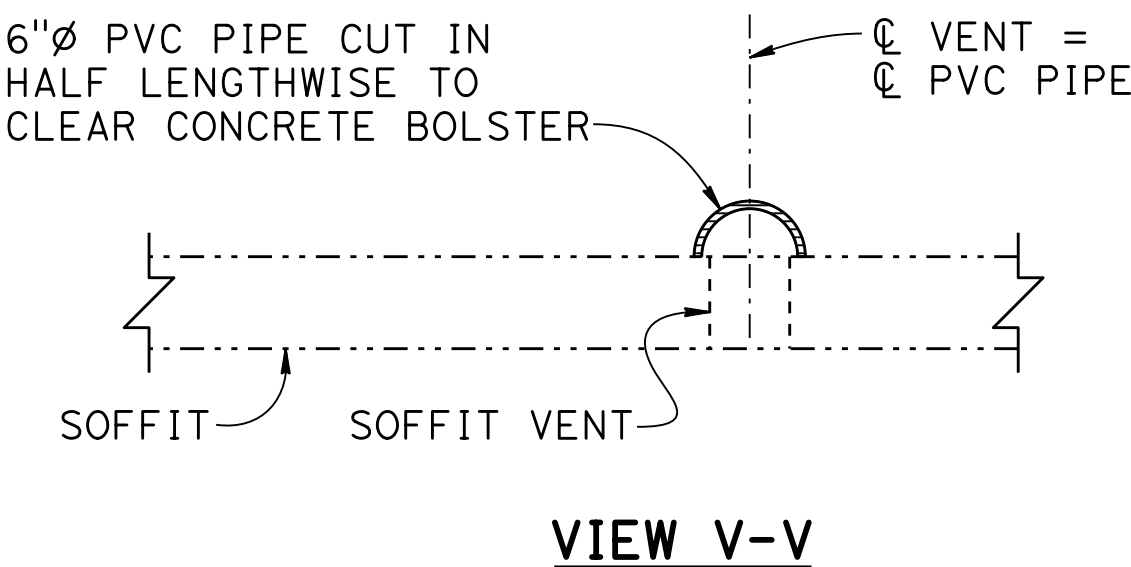
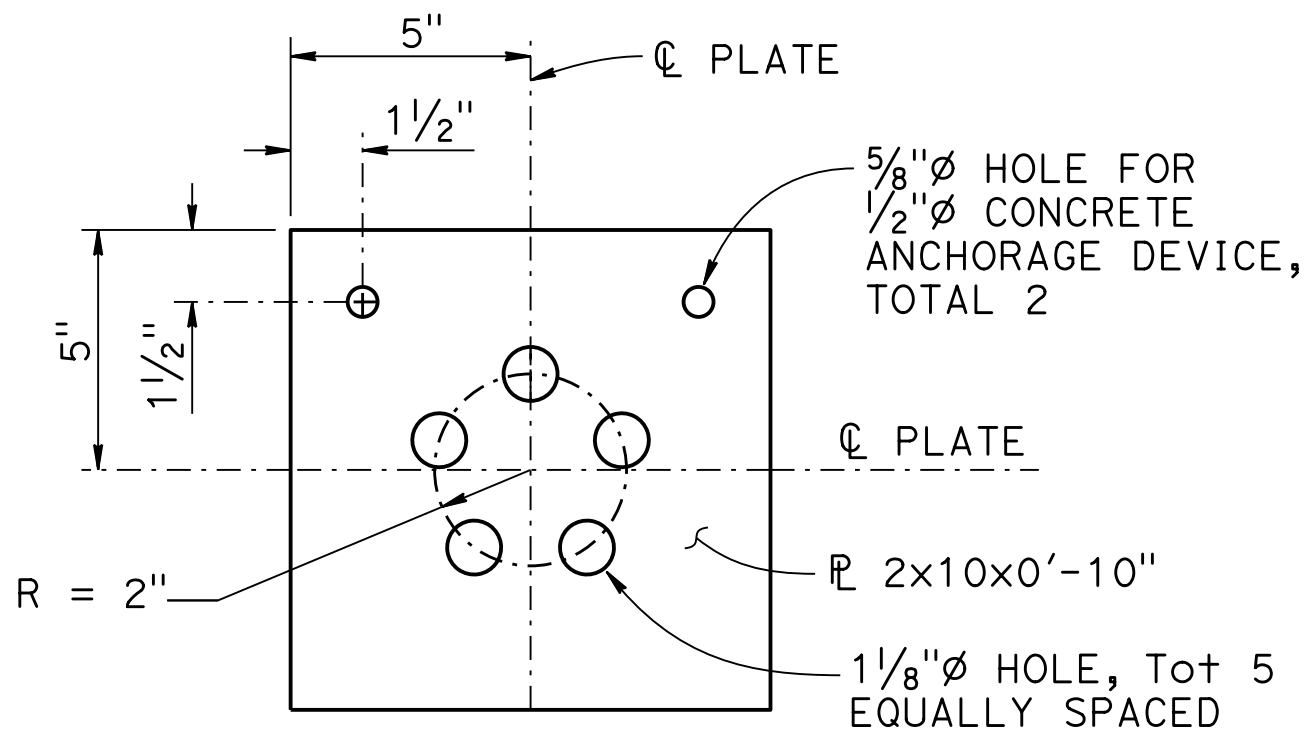




RESTRAINER RETROFIT ON AN EXISTING STRUCTURE
3/4" = 1'-0"



VIEW A-A
3/4" = 1'-0"



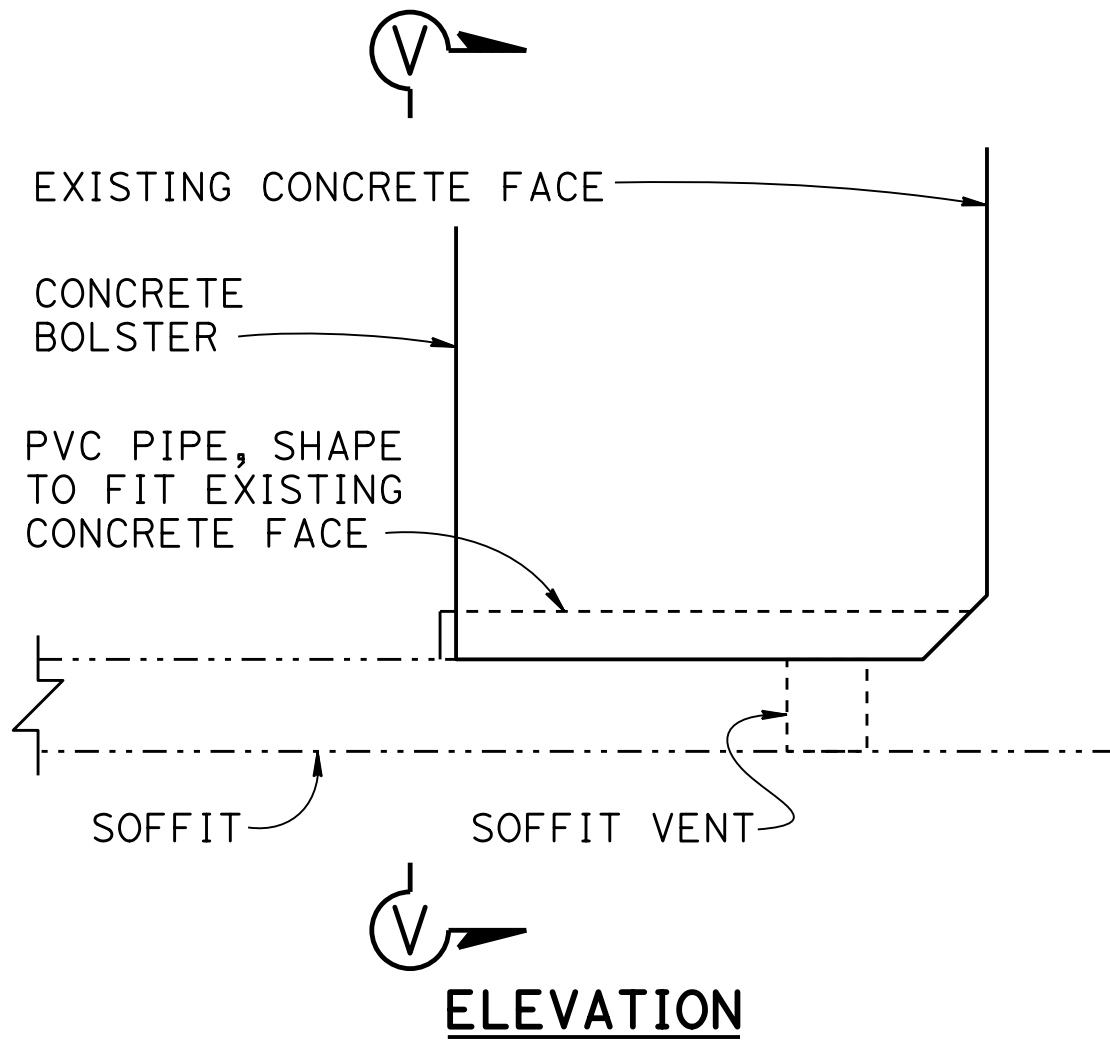
ANCHORAGE PLATE
3" = 1'-0"

NOTES:

- The formed and cored holes shall be 6"Ø and shall be aligned to form a straight line for the entire length of the restrainers and be parallel to the centerline of the girder. The top of hole shall be 2" below the seat's top main reinforcement. During construction, hole ends shall be capped to prevent debris intrusion.
- The bearing surface shall be perpendicular to girders.
- For Cable Restrainer and Hardware details, see XS7-090, "CABLE RESTRAINER HARDWARE DETAILS" sheet.
- Existing reinforcement not shown.

LEGEND:

----- Existing Structure



ELEVATION

Existing soffit vents must remain open. Where concrete bolster interferes, place a PVC pipe extension or similar device. Size shall be approved by the Engineer.

VENT EXTENSION
1" = 1'-0"

NOTE:
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

BRIDGE STANDARD DETAILS		DESIGN	BY	CHECKED	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF ENGINEERING SERVICES	BRIDGE No.	X										
xs7-041 FILE No.	AUGUST 2026 APPROVAL DATE	DETAILS	BY	CHECKED			XX-XXXX POST MILE											
		QUANTITIES	BY	CHECKED			X.X											
		CABLE RESTRAINER - TYPE 1 (RETROFIT)																
Refer to: http://www.dot.ca.gov/hq/esc/techpubs/manual/bridgemanuals/bridge-standard-detail-sheets/index.html							DATE PLOTTED => 6-AUG-2026 FILE => xs7-041.dgn		TIME PLOTTED => 11:12 USERNAME => s148360		ORIGINAL SCALE IN INCHES FOR REDUCED PLANS		0	1	2	3		
UNIT: XXXX PROJECT NUMBER & PHASE: XXXXXXXXXX1		COUNTY/ROUTE/ZONE: XXX/XXX/X CONTRACT No.: XX-XXXXX4		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES		SHEET	OF									
						07-22-26		X	X									