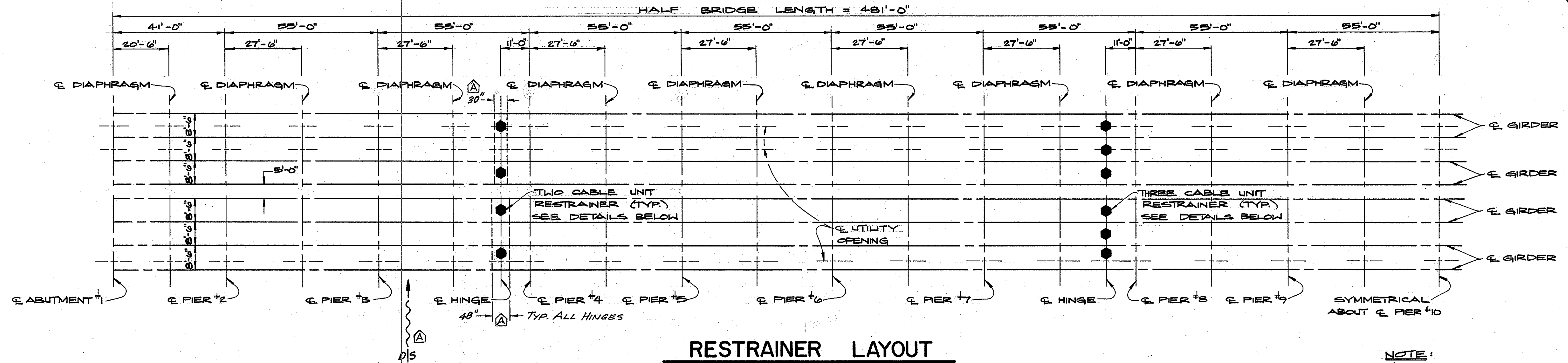


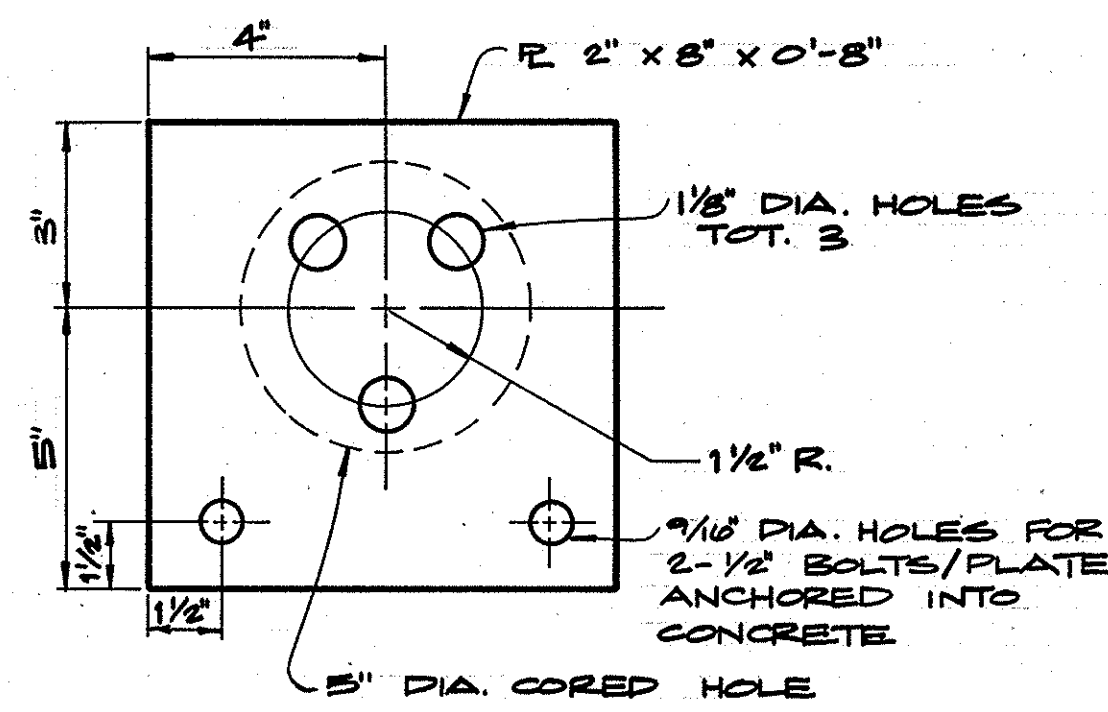


RESTRAINER LAYOUT

SCALE: 1" = 20'

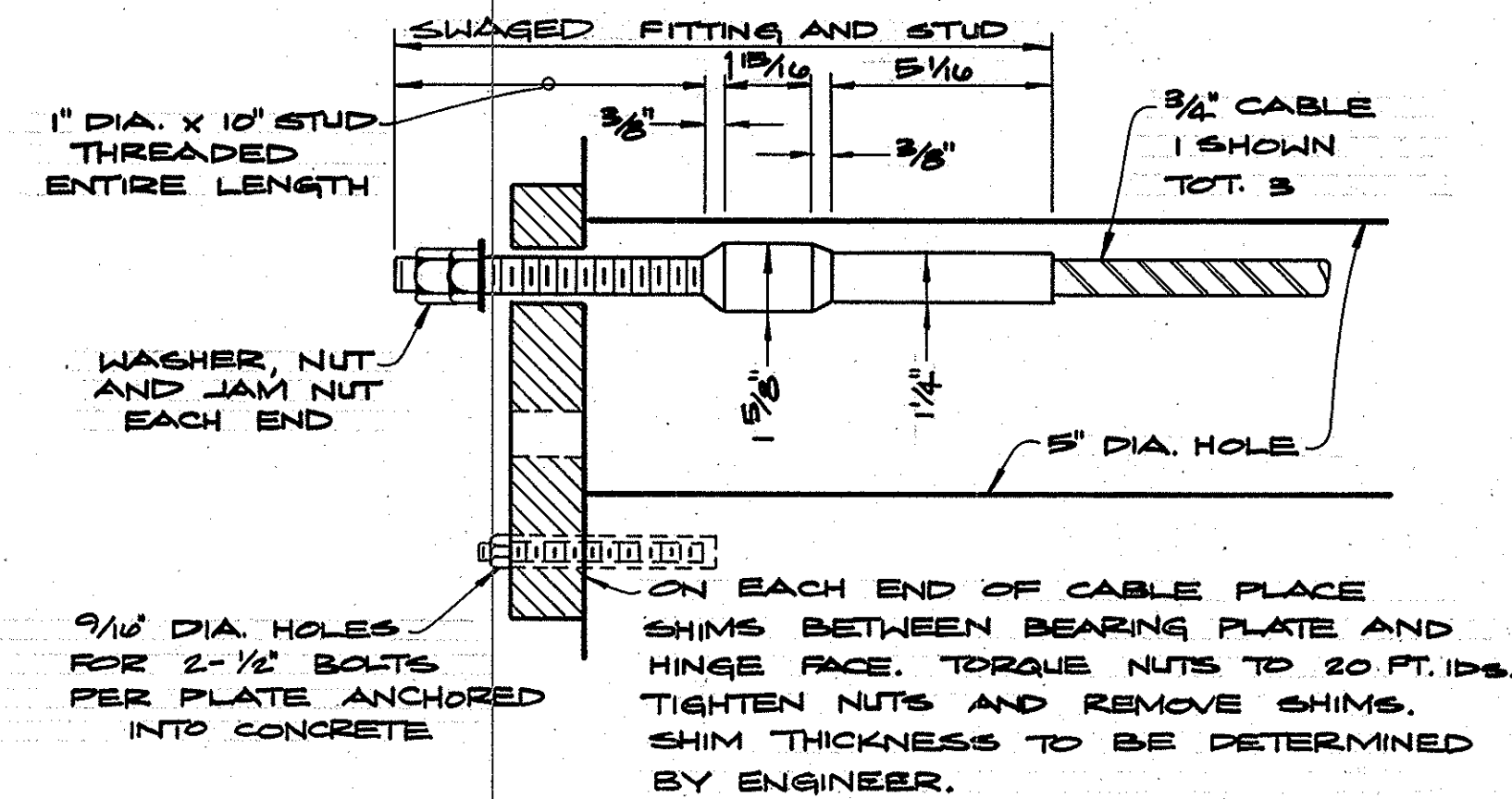
NOTE:
THE CONTRACTOR SHALL VERIFY ALL DEPENDENT DIMENSIONS IN THE FIELD BEFORE ORDERING OR FABRICATING ANY MATERIAL.

● — RESTRAINER UNIT



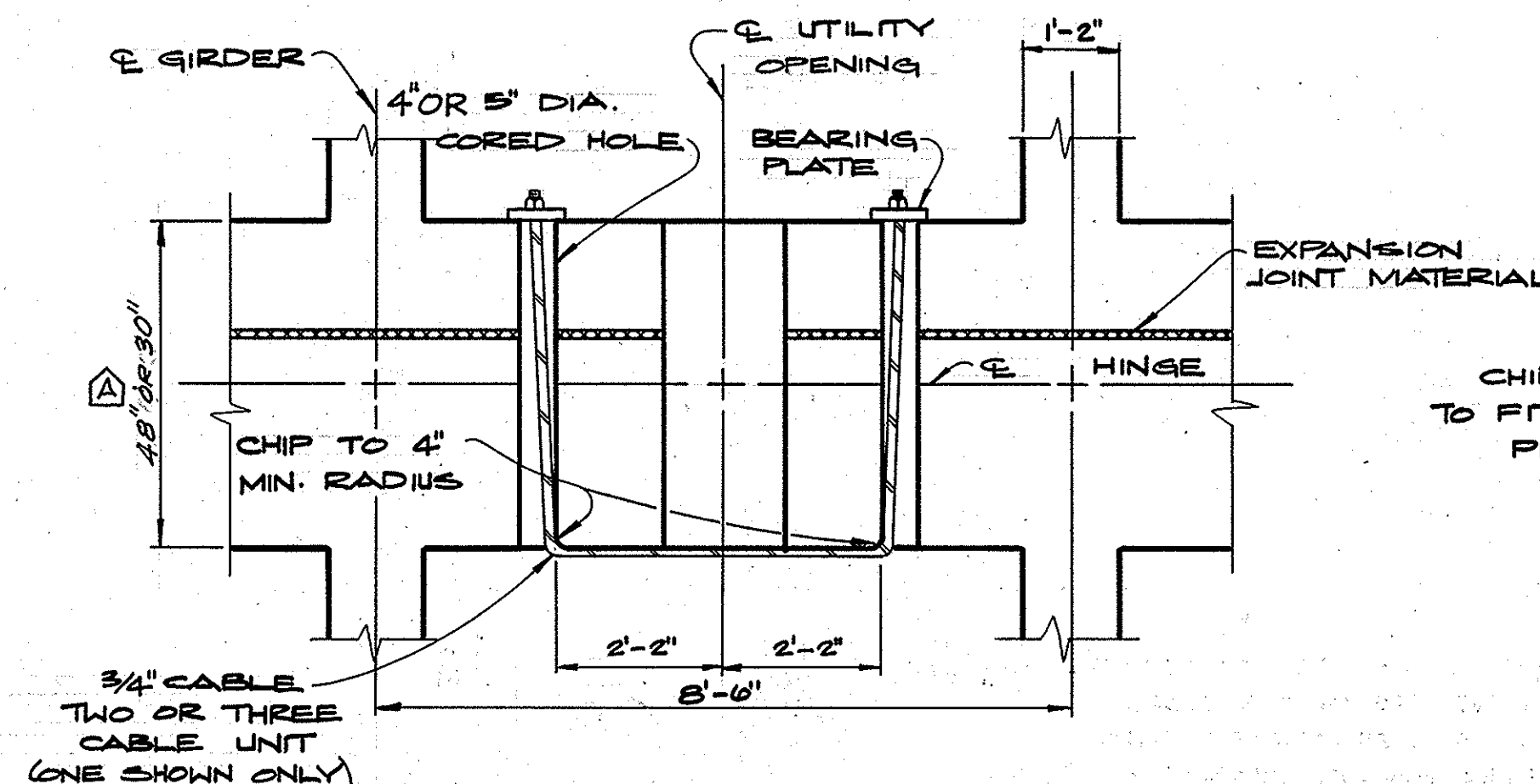
BEARING PLATE DETAIL

(FOR THREE CABLE UNIT)
NO SCALE



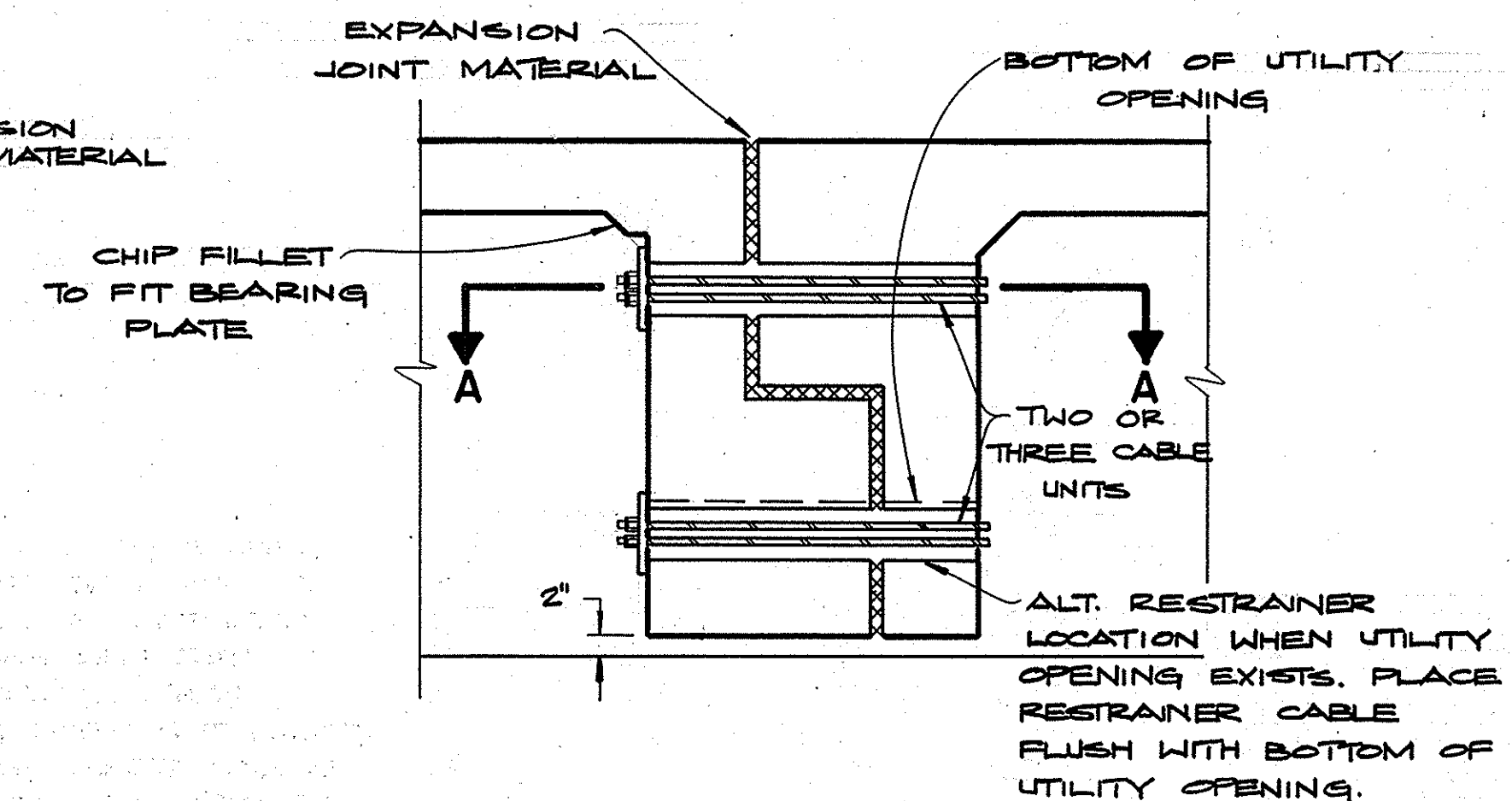
THREE CABLE UNIT END ANCHORAGE DETAIL

NO SCALE



SECTION "A-A"

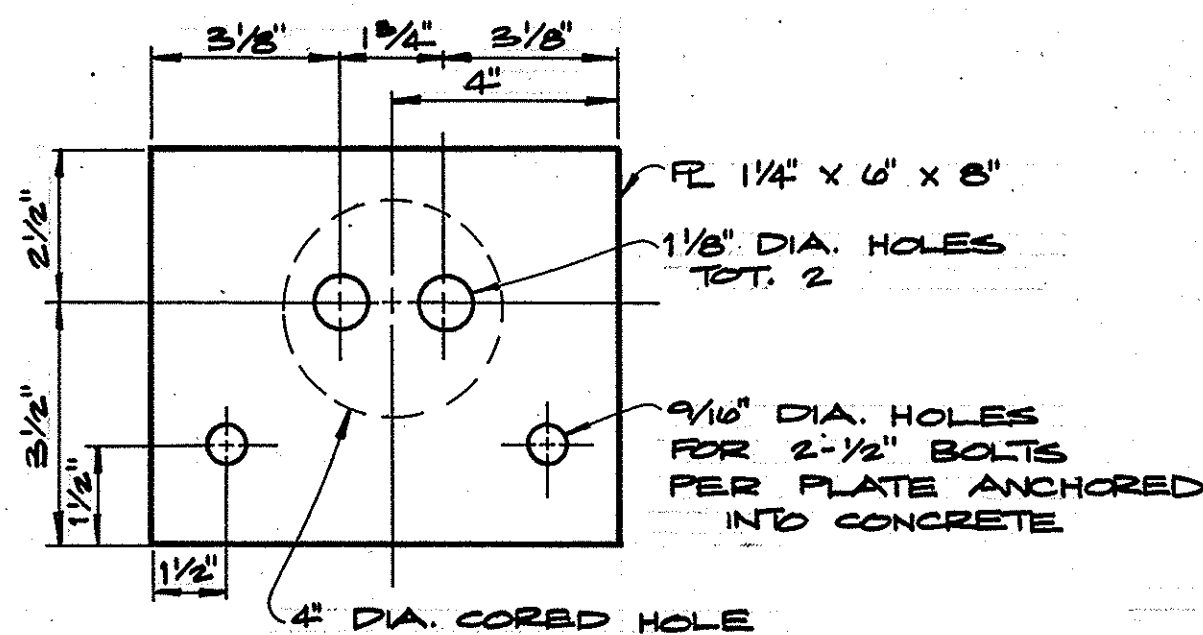
NO SCALE



SECTION THRU RESTRAINER UNIT

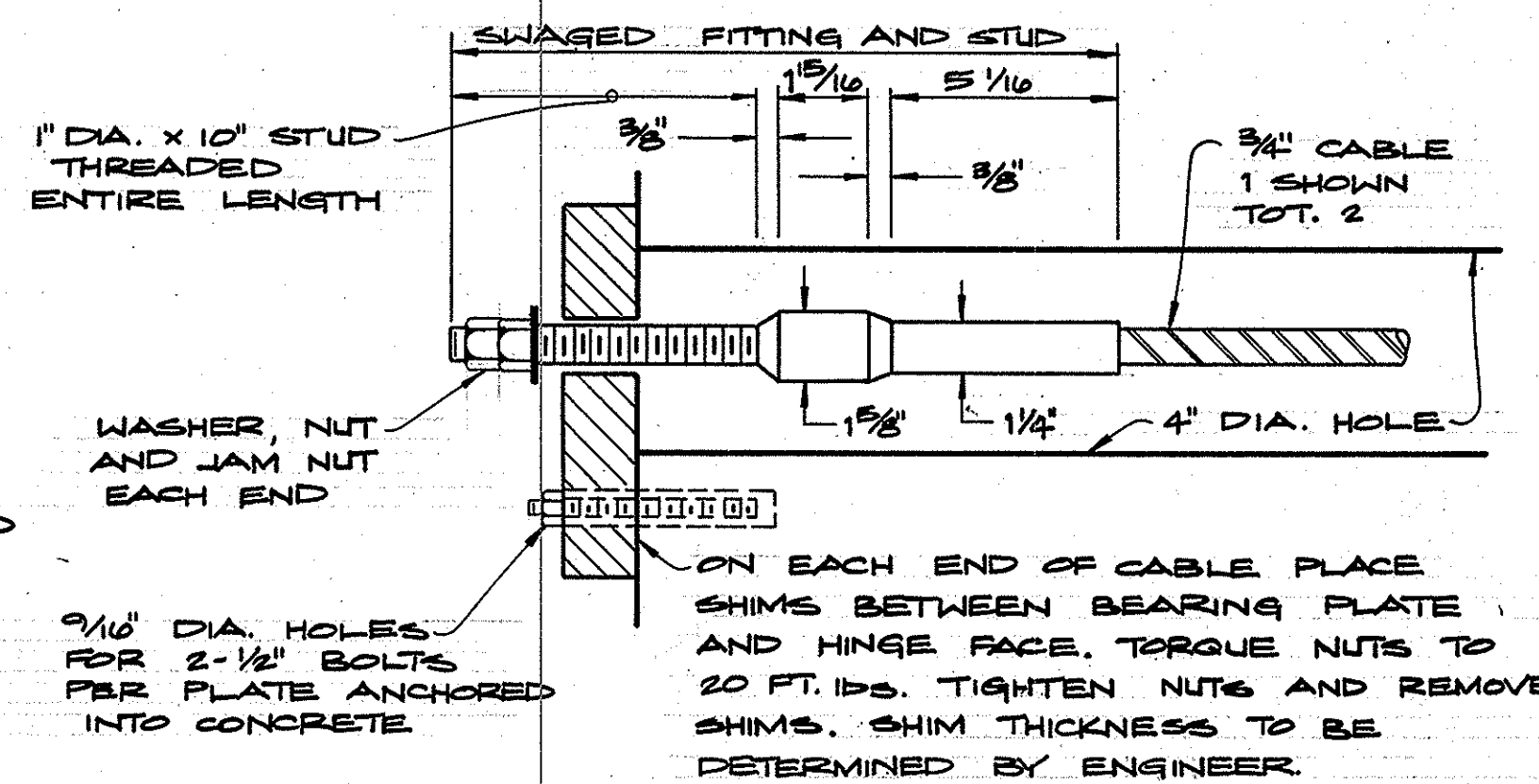
NO SCALE

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



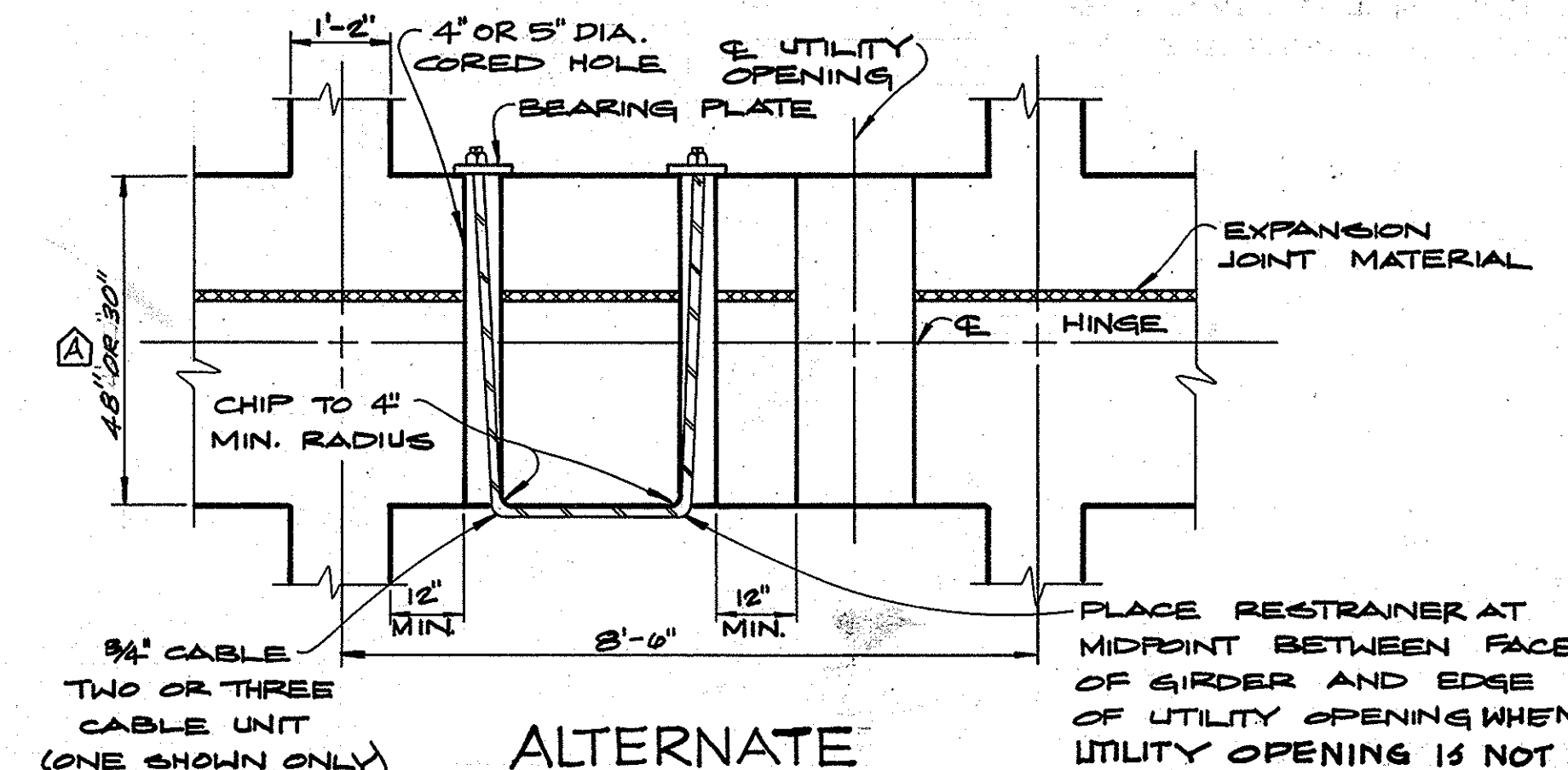
BEARING PLATE DETAIL

(FOR TWO CABLE UNIT)
NO SCALE



TWO CABLE UNIT END ANCHORAGE DETAIL

NO SCALE



ALTERNATE SECTION "A-A"

NO SCALE

PLACE RESTRAINER AT MIDPOINT BETWEEN FACE OF GIRDER AND EDGE OF UTILITY OPENING WHEN UTILITY OPENING IS NOT LOCATED IN THE MIDDLE OF THE BAY.

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
SEISMIC RETROFIT			
GLASSELL STREET BRIDGE			
at			
SANTA ANA RIVER			
(SA-8 and SA-8A)			
DESIGNED M.M.HSU	CHECKED P.BURK	SCALE AS SHOWN	DATE 10/83
DATE 6-27-84	AS BUILT	DATE 10/83	SHEET 11