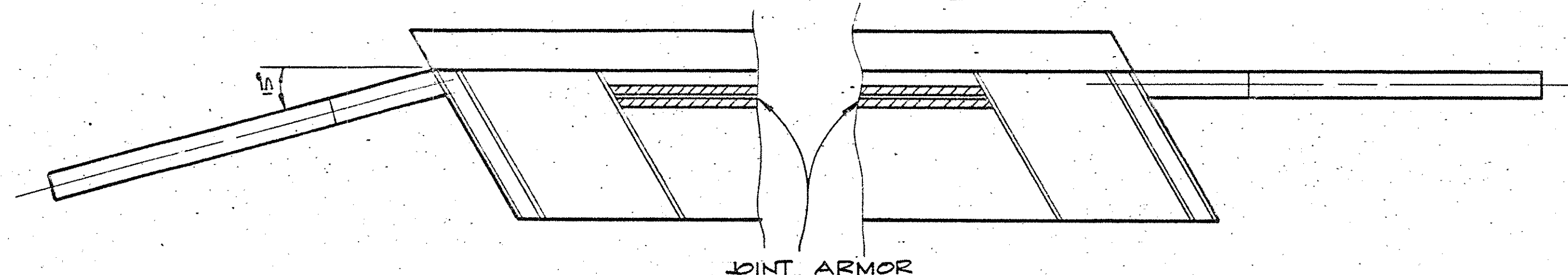


LIMITS OF JOINT ARMOR
LIMITS OF JOINT ARMOR ARE SHOWN
THUS . JOINT ARMOR SHALL
BE INSTALLED AT EACH ABUTMENT
FROM SIDEWALK TO SIDEWALK AND
FABRICATED IN ONE PIECE FROM ϕ TO SIDEWALK



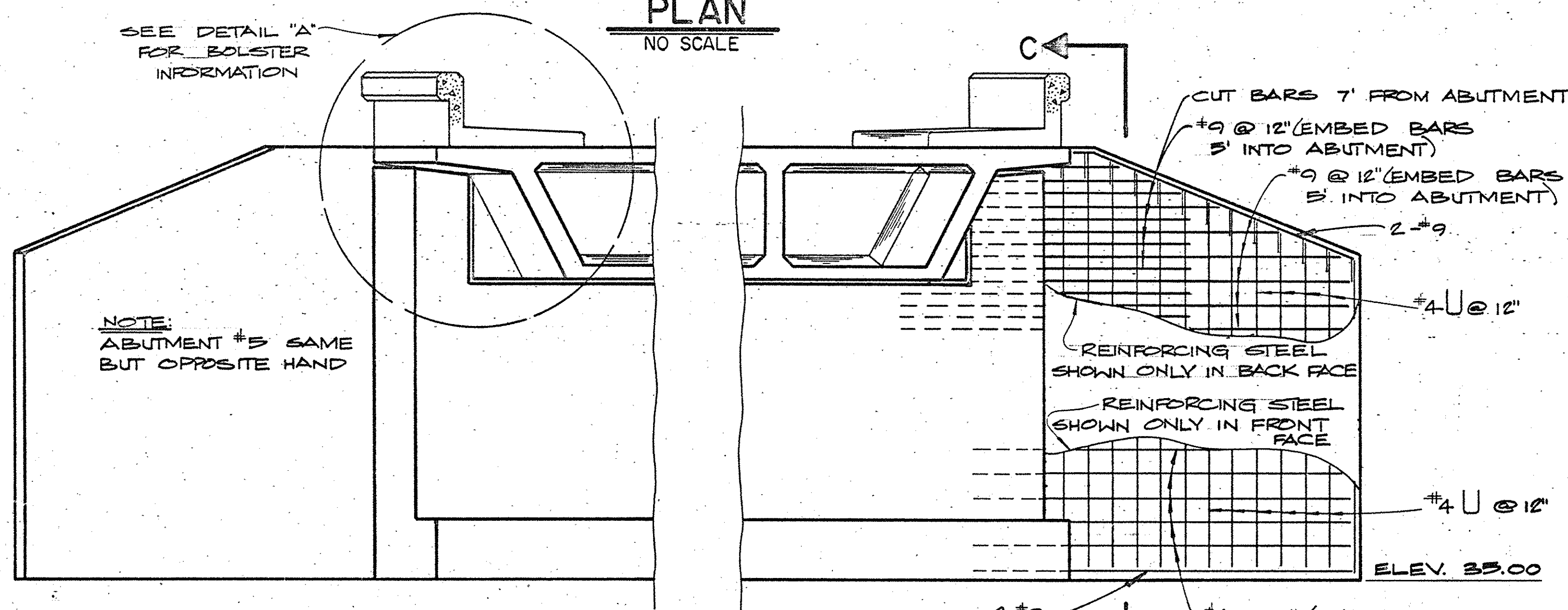
JOINT ARMOR

PLAN

NO SCALE

SEE DETAIL "A"
FOR BOLSTER
INFORMATION

NOTE:
ABUTMENT #5 SAME
BUT OPPOSITE HAND



WINGWALL ELEVATION

(ABUTMENT #1)
NO SCALE

CUT BARS 7' FROM ABUTMENT

#9 @ 12" (EMBED BARS
5' INTO ABUTMENT)

#9 @ 12" (EMBED BARS
5' INTO ABUTMENT)

2-#9

#4 U @ 12"

REINFORCING STEEL
SHOWN ONLY IN BACK FACE

REINFORCING STEEL
SHOWN ONLY IN FRONT FACE

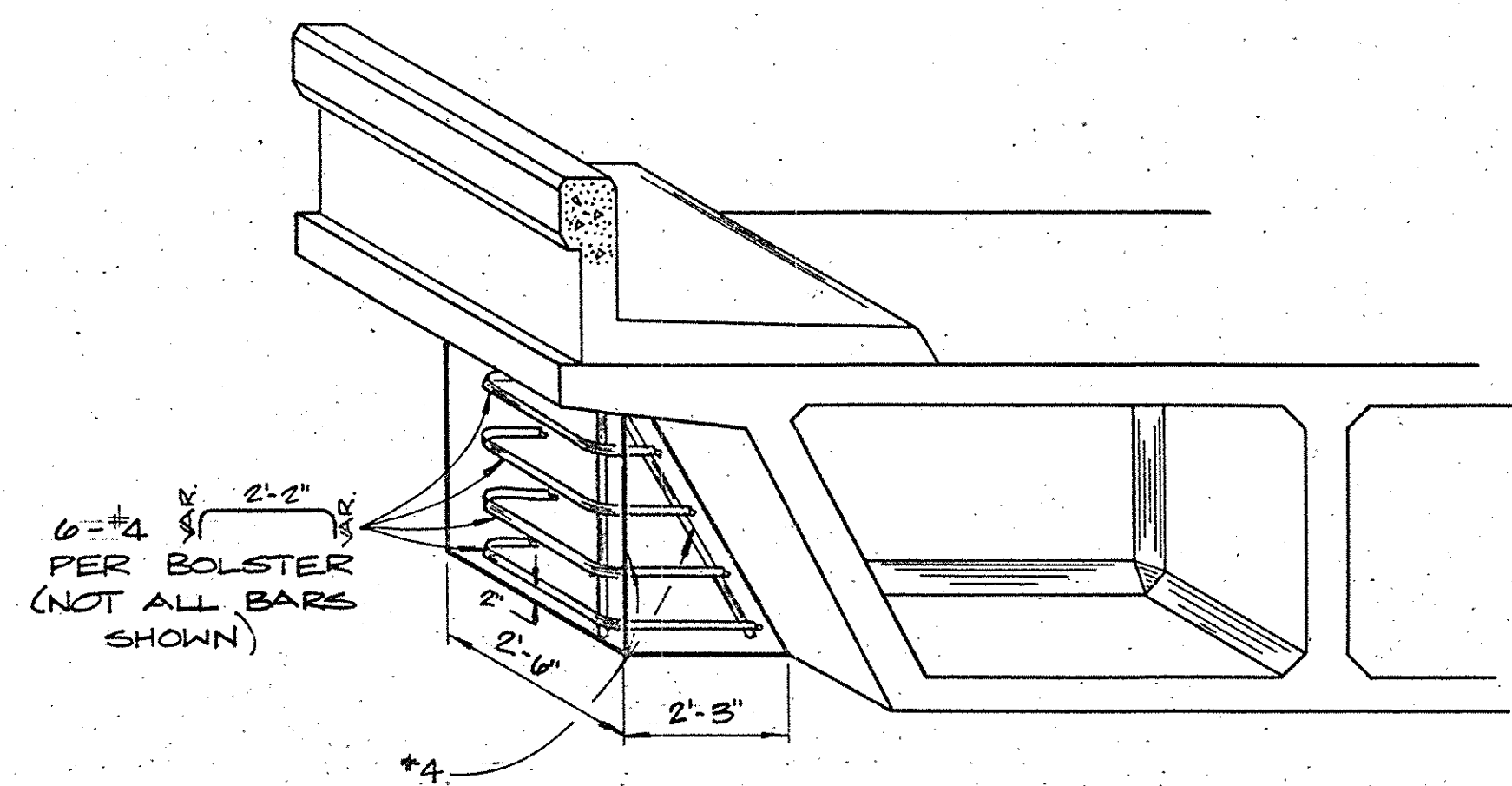
#4 U @ 12"

ELEV. 35.00

#4 @ 12" (EMBED BARS
2' INTO ABUTMENT)

2-#9

C-A



DETAIL "A"

NO SCALE

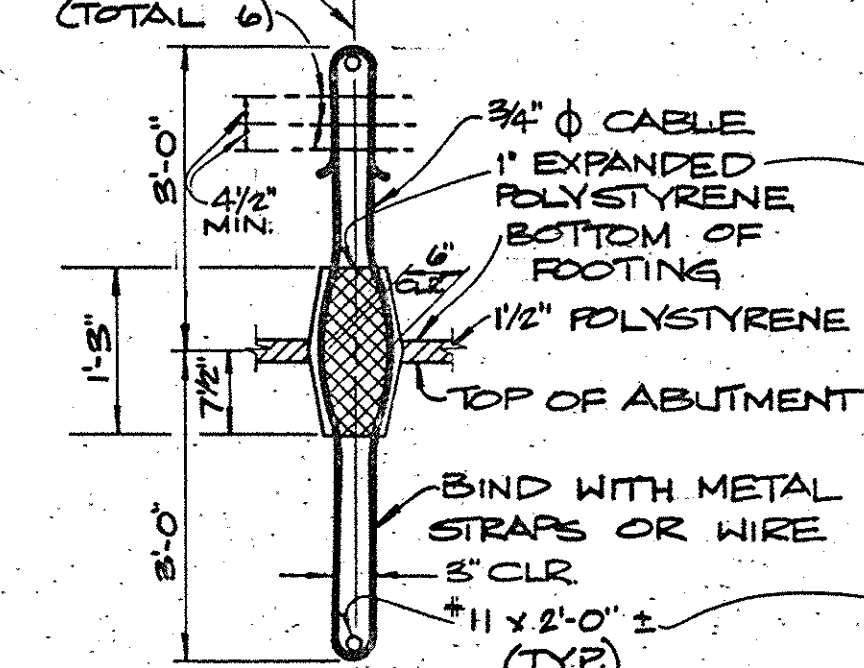
AS BUILT

WHILE THE INFORMATION SHOWN IS BELIEVED TO
BE ACCURATE, THE ORANGE COUNTY ENVIRONMENTAL
MANAGEMENT AGENCY WILL NOT BE RESPONSIBLE
FOR OMISSIONS, ERRORS, OR INACCURACIES

ϕ BEARING

DIAPHRAGM SECTION

4-BOLT CLIPS
(TOTAL 6)

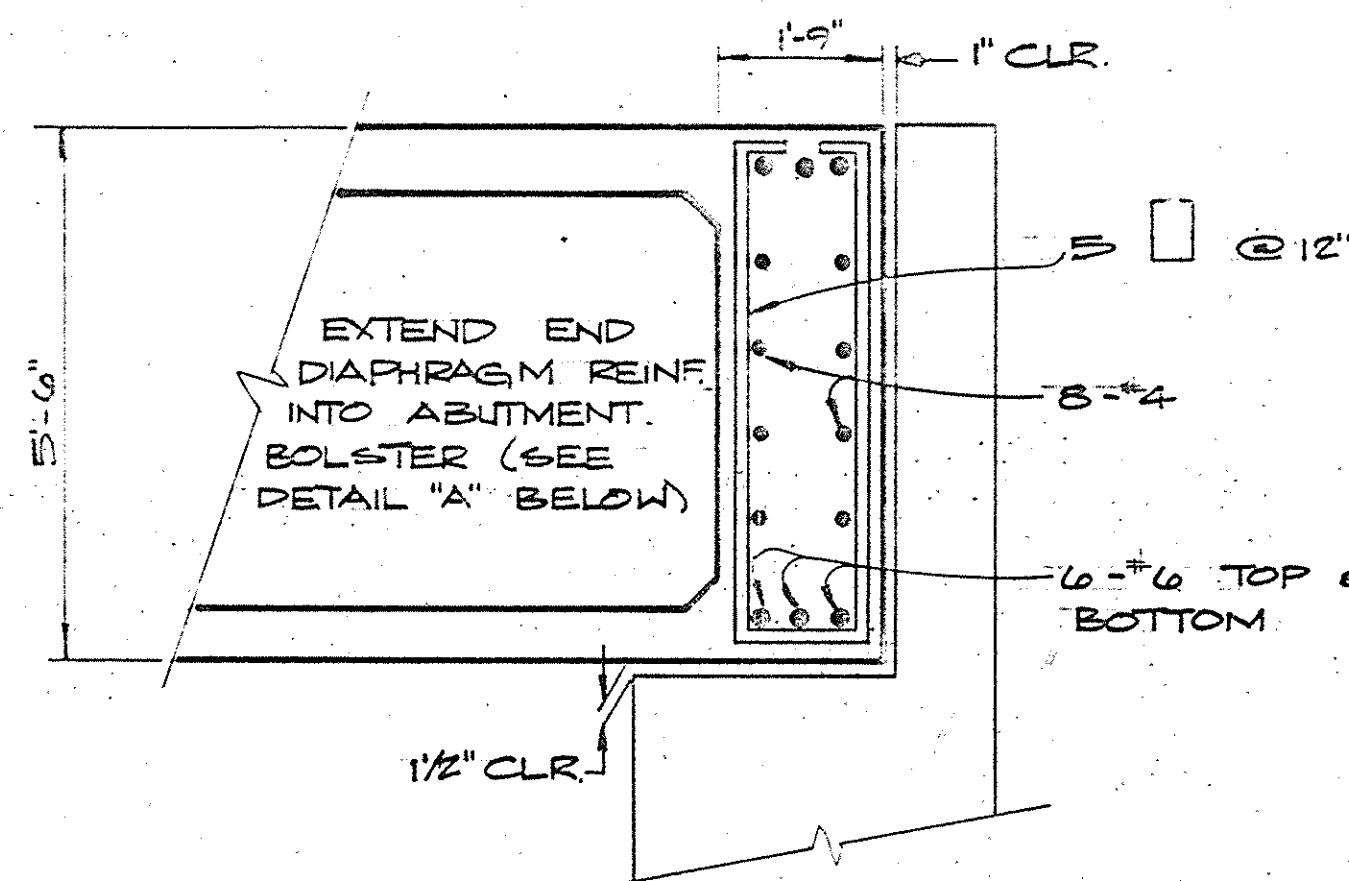


ELEVATION

SECTION

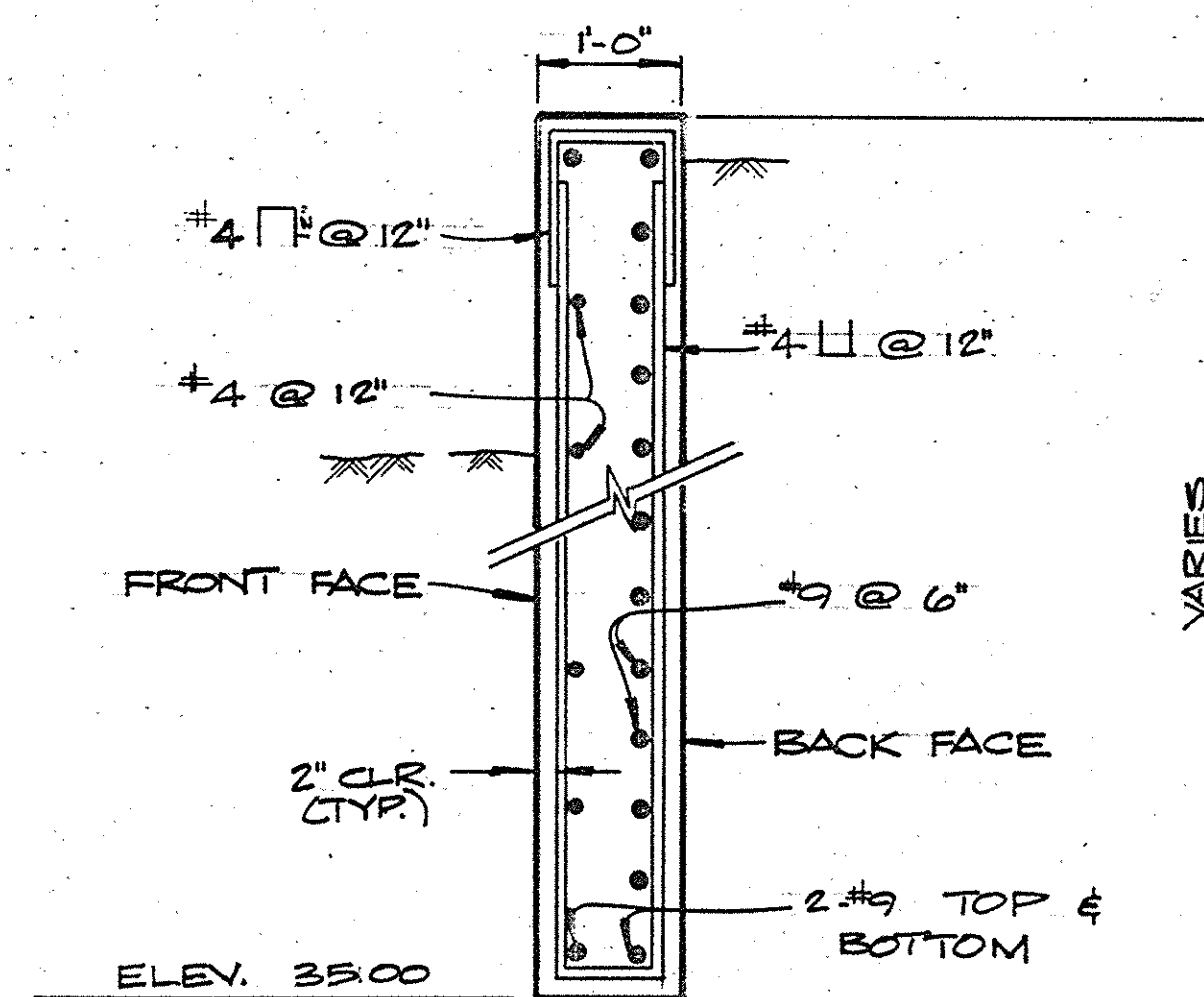
VERTICAL RESTRAINER

NO SCALE



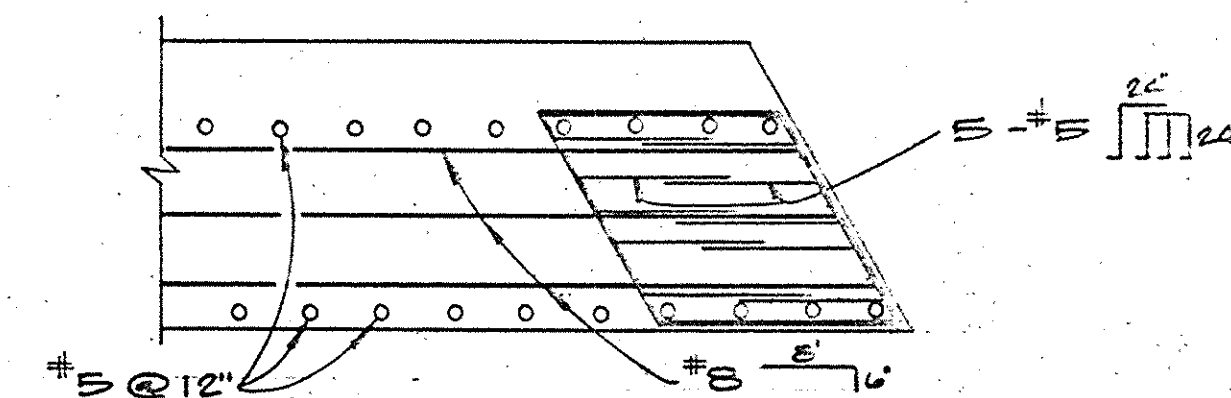
END DIAPHRAGM DETAIL

NO SCALE

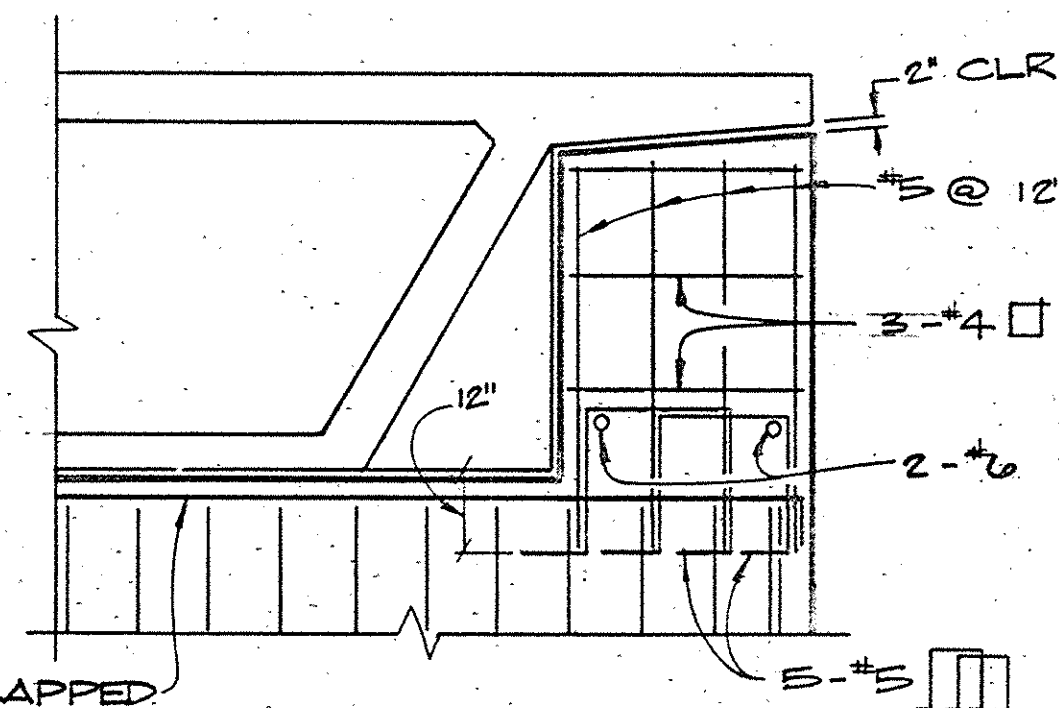


SECTION C-C

NO SCALE



PLAN

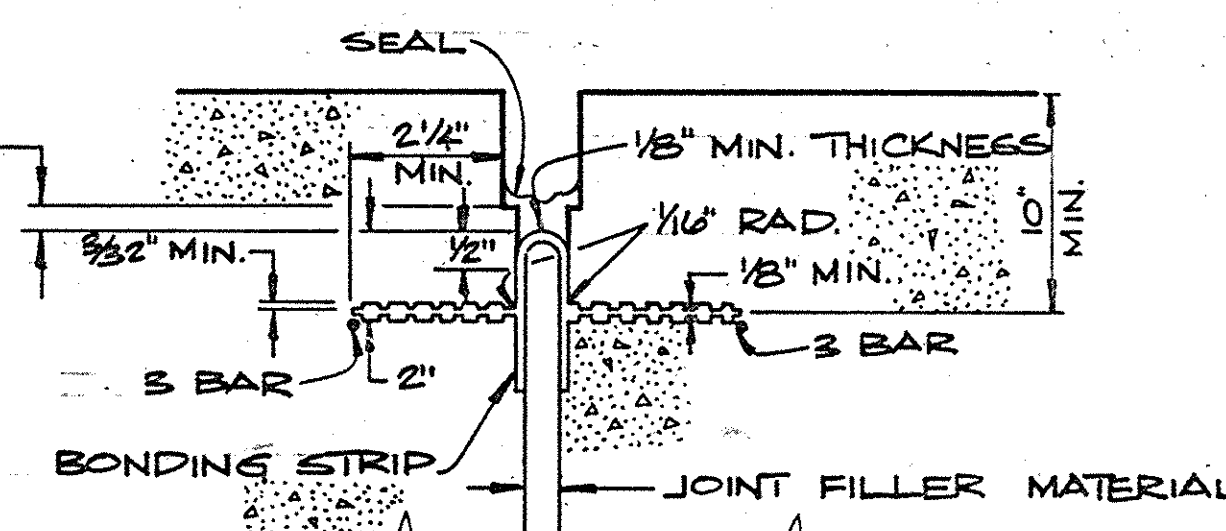


ELEVATION

SHEAR KEY DETAIL

NO SCALE

1/4" CLR. WHEN
SEAL IS IN MIN.
WIDTH POSITION.

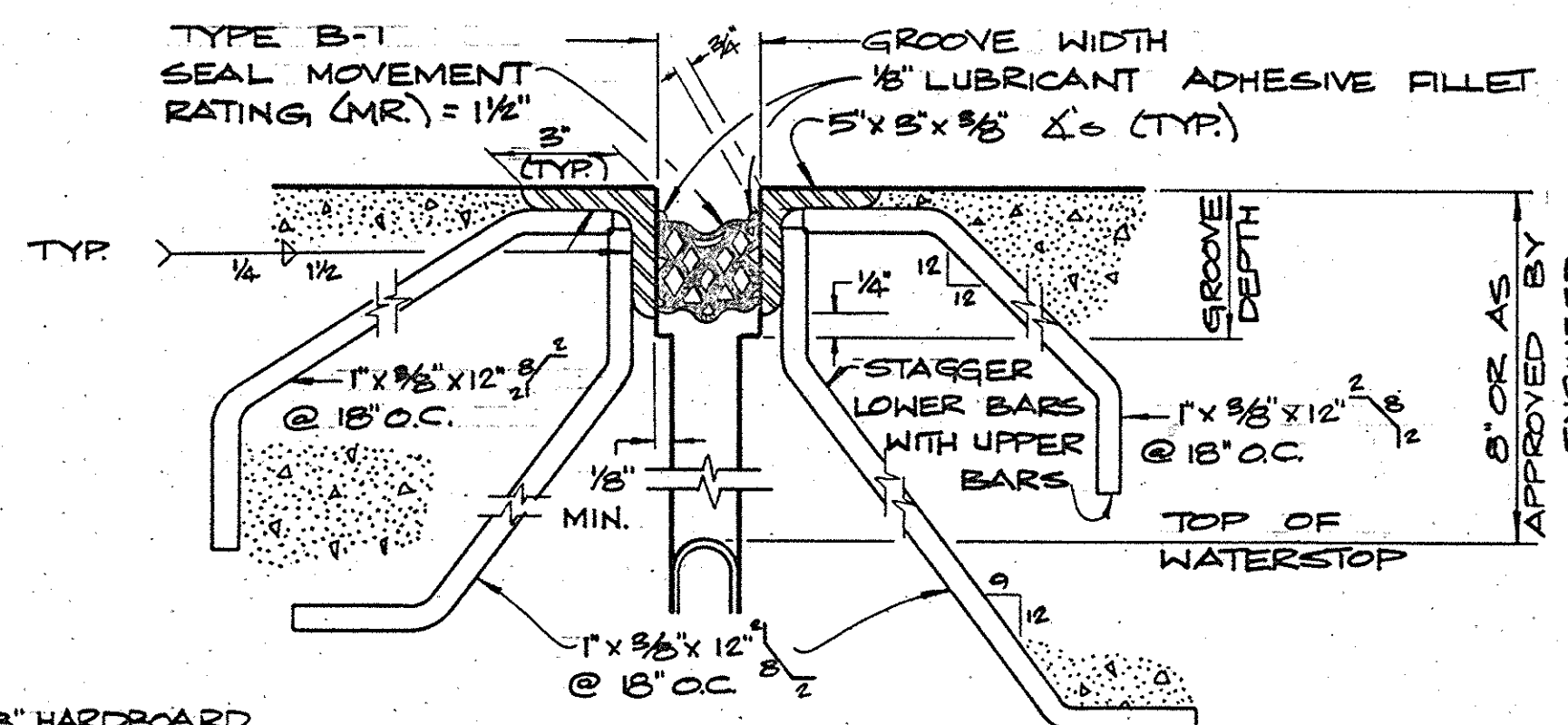


NOTE:
WATERSTOP TO HAVE FIVE (5) OR MORE
PAIRS OF RAISED RIBS TO PROVIDE 0.1 EQ.
INCH MIN. RIB CROSS-SECTIONAL ON EACH
HALF OF THE WATERSTOP. HEIGHT OF RIBS
TO BE 3/32" MIN. HOLES WILL BE PERMITTED
IN OUTER 1/2" OF THE WEB FOR WIRE, WEB,
ETC. TIE WEB TO 3 BAR @ 12" MAX. TO
SUPPORT THE WATERSTOP IN PROPER
POSITION DURING CONC. PLACEMENT.

WATERSTOP DETAIL

NO SCALE

1/2 0 1 2
3 inches on original drawing



NOTES:

1. FORMED GROOVE WIDTH SHALL BE ORDERED BY THE ENGINEER.
2. FORMED GROOVE DEPTH SHALL BE EQUAL TO OR GREATER THAN THE DEPTH OF THE SEAL MEASURED ALONG THE CONTACT SURFACE, WHEN COMPRESSED TO MINIMUM WIDTH POSITION, PLUS 1/2".
3. MAKE SMOOTH CUTS FROM THE BOTTOM OF SEAL TO 1/2" CLR. OF TOP LEAVING AT LEAST ONE COMPLETE CELL BETWEEN THE TOP OF THE CUT AND THE TOP OF THE SEAL. WHEN NECESSARY CUT BACK OF SEAL TO CLEAR CONDUIT.

TYPE "B-1" SEAL DETAIL

NO SCALE

ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY			
TALBERT - MACARTHUR BRIDGE			
ACROSS SANTA ANA RIVER			
ABUTMENT DETAILS			
MARK	DATE	DESCRIPTION	PREPARED UNDER SUPERVISION OF
DESIGNED	DATE	SCALE	DATE
DRAWN	CHECKED	AS SHOWN	DWG. NO.
4/82	4/82	4/82	5