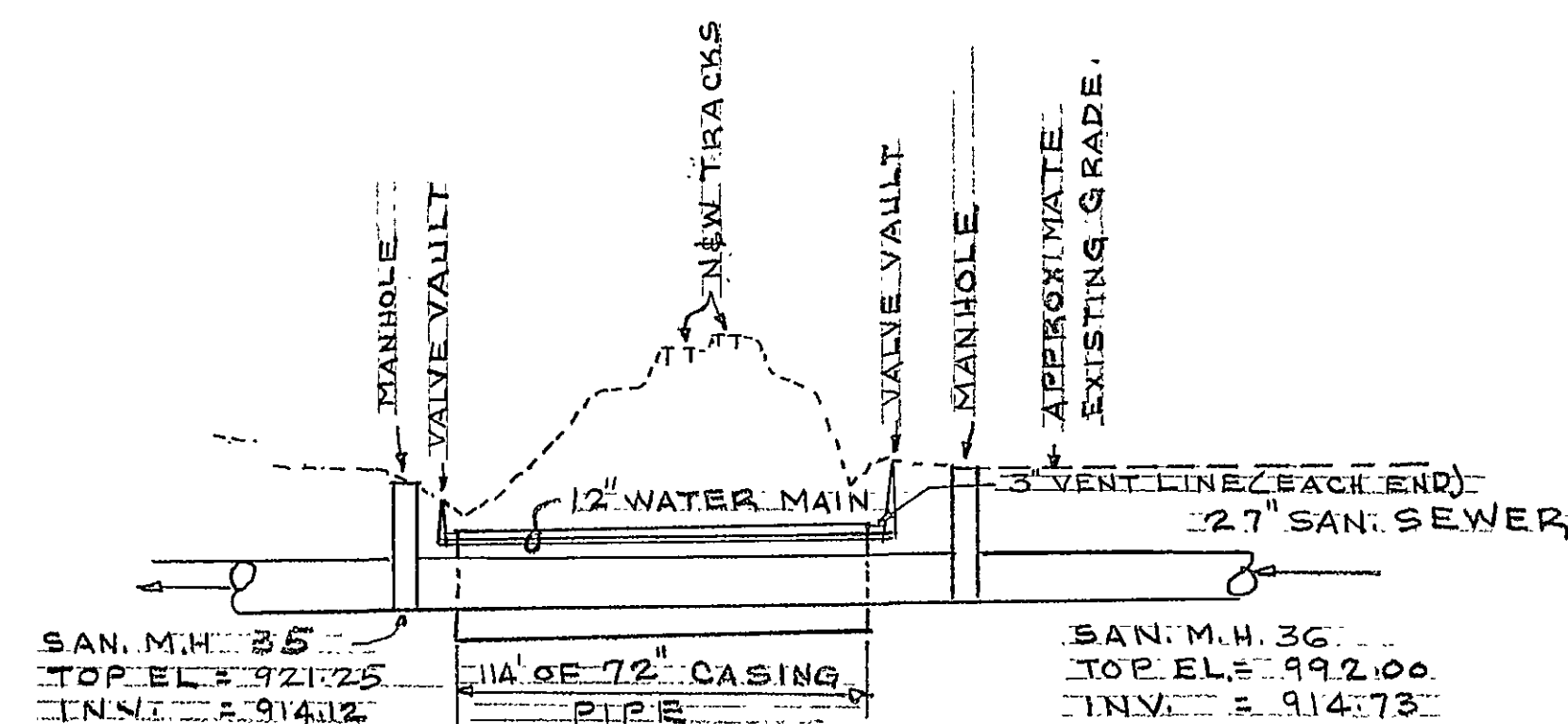


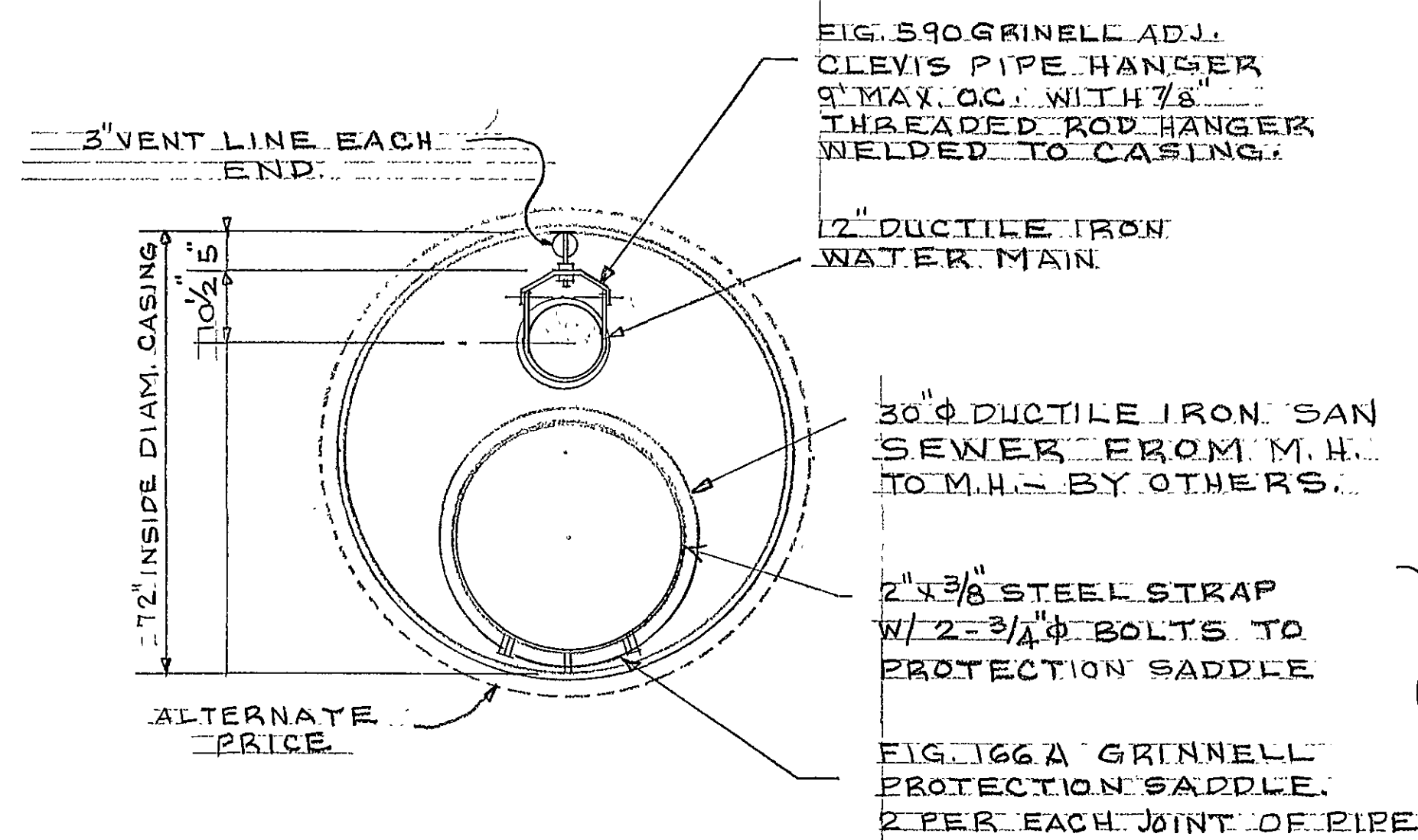
NO. 5. CALE

TO BE USED AT END OF RAILWAY
CROSSING (2 REQD) AND AT
BRIDGE CROSSING (4 REQD).



DEVELOPED SECTION THRU CASING

SCALE: VERT.: 1" = 10'
HORIZ.: 1" = 50'

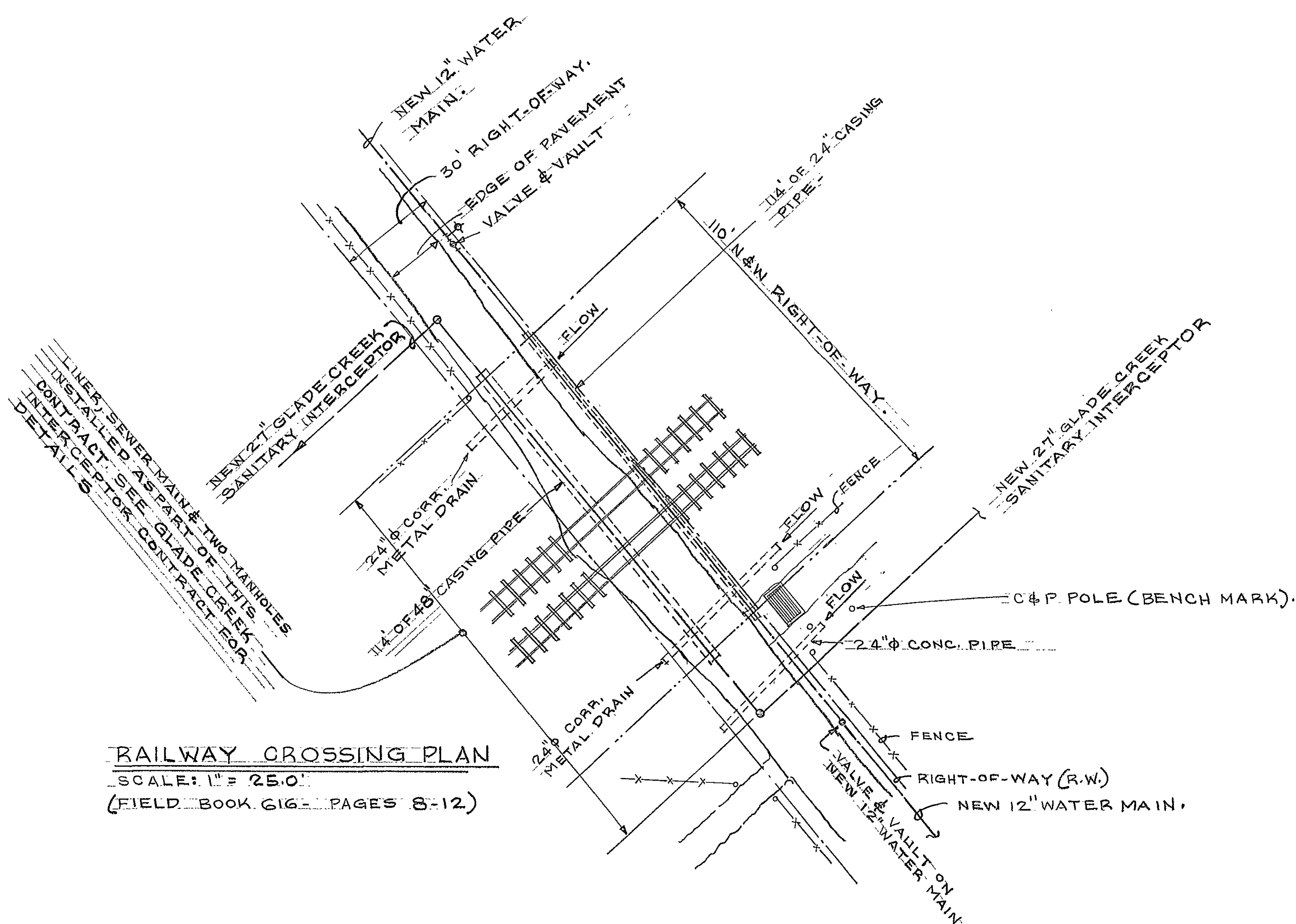


CASING DETAIL

SCALE: $1/2" = 1'-0"$

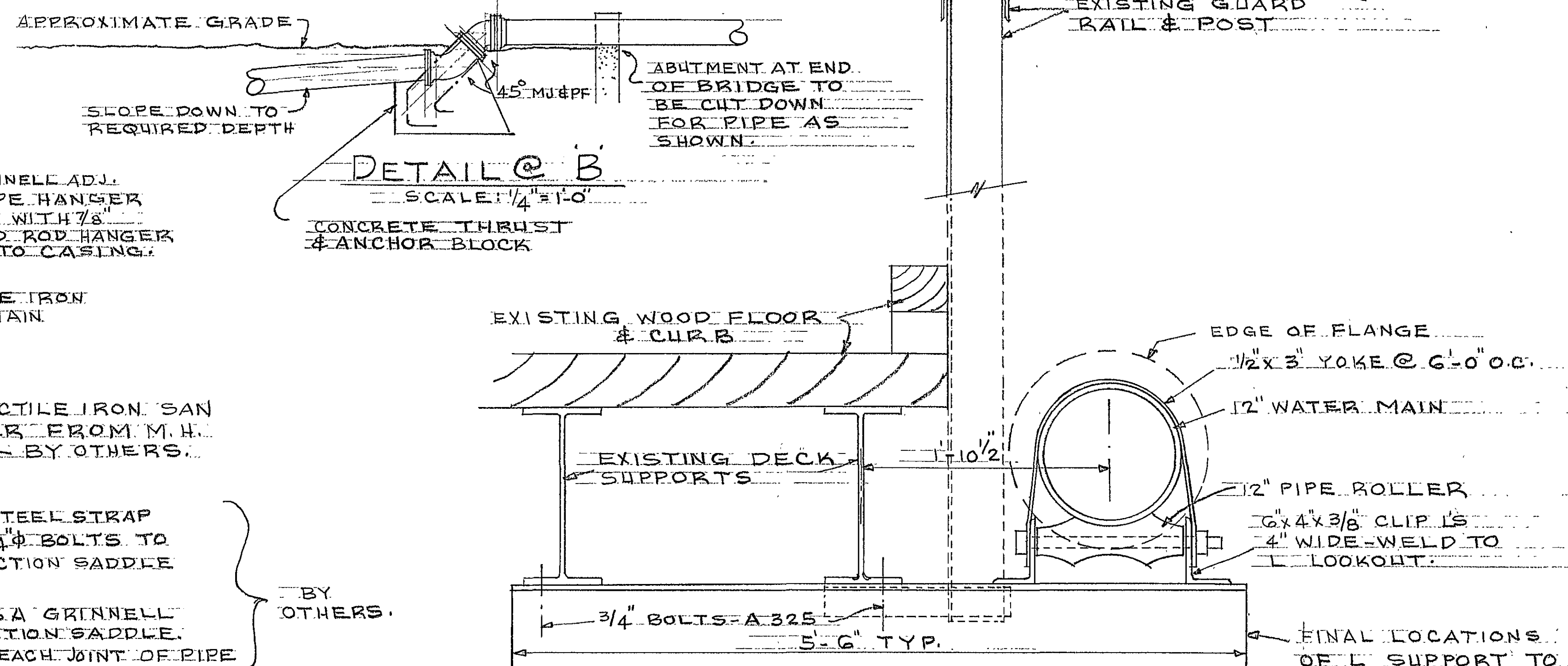
BASE BID IS FOR A65 STEEL
CASING. ALTERNATE BID IS FOR
CLASS V CONCRETE CASING.

NOT USED - USED 2 LINERS INSTEAD.
ONE 3/8" x 24" & ONE 1/2" x 48" DIAM.



RAILWAY CROSSING PLAN

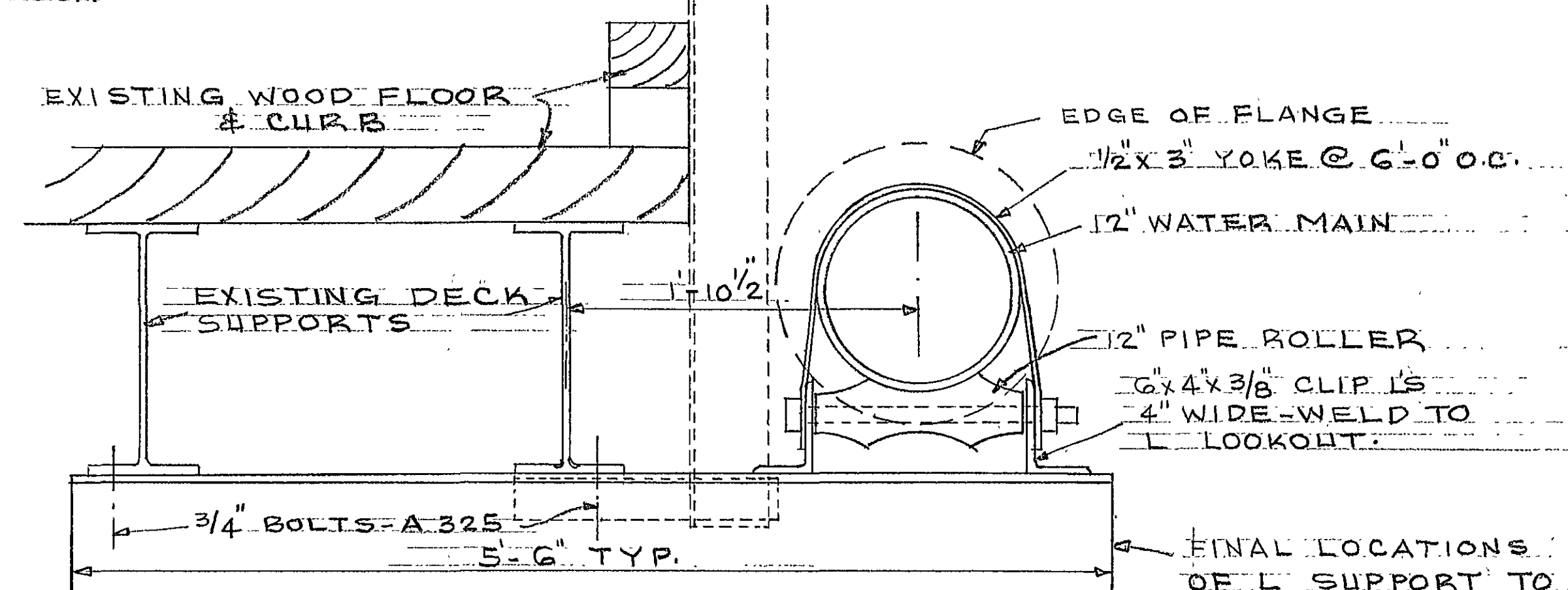
SCALE: 1" = 25.0'
(FIELD BOOK 616 - PAGES 8-12)



DETAILS

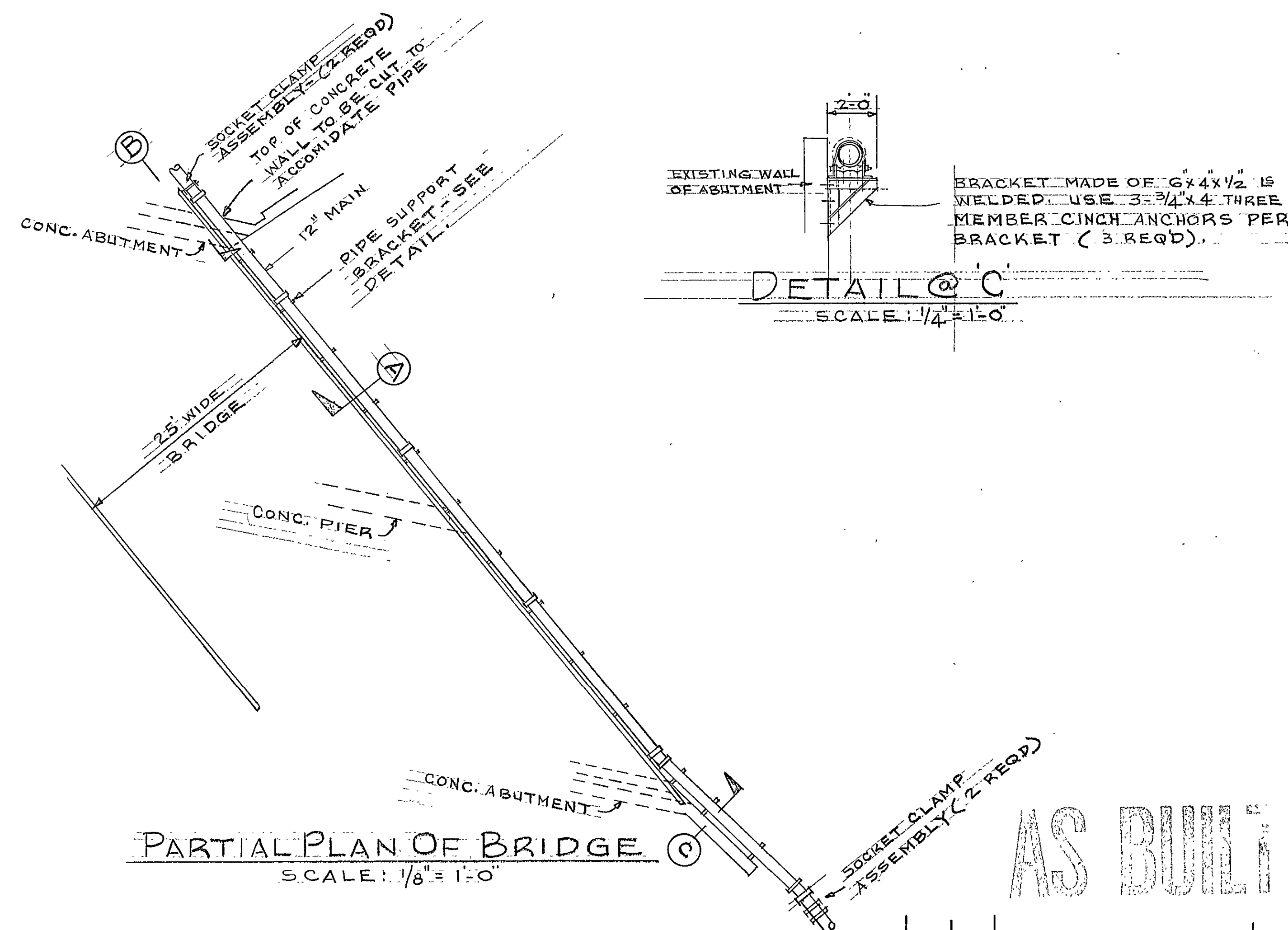
SCALE: 1/4" = 1'-0"

CONCRETE THRUST
& ANCHOR BLOCK



DETAIL @ A

SCALE: $1\frac{1}{2}'' = 1'-0''$



DETAILS

SCALE: 1/4" = 1'-0"

PARTIAL PLAN OF BRIDGE @

SCALE: $1/8" = 1'-0"$

12/17/80	AS-BUILT	LBC
DATE	REV.	DESCRIPTION
PLAN- WATER MAIN		
Revised 12.18.80		
WATER MAIN EXTENSION		GRAVITY REINFORCED
FROM KING STREET		GRAVITY 18" CII SUTD
TO WOLF CREEK.		ALUM.
ROANOKE-VINTON,VIRGINIA		MCS- MAR'80
CITY OF		7903
OFFICE OF		SHEET
ROANOKE, VIRGINIA		
CONTRACTOR MUST VERIFY ALL DIMENSIONS		
OF		4