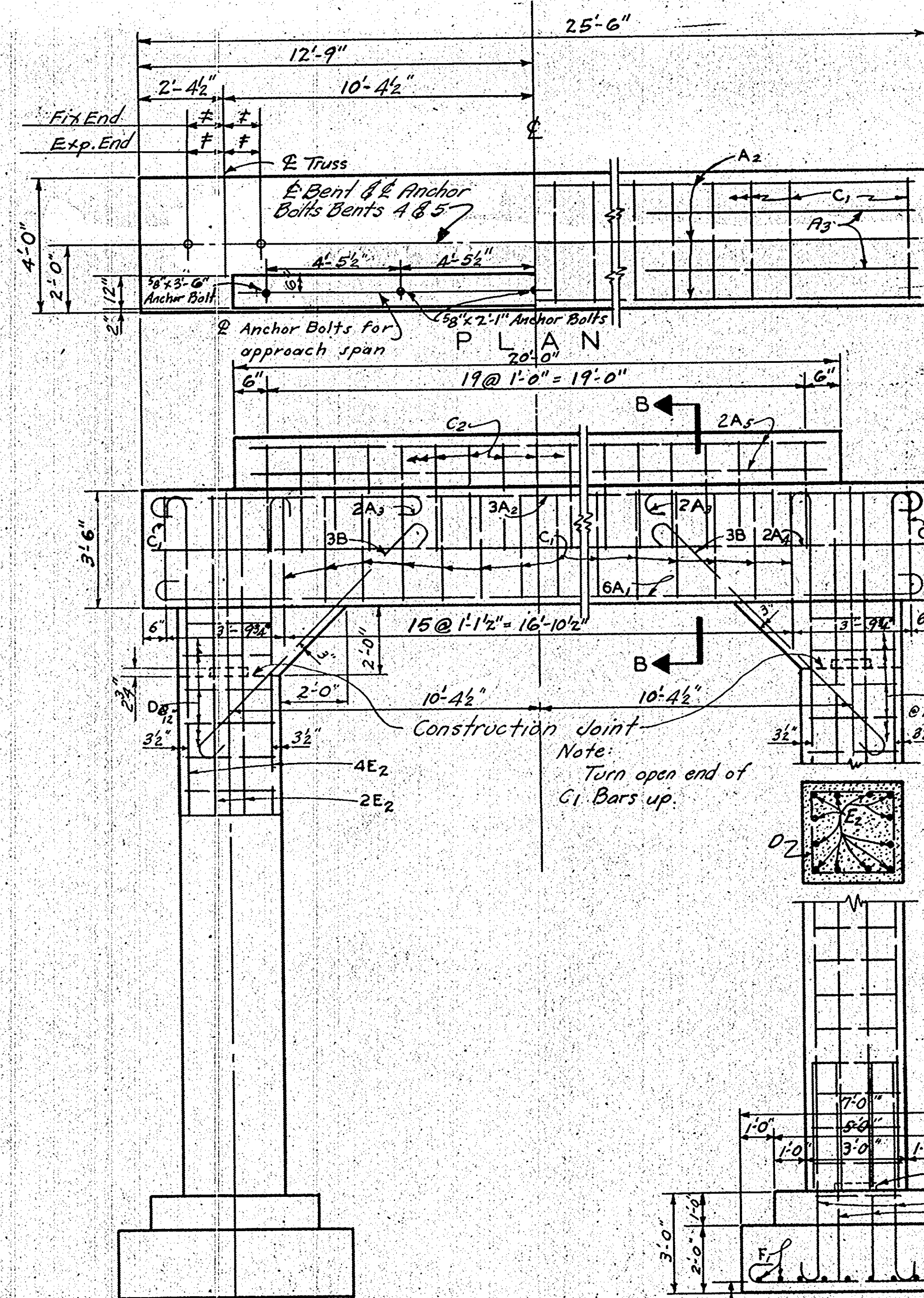
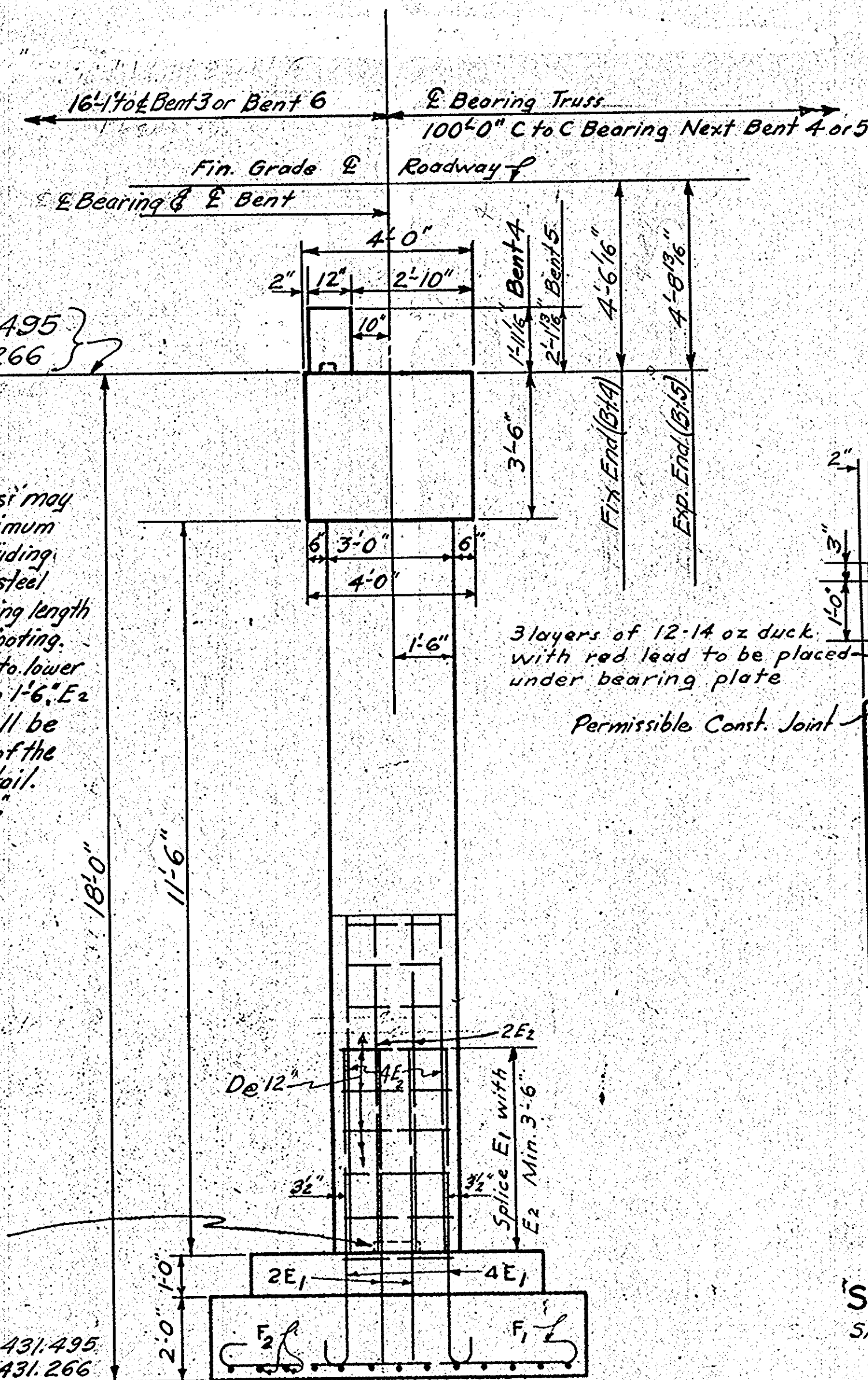




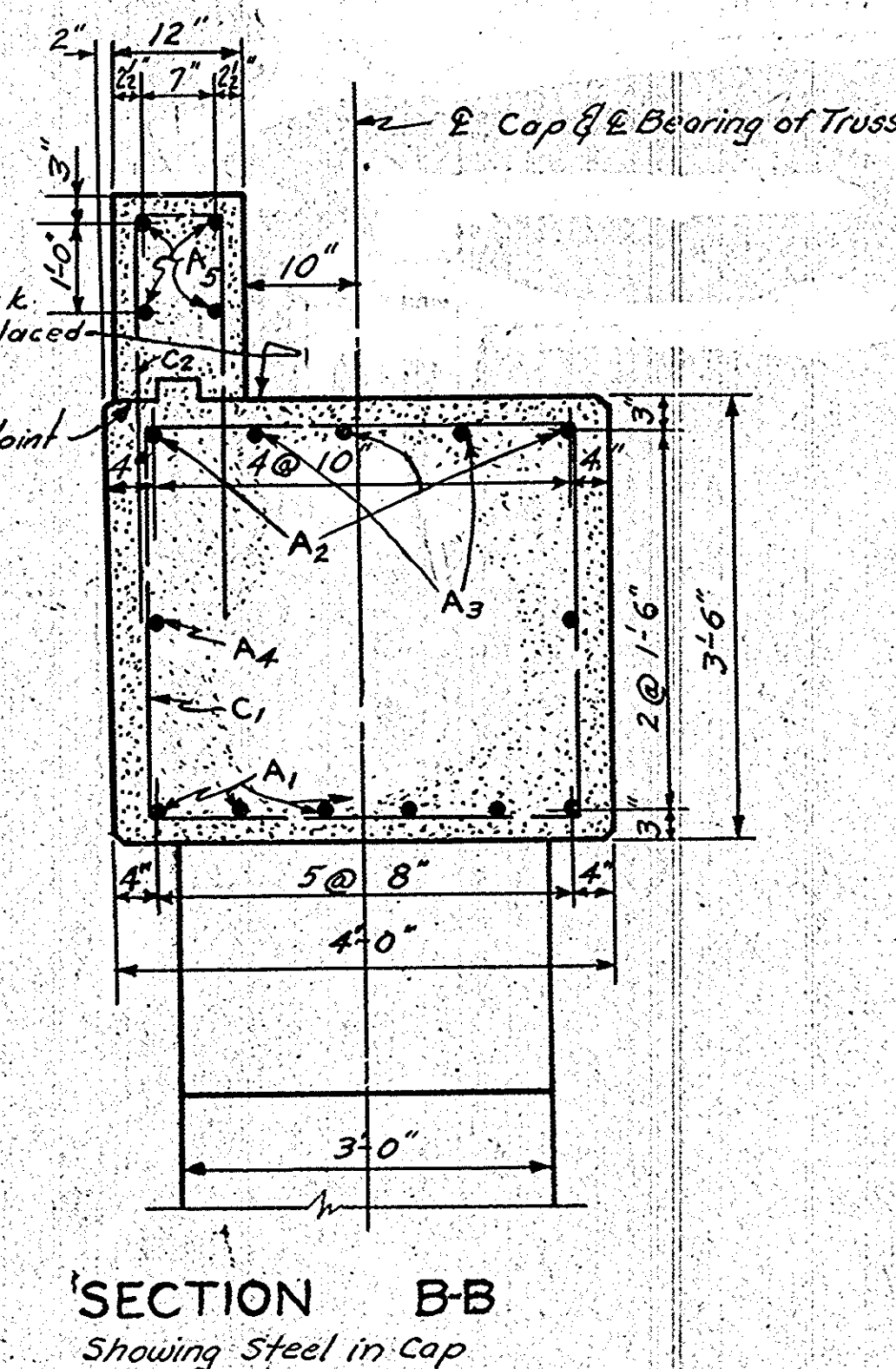
Bt. No. 4 - El. = 449.495 }
Bt. No. 5 - El. = 449.266 }

Note: Footings may be lowered a maximum of 1'-6" without providing additional vertical steel (E_s bars) by decreasing length of laps at top of footing. If it is necessary to lower footings more than 1'-6", E_2 and E_3 bars shall be spliced with bars of the same size and detail. Laps shall be 3'-6".

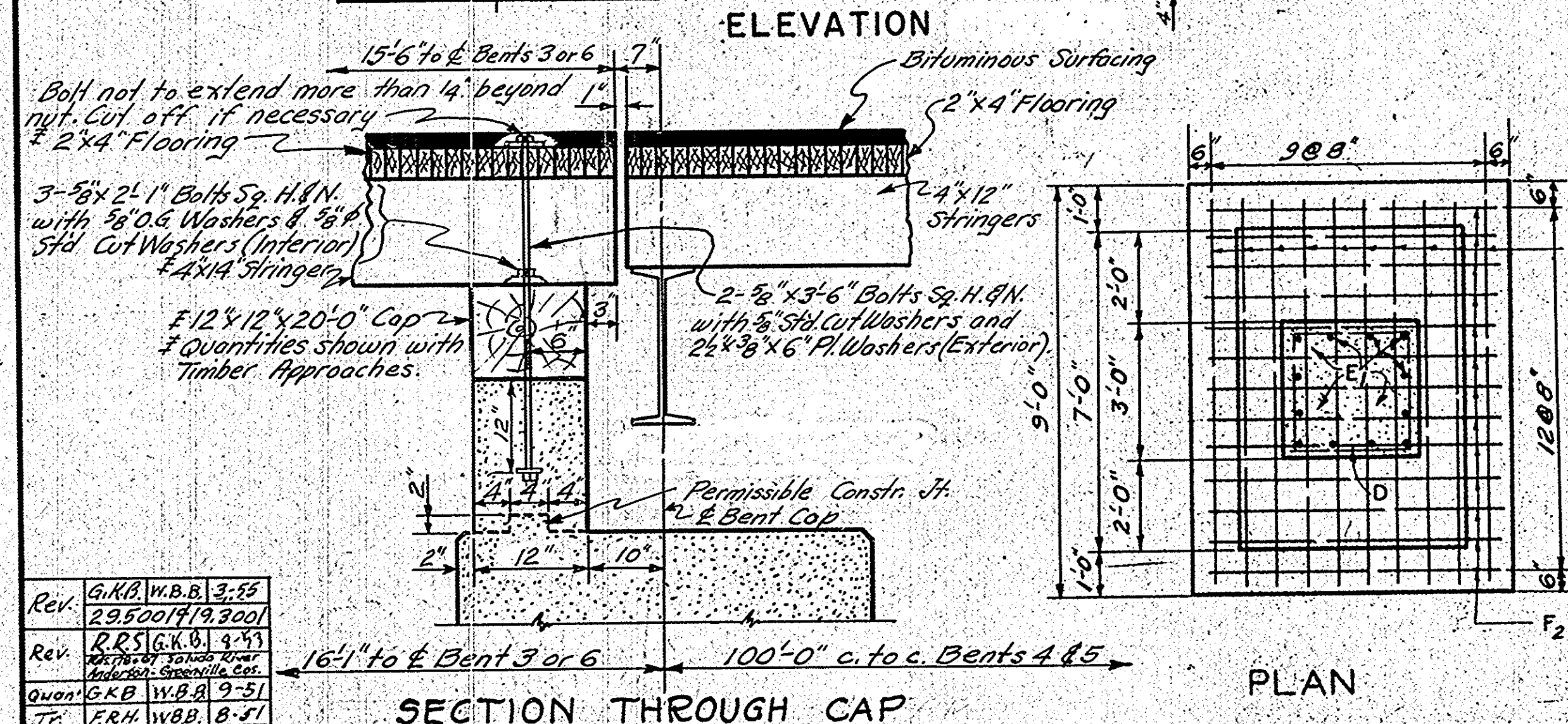


3 layers of 12-14 oz duc
with red lead to be pl
under bearing plate

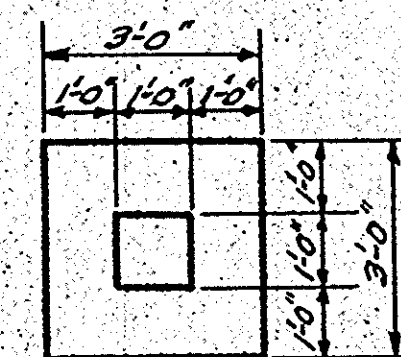
Permissible Const. Joins



SECTION B-E
Showing Steel in Cap



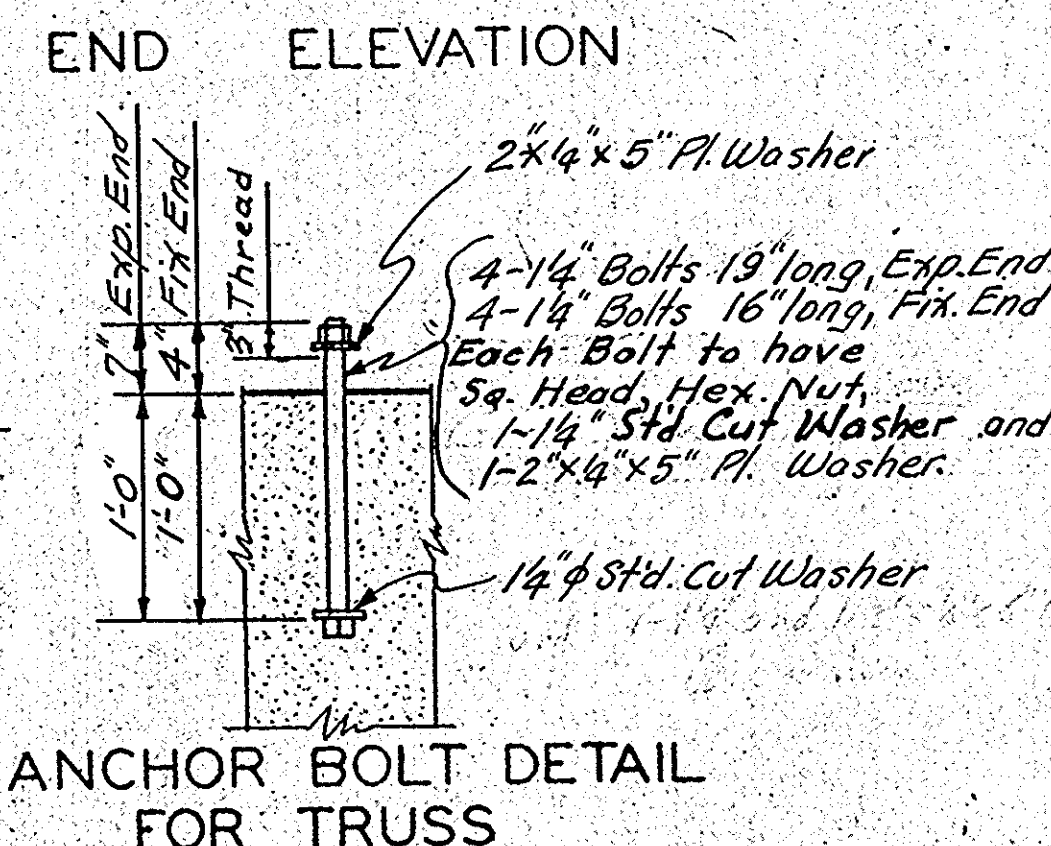
SECTION THROUGH CAF



PLAN

Instruction Joints

For Post



ANCHOR BOLT DETAIL
FOR TRUSS

Note: Length and spacing of anchor bolts are assumed. Bolts to be embedded in concrete as shown. Engineer is to check length above concrete before steel is ordered. The Engineer is to check spacing of Anchor Bolts on old Truss before setting New Anchor Bolts.

Notes

Design Data: $f_c = 4000 \text{ psi}$; $f_s = 20,000 \text{ psi}$. Assume
All concrete shall be Class "A".
All reinforcing steel shall be deformed bars.
Structural grade reinforcing steel not permitted.
All exposed edges to be chamfered $\frac{3}{4}"$.
Place 3 ply 12oz-14oz. duck between masonry and
steel pedestals or bearing plates in accordance
with R 79 D 32 of the Specs.
All dimensions relative to Reinforcing Steel are to
center of bars.

Note: It is assumed that one end of Truss is Expansion and one End Fix, this is to be checked by Engineer before ordering steel. Assume Fix & Exp. End as shown on sheet No. 4.

[illegible]

BENT 4				BENT 5			
No	Description	Size	Lbr.	No	Description	Size	Lbr.
4	Bolts Salt Hex	1/4"x1-7/8"	2.76	4	Bolts Salt & Hex	1/4"x1-7/8"	31.94
2	Bolts sa H.N.	5/8"x3-6"	7.70	2	Bolts Sa H.N.	5/8"x3-6"	7.70
3	Bolts Sa H.N.	5/8"x2-1/2"	7.12	3	Bolts Sa H.N.	5/8"x2-1/2"	7.12
5	Spl. Cut Washers	5/8"x6"	0.38	5	Spl. Cut Washers	5/8"x6"	0.38
2	Pl. Washers	2 1/2"x3/8"	3.11	2	Pl. Washers	2 1/2"x3/8"	3.11
3	O.G. Washers	5/8"x6"	1.80	3	O.G. Washers	5/8"x6"	1.80
4	Spl. Cut Washers	1/4"x6"	1.04	4	Spl. Cut Washers	1/4"x6"	1.04
4	Pl. Washers	2 1/4"x5"	2.41	4	Pl. Washers	2 1/4"x5"	2.41
Total			51.32	Total			55.50

BENDING DETAILS

$A_1 = 24'-10''$
 $A_2 = 24'-10''$
 $A_3 = 8'-6''$
 $B = 10'-2''$
 $F_1 = 8'-5''$
 $F_2 = 6'-5''$

$C_1 = 3'-6''$
 $D = 2'-6\frac{1}{2}''$

HOOK DETAILS		
QUANTITIES		
	BENT 4	BENT 5
Class "A" Concrete	34.7 C.Y.	34.9 C.Y.
Reinforcing Steel	3412 Lbs.	3412 Lbs.
Hardware	51 Lbs.	56 Lbs.

Assumed Expansion End of 100'-0" Truss at Bt. 5
this Bent.

S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

DETAILS BENTS 4 & 5

FOR BRIDGE OVER
WEST FORK LITTLE RIVER

DOCKET NO. 37.5003
COUNTY: OGONEE

ROUTE 271
DATE: 3-55

Rev.	G.K.B.	W.B.B.	3-55
	29500179300		
Rev.	R.R.S	G.K.B.	9-55
	2051801 of Saluda River		
	Anderson - Greenville Cos.		
Qwon'	G.K.B	W.B.B	9-55
Tr.	FR.H	W.B.B.	8-55
Dr.	G.K.B	W.B.B	8-55
Des.	BY	Chkd.	Date