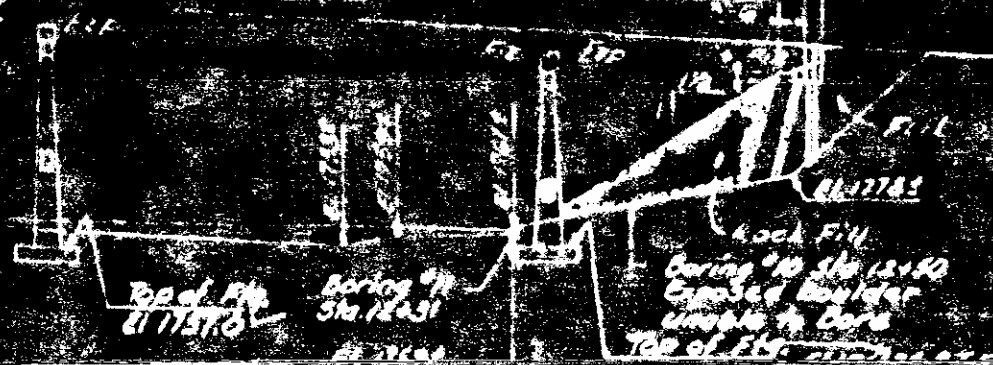


SPAN F

SPAN G

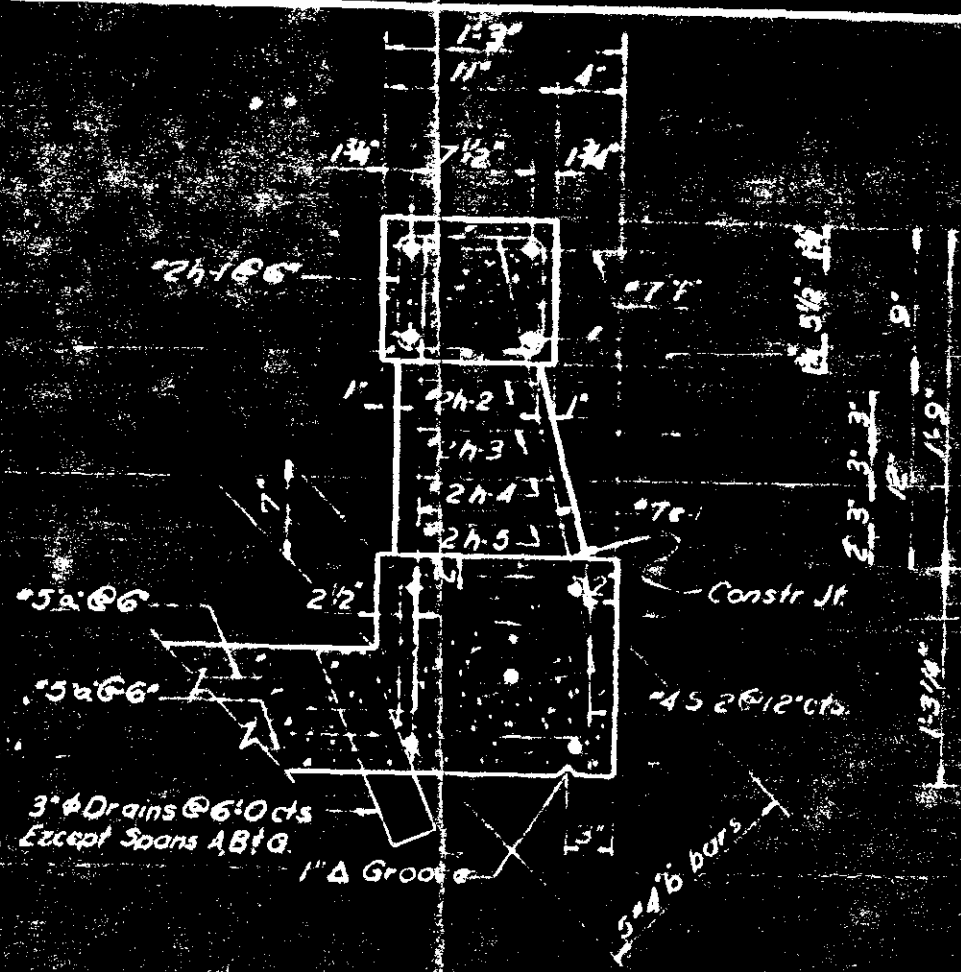
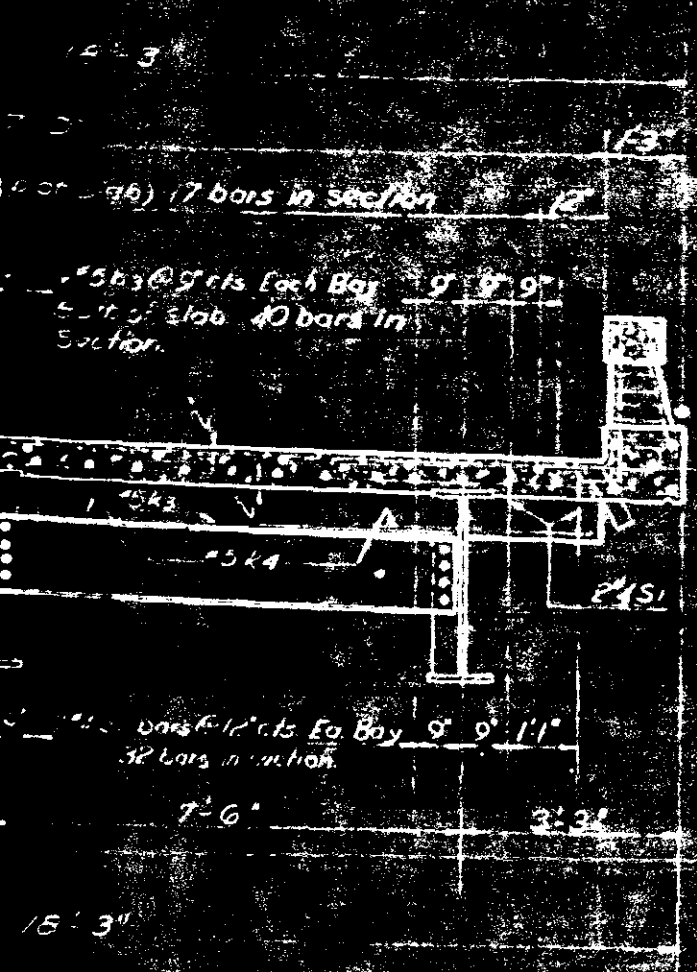


NOTES

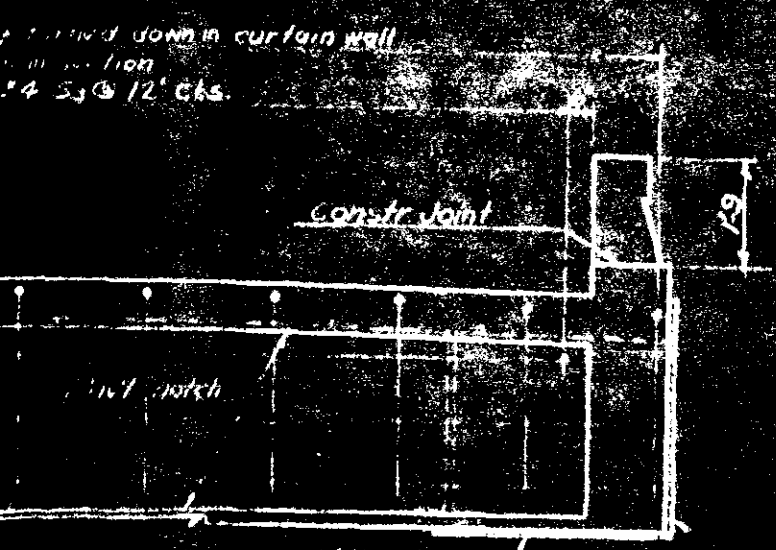
Assumed Live Load: H-15-44

For other Design Data and General
Notes see Sheet S.N.

DESIGN NO.	DATE	DESIGNED BY
1	B.C.	S. J. O'NEILL
EAL PROJECT No. 3-254(2)		



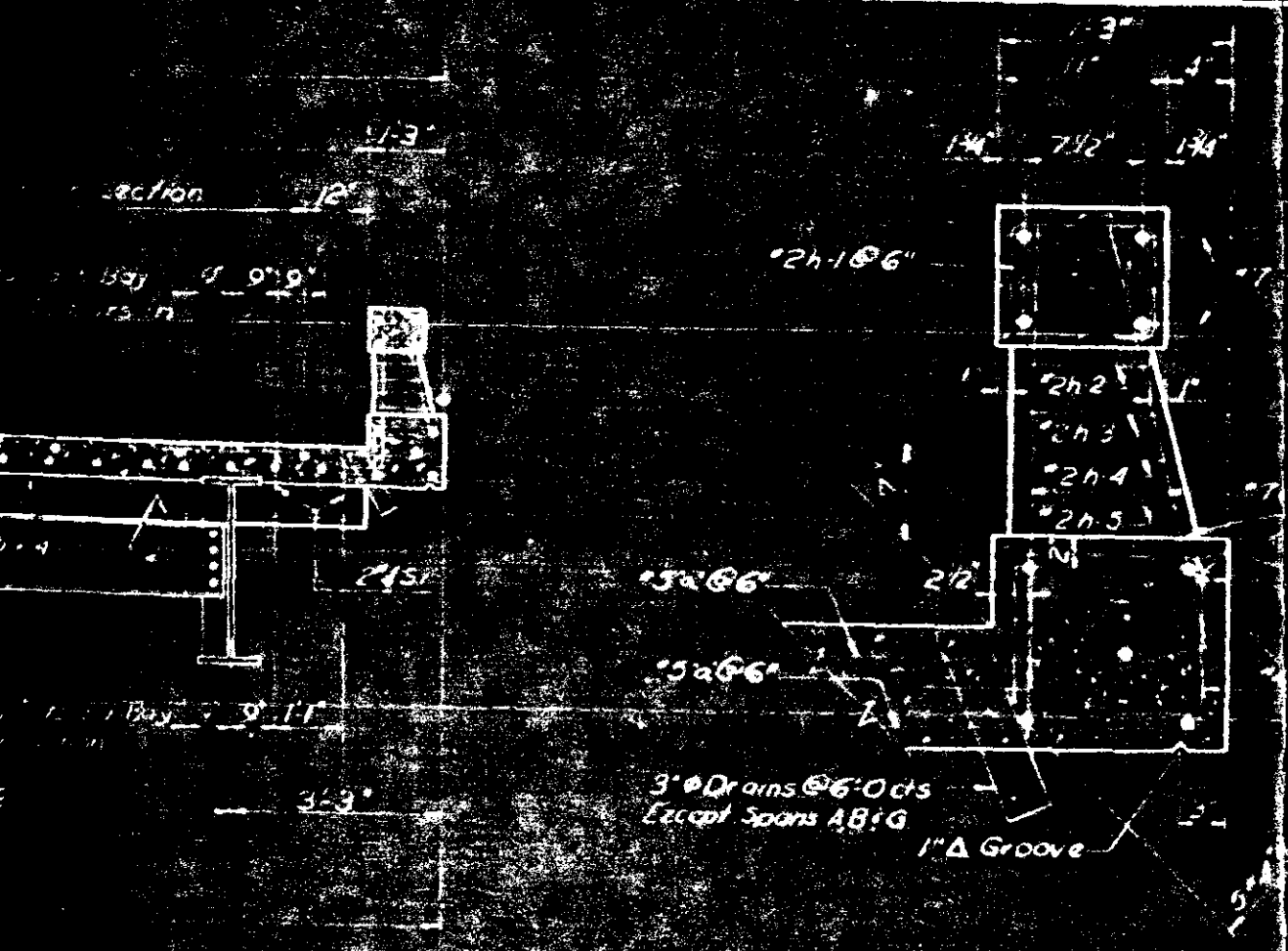
SECTION THRU CURB



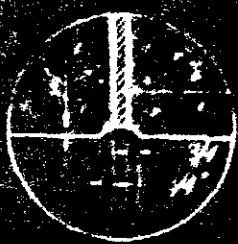
DETAIL 'A'

NOTES

- Assumed Live Load: HS 15-44
- Concrete in compression: 1000 lbs per sq in
- Reinforcing steel in tension: 20,000 lbs per sq in
- Stress in extreme fiber of steel: 20,000 lbs per sq in
- For other design data and general notes see sheet S-N.
- Reinforcing steel, including bars shown, are to be welded to the curb.
- Reinforcing steel to be kept free of concrete and other material. See special provisions.
- Reinforcing steel to be kept free of concrete and other material.



SECTION THRU CURB

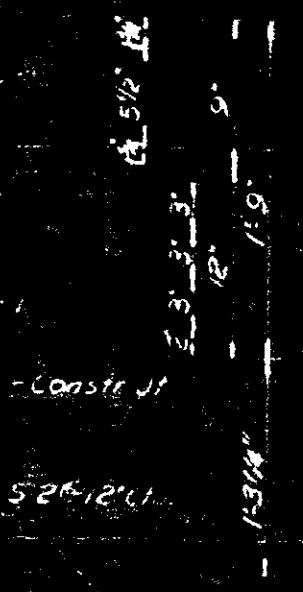


DETAIL "A"

1" Exp. Jt. @ Bent No. 1
1" Exp. Jt. @ all other bents

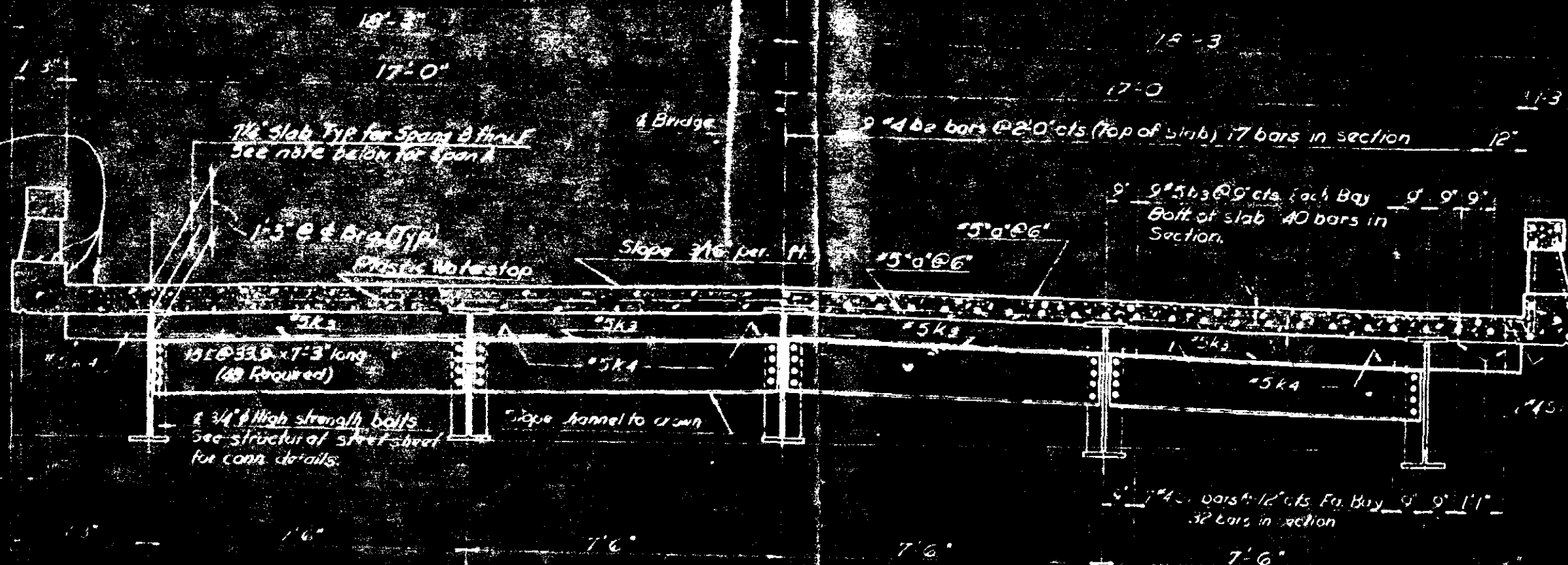
REV. NO.	DATE	REVISION
1	N.C.	8/20/60

EA PROJECT No. S-254(2)

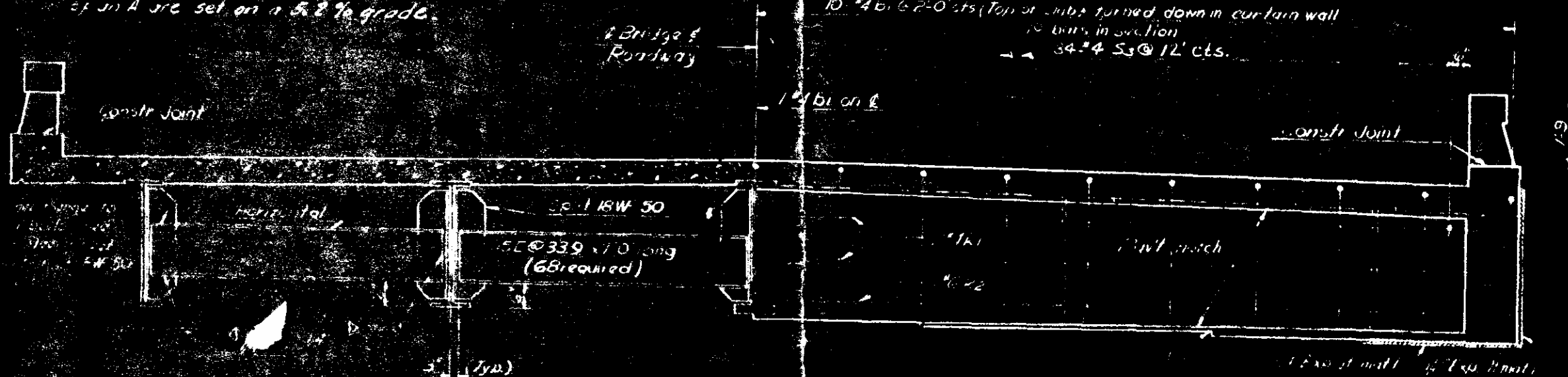


NOTES

1. All dimensions are in feet and inches unless otherwise specified.
 2. All reinforcement shall be placed in accordance with the specifications.
 3. All concrete shall be placed in accordance with the specifications.
 4. All steel shall be placed in accordance with the specifications.
 5. All joints shall be placed in accordance with the specifications.
 6. All dimensions shall be in feet and inches unless otherwise specified.

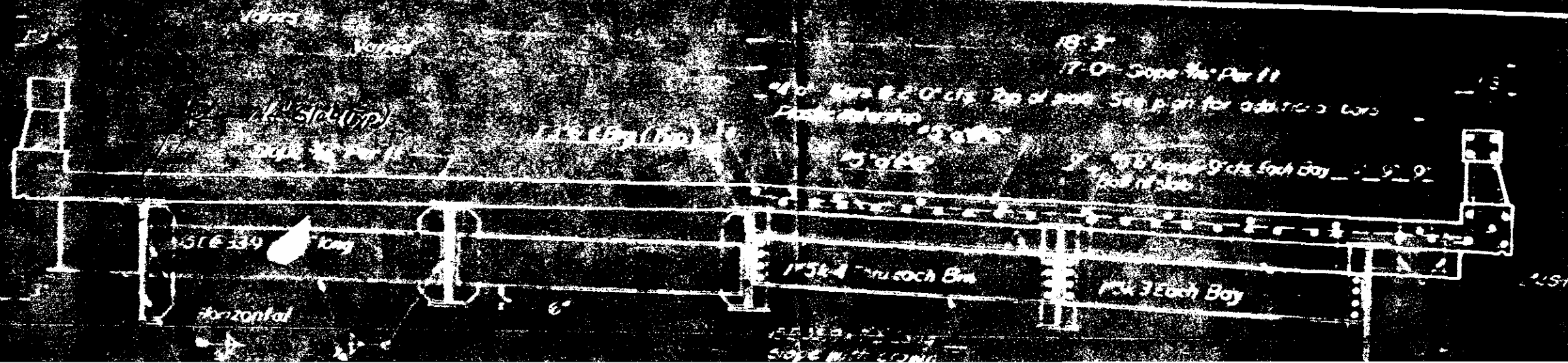


NOTE: Span A slope is $7\frac{1}{4}\%$ thick at $\frac{1}{2}$ of bearing on Pier #1 and varies in thickness with the vertical curve back through span 1 to a max. num. thickness of $8\frac{1}{2}\%$ at the $\frac{1}{2}$ of bearing on End Bent #1. Beams of Span A are set on a 5.8% grade.

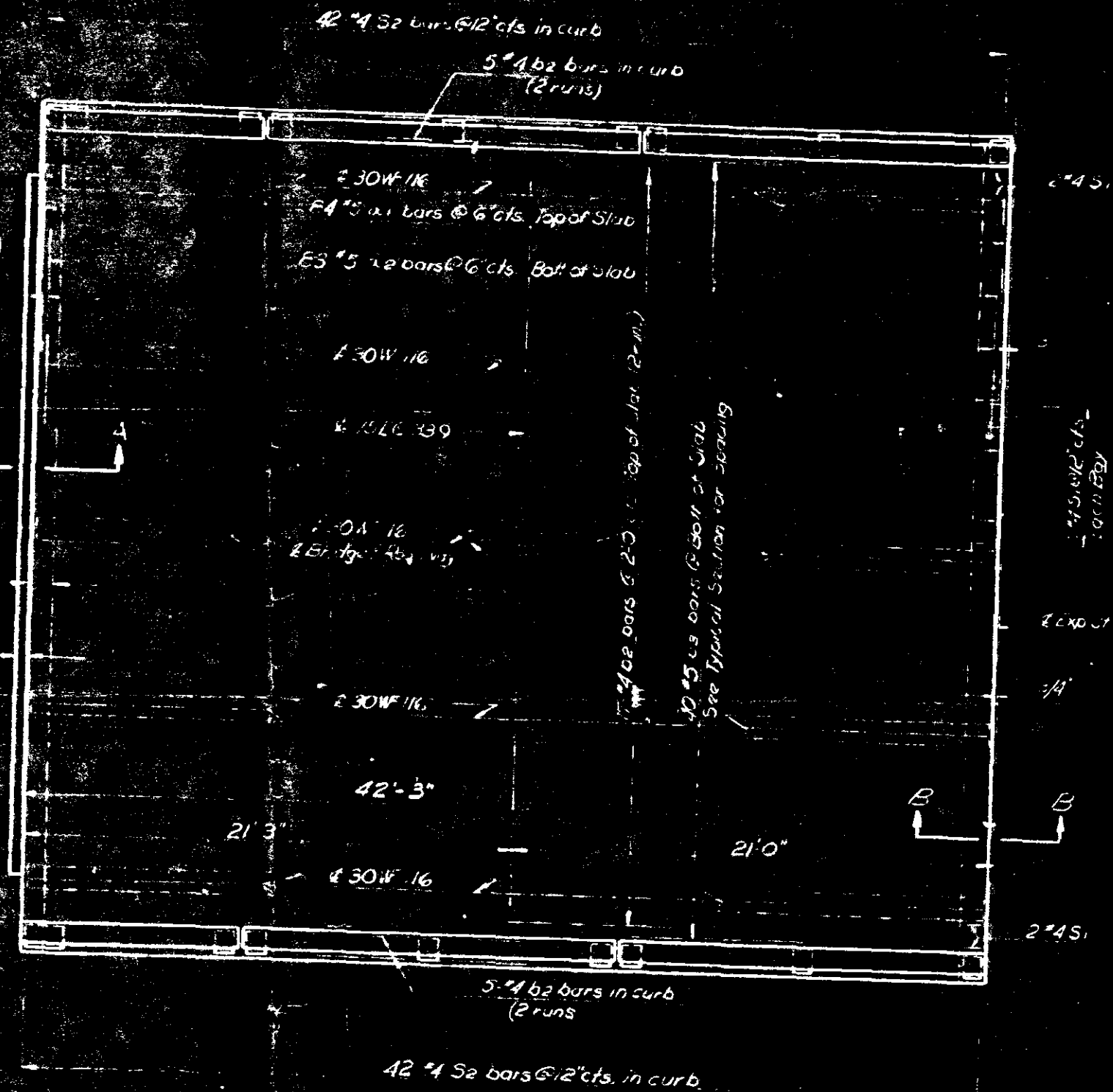


TYPICAL HALF SECTION

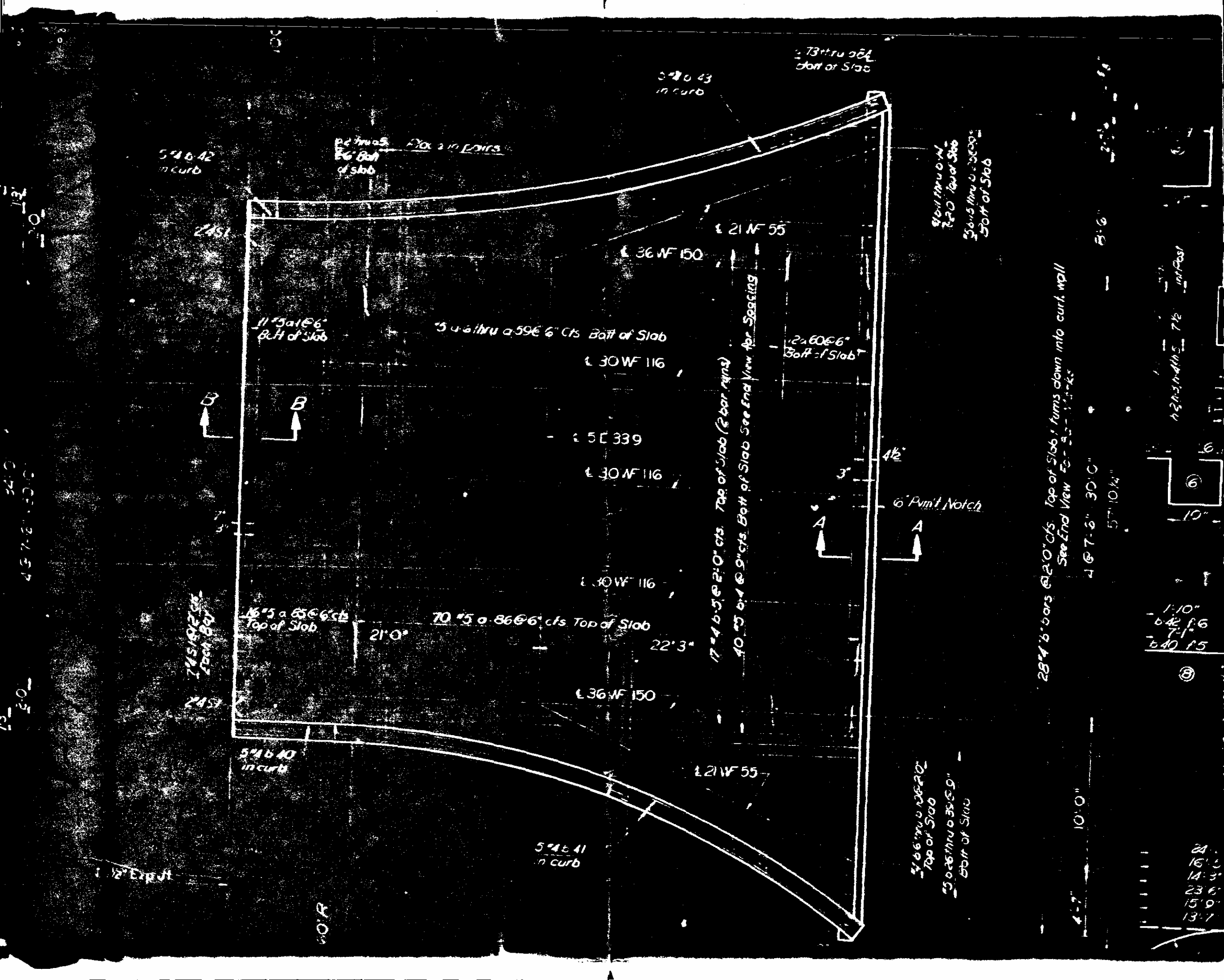
HAIF END VIEW

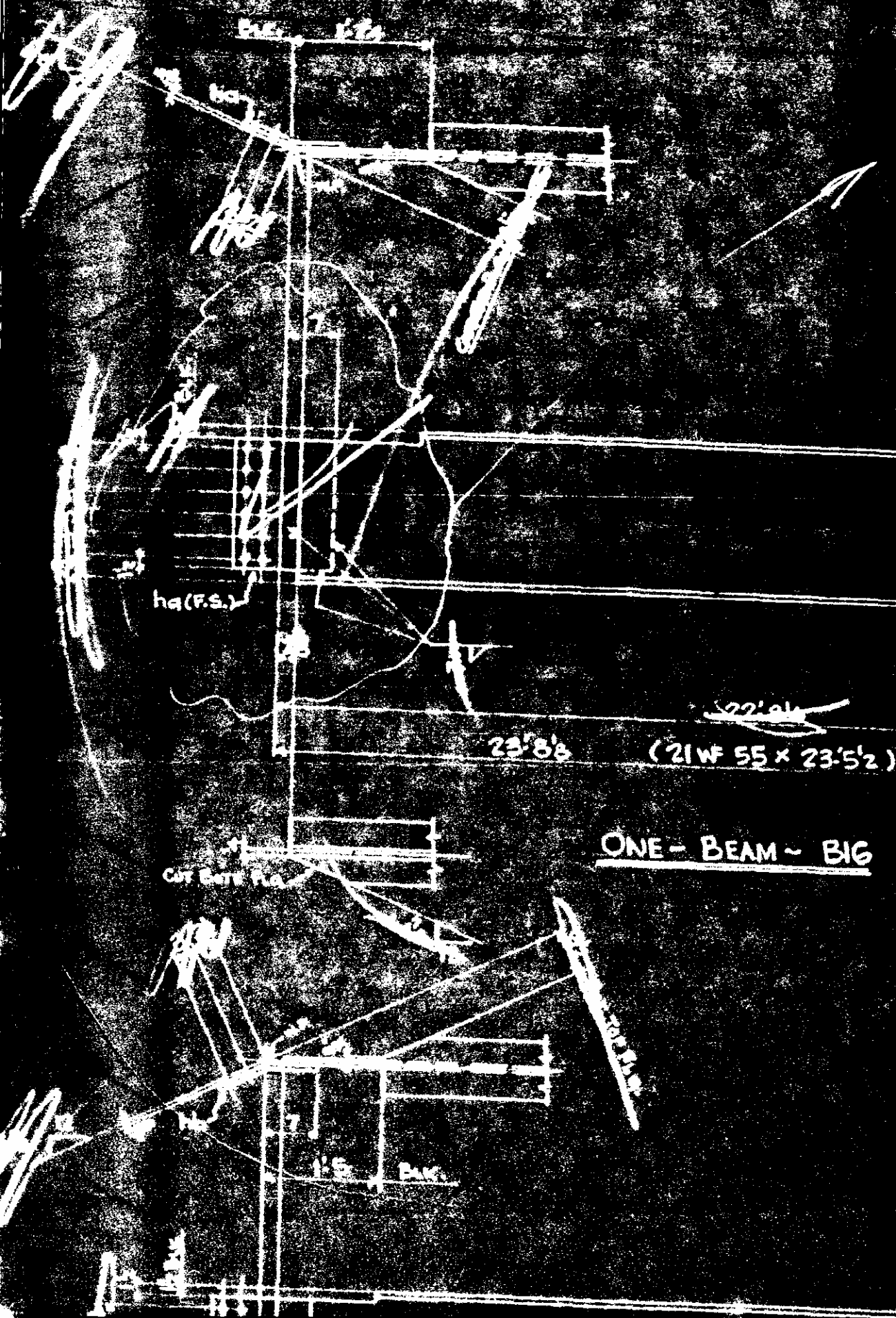


DATE 10-66
AGE 10-66
BORN
DEPT 10-66

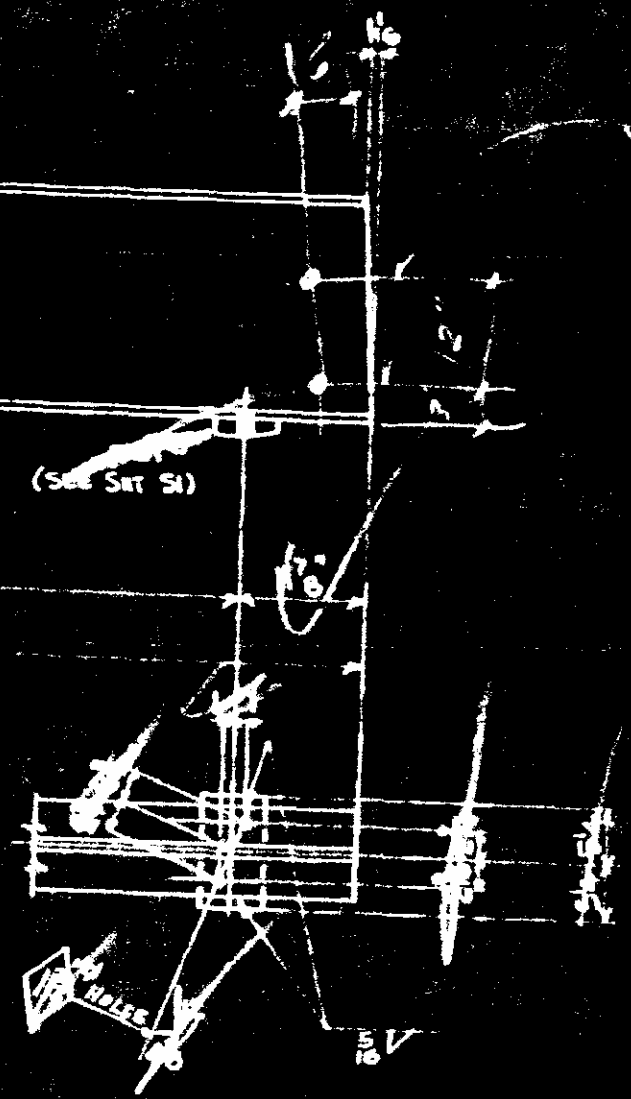


PLAN OF SPAN "A"





Floor beam - same as day 8
 as not beam is 8' 8" long
 2 - Cut Beam at 1' 8" to floor beam

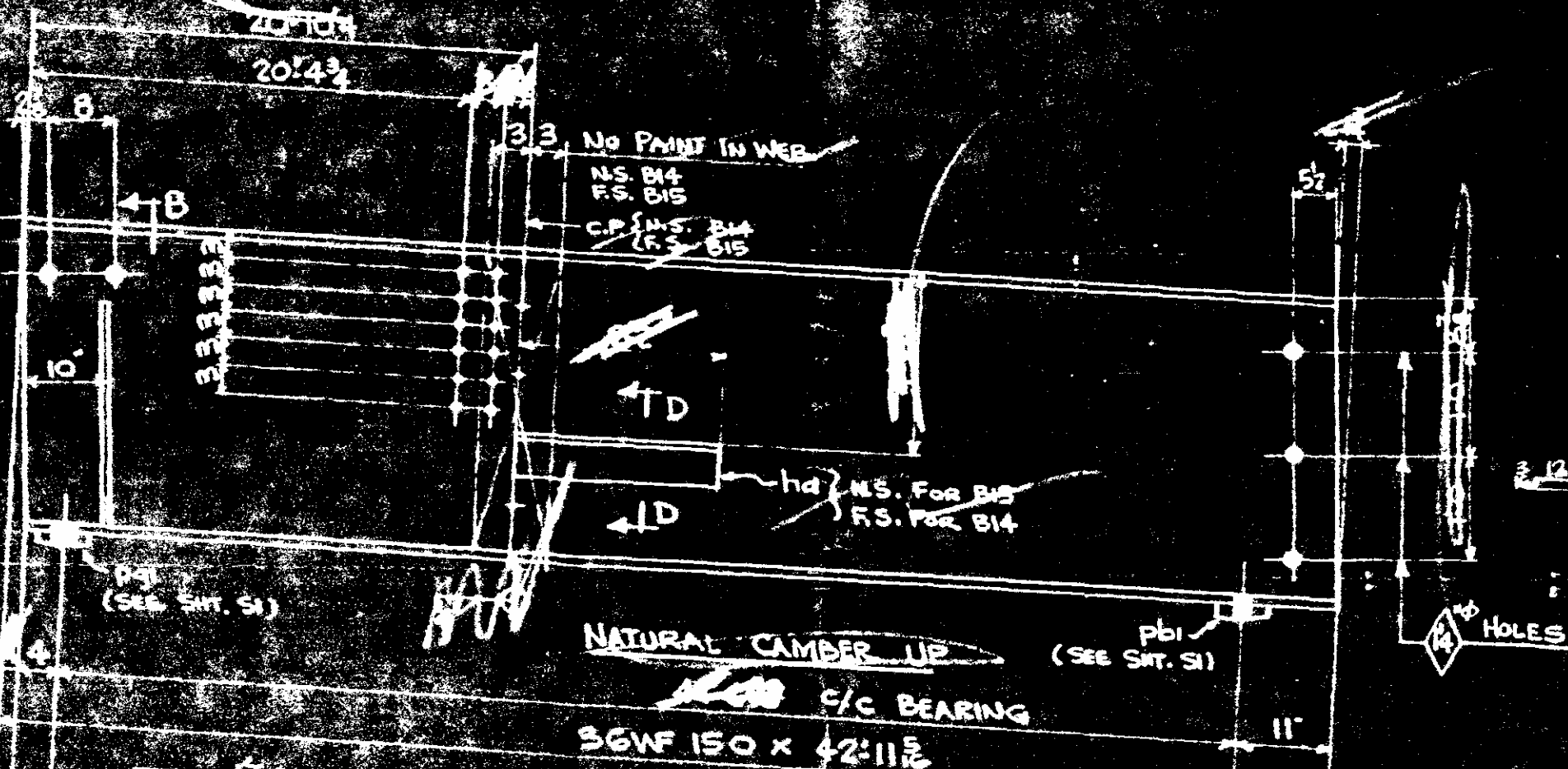


ONE - BEAM - BIG

For B1



ONE ~	BEAM ~	B11
ONE ~	do ~	B12
ONE ~	do ~	B13



~~ONE ~ BEAM ~ B14~~
~~ONE ~ BEAM ~ B15~~

SECT. C A
FOR B13

SECT. D-D

23'8" (21WF 55 x 23'5 1/2)

ONE - BEAM - BIG

CUT BOTE FLG

BLK.

HB (NS.)

SV

24'3 1/2" (21WF 55 x 24'1 1/2)

ONE - BEAM - BIT

CUT BOTE FLG

HOLES

(S.T. S1)

1'0 3/4"

17'8"

SV

1'2"

1'2"

3"

SV

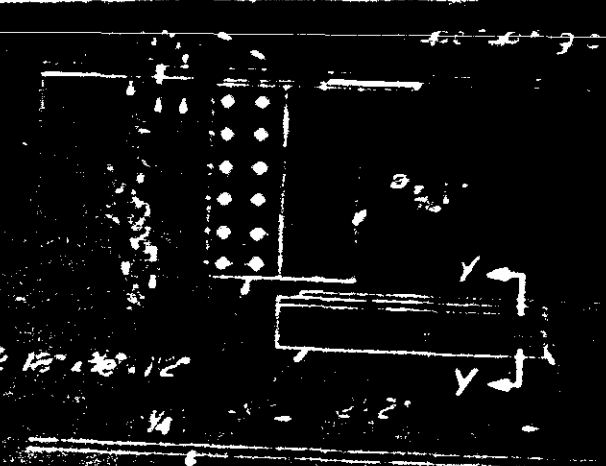
1'2"

1'2"

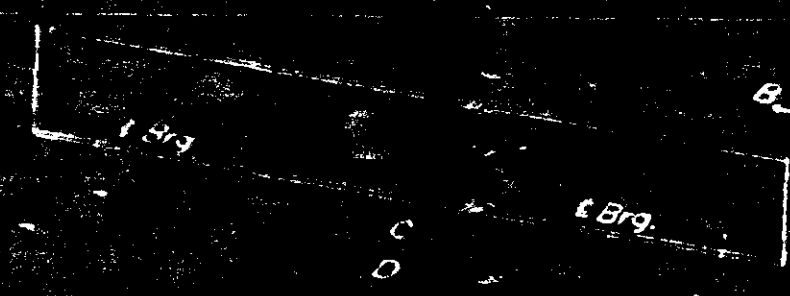


PLAN

DETAIL "A"

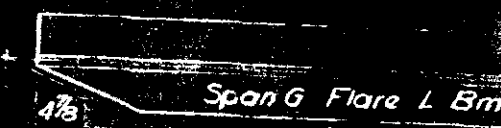
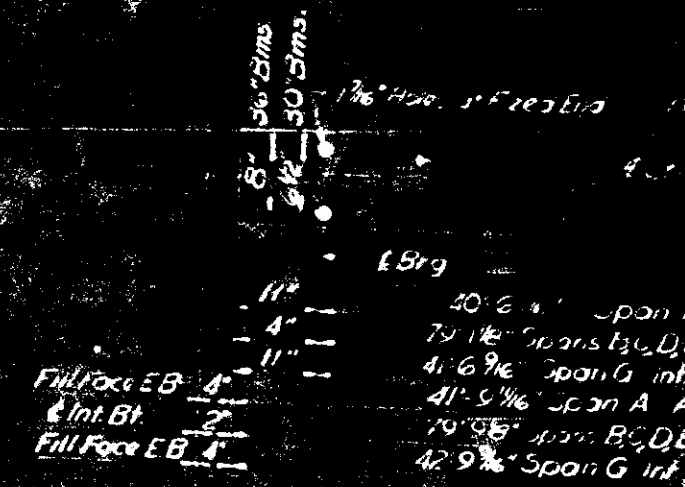
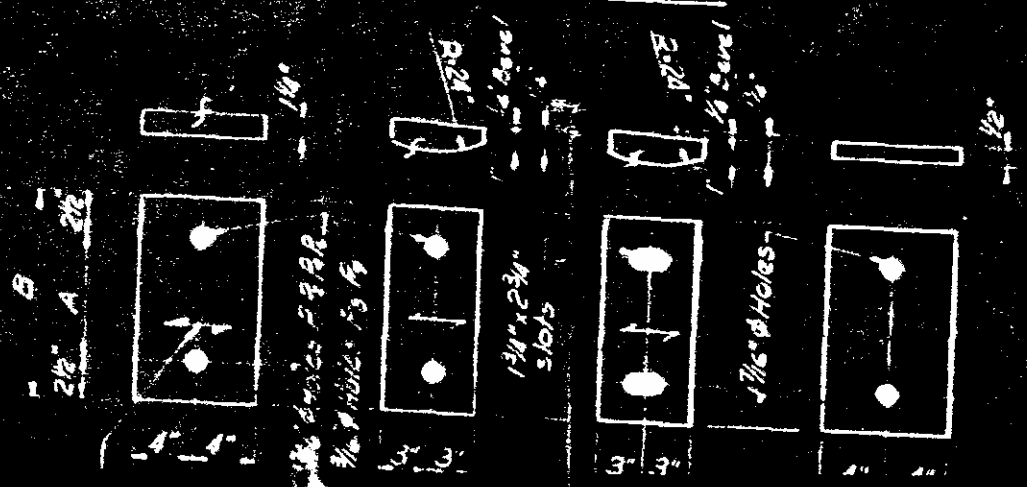


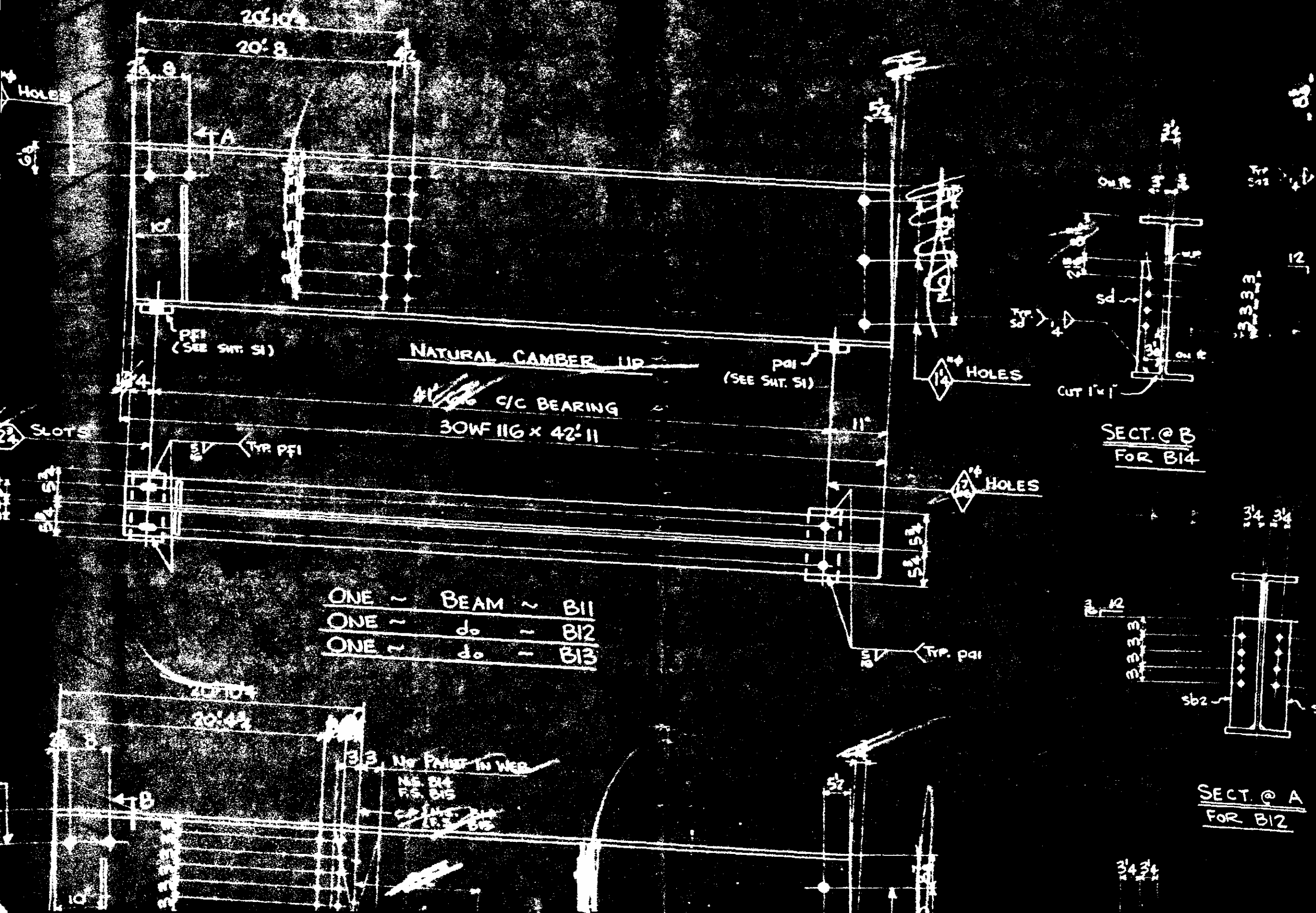
ELEVATION

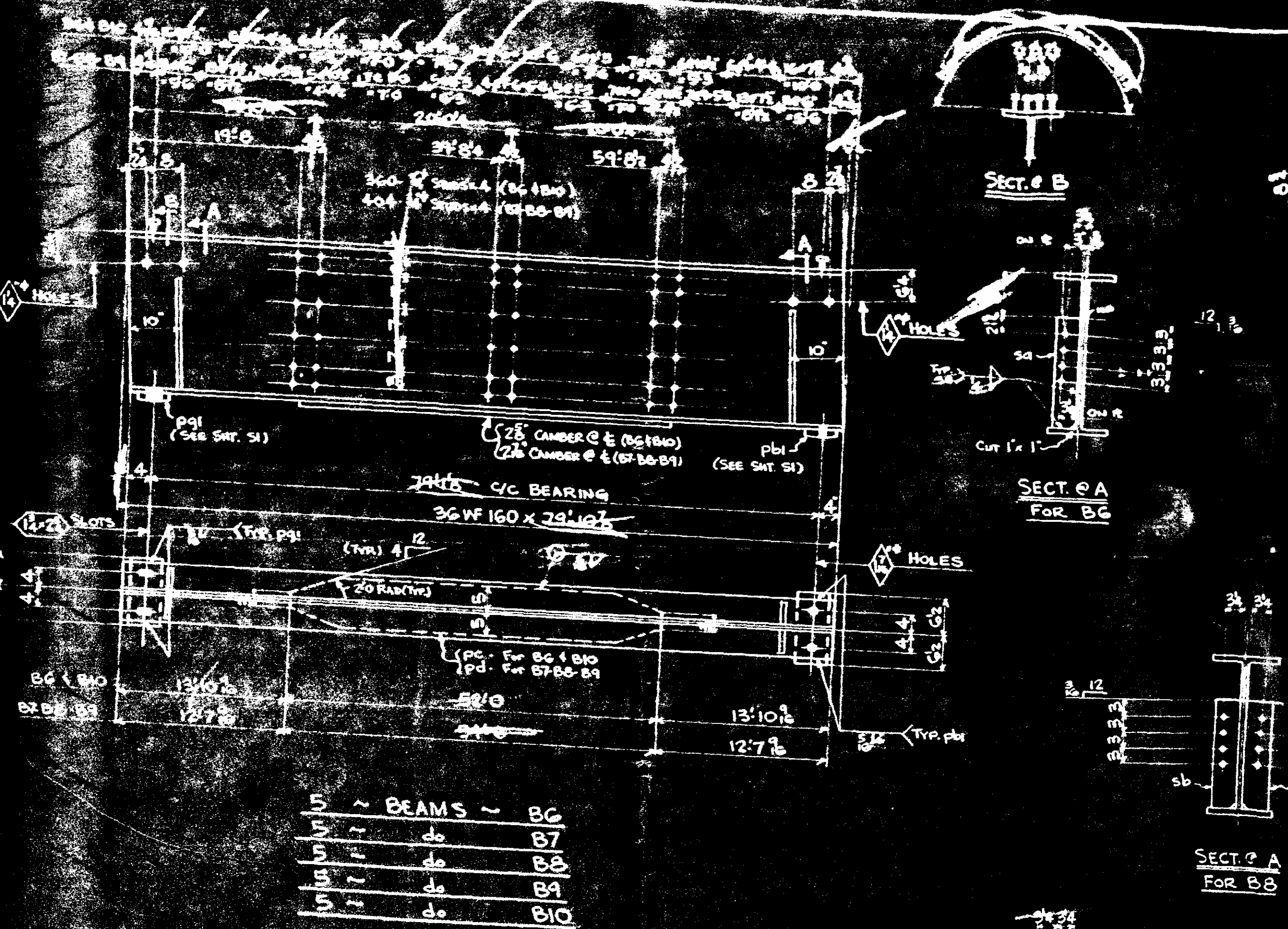


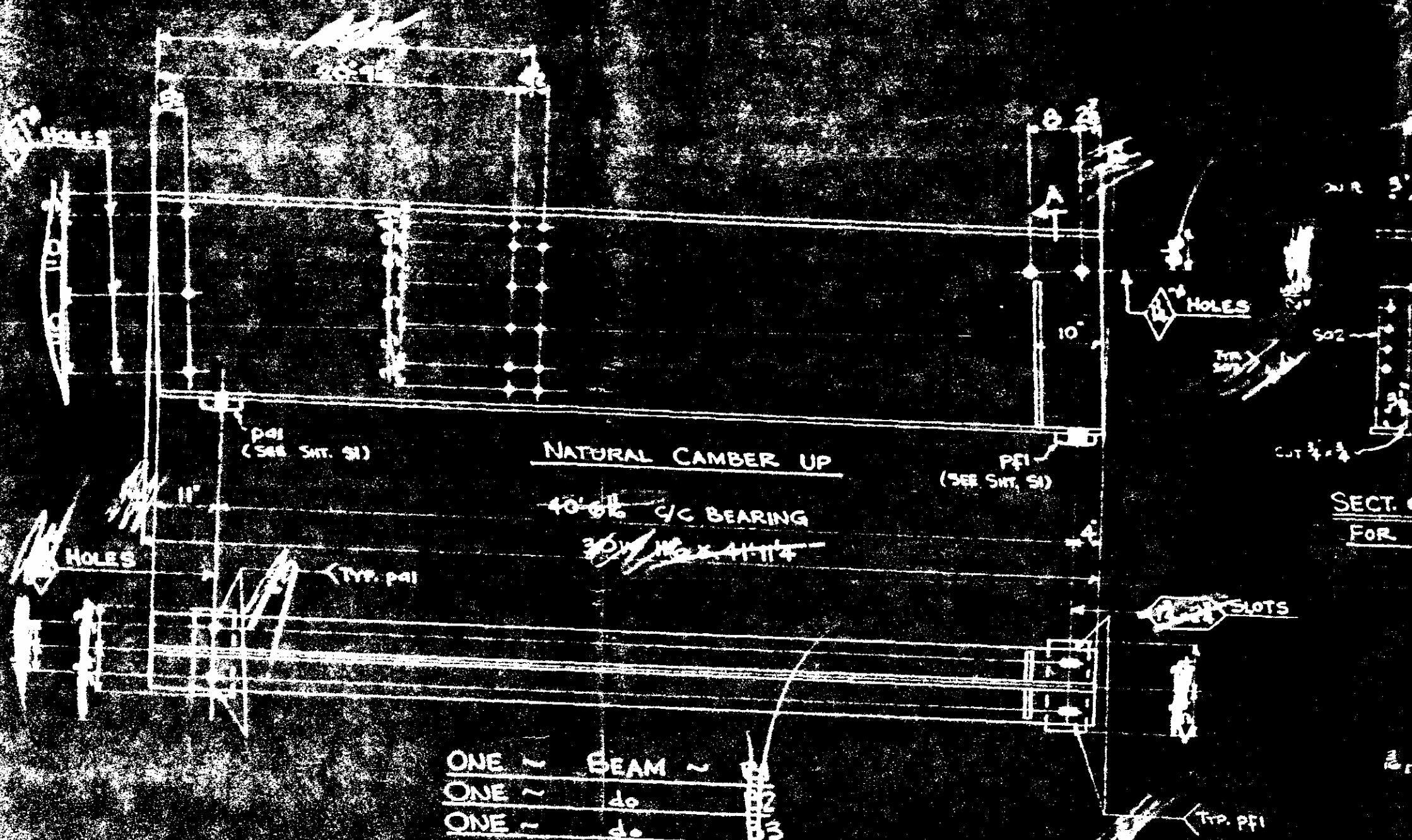
SPAN	BM	A	B	C	D
A	All	11' 11 1/4"	17' 6"	40' 6 1/8"	
B, C, D, E, F	All	14' 10 7/8"	17' 6"	79' 1 1/8"	
G	Int.	42' 11"	17' 6"	41' 6 9/16"	
G	Ext.	42' 11 9/16"	17' 6"	41' 6 9/16"	
G	Flare L	23' 6 3/8"	17' 6"		22' 5 7/8"
G	Flare R	24' 2 1/2"	17' 6"		23' 1 1/4"

BEAM BEVEL DETAIL









SECT. 1
 FOR B

31-34

SPAN A

SPAN B

SPAN C

SPAN D

SPAN E

DIAPHRAGM & PLATE LAYOUT

Exterior Bms. 16 Spacing 7'2" 6 Spacing 9'0" 6 Spacing 10'2" 7 Spacing 11'0" 6 Spacing 11'3" 3 1/2 Spacing 11'6" 360 Studs per Ext. Bm.

Interior Bms. 11 Spacing 6'6" 12 Spacing 7'2" 15 Spacing 8'2" 5 Spacing 10'2" 7 Spacing 11'0" 10 Spacing 11'3" 2 Spacing 11'6" 404 Studs per Int. Bm.

Ext. Bms. 36 W 160

Int. Bms. 36 W 160

d Brg.

Ext. Bms. Cover Pl. 26'0" (10' x 1" x 52'0")

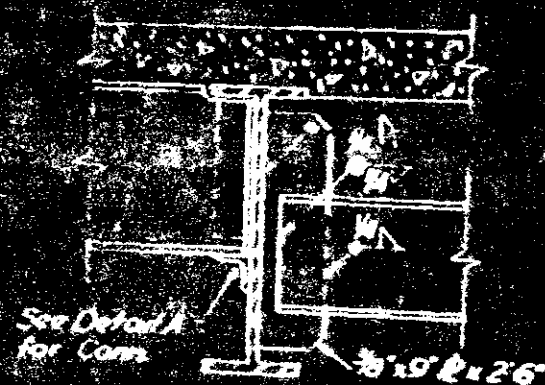
Int. Bms. Cover Pl. 27'3" (10' x 1 1/2" x 54'6")

Stud spacing
sym about C
between Bms.

STUD SPACING & COVER PLATES

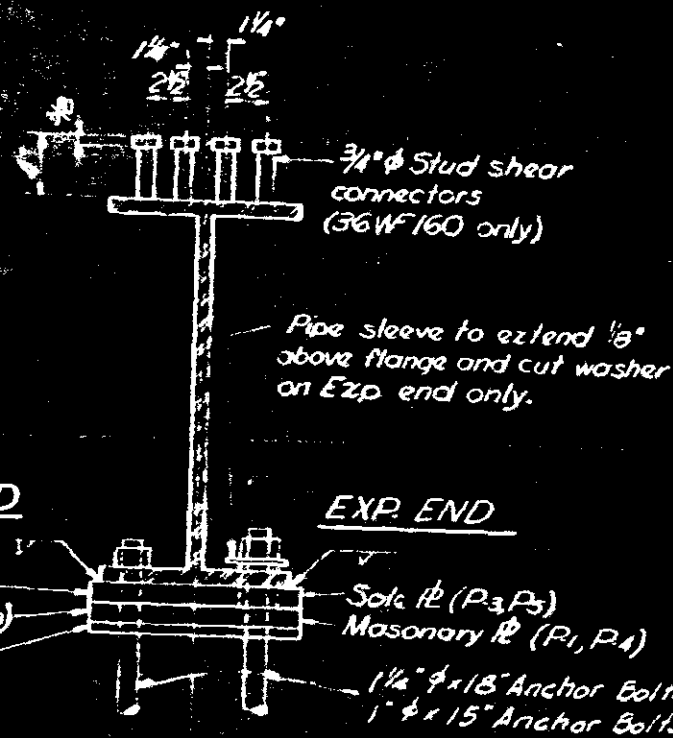
Bms. in Spans B-C-D-E & F only

At the contractor's option, he may substitute for the cover plates designated on the plans cover plates of equivalent area provided these plates are at least 3/16" in thickness and do not exceed a width equal to the flange width less 2" or a thickness equal to the flange thickness plus 1/8". The size of the weld for attaching these cover plates shall be in accordance with the AWS Specifications.

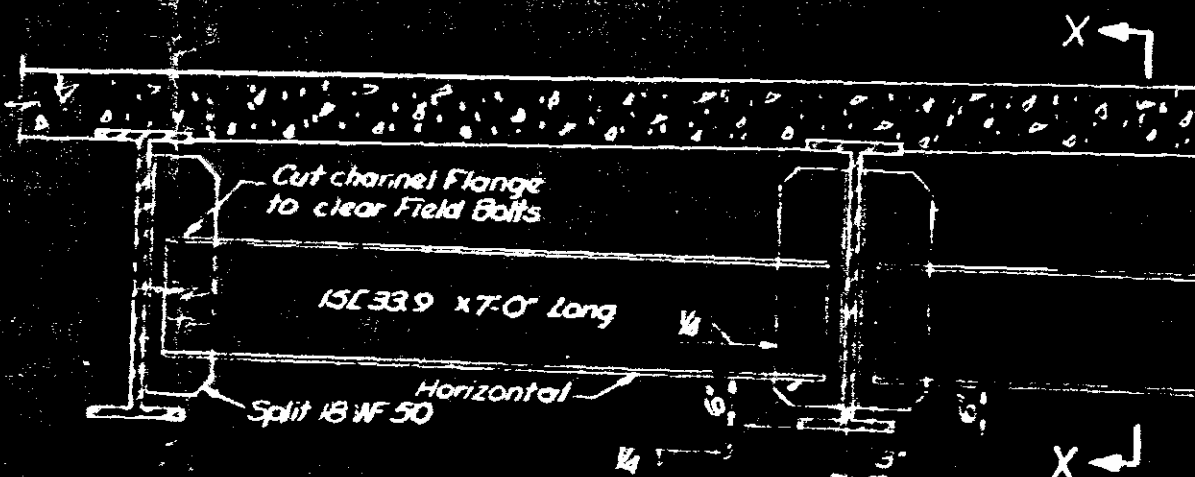


AT EXT. BM. SPAN-G

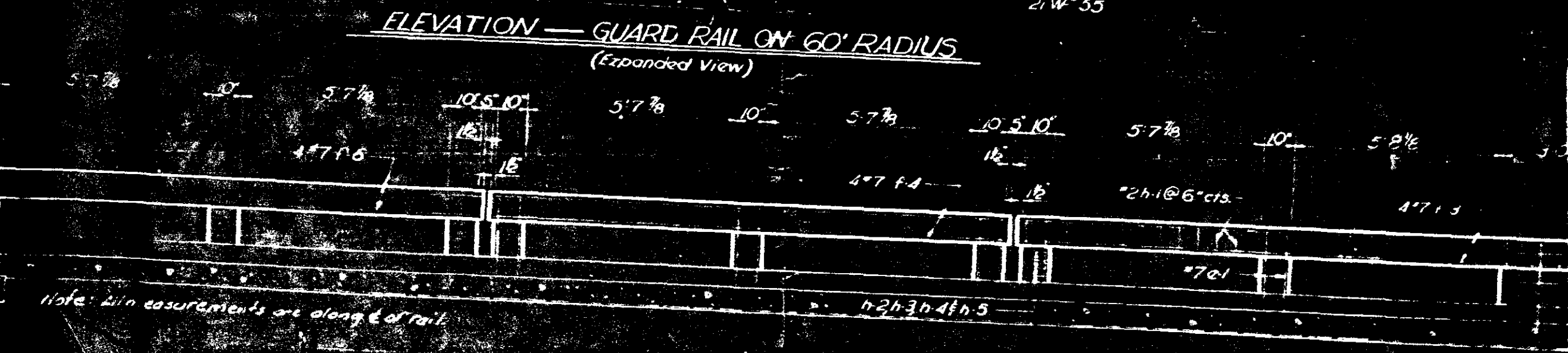
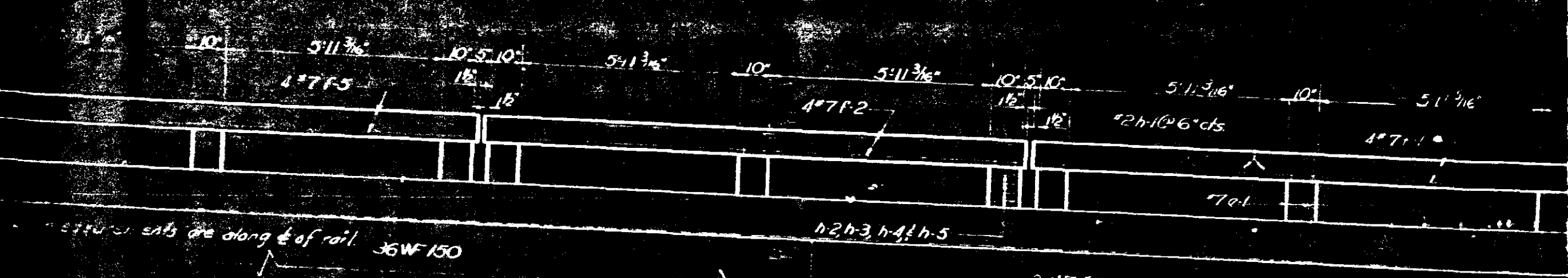
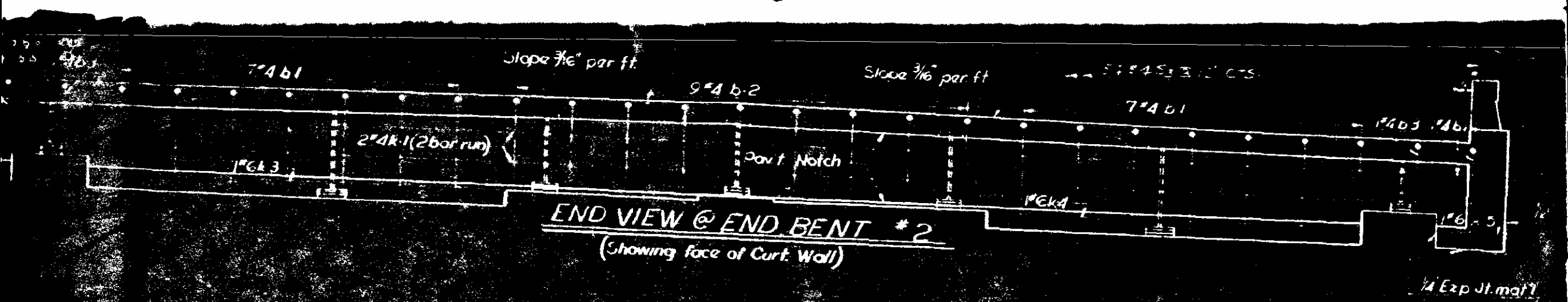
DIAPHRAGM CONNECTION AT MIDSPAN



SECTION THRU BEAM

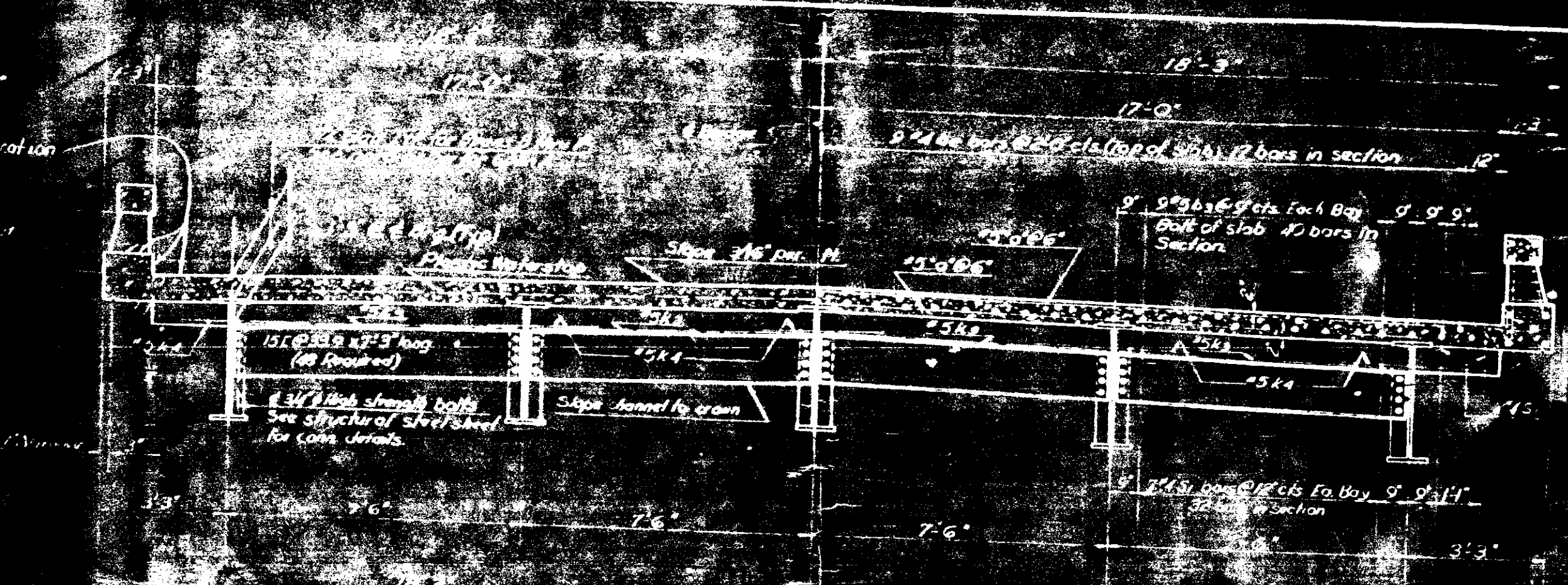


TYPICAL



Note: All measurements are along & of rail.

100' 66
 100' 66
 100' 66



NOTE: Span A slabs 7 1/2" thick at E of bearing on Pier 4 with bars in thickness with the vertical bars bent through span to form moment-resisting at E of the E of bearing on Pier 4. Beams in span are all at 1/2" grade.

TYPICAL SECTION

(Showing diaphragms @ int bents)

