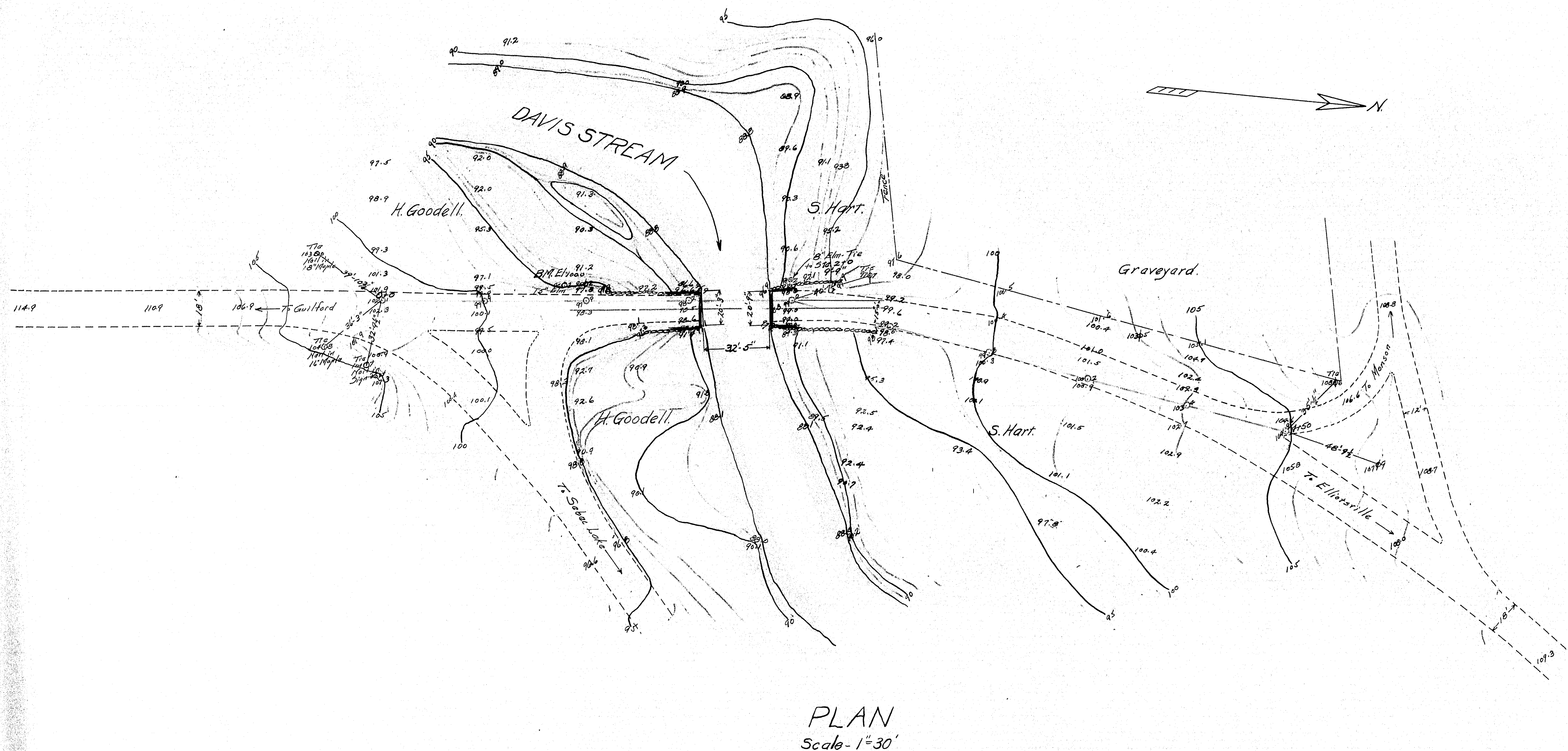




Notes.

Substruture - Flat shale field stone, well laid and in good condition.

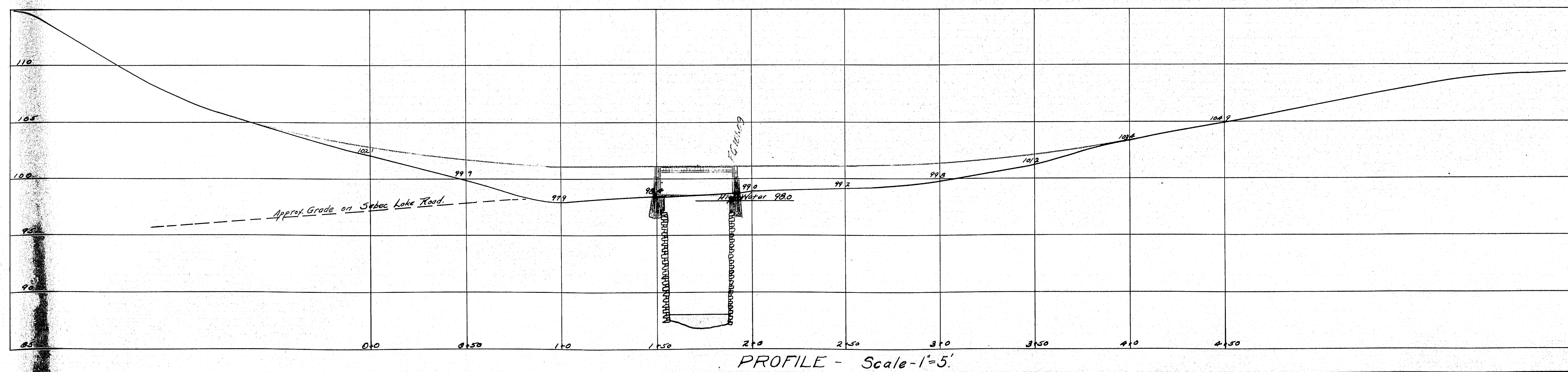
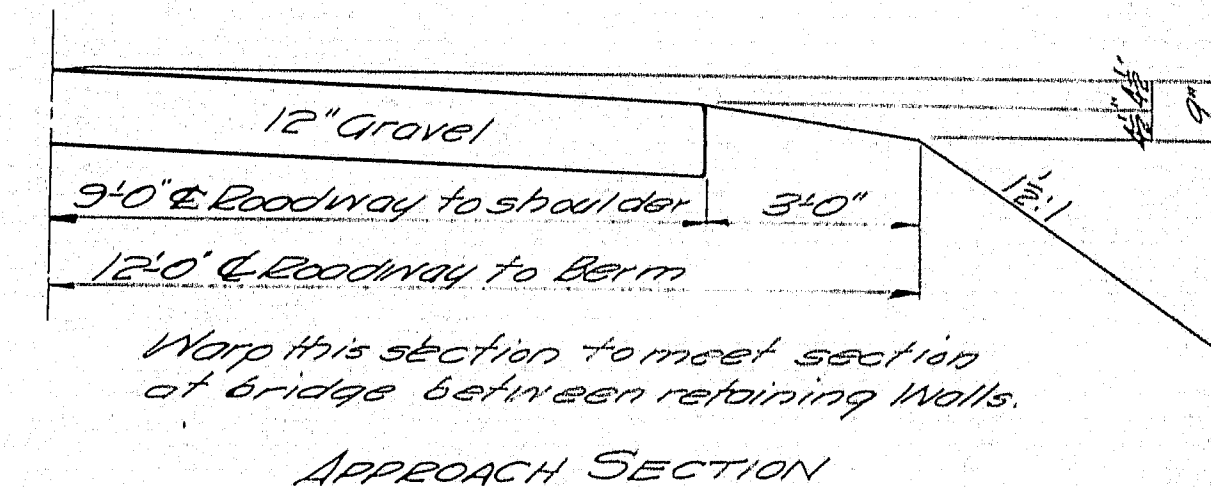
Superstructure - King Post Truss

16'-1" center to center, Fair condition.

Log stringers - fair. 3" Planking - good.

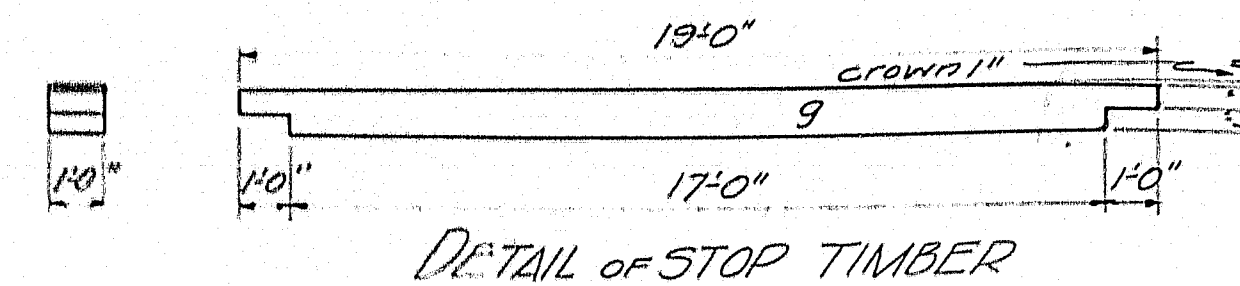
No penetration - Rock and coarse gravel.

Drainage area about 35 sq. mi.

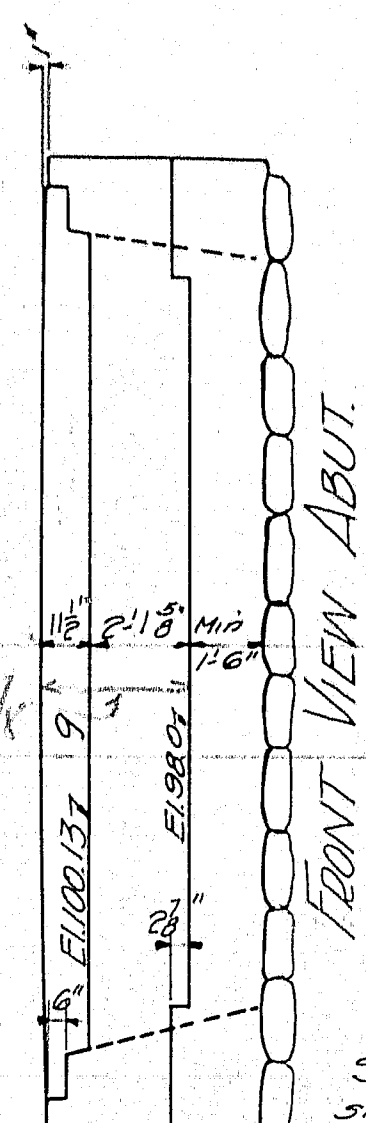
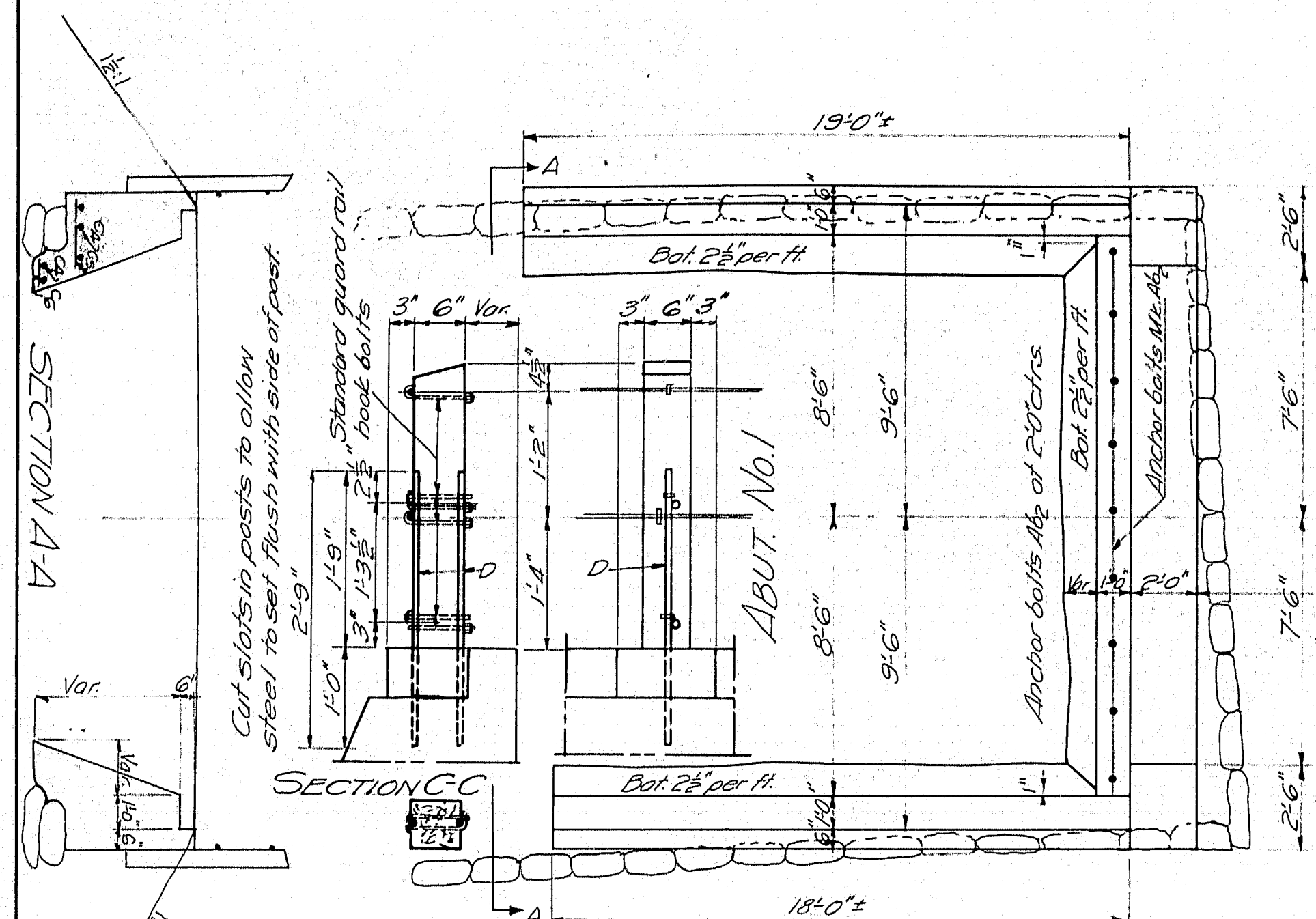


MAINE HIGHWAY COMMISSION
BRIDGE DIVISION
GOODELL BRIDGE
OVER
DAVIS STREAM
TOWN OF
WILLIMANTIC, PISCATAQUIS CO.
Sheet 1 of 2 Augusta, Me. Dec. 27, 1929.

Stop timbers to be securely bolted to concrete backing as shown. The nut and washer is to be set into the timber so that at least 2" clear will be maintained above top of bolt. Fill hole above nut and washer with tar.



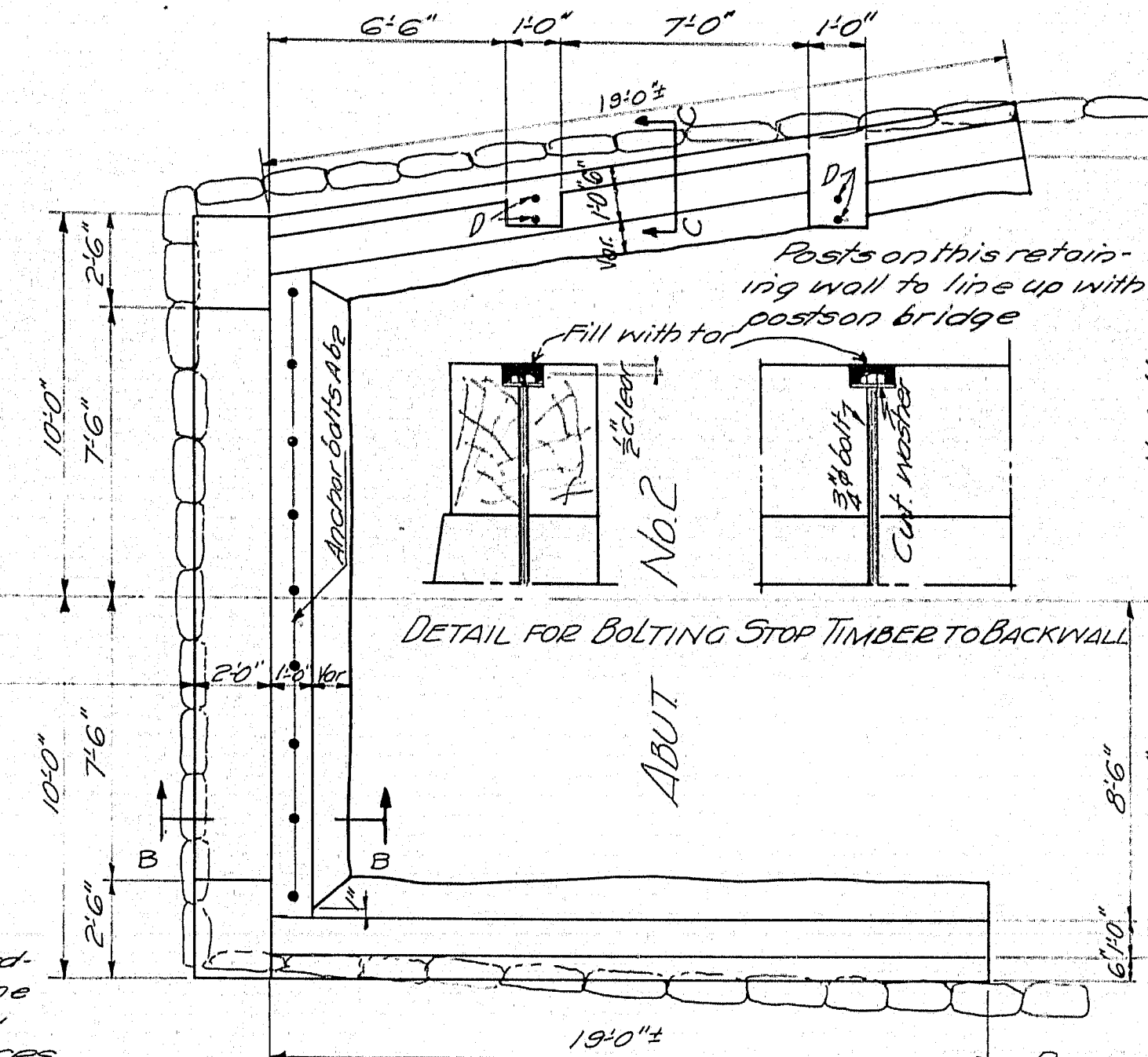
DETAIL OF STOP TIMBER



SECTION B-B

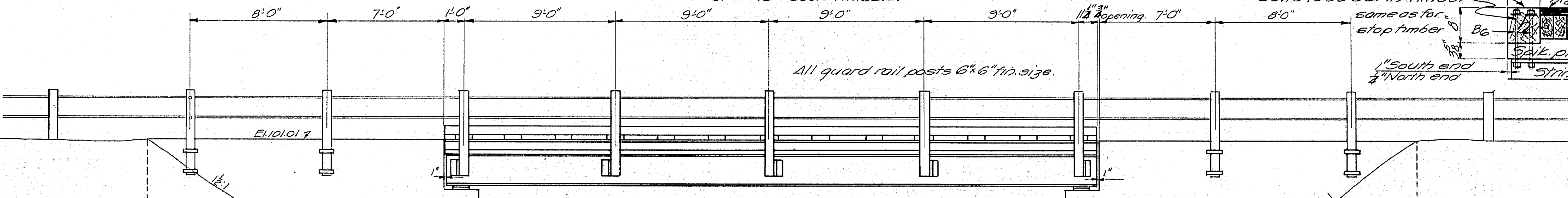
PLAN

Spiking pieces and wheel guards shall be accurately framed in accordance with plans, erected true to line and grade and bolted securely in place. Interior spiking pieces to be capped on ends 18" long, to thickness shown in "DETAIL OF END FLOOR TIMBER".

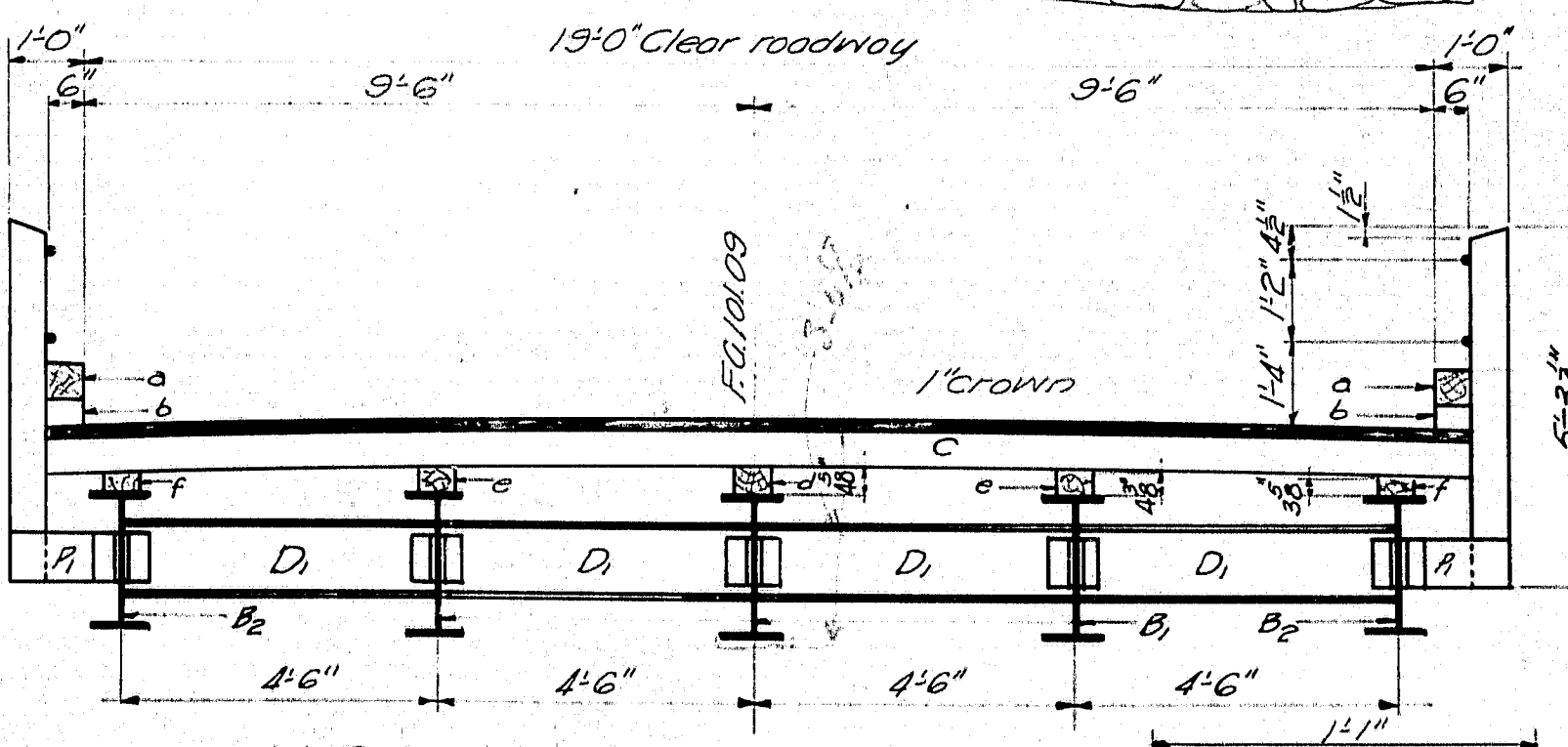


DETAIL FOR BOLTING STOP TIMBER TO BACKWALL

DETAIL OF END FLOOR TIMBER



SIDE ELEVATION

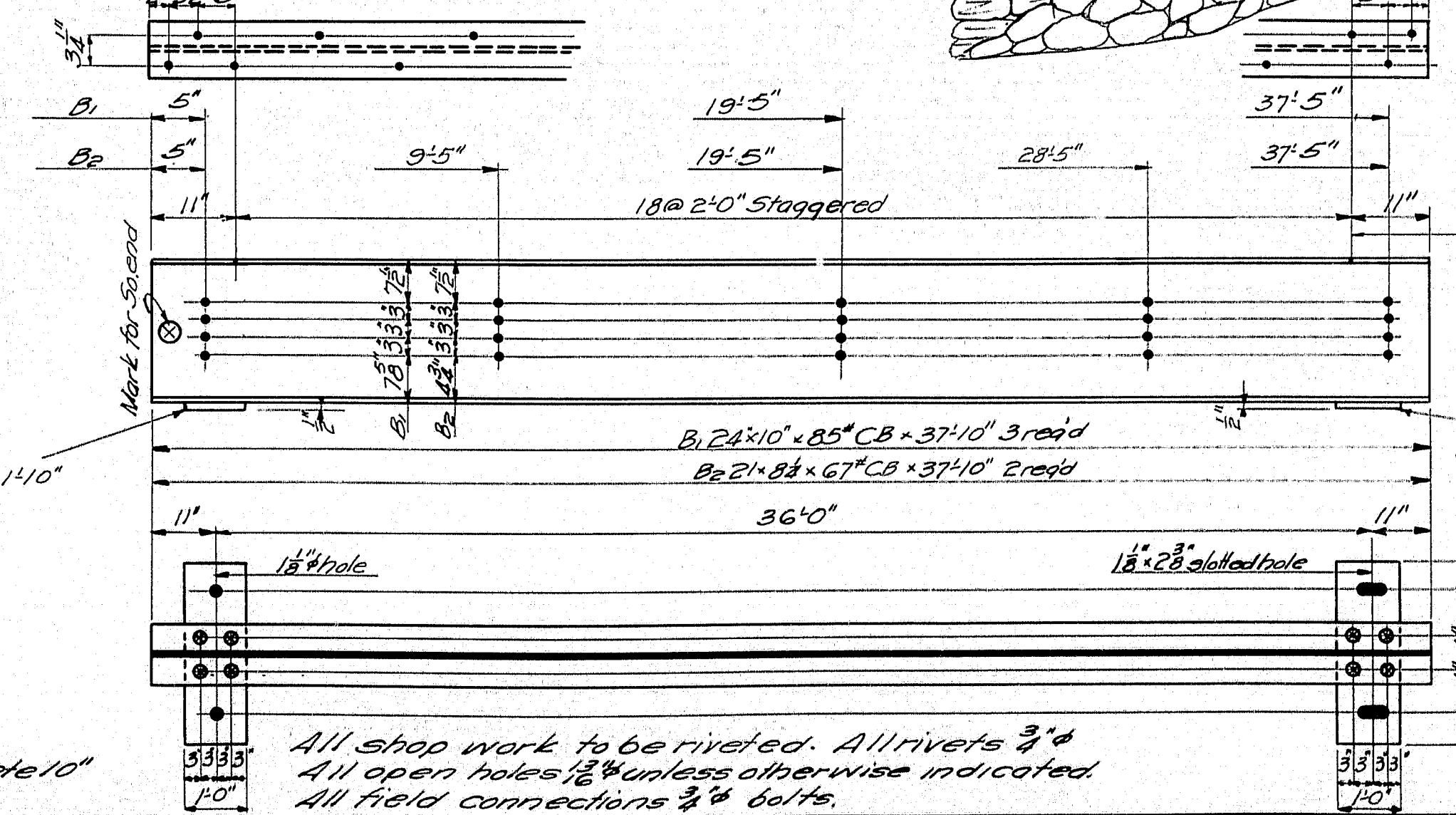


X-SECTION SUPERSTRUCTURE

The asphalt plank shall be of some standard brand approved by the Engineer. The material shall be laid lengthwise of the bridge with staggered close joints and securely fastened to the timber floor by the use of 10d nails. When the temperature is lower than 40°F, the asphalt plank shall be heated to 50°F or higher to permit proper laying.

ANCHOR BOLT 20 req'd

Anchor bolts to be set in concrete 10"

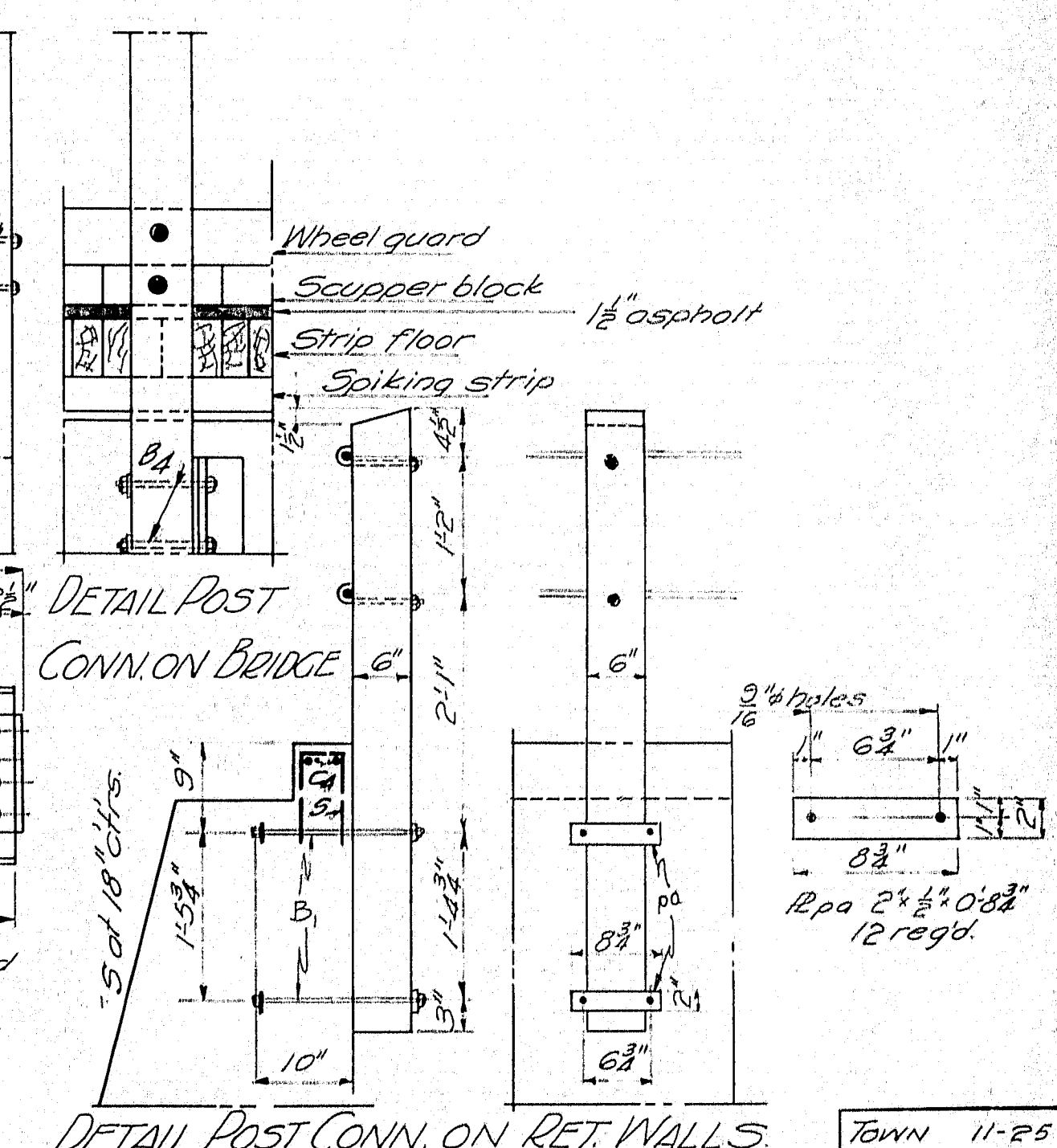


All shop work to be riveted. All rivets 3/4" 411 open holes 1/2" unless otherwise indicated. All field connections 3/4" bolts.

DIAPHRAGMS MLD. 12 req'd

POST CONN. M.L.P.

EXPANSION PLATE 12 req'd



DETAIL POST CONN. ON RET. WALLS

Fin Size	Length	No p's	Grass	Remarks
C 2 1/2 x 5 1/2	20'-0"	167	4s	Strip floor
D 5 1/2 x 5 1/2	37'-11 1/2"	2	4s	Wheel guard
B 3 1/2 x 5 1/2	1'-0"	26	4s	Scupper blocks
D 1 1/2 x 6	37'-11 1/2"	1	2s	Spik p's.
E 1 1/2 x 6	37'-11 1/2"	2	2s	"
F 3 1/2 x 6	37'-11 1/2"	2	2s	"
G 1 1/2 x 11 1/2	19'-0"	2	4s	stop timber
H 1 1/2 x 8	20'-0"	2	2s	End floor timber

Asphalt plank 735 sp. ft.
All timber listed in this schedule to be creosoted.

Descrip	Size	Length	No	Mk	Remarks
Corr. bolts	3/4"	1'-6"	52	Bs	Wheel guard-scap. bks.
Cut washers	3/4"	—	52	"	"
Corr. bolts	3/4"	1'-1"	20	Bs	posts to wheel guards
Cut washers	3/4"	—	20	"	"
Mach. bolts	3/4"	0'-8"	20	Bs	posts to conn. p's.
Cut washers	3/4"	—	20	"	"
Corr. bolts	3/4"	0'-6 1/2"	95	Bs	sp. p's to stringers
Machine bolts	3/4"	1'-6"	24	Bs	Post on app. to ret. wall
Cut washers	3/4"	—	24	"	"
Mach. bolts	3/4"	1'-10"	18	Bs	stop timbers
Cut washers	3/4"	—	18	"	"
Mach. bolts	3/4"	1'-1"	20	Bs	End floor timber
Cut washers	3/4"	—	20	"	"

Size	No	Length	Remarks
C1 1/2"	20	3'-0"	cut to fit
C2 1/2"	12	20'-0"	in field
C3 1/2"	20	1'-6"	"
C4 1/2"	28	23'-0"	"
C5 1/2"	40	2'-0"	"
C6 1/2"	40	1'-6"	"

All steel to be plain round bars of structural grade.

Maine Highway Commission
Bridge Division
GOODSELL BRIDGE
over
DAVIS STREAM
in the town of
WILLIMANTIC
PISCATAQUIS CO.
BRIDGE DETAILS
Sheet 2 of 2 Augusta, Me April 12, 1932