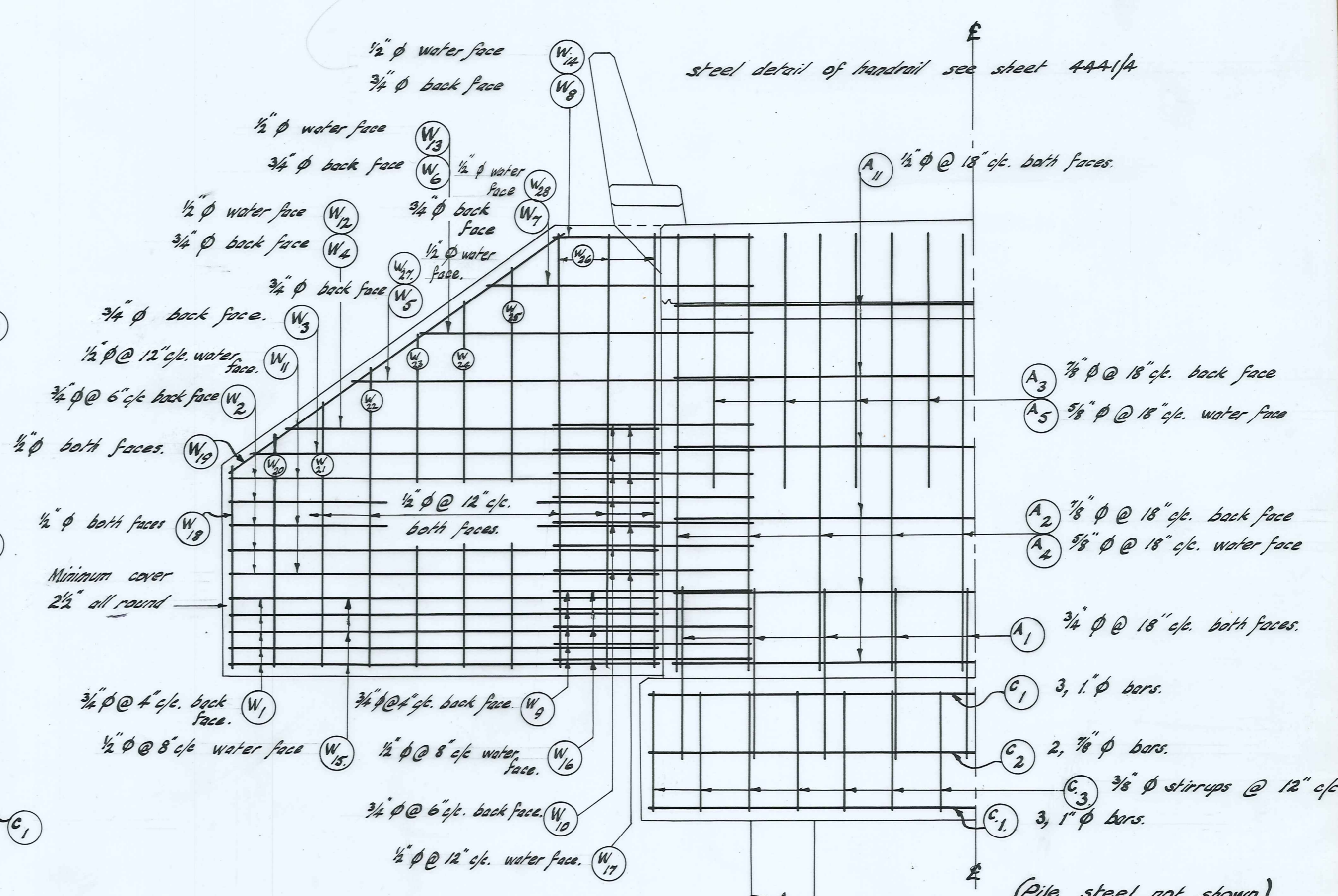
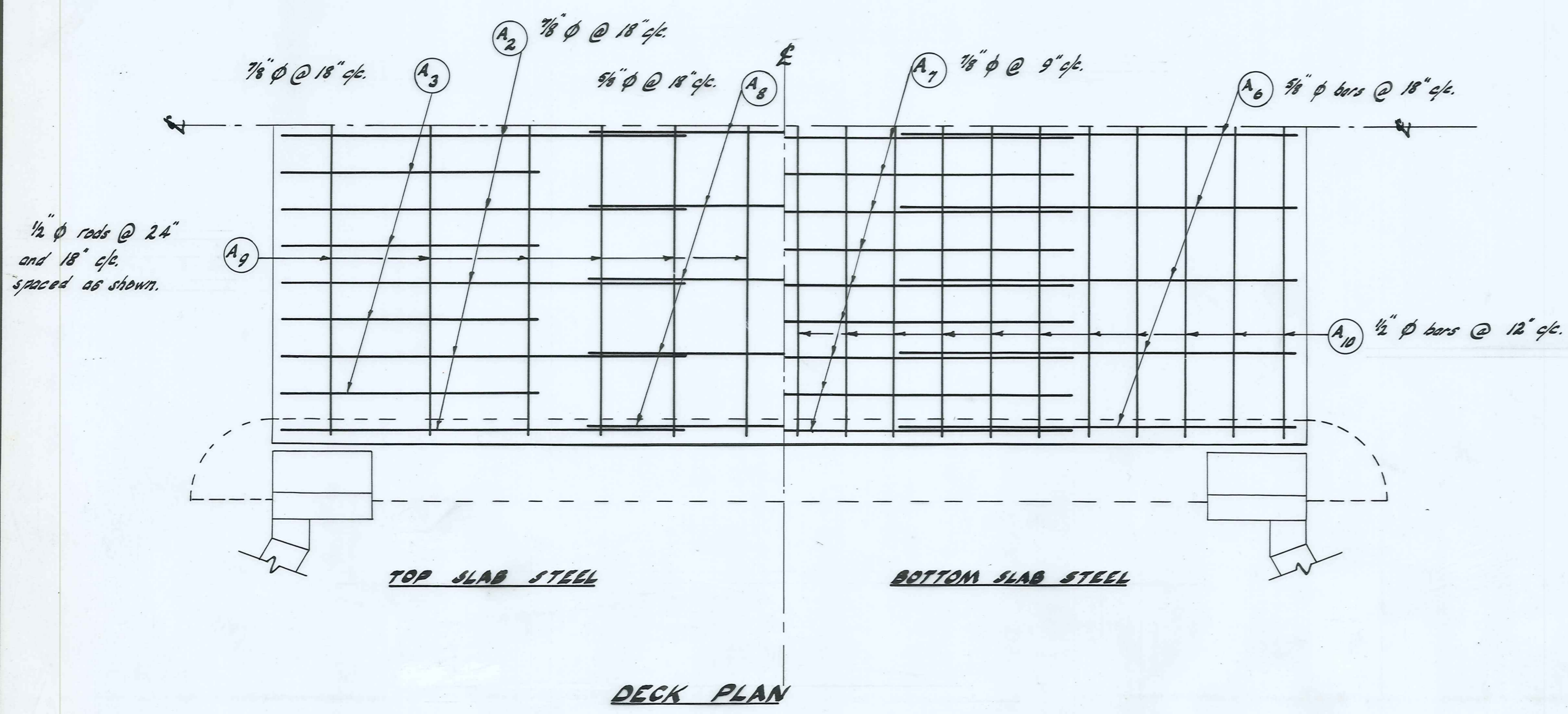


SECTION ELEVATION



DEVELOPED END ELEVATION



STEEL DETAIL

scale: - 1/2" to 1'-0"

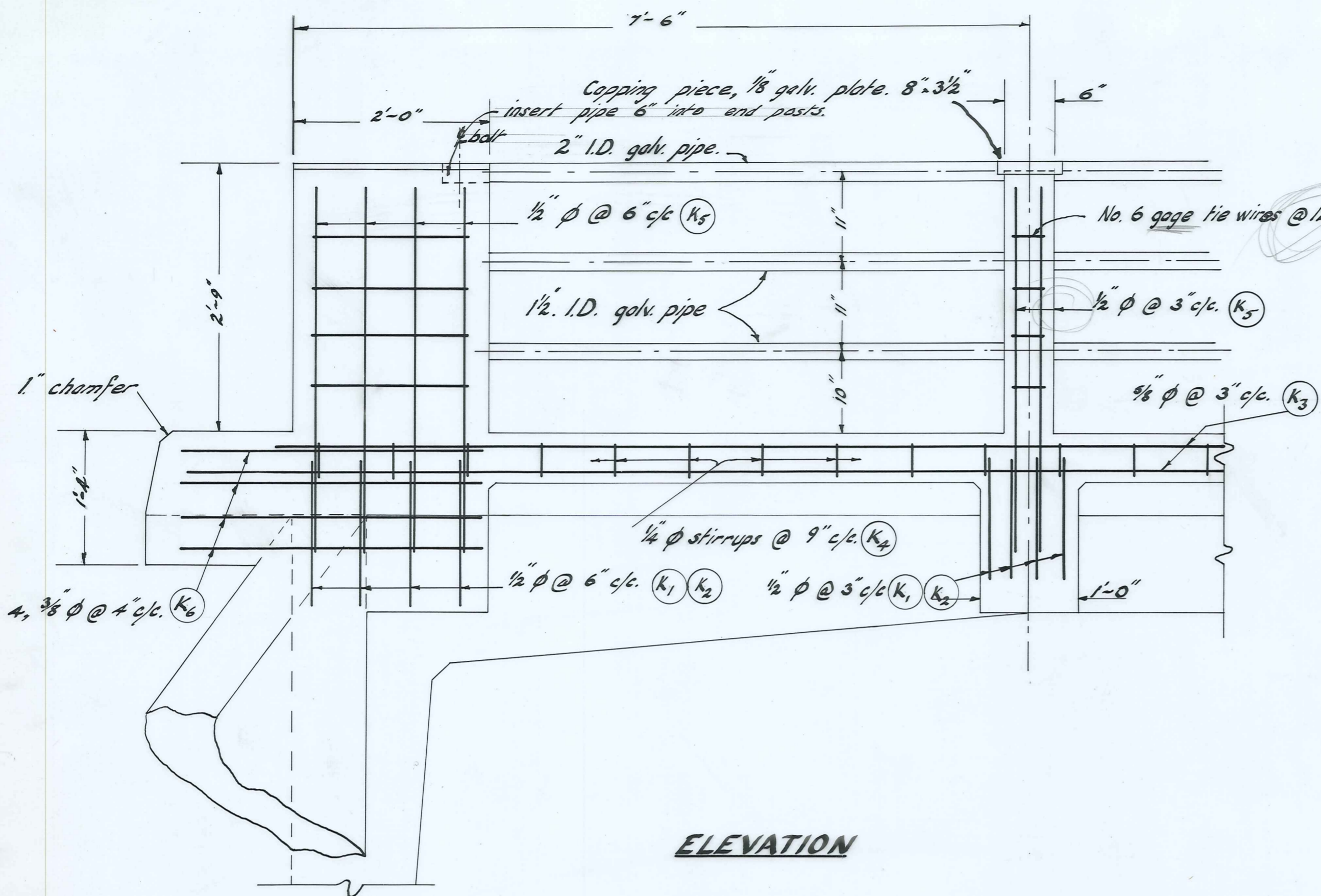
VINCENT COUNTY COUNCIL

WAINUI STREAM BRIDGE

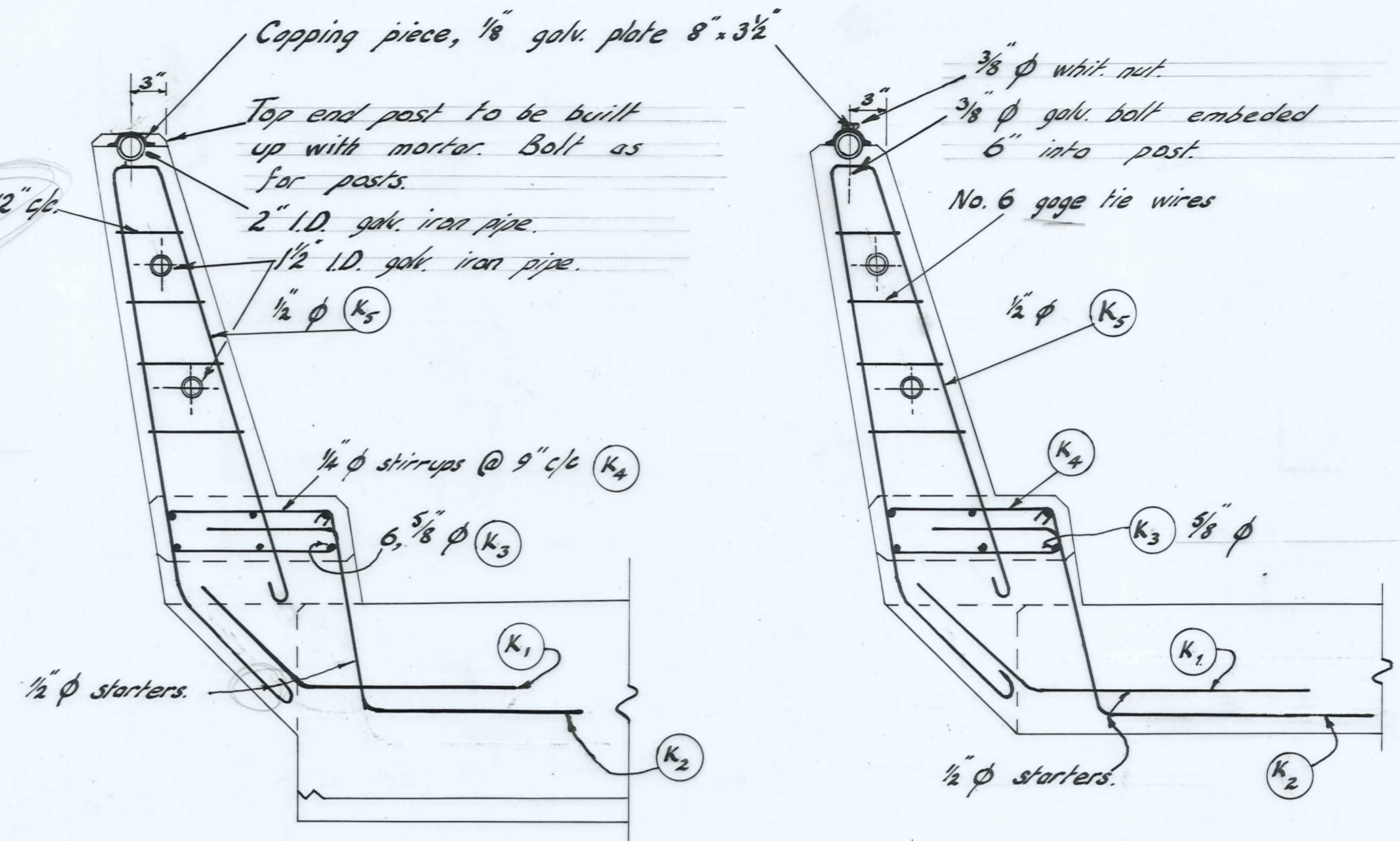
DUFFILL, WATTS & KING
CONSULTING CIVIL & STRUCTURAL ENGINEERS
DUNEDIN and INVERCARGILL

NAME	DATE
L. J. Wylie	MAY 1964
D. R. Smythe	MAY 1964
D. J. Smythe	MAY 1964

JOB NO.
4441/3
FILE NO. 4/44

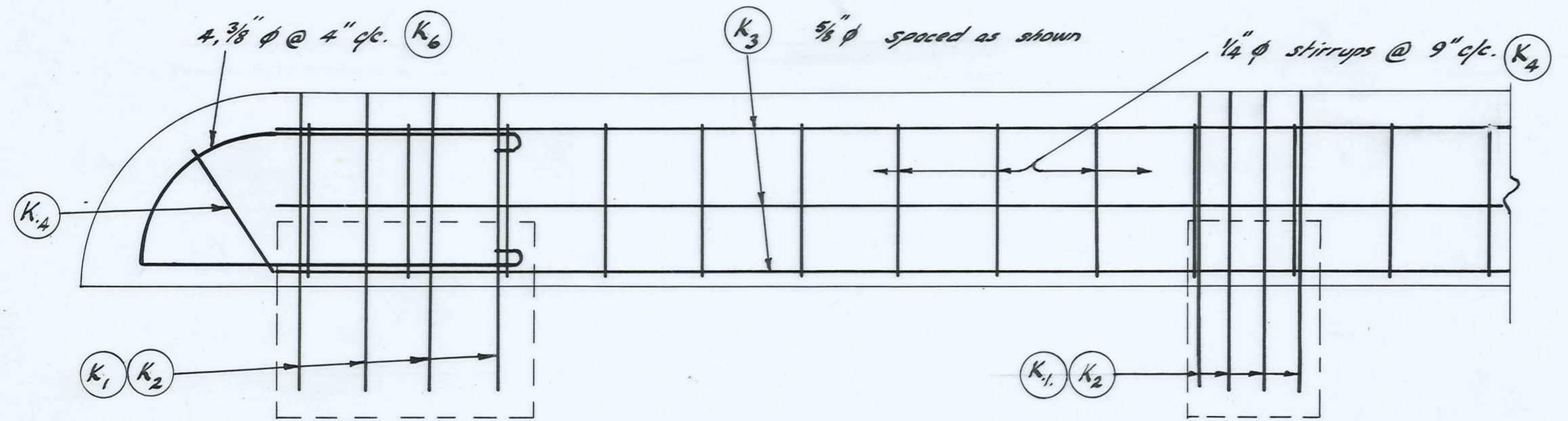


ELEVATION



END ELEVATION

POST SECTION



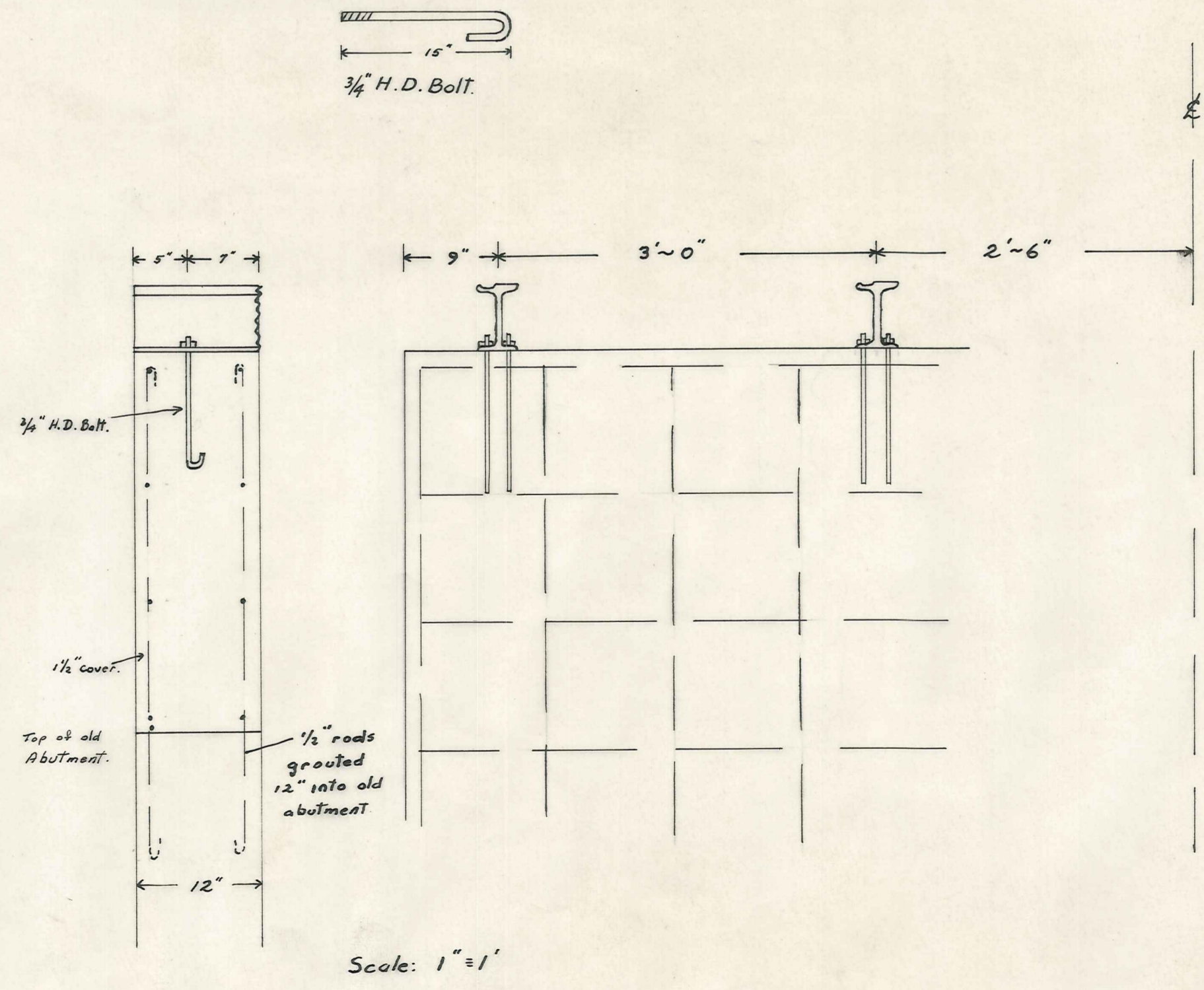
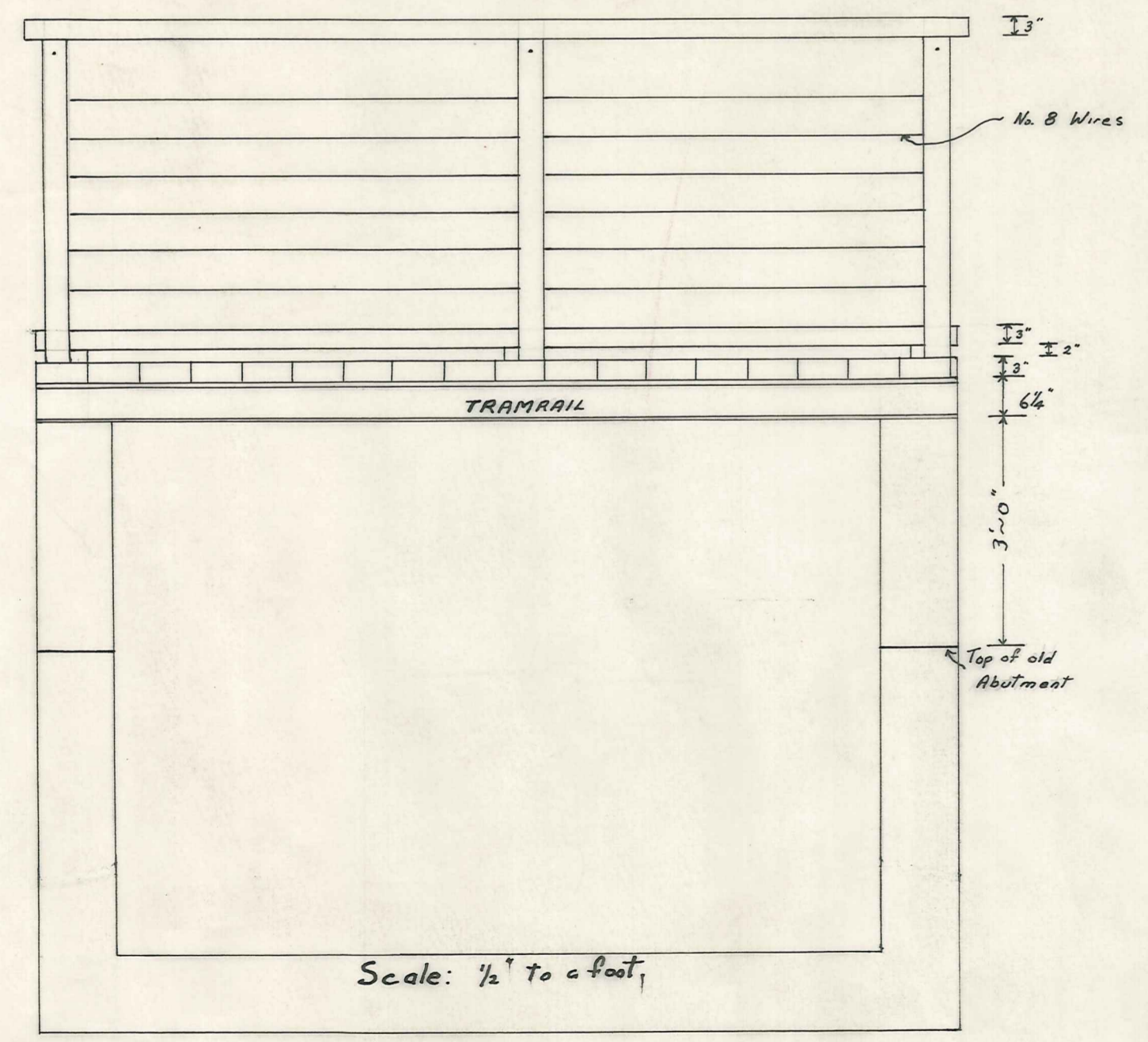
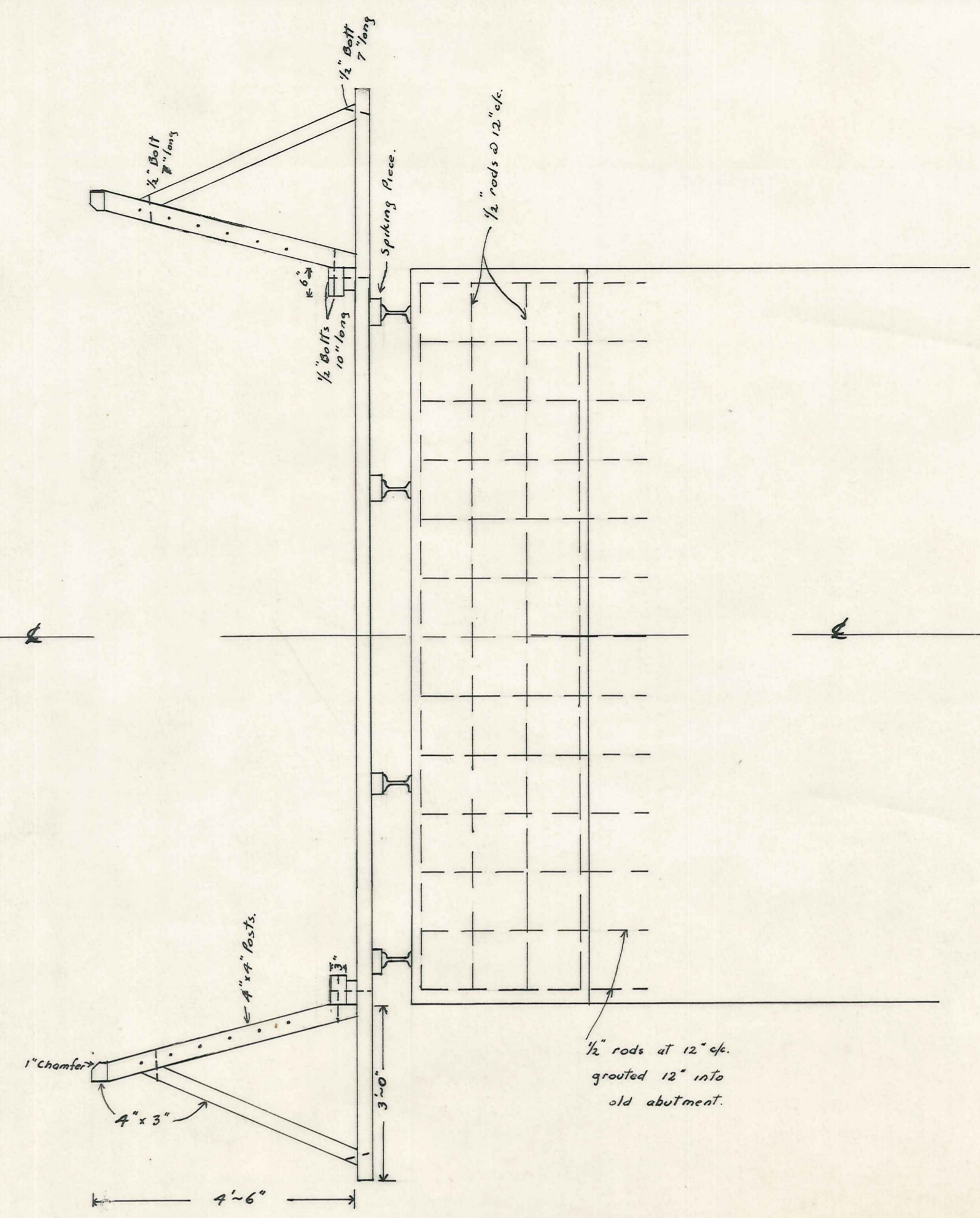
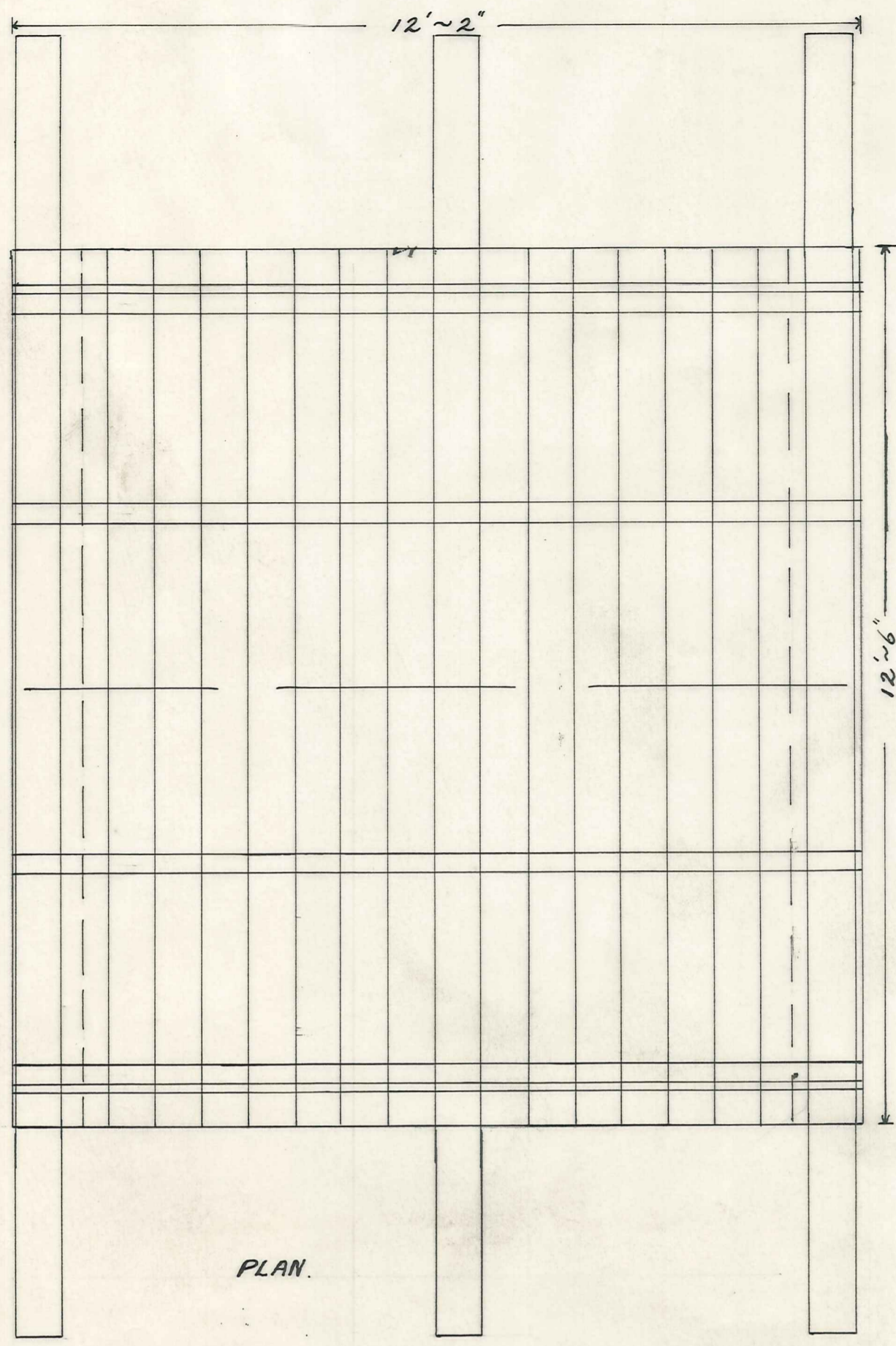
PLAN

Note:- Bars W1. & W2. are identical and Bars W8, W9 & W10. are identical.

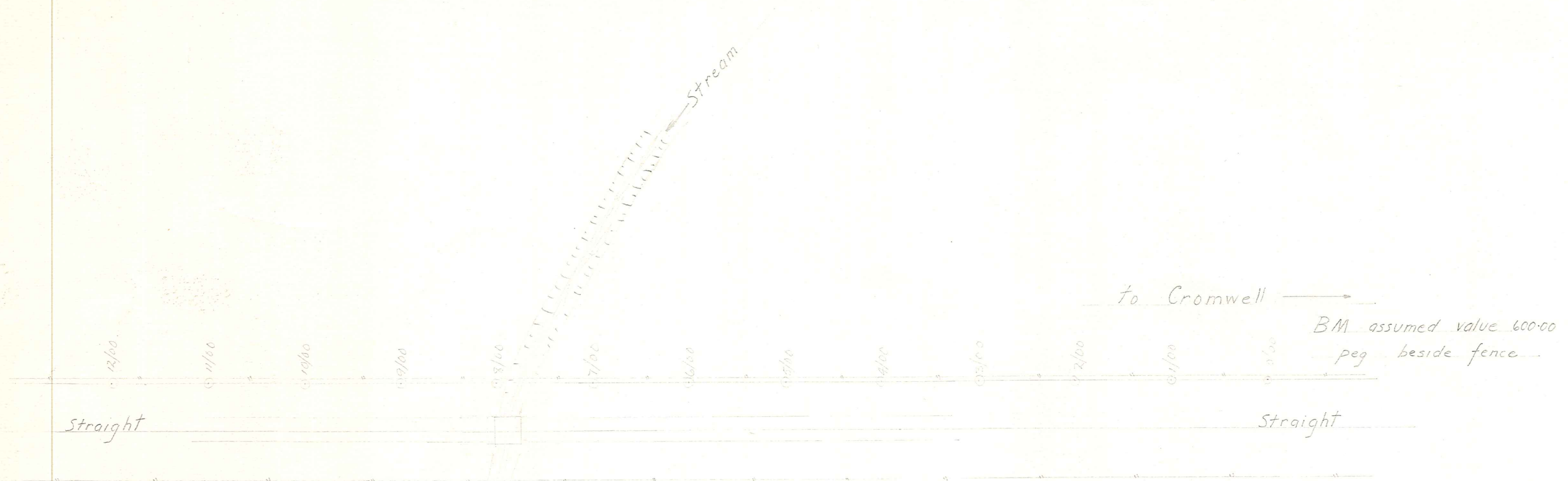
STEEL DETAIL, HANDRAILS, POSTS & KERB.

Scale: 1 inch to 1 foot.

STEEL BENDING SCHEDULE												Shape	Remarks		
Mark.	Dia.	Type	a	b	Total Length	No. Reqd.	Mark.	Dia.	Type	a	b	Total Length	No. Reqd.		
A.1.	3/4"	V	2'-0"	1'-9"	4'-11"	36	W.11.	1/2"	IV	2'-2"	9'-1"	12		TYPE I	
A.2.	7/8"	VI	9'-1"	8'-6"	13'-10"	18	W.12.	1/2"	"	2'-2"	7'-11"	4		TYPE II	
A.3.	7/8"	VI	5'-3"	5'-6"	12'-0"	16	W.13.	"	"	4'-1"	7'-0"	4			
A.4.	5/8"	II	9'-1"		10'-1"	18	W.14.	"	I	4'-3"		4'-3"	4		
A.5.	5/8"	"	5'-2"		6'-2"	16	W.15.	"	IV	2'-2"	9'-1"	12		TYPE III	
A.6.	5/8"	"	8'-3"		9'-3"	18	W.16.	"	I	4'-3"		4'-3"	12		
A.7.	7/8"	"	12'-1"		13'-4"	18	W.17.	"	I	4'-3"		4'-3"	16		
A.8.	5/8"	"	8'-0"		9'-0"	10	W.18.	"	"	4'-4"		4'-4"	8		
A.9.	1/2"	I	12'-8"		12'-8"	12	W.19.	"	VII	2'-0"	8'-8"	10'-8"	8		
A.10.	3/4"	I	12'-8"		12'-8"	22	W.20.	"	I	4'-11"		4'-11"	8		
A.11.	1/2"	"	12'-8"		12'-8"	24	W.21.	"	"	5'-7"		5'-7"	8		y = 5"
C.1.	1"	"	13'-8"		13'-8"	12	W.22.	1/2"	I	6'-4"		6'-4"	8		
C.2.	7/8"	I	13'-8"		13'-8"	4	W.23.	"	"	7'-0"		7'-0"	8		
C.3.	3/8"	III	2'-4"	1'-7"	8'-6"	30	W.24.	"	"	7'-9"		7'-9"	8		
W.1.	3/4"	IV	6'-10"	2'-0"	8'-10"	20	W.25.	"	"	8'-6"		8'-6"	8		
W.2.	3/4"	"		2'-0"	8'-10"	20	W.26.	1/2"	I	9'-1"		9'-1"	24		
W.3.	3/4"	"	6'-4"	2'-0"	8'-4"	4	K.1.	1/2"	VII	1'-3"	2'-3"	3'-8"	32		y = 0'-11" (y = 1'-6" for W19)
W.4.	3/4"	"		2'-0"	7'-11"	4	K.2.	1/2"	VIII	1'-0"	2'-1"	4'-9"	32		c = 0'-5" d = 1'-"
W.5.	3/4"	"		4'-1"	8'-9"	4	K.3.	3/8"	I	2'-6"		2'-6"	12		
W.6.	"	"		4'-1"	7'-0"	4	K.4.	1/4"	III	1'-3"	0'-4"	4'-0"	56		c = 0'-4" d = 1'-0" y = 0'-10"
W.7.	"	"		4'-1"	5'-8"	4	K.5.	1/2"	IV	3'-4"	3'-5"	8'-10"	24		
W.8.	3/4"	I	4'-3"		4'-3"	4	K.6.	3/8"	X	3'-1"	1'-11"	6'-1"	16		
W.9.	"	"	4'-3"		4'-3"	20	W.27.	1/2"	IV	4'-1"	8'-9"	12'-10"	4		
W.10.	"	"	4'-3"		4'-3"	28	W.28.	1/2"	IV	4'-1"	5'-8"	9'-9"	4		c = 1'-0" R = 1'-0"



WAINUI CREEK BRIDGE



1ch to 100

Posi abut soffit level 3'-0"
 ground in roads
 handrails
 show gabion wing walls

provide temp form
 investigate abut depths

R.H. limit
 deck trans rails

	12/00	11/00	10/33 Irrigation Channel 20' x 12'	10/10	9/10	8/10	7/10	6/10	5/10	4/10	3/10	2/12 Irrigation Channel 20' x 12'	1/10	0/10
Distance														
Peg Level				599.76	590.66	590.49	591.71	592.31	594.60	592.47	596.31	600.56	599.43	600.00
Formation Level														
Road & Level	593.11	593.62	593.66	591.61	590.66	587.19	590.41	591.41	593.27	594.57	597.07	599.64 599.02	599.15	598.93
Deck & Level														

Horiz: 1ch to 1in
 Vert: 10ft to 1in

WAINUI CREEK