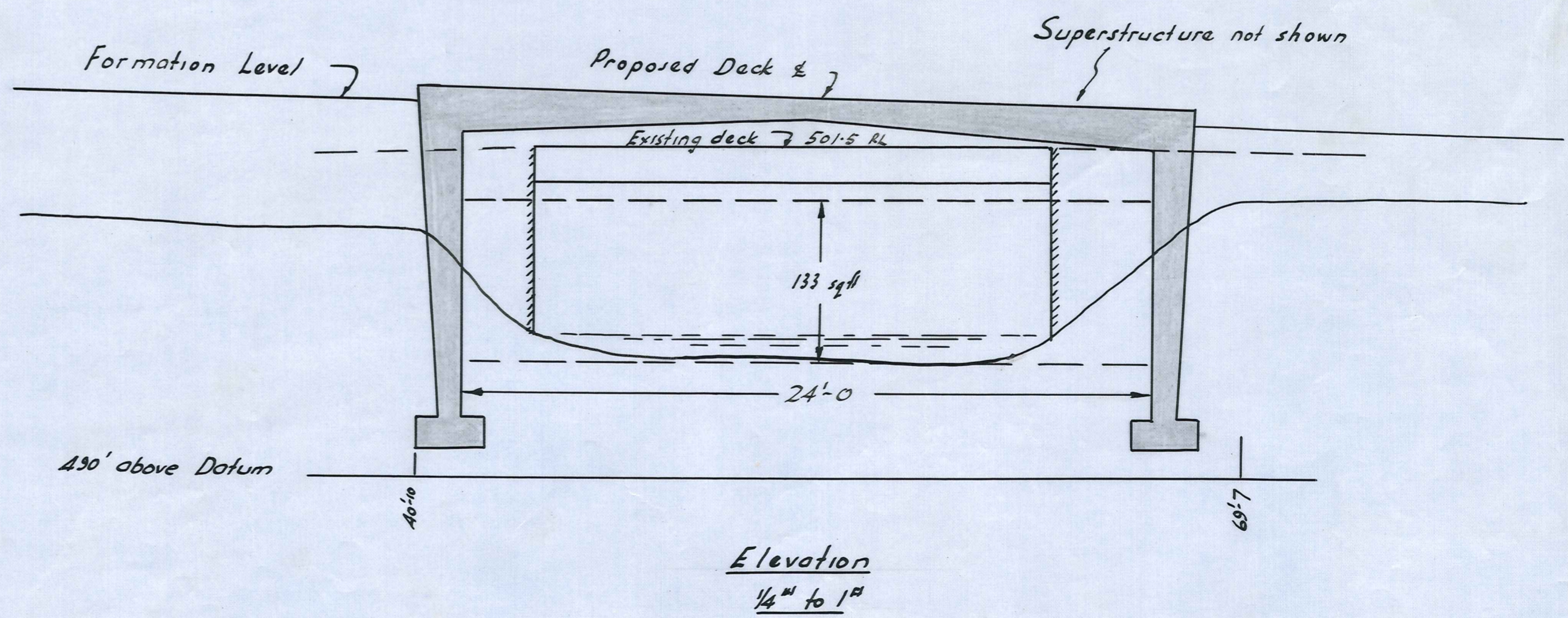


1 ch to 1 in Horiz
10 ft to 1 in Vert



Steel Schedule

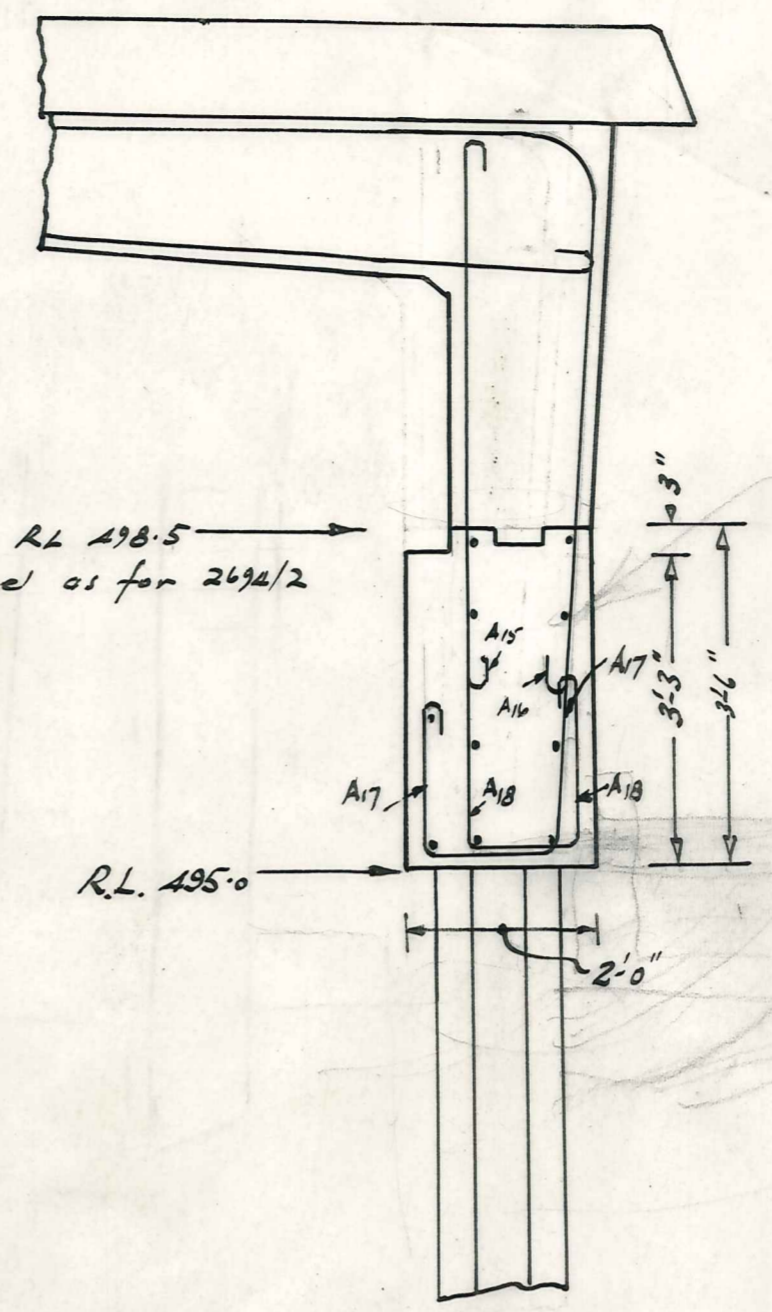
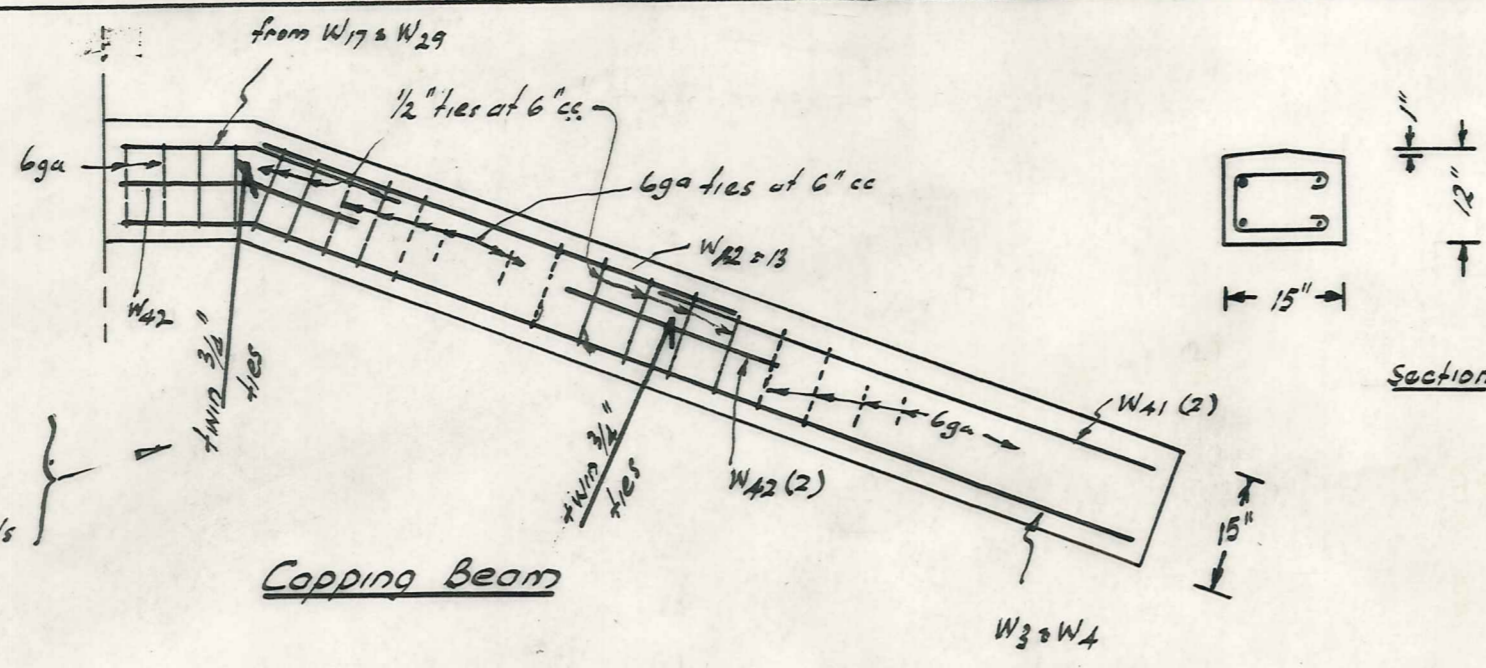
Mark	Dia	No. off.	Type	a	b	Cut length	Diagram
A1	1/2	24	I	2'-0		2'-0	<p style="text-align: center;">Type I</p>
A2	3/4	24	III	3'-0	10"	5'-0	
A3	5/8	24	III	3'-0	10"	4'-10	
A4	1/2	20	I	14'-10		14'-10	
A5	3/4	12	IV	7'-0	11'-0	19'-0	
A6	5/8	12	II	11'-0		12'-0	
A7	5/8	11	II	6'-6		7'-6	<p style="text-align: center;">Type II</p>
A8	3/4	11	IV	11'-0	6'-6	18'-6	
A9	1/2	49	I	14'-10		14'-10	
A10	5/8	24	II	9'-6		10'-6	
A11			-				
A12	3/4	45	II	14'-0		15'-2	
A13	5/8	12	II	10'-0		11'-0	<p style="text-align: center;">Type III</p>
A14			-				
A15	5/8	11	II	5'-9		6'-9	
A16	3/4	11	IV	11'-0	5'-9	17'-9	
A17	3/4	12	II	7'-0	10'-6	18'-6	
A18	5/8	12	II	10'-6		11'-6	
A19	1/2	8	I	14'-10		14'-10	<p style="text-align: center;">Type IV</p>
W1	1/2	14	V	11'-8		13'-0	
W2	3/4	58	V	11'-8		13'-0	
W3	3/4	4	V	10'-4		11'-8	
W4	5/4	4	V	9'-5		10'-9	
W5	1/2	4	V	9'-5		10'-9	
W6	3/4	4	V	8'-4		9'-8	
W7	3/4	4	V	7'-4		8'-8	
W8	1/2	4	V	7'-4		8'-8	
W9	3/4	4	V	6'-4		7'-8	
W10	3/4	4	V	5'-0		6'-4	
W11	1/2	4	V	5'-0		6'-4	
W12	3/4	4	VI	3'-6		7'-6	<p style="text-align: center;">Type V</p>
W13	3/4	4	VI	2'-0		6'-0	
W14	1/2	4	VI	2'-0		6'-0	
W15	1/2	8	VI	7"		4'-7	
W16	1/2	8	VI with 35° bend	13'-8		15'-0	
W17	1/2	4	I	3'-10		3'-10	
W18	1/2	4	I	4'-6		4'-6	<p style="text-align: center;">Type VI</p>
W19	1/2	4	I	5'-2		5'-2	
W20	1/2	4	I	5'-10		5'-10	
W21	1/2	4	I	6'-6		6'-6	
W22	1/2	4	I	7'-3		7'-3	
W23	1/2	4	I	7'-11		7'-11	
W24	1/2	4	I	8'-7		8'-7	<p style="text-align: center;">Type VII</p>
W25	1/2	4	I	9'-4		9'-4	
W26	1/2	4	I	10'-0		10'-0	
W27	1/2	8	I	10'-6		10'-6	
W28	1/2	4	I	2'-8		2'-8	
W29	1/2	4	I	3'-4		3'-4	
W30	1/2	4	I	4'-6		4'-6	
W31	1/2	4	I	5'-2		5'-2	
W32	1/2	4	I	5'-10		5'-10	
W33	1/2	4	I	6'-6		6'-6	
W34	1/2	4	I	7'-2		7'-2	<p style="text-align: center;">Type VIII</p>
W35	1/2	4	I	7'-11		7'-11	
W36	1/2	4	I	8'-7		8'-7	
W37	1/2	4	I	9'-3		9'-3	
W38	1/2	4	I	10'-0		10'-0	
W39	1/2	4	I	10'-8		10'-8	
W40	1/2	8	I	11'-2		11'-2	<p style="text-align: center;">Type IX</p>
W41	1/2	24	II	1'-3		5'-3	
W42	3/4	54	II	1'-3		5'-3	
d1	5/8	8	I	28'-6		28'-6	<p style="text-align: center;">Type X</p>
d2	1/2	58	III			5'-5	
d3	1/2	58	III			4'-9	
H1	1/2	8	IX	5"	4'-0	8'-5	
H2	6ga	28	X	6"	1'-6	4'-6	
H3	1/2	12	IX	3"	3'-9	7'-9	
H4	6ga	24	X	3"	3"	1'-6	

Vincent County Council
Donnelly's Road Bridge

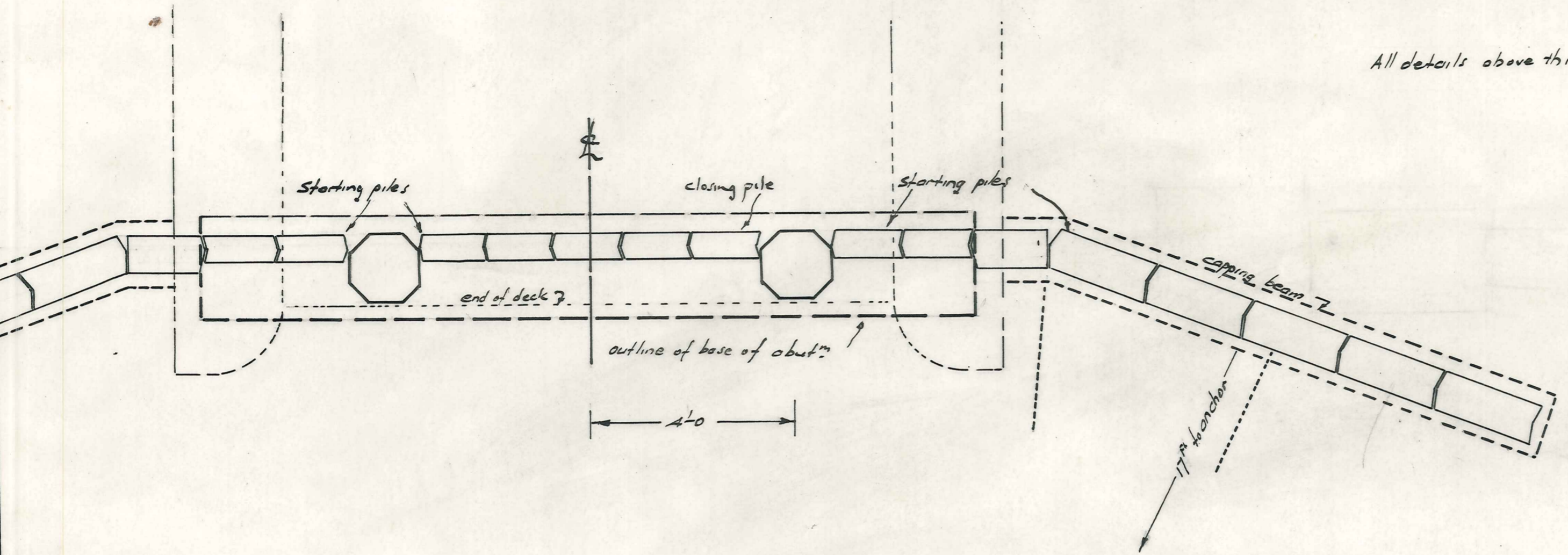
Duffill, Watts and King
Consulting Engineers
2694/3

Tie rods hooked / end.
 other ends cut LH & RH threads.
 Join with turnbuckle.
 Tie rod to be treated with "Danro"
 inhibiting paste & wrapped with Danro wrapping

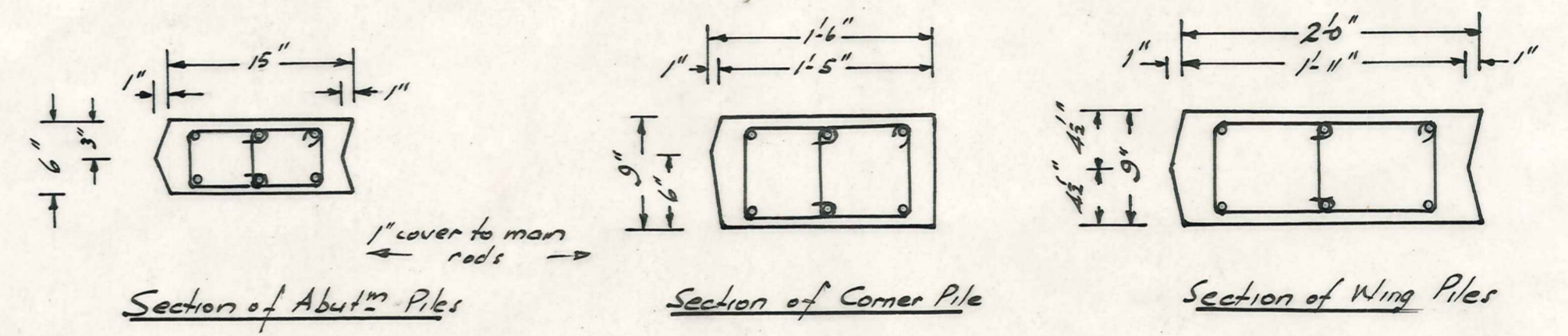
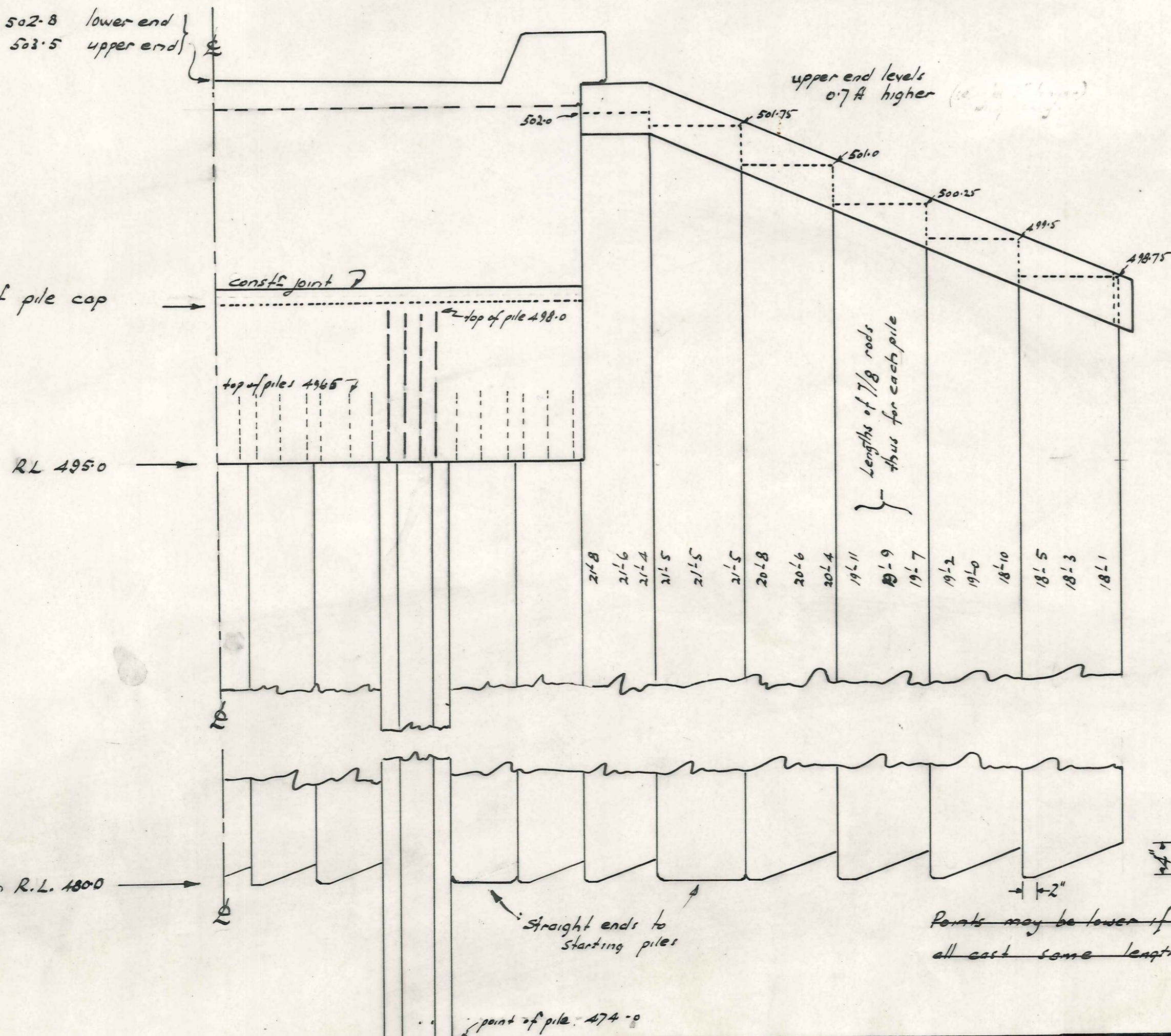
11 pairs of W2
 4 " " W4 & W6
 1 " " W3 & W7
 5 " " extra rods



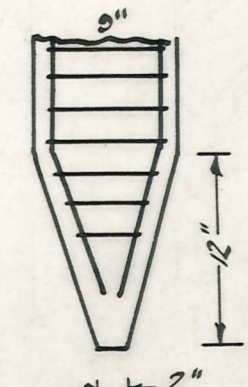
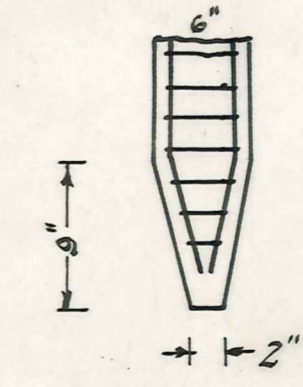
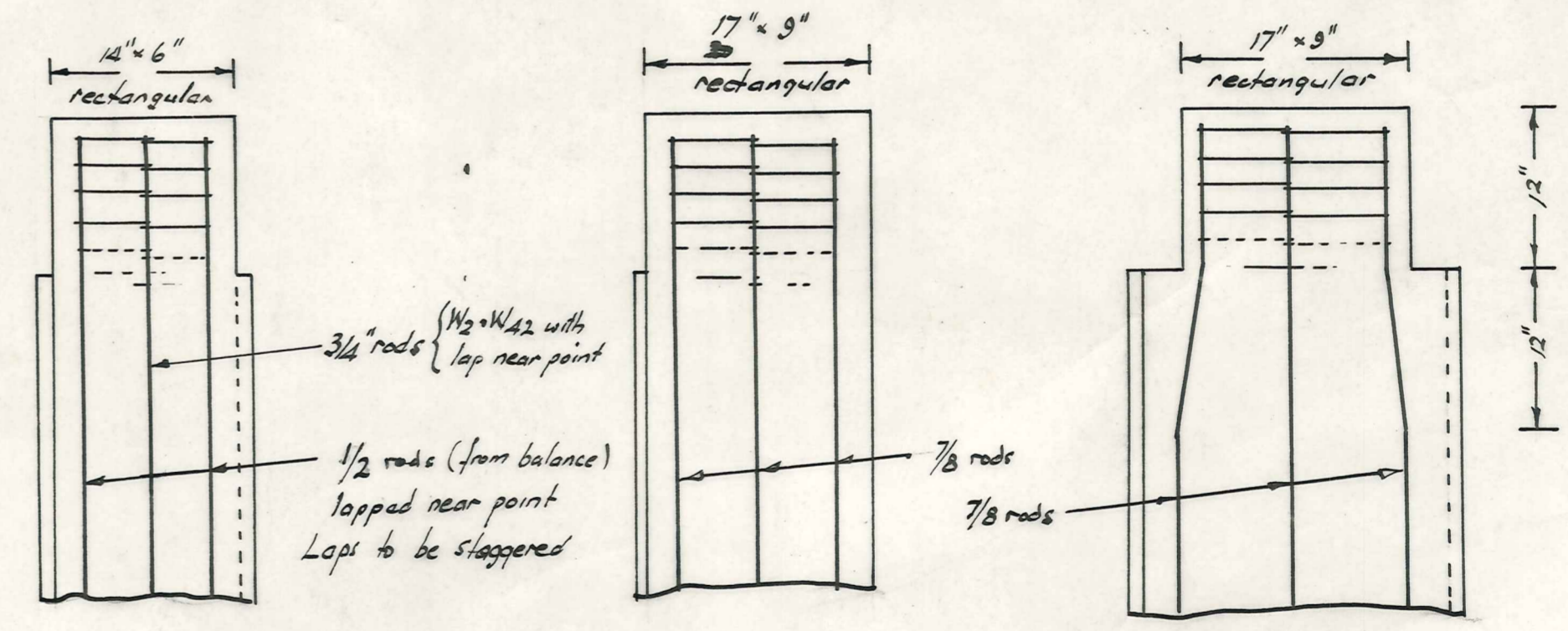
All details above this level as for 2694/2



RL 502.8 lower end
 RL 503.5 upper end



All tier of 6 ga: 2\" cc for 3' top & bottom then: Small piles: 4\" cc for balance Large piles: 4\" cc for next 3' top & bottom 6\" cc for balance



Detail of Points (No shoes)

Note: Cast in lifting eye 6'-6\"/>
 from top and touch both eyes as reqd for driving

Points not higher than R.L. 480.0

Straight ends to starting piles
 Points may be lower if wing piles all cast same length.

Scales: 1/2\"/>
 and 1\"/>
 to 1\"/>

VINCENT COUNTY COUNCIL

DONNELLYS CREEK BRIDGE

DUFFILL, WATTS & KING CIVIL ENGINEERS AND SURVEYORS DUNEDIN and INVERCARGILL		NAME Duffill	DATE Nov '58	JOB NO. 2694/4.
SURVEYED BY	DRAWN BY	CHECKED BY	FILE NO.	
			2/4/58	