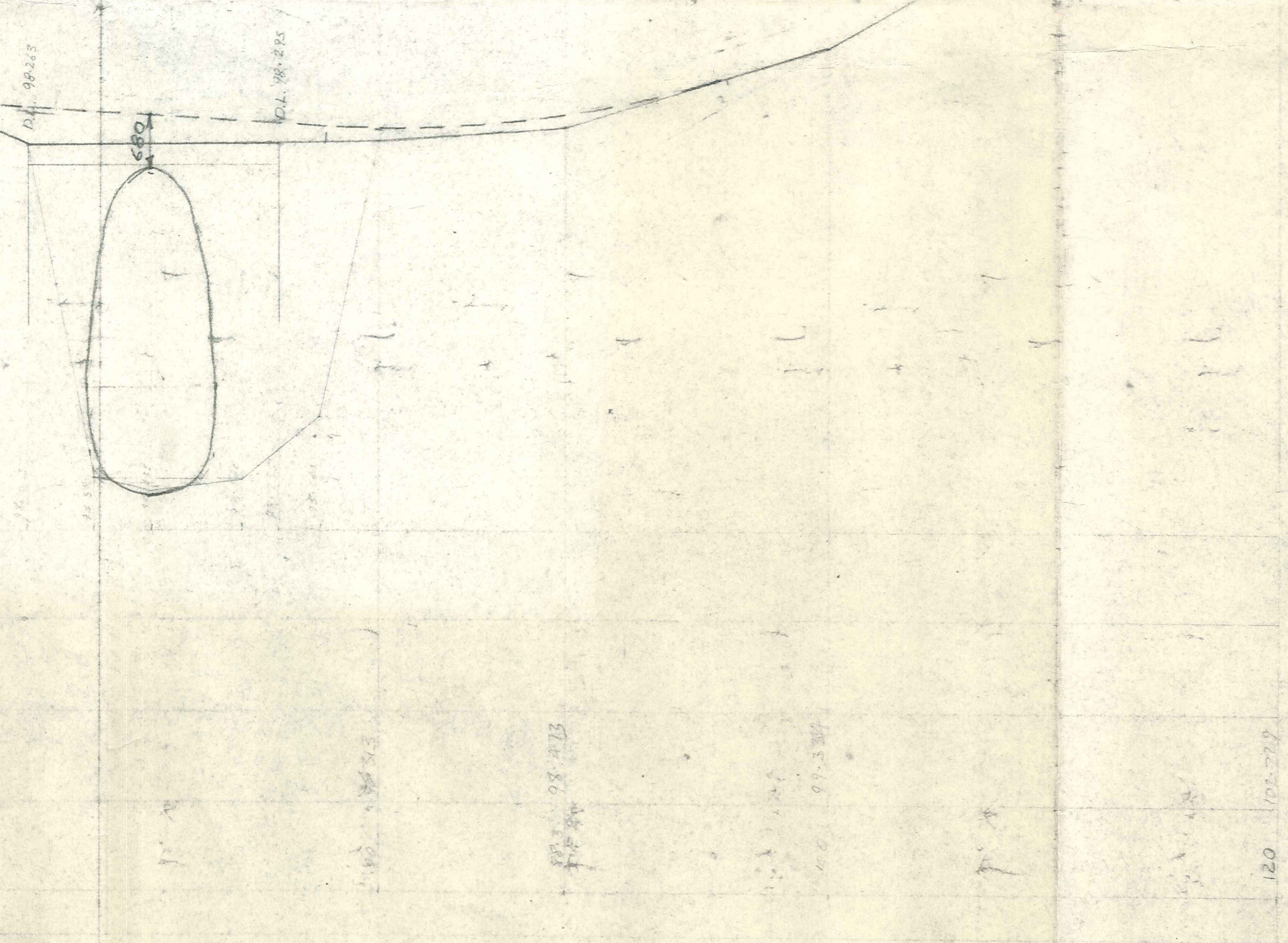


H.L. 15 BEVEL 94.578      BED LEVEL 94.433  
 H.L. 121 UPSTREAM 95.010      BED LEVEL 92.857  
 H.L. 300 DOWNSTREAM 92.759      BED LEVEL 92.359  
 FLOOD LEVEL TAKEN 50M DOWNSTREAM  
 FROM TRANSVERSE LINE R.L. 95.424  
 STREAM GRADIENT DOWNSTREAM 1 IN 46.88  
 STREAM GRADIENT UPSTREAM 1 IN 162.04  
 AVERAGE STREAM GRADIENT 1 IN 68.027  
 OTAGO CATCHMENT BOARD SCALE 10 MACH. R.L. 95.214

PLAN  
SCALE 1:200



SCALES - HORIZ. 1:200  
 VERT. 1:50

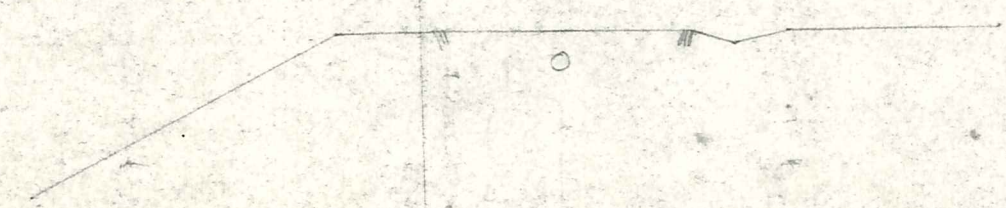
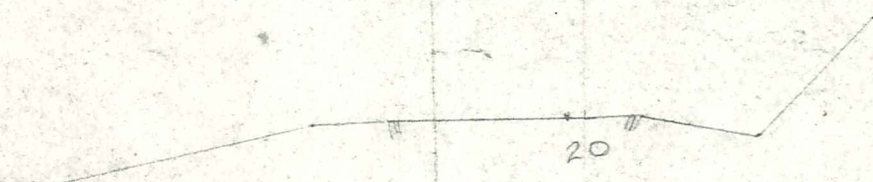
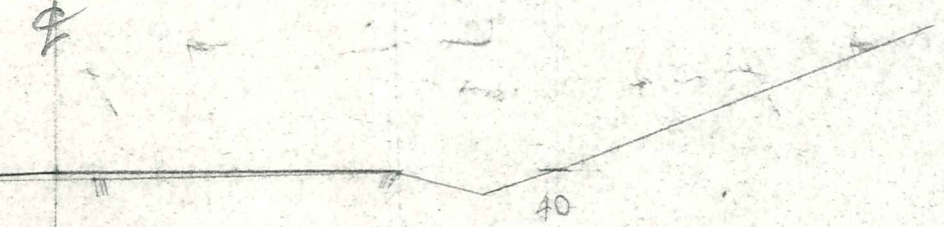
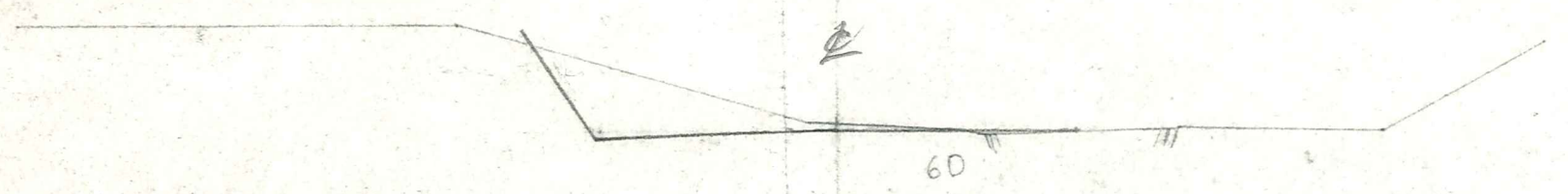
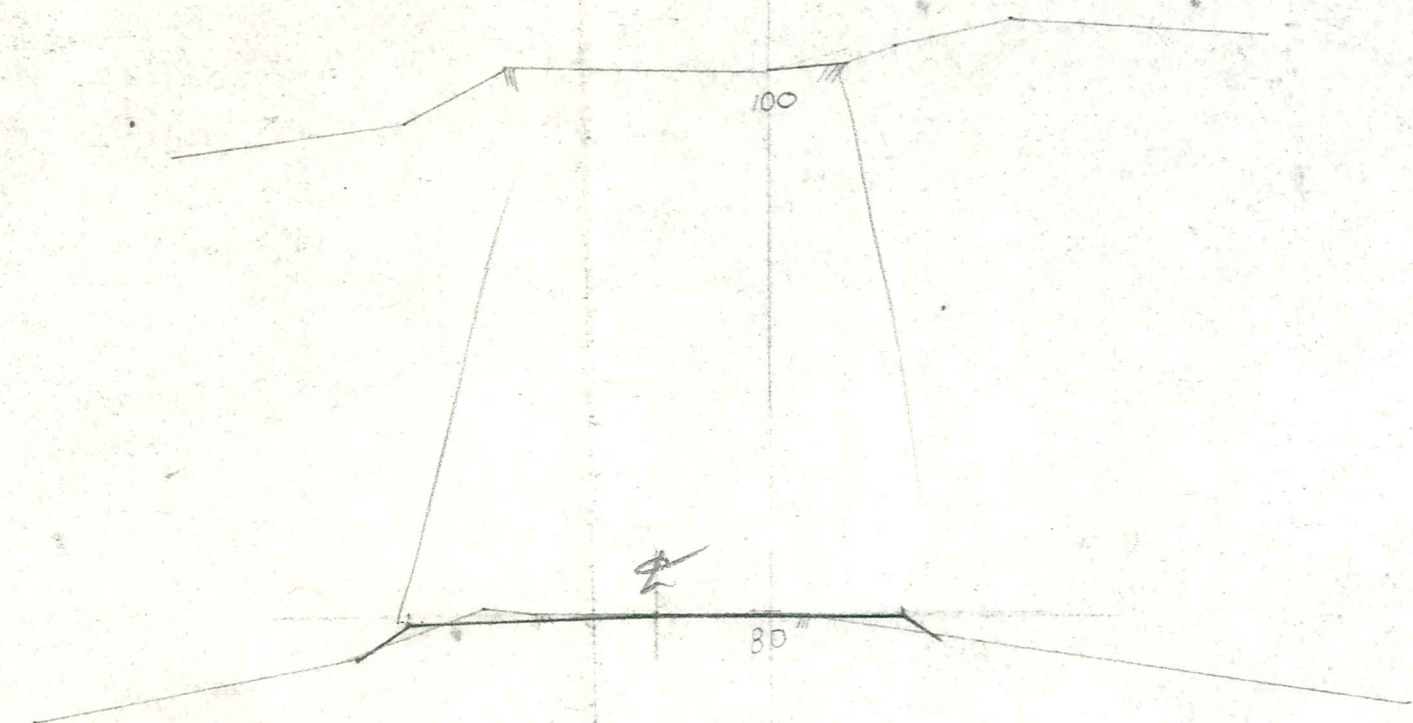
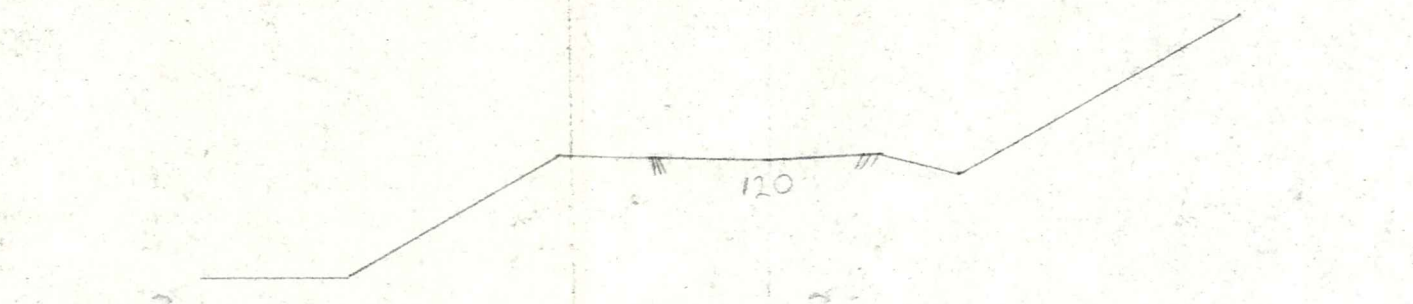
V.C.C.

HAWKS BURN BRIDGE

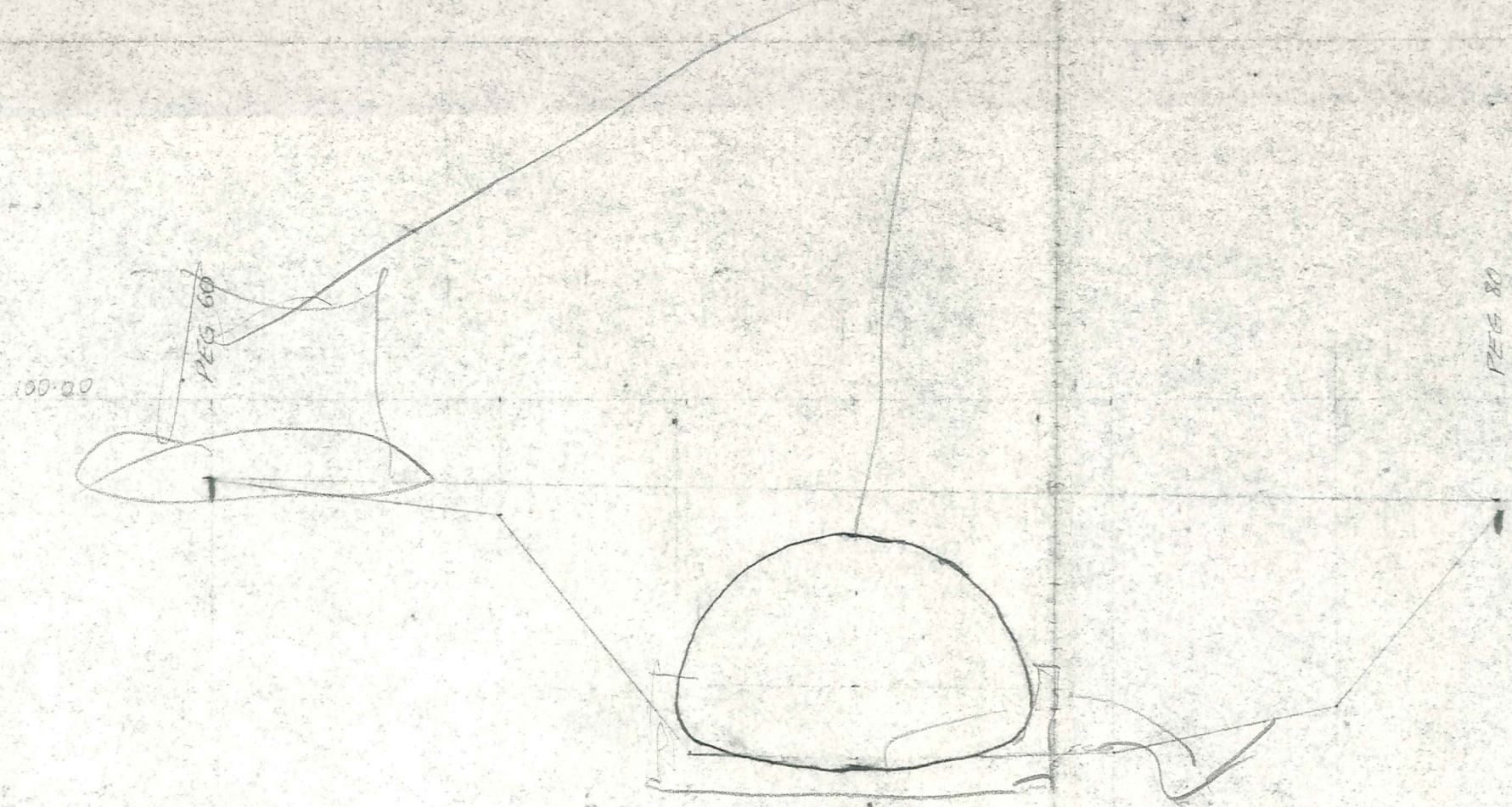
P. COLDCRETT 17/1/80

7989	1
156	413

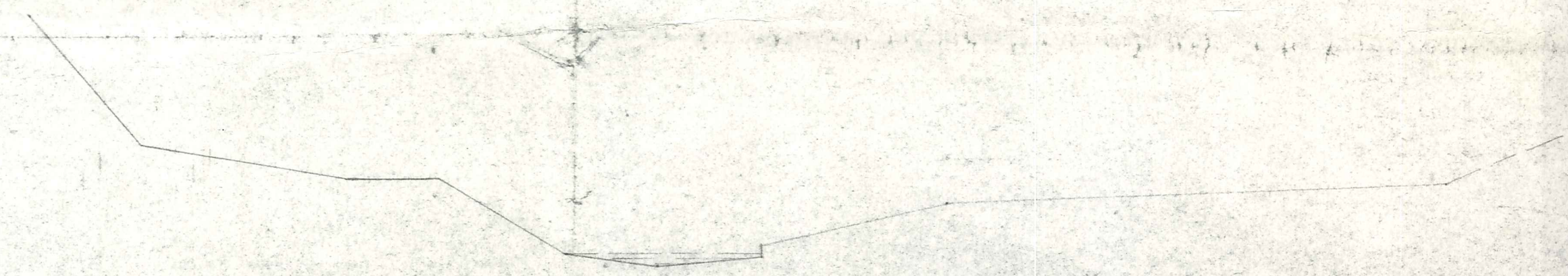




ROAD CROSS SECTIONS  
SCALE 1:100



STREAM SECTION ALONG TRANSVERSE LINE  
SCALE 1:100



TYPICAL STREAM SECTION  
SCALE 1:100  
TAKEN 52M DOWNSTREAM FROM TRANSVERSE LINE  
LOOKING UPSTREAM



TYPICAL STREAM SECTION  
SCALE 1:100  
TAKEN 10M UPSTREAM FROM TRANSVERSE LINE  
LOOKING UPSTREAM

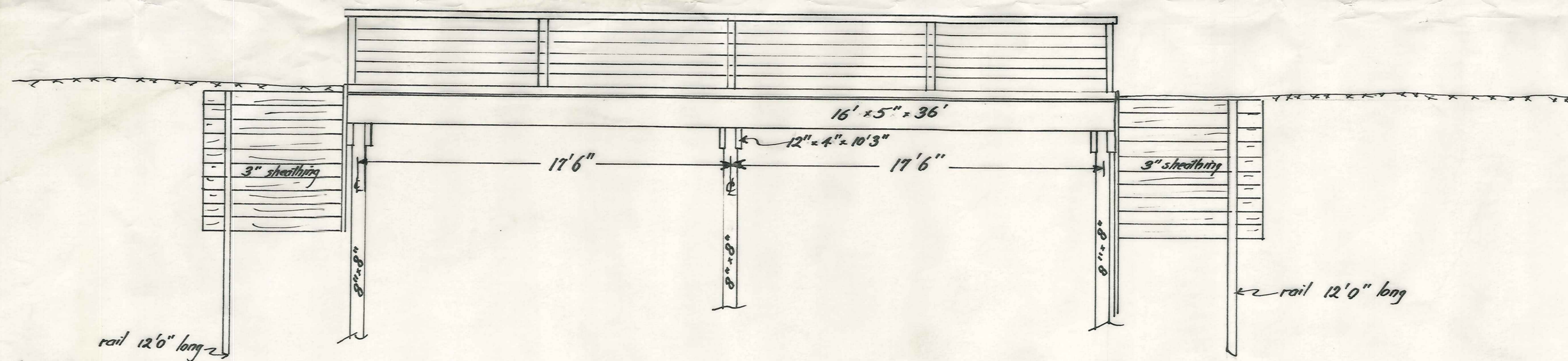
V.C.C

HAWKS BURN BRIDGE

7989 2

156 413

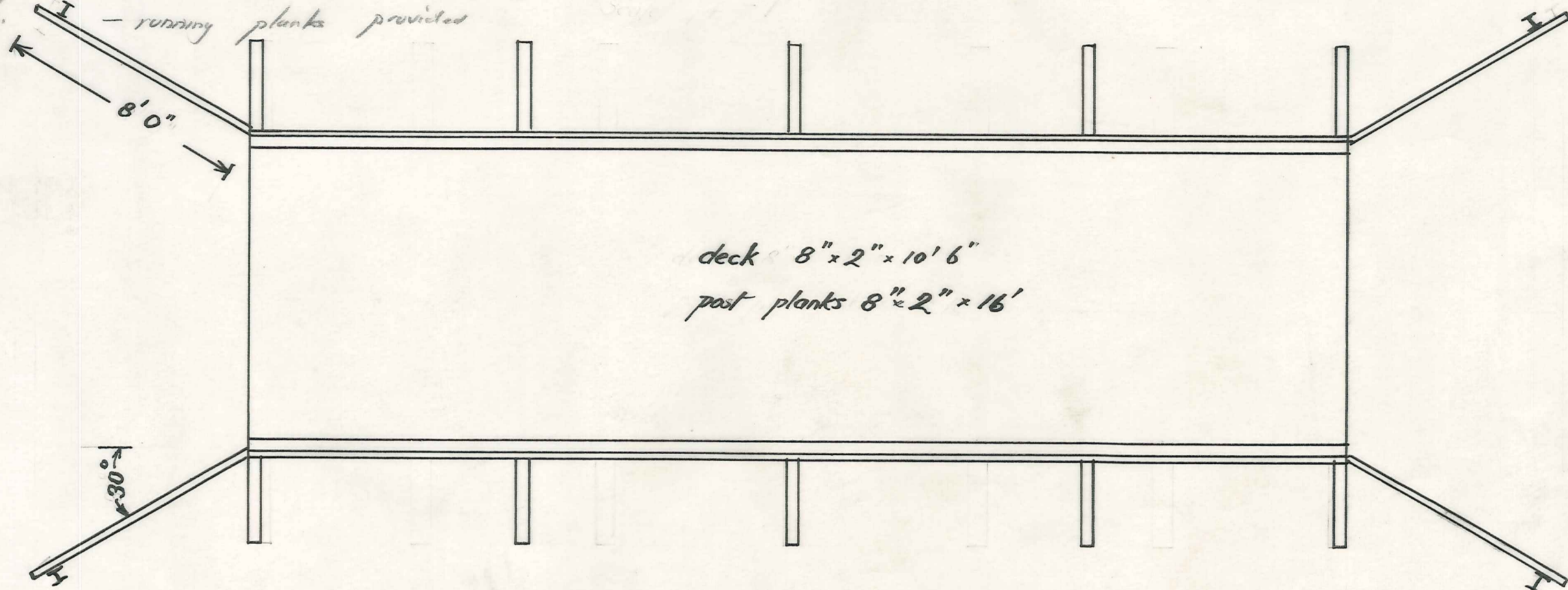




Elevation

scale 1/4" = 1'

As Built:  
 booms this end on concrete  
 still not piles as shown  
 piles all driven to refusal  
 & may be considered to be  
 on rock.  
 - running planks provided

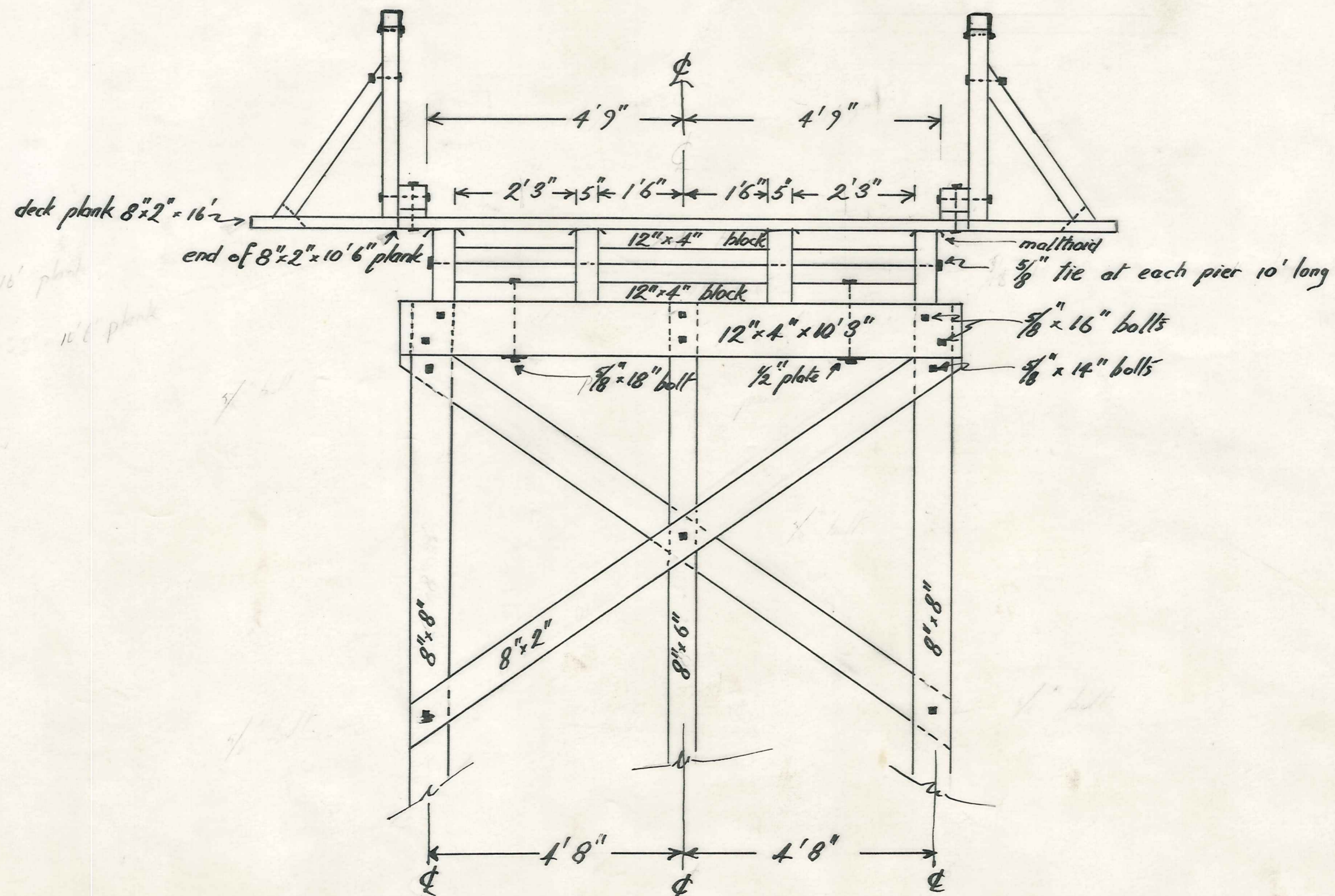


Plan

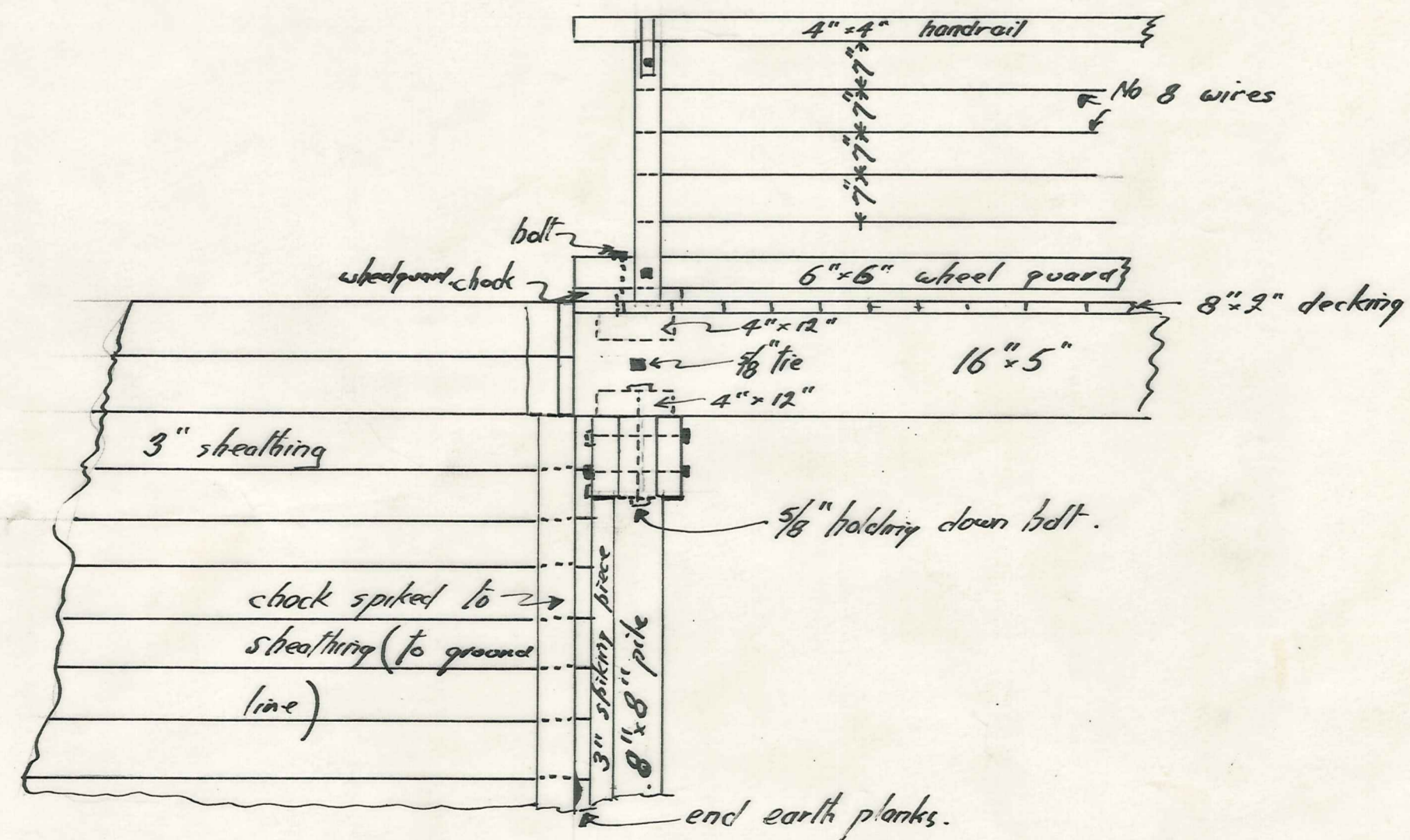
scale 1/4" = 1'

MATERIALS

ITEM	DESCRIPTION	QUANTITY
1	16" x 5" x 36' M.H.H. stringers	4
2	8" x 8" x 23' " piles	6
3	8" x 6" x 23' " "	3
4	40 lb. pile shoes	9
5	12" x 4" x 10' 3" M.H.H. walings	6
6	6" x 6" wheelguards	72 ft
7	8" x 2" x 10' 6" deck planks	50
8	8" x 2" x 16' " "	5
9	Railway Iron	50'
10	8" x 3" x 8' sheathing	40 sq ft
11	8" x 3" x 10' " "	20
12	4" x 4" M.H.H. handrail	72'
13	4" x 4" x 3' 6" posts	10
14	4" x 3" x 3' 6" stays	10
15	8" x 2" planking	100 ft
16	1/2" x 13" strainers	8



Pier Detail 1/2" = 1'



Abutment Detail  
 scale 1/2" = 1'

locality 4.05 mile past Nevis Rd corner toward Hawksburn Station.

Hawksburn Bridge

W. Seely  
 COUNTY ENGINEER  
 3 SEP 1904

SURVEYED BY	NAME	DATE
W. Seely		

206/5