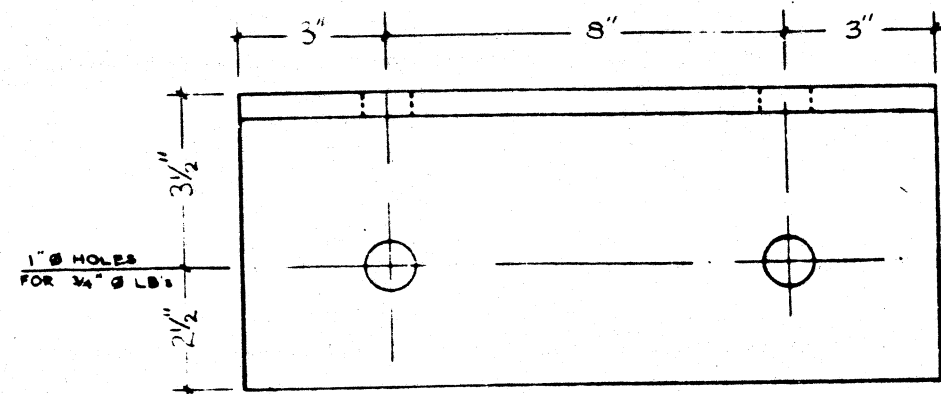
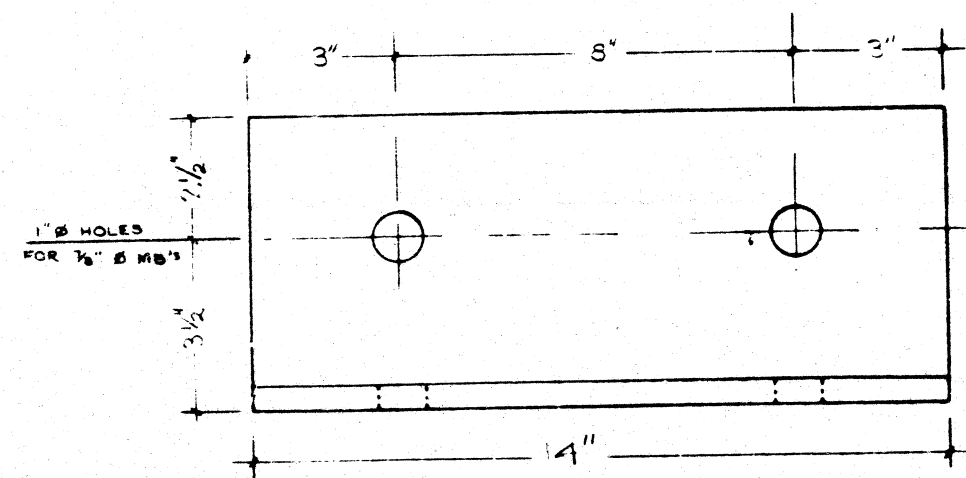
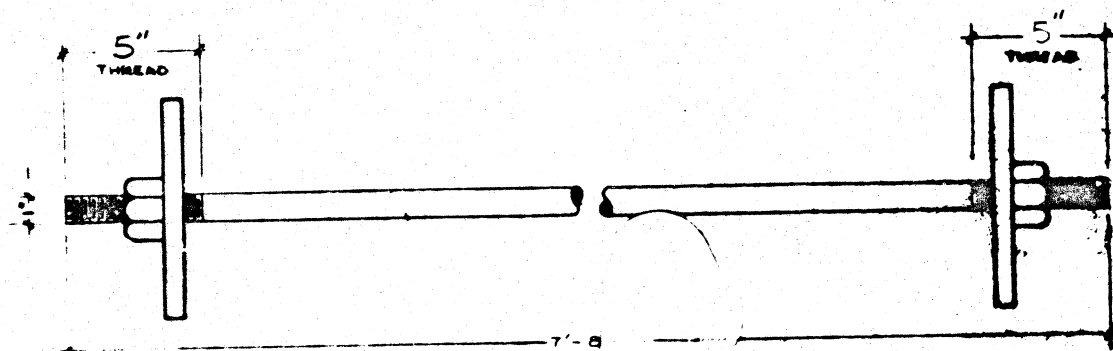


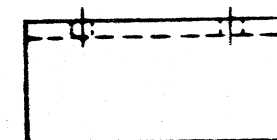
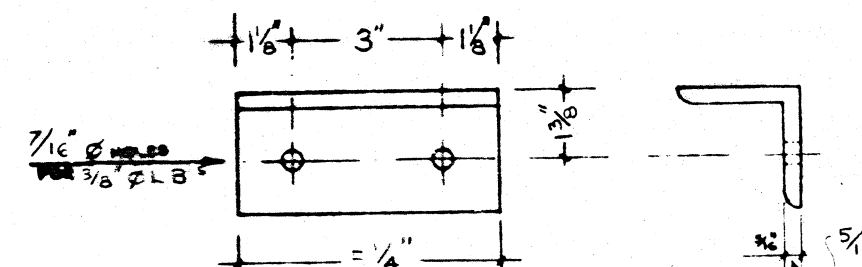


BEARING ANGLE
 $L 6 \times 6 \times 1/2 = 14"$ (12 REQ'D)
 SCALE: $1/8"$ TO $1"$



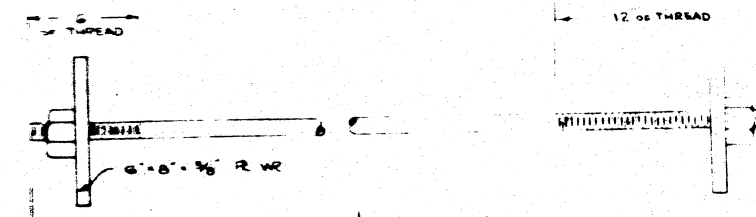
DIAPHRAGM TIE ROD ASSEMBLY

$1/2 \times 7 \times 5$ TIE ROD WITH 5" THREAD BOTH ENDS
 $2 \times 6 \times 1/2 \times 1/2$ PLATE WASHERS WITH A CENTER HOLE OF $1 1/16 \phi$
 2 - HEAVY HEX. NUTS
 NO SCALE
 (16 REQ'D)



DIAPHRAGM SEAT ANGLE

$L 2 \times 2 \times 1/4 = 0'-3 1/4"$ (16 REQ'D)
 SCALE: $1/8"$ TO $1"$



ANCHOR TIE ROD ASSEMBLY

$3/4 \times 5$ TIE ROD 15' 0" L (3 REQ'D)
 $1/2 \times 5$ TIE ROD 20' 0" L (7 REQ'D)
 $6 \times 6 \times 1/2$ PLATE WASHERS WITH $3/16$ CENTRE HOLE (6 REQ'D)
 HEAVY HEX NUTS (20 REQ'D) (16 REQ'D)
 NO SCALE

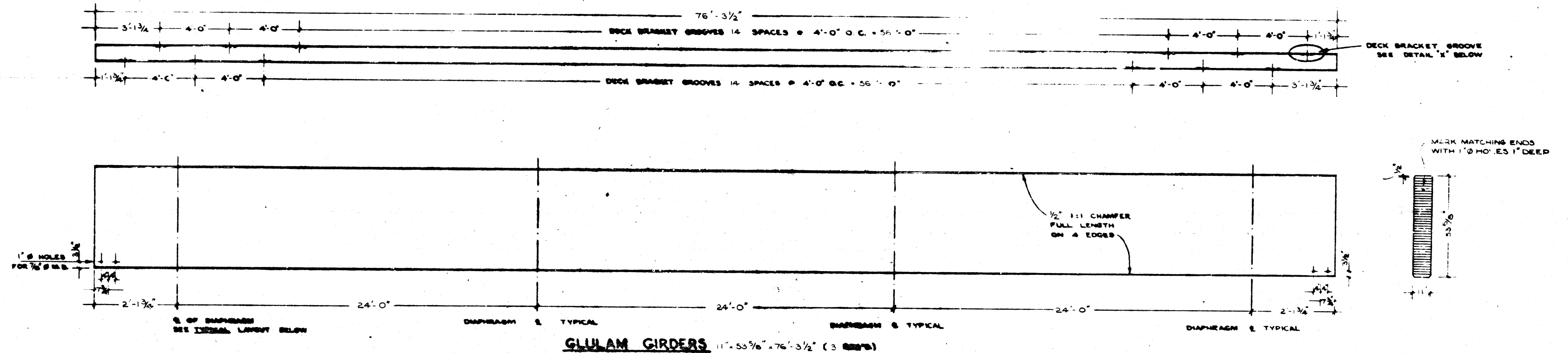
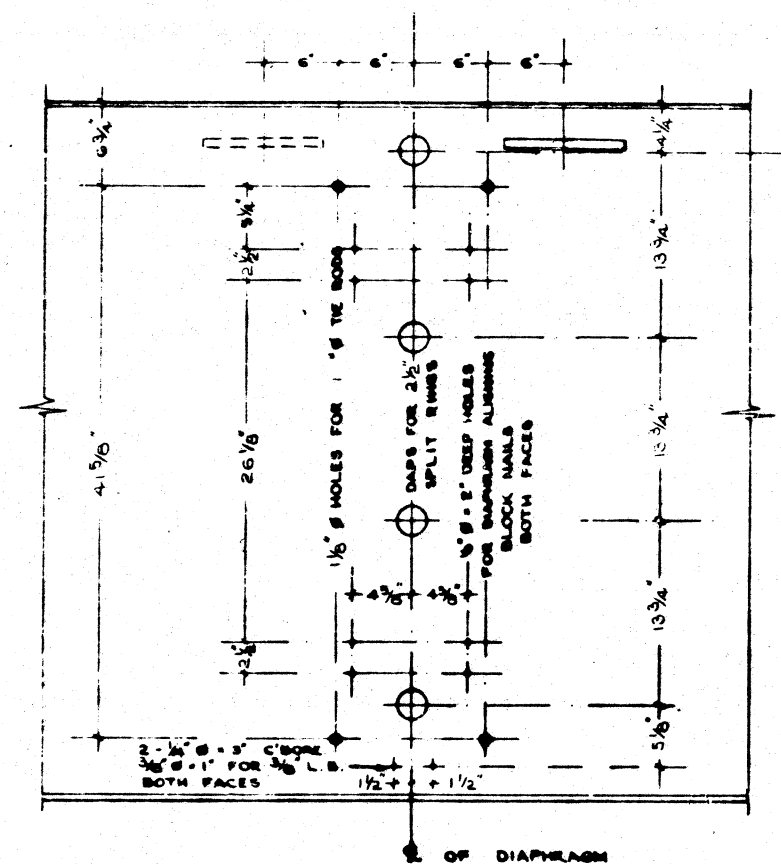
NOTE

ALL STEEL TO BE GALVANIZED

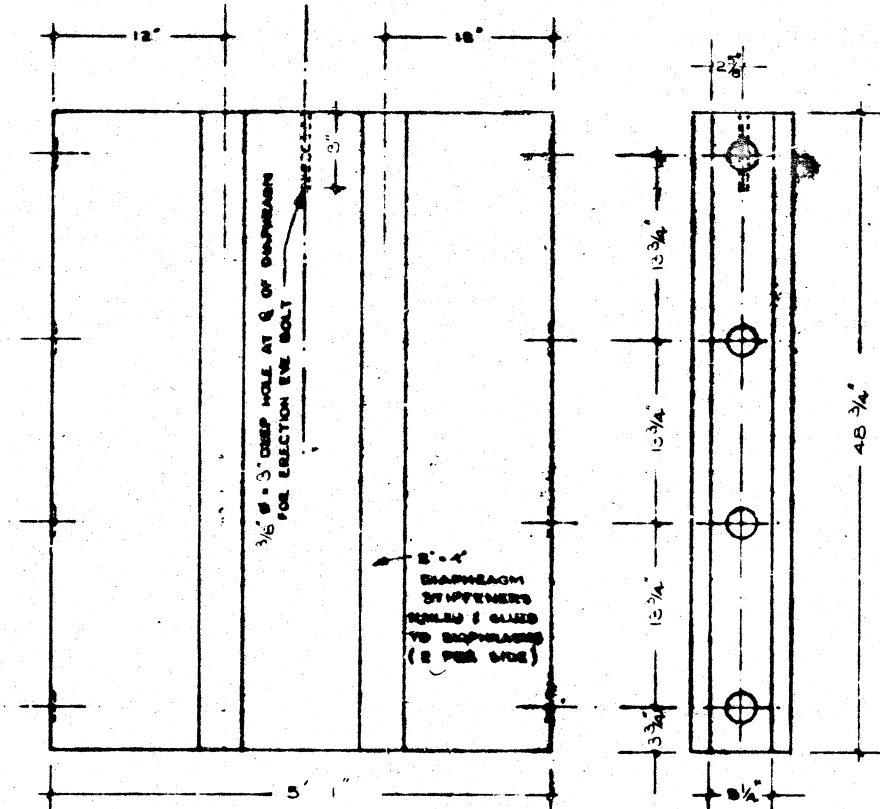


NO.	REVISION, ETC.	DATE	FILE	PROJECT
PROVINCE OF BRITISH COLUMBIA - DEPARTMENT OF LANDS AND FORESTS				
FOREST SERVICE, VICTORIA, B.C. - ENGINEERING SERVICES DIVISION				
FRANCOIS LAKE - TAHTSA LAKE RD. M 74.8 NADINA RIVER BRIDGE				
STEEL DETAILS				
FILE NO. 0206561	DESIGN BY	DATE	95 D6-5-5	DRAWING NO.
REVISION 4442	APPROVED	DATE	MARCH / 63	NO. 5
SCALE AS SHOWN	APPROVED	DATE	MARCH / 63	NO. 5

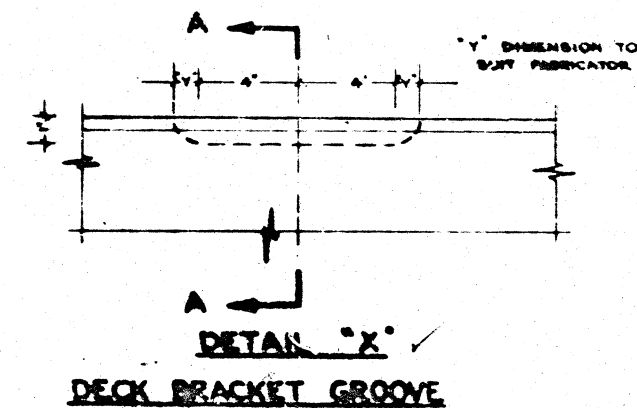
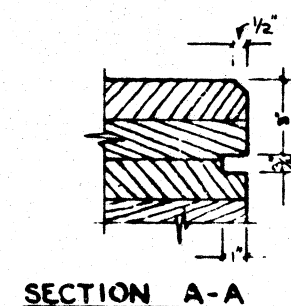
34966



TYPICAL LAYOUT ON GIRDER
AT DIAPHRAGM 2

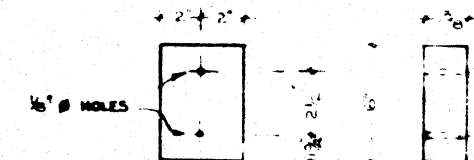


GLULAM DIAPHRAGM
5' x 48 3/4" x 5'-1" (3 REQ'D)



GENERAL NOTES

1. ALL DIMENSIONS FOR HOLES ARE TYPICAL
2. LAYUP SHALL BE IN ACCORDANCE WITH C.S.A. 0122-1959
STRESS GRADE 24F EXCEPT THAT THE TOP & BOTTOM
LAMINATIONS SHALL BE GRADE A CLOSE
3. DRAWING IS NOT TO SCALE
PROVIDE A PARABOLIC CAMBER ON GIRDERS WITH A
CENTRE ORDINATE OF 2 1/4"

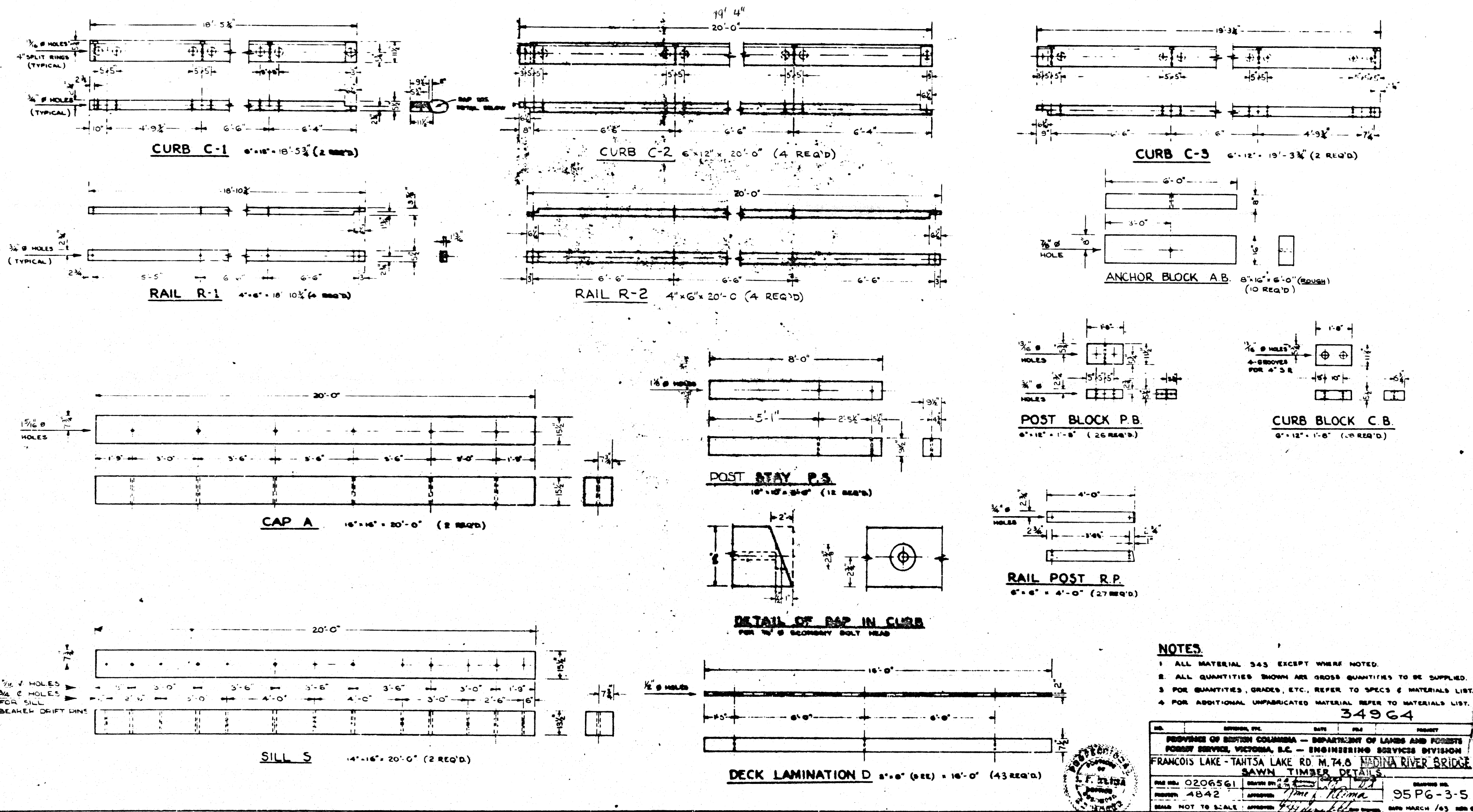


DIAPHRAGM ALIGNING BLOCK

CUT FROM 2" x 4" x 6" (32 REQ'D)

34965

NO.	REVISION, ETC.	DATE	FILE	PROJECT
PROVINCE OF BRITISH COLUMBIA - DEPARTMENT OF LANDS AND FOREST FOREST SERVICE, VICTORIA, B.C. - ENGINEERING SERVICES DIVISION				
FRANCOIS LAKE - TAILNA LAKE RD. M748 NADINA RIVER BRIDGE				
GLULAM DETAILS				
DRAWING NO.	95P6-4-5			
DATE	MARCH / 63			
DESIGNER	L.F. FLISA			
CHECKED	J. J. J.			
APPROVED	J. J. J.			
SCALE	NO SCALE			

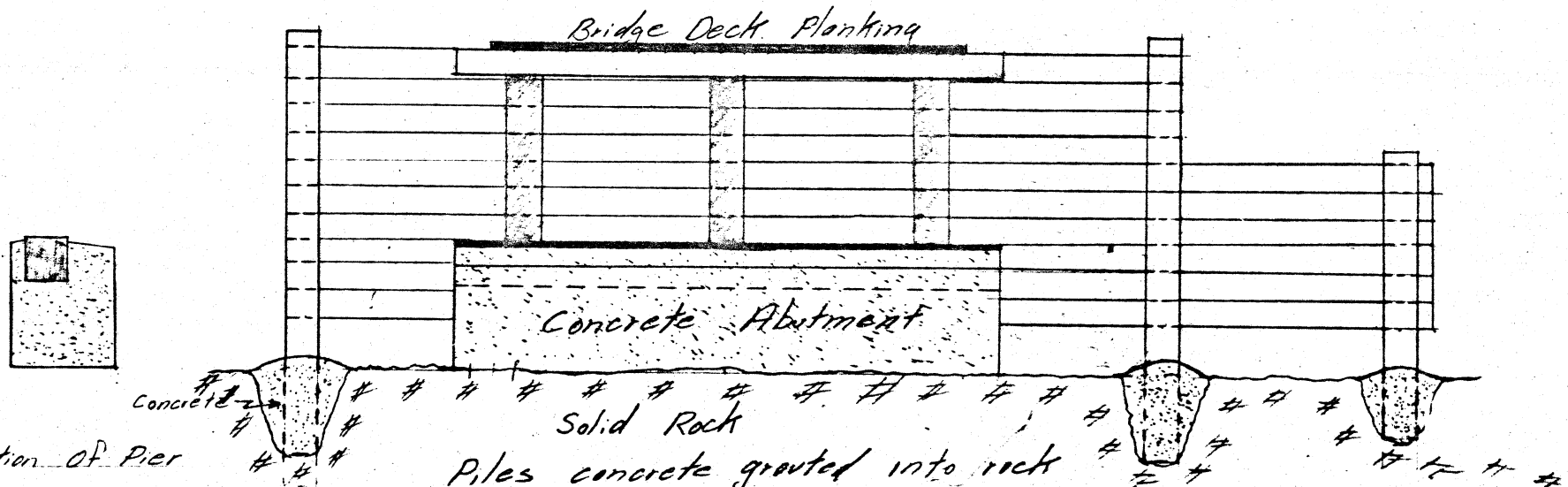


NADINA RIVER BRIDGE

End View N.E. Foundation

16/7/64

Scale 1" = 5'



Piles concrete grouted into rock
Curbs, rails and rail posts not shown
Concrete abutment was doweled into the rock.
Abutment was reinforced.

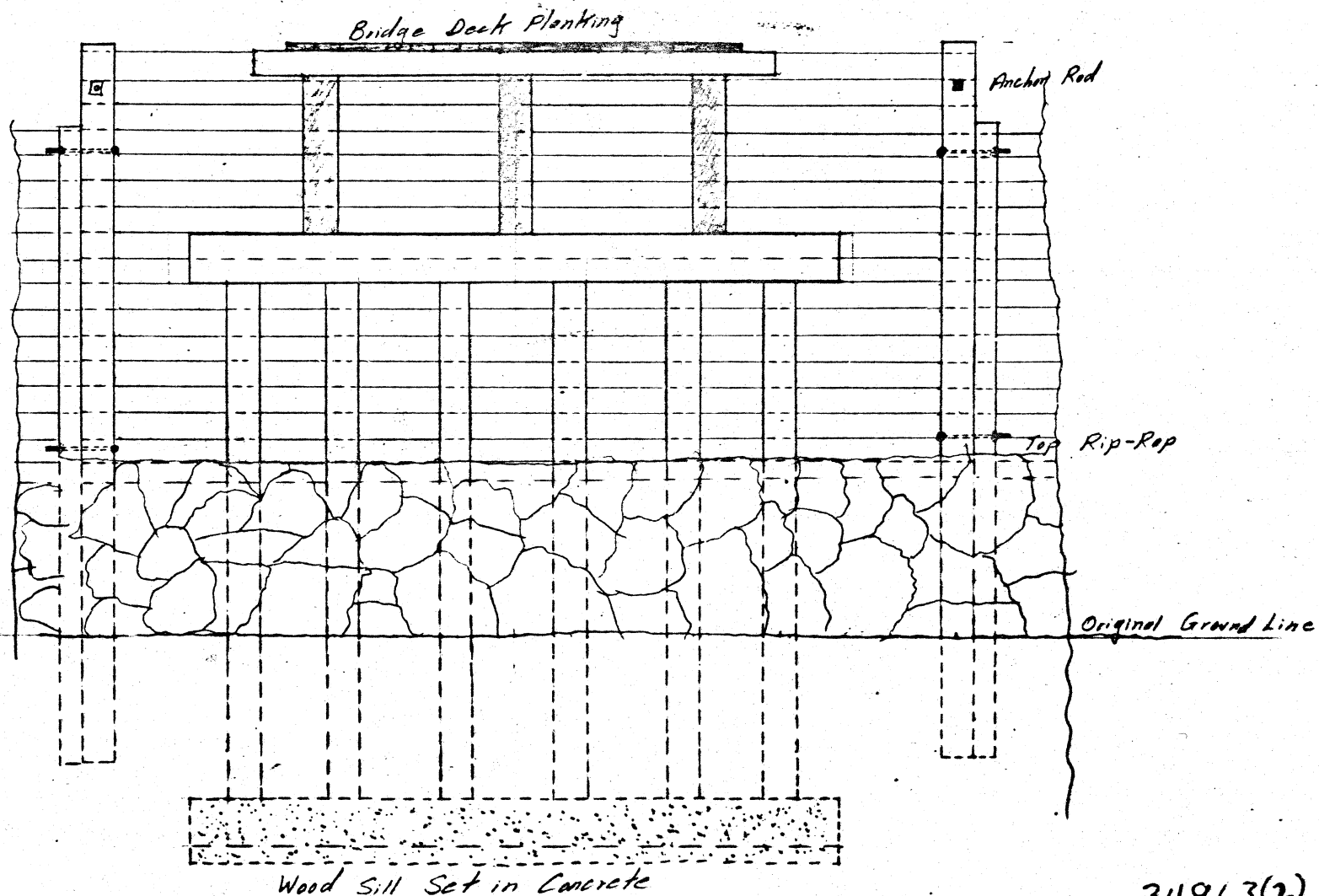
34963(3)

NADINA RIVER BRIDGE

End View S.W. Foundation

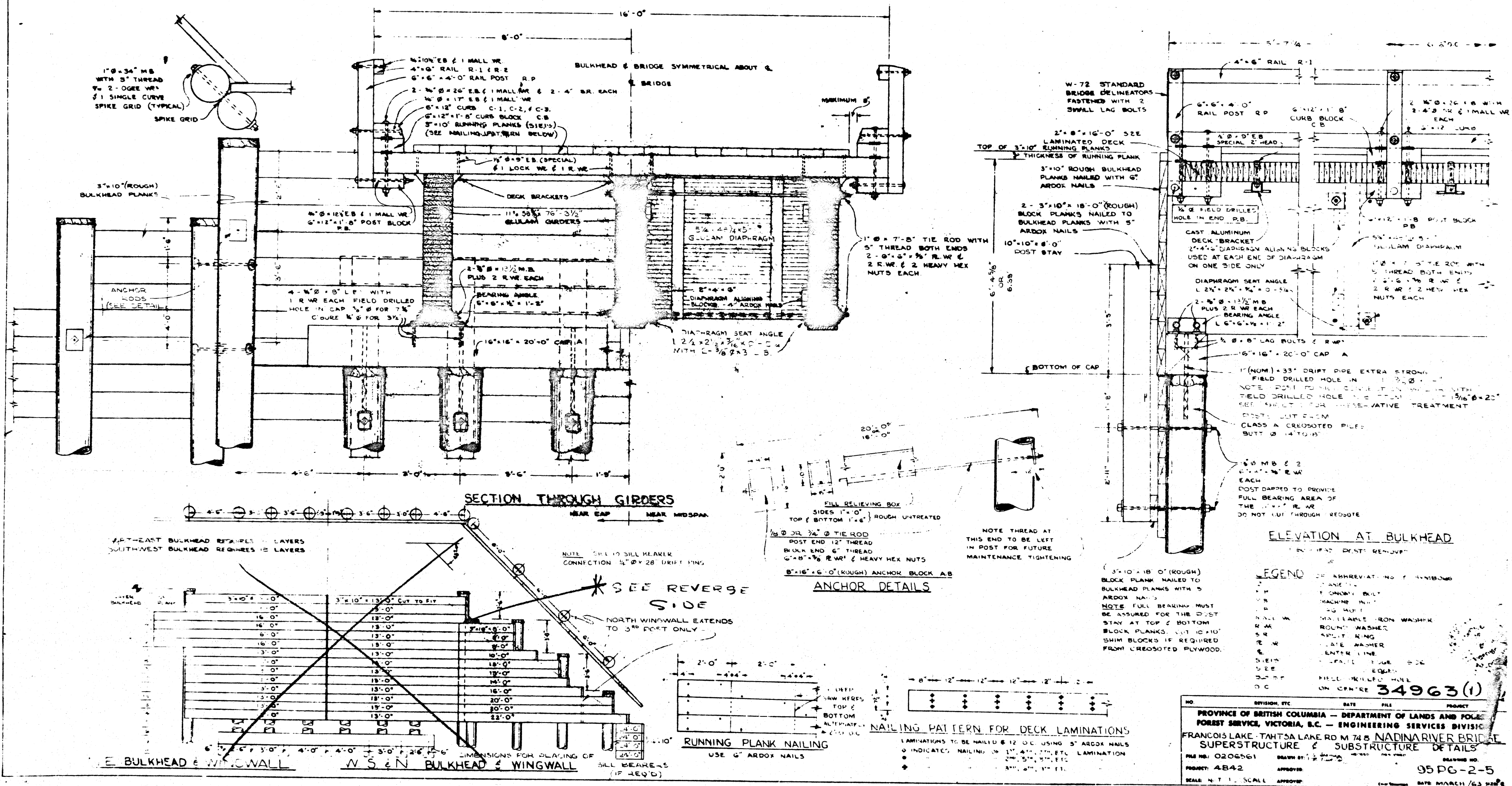
16/7/64

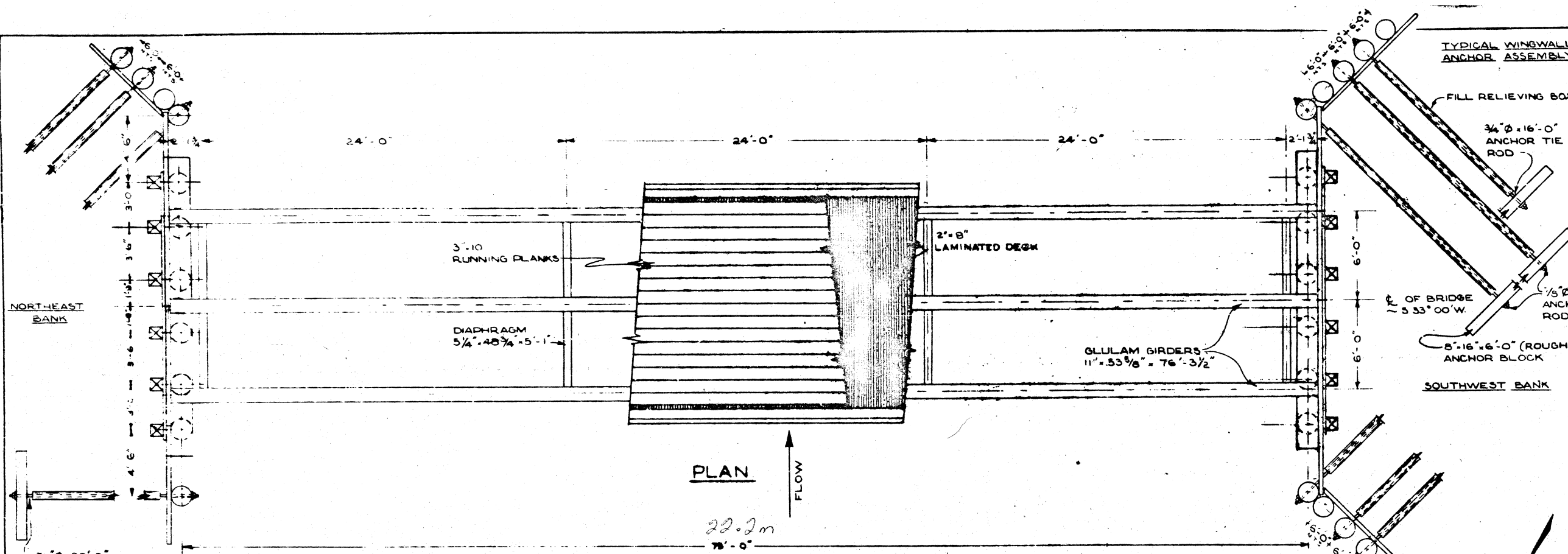
Scale 1" = 5'



34963(2)

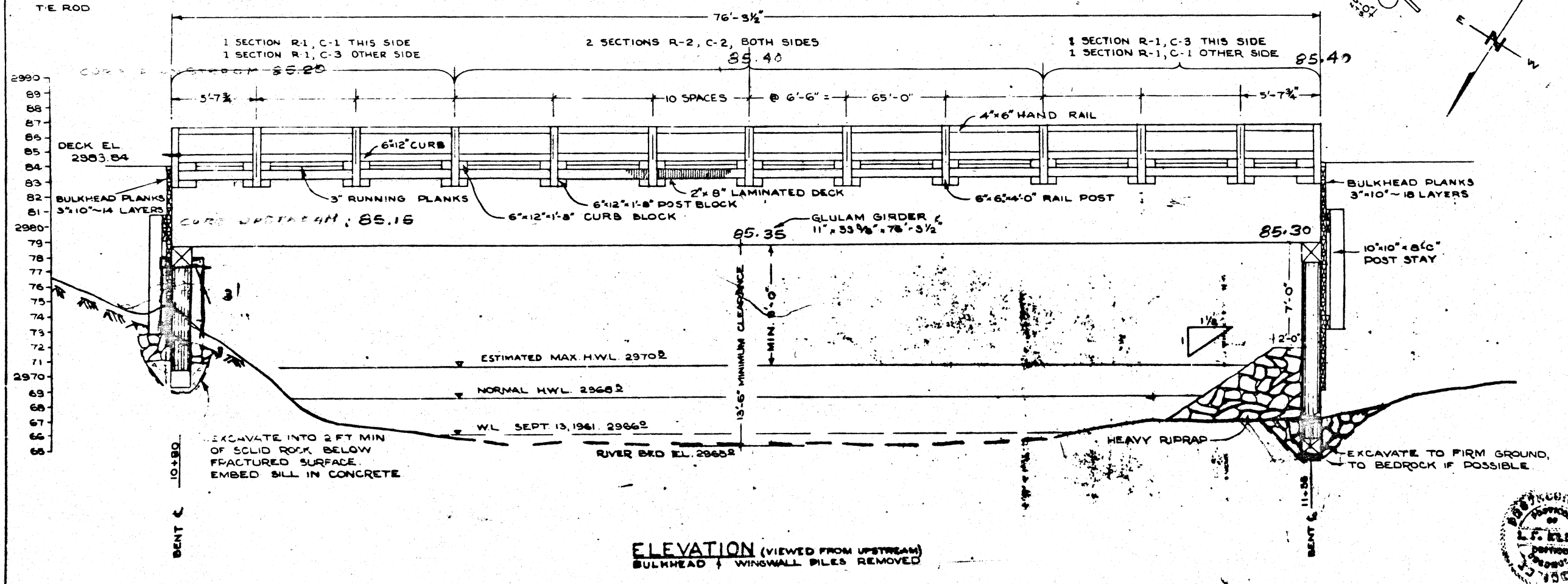
Note: Wingwalls built according to plan
except as shown on Site-plan.





NOTES

1. A NEW PROFILE SHALL BE RUN AT THE TIME OF CONSTRUCTION AND LOCATION ELEVATIONS CHECKED AGAINST THIS SURVEY. PARTICULAR NOTE WILL BE TAKEN OF THE RIVER BED TO GIRDLE CLEARANCE.
2. ALL TIMBER MEMBERS WITH THE EXCEPTION OF THE DECK RUNNING PLANKS & FILL RELIEVING BOXES ARE TO BE PRESSURE CREOSOTED.
3. PRESERVATIVE TREATMENT
 ALL JOINTS & LAMINATIONS: TWO COATS OF HOT CREOSOTE
 HOLES: 2 COATS OF HOT CREOSOTE. USE PRESSURE GUN ON POSTS
 POST CUT-OFF: APPLY TWO COATS OF HOT CREOSOTE, COVER HEADS WITH IRISH SHIP FELD, SATURATE THE FELT WITH HOT CREOSOTE, THEN COVER WITH AN ALUMINUM CAP NAILED TO THE SIDE OF THE POST WITH ROOFING NAILS.
 PIPE DRIFT HOLES: BOTTLE BRUSH TREATED WITH HOT CREOSOTE BEFORE DRIVING OF THE PIPE DRIFT. AFTER DRIVING, FILL THE PIPE SEVERAL TIMES WITH HOT CREOSOTE, THEN PLUG PIPE HOLE WITH ROOFING CEMENT.
4. BACKFILL
 MATERIAL MUST BE A FREE DRAINING COARSE GRAVEL A-1-4 WITH A MAXIMUM FINES CONTENT OF 5%. IT SHALL BE PLACED & COMPACTED IN HORIZONTAL LAYERS APPROX. ONE FOOT THICK (BULLDOZER)
5. DESIGN LOAD AXLE LOAD
 L-45 INTERIOR LOGGING TRUCK
 T-30 TRACTOR
6. A SEPARATE UNTREATED POST SHALL BE PLACED IN A LOCATION TO BE DETERMINED IN THE FIELD. A WATER GAUGE SHALL BE PLACED THEREON.
7. DATUM
 SURVEY BM #2 EL. 2994.2



REFERENCE DRAWINGS:

- 95 P6-2-5 SUBSTRUCTURE & SUPERSTRUCTURE DETAILS
- 95 P6-3-5 SAWN TIMBER DETAILS
- 95 P6-4-5 GLULAM DETAILS
- 95 P6-5-5 STEEL DETAILS
- VIII-30-4 SITE PLAN

34962	
NO.	SECTION, ETC.
PROVINCE OF BRITISH COLUMBIA - DEPARTMENT OF LANDS AND FORESTS FOREST SERVICE, VICTORIA, B.C. - ENGINEERING SERVICES DIVISION	
FRANCOIS LAKE TAHTSA LAKE RD M748 NADINA BRIDGE	
GENERAL LAYOUT	
FILE NO. 0206561	DATE 1/1/82
PROJECT 4842	APPROVED [Signature]
SCALE 1/4" TO 1'-0"	APPROVED [Signature]
95 P6-5	