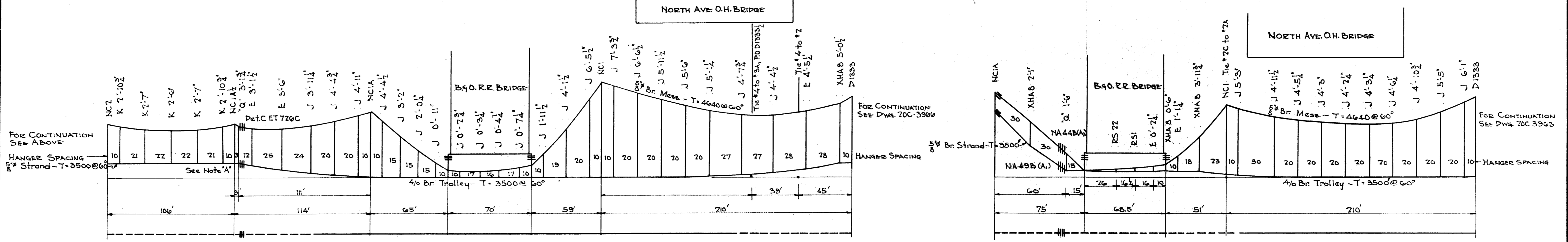


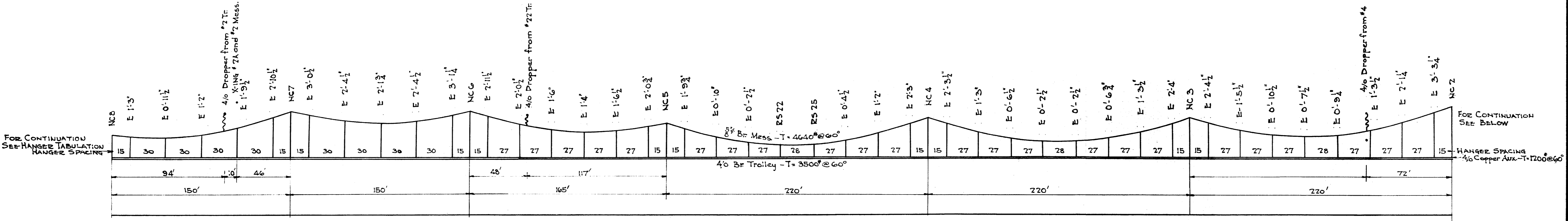
CATENARY PROFILE - WIRE NO. 3A

CATENARY PROFILE - WIRE NO. 4

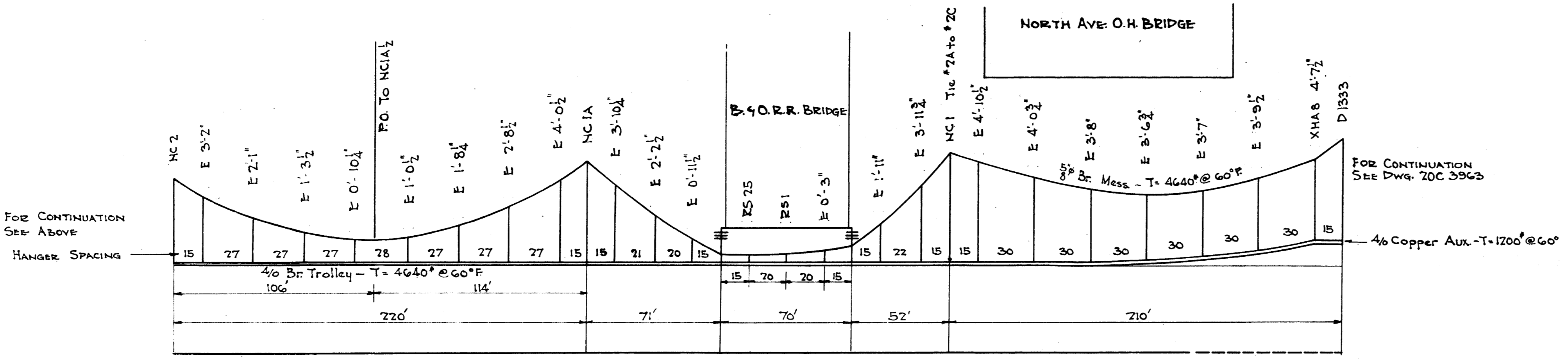


CATENARY PROFILE - WIRE NO. 4

CATENARY PROFILE - WIRE NO. 2C



CATENARY PROFILE - WIRE NO. 2A



CATENARY PROFILE - WIRE NO. 2A

NOTE -  
 PLAN { FULL LINES INDICATE RIDING TROLLEY  
 DOTTED " " NON "

REFERENCE DRAWINGS  
 SECTIONALIZATION PLAN 20C 3007  
 X-OVER AIR BREAK ET 397C  
 WIRING PLAN 20C 3691  
 DEFLECTOR DRAWING ET 787E  
 HANGER ASSEMBLIES ET 419C  
 INSULATOR ASSEMBLIES NA 44(A) 14E III  
 NA 44(B) ET 557E  
 NA 45(A)  
 NA 49(B)

NOTE 'A'  
 USE DET. D ET 720C EXCEPT  
 OMIT { 3 A2 11B 1201  
 1 ND-2 ET 449E ADD { 3 A1 11B 1201  
 15-11 ET 44E 1 S-10 14E 88

APPROVED FOR P. R. R. - P. W. A.  
 ELECTRIFICATION AGREEMENT  
 DATED DEC. 29th, 1938  
**GIBBS & HILL**, ENGINEER  
 BY: *[Signature]*

APPROVED: \_\_\_\_\_ ENG. BRIDGES & BUILDINGS

7		3-21-34		REVISED FOR N.C. R.W.V. PLAN	
1		11-20-34		ORIGINAL	
ISSUE NO.	DATE	CORRECT	REMARKS	SCALE: HOE. 1" = 40' VERT. 1" = 20'	CHIEF OF MOTIVE POWER
GIBBS & HILL CONSULTING ENGINEERS NEW YORK			20C-3980-2	ELECTRICAL ENGINEER	

THE PENNSYLVANIA RAILROAD  
 WILMINGTON-WASHINGTON ELECTRIFICATION  
 NORTHERN CENTRAL RAILWAY  
 CATENARY PROFILES 2A, 2C, 3A & 4  
 PHILADELPHIA