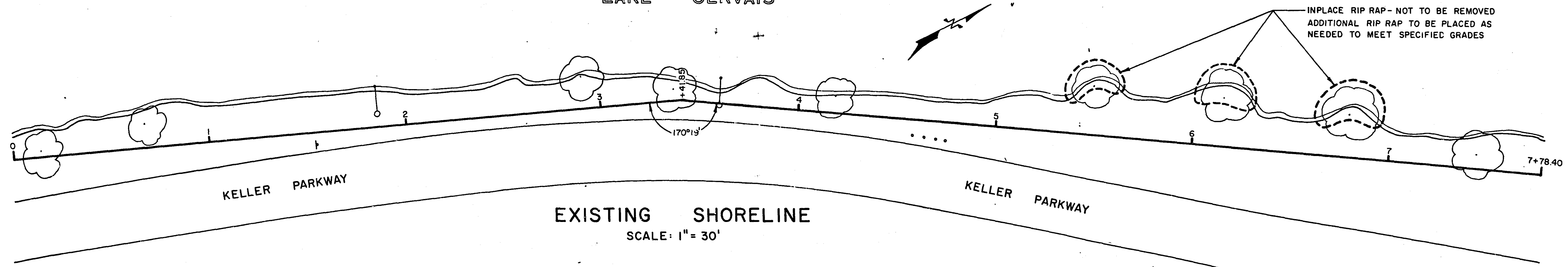


LAKE GERVAIS

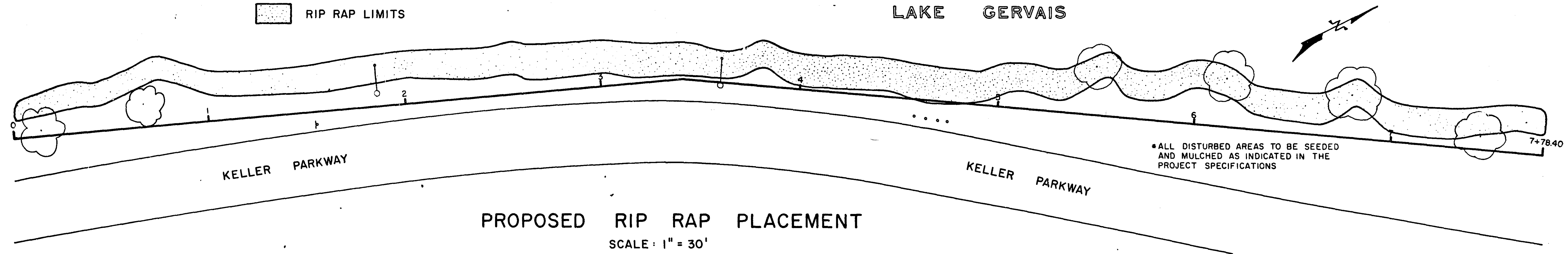


EXISTING SHORELINE

SCALE: 1" = 30'

☐ RIP RAP LIMITS

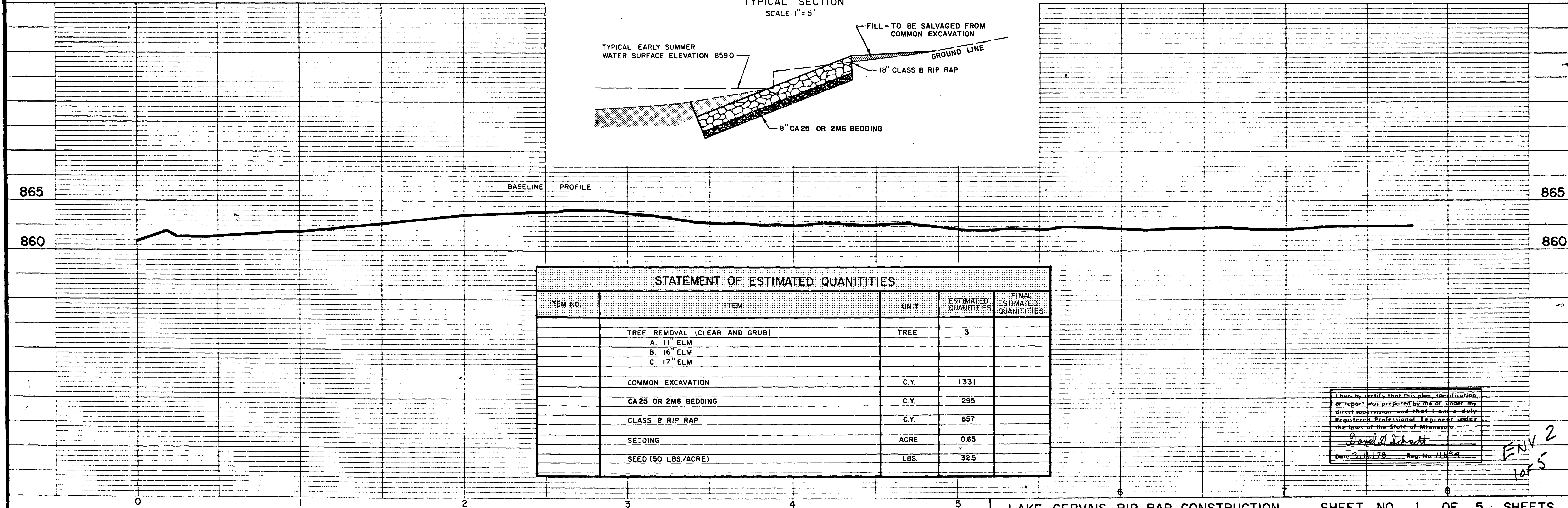
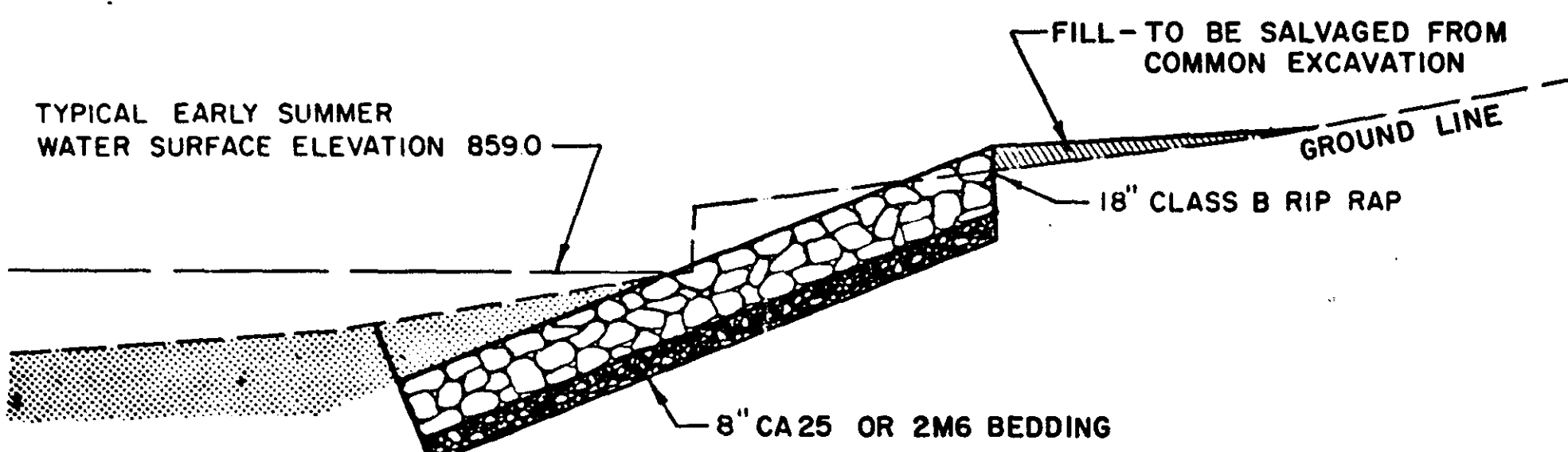
LAKE GERVAIS



PROPOSED RIP RAP PLACEMENT

SCALE: 1" = 30'

TYPICAL SECTION  
SCALE: 1" = 5'

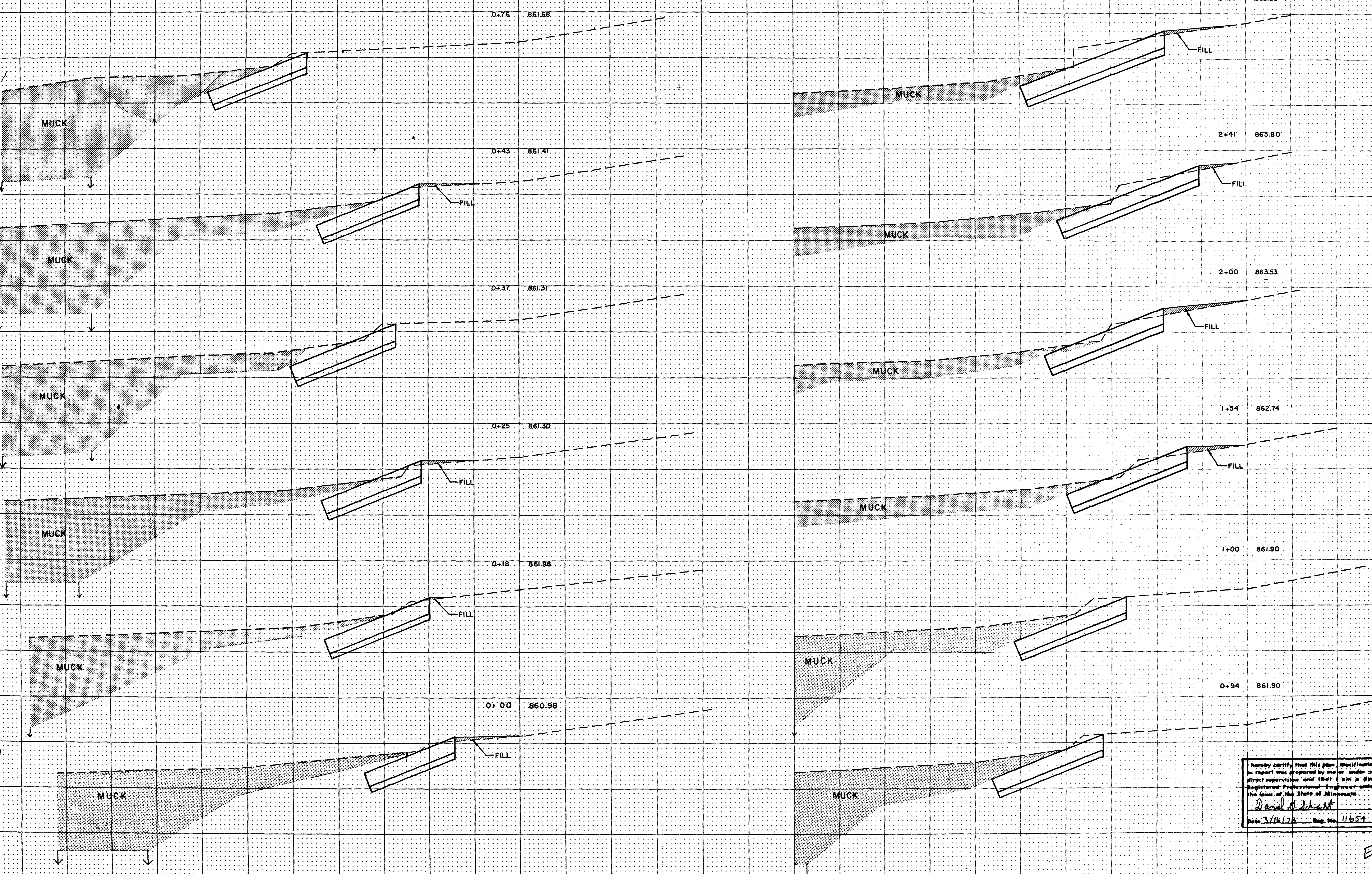


STATEMENT OF ESTIMATED QUANTITIES				
ITEM NO.	ITEM	UNIT	ESTIMATED QUANTITIES	FINAL ESTIMATED QUANTITIES
	TREE REMOVAL (CLEAR AND GRUB)	TREE	3	
	A. 11" ELM			
	B. 16" ELM			
	C. 17" ELM			
	COMMON EXCAVATION	C.Y.	1331	
	CA25 OR 2M6 BEDDING	C.Y.	295	
	CLASS B RIP RAP	C.Y.	657	
	SEEDING	ACRE	0.65	
	SEED (50 LBS./ACRE)	LBS.	325	

I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.  
*Daniel J. Dehacht*  
 Date: 2/16/78 Reg. No. 11654

ENV 2  
1 of 5

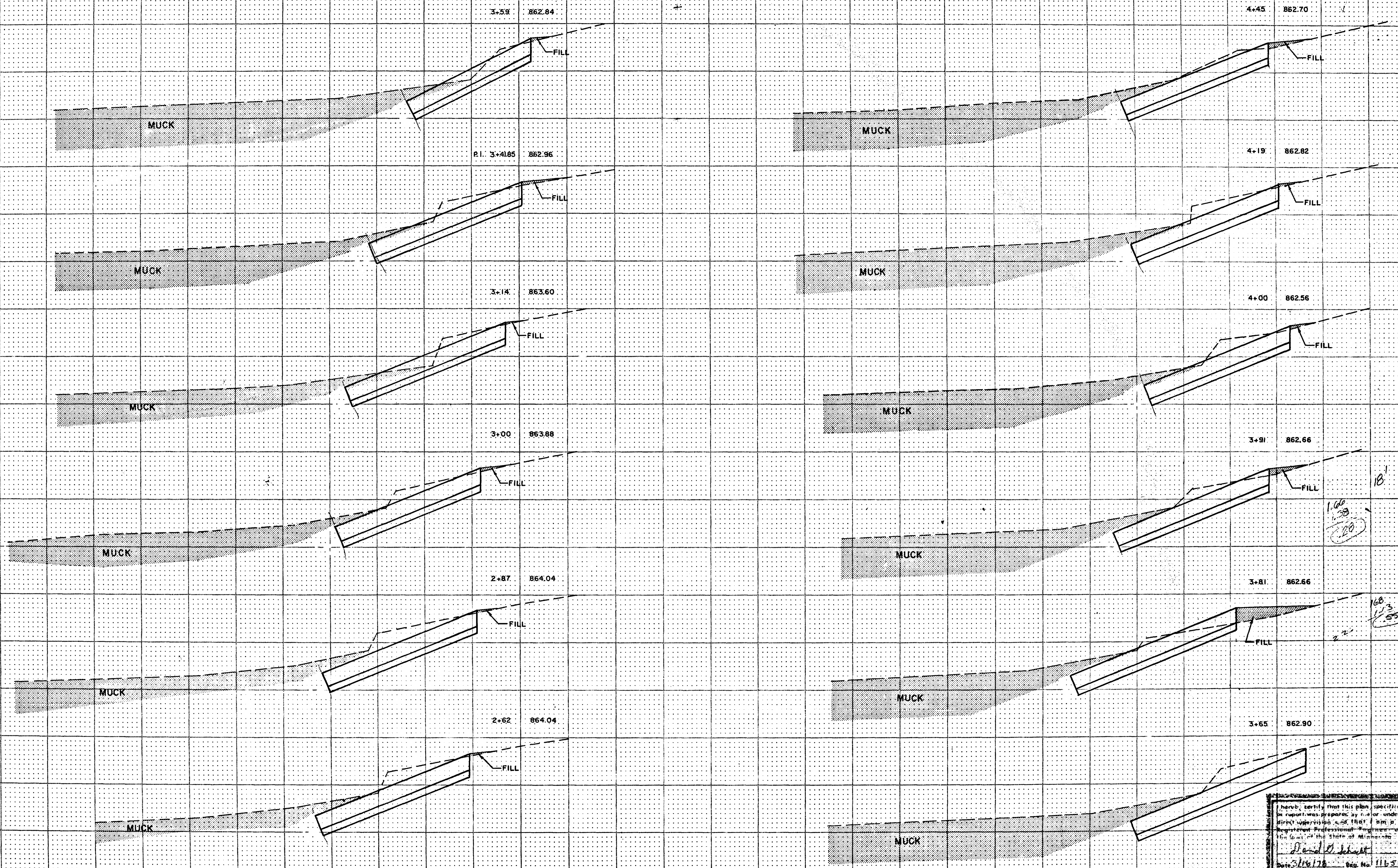
HORIZONTAL SCALE: 1" = 5'  
VERTICAL SCALE: 1" = 5'



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.  
*David J. Schmitt*  
 Date 3/16/75 Eng. No. 11654

ENV 2  
2065

HORIZONTAL SCALE: 1" = 5'  
VERTICAL SCALE: 1" = 5'

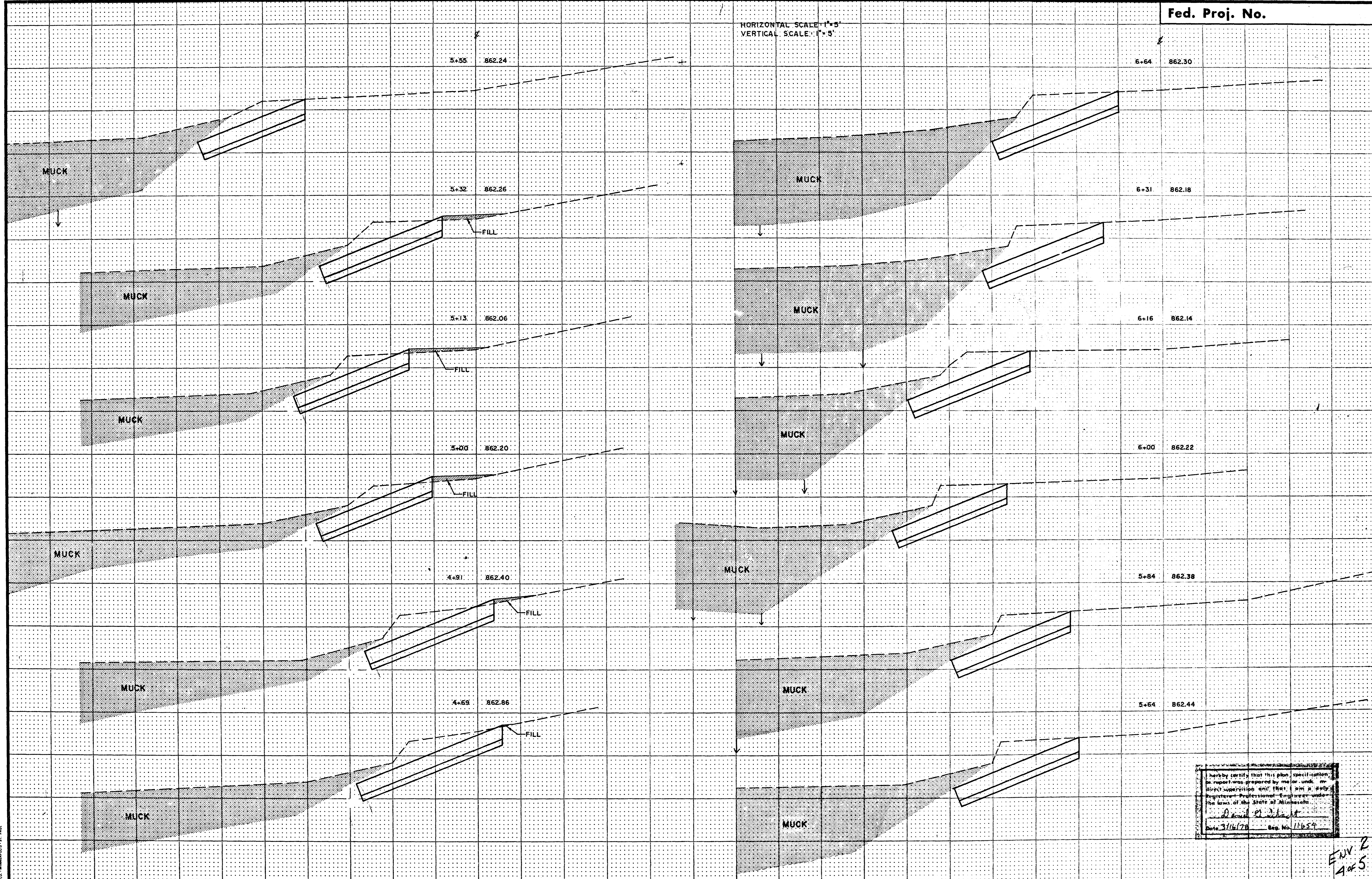


I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly registered Professional Engineer under the laws of the State of Minnesota.  
*Donald J. Schmitt*  
 Date: 3/16/78 Reg. No. 111-54

ENV 2  
3 of 5

FUNCTIONAL CROSS SECTION - OPEN DOTTED  
M. A. ROBERT CO. - MINNEAPOLIS, ST. PAUL

HORIZONTAL SCALE: 1" = 5'  
VERTICAL SCALE: 1" = 5'



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

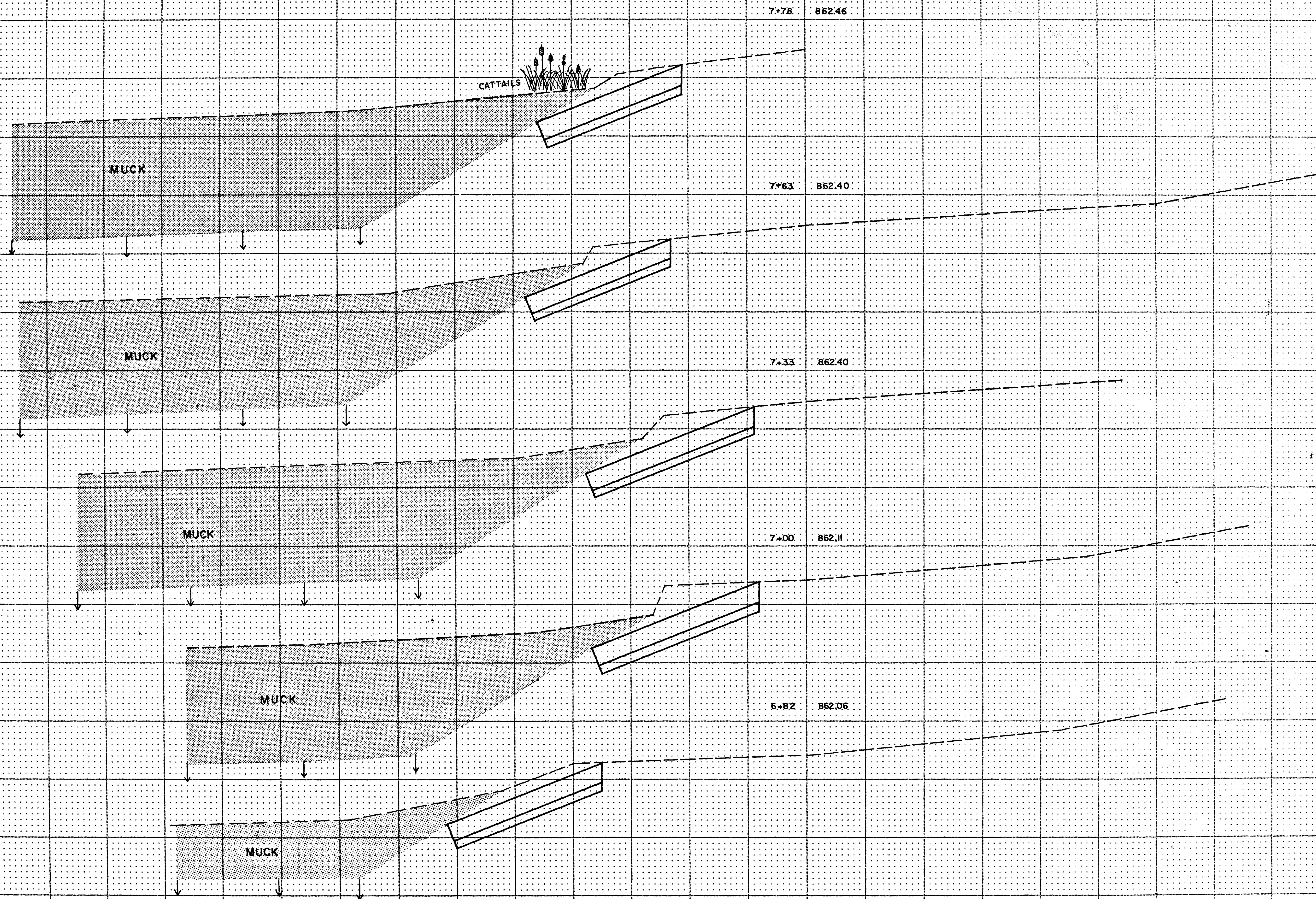
*David R. [Signature]*

Date 3/16/78 Reg. No. 11654

ENV 2  
A of 5

FUNCTIONAL CROSS SECTION - OPEN DOTTED  
 W. A. BERRY CO., MINNEAPOLIS, ST. PAUL

HORIZONTAL SCALE: 1" = 5'  
VERTICAL SCALE: 1" = 5'



I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

*Donald H. Schacht*  
 Date 3/16/78 Reg. No. 11654

ENV 2  
5 of 5

FUNCTIONAL CROSS SECTION - OPEN DOTTED  
K. A. ROGERS CO. - MINNEAPOLIS, MN