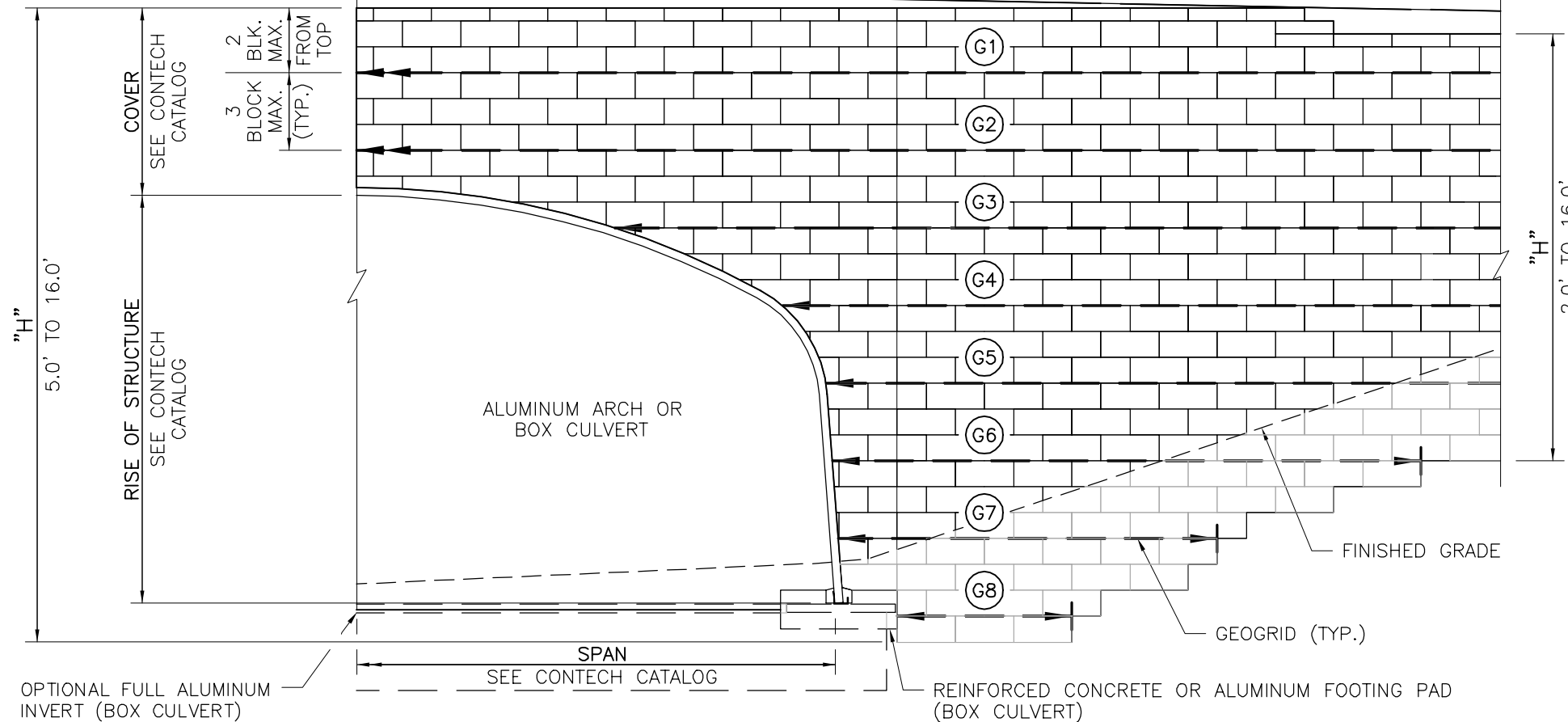


REINFORCED WALL SECTION AT CULVERT  
 NO SCALE

GEOGRID TABLE			
GEOGRID TYPE	REINFORCING PARAMETERS (LBS/FT.)		
	TULT	LTDS	TAL *
TENSAR UX1400SB	3701	1214	680
TENSAR UX1500SB	6302	1991	1115

\* BASED ON FSd = 1.10, FSid = 1.25, FS = 1.50



REINFORCED WALL GRID SECTION  
 NO SCALE

EXTERNAL STABILITY		
WALL HEIGHT "H" (FT.)	GRID LENGTH "L" * (FT.)	APPLIED BEARING PRESSURE (PSF)
2	N/A	300
4	8	700
6	8	1000
8	8	1300
10	8	1800
12	9	2300
14	10	2600
16	11	3000

\* 8' AASHTO MINIMUM

		INTERNAL STABILITY							
	GRID	WALL HEIGHT (FT.)							
		16	14	12	10	8	6	4	2
GEOGRID STRENGTH	G1	UX1400	UX1400	UX1400	UX1400	UX1400	UX1400	UX1400	N/A
	G2	UX1400	UX1400	UX1400	UX1400	UX1400	UX1400	UX1400	
	G3	UX1400	UX1400	UX1400	UX1400	UX1400	UX1400		
	G4	UX1400	UX1400	UX1400	UX1400	UX1400			
	G5	UX1500	UX1500	UX1500	UX1500				
	G6	UX1500	UX1500	UX1500					
	G7	UX1500	UX1500						
	G8	UX1500							

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No.	Date	Revision	By

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 RETAINING WALL SYSTEMS  
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 Minneapolis, MN 55435  
 (612) 897-1040

Designed By:  
**RKM**  
 Checked By:  
**CDM**  
 Date:  
**08/08/00**

Client:  
**CONTECH CONSTRUCTION PRODUCTS INC.**  
 Scale:  
**AS NOTED**

Title:  
**KEYSTONE GEOGRID DESIGN**  
 Project No:  
 Drawing No:  
**3**

Rick Magnuson, Keystone Retaining Wall Systems 8/25/00 9:26 AM Key-Con3.dwg