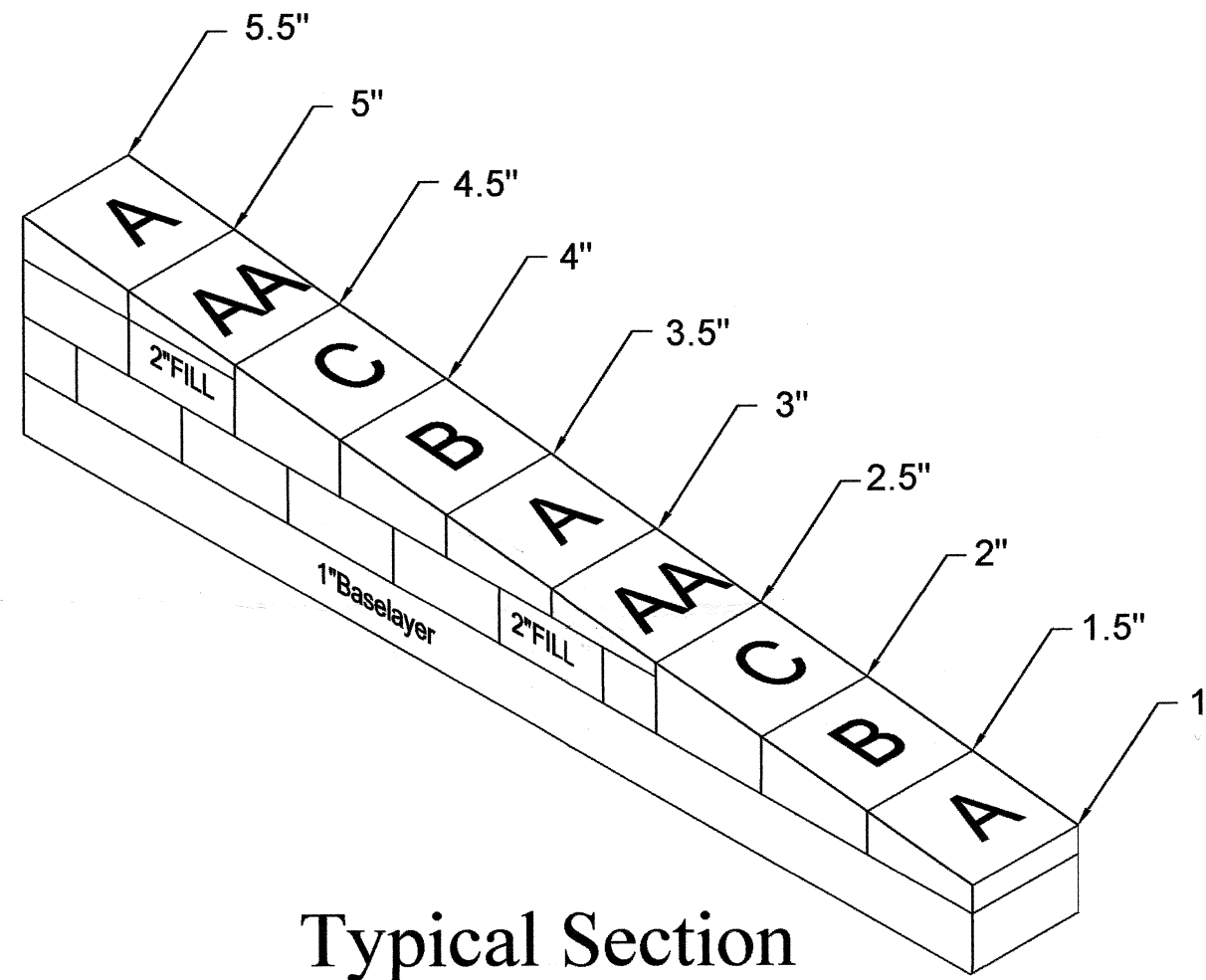
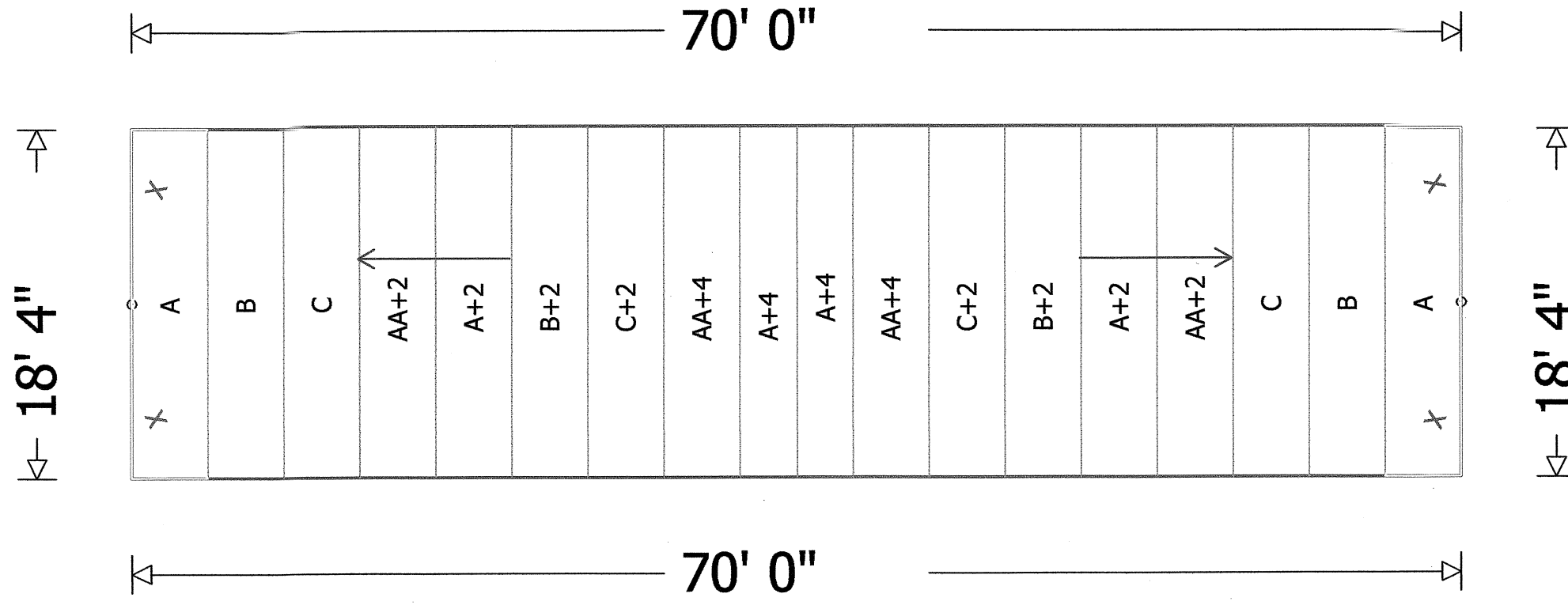


Designer Information:
Name: Jodi Wiedemann
E-Mail Address: jodi@krkline.com
Phone Number: 952-851-3045
Fax Number: 952-854-8729

K.R. Kline & Associates, Inc.
3050 Metro Drive Suite 214
Bloomington, MN. 55425

Available Services
* Field Surveys
* Field Measurements
* Tapered Design Assistance

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Typical Section
1/8"/ft. Slope
N.T.S.

- practicing roof design professional using these services to render the appropriate level of professional judgment necessary to provide the appropriate tapered insulation design. No Firestone representative is authorized to vary the terms of this disclaimer.
- The roof insulation is polyisocyanurate (ISO 95+ or ISO 95+ Composite) flat and tapered manufactured by the Firestone Building Products Company.
 - All job criteria such as dimensions, drain locations, slope, minimum starting thickness, base layer thickness, average R-Value, etc., have been provided by architects, roofers and Dodge/Scan via mail, e-mail and faxes to the K.R. Kline & Associates. All information must be confirmed by the roofing contractor. If any changes are made in the job criteria shown below, K.R. Kline & Associates reserves the right to re-bid the project.
 - Shop drawings signed and approved by either the architect or the roofing contractor must be returned to the K.R. Kline & Associates prior to fabrication and shipment of materials.
 - Once the material is received, the manufacturer is not responsible for its safekeeping or shortages discovered.
 - The roofing contractor must verify all material piece counts with packing lists. All discrepancies must be reported immediately to K.R. Kline & Associates at 952-854-8723.
 - Recovery boards, base sheets, cant strips, tapered edge strips, crickets or saddles etc., not shown on Firestone Tapered Engineering Department shop drawings will be supplied by others.

SHOP DRAWING APPROVAL

I understand that the information and dimensions provided to and used by K.R. Kline & Associates may have been supplied by a third party source. Therefore, with my signature:

I have provided K.R. Kline & Associates with correct field conditions, including actual field dimensions, drain locations, structural slopes and roof curb locations, that may alter the drainage pattern. Therefore, I accept the tapered design shown on this drawing.

I have not measured the roof or confirmed correct field conditions, including drain locations, structural slopes and roof curb locations that may alter the drainage pattern shown on this drawing. However, I accept this design as shown and take full responsibility for any errors, shortages, and/or omissions that may occur.

Please sign below and fax to K.R. Kline & Associates at 952-854-8729

Name: _____ Company: _____
Signature: _____ Date: _____

PROJECT INFORMATION

Project: Water Treatment
Location: Superior, Wi.
Quote Number: 08-WI-0013
Quote Version Number(s): 1 Page: 1 of 1
Designed by: Jodi Wiedemann Date: 09/30/2008
Slope: 1/8"/ft. Cricket Slope: 1/4"/ft.
Min. Thickness: 2.0" Max. Thickness: 5.5"
Base Layer: 1.0"
Average R-Value: 25.31
Drawing Scale: 1/8" = 1'-0"

Contractor: Mike Ecklund
A.W. Kuettel and Sons
1225 Port Terminal Rd.
Duluth, MN. 55802
218-722-3901

Architect: _____

Panel Schedule:

Panel Code	Description	Size	P.S.I.	Slope	Used As:
AA	0.5"-1.0"	4'x4'	20 PSI Typical	1/8"/ft.	Tapered
A	1.0"-1.5"	4'x4'	20 PSI Typical	1/8"/ft.	Tapered
B	1.5"-2.0"	4'x4'	20 PSI Typical	1/8"/ft.	Tapered
C	2.0"-2.5"	4'x8'	20 PSI Typical	1/8"/ft.	Tapered
2.0	2.0" Flat	4'x8'	20 PSI Typical	Flat	Tapered Fill
X	0.5"-1.5"	4'x4'	20 PSI Typical	1/4"/ft.	Cricket Tapered
2.0	2.0" Flat	4'x8'	20 PSI Typical	Flat	Cricket Fill
1.0	1.0" Flat	4'x8'	20 PSI Typical	Flat	Baselayer

Sample Label

Panel Code → **A + 4** ← Fill Thickness
(See Typical Section For Layering Information)