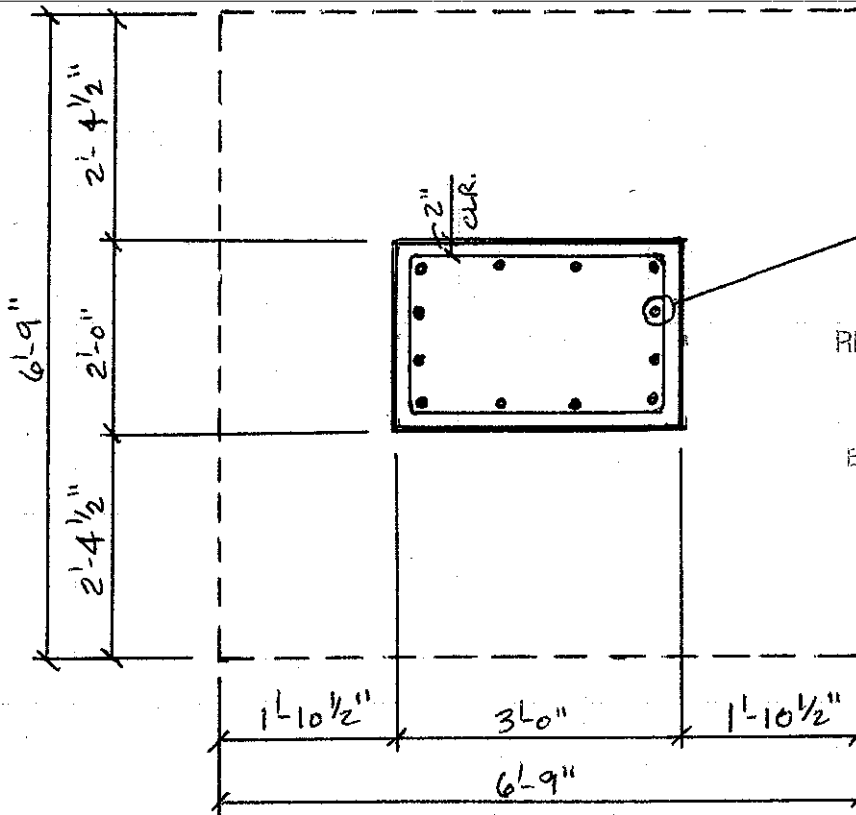


LAMPEN ENGINEERING, INC.  
1118 W. MAIN STREET  
BLUE SPRINGS, MISSOURI 64015

PRECOM 20150194  
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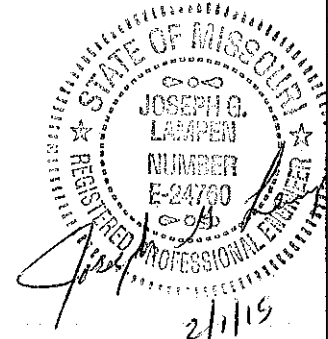
PHONE 816-220-0246  
FAX 816-220-3304

|                                                   |                |                 |                        |
|---------------------------------------------------|----------------|-----------------|------------------------|
| PROJECT<br>RISING STAR RANCH - 2807 NW CHIPMAN RD | MADE BY<br>JGL | DATE<br>1/26/15 | JOB NUMBER<br>15-01005 |
| SIDEWALL FOOTINGS & CORNERS                       | REVISION       | PAGE<br>1       | OF<br>2                |



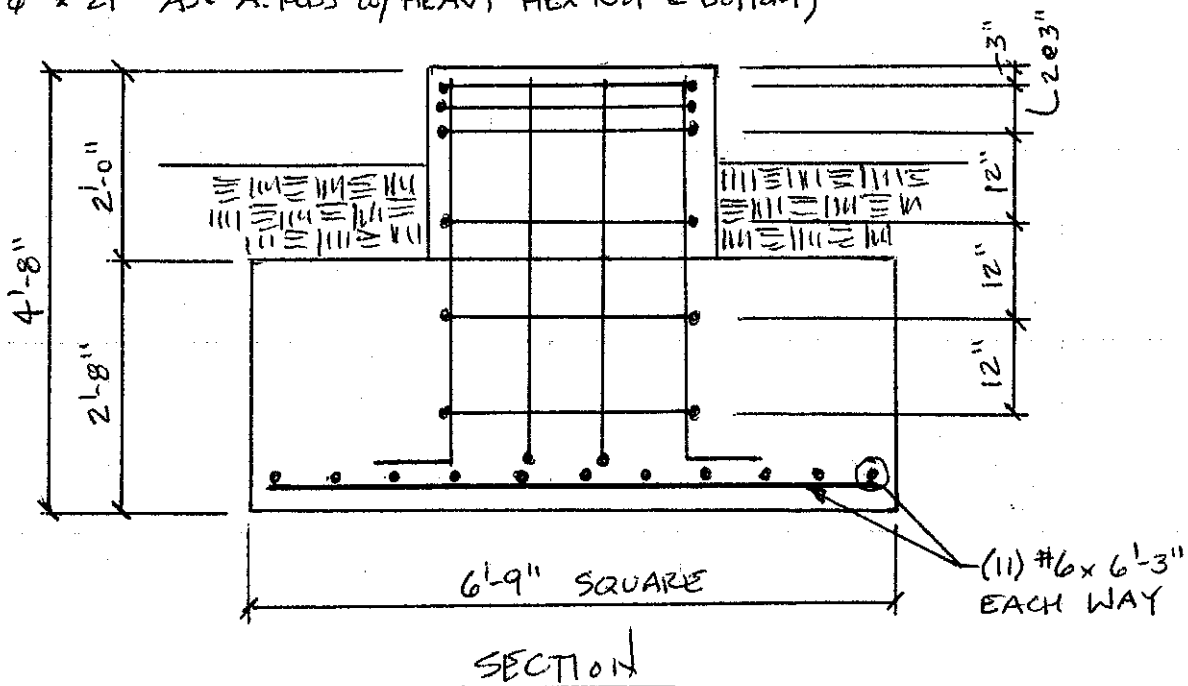
RELEASED FOR CONSTRUCTION  
AS NOTED ON PLANS REVIEW  
CODES ADMINISTRATION  
LEE'S SUMMIT, MISSOURI

DATE 2/9/15



2/1/15

(3/4"  $\phi$  x 21" A36 A. RODS w/ HEAVY HEX NUT @ BOTTOM)

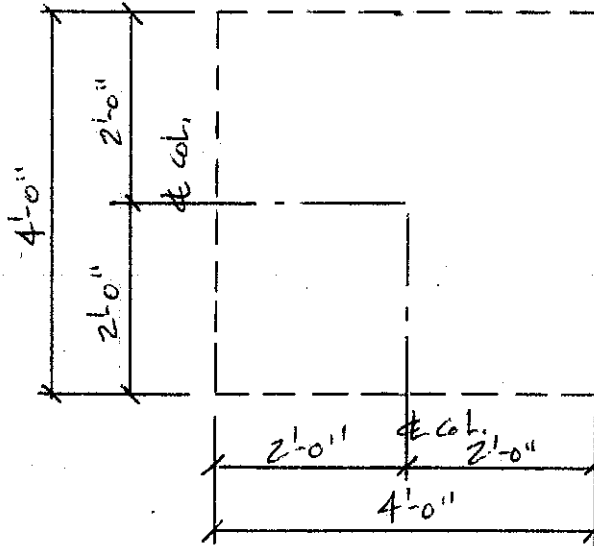


# LAMPEN ENGINEERING, INC.

1118 W. MAIN STREET  
BLUE SPRINGS, MISSOURI 64015

PHONE 816-220-0246  
FAX 816-220-3304

|                                                    |                |                     |                         |
|----------------------------------------------------|----------------|---------------------|-------------------------|
| PROJECT<br>RISING STAR RANCH - 2807 NW CHIPMAN RD. | MADE BY<br>JGL | DATE<br>1   26   15 | JOB NUMBER<br>15-01-005 |
| ENDWALL FOOTINGS                                   | REVISION       | PAGE<br>2           | OF<br>2                 |

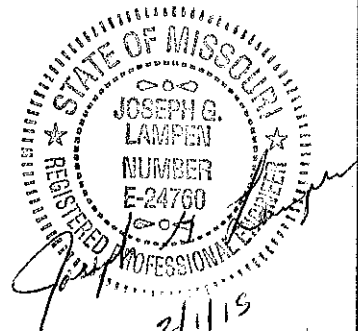


PLAN VIEW

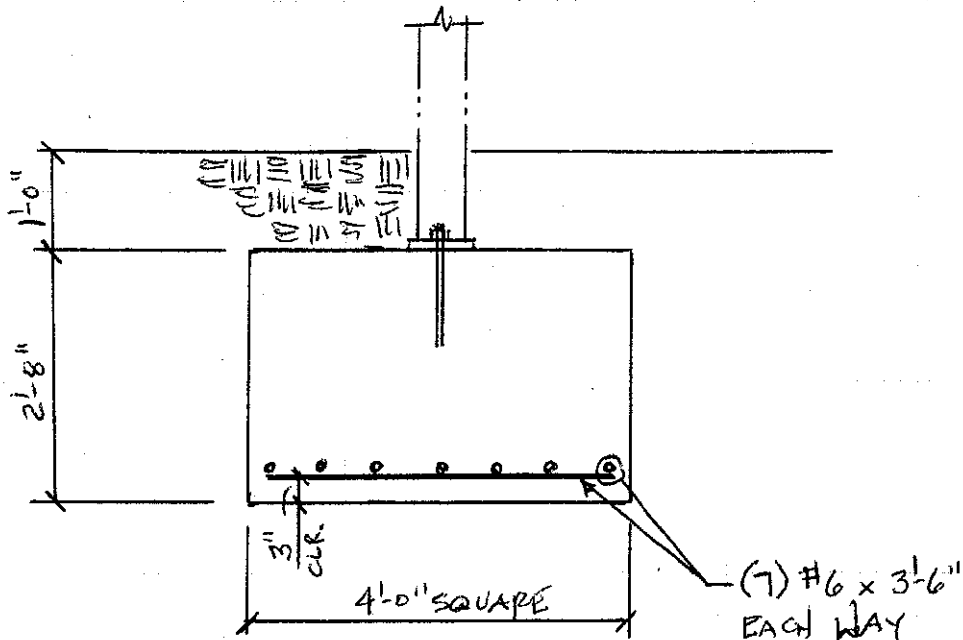
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LEE'S SUMMIT, MISSOURI

BY \_\_\_\_\_

DATE \_\_\_\_\_



(3/4"  $\phi$  x 21" A36 A. RODS w/ HEAVY HEX NUT @ BOTTOM)



# NovaShield® II with Armorkote™

FRU88X-6 4 mil

## DESCRIPTION

Nova-Shield® II FRU88X-6 4 mil is a heavyweight fabric for applications requiring flame retardants and UV stability, such as membrane structures and alternate daily landfill covers. The scrim is produced in a special weaving pattern to enhance thickness, flatness, abrasion resistance, and tear properties. The proprietary coating is used to enhance abrasion resistance, flex resistance, seam strength, UV resistance and longevity.

## FABRIC SPECIFICATIONS

Weave: Woven HDPE scrim using natural FR/UV tapes  
Coating: 4 mil average each side (95 g/m<sup>2</sup>/side)  
Color: Off-white, green, blue, grey sandstone and other colors available upon request  
Weight: 12.4 oz/yd<sup>2</sup> (420g/m<sup>2</sup>) +/- 5 %  
Thickness: 23 mil (0.59 mm) ASTM D1777

## ROLL SPECIFICATIONS

Cores: 4 inch I.D. or 5 inch I.D. available  
Width: Up to 150 inches (-0, +0.5) as ordered  
Length: minimum 250 yds/roll; up to 1000 yds/roll

These values are typical data and are not intended as limiting specifications.



intertape polymer group™

3647 Cortez Road West | Bradenton, FL 34210 | USA

Customer Service: 800.IPG.8273 | 800.474.8273

Tape Technical Service: 877.447.4832

www.intertapepolymer.com | info@itape.com

While we believe them to be reliable, the statements and information herein are only for general guidance and are not warrants or guarantees for accuracy and completeness. The user must, by test or otherwise, determine suitability for this purpose. There is no warranty of fitness for a particular purpose. Our standard term and conditions of sale apply exclusively to all orders, and all liability for damages of any kind, including consequential, exceeding purchase price is excluded. No one is authorized by us to make oral warranties. We reserve the right to make changes without notice or obligation in our products and publications.

EFFECTIVE: 11/11

## INTERTAPE POLYMER GROUP TECHNICAL DATA SHEET

## PERFORMANCE PROPERTIES

The following data are nominal values based on ASTM standard tests. These data should not be considered specification.

|                                                                              |                                                                                                                                |
|------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| <b>Grab Tensile</b><br>ASTM D-5034-95                                        | Warp 360 lb 1598 N / Weft 350 lb 1555 N                                                                                        |
| <b>Strip Tensile</b> (N/5cm)<br>ASTM D-5035-95                               | Warp 275 lb/in (2442)/Weft 250 lb/in (2222)                                                                                    |
| <b>Tongue Tear</b><br>ASTM D-2261-96                                         | Warp 120 lb 533 N / Weft 110 lb 488 N                                                                                          |
| <b>Trapezoidal Tear</b><br>ASTM D-4533-04                                    | Warp 100 lb 444 N / Weft 90 lb 401 N                                                                                           |
| <b>Mullen Burst</b><br>ASTM D-3786-01                                        | 675 psi 4657 kPa                                                                                                               |
| <b>Accelerated UV Weathering<sup>1</sup></b><br>ASTM G151-00<br>ASTM G154-04 | >90 % strength retention after 2000 hrs exposure @ 0.77 W/m <sup>2</sup> /nm, or 1200 hrs exposure @ 1.35 W/m <sup>2</sup> /nm |
| <b>Accelerated Natural Weathering</b><br>ASTM G90-98                         | >80 % strength retention after 5 Florida Standard Years <sup>2</sup>                                                           |
| <b>Low Temperature Bend</b><br>ASTM D2136-94                                 | -60°C                                                                                                                          |

<sup>1</sup> Q.U.V [A-340 Lamps]; 8 hrs UV @ 60°C; 4 hrs condensation @ 50°C <sup>2</sup> 1333 MJ

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DATE \_\_\_\_\_

## FR PERFORMANCE

This product meets the requirements of NFPA 701 – 2010 (Method 1 and Method 2), 2004 (Method 1 and Method 2), 1989 (large and small scale) and 1996 (tests 1 and 2), CAN/ULC S109-M87 (small and large scale), CAN/ULC S102-03, CAN/ULC S102.2-03, ASTM E84-00a (Class 1), UBC31-1, California Fire Marshal (F-51405).

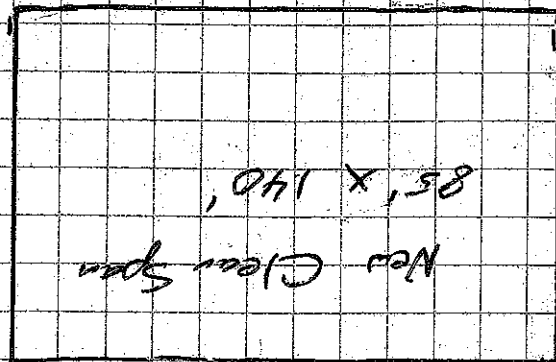
Chipman

1/4" Scale = 1/2"

PL252015.0194

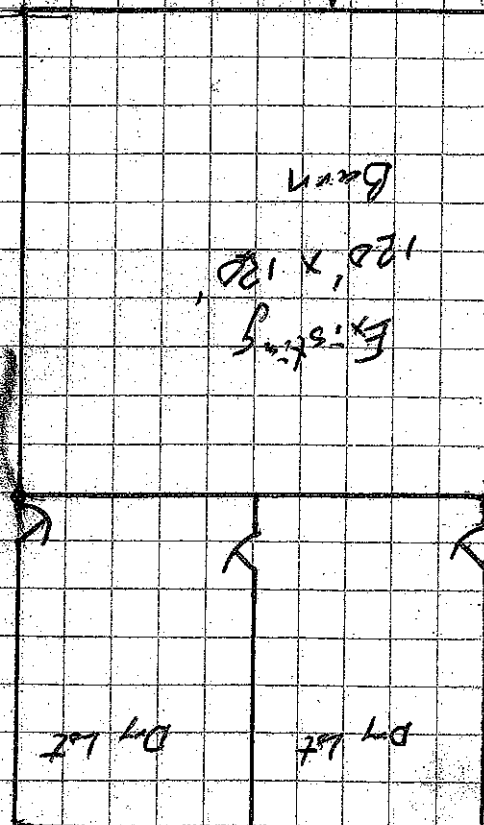
145 +/- Sid  
P/L

2807  
NW  
Chipman



580 +/-  
to  
Side P/L

Planning:  
Codes Admin  
Storage  
for building  
in AG  
Open for Thompson  
07/04/15



700' +/- to Room P/L