

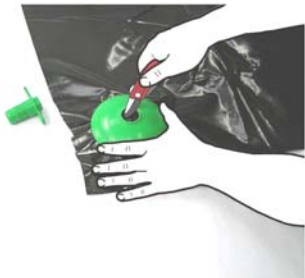
## Fastener Installation

**Start**



- Parts**  
Symmloc's (3) components .
1. Base.
  2. Cap.
  3. Connector.
  4. Knife for cutting material.

**1**



**STEP 1 Installation**  
Place Cap over the material and Base while cutting a crisscross using a knife.

Gloves should be used with sharp objects!



**2**



**STEP 2 Connection**  
After hole is cut insert Connector through Cap and Material into Base.

Screw Connector by hand using Tabs until it stops. No wrench is need.

**Finish**



**Installed**



Do not over tighten with wrench. The Symmloc fastener has been designed to work with hands for tightening!

## Miscellaneous Details

### STEEL STAKE at EDGE FASTENING OPTION

Use a 3/4 inch round concrete stake, with a duplex nail as shown. (Use stakes 18" long or greater depending on soil conditions.



### BURIED at EDGE FASTENING OPTION

Bury the outer edge and use Level 2 or 3 Seams depending on Duration of Cover or Wind Conditions.



### LARGE STOCKPILE COVERS

See our Standard Drawings and Videos available at our Website [www.SYMMLOC.com](http://www.SYMMLOC.com)



### STAKELESS BURRITO WRAP OPTION

Top Sheet connected to the bottom buried anchor sheet. (see drawing T06)



### Ultimate Fastener Connection Load per Layer



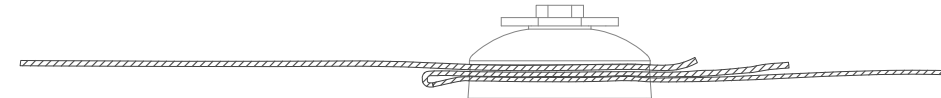
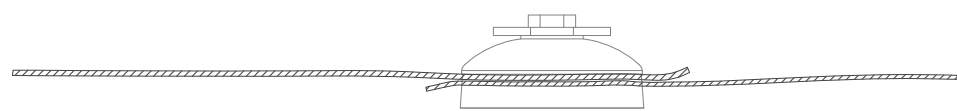
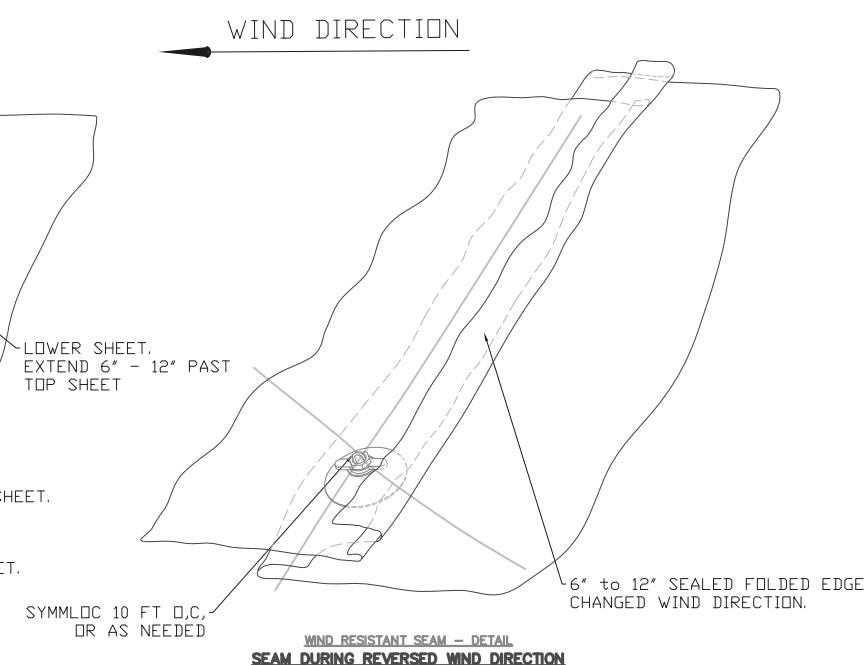
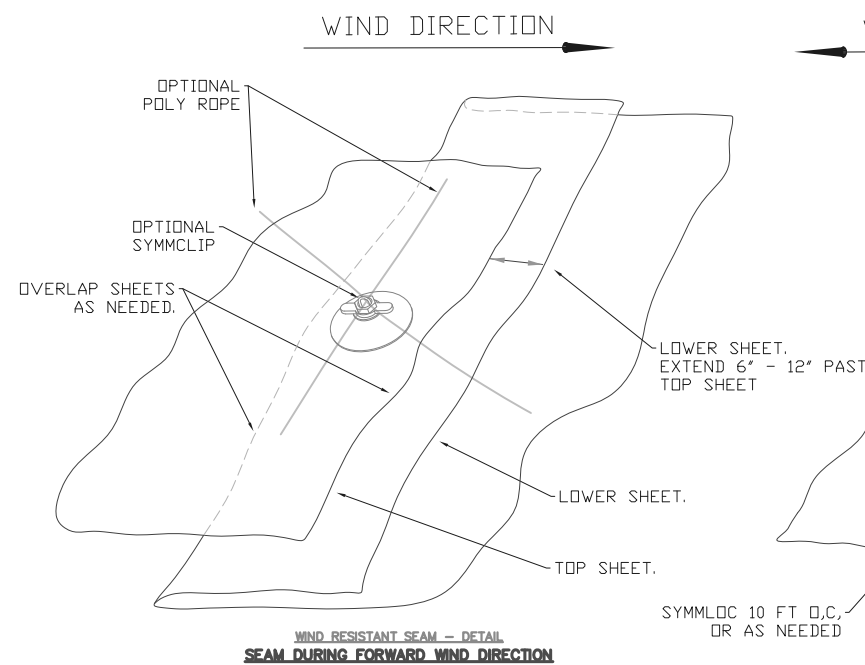
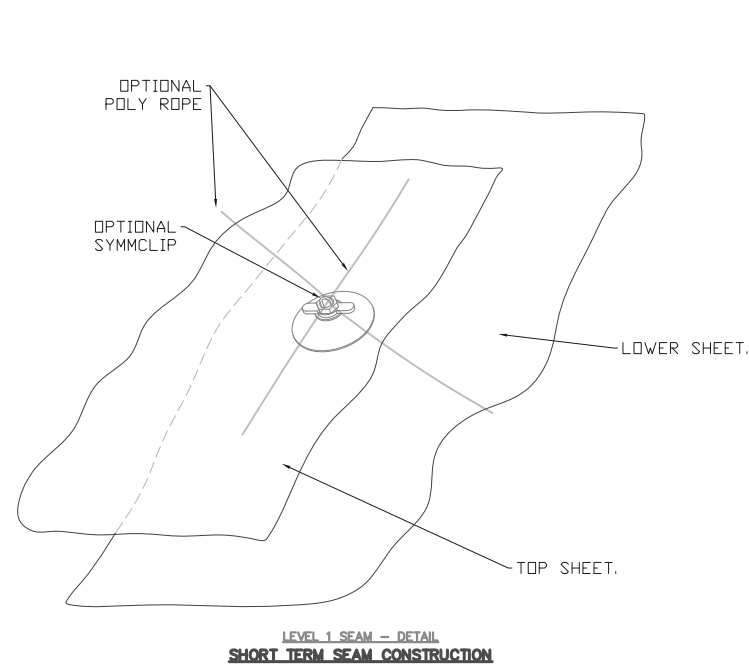
6 mil	Visqueen	108 pounds
10 mil	Visqueen	124 pounds
5 mil	FeedPro	137 pounds
12 mil	Dura Skrim	483 pounds
5 mil	Mirafi 500X	495 pounds



**Remember to pull cover tight during installation.**

**Use Sealed Seam Drawing T11 D02 and D03 for high wind or long term installations.**

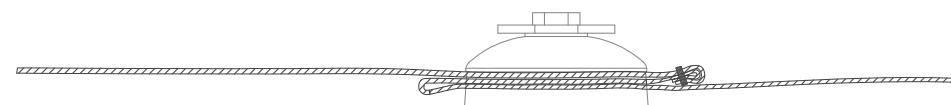
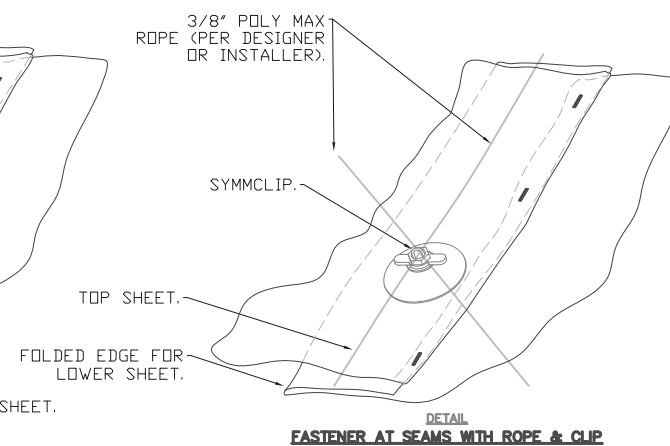
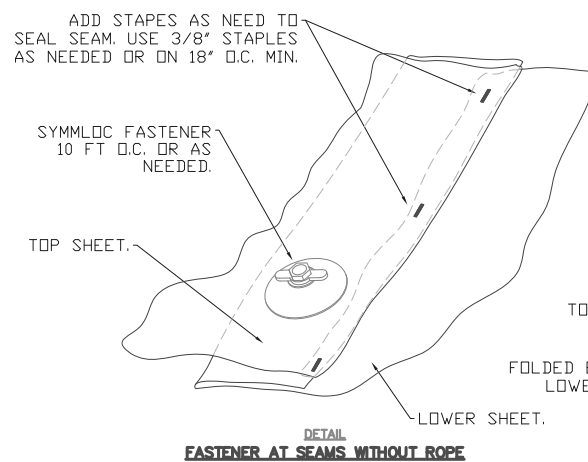




SHORT TERM SEAM DETAIL - LEVEL 1 SHORT TERM

FOLDED SEAM DETAIL - LEVEL 2 WINDY CONDITIONS

FASTENERS 10 FT. O.C. TYP. OR AS NEEDED



FOLD & STAPLE SEALED SEAM DETAIL - LEVEL 3 EXTREME CONDITIONS



**General Notes**

THIS LAYOUT IS BASED ON USING THE SYMMLOC FASTENER.

SEE ADDITIONAL DRAWINGS FOR TEMPORARY COVER ALTERNATIVES BY SYMMLOC, COMPARING WEIGHT, REUSABILITY, AND EQUIPMENT.

LEVEL 1, 2 and 3 SEAMS

LEVEL 1 SHORT TERM

LEVEL 2 MOST WIND CONDITIONS

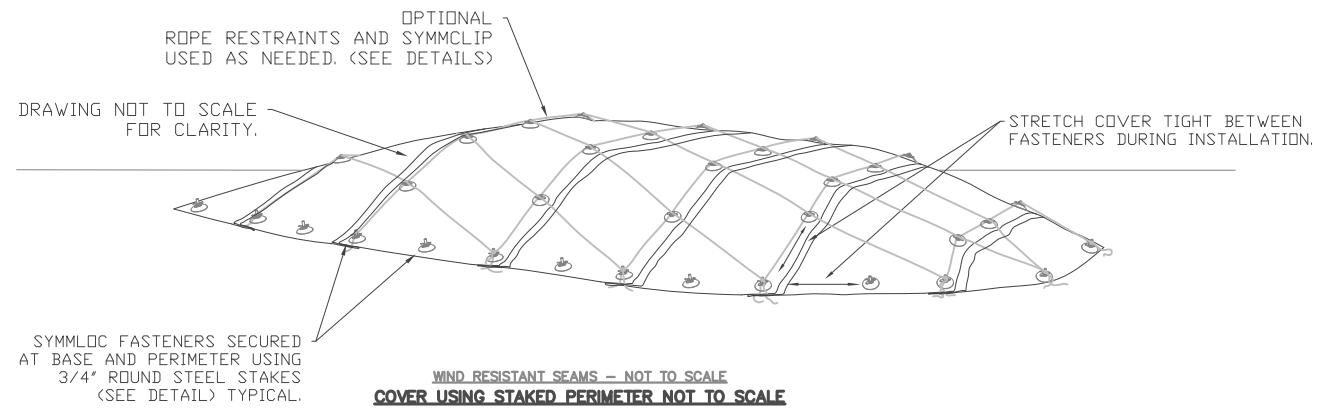
LEVEL 3 HIGH WIND CONDITIONS

No.	Revision/Issue	Date

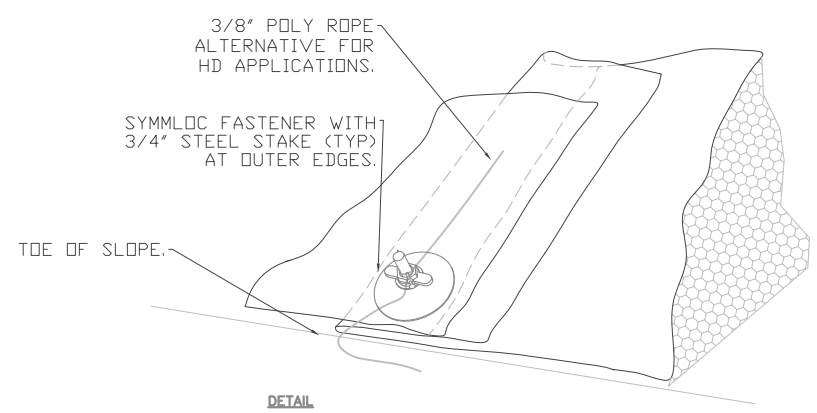
**Firm Name and Address**  
SYMMLOC  
Fasteners  
LEVEL 1 - 3  
SEAMS©

**Project Name and Address**  
SYMMLOC TEMPORARY COVER  
LEVEL 1 THRU 4 SEAM CONSTRUCTION  
INSTALLATION DETAILS  
LAYOUT BASED ON STD DRAWING

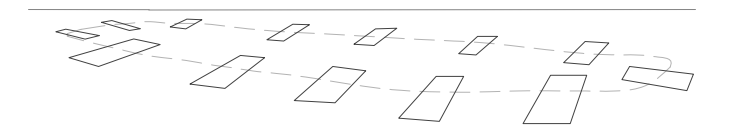
Project	Seams	Sheet	T11
Date	1/3/2014		
Scale	NONE		



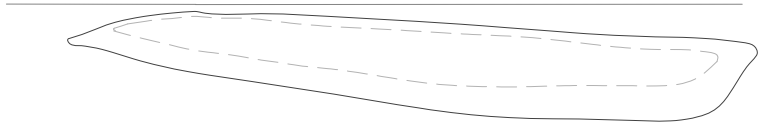
WIND RESISTANT SEAMS - NOT TO SCALE  
COVER USING STAKED PERIMETER NOT TO SCALE



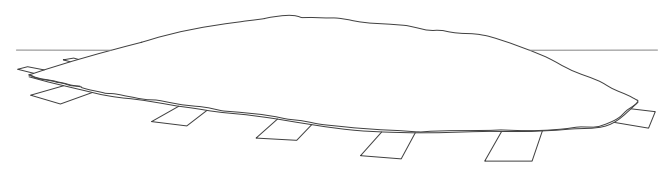
DETAIL  
FASTENER AT OUTER EDGE - STAKE RESTRAINT



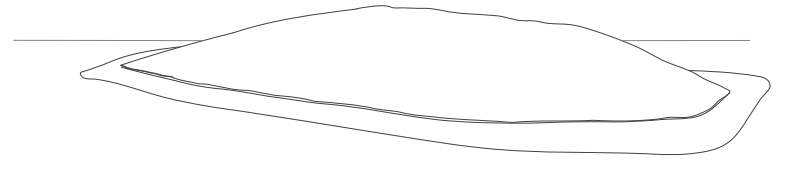
PERSPECTIVE  
**STEP 1 LAY DOWN THE ANCHOR STRIPS ON THE EXISTING SURFACE**  
NOTE: STRIPS CAN BE PLACED AFTE STOCKPILE (SEE PITURES)



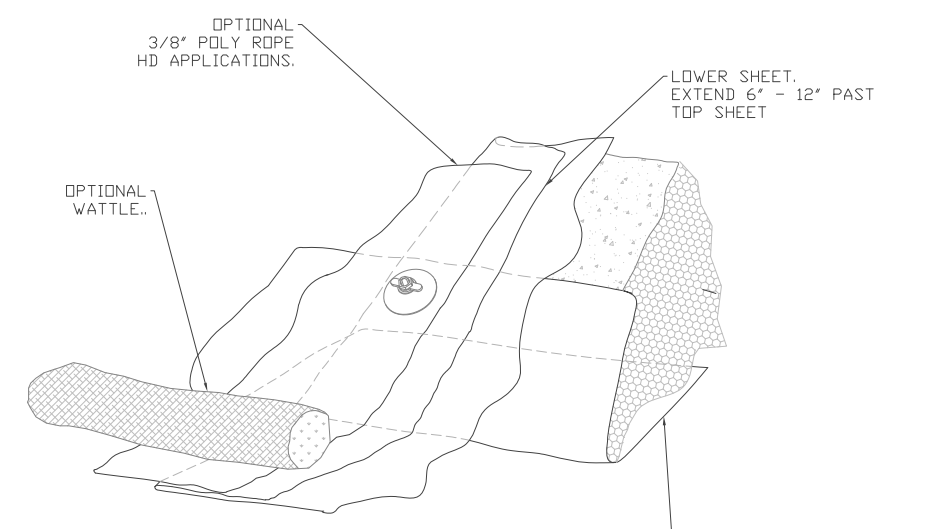
PERSPECTIVE  
**STEP 1 LAY DOWN THE ANCHOR COVER ON THE EXISTING SURFACE**  
NOTE: THIS SYSTEM IS FOR BURRITO WRAP CONTAINMENT



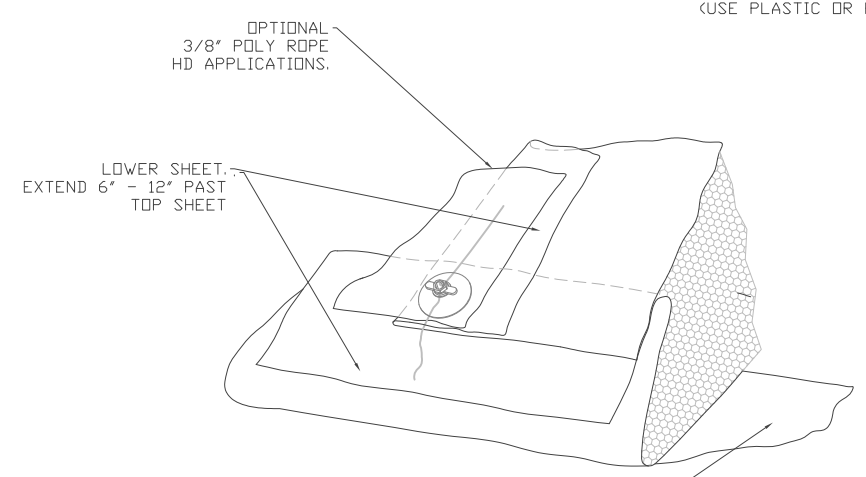
PERSPECTIVE  
**STEP 2 PLACE MATERIAL TO STOCKPILED ON ANCHOR STRIPS**



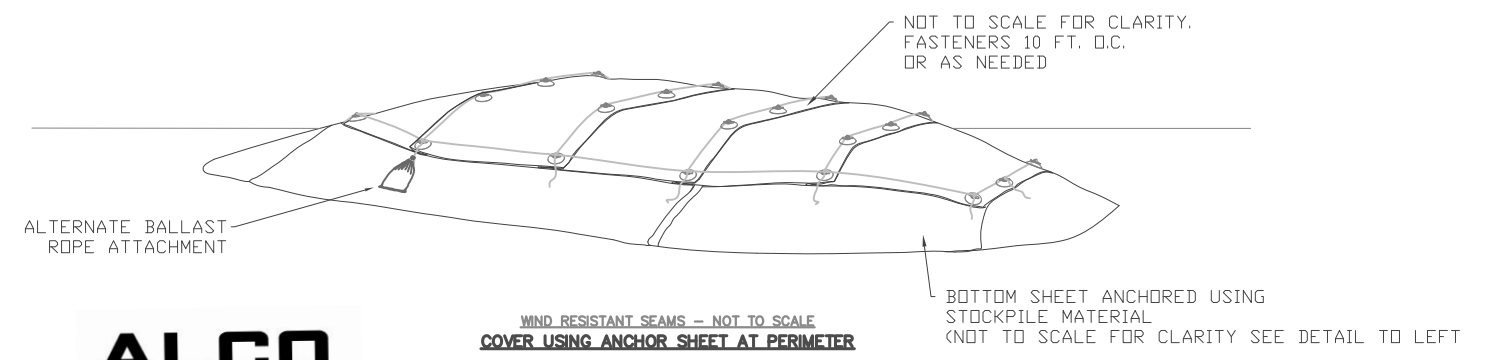
PERSPECTIVE  
**STEP 2 PLACE MATERIAL TO STOCKPILED ON ANCHOR COVER**



DETAIL  
FASTENER AT OUTER EDGE - STRIP ANCHOR SHEET



DETAIL  
FASTENER AT OUTER EDGE - PERIMETER ANCHOR SHEET



OPTIONAL BASE OUTER EDGE RESTRAINT

General Notes

DETAIL FOR  
EDGE  
CONNECTIONS

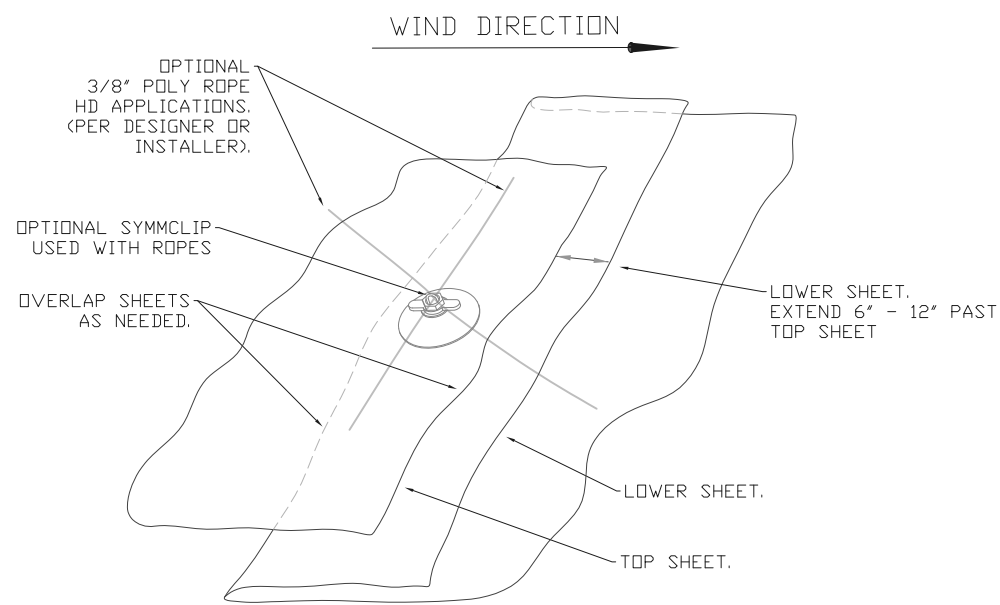
No.	Revision/Issue	Date

Firm Name and Address  
**SYMMLOC**  
Fasteners  
EDGE DETAIL ©

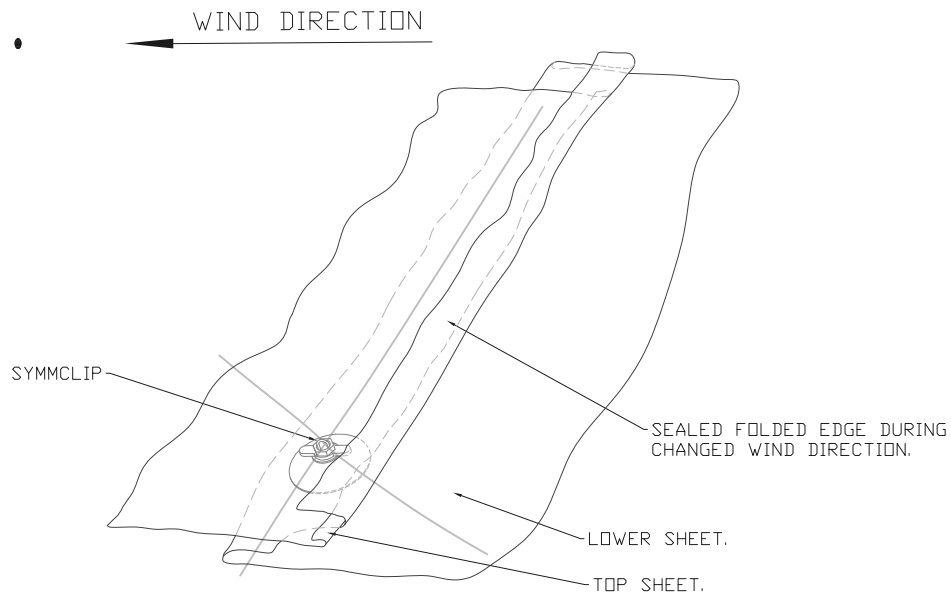
Project Name and Address  
SYMMLOC TEMPORARY COVER  
USING FOLDED SEAMS  
FASTENERS ON 10' CENTERS.

Project	Sheet
EDGE DETAIL	D01
Date	01/01/2014
Scale	NONE

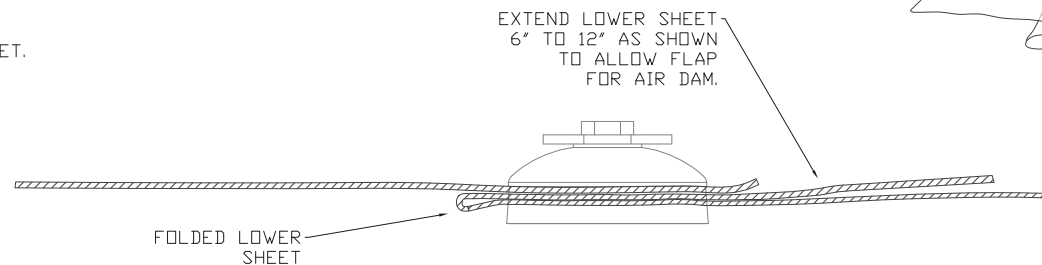




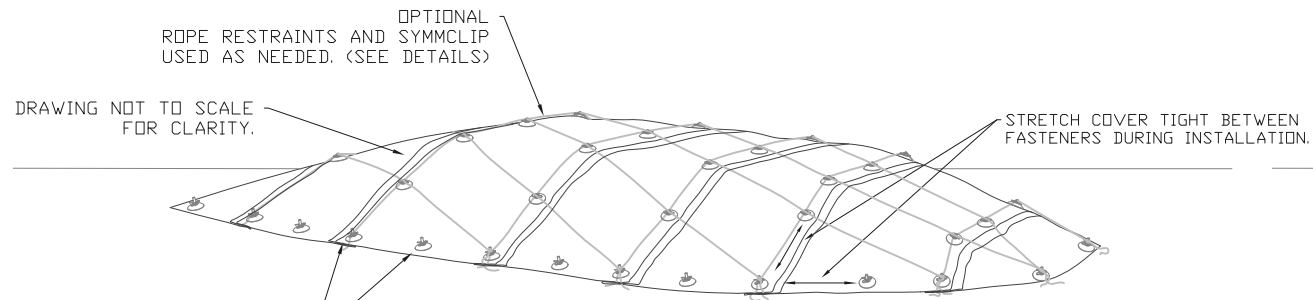
**WIND RESISTANT SEAM - DETAIL  
SEAM DURING FORWARD WIND DIRECTION**



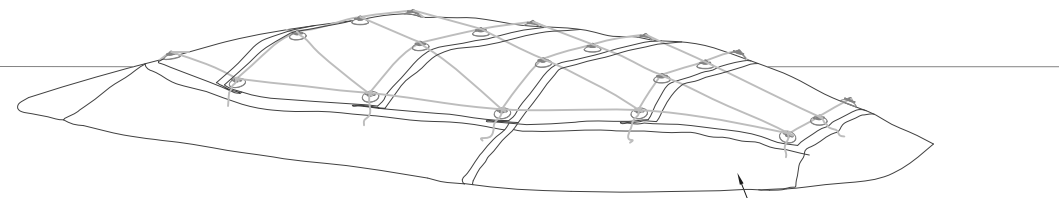
**WIND RESISTANT SEAM - DETAIL  
SEAM DURING REVERSED WIND DIRECTION**



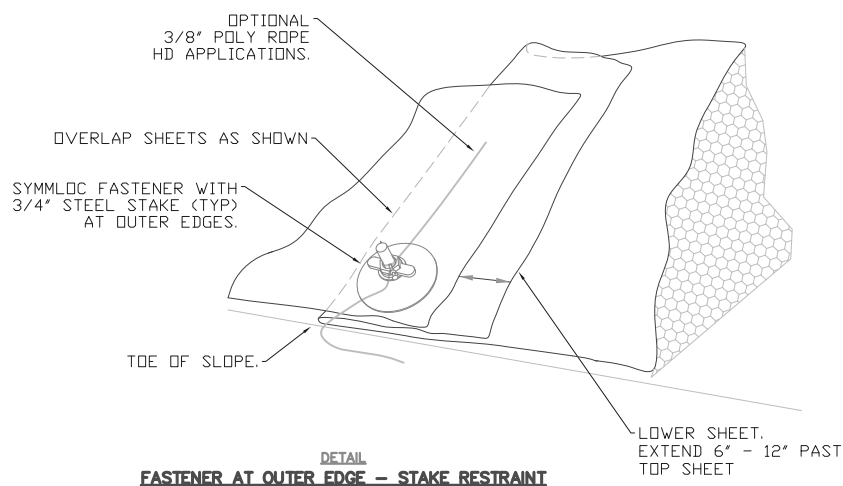
**FOLDED SEALED SEAM DETAIL - LEVEL 2 - FASTENERS 10 FT. O.C. TYP.**



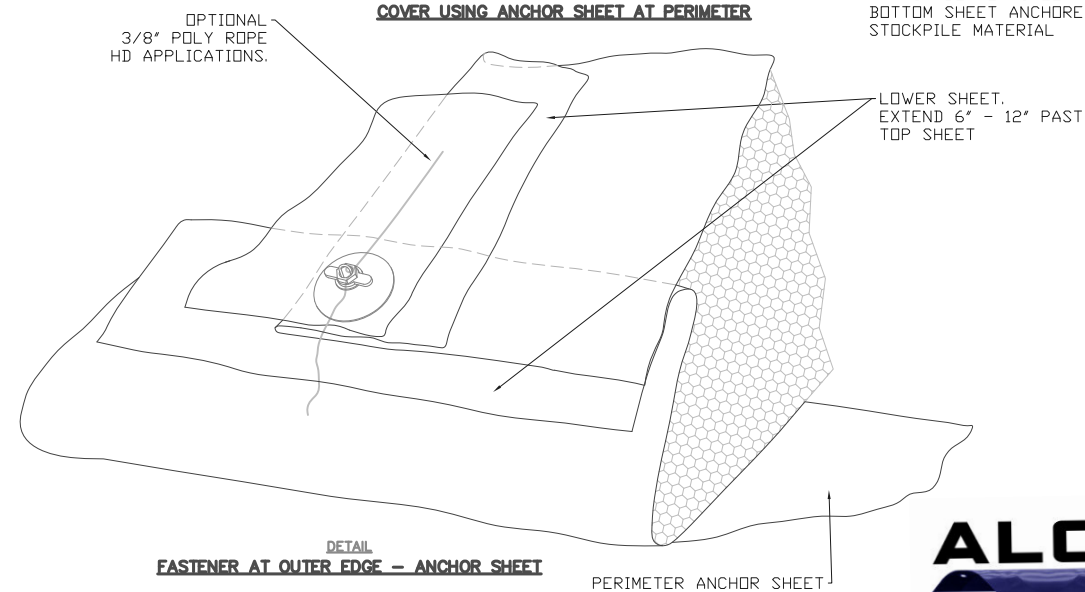
**WIND RESISTANT SEAMS - NOT TO SCALE  
COVER USING STAKED PERIMETER NOT TO SCALE**



**WIND RESISTANT SEAMS - NOT TO SCALE  
COVER USING ANCHOR SHEET AT PERIMETER**



**DETAIL  
FASTENER AT OUTER EDGE - STAKE RESTRAINT**



**DETAIL  
FASTENER AT OUTER EDGE - ANCHOR SHEET**



**General Notes**

**LEVEL 2 SEAM CONSTRUCTION**

USE THIS SEAM METHOD FOR LONG TERM COVERS OR IN WINDY AREAS

FASTENERS 10FT ON CENTER OR AS REQUIRED

LEVEL 2 FOR WINDY CONDITIONS

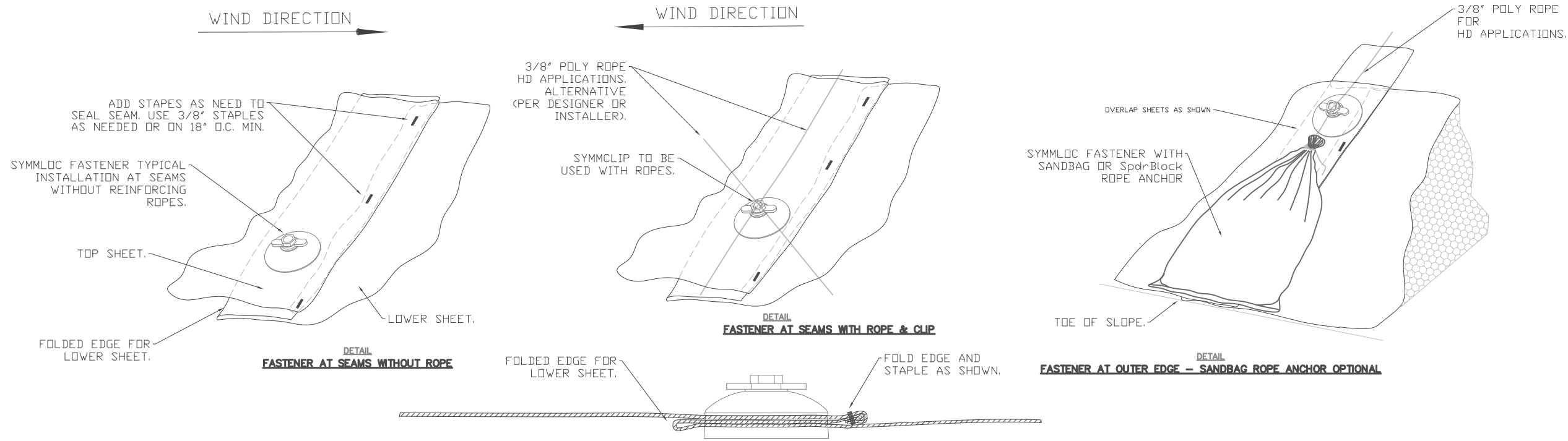
LEVEL 3 FOR EXTREMELY WINDY CONDITIONS

No.	Revision/Issue	Date

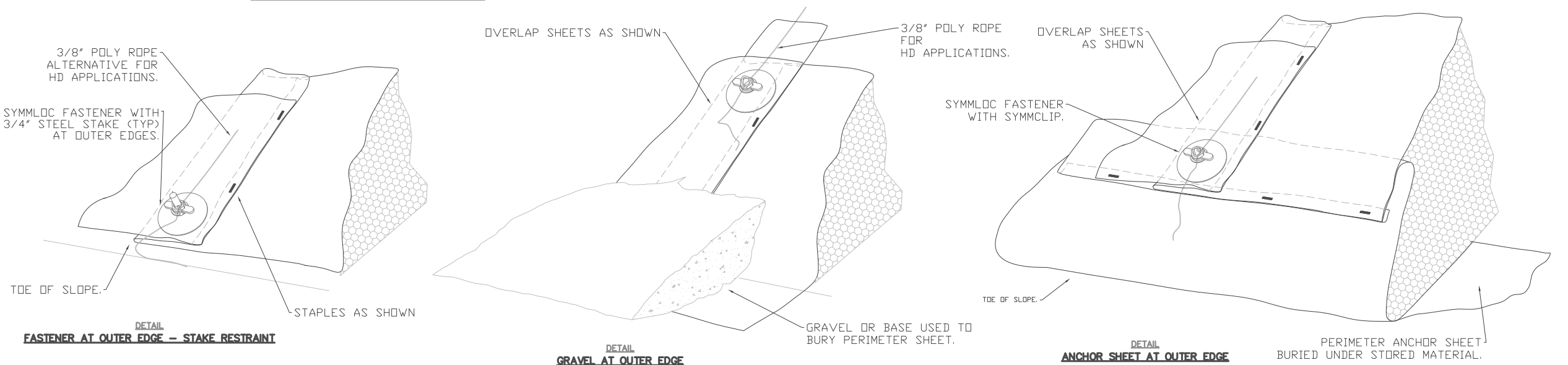
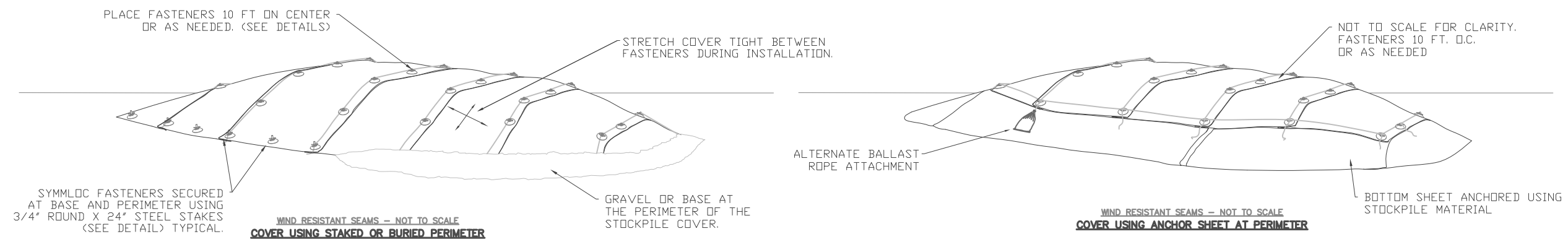
**Firm Name and Address**  
SYMMLOC  
Fasteners  
LEVEL 2  
Seams®

**Project Name and Address**  
SYMMLOC TEMPORARY COVER  
USING FOLDED SEAMS  
FASTENERS ON 10' CENTERS.

<b>Project</b> SEAMS	<b>Sheet</b> D02
<b>Date</b> 01/03/2014	
<b>Scale</b> NONE	



**FOLD & STAPLE SEALED SEAM DETAIL – LEVEL 3 – FASTENERS 10 FT. O.C.**



**OPTIONAL BASE OUTER EDGE RESTRAINT**

**General Notes**

USE THIS SEAM METHOD FOR LONG TERM COVERS OR IN WINDY AREAS

FASTENERS 10FT ON CENTER OR AS REQUIRED

LEVEL 2 WINDY CONDITIONS

LEVEL 3 FOR EXTREMELY WINDY CONDITIONS

VARIOUS BASE OUTER EDGE RESTRAINT



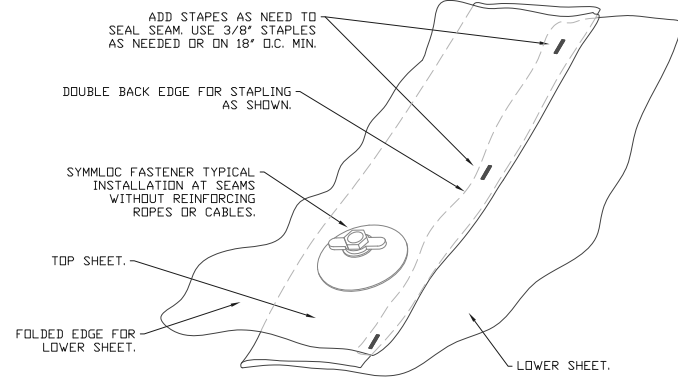
No.	Revision/Issue	Date

Firm Name and Address  
**SYMMLOC**  
 Fasteners  
 LEVEL 3  
 Seams®

Project Name and Address  
 SYMMLOC TEMPORARY COVER  
 USING FOLDED SEAMS  
 FASTENERS ON 10' CENTERS.

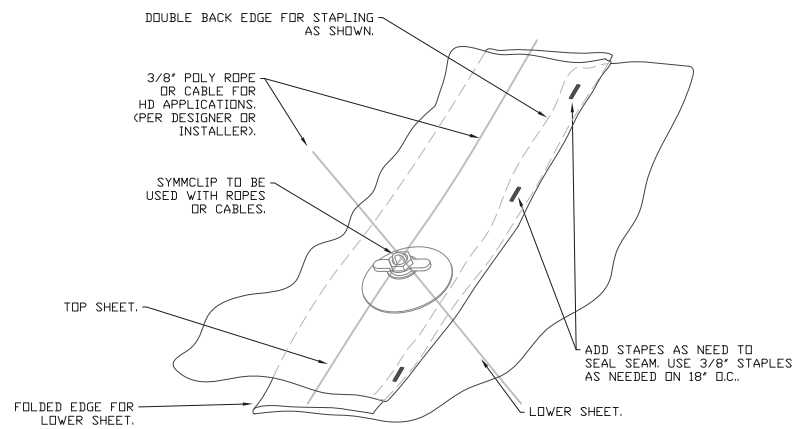
Project	SEAMS	Sheet	<b>D03</b>
Date	01/01/2014		
Scale	NONE		

WIND DIRECTION

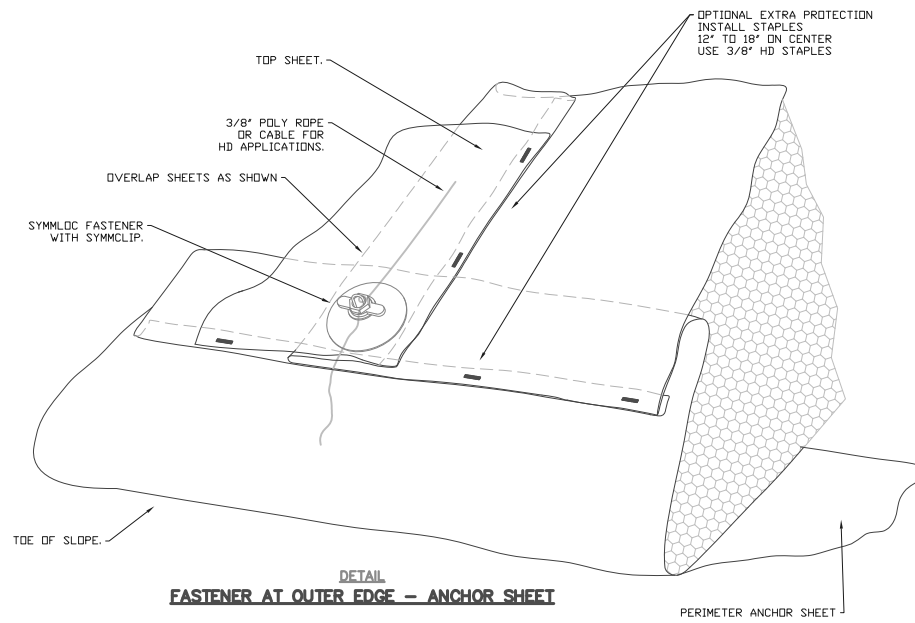


DETAIL  
**FASTENER AT SEAMS WITHOUT ROPE**

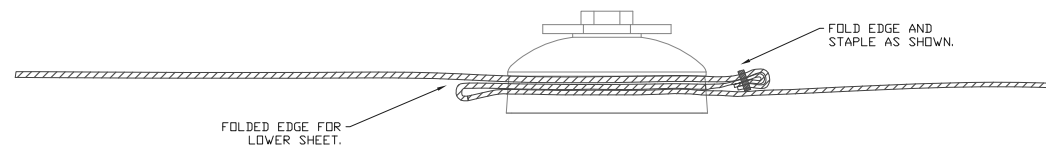
WIND DIRECTION



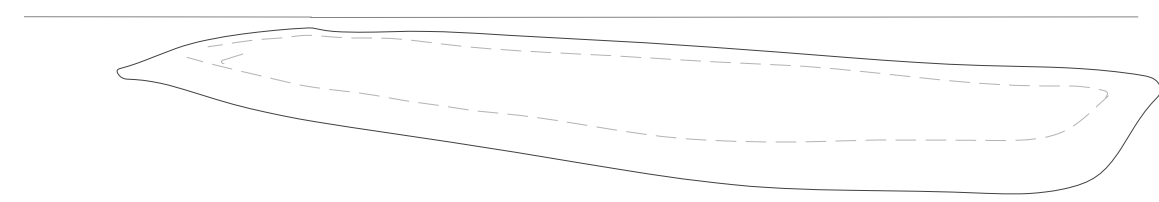
DETAIL  
**FASTENER AT SEAMS WITH ROPE & CLIP**



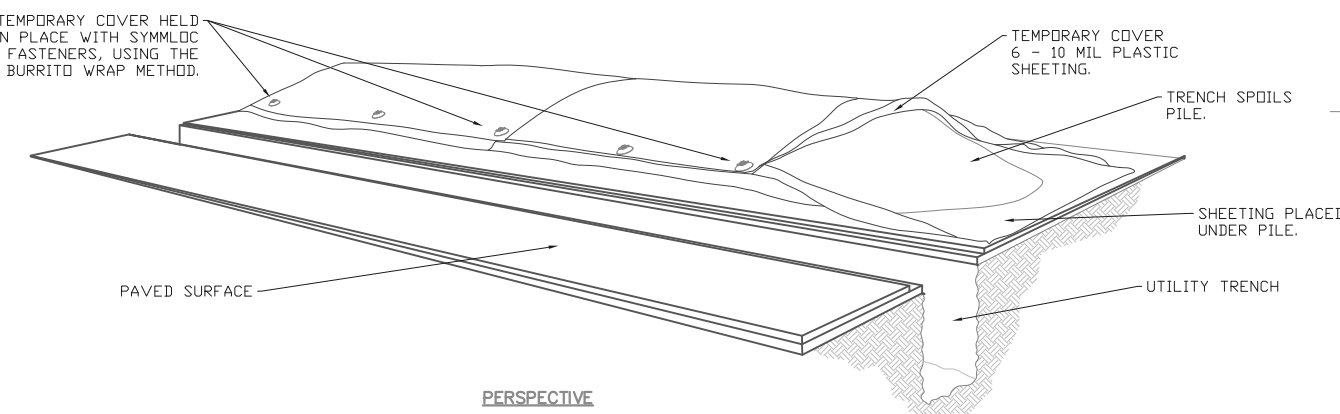
DETAIL  
**FASTENER AT OUTER EDGE - ANCHOR SHEET**



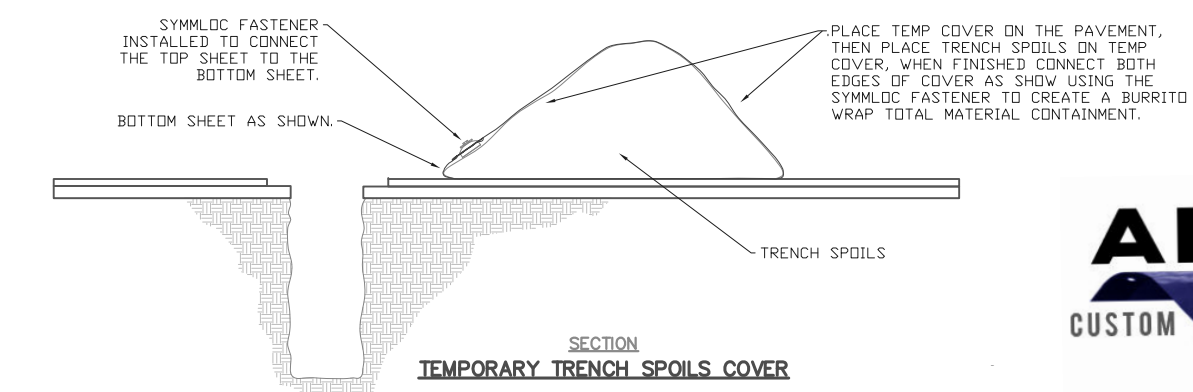
### FOLD & STAPLE SEALED SEAM DETAIL - LEVEL 3



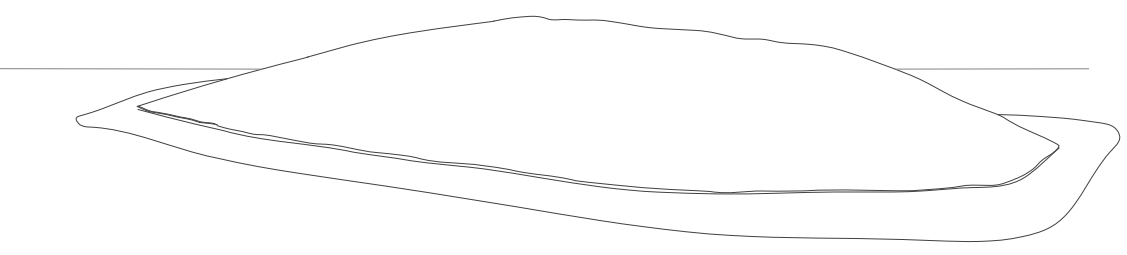
PERSPECTIVE  
**STEP 1 LAY DOWN THE ANCHOR COVER ON THE EXISTING SURFACE**



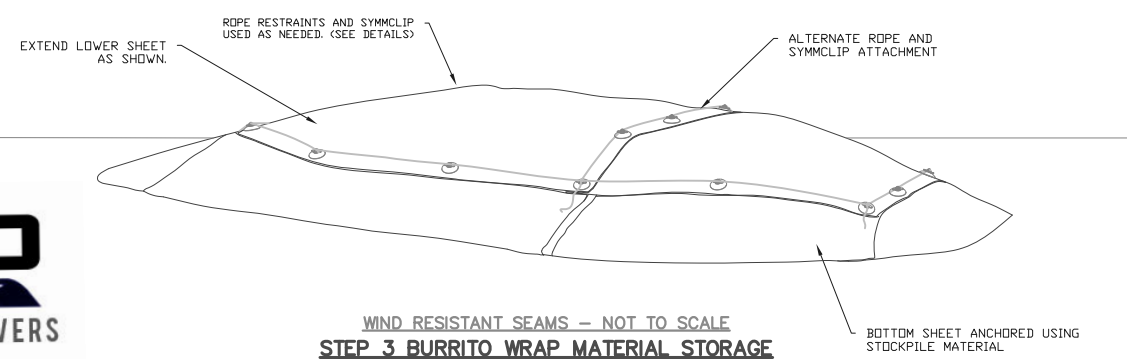
PERSPECTIVE  
**TEMPORARY COVER ON TRENCH SPOILS**



SECTION  
**TEMPORARY TRENCH SPOILS COVER**



PERSPECTIVE  
**STEP 2 PLACE MATERIAL TO STOCKPILED ON ANCHOR COVER**



WIND RESISTANT SEAMS - NOT TO SCALE  
**STEP 3 BURRITO WRAP MATERIAL STORAGE**



**General Notes**

- USES:
- TRENCH SPOILS PROTECTION.
  - CUT BACK STORAGE.
  - LIME AND CEMENT STORAGE.
  - SALT STORAGE.
  - HAZ/MAT STORAGE.
  - BURRITO WRAP SYMMLOC COVERS PROVIDE TOTAL CONTAINMENT OF MATERIALS BEING STORED ON SITE PREVENTING SATURATION OR EXCESSIVE DRYING OF STORED MATERIALS.

THIS METHOD ALSO PROVIDES CONTAINMENT OF STORED MATERIALS KEEPING RUNOFF WATER CLEAN.

VIDEOS ON OUR SITE DETAIL THIS METHOD OF STORING MATERIALS.

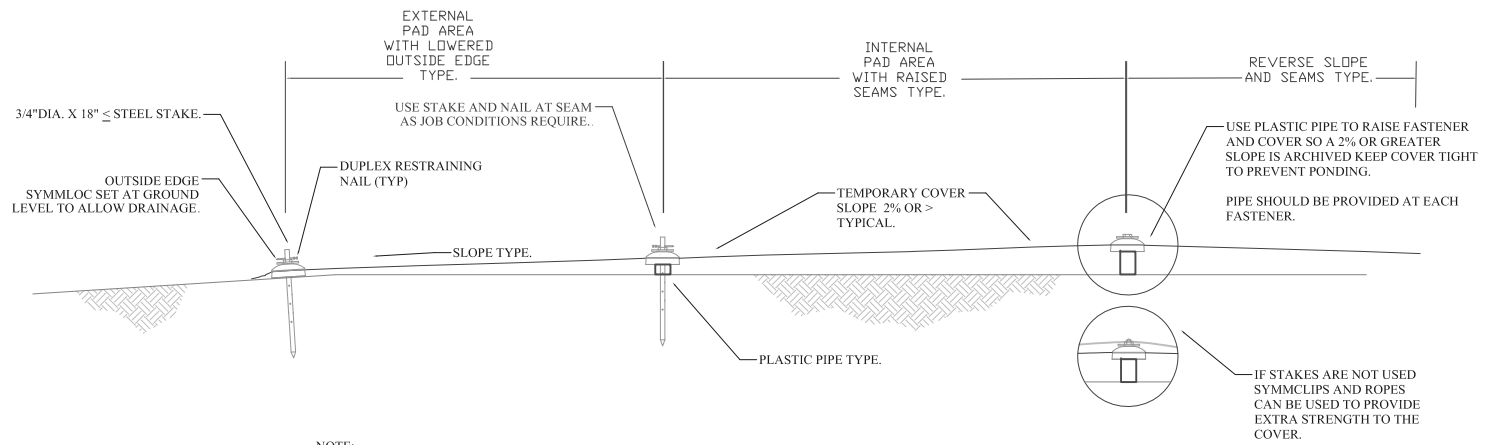
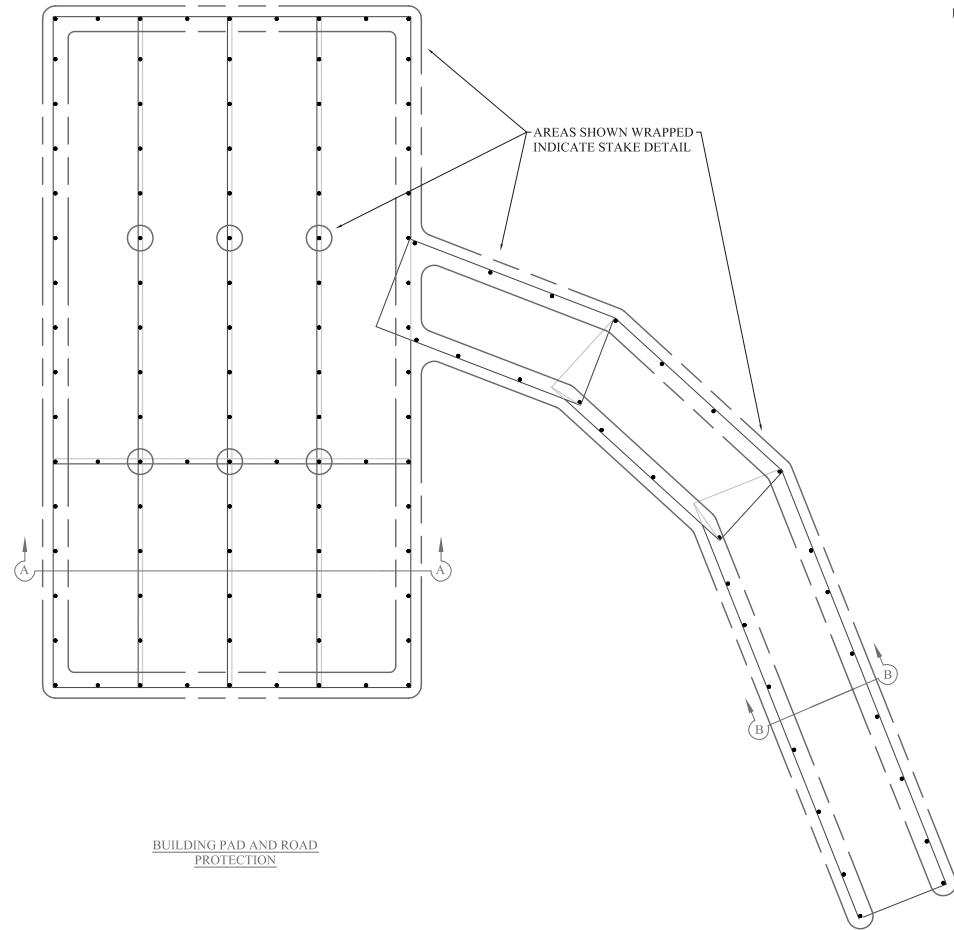
SEE ADDITIONAL DRAWINGS FOR TEMPORARY COVER ALTERNATIVES BY SYMMLOC, COMPARING WEIGHT, REUSABILITY, AND EQUIPMENT.

No.	Revision/Issue	Date

Firm Name and Address  
**SYMMLOC Fasteners**  
**STREET MATERIAL PROTECTION**  
**BURRITO WRAP®**

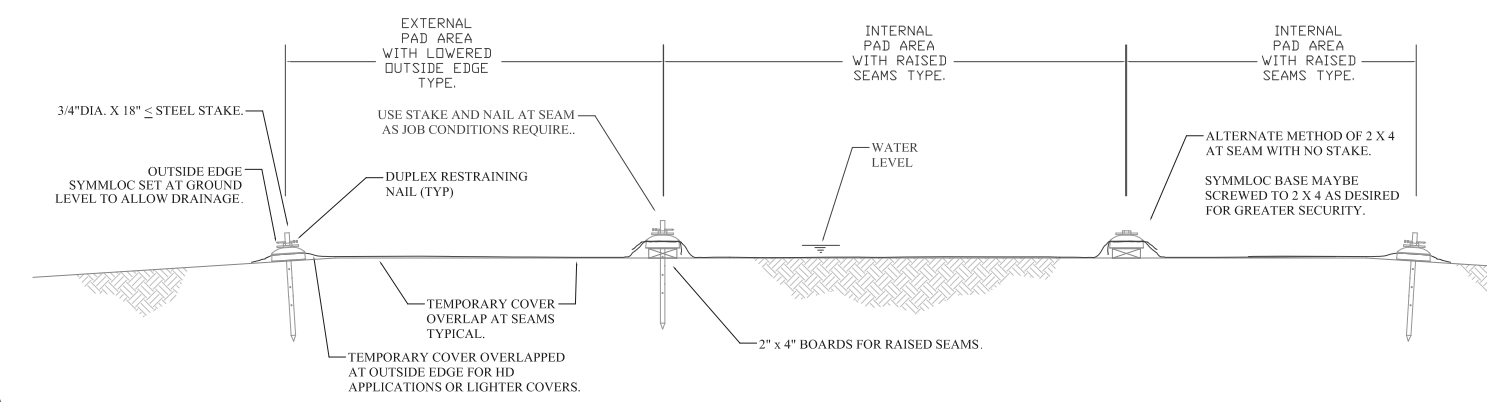
Project Name and Address  
 SYMMLOC TEMPORARY COVER USING 6 OR 10 MIL PLASTIC AND SYMMLOC FASTENERS ON 6' CENTERS

Project	10 mil	Sheet	<b>T02</b>
Date	4/20/2012		
Scale	NONE		



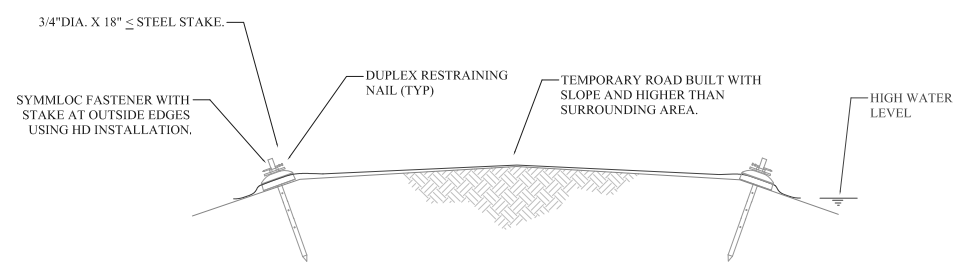
NOTE:  
THIS IS A DETAIL FOR PAD PROTECTION USING 2" X 4" BOARDS TO MAINTAIN INTERNAL RAISED SEAMS TO PREVENT WATER INTRUSION ON THE COVERED SURFACE.  
THE OUTER EDGE SHOULD BE LEFT LOW AND COVERED TO THE POINT WHERE THE SURFACE IS SLOPED AWAY TO ALLOW FOR DRAINAGE.

SECTION A - A  
PAD COVER WITH 1-1/2" TO 4" PLASTIC PIPE AT RAISED SEAMS



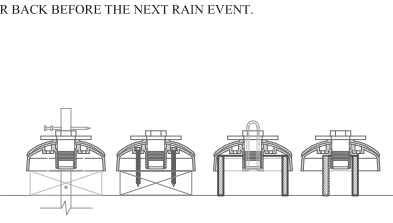
NOTE:  
THIS IS A DETAIL FOR PAD PROTECTION USING 2" X 4" BOARDS TO MAINTAIN INTERNAL RAISED SEAMS TO PREVENT WATER INTRUSION ON THE COVERED SURFACE.  
THE OUTER EDGE SHOULD BE LEFT LOW AND COVERED TO THE POINT WHERE THE SURFACE IS SLOPED AWAY TO ALLOW FOR DRAINAGE.

SECTION A - A  
PAD COVER WITH 2 X 4 RAISED SEAMS

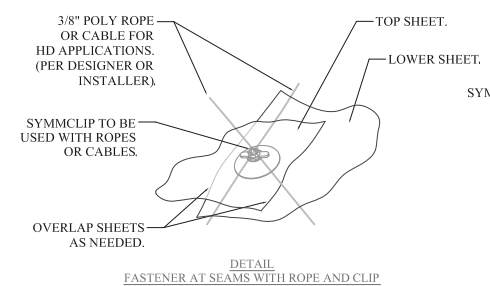


NOTE:  
FASTENERS CAN BE SPACED ACCORDING TO JOB CONDITIONS. SLOPE ROAD FOR DRAINAGE AND COVER DURING RAIN EVENTS. FOLD BACK COVER DURING USE BY DISCONNECTING ONE SIDE BY REMOVING THE NAIL IN THE STAKE THIS WILL PROVIDE AN EASY WAY TO PUT THE COVER BACK BEFORE THE NEXT RAIN EVENT.

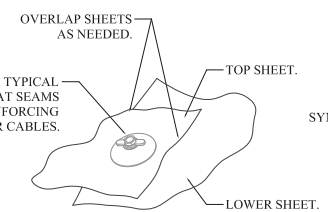
SECTION B - B  
TEMPORARY ROAD



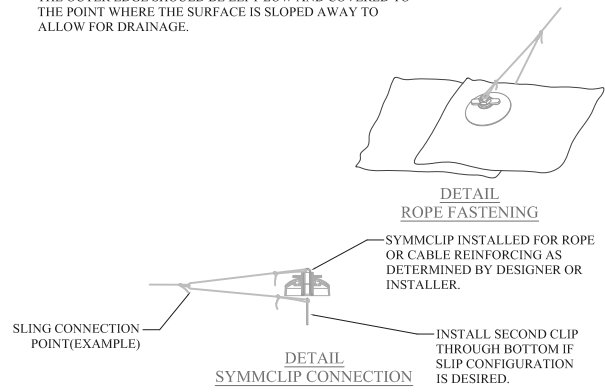
SECTION A - A  
PAD COVER WITH 2 X 4 RAISED SEAMS



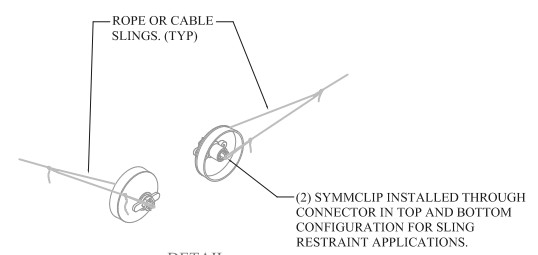
DETAIL  
FASTENER AT SEAMS WITH ROPE AND CLIP



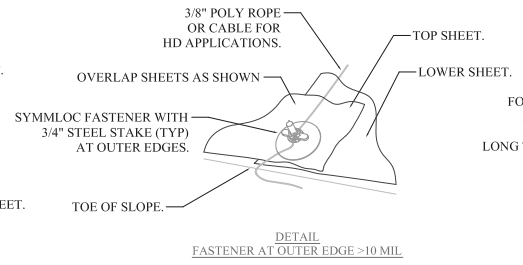
DETAIL  
FASTENER AT SEAMS WITHOUT ROPE



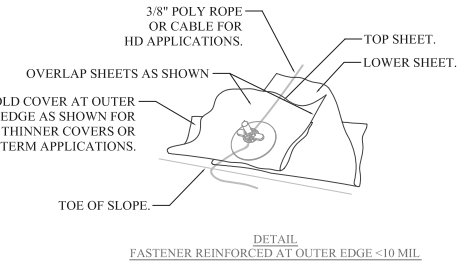
DETAIL  
SYMMCLIP CONNECTION



DETAIL  
DOUBLE CLIP CONNECTION FOR SLING RESTRAINTS



DETAIL  
FASTENER AT OUTER EDGE >10 MIL



DETAIL  
FASTENER REINFORCED AT OUTER EDGE <10 MIL

General Notes		
THIS LAYOUT IS BASED ON USING THE SYMMLOC FASTENER AND 10 MIL PLASTIC VISQUEEN.		
SANDBAGS HAVE BEEN REPLACED WITH THE SYMMLOC FASTENER FOR THIS EXAMPLE.		
SEE ADDITIONAL DRAWINGS FOR TEMPORARY COVER ALTERNATIVES BY SYMMLOC, COMPARING WEIGHT, REUSABILITY, AND EQUIPMENT.		
No.	Revision/Issue	Date

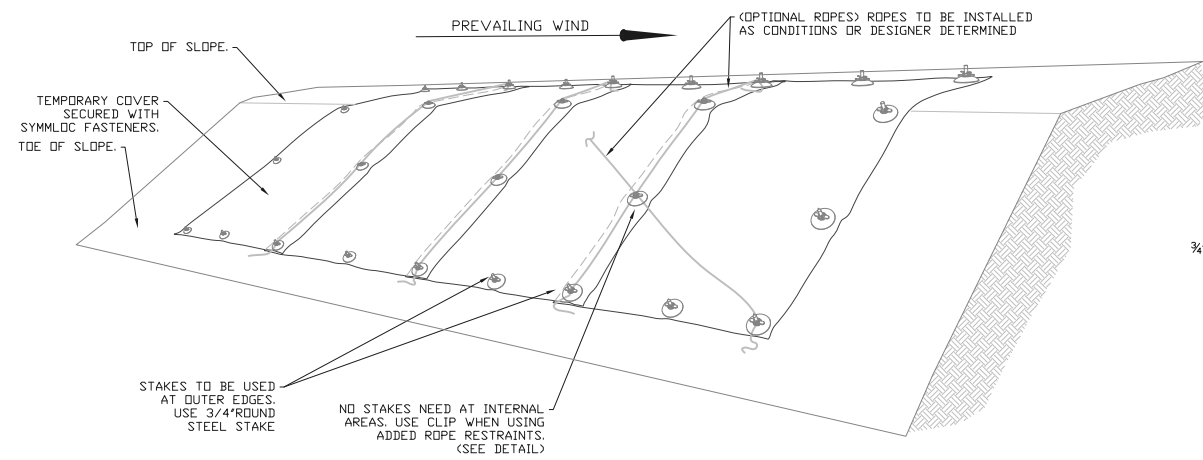
Firm Name and Address  
**SYMMLOC Fasteners**  
Pad Protection  
Temp Levee Cover®

Project Name and Address  
SYMMLOC TEMPORARY COVER  
USING 10 MIL PLASTIC AND SYMMLOC

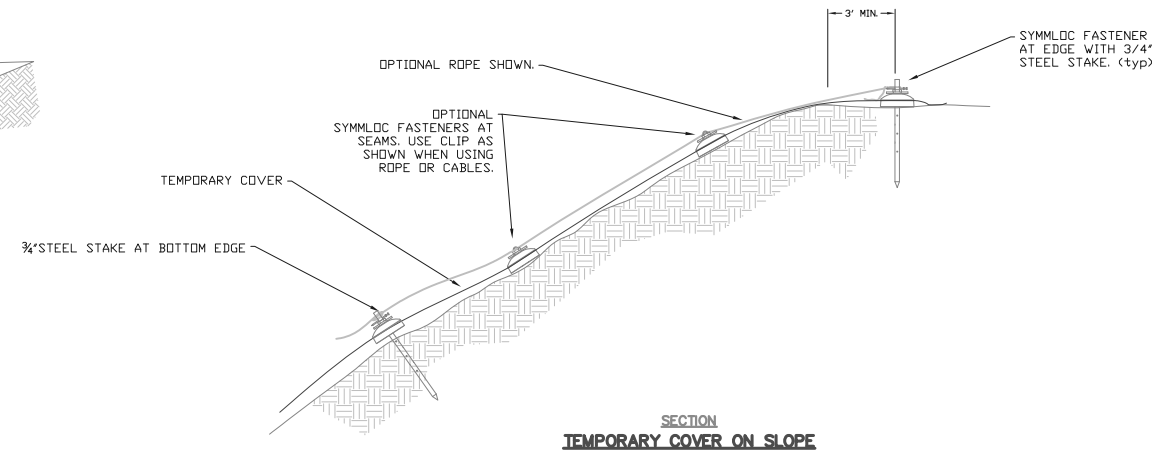
Project	10 mil	Sheet	<b>T03</b>
Date	11/8/2010		
Scale	1" = 20'-0"		

t03-pad-protection.dwg

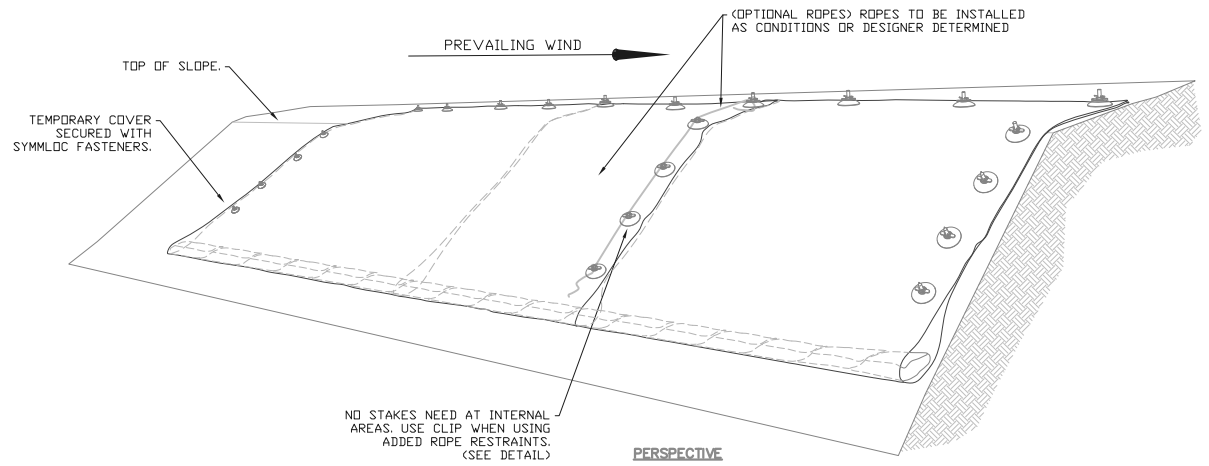
1/20/2010



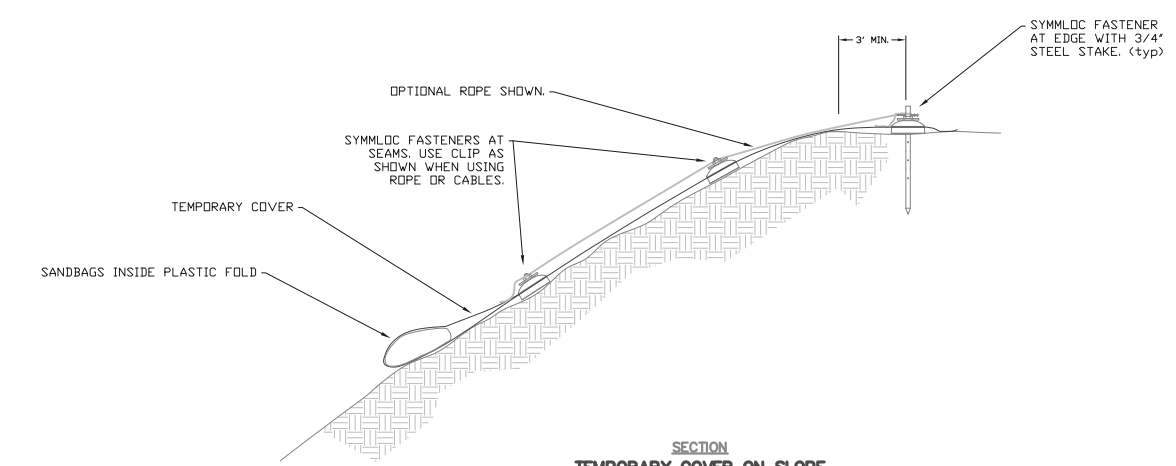
**PERSPECTIVE  
RAINCOAT COVER ON SLOPE**



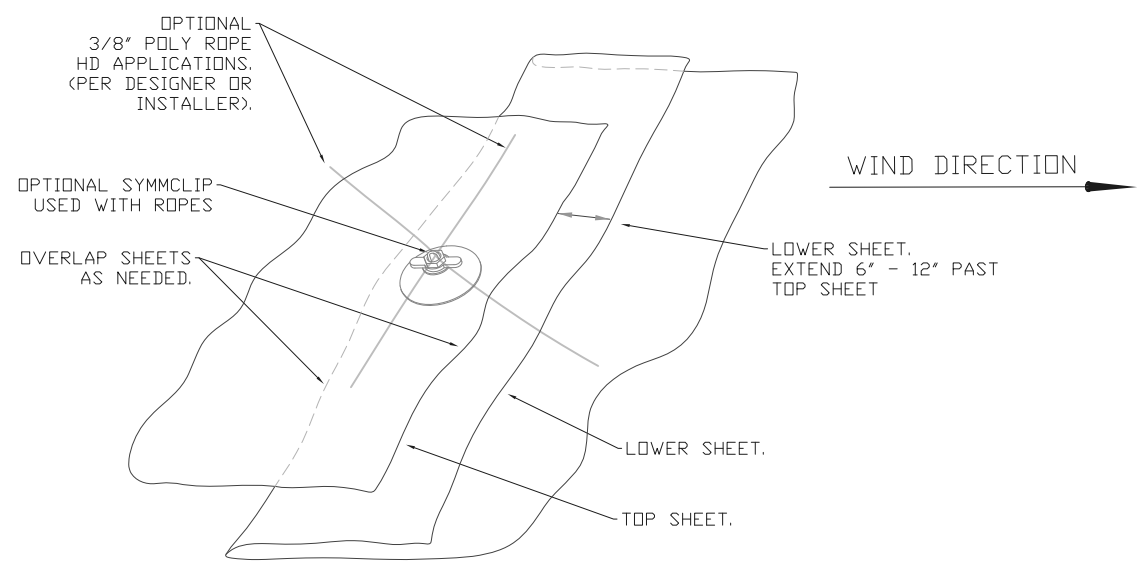
**SECTION  
TEMPORARY COVER ON SLOPE**



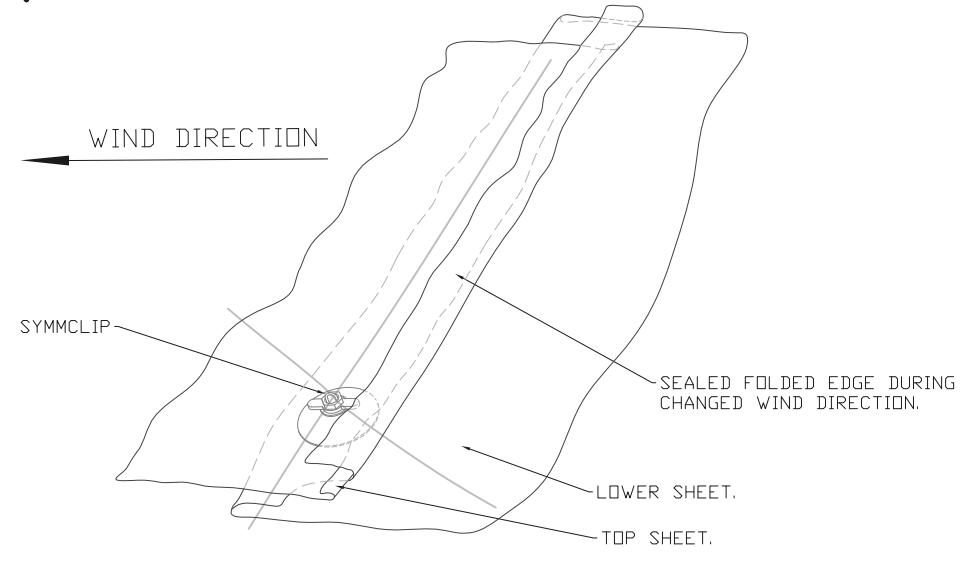
**PERSPECTIVE  
WAVEWASH PROTECTION**



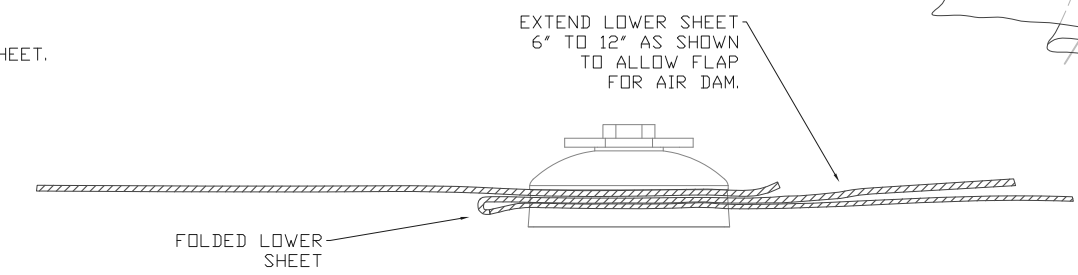
**SECTION  
TEMPORARY COVER ON SLOPE**



**WIND RESISTANT SEAM - DETAIL  
SEAM DURING FORWARD WIND DIRECTION**



**WIND RESISTANT SEAM - DETAIL  
SEAM DURING REVERSED WIND DIRECTION**



**FOLDED SEALED SEAM DETAIL - LEVEL 2 - FASTENERS 10 FT. O.C. TYP.**

**General Notes**

THIS LAYOUT IS BASED ON USING THE SYMMLOC FASTENER AND 10 MIL PLASTIC VISQUEEN.

SANDBAGS HAVE BEEN REPLACED WITH THE SYMMLOC FASTENER FOR THIS EXAMPLE.

SEE ADDITIONAL DRAWINGS FOR TEMPORARY COVER ALTERNATIVES BY SYMMLOC, COMPARING WEIGHT, REUSABILITY, AND EQUIPMENT.



No.	Revision/Issue	Date

**Firm Name and Address**  
**SHEET COVER**  
 Temp Levee or Slope Cover®

**Project Name and Address**  
 SYMMLOC TEMPORARY COVER USING 10 MIL PLASTIC AND SYMMLOC FASTENERS ON 6' CENTERS.

Project	10 mil	Sheet	<b>T10</b>
Date	10/7/2010		
Scale	1" = 15'-0"		