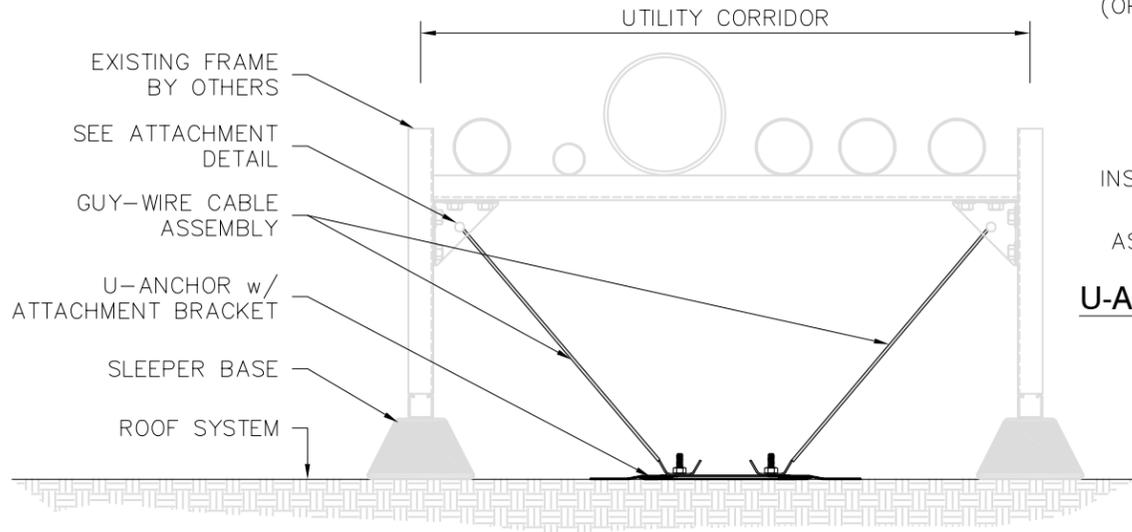




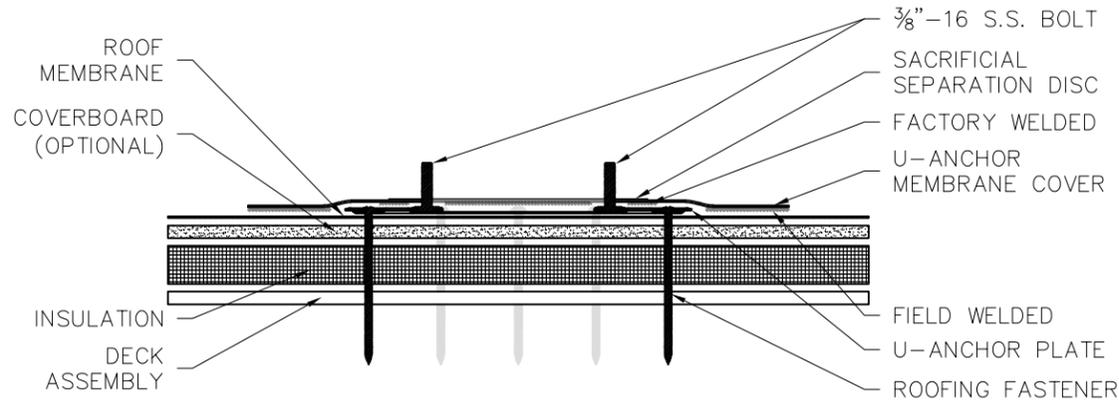
SYSTEM DATA SHEET

EXISTING H-FRAME SECUREMENT - INTERIOR BRACING w/ 3000 SERIES U-ANCHOR

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Connections That Last



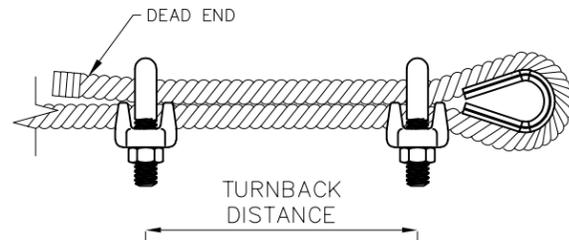
ELEVATION VIEW



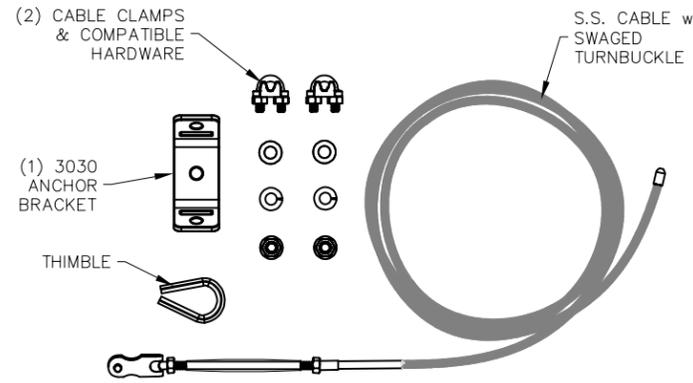
U-ANCHOR CROSS-SECTION - 3000 SERIES

NOTES:

1. THE DESIGN AND APPLICATION OF THE H-FRAME SECUREMENT SYSTEM MUST BE PERFORMED BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.
2. ALL HARDWARE IS TO BE GALV. COATED OR STAINLESS STEEL.
3. INSTALLATION SHALL BE PERFORMED BY CERTIFIED INSTALLERS AND COMPLY WITH THE ROOFING MANUFACTURER'S AND ANCHOR PRODUCT'S INSTALLATION SPECIFICATIONS.
4. FASTENER HARDWARE SHALL BE INSTALLED PER THE FASTENER MANUFACTURE'S SPECIFICATIONS TO THE SUBSTRATE INCLUDING DECK PENETRATION AND OTHER SPECIFIED STANDARDS.
5. SEAM WELDS MUST COMPLY WITH THE ROOFING MANUFACTURER'S REQUIREMENTS. THE AREA SHOULD BE CLEANED AND FREE OF DEBRIS AS PER THE ROOFING MANUFACTURER'S SPECIFICATION. TYPICAL SEAM WELDS ARE A MINIMUM 1.5". SEAMS MUST BE PROBED TO ENSURE A SUFFICIENT WELD HAS BEEN ACHIEVED. USE CUT EDGE SEALANT AS MANDATED BY THE ROOFING MANUFACTURER.



ROPE CLIP ATTACHMENT DETAIL



GUY WIRE COMPONENTS

SPECS:

IN THE EVENT THE H-FRAME SECUREMENT SYSTEM IS INSTALLED, USED, OR APPLIED WITHOUT THE REQUIRED DESIGN AND DIRECTION OF A QUALIFIED, LICENSED PROFESSIONAL ENGINEER, THE USER AGREES TO INDEMNIFY, DEFEND, AND HOLD HARMLESS ANCHOR PRODUCTS, LLC, ITS OFFICERS, DIRECTORS, EMPLOYEES, AND AGENTS FROM AND AGAINST ANY AND ALL CLAIMS, LIABILITIES, LOSSES, DAMAGES, AND EXPENSES (INCLUDING REASONABLE ATTORNEY'S FEES) ARISING FROM OR RELATED TO SUCH NON-COMPLIANT USE.

TESTED IN ACCORDANCE WITH FM 4481.4.1 SF OF 2 SHOULD BE USED FOR ALLOWABLE LOADS. A SF OF 4 SHOULD BE USED IN LIFE SAFETY APPLICATIONS. BASED ON LAB TESTED RESULTS, IN-SITU RESULTS MAY VARY. CONTACT ANCHOR PRODUCTS DIRECTLY FOR ADDITIONAL ENGINEERING INFORMATION

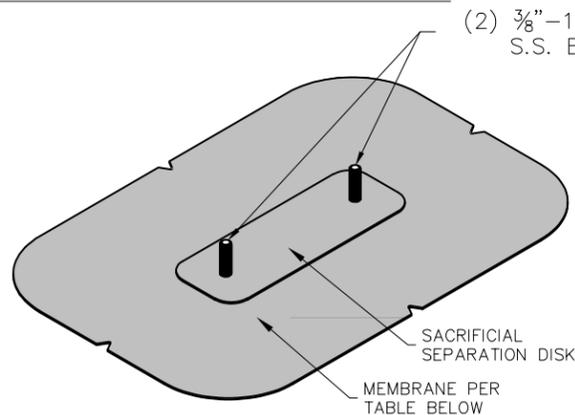
1. BOLT IS 3/8"-16x1 3/8" 304 STAINLESS STEEL
2. PLATE IS 5.5"Ø, 19ga THICK G90 GALVANIZED STEEL
3. FASTENER HOLES ARE 0.265"Ø
4. 3/16" STAINLESS STEEL 7x19 AIRCRAFT CABLE SWAGED TO A S.S. TURNBUCKLE AND SWAGED OPEN SOCKET. COMES IN 12', 20', OR CUSTOM LENGTHS.
5. CABLE PERFORMANCE:
CABLE CLIPS MUST BE INSTALLED CORRECTLY WITH PROPER TURNBACK DISTANCE, CLIPS APPROPRIATELY TORQUED, AND PLACED IN THE RIGHT ORIENTATION.
ULTIMATE LOAD
TENSILE 3/16" S.S.: 2885 lbf.
TENSILE 5/16" S.S.: 7600 lbf
6. ANCHOR PERFORMANCE:
ULTIMATE LOADS
SHEAR: 3140 lbf.
TENSILE: 2700 lbf.

HARDWARE

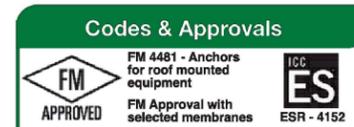
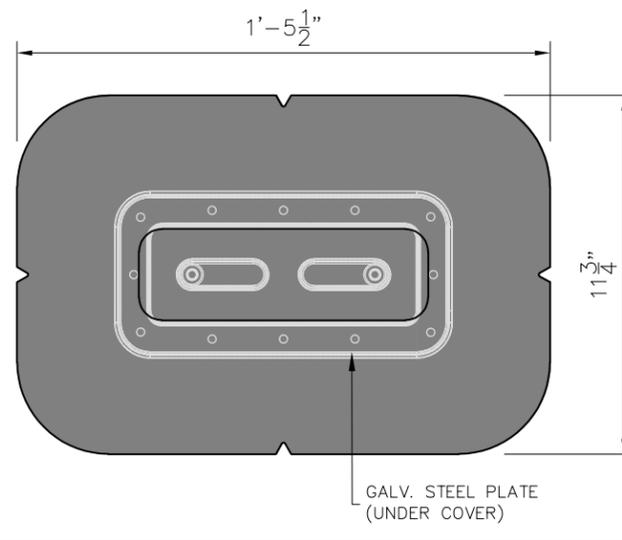
ROOF TYPE	HARDWARE KIT
METAL DECK (24ga MIN)	(12) #14 or #15 ROOF FASTENERS
PLYWOOD SHEETING (3/4" MIN)	(12) #14 ROOF FASTENERS
PARTICLE SHEETING (1" MIN)	(12) #14 ROOF FASTENERS
CONCRETE DECK (STD WEIGHT)	(8) #14 CONCRETE FASTENERS

MEMBRANE OPTIONS

TPO	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, DURALAST, GAF, IKO, VERSICO
PVC\KEE	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, DURALAST, FIBERTITE, FLEX, GAF, IB, IKO, SIKA SARNAFIL, VERSICO, WEATHER BOND
EPDM	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, VERSICO
APP	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO
SBS\TORCH	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO
BUR	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO



U-ANCHOR - 3000 SERIES



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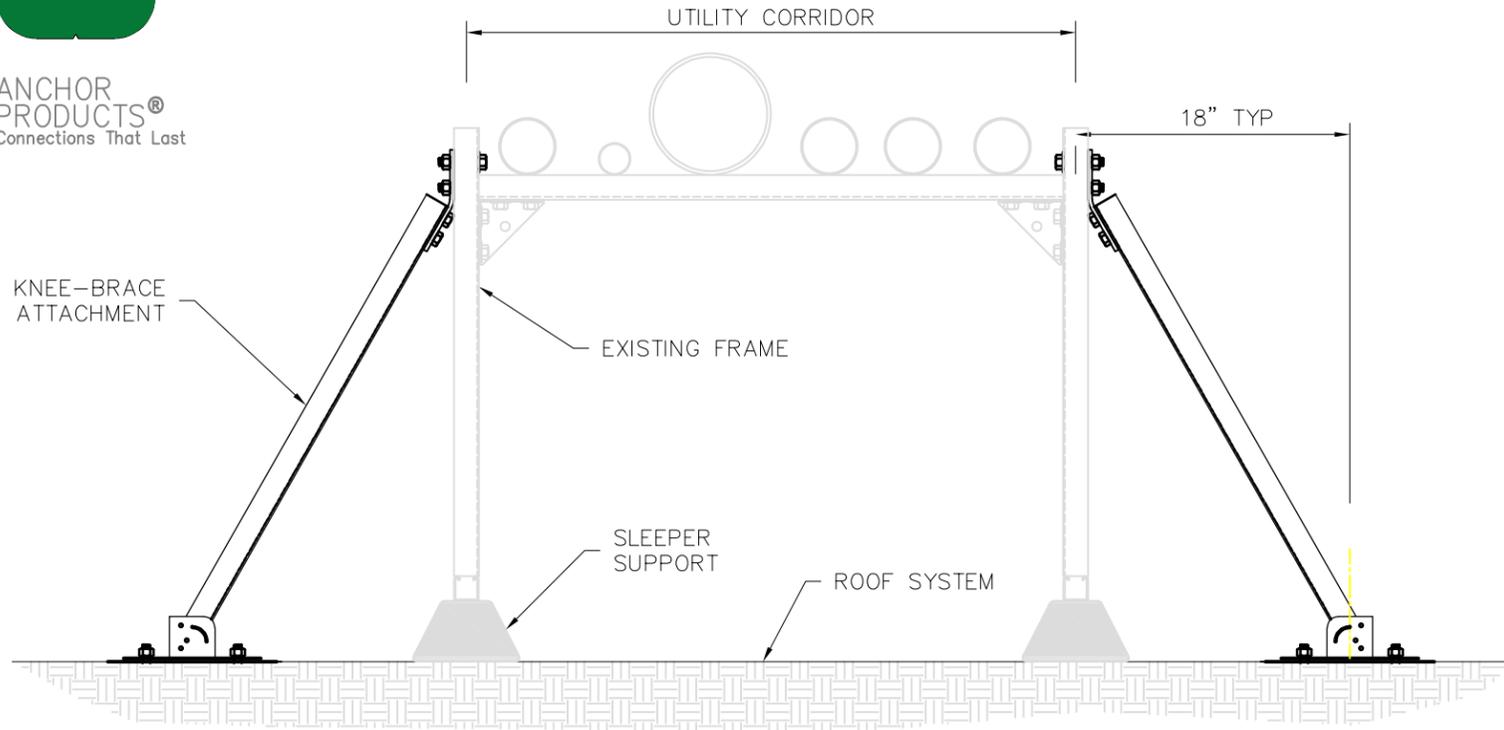
EFFECTIVE: JULY 2025



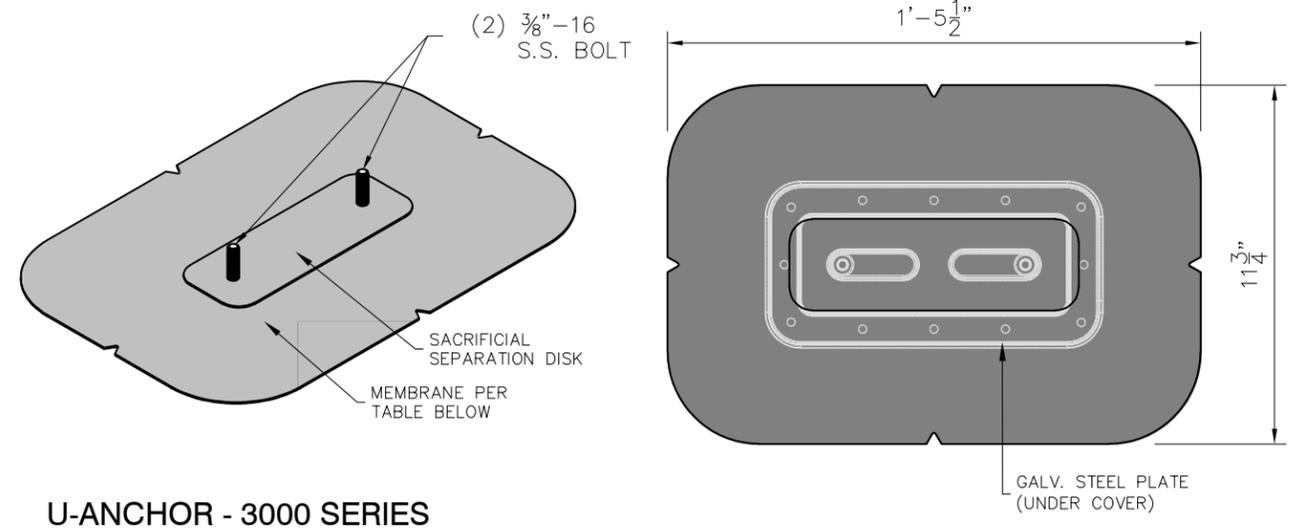
SYSTEM DATA SHEET

EXISTING H-FRAME SECUREMENT - RIDGED KNEE BRACING

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Connections That Last



ELEVATION VIEW



U-ANCHOR - 3000 SERIES

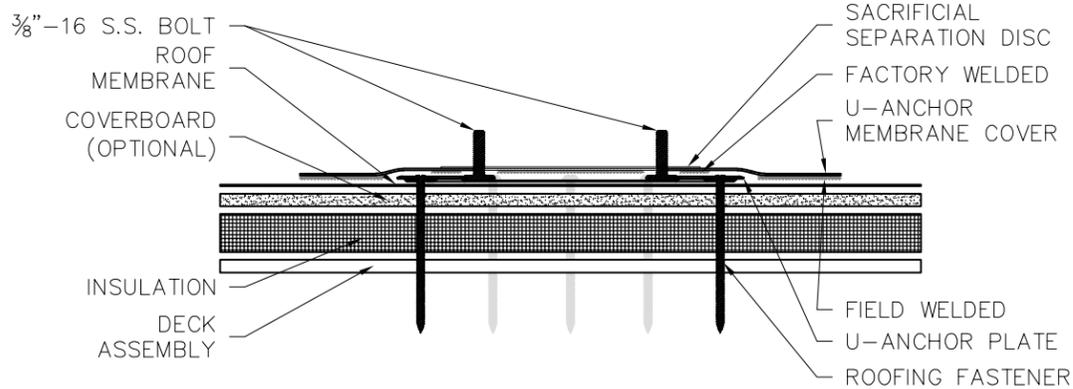
NOTES:

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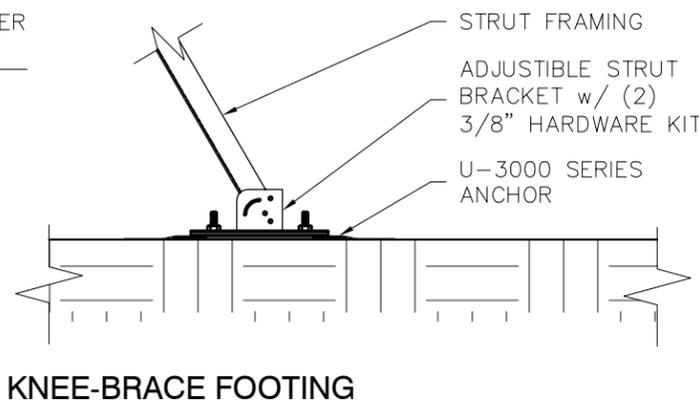
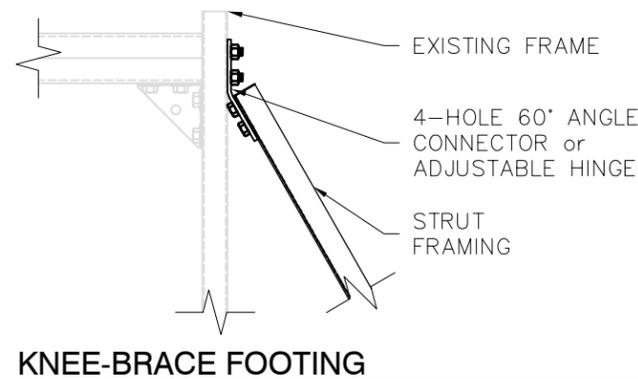
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U-ANCHOR CROSS-SECTION - 3000 SERIES



MEMBRANE OPTIONS

TPO	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, DURALAST, GAF, IKO, VERSICO
PVC\KEE	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, DURALAST, FIBERTITE, FLEX, GAF, IB, IKO, SIKA SARNAFIL, VERSICO, WEATHER BOND
EPDM	ELEVATE, GEN FLEX, JM, MULE HIDE, CARLISLE, VERSICO
APP	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO
SBS\TORCH	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO
BUR	ELEVATE, GEN FLEX, JM, MULE HIDE, CERTAINTEED, DERBIGUM, GAF, GARLAND, MALARKEY, POLYGLASS, SIPLAST, SOPREMA, TREMCO

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ULTIMATE LOADS
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HARDWARE

ROOF TYPE	HARDWARE KIT
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PARTICLE SHEETING (1" MIN)	(12) #14 ROOF FASTENERS
CONCRETE DECK (STD WEIGHT)	(6) #14 CONCRETE FASTENERS

Codes & Approvals

FM 4481 - Anchors for roof mounted equipment

ESR-4152

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