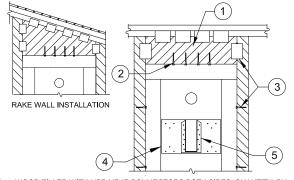
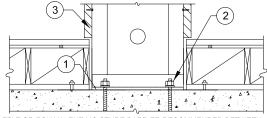
BACK TO BACK INSTALLATION



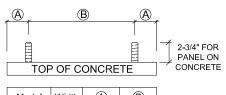
- WOOD FILLER WITH USP MP4F CONNECTORS BOTH SIDES, QUANTITY BY BUILDING DESIGN PROFESSIONAL.
- 1/4" x 3" (MINIMUM) WS SCREWS, QUANTITY PER TABLES ADJACENT FRAMING WITH 1/4" DIAMETER SCREWS INSTALLED THROUGH PRE-PUNCHED HOLES IN PANEL EDGES REQUIRED WHEN INSTALLING A FILLER GREATER THAN 1-1/2" ABOVE TO BRACE OUT-OF-PLANE HINGE.
- PRE-DRILL 3/16" DIA. HOLES, EVENLY SPACED IN FACE OF PANEL NO LESS THAN 2-1/4" OC AND INSTALL 1/4" DIA. WOOD SCREWS INTO 2x (MIN.) WOOD "LEDGER" IN PANEL CAVITY.
- 5. CONNECTOR AND ATTACHMENT BY BUILDING DESIGN PROFESSIONAL

FILLER GREATER THAN 1-1/2 IN.



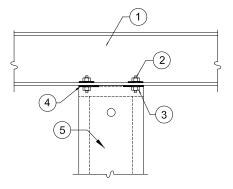
- 15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED BETWEEN PANEL BASE AND CONCRETE.
- NUTS AND WASHERS PER TABLE NOTE 1.
 ADJACENT FRAMING WITH 1/4" DIAMETER SCREWS INSTALLED AT THE PANEL EDGES WHEN INSTALLING A FILLER GREATER THAN 1-1/2" ABOVE OR WHEN SPECIFIED BY DESIGN PROFESSIONAL.

RAISED FLOOR HEAD-OUT



Model	Width	A	B
HFX-9x	9"	1-3/4"	5-1/2"
HFX-12x	12"	1-3/4	8-1/2"
HFX-15x	15"		9-3/4"
HFX-18x	18"	2-5/8"	12-3/4"
HFX-21x	21"	2 0/0	15-3/4"
HFX-24x	24"		18-3/4"

HFX ANCHOR CENTERLINES

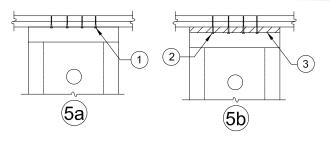


- STEEL BEAM PER PLANS ALL THREAD RODS THRU-BOLTED TO STEEL BEAM BY BUILDING
- NUTS AND WASHERS PER TABLE NOTE 1.

 HARDY FRAME* STACKING WASHERS (HFSW) REQUIRED TO BE WELDED INSIDE TOP CHANNEL OF LOWER PANEL.

 5. HARDY FRAME® "STK" PANEL WITH STACKING WASHERS WELDED

STEEL BEAM ABOVE THRU-BOLT

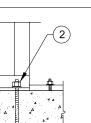


- 1/4" \times 3" (MINIMUM) WS SCREWS, QUANTITY PER TABLES 1/4" \times 4-1/2" (MINIMUM) WS SCREWS, QUANTITY PER TABLES
- 2x WOOD FILLER.

6

(8)

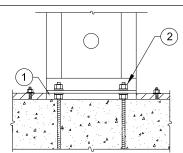
TOP PLATE CONNECTIONS



(5)

- 15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED BETWEEN PANEL BASE AND CONCRETE.
- NUTS AND WASHERS PER TABLE NOTE 1.

INSTALLATION ON CONCRETE

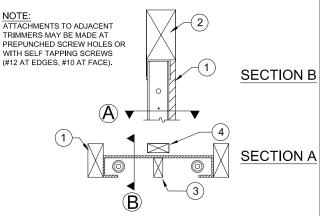


ALLOWABLE VALUES ON N&W ARE LESS THAN INSTALLATION ON CONCRETE

- PLUS OR MINUS 1-1/2" GAP TO BE FILLED WITH 5,000 PSI NON-SHRINK GROUT (MINIMUM).

 2. NUT AND WASHER GRADES PER TABLE NOTE 1.

(11) INSTALLATION ON NUTS & WASHERS (10)

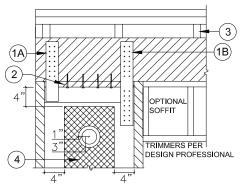


- TRIMMERS PROVIDE FULL BEARING FOR HEADER ABOVE, DESIGN AND CONNECTIONS BY BUILDING DESIGN PROFESSIONAL.
- WOOD MEMBERS FOR BACKING MAY BE INSERTED VERTICALLY OR HORIZONTALLY IN THE PANEL CAVITY AS NEEDED.
- WOOD MEMBER FLUSH TO FACE OF WALL FOR BACKING AS NEEDED.

6x HEADER ABOVE-SECTIONS



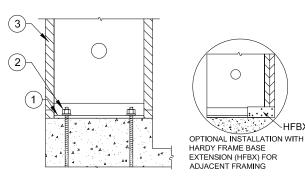
NOTE: TO PREVENT DRILLING ADDITIONAL HOLES ORIENT THE PANEL CAVITY



- (A) PRE-WELDED STRAPS ARE PROVIDED ON 78" AND 79-1/2" PANEL HEIGHTS THEY ARE AVAILABLE FOR OTHER HEIGHTS UPON REQUEST.

 (B) FIELD INSTALLED STRAPS WITH SELF TAPPING SCREWS ARE PERMITTED. THE DESIGN AND CONNECTION IS BY THE DESIGN PROFESSIONAL.
- A 2x WOOD FILLER WITH 1/4"x4-1/2" (MIN.) WS SCREWS IS PERMITTED. WHEN CRIPPLE STUDS OCCUR, SHEAR TRANSFER DESIGN TO BE PER THE
- BUILDING DESIGN PROFESSIONAL.
 A 1" DIA. HOLE MAY BE ADDED IN THE PANEL FACE WHEN IT IS LOCATED IN THE UPPER HALF OF THE PANEL HEIGHT AND IS 4" MINIMUM FROM ANY EDGE. FOR PANELS MORE THAN 12" WIDE. ADDITIONAL HOLES MUST BE OFFSET 1" MINIMUM FROM THE 3" DIA. PREPUNCHED HOLE. FOR HOLES LARGER THAN 1" DIAMETER OR TO ADD MORE THAN ONE HOLE CONTACT MITEK HARDY FRAME TECHNICAL SUPPORT AT (800) 754-3030.

TOP CONNECTION TO HEADER



- 15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED BETWEEN PANEL BASE AND CONCRETE. NUTS AND WASHERS PER TABLE NOTE 1.
- ADJACENT FRAMING OPTIONAL U.N.O. BY BUILDING DESIGN PROFESSIONAL.

INSTALLATION ON CURB

(9)

HEX PANELS 78 IN THROUGH NOMINAL 10 FEET

THE STATE OF THE S								
	Model Number	Net Height (in)	Depth (in)	Hold Down Diameter ¹ (in)	Top Screw Qty ² (ea)	Screw Qty Available a Edges (ea)		
	HFX-12,15,18,21 & 24x78	78	3-1/2	1-1/8	9" Width = 5 12" Width = 6 15" Width = 8 18" Width = 10 21" Width = 12			
	HFX-9x79.5	79-1/2				4		
	HFX-12,15,18,21 & 24x8	92-1/4						
	HFX-9x8	93-3/4						
	HFX-12,15,18,21 & 24x9	104-1/4				24" Width = 14	1	
	HFX-12,15,18,21 & 24x10	116-1/4				5		

- TABLE NOTES STD OR HS HOLD DOWN ANCHOR BOLTS CONNECT TO THE PANEL BASE WITH HARDENED ROUND WASHERS BELOW GRADE 8 NUTS. ALTERNATE WASHERS ARE (2 EA) ROUND-FLAT OR (2 EA) SAE WASHERS ON EACH BOLT. ALTERNATE NÚTS ARE 2H HEAVÝ HEX.
- 1/4" DIAMETER MITEK®PRO SERIES™WS SCREWS. LENGTH IS 3" (MINIMUM) WHEN ATTACHED DIRECTLY TO THE COLLECTOR AND 4-1/2" (MINIMUM) WHEN INSTALLING A 2x FILLER ABOVE THE PANEL.
- ADJACENT FRAMING WITH 1/4" DIAMETER SCREWS IS REQUIRED AT THE PANEL EDGES WHEN INSTALLING A FILLER ABOVE THE TOP CHANNEL THAT IS GREATER THAN 1-1/2" OR WHEN SPECIFIED BY THE DESIGN



REVISIONS DATE

PANEL!

HFX

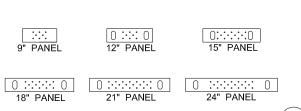
1

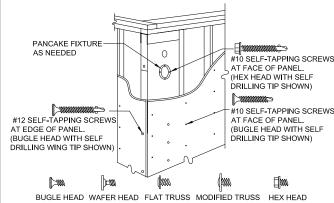
FRAMING DETAILS

THIS DETAIL SHEET IS NOT PROPRIETARY AND IS NOT REQUIRED FOR PLAN SUBMITTAL WITH MITEK $^{\circ}$ HARDY FRAME $^{\circ}$ PRODUCTS

- INSTALLATION INSTRUCTIONS

 1. WHEN INSTALLING ON CONCRETE CONNECT WITH (1 EA) HARDENED ROUND WASHER BELOW (1 EA) GRADE 8 NUT, SECURE WITH A DEEP SOCKET (RECOMMENDED) UNTIL SNUG TIGHT. ALTERNATE WASHERS AND NUTS ARE PROVIDED IN TABLE NOTE 1
- 2. INSTALLATION ON CONCRETE PROVIDES THE HIGHEST ALLOWABLE VALUES. CONFIRM WITH THE DESIGN PROFESSIONAL BEFORE INSTALLING ON OTHER SUPPORTING SURFACES. USE 1/4"X4-1/2" MITEK® PRO SERIES™ WS SCREWS AT TOP CONNECTIONS
- WITH A 2x FILLER. IF THE TOP OF PANEL IS IN DIRECT CONTACT WITH THE COLLECTOR ABOVE (TOP PLATES, HEADER, BEAM, ETC.) USE1/4 x 3"
- 4. FOR INSTALLATIONS WITH A FILLER GREATER THAN 1-1/2" ABOVE, OR WHEN SPECIFIED BY THE DESIGN PROFESSIONAL, ADJACENT KING POSTS TO BRACE THE OUT-OF-PLANE HINGE CAN BE CONNECTED WITH 1/4" DIA. SCREWS THROUGH PRE-PUNCHED HOLES AT THE PANEL EDGES.





SURFACE FINISHES, CONNECTORS AND FIXTURES ARE ATTACHED TO THE PANEL FACE WITH #10 SELF-TAPPING SCREWS SPACED NO LESS THAN 2-1/4" OC.

SELF DRILLING WING TIP

- ATTACHMENTS TO THE PANEL EDGES ARE MADE WITH # 12 SELF-TAPPING SCREWS C. STRUCTURAL CONNECTIONS ARE TO BE DESIGNED BY THE DESIGN PROFESSIONAL D. STRUCTURAL HARDWARE USED TO TRANSFER LOADS SHOULD NOT EXCEED 12

SELF DRILLING TIP



Canada MiTek (



MiTek

DATE: 8-1-2018

HFX1 CANADA