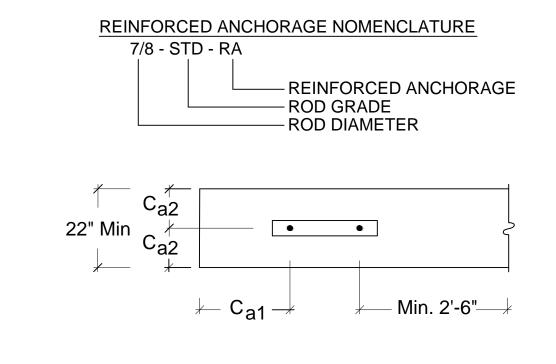
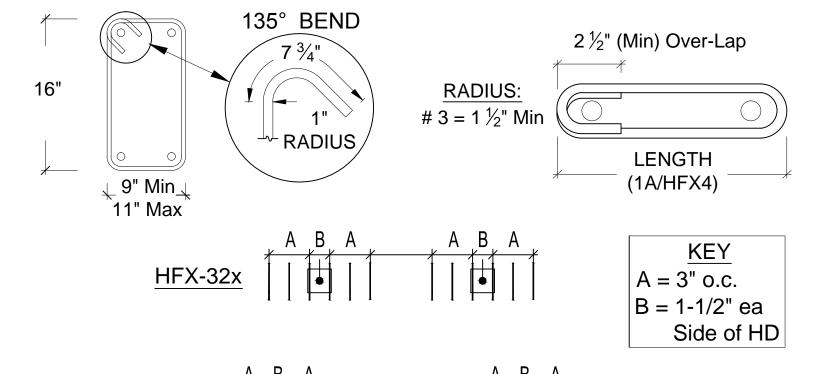
BACK TO BACK REINFORCED ANCHORAGE (BB-RA) Dia Rod 2,3 le 4 Ca 5 Ca 6 Stirrups 9 Shear 7 (in) Grade (in) (in) (in) (in) Ties Anchorage 1 Frame Height 1-1/8-STD-BB-RA STD HFX-32x 23-3/4 1-1/8-HS-BB-RA HS 8' - 13' 12 - # 4 11 @ 4" OC STD 1-1/8-STD-BB-RA HFX-44x HS 1-1/8-HS-BB-RA BACK TO BACK REINFORCED ANCHORAGE NOMENCLATURE 7/8 - STD - BB - RA ☐ REINFORCED ANCHORAGE - "BACK TO BACK" INSTALLATION ROD GRADE - ROD DIAMETER C_{a2} C_{a2} ✓ Min. 2'-6" 2½" (Min) Over-Lap 135° BEND RADIUS: 16" # 3 = 3 $\frac{1}{4}$ " Min $^{\perp\!\downarrow}$ RADIUS LENGTH _13" Min_ (1A/HFX4) 15" Max KEY HFX-32x A = 3" o.c. B = 1-1/2" ea Side of HD HFX-44x (3A) **BB-RA SHEAR TIES & STIRRUPS** A. #4 (Min) Horizontal Rebar Top and Bottom by EOR B. 12" Min C. 15" Min D. 22" Min E. CL = 10" Min, 12" Max F. 2'-2" (Min) G. ±1" From Top of Concrete to CL of Shear Tie H. 1" CL @ Upper Two Ties Shear Ties per Table 2'-6" (Min) UNO by EOR Stirrups per Table Ca1 per Table CURB (12" MIN WIDTH) **EXTERIOR SLAB INTERIOR SLAB** CONTINUOUS FOOTING **CURB @ OUTSIDE CORNER** (3B) **BB-RA SECTIONS & ELEVATIONS**

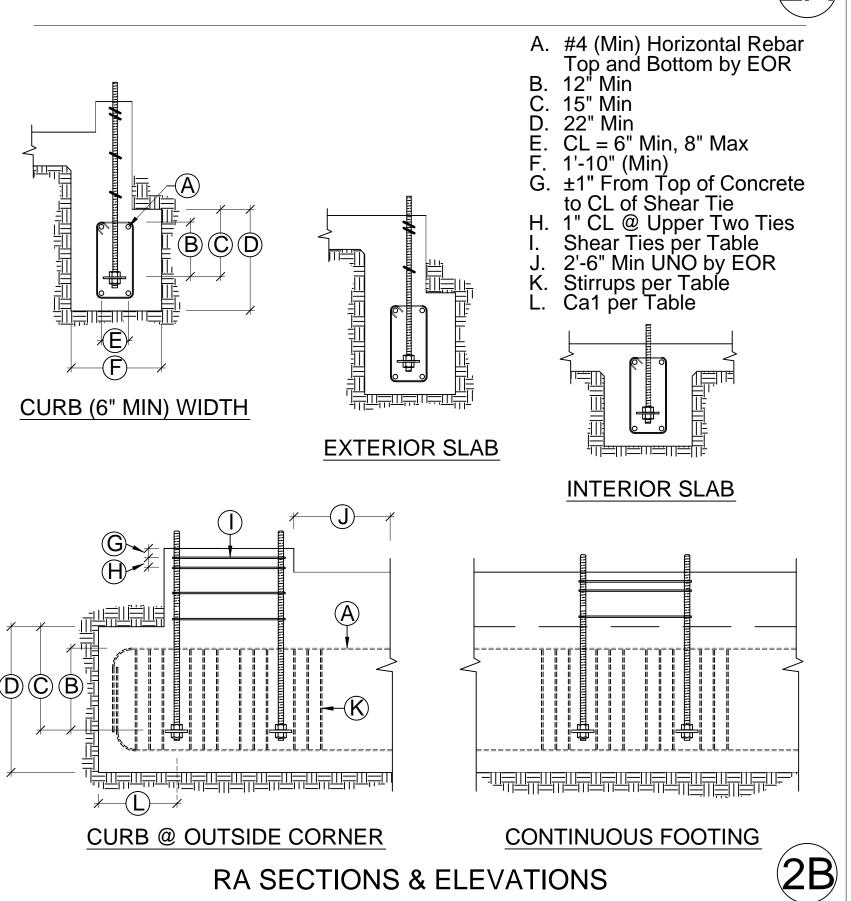
REINFORCED ANCHORAGE (RA)

Model	Brace Frame Height	Anchorage ¹	Rod Dia (in)	Rod ^{2,3} Grade	le ⁴ (in)	Ca1 (in)	C _{a2} 6 (in)	Stirrups ⁹ (in)	Shear ⁷ Ties
HFX-32x	8' - 13'	1-1/8-STD-RA 1-1/8-HS-RA	7/0	STD	4.5	23-3/4		40 #4	# 3 (min)
HFX-44x	0 - 13	1-1/8-STD-RA 1-1/8-HS-RA	7/8	STD HS	15	24-1/2	11	12 - # 4	@ 4" OC





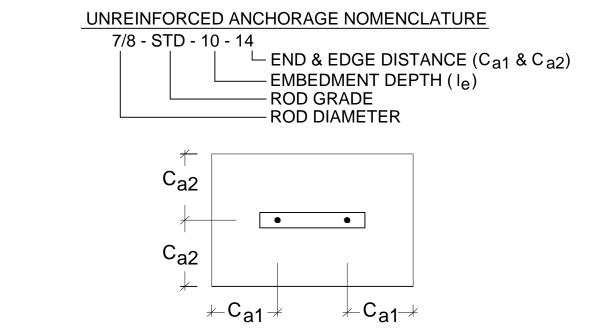


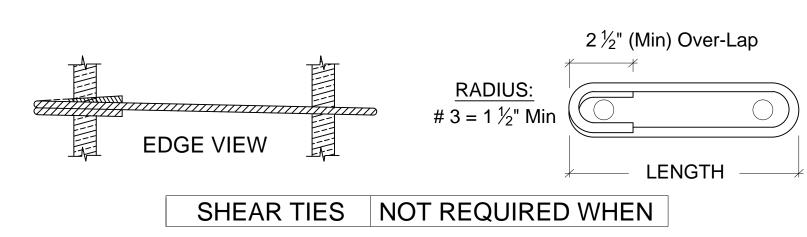


RA SECTIONS & ELEVATIONS

UNREINFORCED ANCHORAGE (UA)

Model	Brace Frame Height	Anchorage ¹	Rod Dia (in)	Rod ^{2,3} Grade	le ⁴ (in)	C _{a1} ⁵ & C _{a2} ⁶ (in)	Shear ^{7,8} Ties
HFX-32x		7/8-STD-10-14		STD	10	14	1 - # 3
111 A-32X	8' - 13'	7/8-HS-15-22	7/8	HS	15	22	1-#3
HFX-44x	0 - 13	7/8-STD-10-14	1/0	STD	10	14	1 - # 3
111 A-44X		7/8-HS-15-22		HS	15	22	2 - # 3





SHEA	RILS	NOT REQUIRED WHEN				
Model	Length	End Distance ≥	Edge Distance ≥			
HFX-32x	22-1/2"	10-3/8"	6"			
HFX-44x	33"	10-3/8"	6"			

UA SHEAR TIES

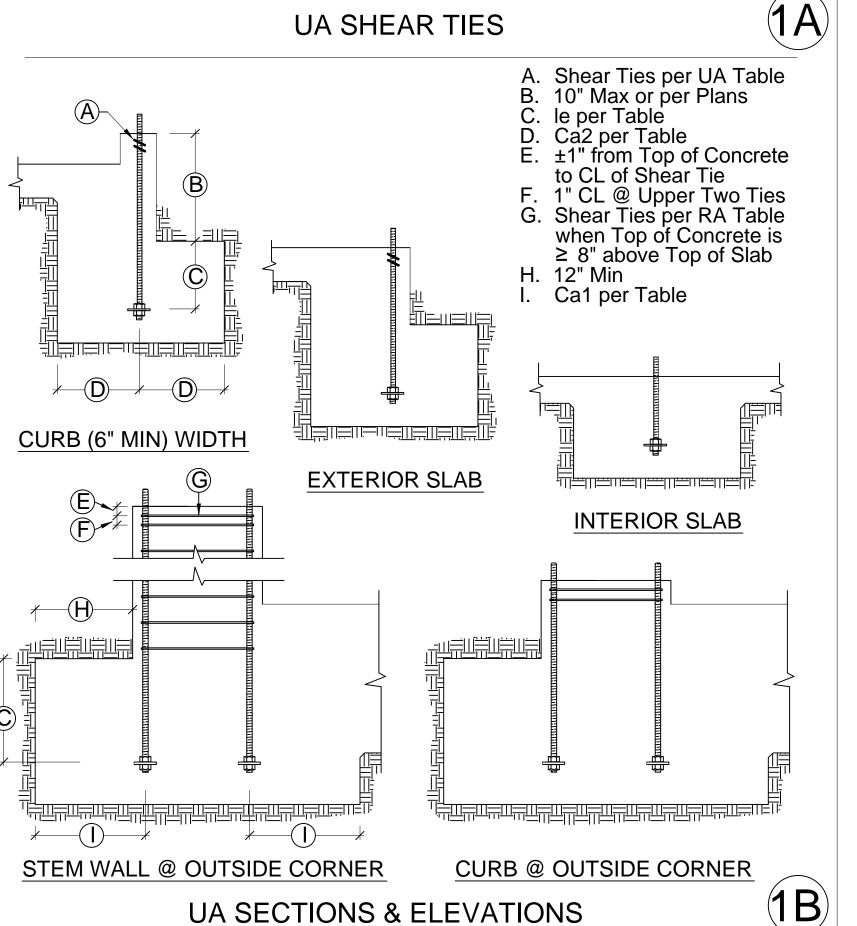
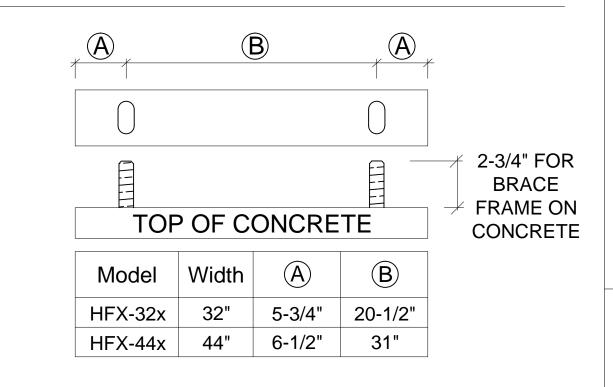


TABLE NOTES

DOUBLE NUTS ON THE EMBED END.

WASHER.

- DESIGNS ARE TO RESIST LOADING PER ACI 318-14, SECTION
- 17.2.3.4.3. 2. STD INDICATES ANCHORS COMPLYING WITH ASTM F1554 GRADE 36 WITH A 1/2"x3"x3"(MIN) HFPW PLATE WASHER INSTALLED WITH
- HS INDICATES ANCHORS COMPLYING WITH ASTM A193 GRADE B7 WITH A 1/2"x3"x3"(MIN) HFPW PLATE WASHER INSTALLED WITH DOUBLE NUTS ON THE EMBED END.
- 4. LE = LENGTH OF EMBEDMENT FROM THE TOP OF FOOTING OR GRADE BEAM TO THE TOP OF THE EMBEDDED HFPW PLATE
- CA1 = DISTANCE FROM HD CENTERLINE TO THE END OF THE FOOTING OR GRADE BEAM.
- 6. CA2 = DISTANCE FROM HD CENTERLINE TO BOTH THE FRONT AND THE BACK FACE OF THE FOOTING OR GRADE BEAM.
- SHEAR TIES ARE GRADE 60 (MIN) REBAR AND REQUIRED FOR NEAR EDGE DISTANCE CONDITIONS PER ACI-318-14, F'C = 2,500 PSI. CURBS AND STEM WALLS MUST BE 6 INCH (MIN) WIDTH FOR UA AND RA, 12 INCH (MIN) WIDTH FOR BB-RA.
- 8. FOR UA APPLICATIONS, ADDITIONAL TIES MAY BE REQUIRED AT STEM WALLS. SHEAR TIES ARE NOT REQUIRED FOR INSTALLATION AWAY FROM EDGE (SEE DETAIL 1A), INSTALLATION ON WOOD FRAMING, OR FOR IRC BRACED WALL PANEL APPLICATIONS.
- 9. STIRRUPS ARE GRADE 60 (MIN) REBAR. SEE TABLE FOR SIZE AND SPACING. SEE "STIRRUP LAYOUT" DIAGRAMS AND "KEY" FOR LAYOUT PATTERNS.
- 10. CONCRETE EDGE DISTANCES MUST COMPLY WITH ACI 318-14, **SECTION 17.7.1**



HFX ANCHOR CENTERLINES



IMPORTANT!

- ANCHORAGE IS DESIGNED FOR TENSION AND SHEAR TRANSFER ONLY, FOUNDATION DESIGN PER EOR.
- 2. REINFORCEMENT SHOWN IS THE MINIMUM REQUIREMENT AND IS NOT INTENDED TO REPLACE REINFORCEMENT DESIGNED BY THE **EOR**
- HIGH STRENGTH ALL-THREAD RODS PROVIDED BY MITEK HARDY FRAME ARE STAMPED ON BOTH ENDS.

B7

MiTek®

DATE: 1-1-2018

IMPORTANT NOTES

B

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FRAME

BRACE

TAIL

ANCHORAGE

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7/8

1. HOLD DOWN ANCHOR BOLTS CONNECT TO THE BRACE FRAME 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 NUTS ARE 2H HEAVY HEX 1/4" DIAMETER MITEK®PRO SERIES™ WS SCREWS. LENGTH IS 3" (MINIMUM) WHEN ATTACHED

3-1/2

DIRECTLY TO THE COLLECTOR AND 4-1/2" (MINIMUM) WHEN INSTALLING A 2x FILLER ABOVE THE BRACE FRAME. ADJACENT FRAMING CONNECTED TO THE BRACE FRAME EDGES AND THE FILLER IS REQUIRED

WHEN INSTALLING A FILLER ABOVE THE TOP CHANNEL THAT IS GREATER THAN 1-1/2" OR WHEN SPECIFIED BY THE DESIGN PROFESSIONAL

INSTALLATION INSTRUCTIONS

HFX-44x9

HFX-32x10

HFX-44x10

HFX-32x11

HFX-44x11

HFX-32x12

HFX-44x12

HFX-32x13

HFX-44x13

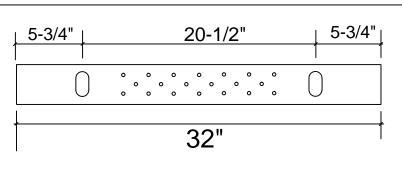
116-1/4

128-1/4

140-1/4

152-1/4

- WHEN INSTALLING ON CONCRETE CONNECT WITH (1 EA) HARDENED ROUND WASHER BELOW (1 EA) GRADE 8 NUT, SECURE WITH A SOCKET OR WRENCH UNTIL SNUG TIGHT. ALTERNATE WASHERS AND NUTS ARE PROVIDED IN TABLE NOTE
- 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 BRACE FRAME IS IN DIRECT CONTACT WITH THE COLLECTOR ABOVE (TOP PLATES, HEADER, BEAM, ETC.) USE1/4 x 3" (MINIMUM
- 4. FOR INSTALLATIONS WITH A FILLER GREATER THAN 1-1/2" ABOVE, OR WHEN SPECIFIED BY THE CONNECTED TO THE BRACE FRAME WITH SELF-TAPPING SCREWS INSTALLED THROUGH HOLES PRE-DRILLED IN THE WOOD MEMBER OR WITH USP MPF4 CONNECTORS ON EACH FACE OF THE FRAME TO THE WOOD MEMBER. FOR BOTH METHODS OF CONNECTING THE FASTENER QUANTITY IS DETERMINED BY THE BUILDING DESIGN PROFESSIONAL

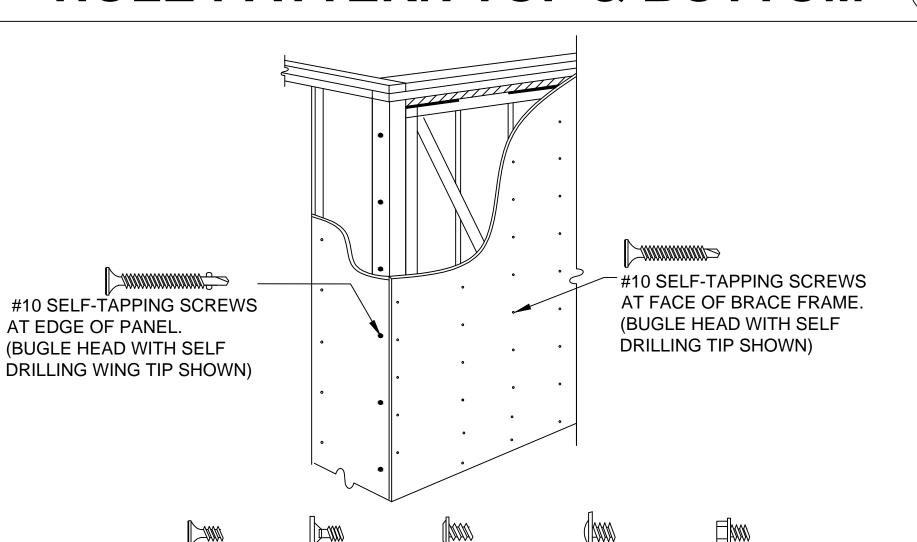


6-1/2"

32" BRACE FRAME

44" BRACE FRAME

HOLE PATTERN TOP & BOTTOM



SELF DRILLING TIP SELF DRILLING WING TIP

NOTES:

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

STRUCTURAL CONNECTIONS ARE TO BE DESIGNED BY THE DESIGN PROFESSIONAL

32" Width = 10

44" Width = 14

REVISIONS

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

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HFX5

SECTION A STEEL BEAM PER PLANS NUTS AND WASHERS PER TABLE NOTE 1. NOMINAL 8 INCH FRAMING ABOVE (MIN) **DESIGN PROFESSIONAL** A 2x FILLER WITH 1/4" x 4-1/2" MINIMUM

WS SCREWS IS PERMITTED.

RAKE WALL INSTALLATION

BY BUILDING DESIGN PROFESSIONAL

INSTRUCTION NOTE 4, DETAIL B.

BACK TO BACK INSTALLATION (3)

WOOD FILLER WITH USP MP4F CONNECTORS BOTH SIDES, QUANTITY

ADJACENT FRAMING WITH #10 SELF-TAPPING SCREWS OR USP MP4F

CONNECTORS BOTH SIDES OF FRAME AND BOTH SIDES OF FILLER TO

1/4" x 3" (MINIMUM) WS SCREWS, QUANTITY PER TABLES

KING POST. SEE TABLE NOTE 3. DETAIL A AND INSTALLATION

FILLER GREATER THAN 1-1/2 IN. (6)

15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED

ADJACENT FRAMING WITH #10 SELF-TAPPING SCREWS OR USP MP4F

CONNECTORS BOTH SIDES OF FRAME WHEN INSTALLING A FILLER

GREATER THAN 1-1/2" ABOVE OR WHEN SPECIFIED BY THE DESIGN

RAISED FLOOR HEAD-OUT

ALLOWABLE VALUES ON 2x PLATE ARE LESS THAN ON CONCRETE

15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED

BETWEEN PANEL BASE AND TREATED PLATE

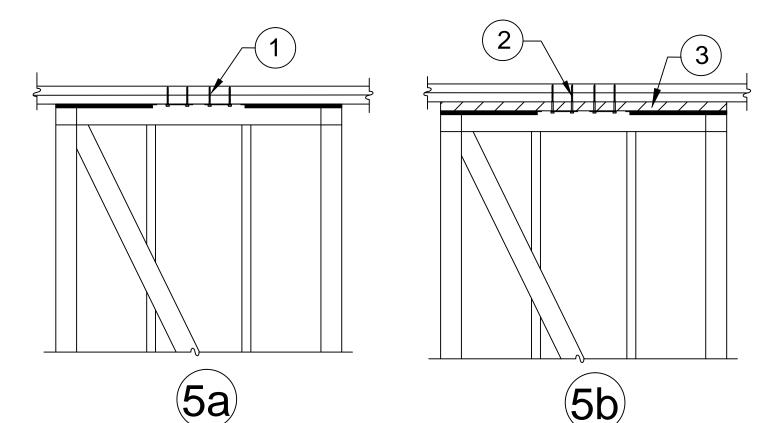
2. NUTS AND WASHERS PER TABLE NOTE 1.

BETWEEN BRACE FRAME BASE AND CONCRETE

NUTS AND WASHERS PER TABLE NOTE 1

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

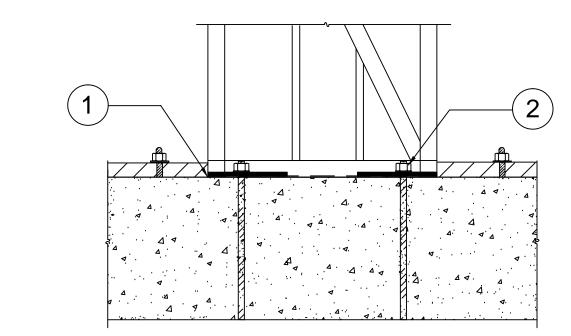
STEEL BEAM ABOVE



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

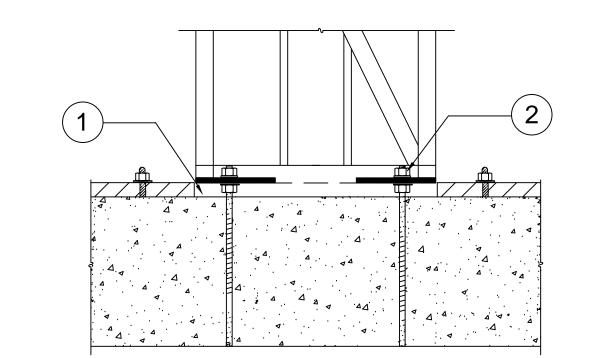
(8)

TOP PLATE CONNECTIONS



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

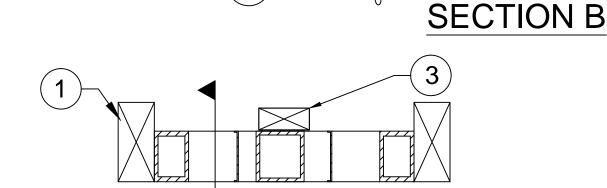
INSTALLATION ON CONCRETE



- 1. 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
- INSTALLATION ON 2x PLATE (11) INSTALLATION ON NUTS & WASHERS (10)

2. NUTS AND WASHERS PER TABLE NOTE 1 3. ADJACENT FRAMING OPTIONAL OR BY BUILDING DESIGN

INSTALLATION ON CURB



NOTE:

ATTACHMENTS TO ADJACENT TRIMMERS MAY BE MADE WITH

#10 SELF-TAPPING SCREWS OR

WITH USP MP4F CONNECTORS

ON EACH FACE OF THE FRAME

SECTION A

TRIMMERS PROVIDE FULL BEARING FOR HEADER ABOVE, DESIGN AND CONNECTIONS BY BUILDING DESIGN PROFESSIONAL 6x HEADER.

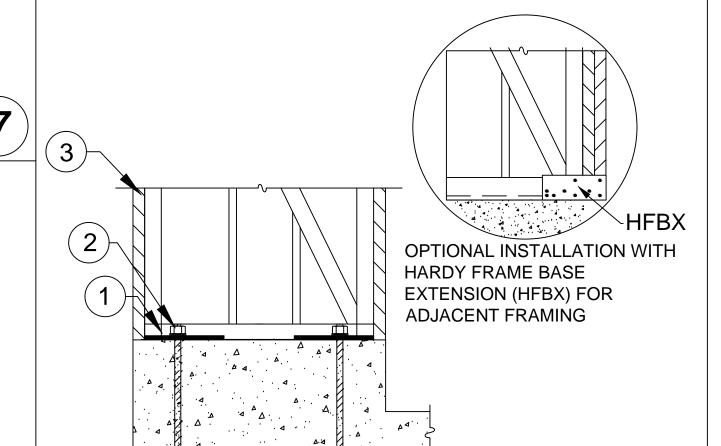
WOOD MEMBER FLUSH TO FACE OF WALL FOR BACKING AS NEEDED.

6x HEADER ABOVE-SECTION

(1A)

- (A) PRE-WELDED STRAPS ARE AVAILABLE UPON REQUEST (B) FIELD INSTALLED STRAPS WITH SELF TAPPING SCREWS ARE PERMITTED. THE DESIGN AND CONNECTION IS BY THE DESIGN
- 2. A 2x WOOD FILLER WITH 1/4"x4-1/2" (MIN.) WS SCREWS IS
- WHEN CRIPPLE STUDS OCCUR, SHEAR TRANSFER DESIGN TO BE PER THE BUILDING DESIGN PROFESSIONAL

TOP CONNECTION TO HEADER 4



15# FELT OR EQUIVALENT MOISTURE BARRIER RECOMMENDED BETWEEN BRACE FRAME BASE AND CONCRETE.

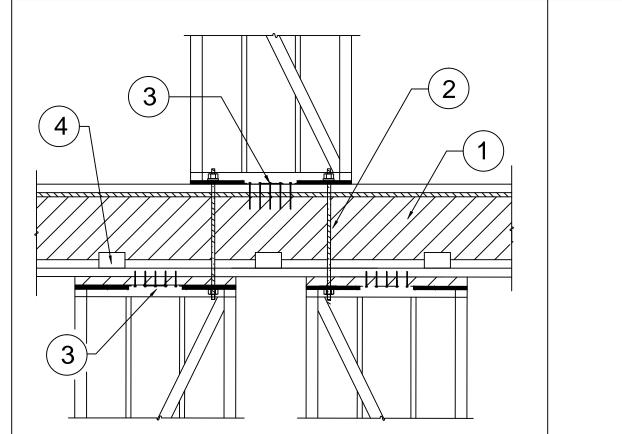
PROFESSIONAL.

- 4x MINIMUM RIM, ALLOWABLE VALUE TABLES ASSUME ENGINEERED WOOD PRODUCT
- WOOD PLATE BELOW BRACE FRAME NUTS AND WASHERS PER TABLE NOTE '

DESIGN PROFESSIONAL

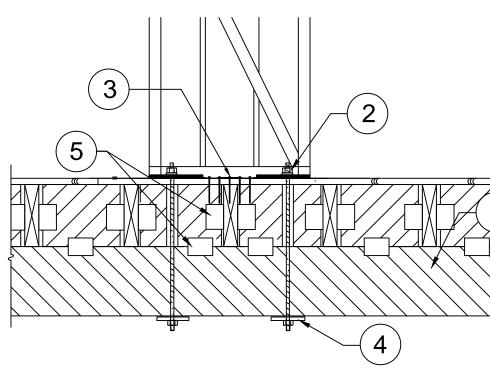
1/4" x 4-1/2" (MIN) WS SCREWS PER TABLE NOTE 3 5. USP MP4F CONNECTORS QUANTITY BY THE

RAISED-OS CORNER



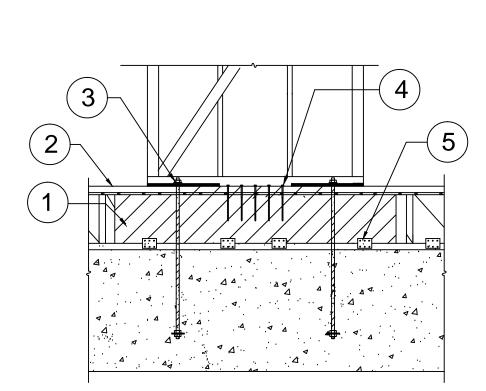
- 4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME ENGINEERED WOOD PRODUCT
- 2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1 ARE PROVIDED IN HARDY FRAME® HFTC KIT
- 3. 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE. 4. USP MP4F CONNECTORS, QUANTITY BY BUILDING **DESIGN PROFESSIONAL**
 - PYRAMID STACK

LOAD PATH FROM BEAM TO FOUNDATION AND CHECK THAT PANEL DRIFT IS WITHIN CODE LIMIT BY BUILDING DESIGN PROFESSIONAL.



- DROP BEAM WITH FLOOR JOIST ABOVE PER PLAN. 2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1
- ARE PROVIDED IN HARDY FRAME®HFTC KIT. 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE 4. BEARING PLATE WASHER AT UNDERSIDE OF BEAM SIZED PER BUILDING DESIGN PROFESSIONAL TO LIMIT
- CRUSHING FROM TENSION ANCHOR FORCES USP CONNECTORS BY DESIGN PROFESSIONAL

COUPLERS MAY BE USED WHEN THREADED ROD IS SUBJECT TO TENSION LOADS ONLY.



- 4x MINIMUM RIM, ALLOWABLE VALUE TABLES ASSUME ENGINEERED WOOD PRODUCT
- 3. NUTS AND WASHERS PER TABLE NOTE

WOOD PLATE BELOW BRACE FRAME

4. 1/4" x 4-1/2" (MIN) WS SCREWS PER TABLE NOTE 3

4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME

2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1

3. 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE.

USP MP4F CONNECTORS, QUANTITY BY BUILDING

STACK @ OS CORNER (7)

LOAD PATH FROM BEAM TO FOUNDATION AND CHECK

THAT PANEL DRIFT IS WITHIN CODE LIMIT BY BUILDING

ARE PROVIDED IN HARDY FRAME® HFTC KIT.

ENGINEERED WOOD PRODUCT

DESIGN PROFESSIONAL.

DESIGN PROFESSIONAL.

STEEL BEAM PER PLAN

2. 7/8" DIA.HOLD DOWN AND N&W PER TABLE NOTE 1

PLATE WASHER AT UNDERSIDE OF STEEL BEAM IF

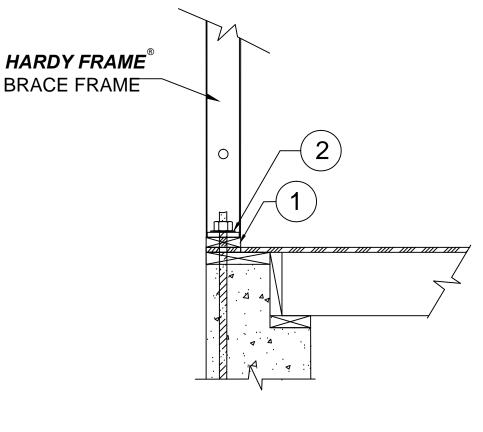
SPECIFIED BY THE BUILDING DESIGN PROFESSIONAL

ARE PROVIDED IN HARDY FRAME® HFTC KIT.

(3)

5. USP MP4F CONNECTORS QUANTITY BY THE **DESIGN PROFESSIONAL**

RAISED FLOOR



- INSTALL BRACE FRAME ON 2x PLATE OVER **SHEATHING**
- 2. NUTS AND WASHERS PER TABLE NOTES 1 AND 2

RAISED STEM WALL (2)

4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME

1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE

6

USP MP4F CONNECTORS, QUANTITY BY BUILDING

2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1

ARE PROVIDED IN HARDY FRAME® HFTC KIT.

STRAIGHT STACK

LOAD PATH FROM BEAM TO FOUNDATION AND CHECK

THAT PANEL DRIFT IS WITHIN CODE LIMIT BY BUILDING

7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1

1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE

SIZED PER BUILDING DESIGN PROFESSIONAL TO LIMIT

BEARING PLATE WASHER AT UNDERSIDE OF BEAM

ARE PROVIDED IN HARDY FRAME® HFTC KIT.

CRUSHING FROM TENSION ANCHOR FORCES.

ENGINEERED WOOD PRODUCT.

DESIGN PROFESSIONAL

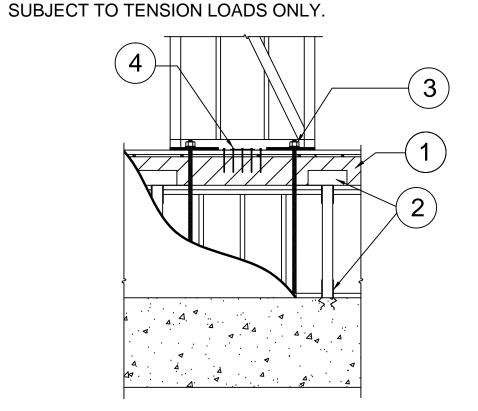
DESIGN PROFESSIONAL.

WOOD BEAM PER PLAN.

- ACCESS HOLE LOCATED AT EDGE OF POST. NUTS AND WASHERS PER TABLE NOTE 1.
- 3. PLUS OR MINUS 1-1/2" GAP TO BE FILLED WITH 5,000 PSI STRENGTH NON-SHRINK GROUT (MIN)



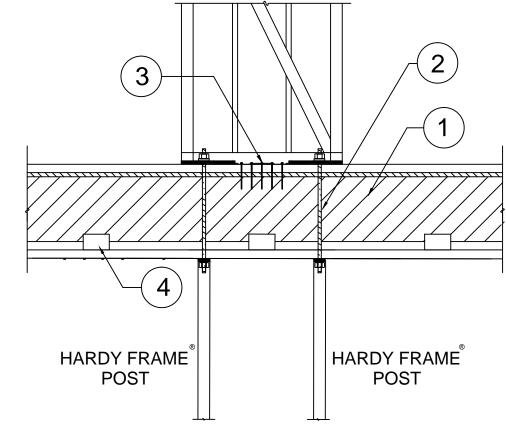
COUPLERS MAY BE USED WHEN THREADED ROD IS



- 4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME ENGINEERED WOOD PRODUCT
- USP POST CAP AND POST BASE BY THE BUILDING **DESIGN PROFESSIONAL** NUTS AND WASHERS PER TABLE NOTE 1.
- 4. 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE.

CRIPPLE WALL





- 4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME
- ENGINEERED WOOD PRODUCT. 2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1 ARE PROVIDED IN *HARDY FRAME* HFTC KIT.
- 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE USP MP4F CONNECTORS, QUANTITY BY BUILDING **DESIGN PROFESSIONAL**

NET **Hold Down** Top **Bottom Screw Qty** DEPTH | Diameter 1 Screw² **MODEL** HEIGHT Screw³ Available at (in) NUMBER (in) Qty (ea) Qty (ea) (in) Edges (ea) HFX-32x8 92-1/4 HFX-44x8 HFX-32x9 104-1/4 32" Width = $10 \mid 32$ " Width = 10HFX-44x9 HFX-32x10 116-1/4 44" Width = 14 | 44" Width = 14 HFX-44x10 7/8 3-1/2 HFX-32x11 128-1/4 HFX-44x11 HFX-32x12 140-1/4 HFX-44x12 HFX-32x13 HFX-44x13

- TENSION ANCHORS SPECIFIED AS STANDARD GRADE (STD) MUST COMPLY WITH ASTM F1554 GRADE 36 (OR EQUAL) TENSION ANCHORS SPECIFIED AS HIGH STRENGTH (HS) MUST COMPLY WITH ASTM A 193 GRADE B7 (OR EQUAL). TENSION ANCHORS (BOTH GRADES) CONNECT TO THE UPPER AND LOWER BRACE FRAMES WITH HARDENED ROUND WASHERS AND GRADE 8 NUTS. ALTERNATE WASHERS ARE (2 EA) ROUND-FLAT OR (2 EA)
- ATTACHING DIRECTLY TO THE COLLECTOR AND 4-1/2" (MINIMUM) WHEN INSTALLING A 2x FILLER ABOVE THE BRACE FRAME.
- CONNECTIONS TO FLOOR SYSTEMS AND BEAMS BELOW.

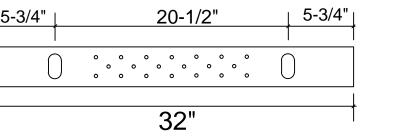
INSTALLATION ON FLOOR SYSTEM INSTRUCTIONS

FLOOR SYSTEM AT BRACE FRAME LOCATION. ALLOWABLE VALUE TABLES ASSUME THE RIM IS **ENGINEERED WOOD PRODUCT (EWP)**

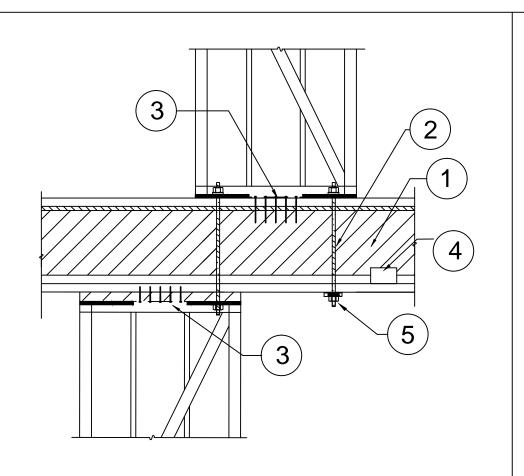
WITH HOLES PRE-DRILLED FOR 7/8" DIA.TENSION ANCHORS, INSTALL A SOLID 4x (MINIMUM) RIM IN

- INSTALL THE FRAME ON THE WOOD PLATE AND SECURE ANCHORS WITH HARDENED ROUND
- WASHERS AND GRADE 8 NUTS TO BE SNUG TIGHT.
- ANCHORS (GRADE PER PLANS) AND SECURE AT BOTH ENDS WITH HARDENED ROUND WASHERS AND GRADE 8 NUTS TO BE SNUG TIGHT. HARDY FRAME® BRACE FRAMES AND POSTS (HFP) INCLUDE PLATE WASHERS PRE-WELDED IN THE TOP AND BOTTOM CHANNELS.
- 5. INSTALL 1/4"x4-1/2" (MIN) MITEK®PRO SERIES™ SCREWS THROUGH THE BOTTOM CHANNEL. SEE TABLE FOR MINIMUM QUANTITY
- FOR STANDARD WALL HEIGHTS. INSTALL 1/4"x3" (MIN) MITEK®PRO SERIES™WS SCREWS THROUGH THE TOP CHANNEL INTO THE COLLECTOR. SEE TABLE FOR MINIMUM QUANTITIES.

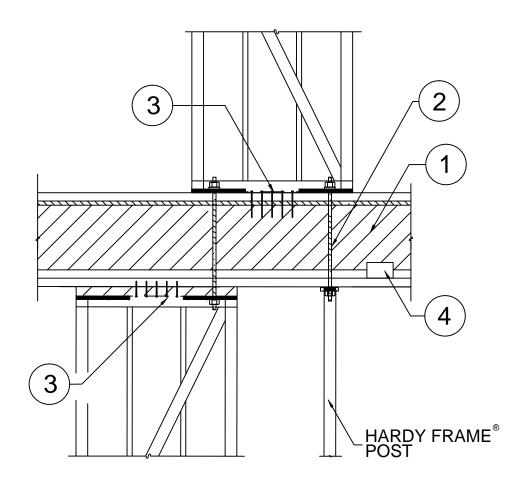
NOTE: INSTALLATIONS MAY VARY WITH JOB SPECIFIC CONDITIONS AND/OR SPECIFICATIONS



44" BRACE FRAME 32" BRACE FRAME **HOLE PATTERN TOP & BOTTOM**



- 4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME **ENGINEERED WOOD PRODUCT**
- 2. 7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1 ARE PROVIDED IN HARDY FRAME® HFTC KIT.
- 3. 1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE USP MP4F CONNECTORS, QUANTITY BY BUILDING DESIGN PROFESSIONAL.
- BEARING PLATE WASHER AT UNDERSIDE OF BEAM SIZED PER PER BUILDING DESIGN PROFESSIONAL TO LIMIT CRUSHING FROM TENSION ANCHOR FORCES.



4x (MIN) RIM, ALLOWABLE VALUE TABLES ASSUME **ENGINEERED WOOD PRODUCT**

7/8" DIA. HOLD DOWN AND N&W PER TABLE NOTE 1 ARE PROVIDED IN HARDY FRAME HFTC KIT

1/4" x 4-1/2" (MIN) WS SCREWS, QUANTITY PER TABLE USP MP4F CONNECTORS, QUANTITY BY BUILDING **DESIGN PROFESSIONAL**

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REVISIONS DATE

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MiTek

DATE: 1-1-2018

DROP BM - FL SYSTEM (14) STEEL BM THRU-BOLT (13) WOOD BM THRU-BOLT (12)

HFP POSTS BELOW (11) STAGGERED THRU-BOLT (10) STAGGERED-HFP POST (9)

SAE WASHERS AT EACH ANCHOR CONNECTION. ALTERNATE NUTS ARE 2H HEAVY HEX. 2. 1/4" DIAMETER MITEK[®]PRO SERIES[™] WS SCREWS. LENGTH IS 3" (MINIMUM) WHEN

1/4" DIAMETER MITEK®PRO SERIES™ WS SCREWS. LENGTH IS 4-1/2" (MINIMUM) AT

AFTER FLOOR SHEATHING, CUT AND PLOT THE BOTTOM PLATE OR THE PLATE CAN BE CONTINUOUS. WHEN STACKING FRAMES, CONNECT THE LOWER FRAME TO THE UPPER FRAME WITH TENSION WHEN JOINTS IN FRAMING MEMBERS OCCUR AT SCREW LOCATIONS, INSTALL ADDITIONAL SCREWS

BY THE DESIGN PROFESSIONAL