

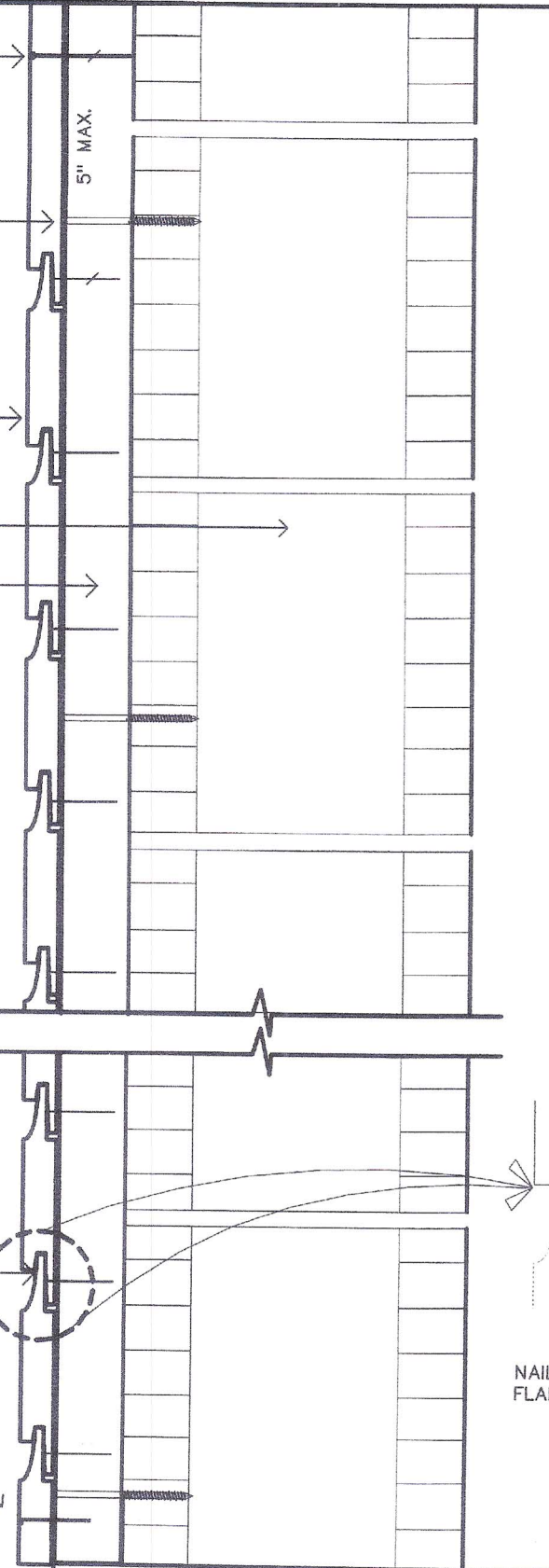
11" MAX. STARTER COURSE
TO BE RIPPED FOR WIDTH
NAILED TO FURRING W/ 2-1/2"
X 0.131" S.S. FINISH NAILS
INSTALLED @ 30 DEGREE ANGLE
@ MAX 5" O.C. VERT.

3/8" X 1" EMBED HILTI QUICK CON
SPACED PER TABLE OR
UNIVERSAL KNURLED SHANK X-C
"HILTI" X-C POWER PIN
0.157" X 1" EMBED INTO
CMU (NOT WITHIN 1" OF
BED OR HEAD JOINT) @ 10"O.C.
(70# PULLOUT CAPACITY)

3/4" THICK TRAP-LOC[®] SIDING
#2 SYP OR CYPRESS
JOINT DOES NOT HAVE TO
LAND ON FURRING STRIP
OFFSET JOINT 32" MIN.

HOLLOW CMU CONFORMS
TO ASTM C-90

2X2 #2 SYP FURRING STRIP
@ 16" O.C.,



ASCE 7-10
MEAN ROOF HEIGHT 30'
ENCLOSURE N/A
ALLOWABLE DESIGN PRESSURE - NOM.

170 MPH ULT EXP "D"

ZONE	NOMINAL D.P.	TAPCON	HILTI X-C
END ZONE	61.2	21" O.C.	10" O.C.
INTERIOR ZONE	48	24" O.C.	13" O.C. MAX.

170 MPH ULT EXP "C" - 160 MPH ULT EXP "C"

ZONE	NOMINAL D.P.	TAPCON	HILTI K-C
END ZONE	54.3	24" O.C.	12" O.C.
INTERIOR ZONE	43	24" O.C.	14" O.C.

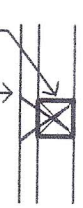
DESIGN PRESSURE IS FOR SIDING, FURRING
AND FURRING ATTACHMENT ONLY
THIS DESIGN IS IN ACCORDANCE WITH
SECTION 703.1.2 2010 FBCR

SIDING NAIL 1-1/2" X 0.082" FULL HEAD

11" MAX. STARTER COURSE
TO BE RIPPED FOR WIDTH
NAILED TO FURRING W/ 2-1/2"
X 0.131" S.S. FINISH NAILS
INSTALLED @ 30 DEGREE ANGLE
@ MAX 5" O.C. VERT.

2X2 FURRING STRIP @ 16" O.C.

HALF SIZED PLAN VIEW
SHOWING DIAGONAL NAILING
AT TOP AND BOTTOM COURSE
(2) 0.131" X 2-1/2" S.S.
FINISH NAIL, ATTACHED AT 30°
ACROSS EACH OTHER



NAIL BOTTOM
FLANGE ONLY

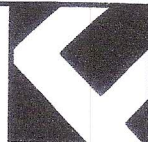
CMU WALL DETAIL

March 27, 2012

SCALE 3" = 1'-0"

Sheet 2 of 4

TRAP-LOC[®] SIDING
U.S. PATENT 7,712,277 B2
CMU WALL ATTACHMENT



FARLEY ENGINEERING, LLC

Consulting Engineer #40111 - CA28108
8800 N. U.S. #1, Suite #2, Sebastian, Florida 32958
(772) 589.6229 (772) 589.2296 fax

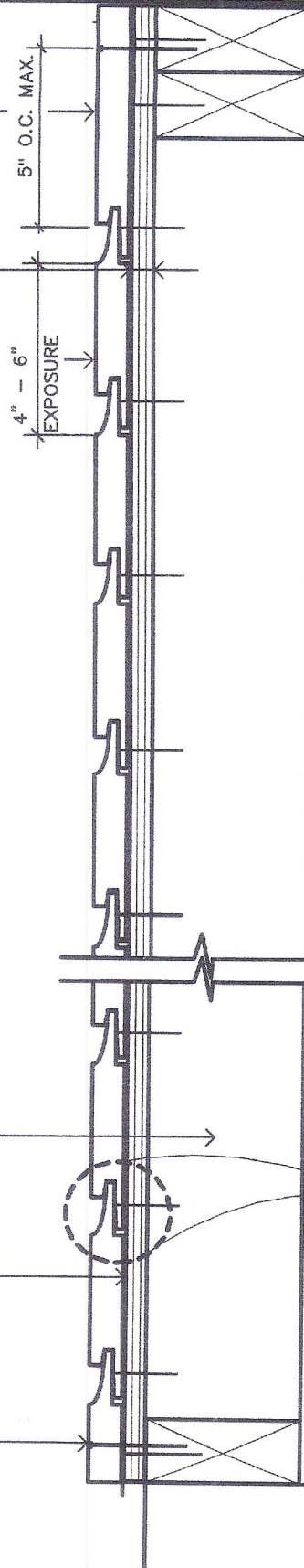
11" MAX. STARTER COURSE
TO BE RIPPED FOR WIDTH
NAILED TO PLATE W/ 2-1/2"
X 0.131" S.S. FINISH NAILS
INSTALLED @ 30 DEGREE ANGLE
⊙ MAX 5" O.C. VERT.

7/16" MINIMUM 5/8" MAXIMUM
APA RATED GROUP 1

CDX PLYWOOD
3/4" THICK TRAP-LOC® SIDING
#2 SYP OR CYPRESS
JOINT DOES NOT HAVE TO
LAND ON STUD

ASCE 7-10 MEAN ROOF HEIGHT 30' ENCLOSURE N/A ALLOWABLE DESIGN PRESSURE NOM.				
NAIL .092" X 2-1/4"	#2 SYP STUD		#2 SPF STUD	
	+/- PSF	MPH	+/- PSF	MPH
EXPOSURE "D"	111	228+	58	165
EXPOSURE "C"	111	>250	58	180
NAIL .099" X 2-1/2"	#2 SYP STUD		#2 SPF STUD	
	+/- PSF	MPH	+/- PSF	MPH
EXPOSURE "D"	138	255+	70	182
EXPOSURE "C"	138	>277	70	197

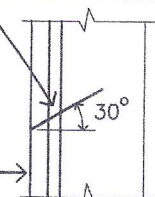
DESIGN OF STUDS AND PLYWOOD BY ENGINEER OF RECORD
DESIGN PRESSURES ARE FOR SIDING ONLY.



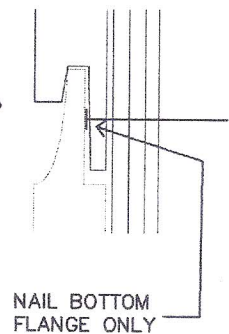
2X STUDS @ 16" O.C.
SPECIFIC GRAVITY 0.42
MINIMUM
(SPF=0.42)
(SYP=0.55)

PROVIDE VAPOR BARRIER
OVER PLYWOOD

11" MAX. STARTER COURSE
TO BE RIPPED FOR WIDTH
NAILED TO PLATE W/ 2-1/2"
X 0.131" S.S. FINISH NAILS
INSTALLED @ 30 DEGREE ANGLE
⊙ MAX 5" O.C. VERT.



HALF SIZE PLAN VIEW
AT BOTTOM PLATE



FRAME WALL DETAIL

March 27, 2012

SCALE 3" = 1'-0"

Sheet 1 of 4

TRAP-LOC® SIDING
U.S. PATENT 7,712,277 B2
WOOD FRAMING DETAIL



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