GENERAL NOTES:

24 GAGE BERTHA GALVANIZED STEEL STORM PANEL (2" DEEP) SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2017 (6th EDITION) OF THE FLORIDA BUILDING CODE. THE 24 GAGE BERTHA GALVANIZED STEEL STORM PANEL (2" DEEP) SHALL MOI BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE/BROWARD COUNTIES).

DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1609 OF THE ABOVE MENTIONED CODE, FOR A WIND SPEED AS REQUIRED BY THE JURISDICTION WHERE THESE SHUTTERS WILL BE INSTALLED AND FOR A DIRECTIONALITY FACTOR Kd=0.85. USING ASCE 7—10 FOR INSTALLATIONS UNDER 2017 FBC AND SINDT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEETS 2, 6 THRU 10. IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-10 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON SHEETS 2, 6 THRU 10.

24 GAGE BERTHA GALVANIZED STEEL STORM PANEL (2" DEEP) ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.2 OF THE ABOVE MENTIONED CODE, AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA; REPORT # 0304.01-08, AS PER ASTM E 1886-05, ASTM E 1996-05 AND ASTM E 330-02 STANDARDS; AS WELL AS REPORT # 1220.01-05 AS PER ASTM E 1886-02, ASTM E 1996-02 AND ASTM E 330-02 STANDARDS AND AND REPORT # 0926.01-03 AS PER ASTM E 1886-97, E 1996-02 AND ASTM E 330-02 STANDARDS, QUALIFIED FOR WIND ZONES 1, 2 AND 3, MISSILE TIPE D (BASIC PROTECTION ONLY) AND FOR INSTALLATIONS AT NON ESSENTIAL FACILITIES AS DEFINED BY SECTIONS 6.2.1.1 AND 6.2.1.2 OF ASTM E 1996-02 AND ASTM E 1996-05.

- N GALVANIZED . SHEET METAL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A-653, GRADE 80 WITH MIN $F_Y=106.0$ ksi, WITH G-90 STEEL DESIGNATION.
- 'n ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6063—T6 ALLOY & TEMPER UNLESS OTHERWISE NOTED. OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING. STORM PANEL COMPONENTS (10) STUDDED SNAP TRACK , COVER CAP ARE PATENT PENDING. AND (1) FEMALE
- 4 ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN W/ 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTION 2411.3.3.4. AS PER DIN 50018
- BOLTS TO BE ASTM A-307 GALVANIZED STEEL OR AISI 304 SERIES STAINLESS STEEL, WITH 35 ksi MINIMUM YIELD STRENGTH.
- ANCHORS TO WALL SHALL BE AS FOLLOWS (UNLESS OTHERWISE NOTED):
- E
- TO EXISTING POURED CONCRETE, f'c = 3192 psi. MIN.

 1/4" Ø TAPCON ANCHORS AS MANUFACTURED BY 1.T.W. BUILDEX.

 1/4" Ø S.G. TAPCONS AS MANUFACTURED BY 1.T.W. BUILDEX.

 1/4" Ø x 3/4" ALL POINTS SOLID-SET ANCHORS AS DISTRIBUTED BY ALL POINTS SCREW, BOLT & SPECIALTY COMPANY.

- A.1) MINIMUM EMBEDMENT INTO POURED CONCRETE OF TAPCON ANCHORS IS 1 3/4".
- A.2) MINIMUM EMBEDMENT OF $1/4"\phi \times 3/4"$ ALL POINTS SOLID—SET ANCHORS SHALL BE 7/8" INTO THE POURED CONCRETE. NO EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4" $\phi-20$ S.S. MACHINE SCREW (SIDEWALK BOLT OR TRUSS HEAD) USED SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST, AND 1" MINIMUM FOR WALLS WITH NO STUCCO.
- A.3) IN CASE THAT PRECAST STONE, PRECAST CONCRETE PANELS, OR PAVERS BE FOUND ON THE EXISTING WALL OR FLOOR, ANCHORS SHALL BE LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS, ANCHORAGE SHALL BE AS INDICATED ON NOTES A.1) & A.2) ABOVE.
- (B)

- TO EXISTING CONCRETE BLOCK WALL, ASTM C-90 UNITS:

 1/4" Ø TAPCON ANCHORS AS MANUFACTURED BY I.T.W. BUILDEX.

 1/4" Ø S.G. TAPCONS AS MANUFACTURED BY I.T.W. BUILDEX W/ f'm = 1500 psi. MIN.

 1/4" Ø x 3/4" ALL POINTS SOLID-SET ANCHORS AS DISTRIBUTED BY ALL POINTS SCREW, BOLT & SPECIALTY COMPANY

 W/ f'm = 1800 psi. MIN.

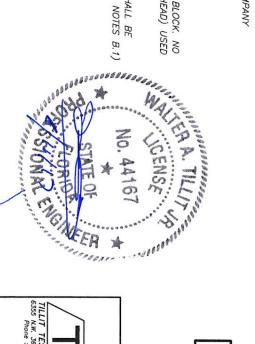
- B.1) MINIMUM EMBEDMENT OF TAPCON INTO CONCRETE BLOCK UNIT SHALL BE 1 1/4".
- B.2) MINIMUM EMBEDMENT OF 1/4" & x 3/4" ALL POINTS SOLID—SET ANCHORS SHALL BE 7/8" INTO THE CONCRETE EMBEDMENT INTO STUCCO SHALL BE PERMITTED. 1/4" \$\pi-20 S.S. MACHINE SCREW (SIDEWALK BOLT OR TRUSS IN SHALL BE 1 1/2" LONG MINIMUM SHOULD STUCCO EXIST, AND 1" MINIMUM FOR WALLS WITH NO STUCCO. HEAD) U
- B.3) IN CASE THAT PRECAST STONE OR PRECAST CONCRETE PANELS BE FOUND ON THE EXISTING WALL, LONG ENOUGH TO REACH THE MAIN STRUCTURE BEHIND SUCH PANELS. ANCHORAGE SHALL BE AS II AND B.2) ABOVE. ANCHORAGE SHALL BE AS INDICATED ON ANCHORS SHALL NOTES

- 0 TO EXISTING WOOD FRAME BUILDINGS, WITH SPECIFIC GRAVITY G = 0.55 - 1/4" Ø TAPCON ANCHORS AS MANUFACTURED BY 1.T.W. BUILDEX. - 1/4" Ø S.G. TAPCONS AS MANUFACTURED BY 1.T.W. BUILDEX. - 1/4" Ø SAMMYS SCREW ANCHORS (SSC) AS MANUFACTURED BY 1TW
- BUILDEX.

- NOTES: C.1) MINIMUM THREADED PENETRATION OF TAPCONS, S.G OR SAMMYS SCREW ANCHORS (SSC) INTO WOOD UNIT SHALL BE 1 1/2".
- C.2) ANCHORAGE SHALL BE PERFORMED BEYOND ANY FINISH MATERIAL AT WALL LIKE BRICK VENEER, STUCCO OR ANY OTHER FINISH. ANCHORAGE SHALL BE AS INDICATED ON NOTE C.1) ABOVE.
- ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.

0

- 7. PANELS MAY ALSO BE INSTALLED HORIZONTALLY FOLLOWING INSTALLATION CONCRETE/BLOCK SUBSTRATES) AND ALTERNATIVES 1 THRU 6 (SHEETS 8 & 4 SHALL NOT BE USED. DETAILS SHOWN ON SECTIONS 1 THRU 5 (SHEETS 4 & 5 FOR & 9 FOR WOOD SUBSTRATES) EXCEPT THAT HEADERS 2, 2A, 3
- è IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE PANEL IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE. THIS PANEL SHALL ONLY BE ATTACHED TO POURED CONCRETE, CONCRETE BLOCK OR WOOD FRAME BUILDINGS.
- 9 THE INSTALLATION CONTRACTOR IS TO SEAL/CAULK ALL PANEL COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL SHUTTER TRACKS ALL AROUND FULL LENGTH.
- 10. 24 GAGE BERTHA GALVANIZED STEEL STORM PANEL (2" DEEP) SHALL COMPLY WITH SPECIFICATIONS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
- 11. SHUTTER MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIB 1709.9.3 OF FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR 1709.9.2 OF THE FLORIDA BUILDING CODE. PLE LOCATION AT PANEL IN ACCORDANCE WITH SECTION EVERY OPENING. LABELING TO COMPLY WITH SECTION
- 12. (a) THIS P.E.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- (b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE , BASED ON THIS P.E.D. PROVIDED HE/SHE DOES NOT DEVIATE FROM SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY. AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, IN THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION
- (c) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS
- 9 SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER, SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- (e) THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

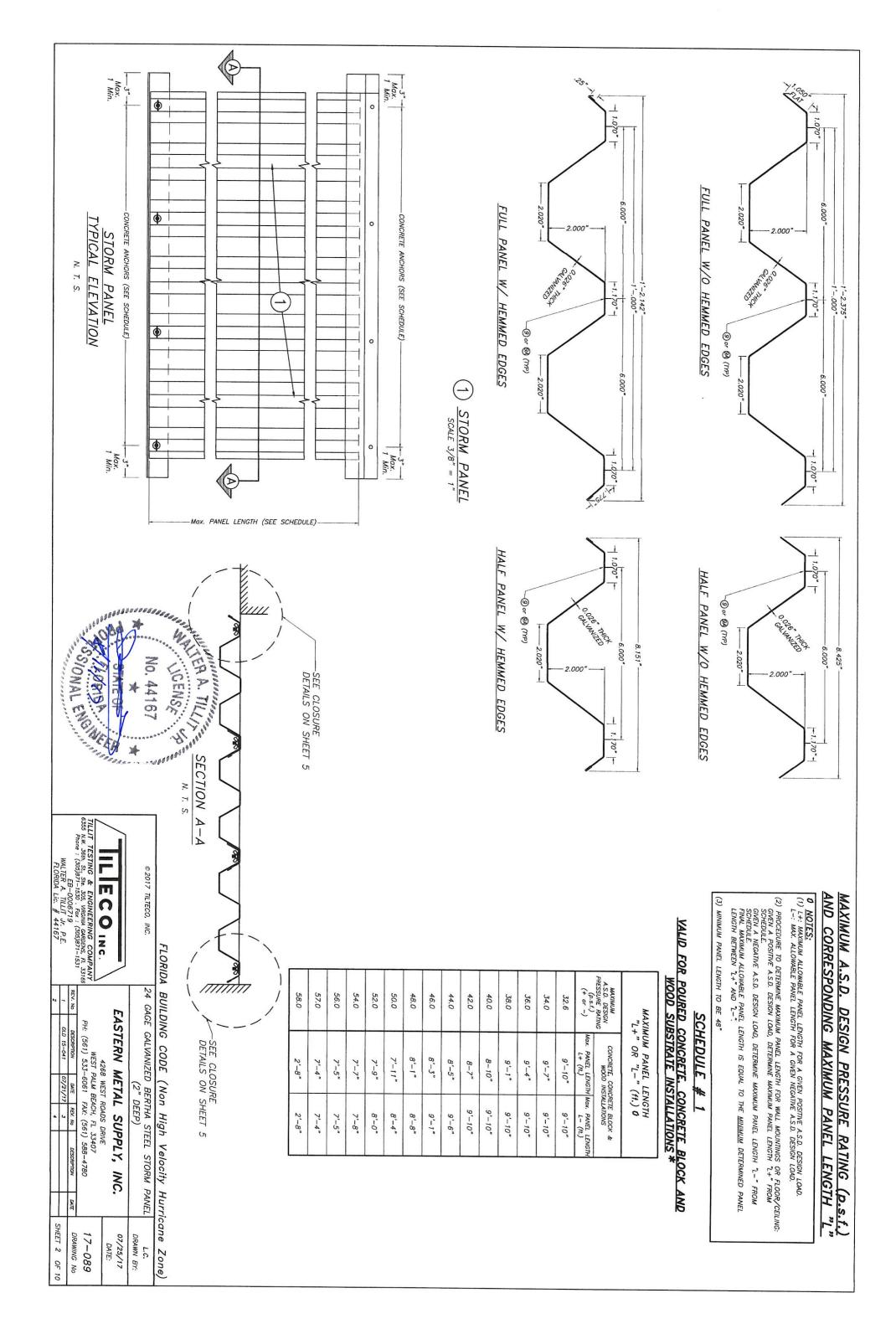


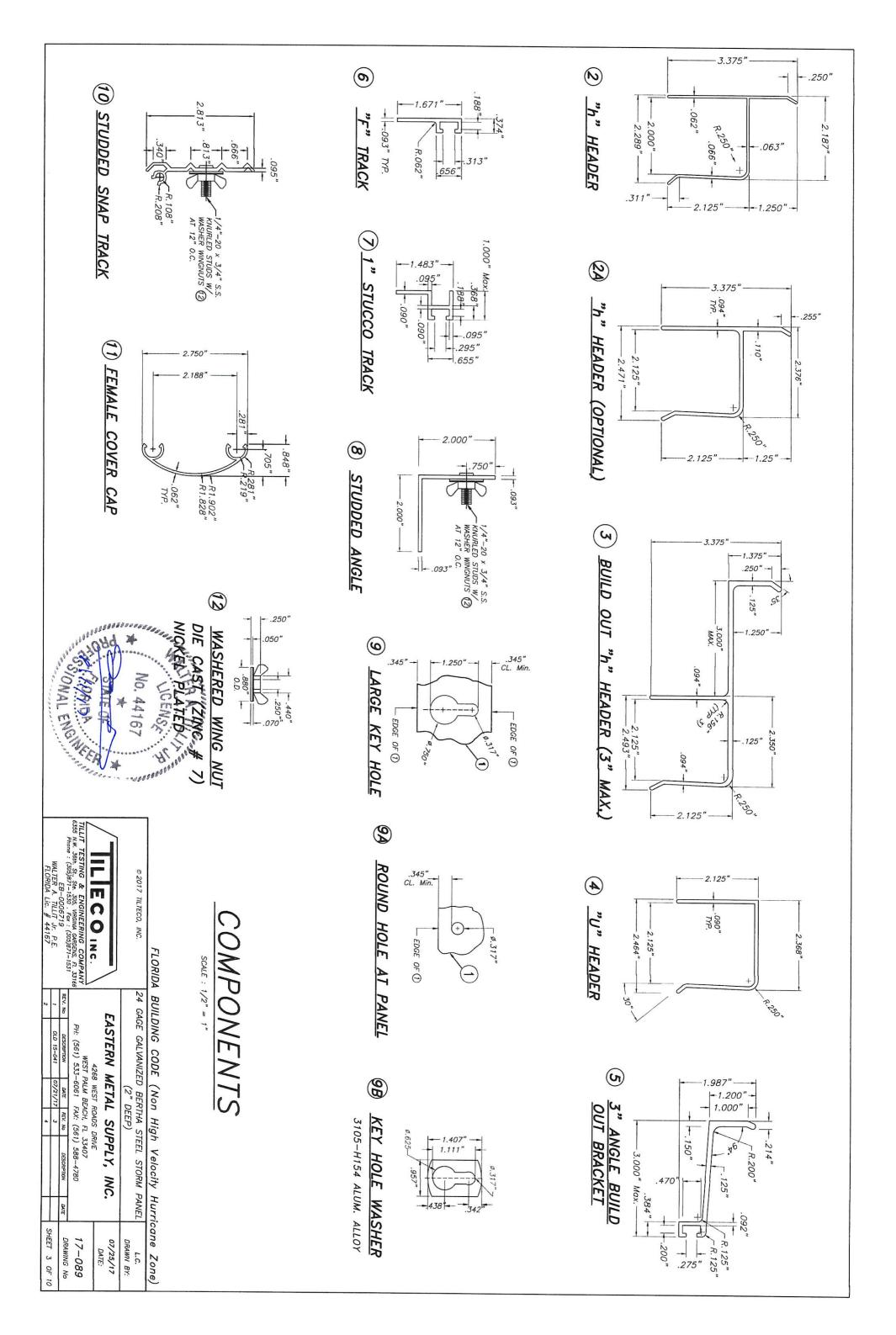
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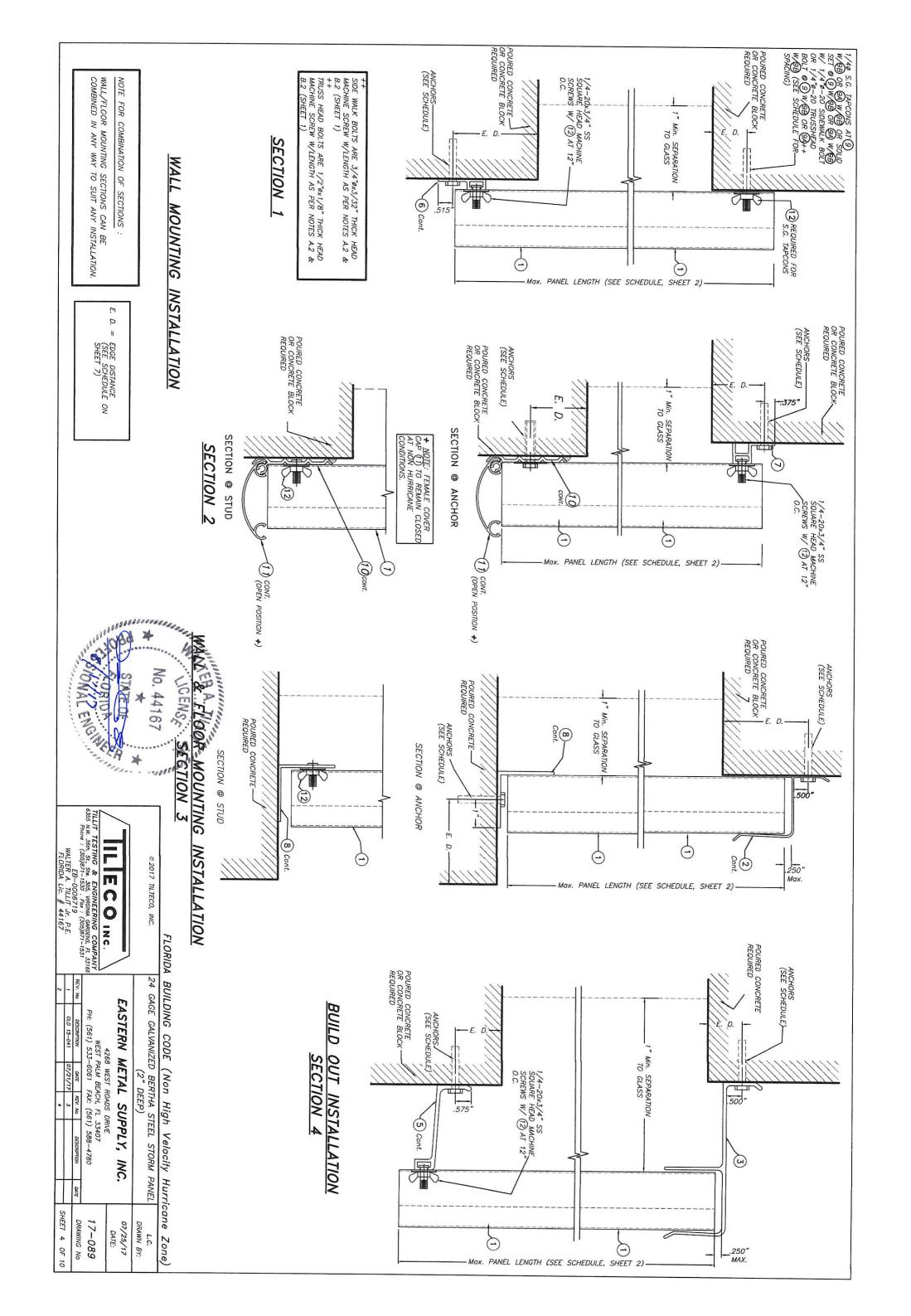
FLORIDA В IILDING CODE (Non High Velocity Hurricane

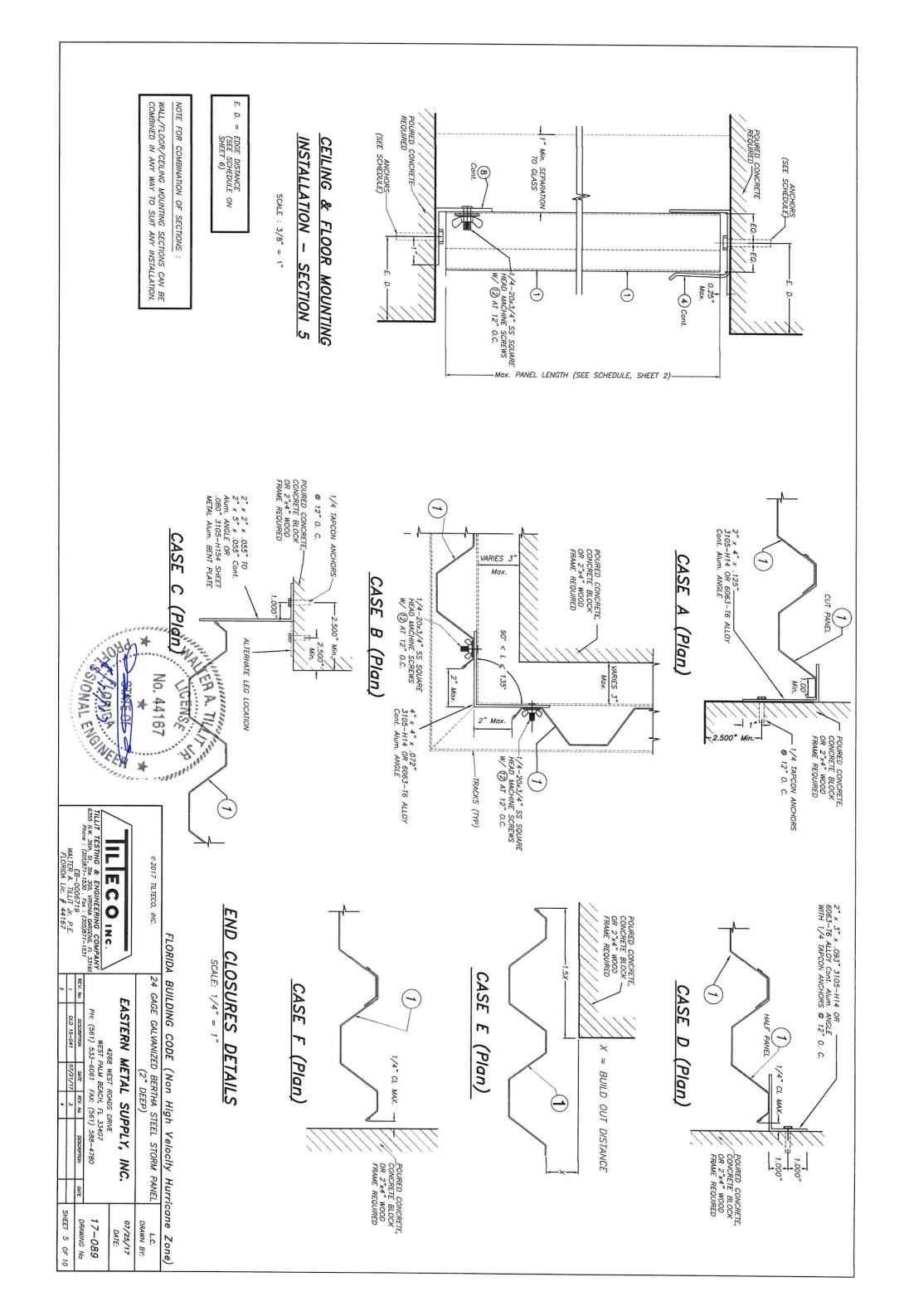
חס		ING & ENGINEERING COMPANY St., Stc., 305, WRONNA CARDENS, FL. 33166		T	© 2017 TILTECO, INC.	
•	REV. No		_		24 G	0
1 010 15-041 07/21/17 3	DESCRIPTION	WEST PALM BEACH, FL 33407 PH: (561) 533-6061 FAX: (561) 588-4780	EASTERN		AGE GALVANIZ	0000
07/21/17	DATE	WEST PALM BEACH, FL 33407) 533-6061 FAX: (561) 588	NETAL SUPP	(2" DEEP)	ED BERT	(1101)
3	REV. No	3H, FL 3K: (56	SON	EEP)	HA S	9
	NOLLABOSED	33407 1) 588–4780	EASTERN METAL SUPPLY, INC.		24 GAGE GALVANIZED BERTHA STEEL STORM PANEL	" relocity
	DATE		•		ANEL	11111
	DRAWING No	17-089	07/25/17 DATE:	DRAWN BY:	L.C.	resource some (non ingli resour) manifestic zone)

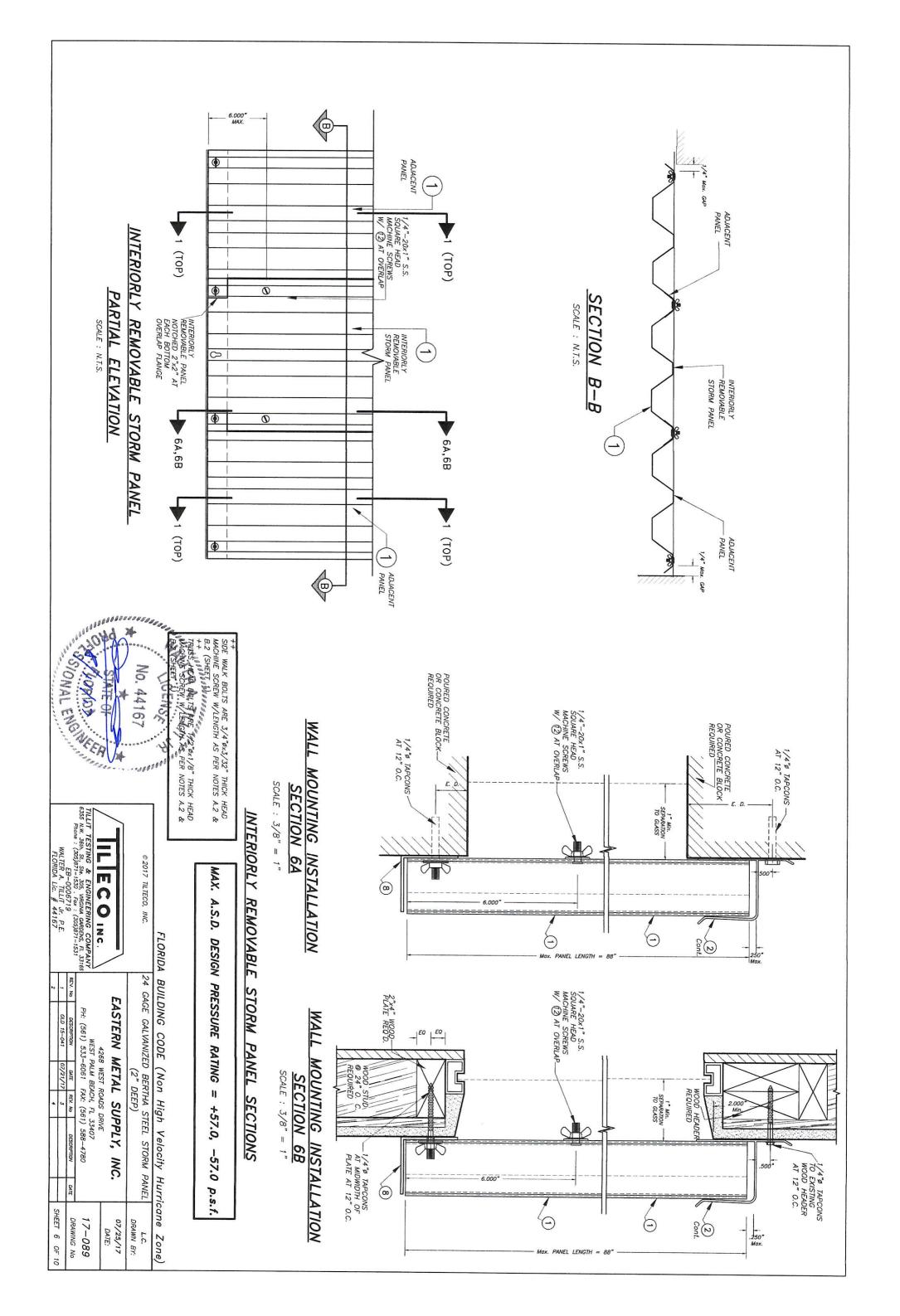
SHEET 1 OF 10











SPACING SCHEDULE FOR INSTALLATIONS IN CONCRETE AND CONCRETE BLOCK STRUCTURES (MASONRY) MAXIMUM A.S.D DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR

	5 (воттом)	12"	12"	12"	12"	12"	12"	
	5 (TOP)	12"	12"	12"	12"	12"	12"	
	4 (BOTTOM)	12"	12"	12"	12"	12"	12"	
	4 (TOP)	N/A	12"	N/A	12"	N/A	12"	
	з (воттом)	N/A	12"	N/A	12"	N/A	12"	
LESS	3 (TOP)	12"	12"	12"	12"	12"	12"	LESS
6'-0"	2 (ВОТТОМ)	12"	12"	12"	12"	12"	12"	+40.0, -40.0
	2 (TOP)	12"	12"	12"	12"	12"	12"	
	1 (ВОТТОМ)	12"	12"	12"	12"	12"	12"	
	1 (TOP)	12"	12"	12"	12"	N/A	N/A	
	OF THEM	TO MASONRY	TO CONCRETE TO MASONRY		TO CONCRETE TO MASONRY	TO CONCRETE TO MASONRY	TO CONCRETE	ionineo (p.s.r.)
LENGTH "L" (ft.)	ANY COMBINATION	PCON	S.G. TAPCON) SET	SOLID SET	REGULAR TAPCONS	REGULAR	PRESSURE
	APPLICABLE TO		= 3 1/2"**	VG FOR E. D. =	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" * *	MAXIMUM .		MAXIMUM A.S.D. DESIGN

+40.0, -40.0 UP TO +57.0, -57.0

12" 12"

11"

12"

12"

12"

12" 12"

3 (TOP)

2 (ВОТТОМ)

> 6'-0" UP TO 7'-4"

12"

12" 12" 12"

11"

12" N/A NA 12"

12"

4 (ВОПОМ) 5 (ТОР)

N/A X

12"

12" 12"

N/A

з (воттом)

4 (TOP)

12"

12"

12"

12" 12"

12"

12"

12"

12" 12"

5 (воттом)

X 12"

NA

12"

12"

MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2"**

TO CONCRETE TO MASONRY

TO CONCRETE

TO MASONRY

APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM

MAXIMUM PANEL LENGTH 'L' (ft.)

11"

12"

12"

12"

11"

12"

12"

12" 12"

12" 12" 12"

2 (TOP)

1 (воттом)

1 (TOP)

12"

-												
					LESS	+40.0, -40.0				4	PRESSURE	MAXIMUM A.S.D. DESIGN
12"	12"	12"	12"	12**	12"	12"	12"	12"	N/A	TO CONCRETE	REGULAR TAPCONS	
12"	12"	11"	N/A	N/A	11"	12"	11"	11"	N/A	TO CONCRETE TO MASONRY	TAPCONS	MAXIMUM .
12"	12"	12"	12"	12"	12"	12"	12"	12"	12"	TO CONCRETE TO MASONRY	SOLIC	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2"**
12"	12"	12"	N/A	N/A	12"	12"	12"	12"	12"	TO MASONRY	SOLID SET	NG FOR E. D.
12"	12"	12"	12"	12"	12"	12"	12"	12**	12"	S.G.TAPCON TO CONCRETE TO MASONRY		= 3 1/2***
12"	12"	12"	N/A	N/A	12"	12"	12"	12"	12"	TO MASONRY	** S.G.TAPCON RETE TO MASONRY	
5 (BOTTOM)	5 (TOP)	4 (ВОТТОМ)	4 (TOP)	з (воттом)	3 (TOP)	2 (ВОТТОМ)	2 (TOP)	1 (ВОТТОМ)	1 (TOP)	APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM		
					9'-10"	> 6'-0"					LENGTH "L" (ft.)	

MAXIMUM S.D. DESIGN		MAXIMUM A	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2"**	NG FOR E. D. :	= 3 1/2***		APPLICABLE TO	
RESSURE	REGULAR	REGULAR TAPCONS	T3S OLLOS	SET	S.G.TAPCON	PCON	ANY COMBINATION	LENGTH L (ft.)
(p.s.r.)	TO CONCRETE	TO CONCRETE TO MASONRY	TO CONCRETE TO MASONRY	TO MASONRY	TO CONCRETE TO MASONRY	TO MASONRY	OF THEM	
	N/A	N/A	12"	12"	12"	12"	1 (TOP)	
	12"	11"	12"	12"	12"	12"	1 (воттом)	
	12"	11"	12"	12"	12"	12"	2 (TOP)	
.0, -40.0	12"	12"	12"	12"	12"	12"	2 (воттом)	> 6'-0"
LESS	12"	11"	12"	12"	12"	12"	3 (TOP)	9'-10"
	12"	N/A	12"	N/A	12"	N/A	з (воттом)	
	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	11"	12"	12"	12"	12"	4 (BOTTOM)	
	12"	12"	12"	12"	12"	12"	5 (TOP)	
	12"	12"	12"	12"	12"	12"	5 (BOTTOM)	1

MAXIMUM A.S.D. DESIGN		MAXIMUM .	MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2"**	IG FOR E. D.	= 3 1/2"**		APPLICABLE TO	
PRESSURE	REGULAR	REGULAR TAPCONS	SOLID SET	SET	S.G.TAPCON	PCON	SECTIONS # &	LENGTH 7 (#)
round (p.s.r.)	TO CONCRETE TO MASONRY	TO MASONRY	TO CONCRETE TO MASONRY		TO CONCRETE TO MASONRY	TO MASONRY	OF THEM	1 (12)
	N/A	N/A	12"	12"	12"	12"	1 (TOP)	
	12"	12"	12"	12"	12"	12"	1 (ВОТТОМ)	
280	12"	12"	12"	12"	12"	12"	2 (TOP)	
OR OR	12"	12"	12"	12"	12"	12"	2 (ВОТТОМ)	2'-8"
1633	12"	12"	12"	12"	12"	12"	3 (TOP)	-
	12"	N/A	12"	N/A	12"	N/A	з (воттом)	
	12"	N/A	12"	N/A	12"	N/A	4 (TOP)	
	12"	12"	12"	12"	12"	12"	4 (воттом)	
	12"	12"	12"	12"	12"	12"	5 (TOP)	
	12"	12"	12"	12"	12"	12"	5 (ВОТТОМ)	

ANCHOR SPACING ST MULTIPLYING SPACING SHOWN OF E. D. FOR SOLIDSET ANCHORS SPACING SHOWN OF E. D. FOR SOLIDSET ANCHORS IS 3" FOR THIS OPER USING FACTOR SHALL NOT BE LESS THAN MINIMUM SHANCHORS LEGEND. ACTUAL E. D. 71 2"	1000S	Marie				3, 3			(n.)
MAXIMUM ANCHOR SPACINGS ARE WALLD FOR 3" EDGE D INCHOR SPACING BY MULTIPLYING SPACING SHOWN ON SC. I. FOR SOLUSET ANCHORS IS 3") FOR THIS OPERATION INCHORS LEGEND. ACTUAL E. D. 2" 7APCON (REGULAR OR .71 2" .50 FLO FLO FLO FLO FLO FLO FLO FL	No. 4416/	MACHER A TILLY						ACM	A *
HOR SPACINGS ARE WALD FOR 3" EDGE D 3 BY MULTIPLING SPACING SHOWN ON SCI SET ANCHORS IS 3") FOR THIS OPERATION HALL NOT BE LESS THAN MINIMUM SPACINI D. FA TAPCON (REGULAR OR .71 .50 FLO © 2017 TILTECO, INC.	V	The solution of the second	2"	2 1/2"	3,	ACTUAL E. D.		I. D. FOR SOLID ISING FACTOR S. INCHORS LEGEN	* MAXIMUM AND
INSTANCE HEDULE TO BE TO BE G INDIC CTOR S.G.)		FLORIDA	.50	.71	.86	TAPCON (REGULAR OR S.G.)	FACTOR	SET ANCHORS IS 3") FOR THIS OPERATION TO BE HALL NOT BE LESS THAN MINIMUM SPACING INDIC	HOR SPACINGS ARE VALID FOR 3" EDGE DISTANCES BY MULTIPLYING SPACING SHOWN ON SCHEDULE
FLORIDA BUILDING CODE (Non High V. SCHED) FACTOR COR S.G.) 24 GAGE GALVANIZED BERTHA STEEL (2" DEEP)	24 GAGE GALVANI	BUILDING CODI						POSSIBLE, REDUCED S ATED FOR EACH ANCHO	E FOR E. D. LESS THAI
SOLID SET SOLID SET SOLID SET .75 .50 - E (Non High ZED BERTHA STEE (2" DEEP)	ZED BERTHA STEE (2" DEEP)	E (Non High	ı	.50	.75	SOLID SET		SPACING OBTAINED IR TYPE AT	N 3", REDUCE ACTORS. (NOTE: Min.

ANCHORS LEGEND

+40.0, -40.0 UP 70 +50.0, -50.0

12"

12"

12"

12"

2 (воттом)

OR LESS

12"

12"

12"

3 (TOP)

12" 12"

12" 12"

12" 12"

12"

2 (TOP)

12"

1 (воттом)

1 (TOP)

12* 12"

MAXIMUM ANCHORS SPACING FOR E. D. = 3 1/2" **

APPLICABLE TO SECTIONS # & ANY COMBINATION OF THEM

MAXIMUM PANEL LENGTH "L" (ft.)

TO CONCRETE 1

12" 12"

N/A 12"

12" 12" 12"

N/A NA

12" 12"

4 (BOTTOM)

4 (TOP)

12"

NA N 12"

з (воттом)

12" 12" 12"

X 12" 12" 12" 12"

12"

12"

12" 12"

12" 12"

12"

12" 12"

12" 12"

5 (BOTTOM)

5 (TOP)

2.5"	SOLID SET
3.0"	TAPCON (REGULAR OR S.G.)
ANCHOR SPACING	ANCHOR TYPE

D. 11 EDGE DISTANCE

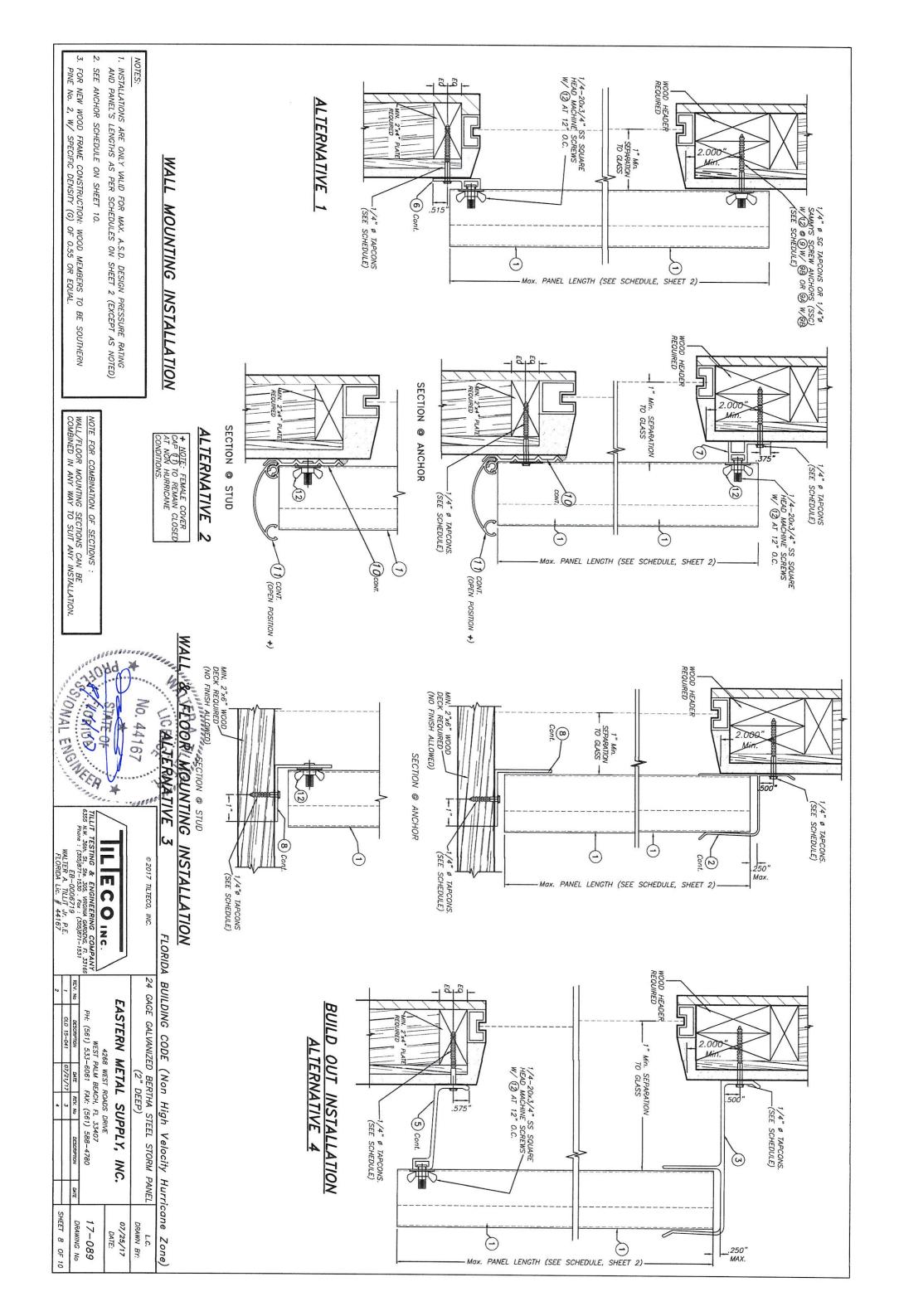
SONAL ENGINEERS CALER Y TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St. Ste. 335, VRGINM GARDENS, R. 33166
Phome: (305)871-1530 Fax: (305)871-1531
EB-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167 ILIECO INC. © 2017 TILTECO, INC.

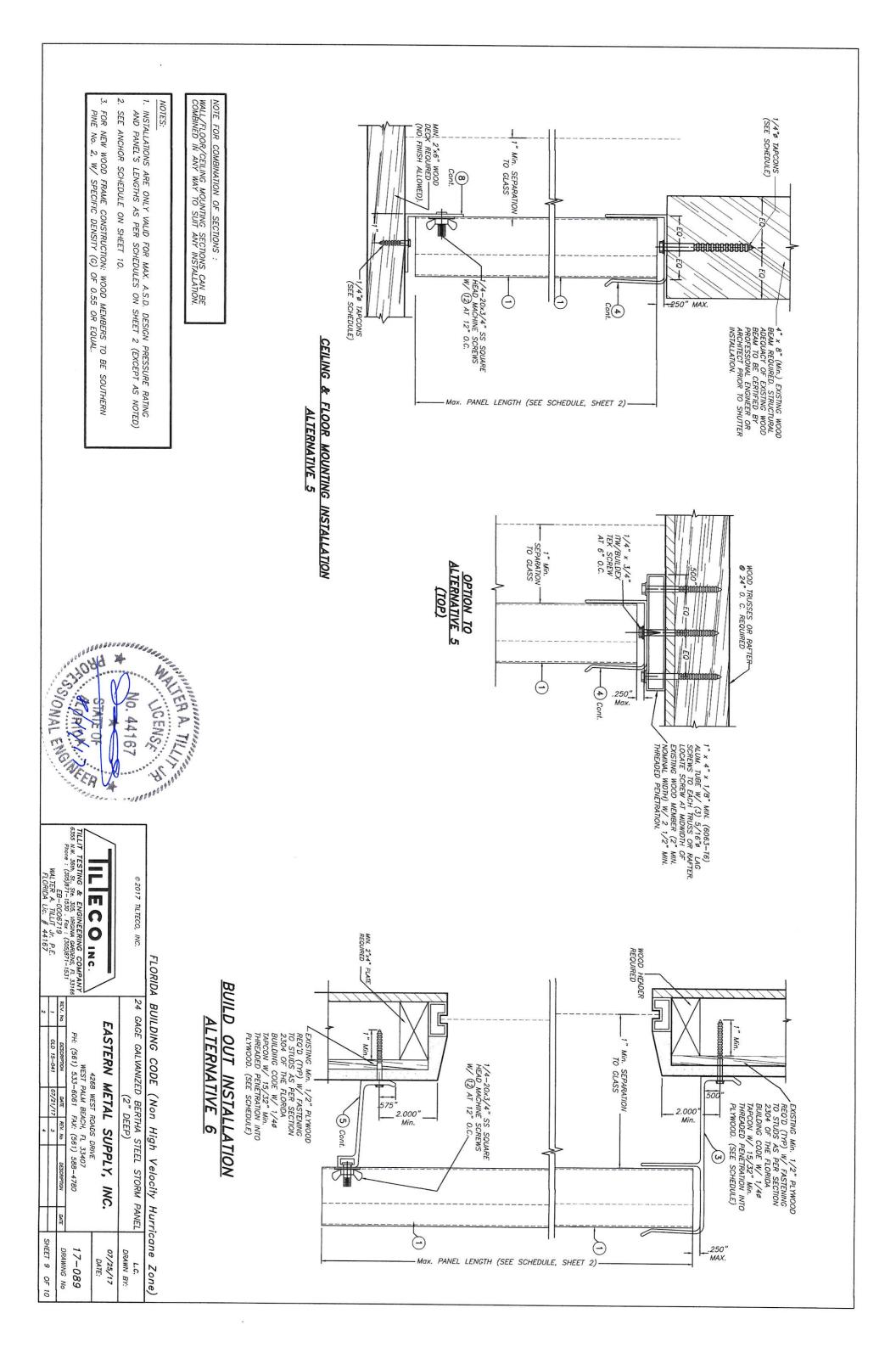
FLORIDA BUILDING CODE (Non High Velocity Hurricane Zone)

24 CAGE CALVANIZED BERTHA STEEL STORM PANEL LC.

(2" DEEP)

DRAWN BY: EASTERN METAL SUPPLY, INC. 4268 WEST ROADS DRIVE WEST PALM BEACH, FL 33407 PH: (561) 533-6061 FAX: (561) 588-4780 SHEET 7 OF 10 DRAWING No 07/25/17 DATE: L.C. DRAWN BY: 17-089





MAXIMUM A.S.D. DESIGN PRESSURE RATING (p.s.f.) AND CORRESPONDING MAXIMUM ANCHOR SPACING SCHEDULE FOR INSTALLATIONS INTO WOOD FRAME BUILDINGS

+
-
-
_
Ш
Н
SAMIN'S SSC

						+57.0, -57.0	+40.0, -40.0 UP TO	******				PRESSURE RATING (p.s.f.)	A.S.D. DESIGN
6"	6"	7"	6.5	12"	12"	7"	12"	12"	12"	12"	N/A	REGULAR TAPCONS	we
N/A	N/A	7"	6.5"	12"	12"	7"	12"	N/A	12"	12"	12"	S.G.TAPCON	WOOD FASTENERS
N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	12"	SAMIN'S SSC	
в (воттом)	6 (TOP)	5 (ВОТТОМ)	5 (TOP)	4 (ВОТТОМ)	4 (TOP)	з (воттом)	3 (TOP)	2 (ВОТТОМ)	2 (TOP)	1 (ВОТТОМ)	1 (TOP)	OF THEM	APPLICABLE TO ALTERNATIVES & &
						7'-4"	VP 70					בבאטוח ד (וני)	MAXIMUM PANEL

MAXIMUM A.S.D. DESIGN	ж	WOOD FASTENERS		APPLICABLE TO ALTERNATIVES ∮ &	MAXIMUM PANEL
PRESSURE RATING (p.s.f.)	REGULAR TAPCONS	S.G.TAPCON	SAMIN'S SSC	OF THEM	TENGTH .T. (tr.)
	N/A	12"	12"	1 (TOP)	
	12"	12"	N/A	1 (воттом)	
	12"	12"	N/A	2 (TOP)	
	12*	N/A	N/A	2 (ВОПОМ)	
+58.0, -58.0 OR	12"	12"	N/A	3 (TOP)	2'-8" OR LESS
LESS	12"	12"	N/A	з (воттом)	
	12"	12"	N/A	4 (TOP)	
	12"	12"	N/A	4 (воттом)	
	12"	12*	N/A	5 (TOP)	
	12"	12"	N/A	5 (воттом)	
	6"	N/A	N/A	6 (TOP)	
	6"	N/A	N/A	в (воттом)	

+40.0, -40.0 OR LESS

7.5" 12"

> 12* N/A

N/A N/A

3 (TOP) 3 (BOTTOM)

> 6'-0" UP 70 9'-10"

7.5"

N/A

12"

12" 12*

N/A NA

2 (TOP)

2 (BOTTOM)

7.5

N/A N/A

5 (воттом)

5 (TOP)

NA 7.5"

N/A

6 (ТОР) 6 (ВОТТОМ)

12"

12" 12"

4 (BOTTOM)

N/A

4 (TOP)

REGULAR TAPCONS

S.G.TAPCON SAMMYS SSC

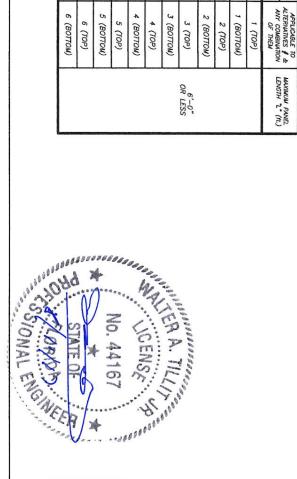
APPLICABLE TO ALTERNATIVES & & ANY COMBINATION OF THEM

MAXIMUM PANEL LENGTH "L" (ft.)

WOOD FASTENERS

12" 12"

1 (TOP) 1 (BOTTOM)



+40.0, -40.0 UP TO +50.0, -50.0

10"

10"

12"

12"

12"

10"

N/A

×× 10" 9

N N N

12"

12"

× × N/A NA

NA

12"

12°

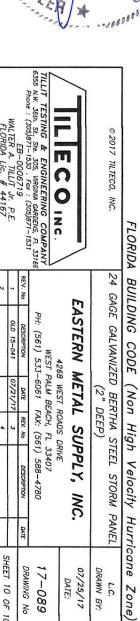
× × ×

REGULAR TAPCONS

S.G.TAPCON SAMMYS SSC

WOOD FASTENERS

NA



57	P.E. 1 0LD 15-041	REV. No DESCRIPTION	VG COMPANY REPORT 151 151 151 151 151 151 151 151 151 15	INC.	EASTERN ME	24 GAGE GALVANIZED
FLORIDA Lic. # 44	WALTER A. TILLIT Jr. P.E.	FB-0006719	TILLIT TESTING & ENGINEERING COMPANY 355 N.W. 36th. St., Ste. 305, VACOUA GARDERS, F. 3166 ENGINEERING TEST	ILIECO INC.		© 2017 TILTECO, INC.

44167	Jr. P.E.	19	ERING COMPANY	(INC.				, INC.
2	1	REV. No				<u> </u>		24 GA
	OLD 15-041	DESCRIPTION	PH: (561) 533-6061 FAX: (561) 588-4780	177	424	ASTERN		GE GALVANIZ
	07/21/17 3	DATE) 533-6061 FAX: (561) 588		ADAR WEST ROADS DRIVE	WETAL	(2" DEEP)	ED BEK
•	3	REV. No	AX: (56		DANS D	us	EEP)	IHA S
		DESCRIPTION	1) 588–4780	77.07	PINE .	EASTERN METAL SUPPLY, INC.		24 GAGE GALVANIZED BERTHA STEEL STORM PANEL
		DATE				•		ANEL
SHEEL IO OF 10	00000	DRAWING No	17-089		DATE:	07/25/17	DRAWN BY:	L.C.