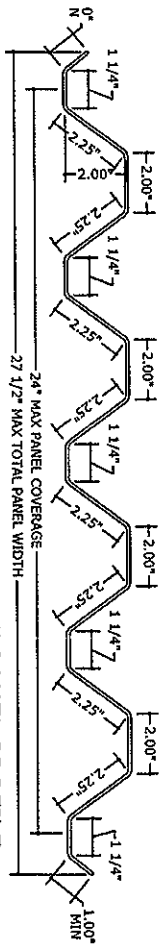
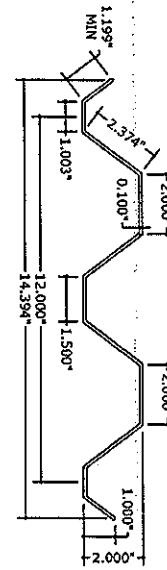


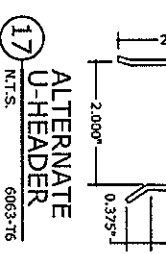
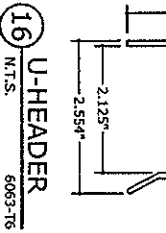
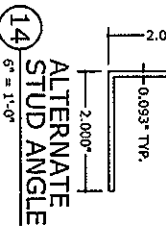
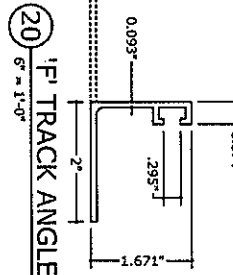
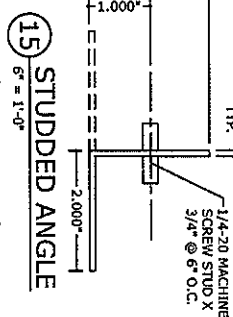
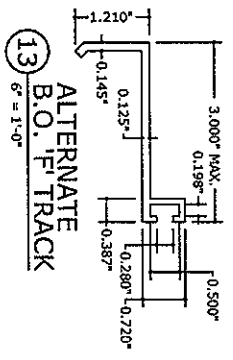
11 CLEARMAX™ DOUBLE-WIDE PANEL PROFILE  
3" = 1'-0"  
(SEE GEN NOTE 6)



21 ALTERNATE 'CLEARMAX™' DOUBLE-WIDE PANEL PROFILE  
3" = 1'-0"  
(SEE GEN NOTE 6)



12 ALT. FULL PANEL PROFILE  
N.T.S.  
(SEE GEN NOTE 6)



LOAD (psf)	MAX SPAN (ft)
38	12'-0"
40	11'-5"
45	10'-1"
50	9'-1"
55	8'-3"
60	7'-7"
65	7'-0"
70	6'-7"
75	6'-1"
80	5'-9"
90	5'-1"
100	4'-2"
110	4'-2"
120	3'-10"

LOAD (psf)	MAX SPAN (ft)	MAX DESIGN POSITIVE PRESSURES (psf)	MAX DESIGN NEGATIVE PRESSURES (psf)
17.3	8'-7"	48	80
24.2	7'-9"	38	48
34.6	7'-0"	35	48
41.6	6'-0"	35	48
56.4	5'-0"	48	80
100	4'-0"	48	80

MAXIMUM PANEL SPAN SCHEDULE (POSITIVE CONN.)

MAXIMUM PANEL SPAN SCHEDULE (W/ "H" HEADER)

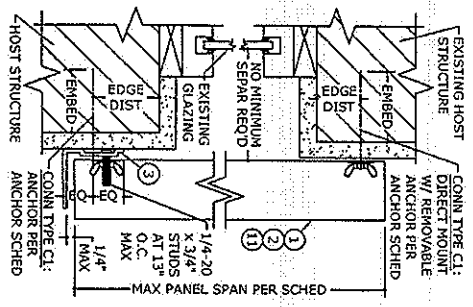
MAXIMUM SPAN SCHEDULE NOTES:

1. SPANS SHOWN IN "MAX PANEL SPAN SCHEDULES" ARE MAXIMUM ALLOWABLE SPANS AT EACH RESPECTIVE DESIGN PRESSURE.
2. THE POSITIVE CONNECTIONS, SPAN SCHEDULES MAY BE USED TO DETERMINE MAXIMUM ALLOWABLE SPANS FOR PANELS INSTALLED POSITIVE CONNECTIONS, ALL INSTALLATIONS WHICH DO NOT INCLUDE AN "H" OR "U" HEADER.
3. THE "WITH "H" OR "U" HEADER" SPAN SCHEDULE SHALL BE USED FOR ALL INSTALLATIONS WHICH INCLUDE AN "H" OR "U" HEADER.
4. ALL INSTALLATIONS WHICH INCLUDE A "U" HEADER SHALL BE VENTILATED FOR PANELS MOUNTED HORIZONTALLY OR VERTICALLY. SPAN DIRECTION IS ALWAYS PERPENDICULAR TO LINE OF ANCHORAGE.

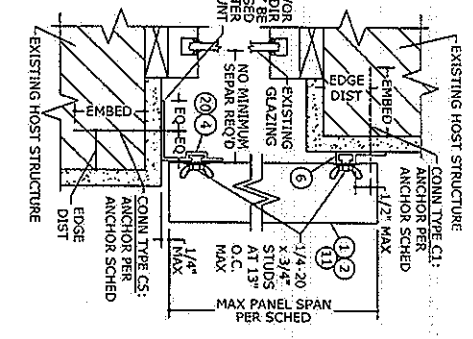
REVISION	DATE	BY	CHKD
08-TPS-0008	08/20/08	FRANK	FRANK
08-TPS-0008	11/13/08	FRANK	FRANK
08-TPS-0008	05/06/09	FRANK	FRANK
08-TPS-0008	2/6/06	FRANK	FRANK
08-TPS-0008	12/28/08	FRANK	FRANK

**TPS** Transparent Protection Systems, Inc.  
6643 42nd Terrace North  
West Palm Beach, FL 33407  
CLEARGUARD POLYCARBONATE STORM PANELS  
FOR USE OUTSIDE THE HVHZ  
TEXAS DEPARTMENT OF INSURANCE

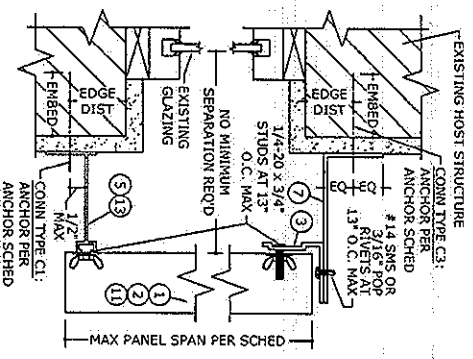
**ENGEXPCO** ENGINEERING PROFESSIONAL SERVICE  
FRANK L. BENNARDO, P.E.  
160 SW 12th Ave., #100  
DEERFIELD BEACH, FL 33442  
Ph: (954) 354-0660 FAX: (954) 354-0661  
WWW.ENGEXPCO.COM  
CERT. OF REG. #P-11343  
A FRANK L. BENNARDO, P.E., INC. INNOVATION



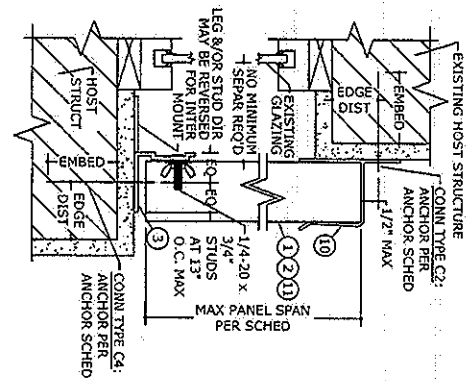
1 MOUNTING SECTION  
3 3" = 1'-0"  
VERT SECTION



2 MOUNTING SECTION  
3 3" = 1'-0"  
VERT SECTION

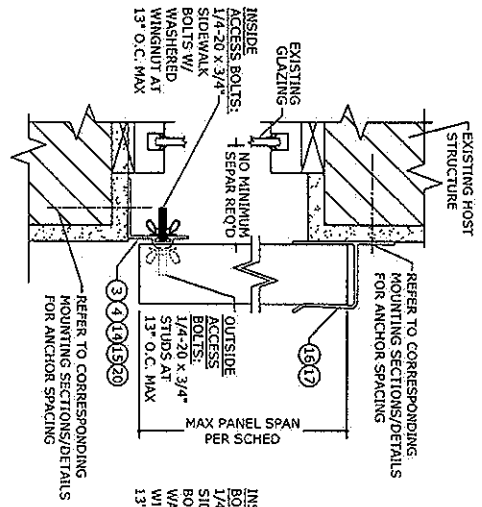


3 MOUNTING SECTION  
3 3" = 1'-0"  
VERT SECTION

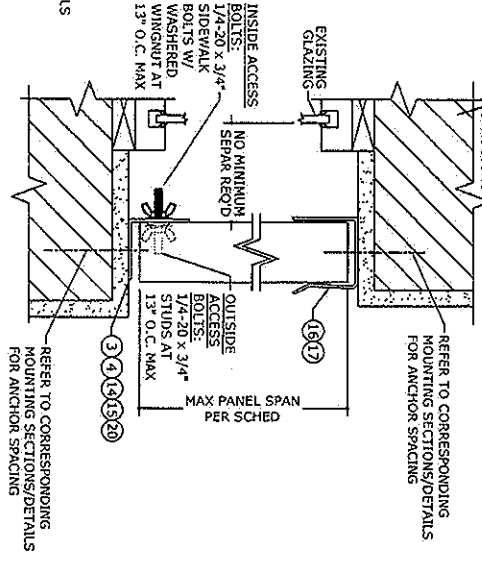


4 MOUNTING SECTION  
3 3" = 1'-0"  
VERT SECTION

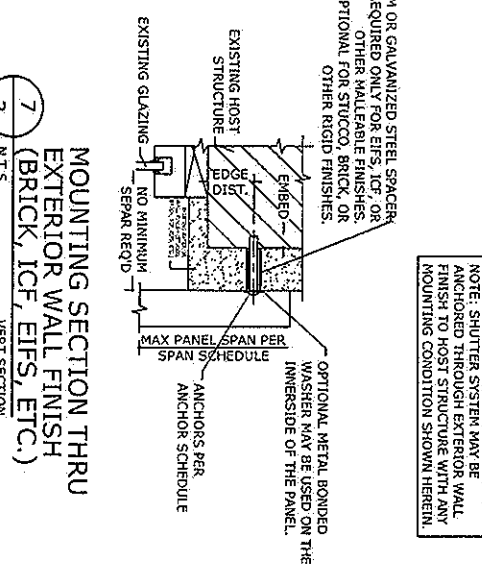
HURRI-OUT™ EGRESS STORM PANEL DETAILS\*  
(\*NOTE: SEE GENERAL NOTE #15)



5 MOUNTING SECTION  
3 N.T.S.  
VERT SECTION



6 MOUNTING SECTION  
3 N.T.S.  
VERT SECTION

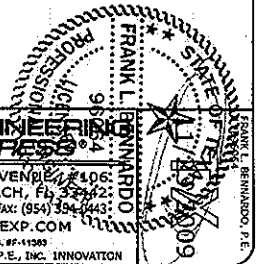


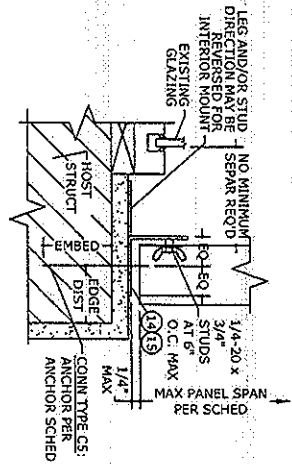
7 MOUNTING SECTION THRU EXTERIOR WALL FINISH (BRICK, ICF, EIFS, ETC.)  
3 N.T.S.  
VERT SECTION

NOTE: SHUTTER SYSTEM MAY BE ANCHORED THROUGH EXTERIOR WALL FINISH TO HOST STRUCTURE WITH ANY MOUNTING CONDITION SHOWN HEREIN.

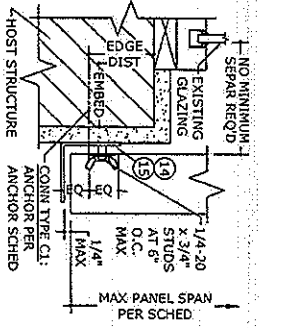
- ALUMINUM OR GALVANIZED STEEL SPACER
- REQUIRED ONLY FOR EIFS, ICF OR OTHER MALLEABLE FINISHES.
- OPTIONAL FOR STUCCO, BRICK, OR OTHER RIGID FINISHES.

<p>Transparent Protection Systems, Inc. 6543 42nd Terrace North West Palm Beach, FL 33407</p>	<p>DATE: 02/20/09 DRAWN/CHKD: RKB/FLB REVISED FOR SUBMITTAL: RKB/FLB 11/13/08 2004 FBC: CL/FLB 8/5/05 MAX PROFILE ADDED: CL/FLB 2/6/06 2007 FBC REVISION: KL/CL 12/29/08</p>	<p>160 SW 12th Avenue, Suite 406 Deerfield Beach, FL 33442 Ph: (954) 354-0660 Fax: (954) 354-6443 WWW.ENGEXP.COM CERT OF REG. #5-11993 A FRANK L. DENNARD, P.E., INC. INNOVATION</p>
	<p>REMARKS: ADJUST DETAILS &amp; SPANS REVISED FOR SUBMITTAL 2004 FBC MAX PROFILE ADDED 2007 FBC REVISION</p>	
	<p>SCALE: DATE REVISION: 103</p>	
	<p>3</p>	

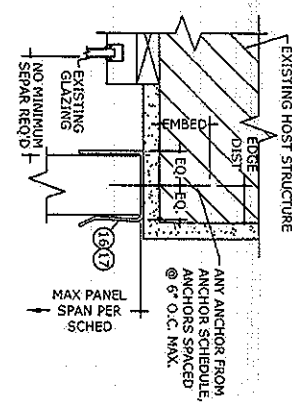




1 MOUNTING SECTION  
VERT SECTION  
3" = 1'-0"

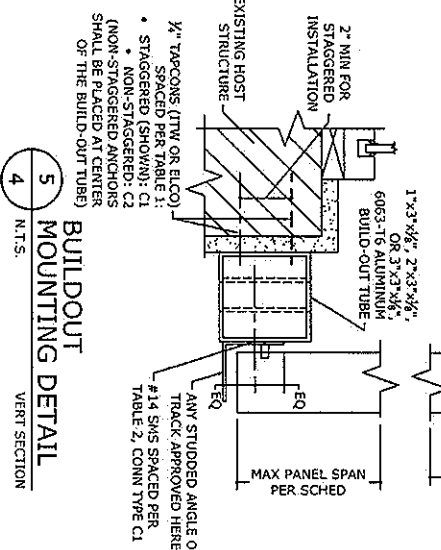
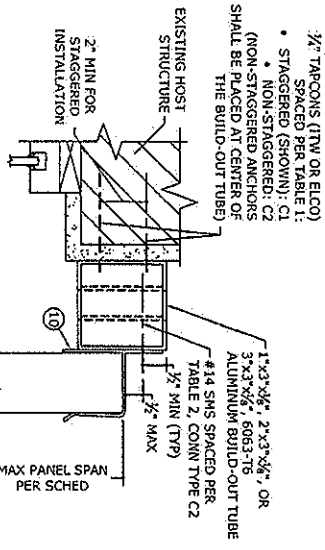


2 MOUNTING SECTION  
VERT SECTION  
3" = 1'-0"



3 MOUNTING SECTION  
VERT SECTION  
N.T.S.

**BUILDOUT MOUNTING DETAILS**



4 MOUNTING SECTION  
VERT SECTION  
3" = 1'-0"

5 BUILDOUT MOUNTING DETAIL  
VERT SECTION  
N.T.S.

**TABLE 1\*: BUILDOUT ONLY**

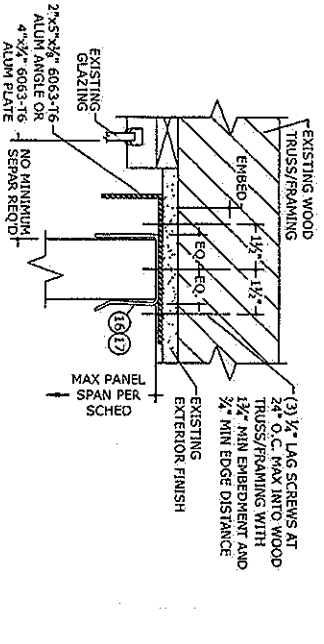
HOST	LOAD (psf)	Spans Up To 6'-0"		Spans Up To 8'-6"		Spans Up To 11'-4"	
		CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE
CONCRETE	30	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	48	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	47	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	54	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	52	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
WOOD	30	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	48	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	47	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	54	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"
	52	13.0"	13.0"	13.0"	13.0"	13.0"	13.0"

**TABLE 2\*: BUILDOUT ONLY**

LOAD (psf)	Spans Up To 6'-0"		Spans Up To 8'-6"		Spans Up To 11'-4"	
	CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE	CONN TYPE
30	C1	C2	C1	C2	C1	C2
38	C1	C2	C1	C2	C1	C2
47	C1	C2	C1	C2	C1	C2
54	C1	C2	C1	C2	C1	C2
120	C1	C2	C1	C2	C1	C2

**NOTES:**  
 1. TABLE 1 AND 2 APPLY ONLY TO BUILDOUT MOUNTING DETAIL (7/3).  
 2. TAPCONS SHALL BE INSTALLED WITH THE FOLLOWING MINIMUM EMBEDMENT:  
 • TO CONCRETE: 1 1/2" MIN  
 • TO WOOD: 1 1/2" MIN  
 • TO HOLLOW BLOCK: 1 1/2" MIN  
 3. REFER TO SHT 6 FOR ADDITIONAL ANCHOR NOTES.  
 4. THESE MOUNTING CONDITIONS MAY BE USED INDEPENDENTLY OF ONE ANOTHER AND IN CONJUNCTION WITH OTHER MOUNTING CONDITIONS/DETAILS DEPICTED HEREIN.

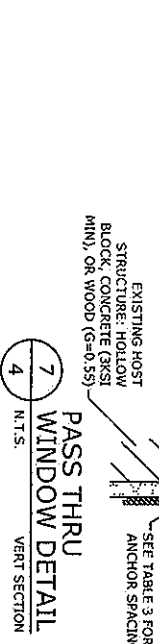
**WOOD TRUSS MOUNT DETAIL**



6 WOOD TRUSS MOUNT DETAIL  
VERT SECTION  
N.T.S.

**TABLE 3:**

1/4" TTRU TAPCONS WITH 1/2" MIN EMBED	1/4" POWERS CALKING WITH 1/2" MIN EMBED	1/4" WOOD SCREWS WITH 1 1/2" MIN PENETRATION	1/4" WOOD SCREWS WITH 1 1/2" MIN PENETRATION
CONC	CONC	WOOD	WOOD
8" O.C.	8" O.C.	12" O.C.	12" O.C.



7 PASS THRU WINDOW DETAIL  
VERT SECTION  
N.T.S.

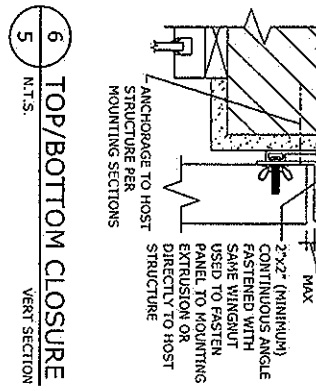
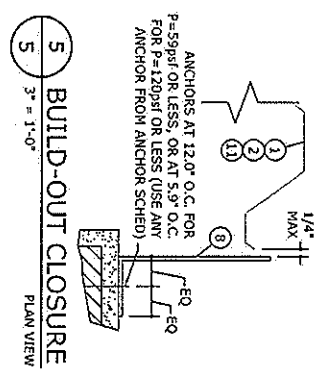
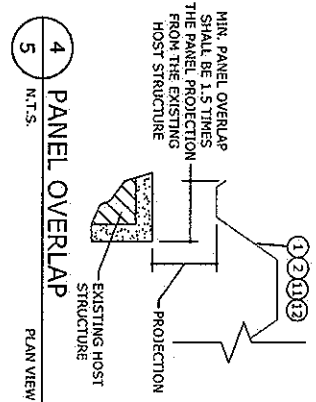
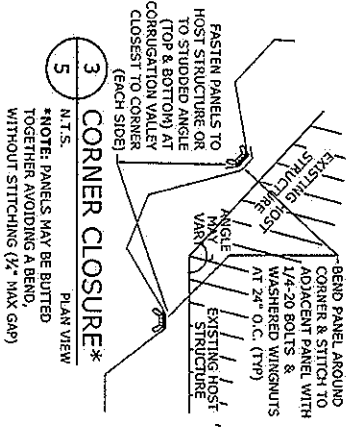
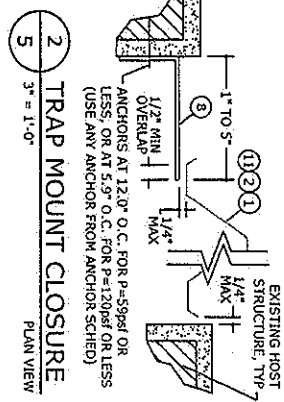
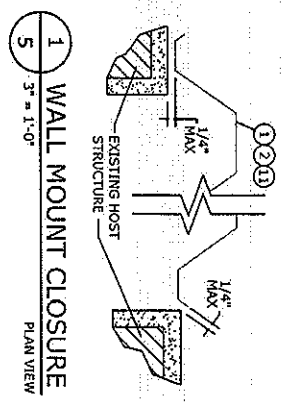
**TPS** Transparent Protection Systems, Inc.  
 6643 42nd Terrace North  
 West Palm Beach, FL 33407

CLEARGUARD POLYCARBONATE STORM PANELS  
 FOR USE OUTSIDE THE HVHZ  
 TEXAS DEPARTMENT OF INSURANCE

**GEN. EXP. ENGR.**  
 FRANK L. BENNARD, P.E.  
 160 SW 12th Avenue, #106  
 DEERFIELD BEACH, FL 33442  
 Ph: (954) 354-0660 Fax: (954) 354-0661  
 WWW.ENGEXP.COM

SCALE: 1/8" = 1'-0"  
 DATE: 08-TPS-0008  
 DRAWN/CHKD: RKB/FLB  
 REVISED FOR SUBMITTAL: RKB/FLB  
 2004 FBC: CL/FLB  
 ClearMAX PROFILE ADDED: CL/FLB  
 2007 FBC REVISION: KL/CL

**CLOSURE DETAILS**



**MINIMUM SPAN SCHEDULE**  
ONE (1) CLOSURE AT TOP OR BOTTOM

STUD OR BOTTOM CLOSURE WITH	DIRECT MOUNT		TOP OR BOTTOM MOUNT WITHOUT CLOSURE	
	STUD ANGLE (WALL MOUNT)	STUD ANGLE (WALL MOUNT)	"F" TRACK REVERSE "F" ANGLE	"H" HEADER STUD ANGLE (TRAP MOUNT)
B.O. 2x5 + STUD ANGLE	32°	30°	30°	30°
B.O. "F" TRACK	32°	30°	30°	30°
"H" HEADER	30°	30°	30°	30°

**MINIMUM SPAN SCHEDULE**  
NO TOP/BOTTOM CLOSURES

STUD ANGLE (TRAP MOUNT)	DIRECT MOUNT		BOTTOM MOUNT	
	STUD ANGLE (WALL MOUNT)	"F" TRACK REVERSE "F" ANGLE	B.O. 2x5 + STUD ANGLE	"H" HEADER STUD ANGLE (TRAP MOUNT)
32°	30°	30°	30°	30°
30°	30°	30°	30°	30°
30°	30°	30°	30°	30°

**MINIMUM SPAN SCHEDULE NOTES:**

- SPANS SHOWN ABOVE ARE MINIMUM ALLOWABLE SPANS BASED ON ANY COMBINATION OF MOUNTING CONDITIONS AT TOP OR BOTTOM. PANEL LENGTHS LESS THAN THOSE NOTED IN TABLES ABOVE ARE NOT ACCEPTABLE.
- NO SEPARATION FROM GLASS IS REQUIRED WHEN PANEL LENGTH IS GREATER THAN THAT NOTED FOR RESPECTIVE MOUNTING COMBINATIONS ABOVE.
- SIDE CLOSURES REQUIRED IF GAP BETWEEN PANEL AND STRUCTURE EXCEEDS DISTANCE SHOWN IN HORIZONTAL SECTION DETAILS (REF. DETAILS 6/3, 7/3 AND 9/3).
- TABLES ABOVE ARE VALID FOR PANELS MOUNTED HORIZONTALLY OR VERTICALLY.
- TOP/BOTTOM CLOSURES MAY CONSIST OF NON-STRUCTURAL 2899 (0.018" MIN) GALV STEEL OR 0.022" MIN SHEET ALUMINUM OF ALLOY 5052-H32 OR 3004-H34. REFERENCE DETAILS HEREIN FOR DEPICTION OF TOP/BOTTOM CLOSURE MOUNTING REQUIREMENTS.
- STORM PANELS MAY BE INSTALLED WITH A 12" MINIMUM SPAN WHEN INSTALLED WITH A CLOSURE ANGLE AT BOTH TOP AND BOTTOM.

SCALE: 1/8" = 1'-0"	DATE: 08-TPS-0008
DATE DESCRIBED: 03	SCALE: 1/8" = 1'-0"
REMARKS:	DRWN: RKB
ADD'L DETAILS & SPANS:	CHKD: FLB
REVISED FOR SUBMITTAL:	DATE: 08/20/09
2004 FBC:	DATE: 11/13/09
COM MAX PROFILE ADDED:	DATE: 05/05/05
2007 FBC REVISION:	DATE: 2/6/06
2009 FBC REVISION:	DATE: 12/29/08
APPROVED FOR THE STATE OF FLORIDA WITHIN SCOPE OF PANEL:	DATE: 08/20/09
APPROVED FOR THE STATE OF FLORIDA WITHIN SCOPE OF PANEL:	DATE: 08/20/09
APPROVED FOR THE STATE OF FLORIDA WITHIN SCOPE OF PANEL:	DATE: 08/20/09

**TPS** Transparent Protection Systems, Inc.  
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**CLEARGUARD POLYCARBONATE STORM PANELS**  
FOR USE OUTSIDE THE HVHZ  
TEXAS DEPARTMENT OF INSURANCE

**ENGEXP** ENGINEERS & ARCHITECTS  
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CERT OF REG. #1-1385  
A FRANK L. BERNARDO, P.E., INC. INNOVATION



### ANCHOR SCHEDULES

ANCHOR	LOAD (psf)	2" MIN EDGE DISTANCE														
		Spans Up To 6'-0"					Spans Up To 8'-6"					Spans Up To 12'-0"				
		C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
1/4" TAPCON (ELCO OR ITW) WITH 1-3/4" EMBED (3192Psi MIN CONC)	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4" ELCO PANELMATE WITH 1-3/4" MIN EMBED (3350Psi MIN CONC)	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4"-20 ALL POINTS SOLID SET WITH 7/8" MIN CONC (3000Psi MIN CONC)	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4"-20 POWERS CALX-IN WITH 7/8" MIN EMBED (2000Psi MIN CONC)	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'

HOLLOW BLOCK	LOAD (psf)	2" MIN EDGE DISTANCE														
		Spans Up To 6'-0"					Spans Up To 8'-6"					Spans Up To 12'-0"				
		C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
1/4" TAPCON (ELCO OR ITW) WITH 1-1/4" EMBED	30	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'
1/4" ELCO PANELMATE (FEMALE, MALE, OR PLUS) WITH 1-1/4" MIN EMBED	30	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'	10.0'
1/4"-20 ALL POINTS SOLID SET WITH 7/8" MIN EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4"-20 POWERS CALX-IN WITH 7/8" MIN EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'

### ANCHOR SCHEDULE NOTES:

1. 1/4" TAPCONS MAY BE BY ITW OR BY ELCO. "ELCO PANELMATE" ANCHORS MAY BE MALE, FEMALE, OR PANELMATE PLUS, AS ILLUSTRATED. HEAD STYLE MAY BE STD 13/32" OR WASHHERD 5/8" HEX HEAD.
2. ENSURE MINIMUM 2" EDGE DISTANCE FOR ALL ANCHORS TO CONCRETE & TO HOLLOW BLOCK.
3. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
4. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
5. WHERE FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD, VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS. ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x4 (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING). WOOD STUD SHALL BE "SOUTHERN PINE" (FOR G=0.55 OR GREATER DENSITY) OR "SPRUCE-PINE-FIR" (FOR G=0.42 OR GREATER DENSITY).
6. ANCHOR SCHEDULE APPLIES FOR ALL PRODUCTS CERTIFIED HEREIN, BUT ONLY PROVIDES MAXIMUM ALLOWABLE ANCHOR SPACING. MAXIMUM ALLOWABLE SPANS AND PRESSURES INDICATED IN SPAN SCHEDULE SHALL APPLY.
7. ANCHOR SCHEDULES SHALL HAVE MINIMUM OF 1/2" ENGAGEMENT OF THREADS IN BASE ANCHOR AND 1/4" MINIMUM STRENGTH SHALL BE MAINTAINED TO THE ANCHOR HEAD (STANDARD BOLT) UNLESS OTHERWISE NOTED OTHERWISE. PANELS SHALL BE ANCHORED TO THE MOST STRUCTURE ONLY WITH THESE ANCHORS. LOCATED AT KERNALS AND LESS THAN OR EQUAL TO ALLOWABLE SPACING SHOWN IN ANCHOR SCHEDULE.

ANCHOR	LOAD (psf)	3/4" MIN EDGE DISTANCE														
		Spans Up To 8'-0"					Spans Up To 8'-6"					Spans Up To 12'-0"				
		C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
1/4" TAPCON (ELCO OR ITW) OR #14 WOOD SCREW W/ 1-1/2" EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4" ELCO PANELMATE (FEMALE, MALE OR PLUS) WITH 1-1/2" MIN EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4" LAG SCREW OR HANGAR BOLT WITH 3/4" EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
7/16" WOOD BUSHING W/ 7/8" MIN EMBED & 1/4"-20 S.S. NUT/TIGHT SCREW	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'

WOOD (G=0.42 MIN)	LOAD (psf)	3/4" MIN EDGE DISTANCE														
		Spans Up To 8'-0"					Spans Up To 8'-6"					Spans Up To 12'-0"				
		C1	C2	C3	C4	C5	C1	C2	C3	C4	C5	C1	C2	C3	C4	C5
1/4" TAPCON (ELCO OR ITW) OR #14 WOOD SCREW W/ 1-1/2" EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4" ELCO PANELMATE (FEMALE, MALE OR PLUS) WITH 1-1/2" MIN EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
1/4" LAG SCREW OR HANGAR BOLT WITH 3/4" EMBED	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'
7/16" WOOD BUSHING W/ 7/8" MIN EMBED & 1/4"-20 S.S. NUT/TIGHT SCREW	30	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'	13.0'

DATE: 08-TPS-0008	SCALE: 1/8" = 1'-0"	ZONE DESCRIPTION: 03
REMARKS: ADD'L DETAILS & SPANS	DRWN: RKB	CHKD: FLB
REVISED TDI SUBMITTAL	RKB	FLB
2004 FBC	CL	FLB
08-TPS-0008	CL	FLB
2007 FBC REVISION	KL	CL
2008 FBC	CL	FLB
2009 FBC	CL	FLB
2010 FBC	CL	FLB

**TPS** Transparent Protection Systems, Inc.  
 6643 42nd Terrace North  
 West Palm Beach, FL 33407  
**CLEARGUARD POLYCARBONATE STORM PANELS**  
 FOR USE OUTSIDE THE HVHZ  
 TEXAS DEPARTMENT OF INSURANCE

**ENGEXP** ENGINEERING EXPRESS  
 160 SW 12th Avenue, Suite 205  
 DEERFIELD BEACH, FL 33442  
 Ph: (954) 354-0660 Fax: (954) 354-0661  
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 CERT OF REG. #F-11585  
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