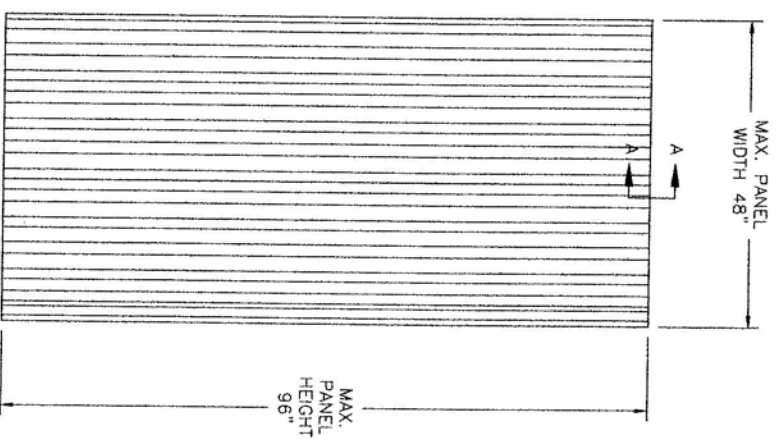


EXTERIOR ELEVATION
16MM

MAXIMUM ALLOWABLE
DESIGN PRESSURE
±60.0 PSF



EXTERIOR ELEVATION
25MM

MAXIMUM ALLOWABLE
DESIGN PRESSURE
±80.0 PSF

- NOTES:
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2004 FLORIDA BUILDING CODE AND THE INTERNATIONAL BUILDING CODE.
 2. PANELS SHALL BE FASTENED ACCORDING TO FASTENER MANUFACTURERS INSTALLATION SPECIFICATIONS AND AS SHOWN HEREIN.
 3. PANEL FRAME MATERIAL: POLYCARBONATE 16MM AND 25MM.
 4. MAXIMUM PANEL SIZE: 48" X 96"
 5. TOP AND BOTTOM DETAILS SHOWN MAY BE INTERCHANGED AS FIELD CONDITIONS DICTATE PANELS MAY BE MOUNTED HORIZONTALLY WHERE APPLICABLE.
 6. RECOMMENDED SEPARATION 1" BETWEEN PRODUCT AND EXISTING GLASS.

TABLE OF CONTENTS

SHEETS	SHEET DESCRIPTION
1	ELEVATION & NOTES
2	ANCHORING & NOTES
3	INSTALLATION DETAILS IN CONCRETE/MASONRY
4	INSTALLATION DETAILS IN WOOD FRAME
5	COMPONENTS & B.O.M.

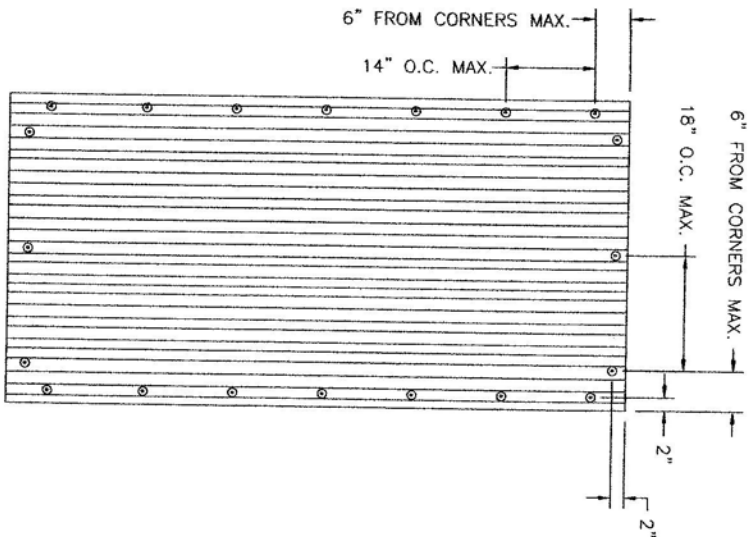
SYN	REVISION	DATE	BY

Luis R. Lomas, P.E.
Florida No. 62714
9/21/06
PTC Engineering, Inc.
239 S.E. Security Lane
Fort Lauderdale, FL 33322
FBI Certificate of Authorization No. 28925

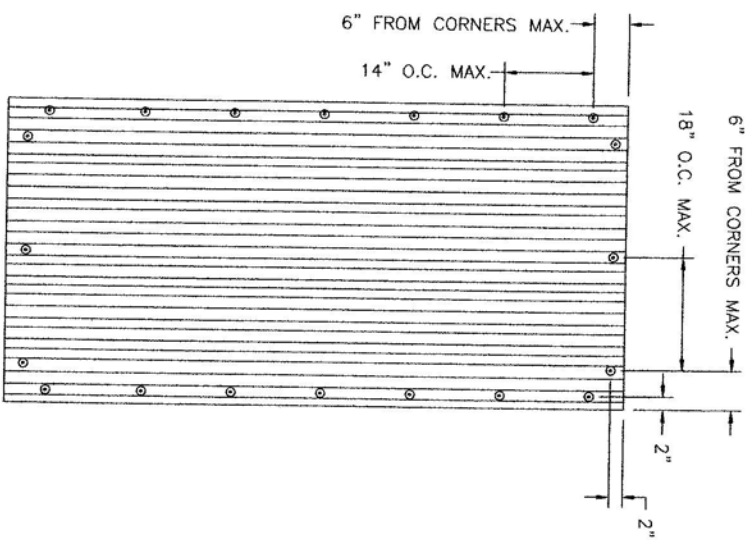
DOTT GALLINA s.r.l.
Str. Carignano 104
10040 La Loggia - Italy
16 & 25 MM HURRICANE STORM PANEL RDC
ELEVATION & NOTES
PREPARED BY: JRM
SCALE: NTS
DATE: 9/21/06
DWG. NO.: GAL-0007
SHEET: 1 OF 5



PTC ENGINEERING, INC.
Phone 772.388.4639 Fax 772.388.4634



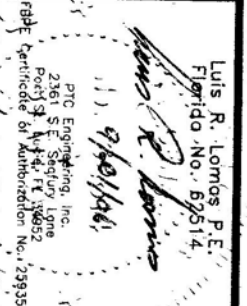
ANCHOR ELEVATION
16MM



ANCHOR ELEVATION
25MM

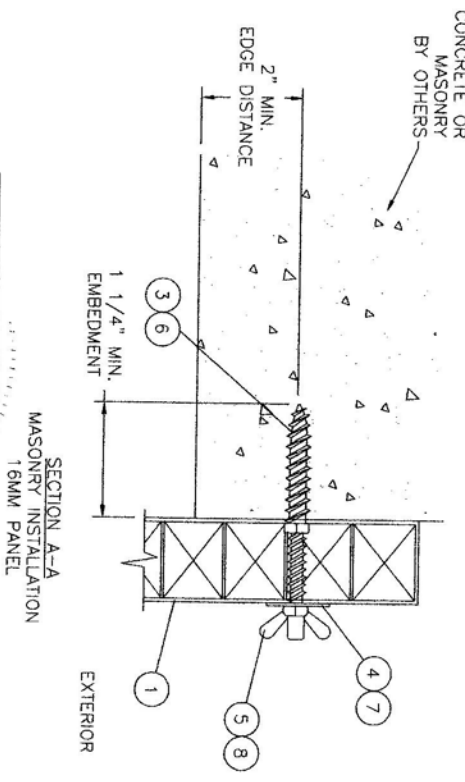
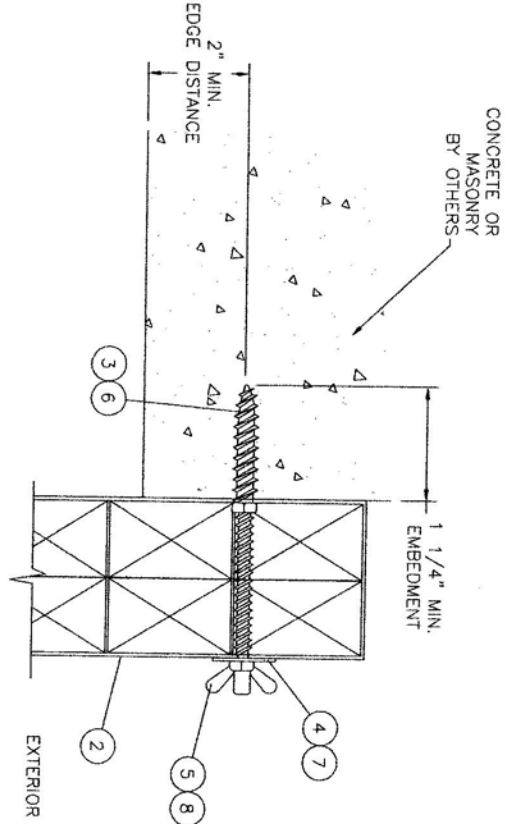
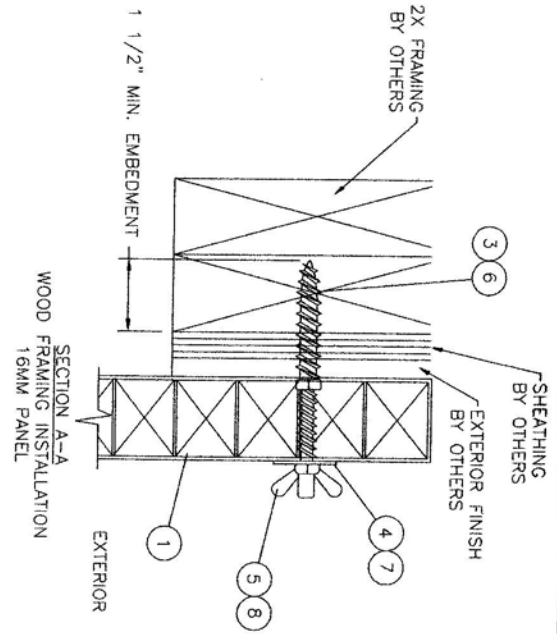
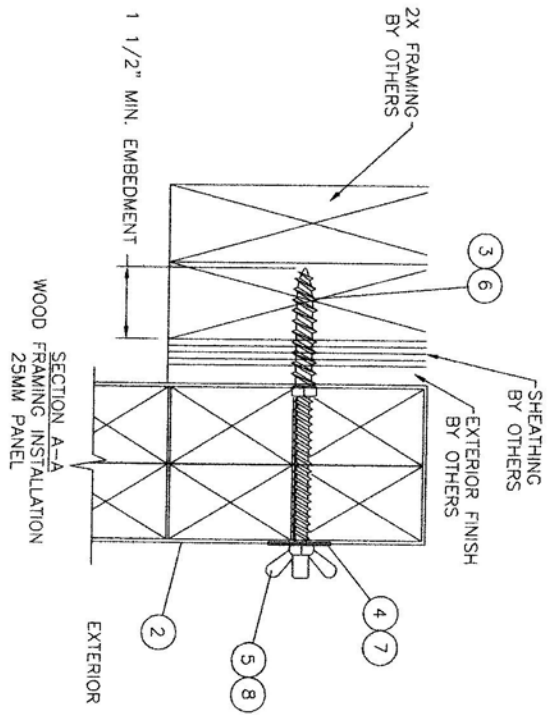
- ANCHORING NOTES:
1. LOCATE ANCHORS AS FOLLOWS:
AT SHORTER SIDE: 6" MAXIMUM FROM EACH CORNER AND 18" MAXIMUM ON CENTER THEREAFTER.
AT LONGER SIDE: 6" MAXIMUM FROM EACH CORNER AND 14" MAXIMUM ON CENTER THEREAFTER.
 2. ALL BOLTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60 K.S.I., UNLESS OTHERWISE SPECIFIED.
 3. WHEN ANCHORING INTO MASONRY SUBSTRATE A MINIMUM EDGE DISTANCE OF 2" MUST BE MAINTAINED.

REVISION	DATE	BY
SM		

Luis R. Lomas P.E.
 Florida No. 62614

 PTC Engineering, Inc.
 2361 S.E. Seagrury Lane
 Fort St. Andrews, FL 32652
 Certificate of Authorization No. 29935

TITLE: 16 & 25 MM HURRICANE STORM PANEL RDC
 ANCHORING ELEVATION & NOTES
 PREPARED BY: PTC ENGINEERING, INC.
 DOTT GALLINA s.r.l.
 Str. Carignano 104
 10040 La Loggia - Italy
 Phone 772.398.4639 Fax 772.398.4654

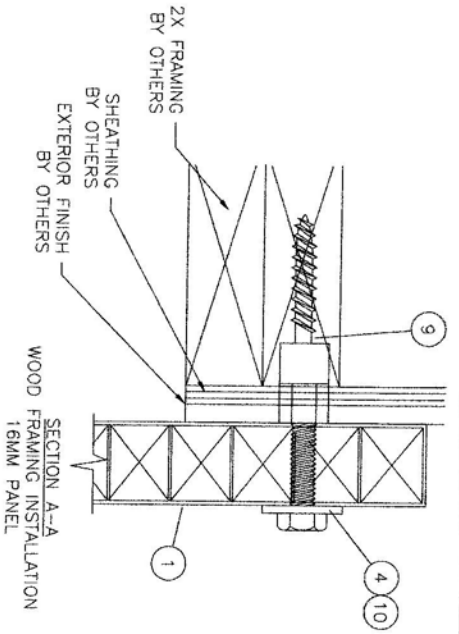
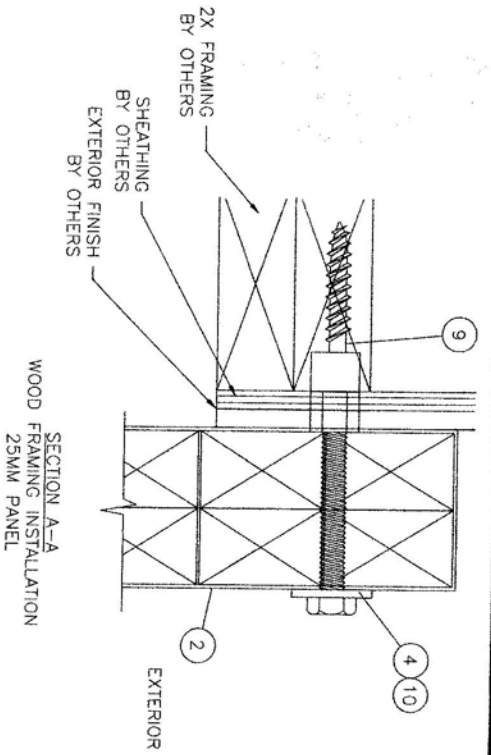
DATE: 9/21/06	DATE:
DWG. NO: GAL-0007	DWG. NO:
SCALE: NTS	SCALE:
REV: -	REV:
SHEET: 2 OF 5	SHEET:



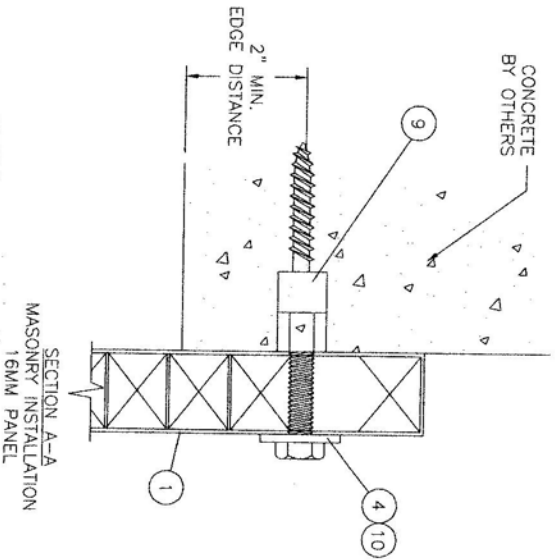
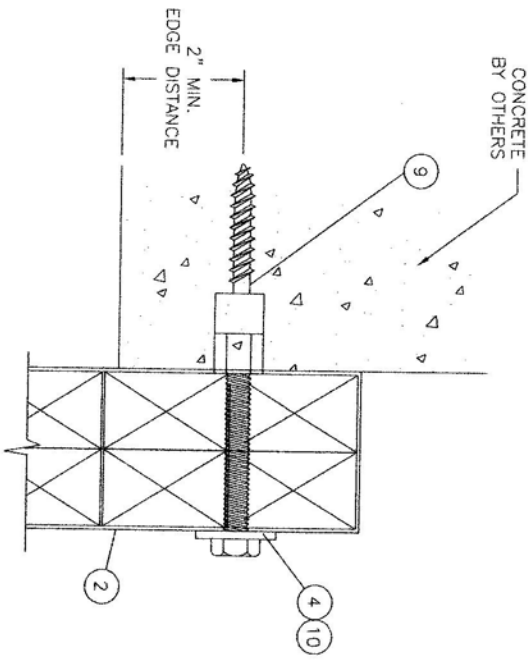
NO.	REVISION	DATE	BY

Luis R. Lomas, P.E.
 Florida, No. 62514
 PTC Engineering, Inc.
 2361 S.E. Seabury Lane
 Fort St. Jude, FL 34952
 Certificate of Authorization No. 23833
 9/18/04

TITLE: 16 & 25 MM HURRICANE STORM PANEL RDC
 INSTALLATION DETAILS
 DOTT GALLINA s.r.l.
 Str. Carrignano 104
 10040 La Loggia - Italy
 PREPARED BY: JRM
 SCALE: NTS
 DATE: 9/21/06
 DWG. NO.: GAL-0007
 SHEET: 3 OF 5



SECTION A-A
MASONRY INSTALLATION
25MM PANEL



DATE	BY	REVISION	SWM

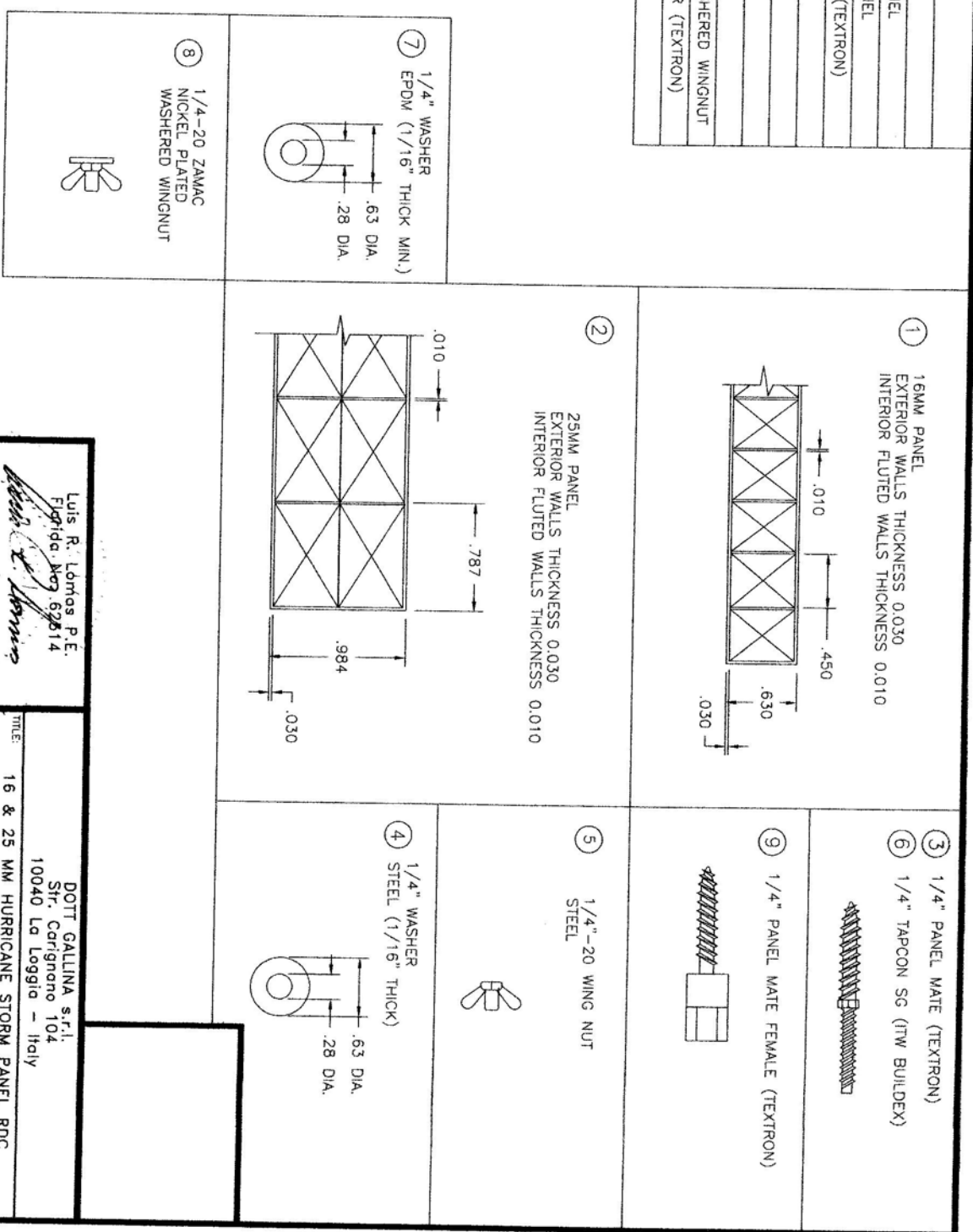
Luis R. Lomas
 Luis R. Lomas, P.E.
 Florida No. 62514
 PTC Engineering, Inc.
 2361 S.E. Sedgum Lane
 Port St. Lucie, FL 34952
 F943 Certificate of Authorization No. 25935

TITLE: 16 & 25 MM HURRICANE STORM PANEL RDC
 INSTALLATION DETAILS
 DOTT GALLINA s.r.l.
 Str. Corrigiano 104
 10040 La Loggia - Italy
 Prepared by: PTC
 PTC ENGINEERING, INC.
 Phone 772.388.4639 Fax 772.388.4654
 DWN: JRM DATE: 9/21/06
 SCALE: NIS DWG. NO.: GAL-0007
 REV: - SHEET: 4 OF 5

BILL OF MATERIALS

ITEM #	PART #	DESCRIPTION
1	2161	16 MM POLYCARBONATE STORM PANEL
2	2151	25 MM POLYCARBONATE STORM PANEL
3		PURCHASE 1/4" PANEL MATE MALE FASTENER (TEXTRON)
4		PURCHASE 1/4" STEEL WASHER
5		PURCHASE 1/4-20 STEEL WINGNUT
6		PURCHASE 1/4" TAPCON SG (ITW BUILDEX)
7		PURCHASE 1/4" EPDM WASHER
8		PURCHASE 1/4-20 ZAMAC NICKEL PLATED WASHERED WINGNUT
9		PURCHASE 1/4" PANEL MATE FEMALE FASTENER (TEXTRON)
10		PURCHASE 1/4-20 ANCHOR BOLT HH STEEL

- NOTES:
- ITEM 6 IS AN ALTERNATE FOR ITEM 3
 - ITEM 7 IS AN ALTERNATE FOR ITEM 4
 - ITEM 8 IS AN ALTERNATE FOR ITEM 5



SM	REVISION	DATE	BY

Luis R. Lomas P.E.
 Florida, No. 62814
 9/21/06
 PTC Engineering, Inc.
 2361 S.E. Seafury Lane
 Fort St. Vt. Ft. FL 32952
 FBPE Certified by Authorization No. 25935

DOTT GALLINA s.r.l.
 Str. Corignano 104
 10040 La Loggia - Italy
 TITLE: 16 & 25 MM HURRICANE STORM PANEL RDC
 COMPONENTS AND B.O.M.
 PREPARED BY: JRM
 SCALE: NTS
 DATE: 9/21/06
 DWG. NO.: GAL-0007
 SHEET: 5 OF 5

