

POLYGAL SG 16MM
 UP TO 48" X 96"
 EXTERIOR VIEW
DESIGN PRESSURE RATING
 #45 PSF
LARGE MISSILE IMPACT

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED

- NOTES:
- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2003 IBC AND THE 2003 IRC.
 - 2) WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - 3) CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW.
 - 4) POLYGAL SG 16MM PANEL MATERIAL IS STANDARD GRADE POLYCARBONATE.
 - 5) ALL FASTENERS, NUTS AND WASHERS SHALL BE GALVANIZED OR STAINLESS STEEL WITH A MINIMUM TENSILE STRENGTH OF 60KSI.
 - 6) APPLICABLE TEST REPORT: ATLNC 0828.02-06
 - 7) FOR ANCHORING INTO MASONRY USE 1/4" ELCO PANELMATE PLUS OR TAPCON SG OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS.
 - 8) FOR ANCHORING INTO WOOD FRAMING USE 1/4" ELCO PANELMATE PLUS OR TAPCON SG OF SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATION DETAILS.
 - 9) PANEL MAY BE INSTALLED HORIZONTALLY WHERE APPLICABLE
 - 10) MINIMUM REQUIRED SEPARATION 5" BETWEEN PRODUCTS AND EXISTING GLASS.
 - 11) WOOD FRAMING TO BE .53 MINIMUM SPECIFIC GRAVITY.
 - 12) PANEL MAY NOT BE LEFT EXPOSED LONGER THAN A HURRICANE EVENT.
 - 13) PANEL WAS TESTED USING THE FOLLOWING STANDARDS: ASTM D635, ASTM D1929, ASTM E84, ASTM E330, ASTM E1886 AND ASTM E1996.

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SHEET NO.	DESCRIPTION
1	ELEVATION ANCHORING AND GENERAL NOTES
2	INSTALLATION DETAILS, COMPONENTS AND B.O.M.

POLYGAL INC.
 9405 D DUCKS LANE SUITE A
 CHARLOTTE, NC 28275

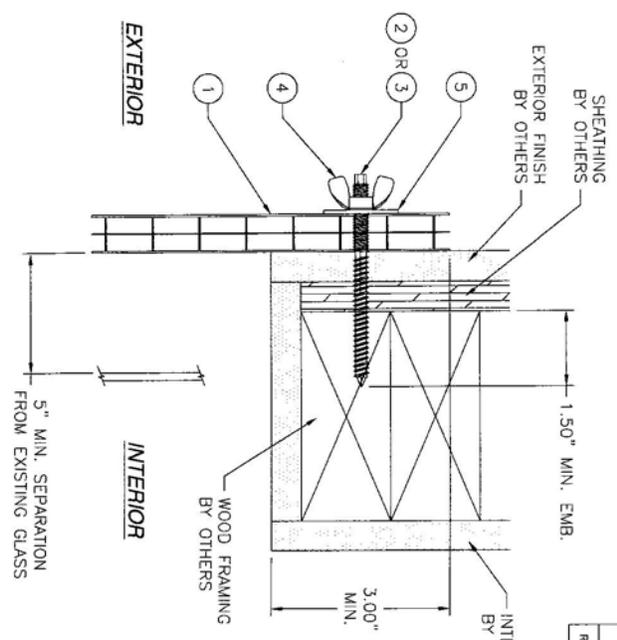
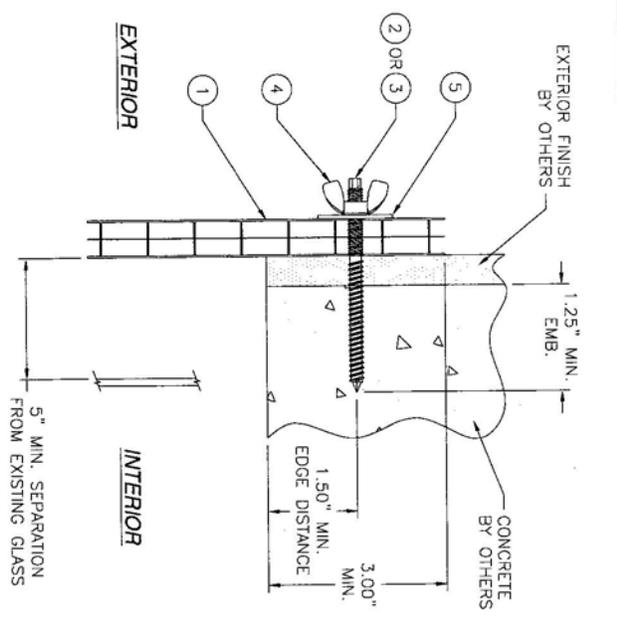
POLYGAL SG 16 MM
 ELEVATION, ANCHORING AND NOTES

Drawn: R.L.
 DWG NO: FL 00281
 DATE: 10/11/07
 SHEET 1 OF 2

REV 1
 11/07/07
 Luis R. Lommes P.E.
 Florida No. 62514



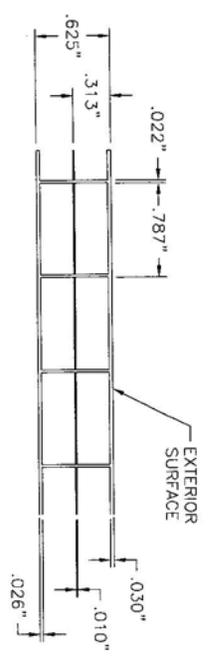
REV	DESCRIPTION	DATE	APPROVED



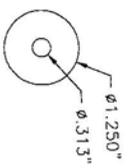
SECTION A-A
CONCRETE INSTALLATION

SECTION A-A
WOOD FRAMING INSTALLATION

1 PANEL CROSS SECTION
POLYCARBONATE



PARTS LIST		
NO.	PART NUMBER	DESCRIPTION
1	POLYGAL SG 16 MM	POLYGAL SG 16 MM
2	1/4\"/>	



POLYGAL INC.
9405 D DUCKS LANE SUITE A
CHARLOTTE, NC 28273

POLYGAL SG 16 MM
INSTALLATION DETAILS, COMPONENTS AND B.O.M.

DRAWN: R.L. DWG NO. FL 00281
SCALE: NTS DATE 10/11/07 SHEET 2 OF 2

APPROVED: *[Signature]*
LARRY R. LOMOS, P.E.
Florida No. 67514

