

CONTINENTAL GLASS SYSTEMS, INC.
VDS 60 MIN. TEMP. RISE HI CURTAIN WALL
LARGE MISSILE IMPACT (LMI)

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION OF FLORIDA BUILDING CODE 2020 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THIS CURTAIN WALL IS APPROVED FOR AIR AND WATER INFILTRATION.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
- MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 7TH EDITION FLORIDA BUILDING CODE (2020) SECTION AS APPLICABLE.
- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-16, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.

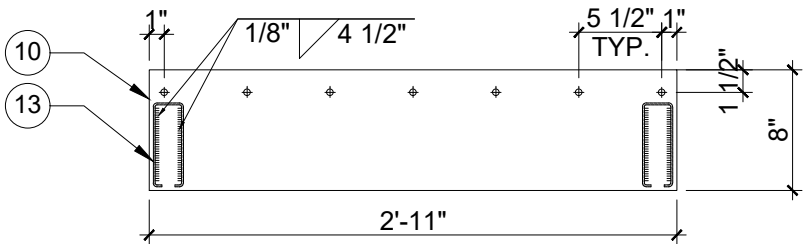
-TYPICAL ANCHORS: (SEE ELEVATIONS FOR SPACING)

A) 3/8" DIA. HILTI KWIK HUS EZ
(Fu = 120 KSI, Fy = 95 KSI)
2 1/2" MIN. EMBED DIRECTLY INTO CONCRETE

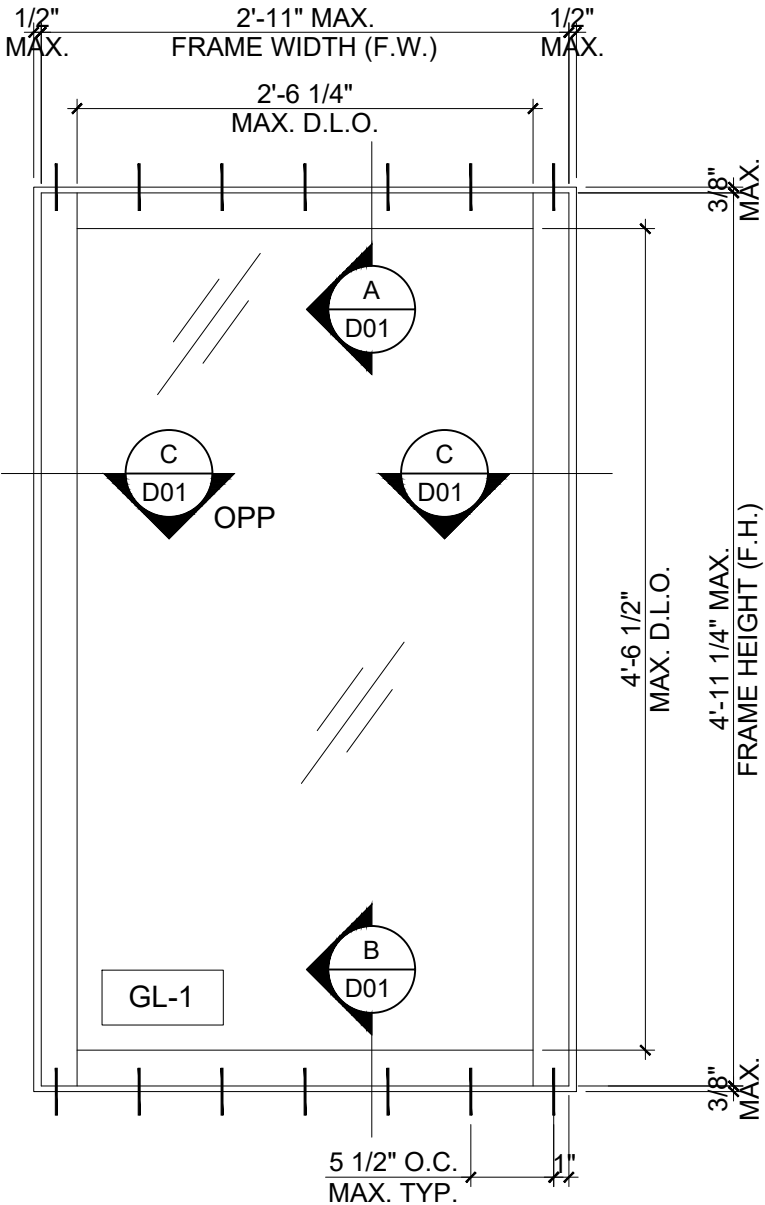
-SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME SEALED WITH SILICON SEALANT.

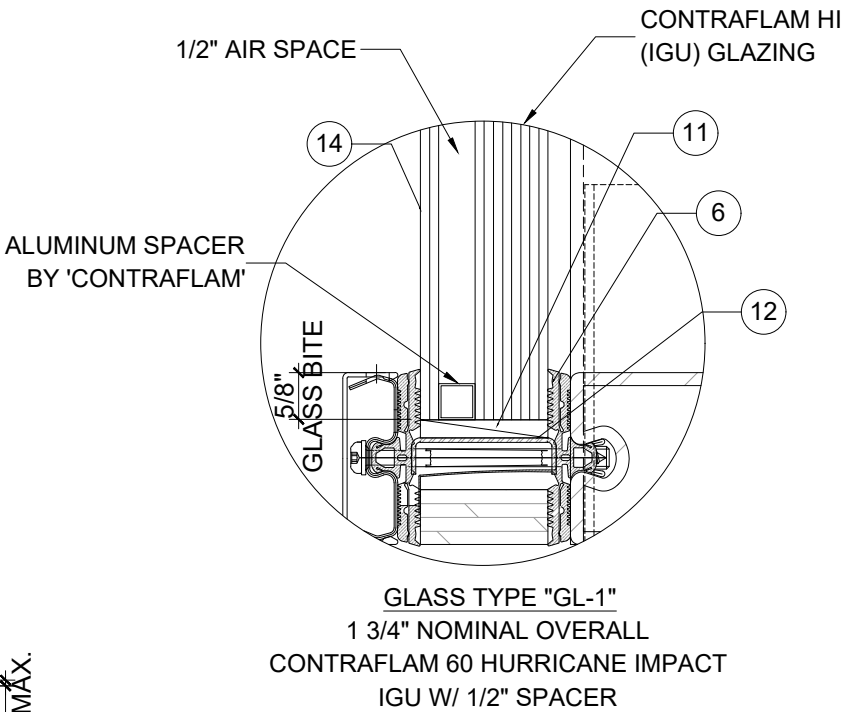
DESIGN LOADS
(FOR SIZES SHOWN ABOVE OR SMALLER) AS PERMITTED BY FBC
+90.0 PSF
- 90.0 PSF



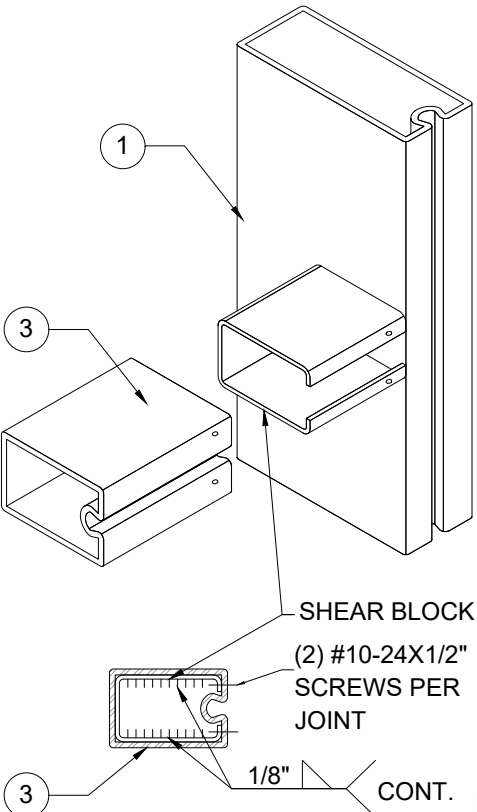
ANCHOR LAYOUT
HEAD & SILL



TYPICAL ELEVATION
(EXTERIOR)



NOTE:
GLASS COMPLIES WITH ASTM E1300-09 (3 SEC. GUSTS).



FRAME ASSEMBLY

LIMITATIONS OF USE
A- THIS PRODUCT EVALUATION DOCUMENT (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 AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
C- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
D- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR 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.
E- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

FL #18396.3
YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #55983
C.A.#559877
STATE OF FLORIDA
PROFESSIONAL ENGINEER

REVISIONS	
NO.	DATE

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027 P: 786.360.2786
www.MCYEngineering.com MCY@MCYENGINEERING.COM

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CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE HIALEAH, FL 33014
TEL (305) 231-1101 FAX (305) 231-1103

E1	
DATE	11/19/2020
SCALE	AS SHOWN
DRAWN	
PROJECT	15-078
DRAWING NO. AD15-70	
1 OF 3	

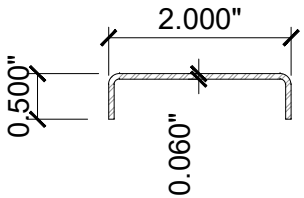
BILL OF MATERIALS				
ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	76866	VERTICAL MEMBER	STEEL A36 MIN.	VETROTECH
2	-	SHEAR LUG FOR VERTICAL PROFILE	STEEL A36 MIN.	VETROTECH
3	76863	HORIZONTAL MEMBER	STEEL A36 MIN.	VETROTECH
4	933560	PRESSURE PLATE	STEEL A36 MIN.	VETROTECH
5	935460	WEATHER STRIPPING	EPDM	VETROTECH
6	935461	WEATHER STRIPPING WITH FIN	EPDM	VETROTECH
7	936816/936814	PRESSURE PLATE LOCKING SCREW	STEEL A36 MIN.	VETROTECH
8	-	PERIMETER SEALANT	-	VETROTECH
9	-	BACKING ROD	FOAM	VETROTECH
10	-	1/4" STEEL FRAME ANCHOR PLATE	STEEL A36 MIN.	VETROTECH
11	-	GLASS SETTING BLOCKS - 70 DUREX OR BETTER	HARDWOOD, CALCIUM SILICATE, OR NEOPRENE	VETROTECH
12	-	WELD-IN SETTING BLOCK SHELF	STEEL A36 MIN.	VETROTECH
13	932364	HORIZONTAL COVER CAP	STEEL A36 MIN.	VETROTECH
14	-	CONTRAFILM HI (IGU) GLAZING	-	VETROTECH
15	-	HARDWOOD BLOCK	WOOD	VETROTECH

1 VERTICAL MEMBER
STEEL A36 MIN. 76866

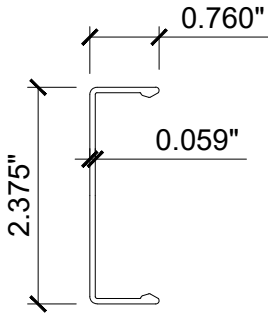
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STEEL A36 MIN.

3 HORIZONTAL MEMBER
STEEL A36 MIN. 76863

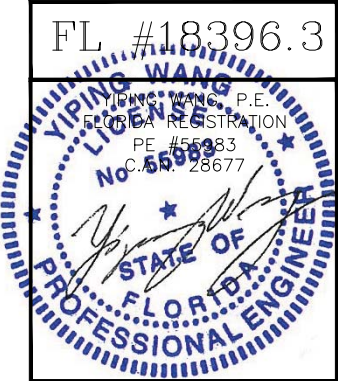
4 PRESSURE PLATE
STEEL A36 MIN. 933560



12 WELD-IN SETTING BLOCK SHELF
STEEL A36 MIN.



13 COVER CAP
STEEL A36 MIN. 932364



REVISIONS	
NO.	DESCRIPTION

MCY

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