

STORM PANELS, S.A. DE C.V.

SERIES "PH-POL25"

IMPACT PROTECTIVE SYSTEMS

INSTALLATION NOTES:

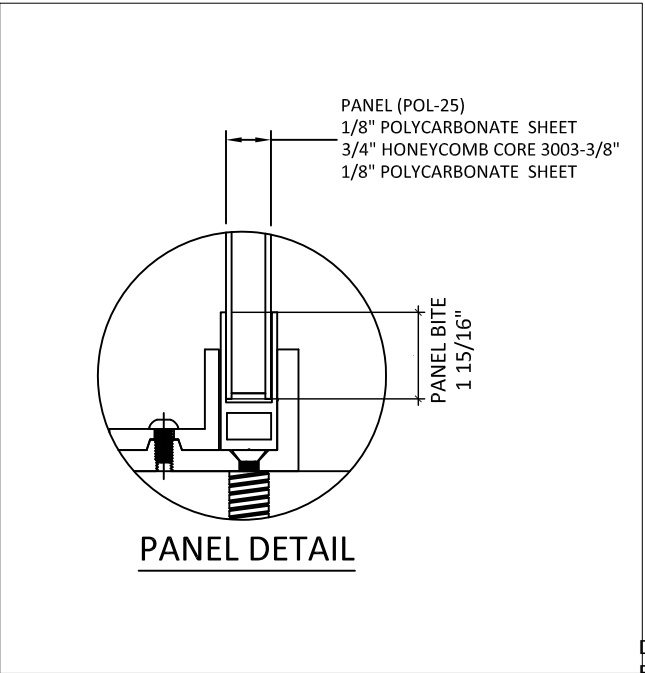
- ONE (1) INSTALLATION ANCHORS ON HEAD, SILL, AND JAMB FOR EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- THROUGH FRAME:** FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY USE 7/8 INCH DIAMETER INSERT WITH HIT-RE-500-SD EPOXY OF SUFFICIENT LENGTH TO ACHIEVE 2 1/2 INCH MINIMUM EMBEDMENT INTO SUBSTRATE.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E1996-14a
 - ASTM E330-14
 - ASTM E1886-13a
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4 OR LESS.
- FRAME MATERIAL: ALUMINUM & POLYCARBONATE
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - O: FIXED PANEL

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5	-	ANCHOR LAYOUT
6	-	BOM & COMPONENTS

DESIGN PRESSURE RATING		
OVERALL SIZE	DESIGN PRESSURE	IMPACT
153.7" x 122.4"	+/- 60 PSF	WZ4 MISSILE LEVEL D



Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2018.08.06 08:53:26 -04'00'

PREPARED BY:



BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)744.4738
WEB: www.buildingdrops.com

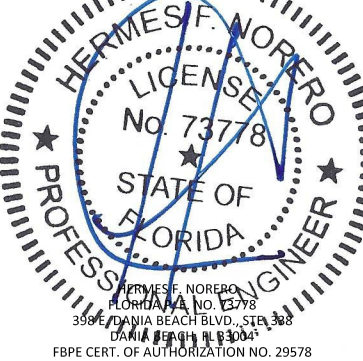
TITLE:
SERIES "PH-POL25"
IMPACT PROTECTION SYSTEMS
INSTALLATION, GENERAL NOTES &
PANEL DETAIL

STORM PANELS, S.A. DE C.V.
LIBRAMIENTO AL AEROPUERTO S/N,
EDIFICIO 1, LOCAL 2,
COL. LAS VEREDAS C.P. 23435
LOS CABOS, BAJA CALIFORNIA SUR.



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CHK. BY:
SM

SCALE: NTS

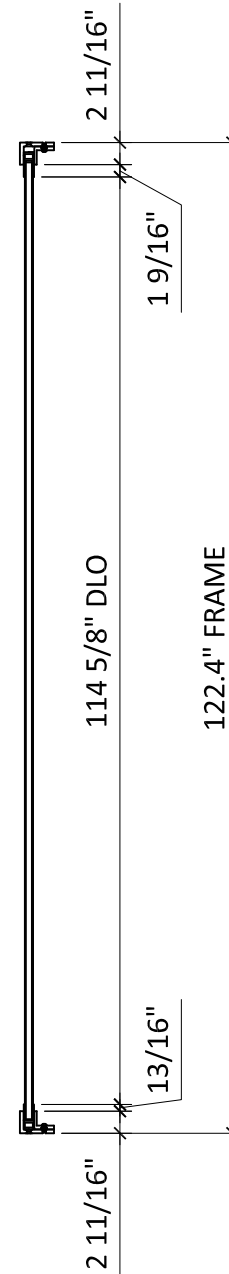
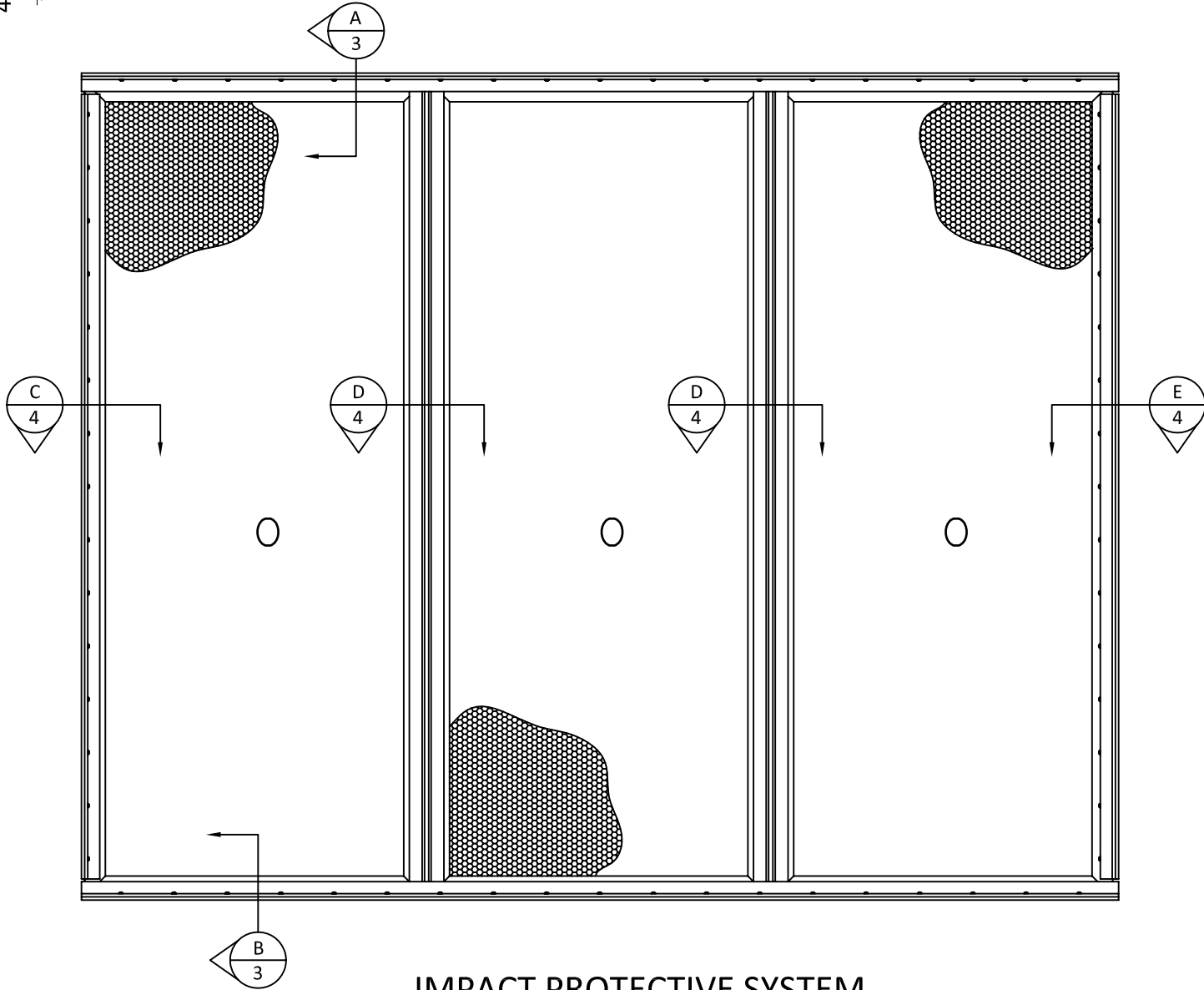
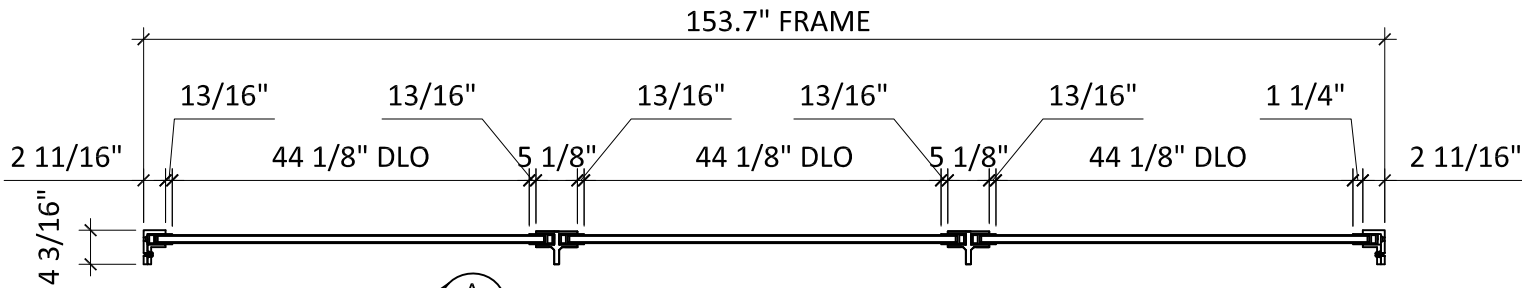
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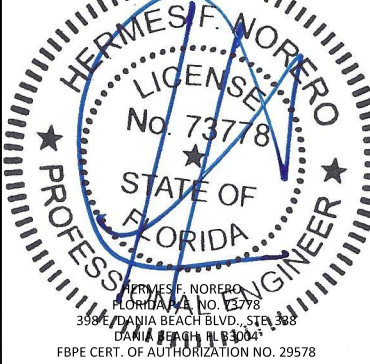
TITLE: SERIES "PH-POL25"
IMPACT PROTECTION SYSTEMS
ELEVATION

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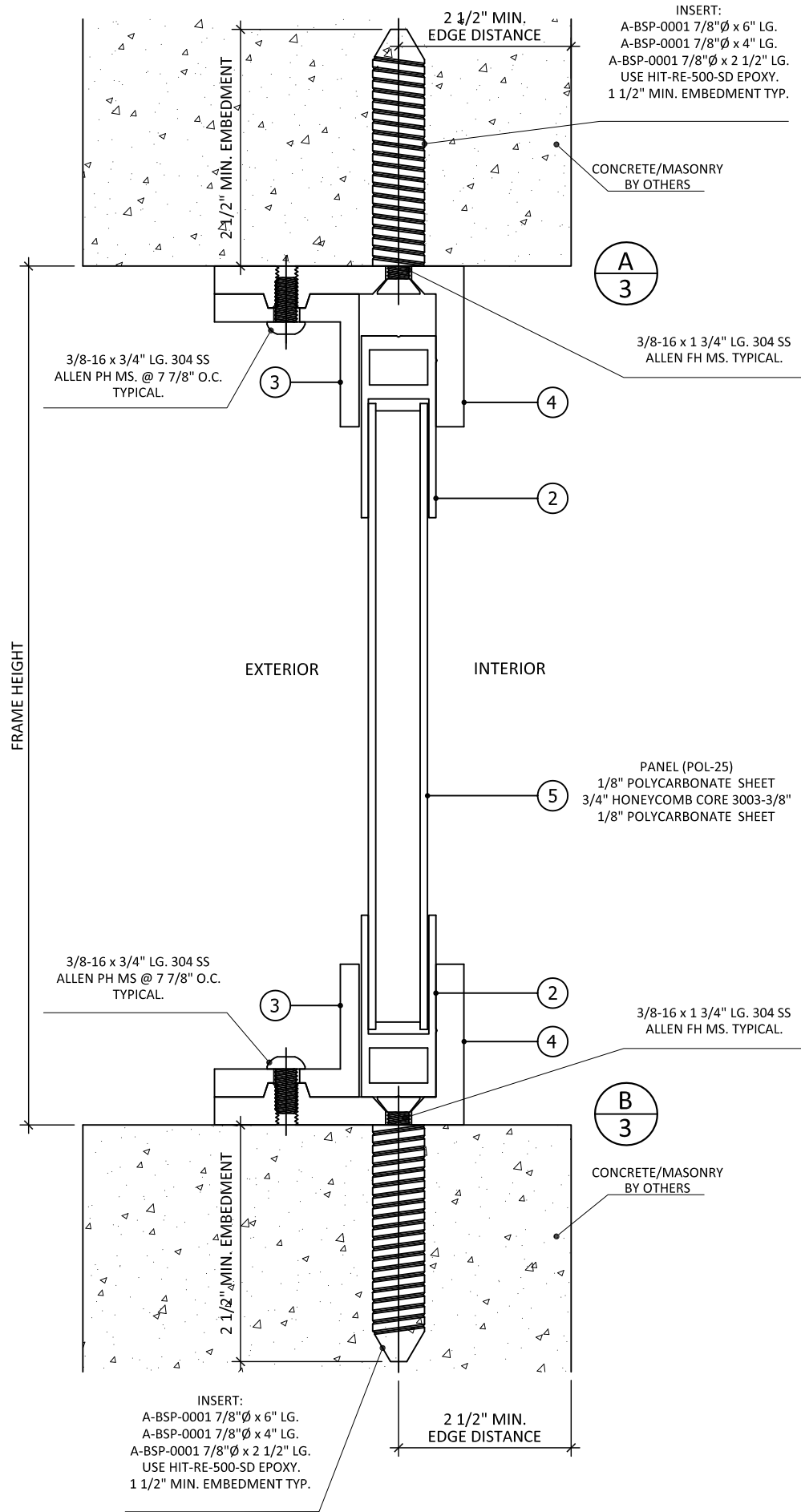
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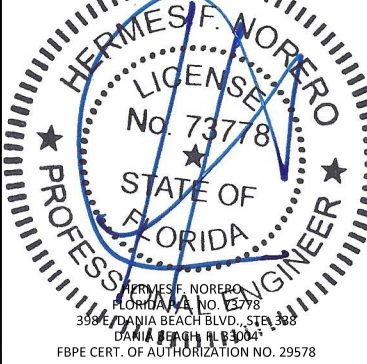
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SERIES "PH-POL25"
IMPACT PROTECTION SYSTEMS
VERTICAL SECTIONS

STORM PANELS, S.A. DE C.V.
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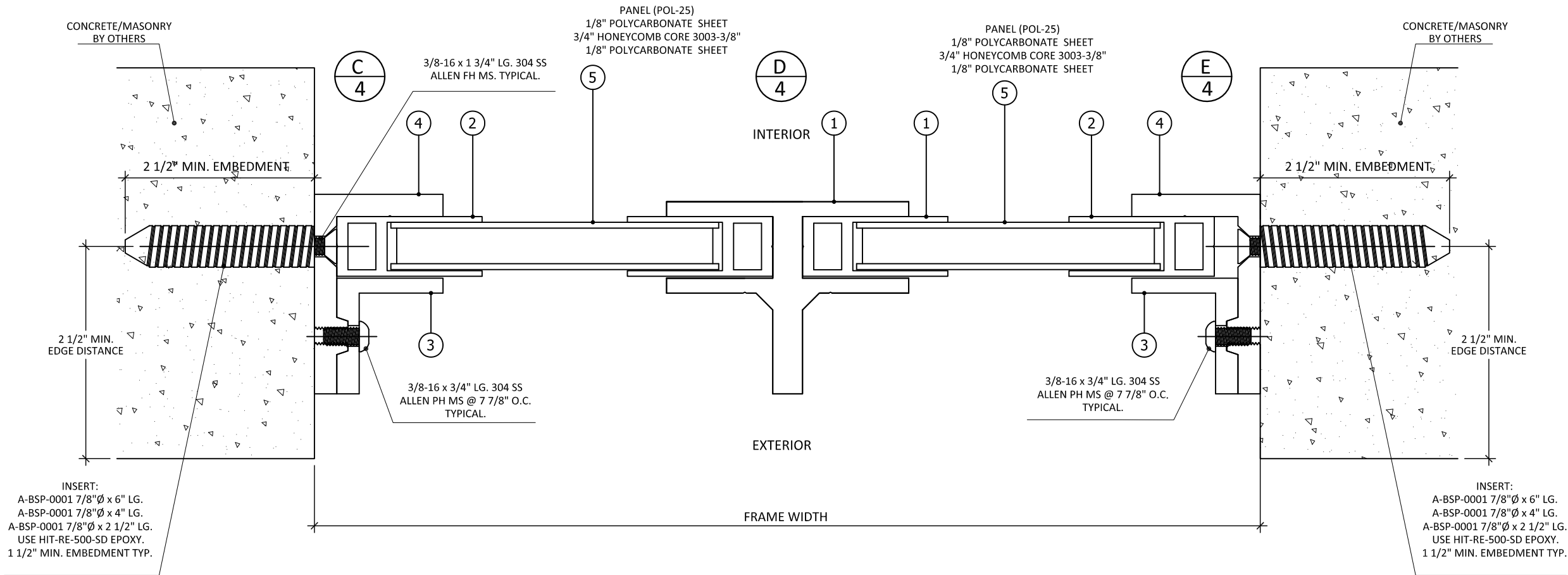
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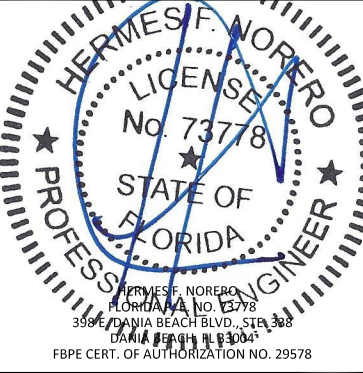
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**SERIES "PH-POL25"
IMPACT PROTECTION SYSTEMS
HORIZONTAL SECTIONS**

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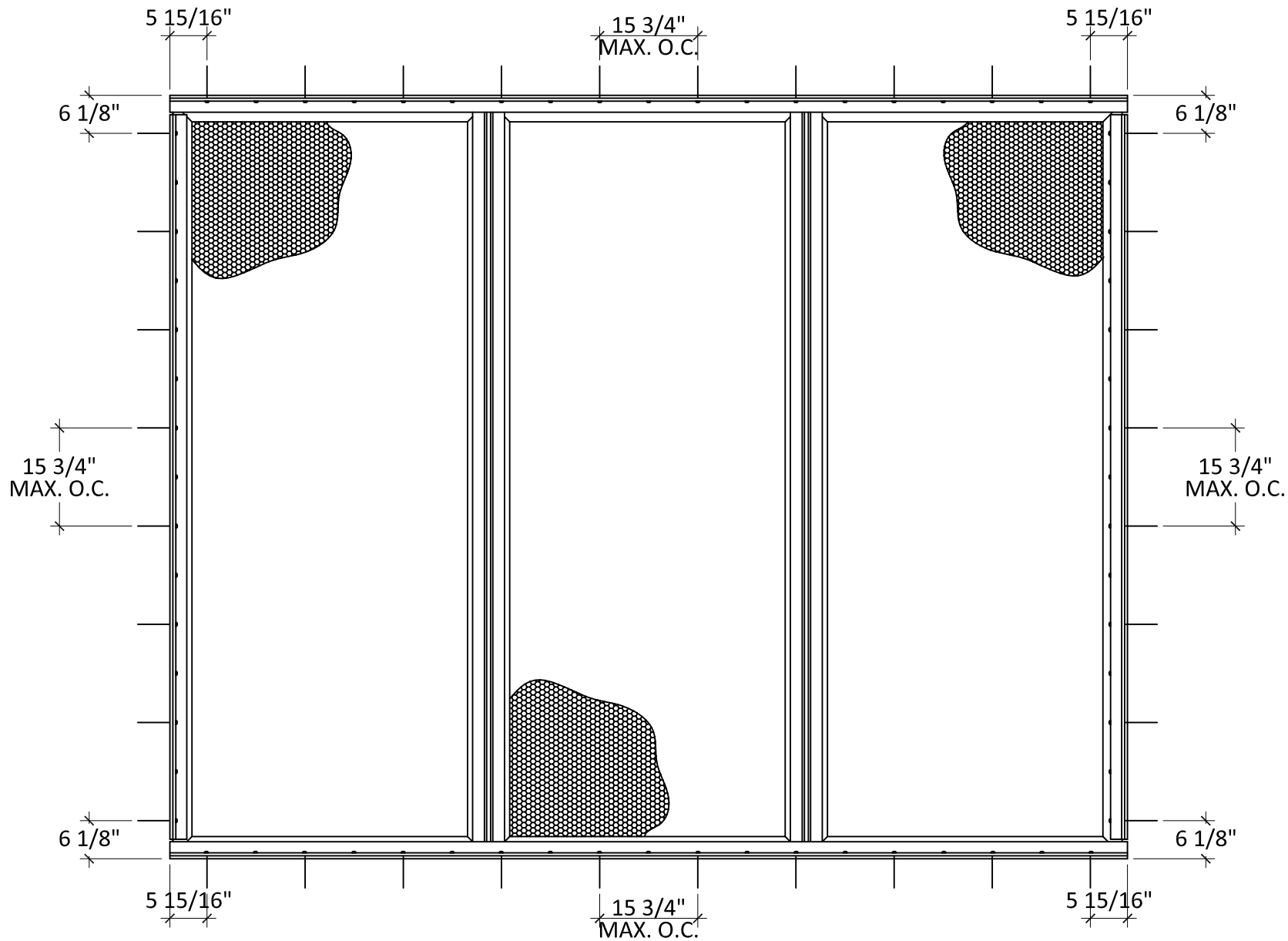
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IMPACT PROTECTIVE SYSTEM
EXTERIOR VIEW

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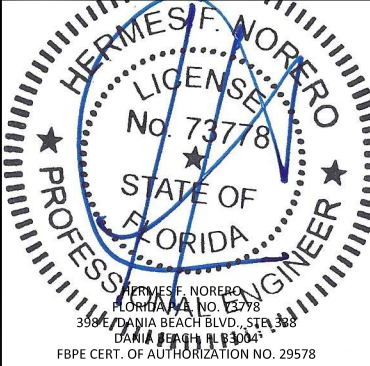
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ANCHOR LAYOUTS

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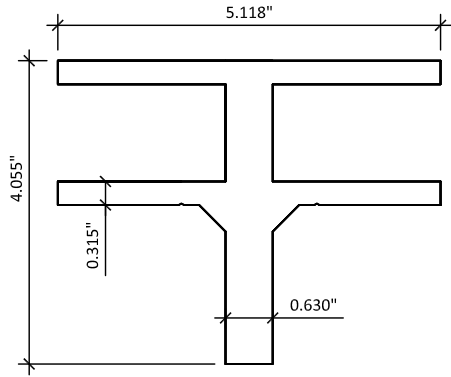
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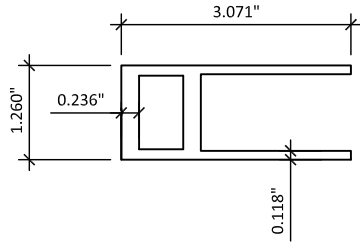
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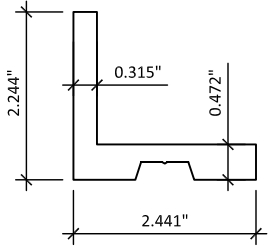
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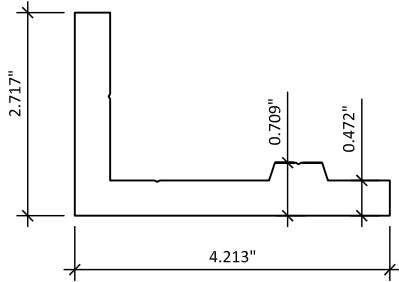
1 H-MULLION



2 PANEL FRAME



3 LOCK



4 PERIMETER FRAME

ITEM NUMBER	PART NUMBER	PART NAME	ALLOY & TEMPERED
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2	2264	PANEL FRAME	6005-T6
3	2265	LOCK	6005-T6
4	2266	PERIMETER FRAME	6005-T6
5	-	PANEL (POL-25)	6005-T6
6			
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18			

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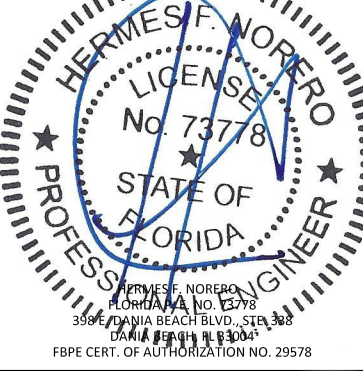
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