SERIES SD007 ALUMINUM SLIDING GLASS DOOR

SEE SHEET 2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS TYPE BASED ON DIMENSIONS.

SEE SHEET 3 FOR DESIGN LOAD CAPACITY OF SELECTED ANCHOR TYPE AND SHIM GAP REQUIREMENTS.

SEE SHEET 7 FOR DESIGN LOAD CAPACITY LIMITATIONS FOR SILL RAISER OPTIONS BASED ON WATER INFILTRATION REQUIREMENTS.

LOWEST DESIGN PRESSURE VALUES FROM DESIGN LOAD CAPACITY FROM GLASS TYPE, ANCHOR TYPE AND WATER INFILTRATION LIMITATIONS WILL APPLY TO THE ENTIRE SYSTEM.

DOORS MUST COMPLY WITH EGRESS REQUIREMENTS AS APPLICABLE PER FBC.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

DESIGN PRESURES SHOWN HEREIN ARE BASED ON MAXIMUM TESTED CONDITIONS WITH A 1.5 SAFETY FACTOR.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS IN CONTACT WITH DISSIMILAR MATERIALS SHALL BE ISOLATED PER THE 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i,e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON ALLOWABLE STRESS DESIGN (ASD)'.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

MODIFICATIONS AND/OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.

THESE DOORS ARE RATED SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED FOR AT 30FT FROM GRADE OR ABOVE.

Digitally signed by Jorge J Jimenez
DN: CN=Jorge J Jimenez, dnQualifier=A01410C000001973739A3980009D6E2, O=Unaffiliated, C=US
Location: Orlando, FL
Reason: I am approving this document
Contact Info: jjimenez@jimenezgroup.com
Date: 2025.06.23 12:03:55-04'00'

This item has been digitally signed and sealed by Jorge Jacint Jimenez, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed. The signature must be verified on any electronic copies.

DRAWING No: DWG-LMI23016-002

STRUCTURAL DESIGN BY:

JORGE JACINT JIMENEZ
LICENSE
No. 95809
STATE OF FLORIDA
PROFESSIONAL ENGINEER
06/23/2025

JORGE JACINT JIMENEZ, P.E.
FL. REG. #95809

JIMENEZ ENGINEERING GROUP

JIMENEZ ENGINEERING GROUP, PLLC
O: 786.724.1280 / jjimenez@jimenezgroup.com

PROJECT NAME: IMPACT DW SGD SERIES SD007 SMALL MISSILE IMPACT

Impact DW Doors and Windows Corp.
11205 Biscayne Blvd.
Miami, FL 33181

APPROVAL No: FL#47601

REV	DATE	BY	DESCRIPTION
	02/05/2025		FOR SUBMISSION

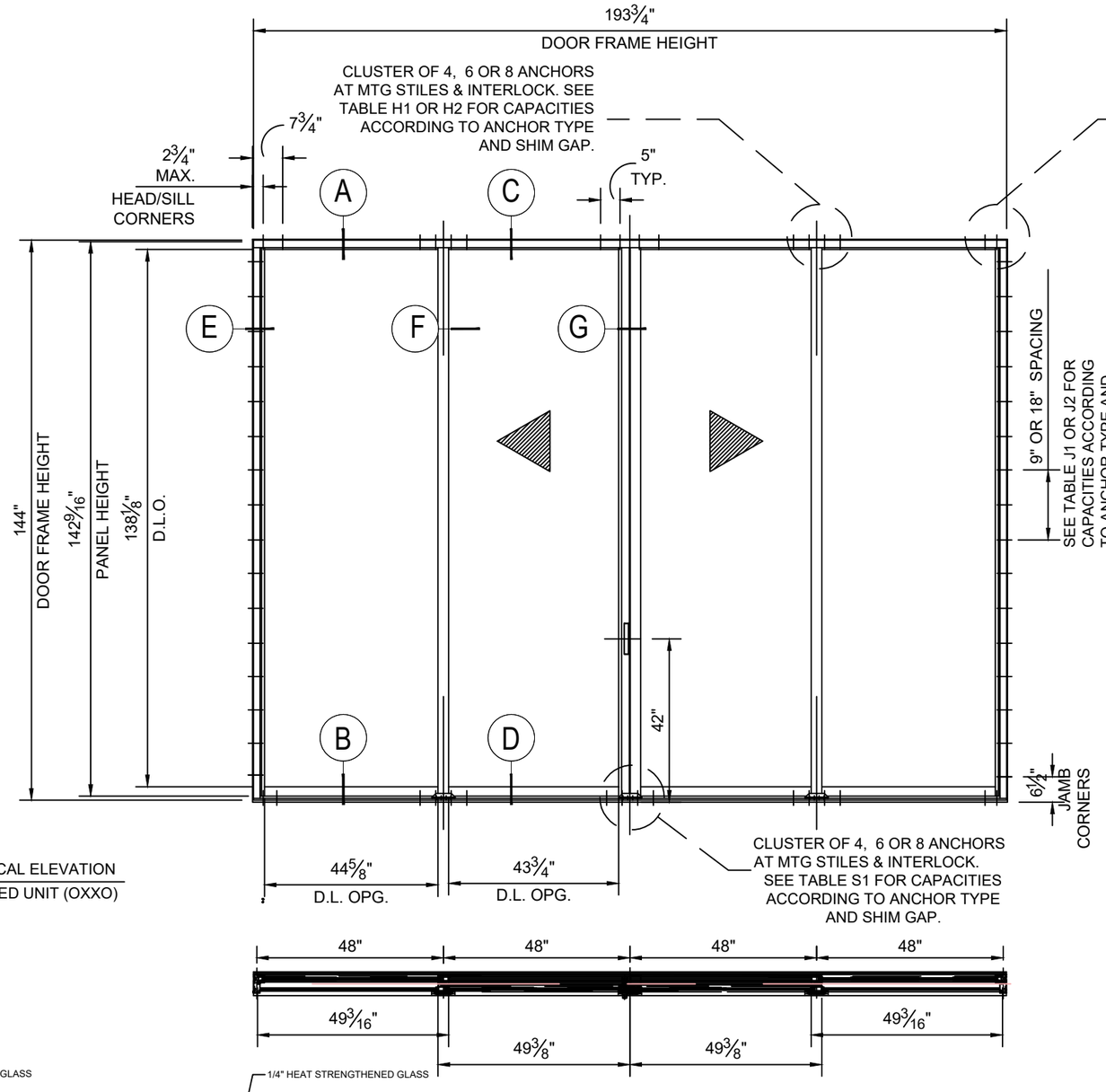
PROJECT No: 23016

DRAWN: JJ | CHECKED BY:

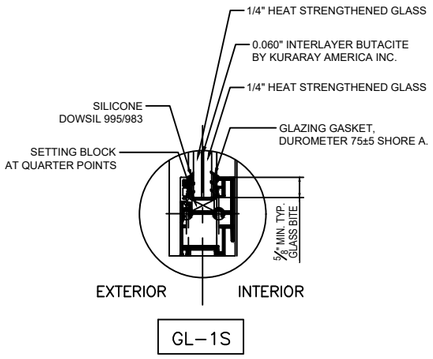
DATE: 02/05/2025 | SCALE:

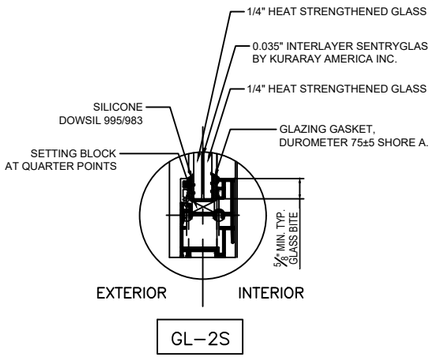
DRAWING TITLE:

SHEET: 1 of 10



FOR S.M.I.





DESIGN PRESSURE CAPACITY (GLASS TYPES 'GL-1S' & 'GL-2S')

FOR DOOR FRAME HEIGHT OF 120" MAX:
MAXIMUM DESIGN LOAD RATING = +/-130.0 PSF
FOR DOOR FRAME HEIGHT > 120" & UP TO 144" MAX:
MAXIMUM DESIGN LOAD RATING = +/-70.0 PSF

ALTERNATIVE SIZE UNITS:
MAX. FRAME AREA OF DOORS NOT TO EXCEED TESTED MAY. FRAME AREA OF 320 SQ. FT.

AVG PANEL WIDTH = DOOR FRAME WIDTH / NO. OF PANELS:

DLO WIDTH = FIX. PANEL WIDTH - 4-9/16"
DLO WIDTH = OPER. PANEL WIDTH - 5-1/2"
DLO HEIGHT = FRAME HEIGHT - 5-15/16"
PANEL HEIGHT = FRAME HEIGHT - 1-11/16"

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

DRAWING No: DWG-LMI23016-002

STRUCTURAL DESIGN BY:

JORGE JACINT JIMENEZ LICENSE No. 95809 STATE OF FLORIDA PROFESSIONAL ENGINEER
06/23/2025

JORGE JACINT JIMENEZ, P.E.
FL. REG. #95809
JIMENEZ ENGINEERING GROUP
JIMENEZ ENGINEERING GROUP, PLLC
O: 786.724.1280 / jjimenez@jimenezgroup.com

PROJECT NAME: IMPACT DW SGD SERIES SD007 SMALL MISSILE IMPACT

Impact DW Doors and Windows Corp.
11205 Biscayne Blvd.
Miami, FL 33181

APPROVAL No: FL#47601

REV	DATE	BY	DESCRIPTION
	02/05/2025		FOR SUBMISSION

PROJECT No: 23016

DRAWN	CHECKED BY
JJ	
DATE	SCALE
02/05/2025	9/32" = 1'0"

DRAWING TITLE

SHEET 2 of 10

TABLE H1		DESIGN LOAD CAPACITY - PSF											
		HEAD ANCHOR CAPACITY WITH 1/4" SHIM GAP											
		ANCHOR TYPE "A"			ANCHOR TYPE "B"			ANCHOR TYPE "C"			ANCHOR TYPE "D"		
AVG. PANEL WIDTH NOMINAL [INCHES]	DOOR FRAME HEIGHT [INCHES]	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)
36	96	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
42		124.3	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
48		108.8	130.0	130.0	130.0	130.0	130.0	114.5	130.0	130.0	130.0	130.0	130.0
36	108	128.9	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
42		110.5	130.0	130.0	130.0	130.0	130.0	116.3	130.0	130.0	130.0	130.0	130.0
48		96.7	130.0	130.0	130.0	130.0	130.0	101.8	130.0	130.0	127.3	130.0	130.0
36	120	116.0	130.0	130.0	130.0	130.0	130.0	122.1	130.0	130.0	130.0	130.0	130.0
42		99.4	130.0	130.0	130.0	130.0	130.0	104.7	130.0	130.0	130.0	130.0	130.0
48		87.0	130.0	130.0	130.0	130.0	130.0	91.6	130.0	130.0	114.6	130.0	130.0
36	132	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
42		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
36	144	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
42		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
48		70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0

TABLE S1*		DESIGN LOAD CAPACITY - PSF					
		SILL ANCHOR CAPACITY					
		ANCHOR TYPE "A"			ANCHOR TYPE "B"		
AVG. PANEL WIDTH NOMINAL [INCHES]	DOOR FRAME HEIGHT [INCHES]	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)
36	96	44.9	67.3	89.8	100.9	130.0	130.0
42		38.5	57.7	77.0	86.5	129.8	130.0
48		33.7	50.5	67.3	75.7	113.6	130.0
36	108	39.9	59.9	79.8	89.7	130.0	130.0
42		34.2	51.3	68.4	76.9	115.4	130.0
48		29.9	44.9	59.9	67.3	100.9	130.0
36	120	35.9	53.9	71.8	80.8	121.1	130.0
42		30.8	46.2	61.6	69.2	103.8	130.0
48		26.9	40.4	53.9	60.6	90.9	121.1
36	132	32.6	49.0	65.3	70.0	70.0	70.0
42		28.0	42.0	56.0	62.9	70.0	70.0
48		24.5	36.7	49.0	55.1	70.0	70.0
36	144	29.9	44.9	59.9	67.3	70.0	70.0
42		25.7	38.5	51.3	57.7	70.0	70.0
48		22.4	33.7	44.9	50.5	70.0	70.0

TABLE H2		DESIGN LOAD CAPACITY - PSF											
		HEAD ANCHOR CAPACITY WITH 1/2" SHIM GAP											
		ANCHOR TYPE "A"			ANCHOR TYPE "B"			ANCHOR TYPE "C"			ANCHOR TYPE "D"		
AVG. PANEL WIDTH NOMINAL [INCHES]	DOOR FRAME HEIGHT [INCHES]	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)	2 ANCHORS AT JAMB STILES 4 ANCHORS AT MTG STILES EXT(+) INT (-)	3 ANCHORS AT JAMB STILES 6 ANCHORS AT MTG STILES EXT(+) INT (-)	4 ANCHORS AT JAMB STILES 8 ANCHORS AT MTG STILES EXT(+) INT (-)
36	96	44.9	67.3	89.8	100.9	130.0	130.0	64.3	96.5	128.6	114.3	130.0	130.0
42		38.5	57.7	77.0	86.5	129.8	130.0	55.1	82.7	110.3	98.0	130.0	130.0
48		33.7	50.5	67.3	75.7	113.6	130.0	48.2	72.4	96.5	85.7	128.6	130.0
36	108	39.9	59.9	79.8	89.7	130.0	130.0	57.2	85.8	114.4	101.6	130.0	130.0
42		34.2	51.3	68.4	76.9	115.4	130.0	49.0	73.5	98.0	87.1	130.0	130.0
48		29.9	44.9	59.9	67.3	100.9	130.0	42.9	64.3	85.8	76.2	114.3	130.0
36	120	35.9	53.9	71.8	80.8	121.1	130.0	51.5	77.2	102.9	91.5	130.0	130.0
42		30.8	46.2	61.6	69.2	103.8	130.0	44.1	66.2	88.2	78.4	117.6	130.0
48		26.9	40.4	53.9	60.6	90.9	121.1	38.6	57.9	77.2	68.6	102.9	130.0
36	132	32.6	49.0	65.3	70.0	70.0	70.0	46.8	70.0	70.0	70.0	70.0	70.0
42		28.0	42.0	56.0	62.9	70.0	70.0	40.1	60.1	70.0	70.0	70.0	70.0
48		24.5	36.7	49.0	55.1	70.0	70.0	35.1	52.6	70.0	62.4	70.0	70.0
36	144	29.9	44.9	59.9	67.3	70.0	70.0	42.9	64.3	70.0	70.0	70.0	70.0
42		25.7	38.5	51.3	57.7	70.0	70.0	36.8	55.1	70.0	65.3	70.0	70.0
48		22.4	33.7	44.9	50.5	70.0	70.0	32.2	48.2	64.3	57.2	70.0	70.0

TABLE J1	DESIGN LOAD CAPACITY - PSF											
	JAMB ANCHOR CAPACITY WITH 1/4" SHIM GAP											
	SPACING AT 18" O.C.						SPACING AT 9" O.C.					
AVG. PANEL WIDTH NOMINAL [INCHES]	ANCHOR TYPE "A" EXT(+) INT (-)	ANCHOR TYPE "A1" EXT(+) INT (-)	ANCHOR TYPE "B" EXT(+) INT (-)	ANCHOR TYPE "B1" EXT(+) INT (-)	ANCHOR TYPE "C" EXT(+) INT (-)	ANCHOR TYPE "D" EXT(+) INT (-)	ANCHOR TYPE "A" EXT(+) INT (-)	ANCHOR TYPE "A1" EXT(+) INT (-)	ANCHOR TYPE "B" EXT(+) INT (-)	ANCHOR TYPE "B1" EXT(+) INT (-)	ANCHOR TYPE "C" EXT(+) INT (-)	ANCHOR TYPE "D" EXT(+) INT (-)
36	130.0	128.9	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
42	130.0	110.5	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0
48	130.0	96.7	130.0	123.3	130.0	130.0	130.0	130.0	130.0	130.0	130.0	130.0

TABLE J2	DESIGN LOAD CAPACITY - PSF											
	JAMB ANCHOR CAPACITY WITH 1/2" SHIM GAP											
	SPACING AT 18" O.C.						SPACING AT 9" O.C.					
AVG. PANEL WIDTH NOMINAL [INCHES]	ANCHOR TYPE "A" EXT(+) INT (-)	ANCHOR TYPE "A1" EXT(+) INT (-)	ANCHOR TYPE "B" EXT(+) INT (-)	ANCHOR TYPE "B1" EXT(+) INT (-)	ANCHOR TYPE "C" EXT(+) INT (-)	ANCHOR TYPE "D" EXT(+) INT (-)	ANCHOR TYPE "A" EXT(+) INT (-)	ANCHOR TYPE "A1" EXT(+) INT (-)	ANCHOR TYPE "B" EXT(+) INT (-)	ANCHOR TYPE "B1" EXT(+) INT (-)	ANCHOR TYPE "C" EXT(+) INT (-)	ANCHOR TYPE "D" EXT(+) INT (-)
36	59.9	59.9	130.0	130.0	85.8	130.0	119.7	119.7	130.0	130.0	130.0	130.0
42	51.3	51.3	115.4	115.4	73.5	130.0	102.6	102.6	130.0	130.0	130.0	130.0
48	44.9	44.9	100.9	100.9	64.3	114.3	89.8	89.8	130.0	130.0	128.6	130.0

NOTE FOR SILL CAPACITY DETERMINATION:

TABLE S1* PRESENTED ABOVE HAS BEEN DETERMINED WITH THE USE OF 1/2" SHIMS. CAPACITIES WITH THE IMPLEMENTATION OF GROUT BED (BY OTHERS) BELOW THE THRESHOLD SHALL REVISE THE CAPACITY VALUES ABOVE AS FOLLOWS:

FOR DOOR FRAME HEIGHT > 120" & UP TO 144" MAX:
MAXIMUM DESIGN LOAD RATING = +/-70.0 PSF

DRAWING No:
DWG-LMI23016-002

STRUCTURAL DESIGN BY:

JORGE JACINT JIMENEZ
LICENSE
No. 95809
STATE OF FLORIDA
06/23/2025
PROFESSIONAL ENGINEER

JORGE JACINT JIMENEZ, P.E.
FL. REG. #95809

JIMENEZ ENGINEERING GROUP

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PROJECT NAME:
IMPACT DW
SGD SERIES SD007
SMALL MISSILE IMPACT

Impact DW Doors and Windows Corp.
11205 Biscayne Blvd.
Miami, FL 33181

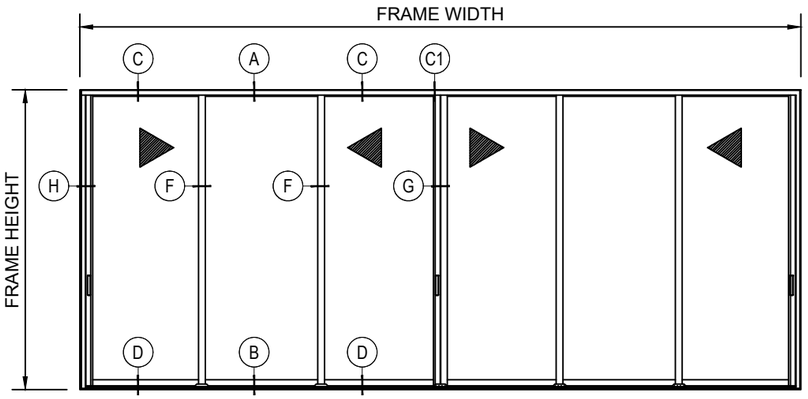
APPROVAL No:
FL#47601

REV	DATE	BY	DESCRIPTION
	02/05/2025		FOR SUBMISSION

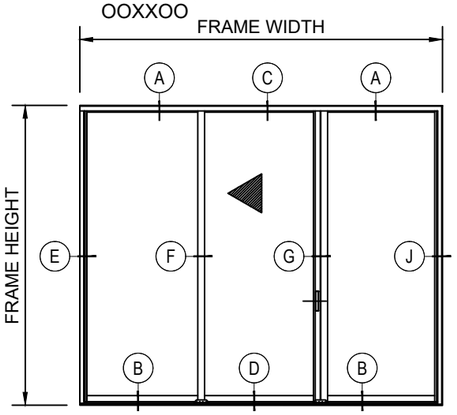
PROJECT No:
23016

DRAWN: JJ
CHECKED BY:
DATE: 02/05/2025
SCALE: 9/32" = 1'0"
DRAWING TITLE:

SHEET
3 of 10



XOXXOX (SHOWN)
OOXXOO



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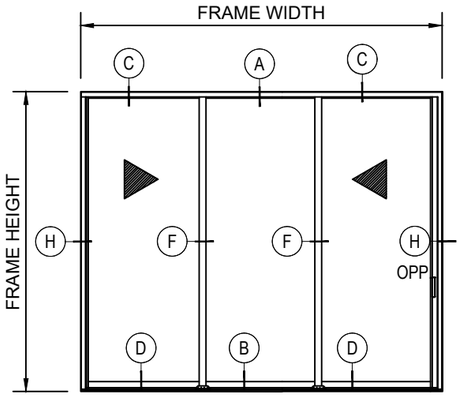

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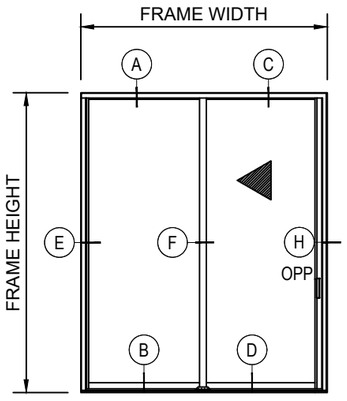
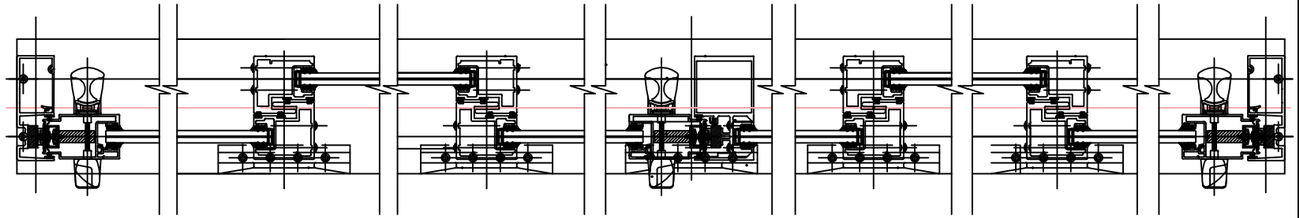


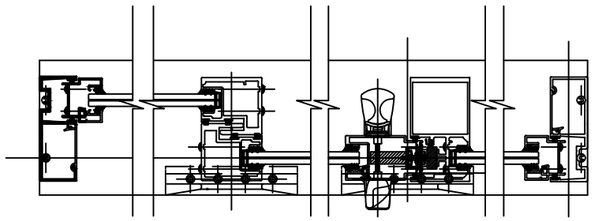
XO
OX (SHOWN)

APPROVED CONFIGURATIONS

(2 TRACK ONLY WITH 6 PANELS OR LESS)



EXTERIOR



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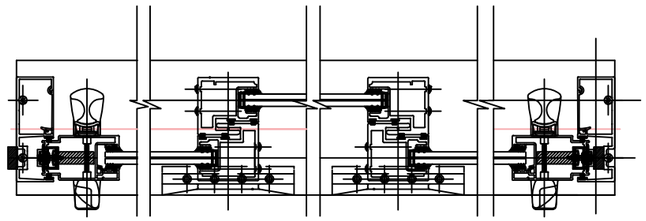
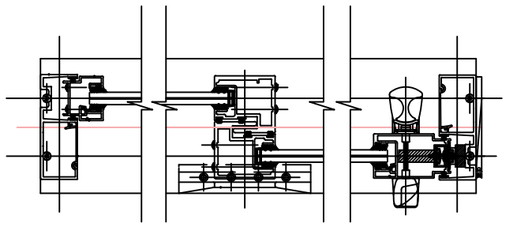


EXTERIOR



EXTERIOR

CONFIGURATIONS SHOWN FOR ILLUSTRATION PURPOSES ONLY. SEE SHEETS TO BE REVISED PER APPLICABLE FOR FRAME ANCHOR INSTALLATIONS.

DRAWING No:
DWG-LMI23016-002

STRUCTURAL DESIGN BY:

JORGE JACINT JIMENEZ
LICENSE
No. 95809
STATE OF FLORIDA
PROFESSIONAL ENGINEER
06/23/2025

JORGE JACINT JIMENEZ, P.E.
FL. REG. #95809

JIMENEZ ENGINEERING GROUP

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SMALL MISSILE IMPACT

Impact DW Doors and Windows Corp.
11205 Biscayne Blvd.
Miami, FL 33181

APPROVAL No:
FL#47601

REV	DATE	BY	DESCRIPTION
	02/05/2025		FOR SUBMISSION

PROJECT No:
23016

DRAWN: JJ
CHECKED BY:
DATE: 02/05/2025
SCALE: N.T.S.

DRAWING TITLE

SHEET
4 of 10

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE "A":
1/4" DIA. ULTRACON BY "DEWALT" (Fu = 164 KSI, Fy = 148 KSI) DIRECTLY INTO CONCRETE
1-3/4" MIN EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

TYPE "A1":
1/4" DIA. ULTRACON BY "DEWALT" (Fu = 164 KSI, Fy = 148 KSI) DIRECTLY INTO GROUT FILLED BLOCKS
1-3/4" MIN EMBED INTO GROUT FILLED BLOCKS (JAMBS)

TYPE "B":
5/16" DIA. ULTRACON BY "DEWALT" (Fu = 177 KSI, Fy = 155 KSI) DIRECTLY INTO CONCRETE 2" MIN EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

TYPE "B1":
5/16" DIA. ULTRACON BY "DEWALT" (Fu = 177 KSI, Fy = 155 KSI) DIRECTLY INTO GROUT FILLED BLOCKS

TYPE "C" :
1/4" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMBS) (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS ALUMINUM: 1/8" THK. MIN (6063-T5 MIN.)
THICKNESS STEEL: 1/8" THK. MIN (A36 MIN.)

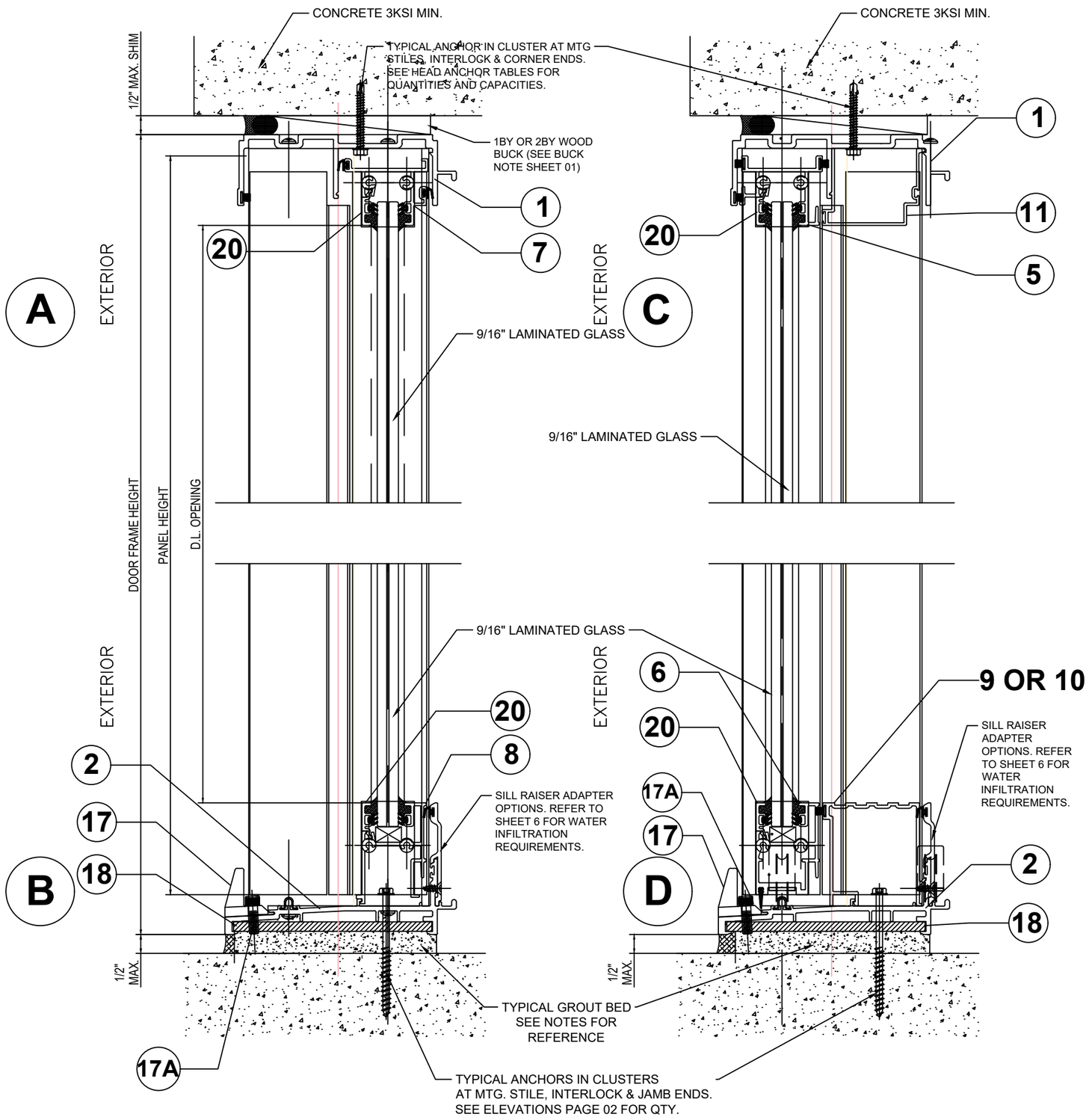
TYPE "D" :
TYPE "D" :
5/16" DIA. TEKS OR SELF DRILLING SCREWS (GRADE 5 CRS) INTO APPROVED MULLIONS OR INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL
THICKNESS ALUMINUM: 1/8" THK. MIN (6063-T5 MIN.)
THICKNESS STEEL: 1/8" THK.

HURRICANE CLIP ANCHORS:
1/4"-20 x 3/4" SOCKET HEAD MACHINE SCREW AT 1-1/4" O.C. MAX.

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE AT HEAD, SILL OR JAMBS F'c= 3000 PSI MIN.
C-90 FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.



DRAWING No: DWG-LMI23016-002

STRUCTURAL DESIGN BY:

JORGE JACINT JIMENEZ LICENSE No. 95809 STATE OF FLORIDA PROFESSIONAL ENGINEER
06/23/2025

JORGE JACINT JIMENEZ, P.E.
FL. REG. #95809

JIMENEZ ENGINEERING GROUP

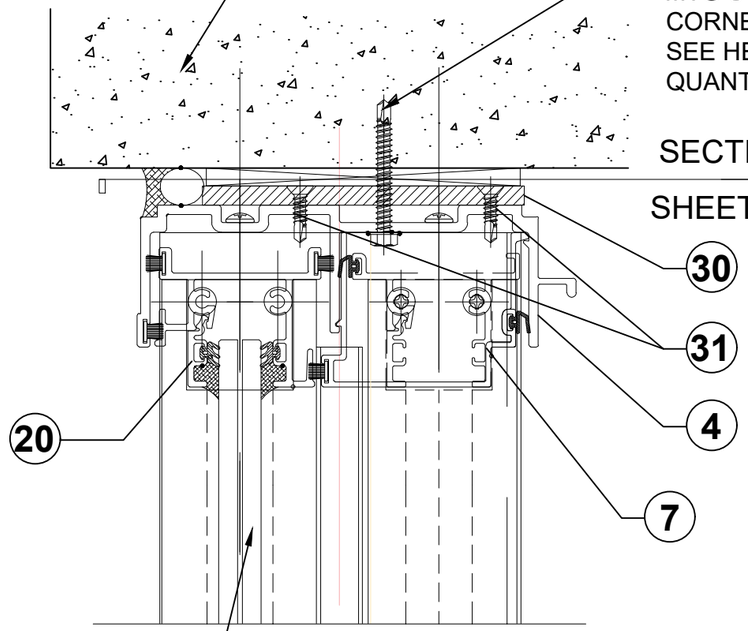
JIMENEZ ENGINEERING GROUP, PLLC
O: 786.724.1280 / jjimenez@jimenezgroup.com

PROJECT NAME: IMPACT DW SGD SERIES SD007 SMALL MISSILE IMPACT
Impact DW Doors and Windows Corp.
11205 Biscayne Blvd. Miami, FL 33181
APPROVAL No: FL#47601

REV	DATE	BY	DESCRIPTION
	02/05/2025		FOR SUBMISSION

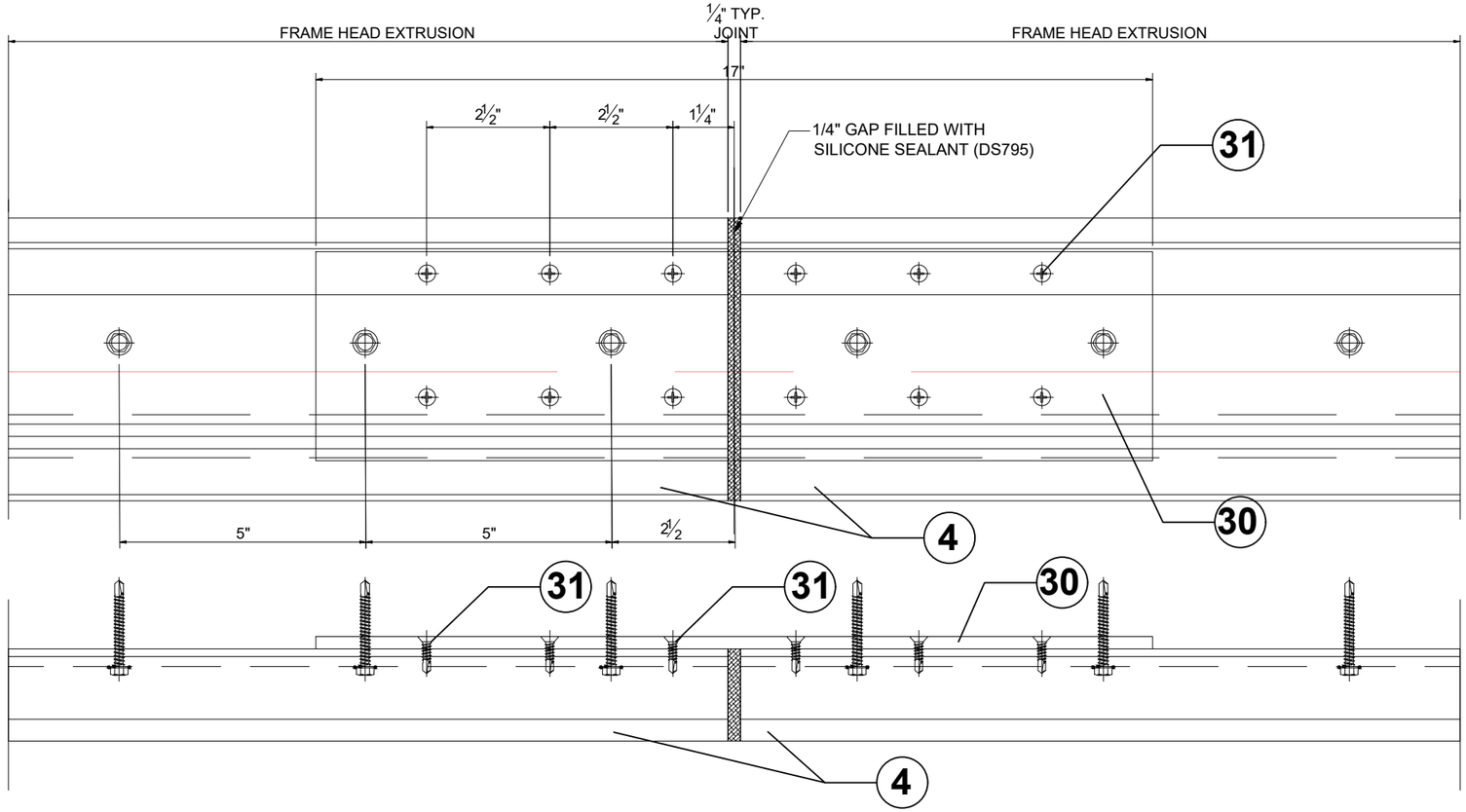
PROJECT No: 23016
DRAWN: JJ
CHECKED BY:
DATE: 02/05/2025
SCALE: N.T.S.
DRAWING TITLE:
SHEET: 5 of 10

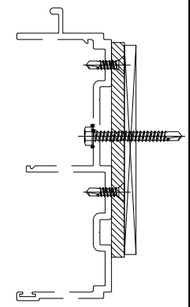
C1



C1.1 HEAD DETAIL: ANCHOR PLACEMENT PLAN VIEW

2-1/2" = 1'-0"





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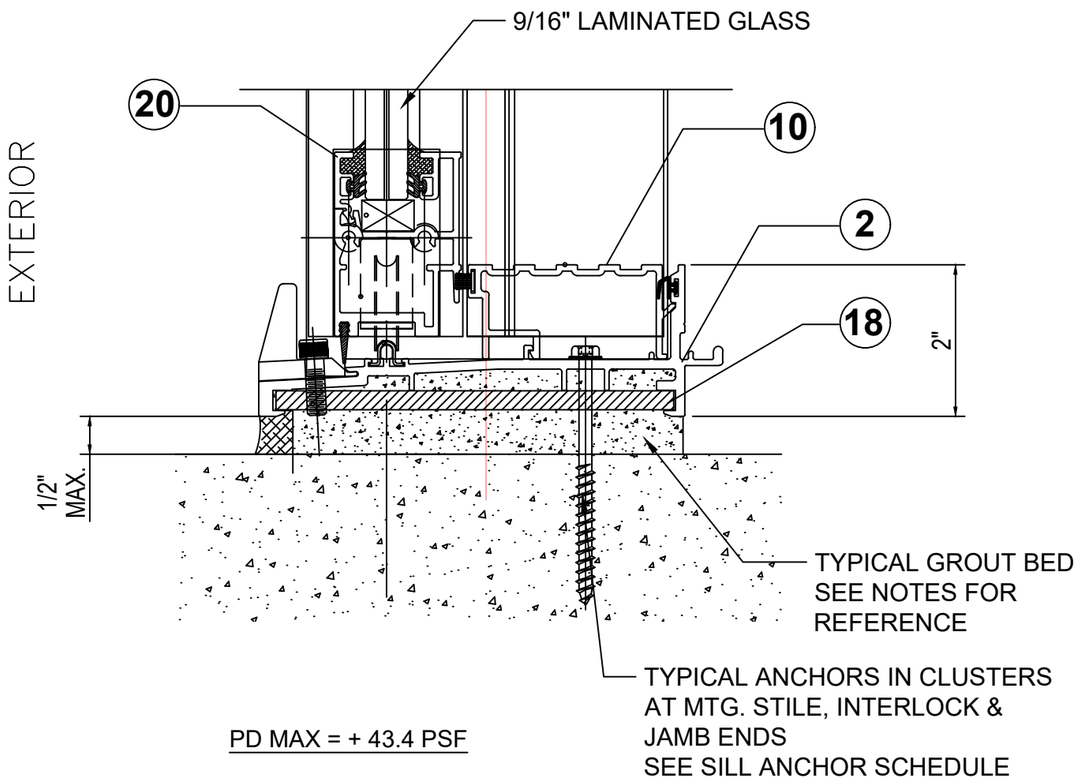
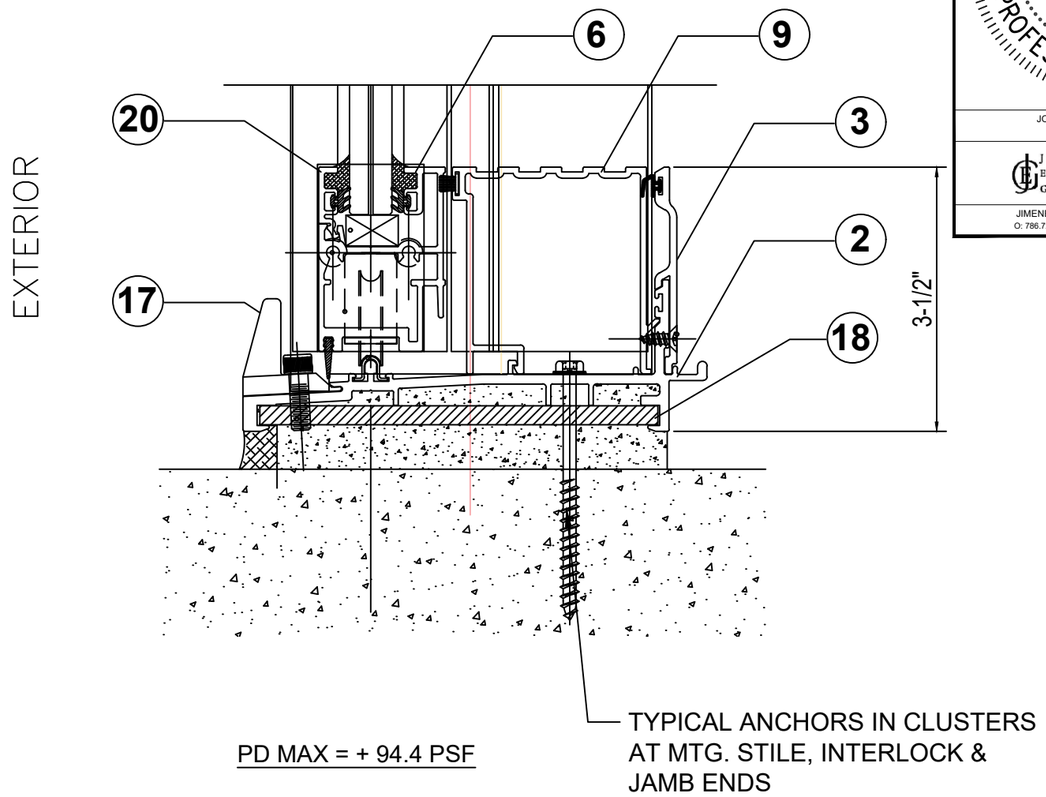
SHEET
6 of 10

SILL RAISER OPTIONS
POSITIVE LOAD LIMITED AS FOLLOWS DUE TO WATER INFILTRATION



PD MAX = + 43.4 PSF



PD MAX = + 94.4 PSF

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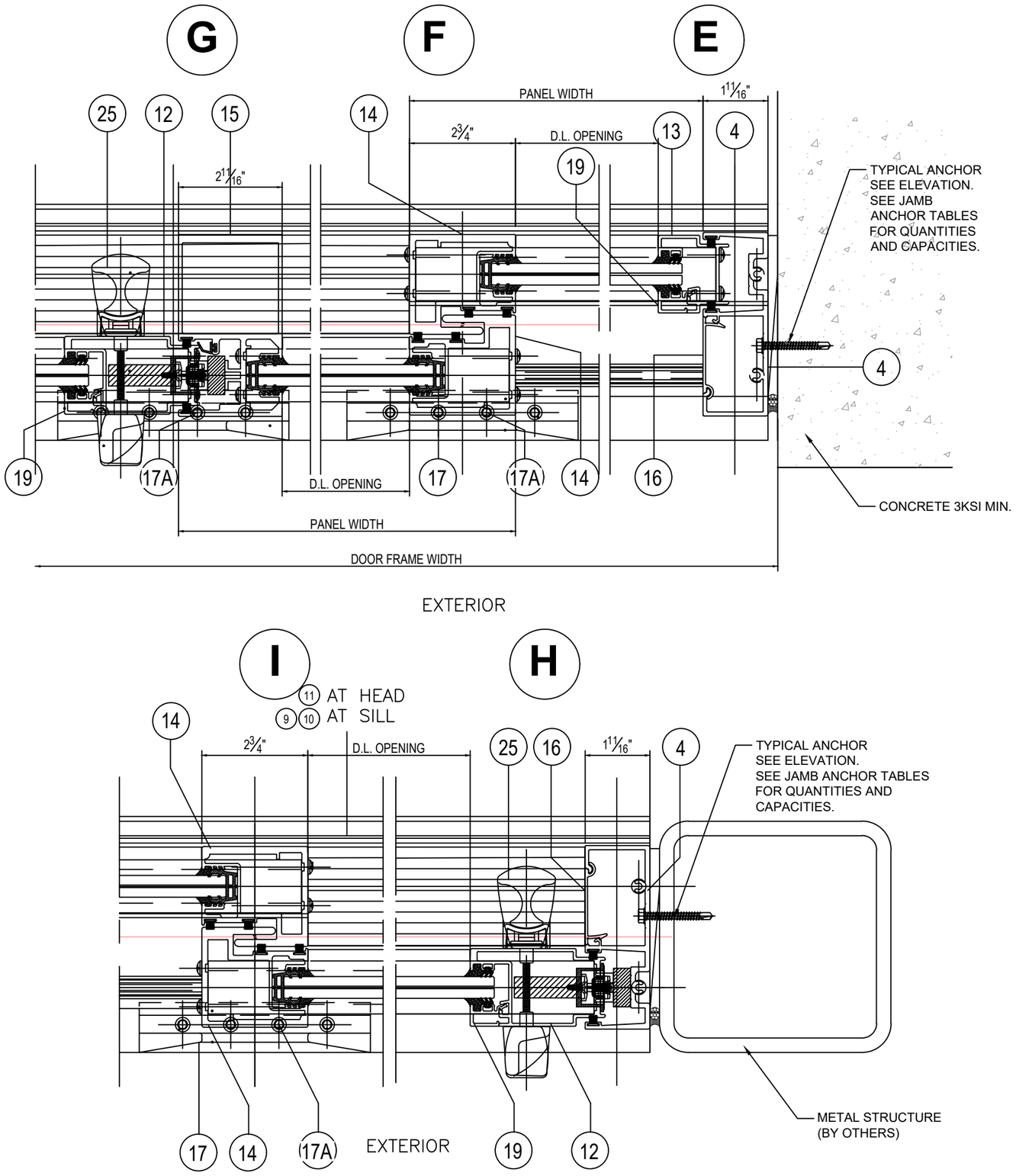
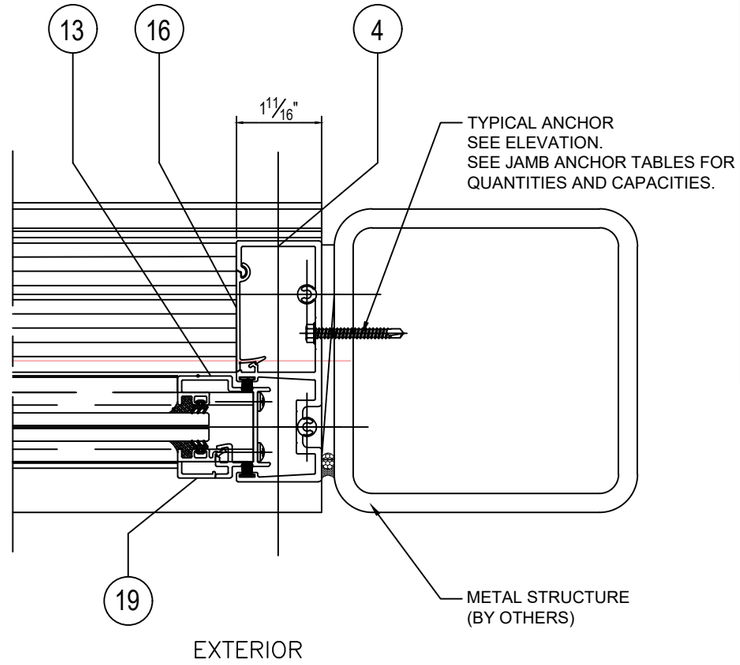
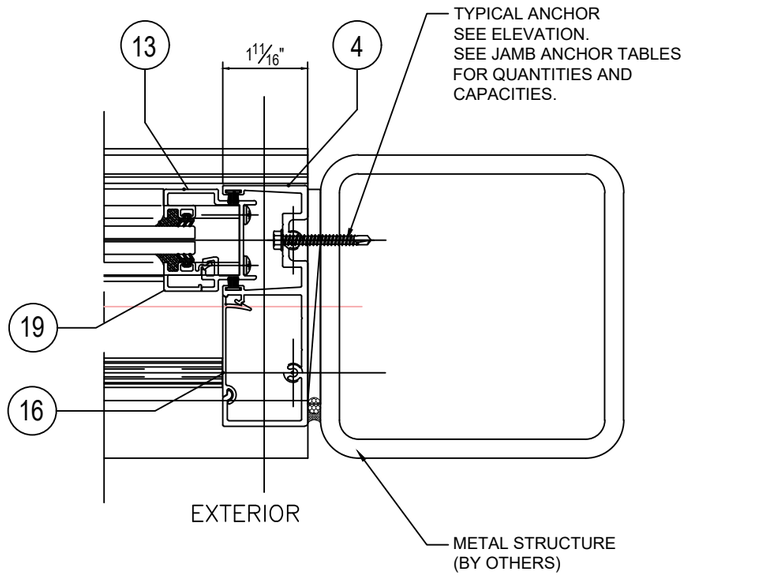




E1 ALTERNATE JAMB ANCHORAGE POSITIONNING (FIXED PANELS ONLY)



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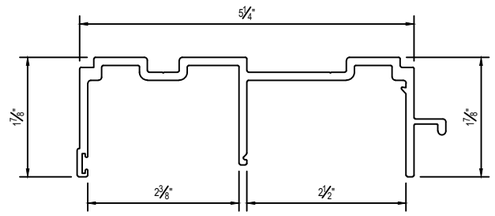
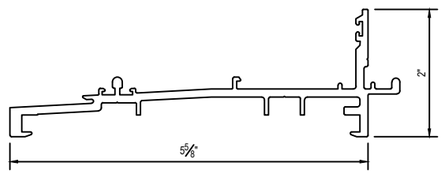
8 of 10

1 FRAME HEAD (2 TRACK)

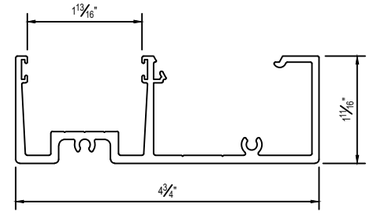


2 FRAME SILL (2 TRACK)

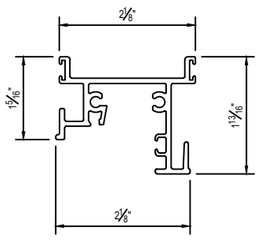


3 SILL RAISER ADAPTER

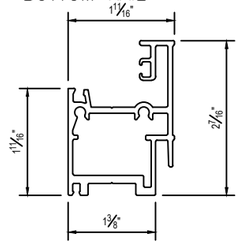
4 FRAME JAMB (2 TRACK)



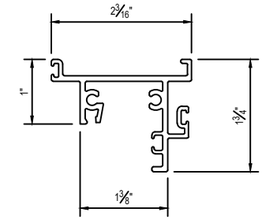
5 OPERABLE PANEL TOP RAIL



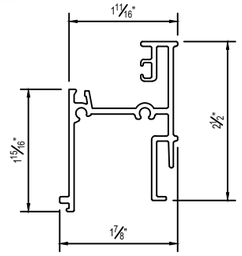
6 OPERABLE PANEL BOTTOM RAIL



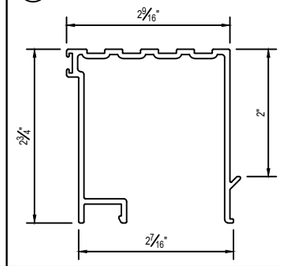
7 FIXED PANEL TOP RAIL



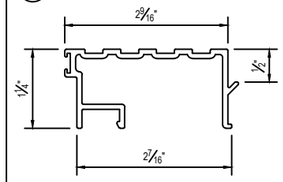
8 FIXED PANEL BOTTOM RAIL



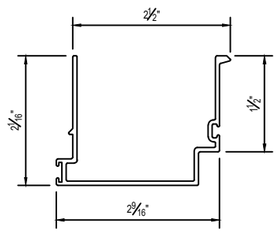
9 THRESHOLD: HIGH PROFILE



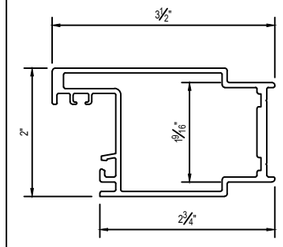
10 THRESHOLD: LOW PROFILE



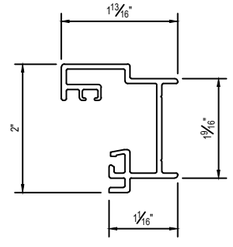
11 HEAD ADAPTOR



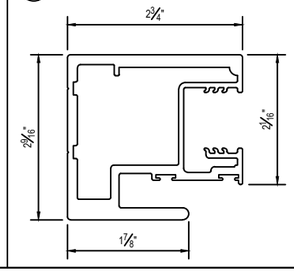
12 LOCK STILE



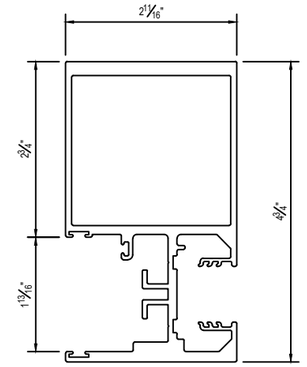
13 JAMB STILE



14 INTERLOCK STILE

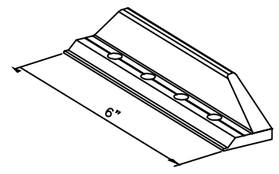


15 MEETING STILE

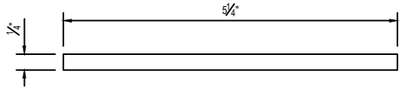


16 JAMB PANEL COVER

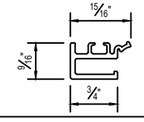
17 SILL RETAINER CLIP



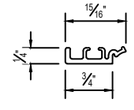
18 SILL TRACK PLATE (5–1/4" x 1/4")



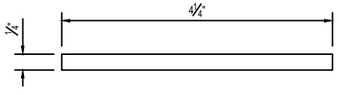
19 VERTICAL GLAZING BEAD



20 HORIZONTAL GLAZING BEAD



21 HEADER TRACK PLATE (4" x 1/4" x 17–1/2")



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SHEET
9 of 10

BILL OF MATERIALES

ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	REMARKS
1	IDW-001	1	FRAME HEAD (2 TRACK)	6063-T5	-
2	IDW-002	1	FRAME SILL (2 TRACK)	6063-T5	-
3	IDW-003	1	SILL RAISER ADAPTER	6063-T5	-
4	IDW-004	2	FRAME JAMB (2 TRACK)	6063-T5	-
5	IDW-005	1 / OPER PANEL	OPERABLE PANEL TOP RAIL	6063-T5	-
6	IDW-006	1 / OPER PANEL	OPERABLE PANEL BOTTOM RAIL	6063-T5	-
7	IDW-007	1 / FIX PANEL	FIXED PANEL TOP RAIL	6063-T5	-
8	IDW-008	1 / FIX PANEL	FIXED PANEL BOTTOM RAIL	6063-T5	-
9	IDW-009	1	THRESHOLD: HIGH PROFILE	6063-T5	-
10	IDW-010	1	THRESHOLD: LOW PROFILE	6063-T5	-
11	IDW-011	1	HEAD ADAPTER	6063-T5	-
12	IDW-012	1	LOCK STILE	6005-T5	-
13	IDW-013	1	JAMB STILE	6005-T5	-
14	IDW-014	1 / PANEL	INTERLOCK STILE	6005-T5	-
15	IDW-015	1	MEETING STILE	6005-T5	-
16	IDW-016	2	JAMB PANEL COVER	6063-T5	-
17	IDW-017	1 / 2 PANELS	SILL RETAINER CLIP	6063-T5	-
17A	-	4 / RET. CLIP	(4) 1/4-20 x 3/4" M.S. AT 1-1/4" O.C. TYP.	ST. STEEL	-
18	IDW-018	1	SILL TRACK PLATE (5-1/4" x 1/4")	6063-T5	-
19	IDW-019	2 / PANEL	VERTICAL GLAZING BEAD	6063-T5	-
20	IDW-020	2 / PANEL	HORIZONTAL GLAZING BEAD	6063-T5	-
21	-	AS REQ.	GLAZING GASKET, DUROMETER 75±5 SHORE A	VINYL/SILICONE	-
22	-	-	BULB WEATHERSTRIPPING, DUROMETER 75±5 SHORE A	EPDM	-
23	-	-	FIN PILE WEATHERSTRIPPING, DUROMETER 65±5 SHORE A	EPDM	-
24	-	2	DOOR TRACK COVER 0.031" THK. SS304	ST. STEEL	-
25	-	AS. REQ.	STANDARD MORTISE LOCK	ST. STEEL	-
26	-	1	LOCK KEEPER, AT 42" FROM BOTTOM	STEEL	-
27	#10x1-1/2" PH	8 / PANEL	PANEL ASSEMBLY SCREWS	ST. STEEL	-
28	#8x1/2" PH	-	FRAME ASSEMBLY SCREWS	ST. STEEL	4" FROM ENDS & 16" BALANCE O.C.
29	#10x1" PH	2 / CORNER	FRAME ASSEMBLY SCREWS	ST. STEEL	-
30	IDW-021	1	HEADER TRACK PLATE (4-1/4" x 1/4" x 17-1/2" Lg.)	6063-T5	-
31	#10x3/4" FH	6 PAIRS	FRAME HEADER ASSEMBLY SCREWS	ST. STEEL	(3) PAIRS AT EA. SIDE OF JOINT SPACED 2-1/2" O.C.
32					

LATCH/LOCK:
ITEMS 25 AND 26 AT 42" FROM BOTTOM USED AT CONDITIONS.

SEALANT:
ALL FRAME AND PANEL JOINT. INSTALLATION SCREWS AND HEAD OF ANCHORS SCREWS AT SILL TO BE SEALED WITH WHITE/ALUM COLORED SEALENT.

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