GENERAL NOTES:

FLORIDA BUILDING CODE 2020 (7th ed) HVHZ LARGE MISSILE IMPACT RATED

- I CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE CURRENT EDITION OF THE FLORIDA BUILDING INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS AN ALUMINUM SLIDING GLASS DOOR
 DESIGNED, CONSTRUCTED AND TESTED PROVIDING PROTECTION FROM
 HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE MISSILE)
 WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED
 IN THIS APPROVAL. INSTALLATION OF HURRICANE PROTECTION DEVICES IS
 NOT REQUIRED.
- 3- POSTING: PRODUCT SHALL BE LABELED AS PER CURRENT FLORIDA BUILDING CODE CHAPTER 17.

"JUPITER GLASS SPECIALTIES, INC DBA
SOUTHEASTERN DOOR COMPANY - JUPITER - FLORIDA
SERIES ATLAS HP SLIDING GLASS DOOR
LARGE MISSILE IMPACT RATED
MIAMI-DADE PRODUCT CONTROL APPROVED

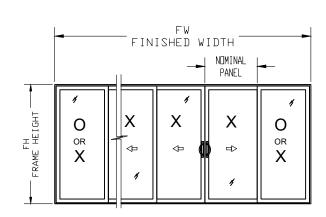
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-16, ARE PERMITTED TO BE MULTIPLE BY 0.6
- 5- MATERIAL: ALL ALUMINUM PARTS TO BE GOG3-TG ALLOY OR AS NOTED AND GLAZING TO BE LAMINATED IMPACT GLASS AS SPECIFIED ON THIS APPROVAL.
- G- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR SPACING AND LOADS MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
- 7. I THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- DISSIMILAR MATERIALS: WHERE ALUMINUM IS IN CONTACT OR FASTENED TO DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, INSTALLATION SHALL MEET THE REQUIREMENTS OF THE CURRENT FBC.

DOOR UNIT SELECTION PROCEDURE AND INSTRUCTIONS TO USE THIS DRAWING TO VERIFY DOOR ADEQUACY PRESSURE

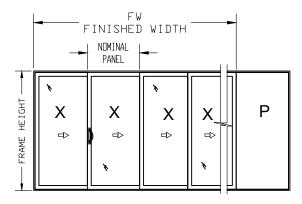
- STEP I SHEET I GENERAL NOTE 4: DETERMINE PROJECT DESIGNED PRESSURE (DP) AS INDICATED.
- STEP 2 SHEET I: COMPARE (DP) WITH PRODUCT DESIGN RATING, FUNCTION OF DOOR SIZES FW \times FH AND POSITIVE PRESSURE OF THRESHOLD RISER
- STEP 3 SHEET 5, 6 \sharp 7: SELECT FRAME ANCHORING IN ACCORDANCE WITH 2, 3, 4 OR 5 TRACK SELECTION.
- STEP 4 THE PRODUCT DESIGNED RATING MUST BE EQUAL OR GREATER THAN THE CALCULATED PROJECT WIND PRESSURE (PD)

TABLE OF CONTENTS:			
	TABLE OF CONTENTO.		
SHEET	DESCRIPTION		
1	GENERAL NOTES, PRODUCT DESIGN RATING AND QUALIFICATIONS		
Ω	DOOR SAMPLE ELEVATIONS WITH FIXED AND OPERABLE PANELS AND POCKET CONFIGURATION		
3	TYPICAL ELEVATION WITH CROSS SECTIONS LOCATOR		
4	DOOR SECTIONS DETAILS		
5	JAMB FRAMING ANCHORAGE DETAILS		
6	HEADER FRAMING ANCHORAGE DETAILS		
7	SILL FRAMING ANCHORAGE DETAILS		
8	FRAMING DIE COMPONENTS		
9	PANEL DIE COMPONENTS, GLAZING CONFIGURATIONS		
10	PANEL HARDWARE		
1 1	LIST OF COMPONENTS		

PRODUCT DESIGN RATING AND QUALIFICATIONS



NOMINAL PANEL = FW / # OF PANELS



NOMINAL PANEL = FW / # OF PANELS NOTE: POCKET IS NOT TO BE INCLUDED IN THE FW

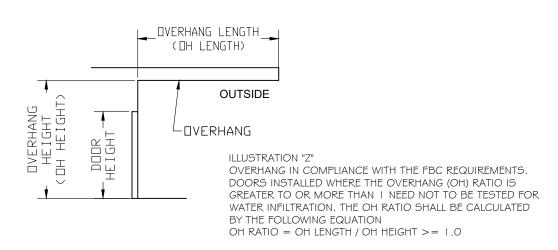
DESIGN PRESSURE RATING	IMPARANEL RATING	SIZES	MAX. FW X FH
+65 PSF -75 PSF	LARGE MISSILE IMPACT	52" X 101 1/4" NOMINAL MODULE	312" X 102 1/2"
±50 PSF	LARGE MISSILE IMPACT	48" X 18.75" NOMINAL MODULE	288" X 120"

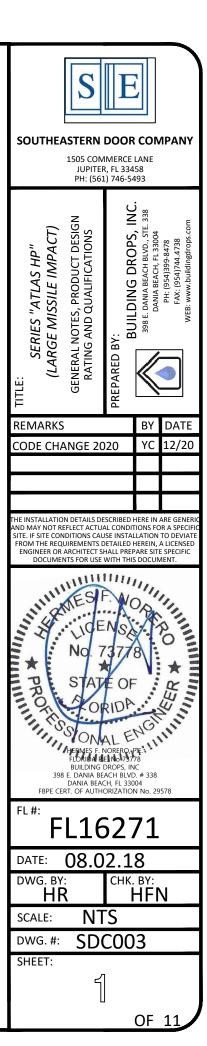
POSITIVE (EXTERIOR) DP SELECTION

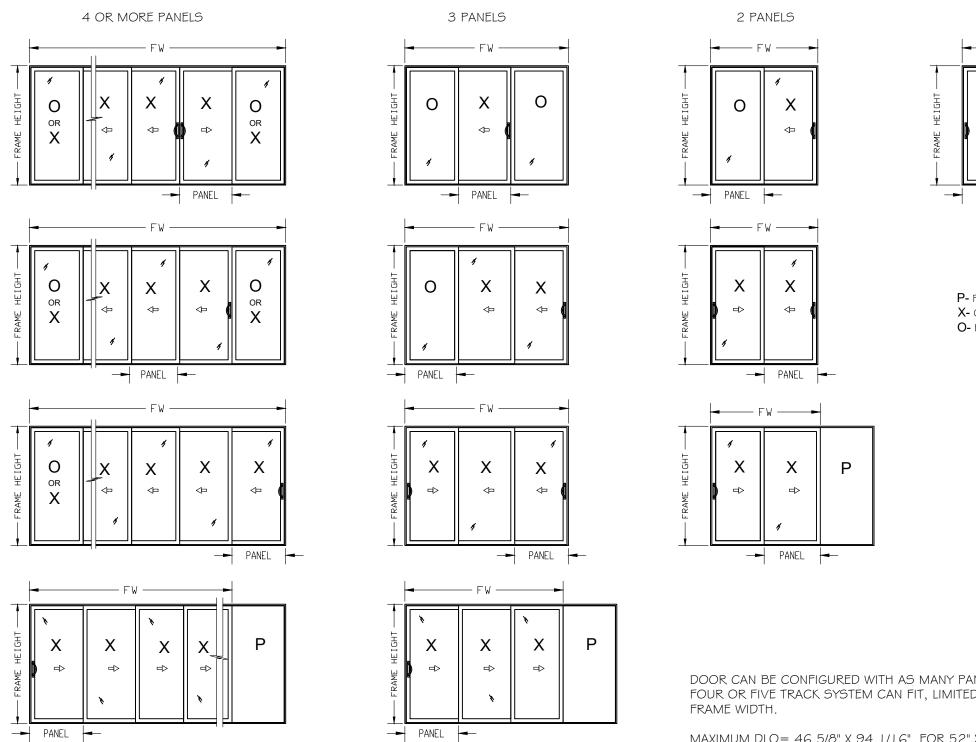
THRESHOLD	MAXIMUM PRE	ESSURES (PSF)
RISER TYPE	CASE 1	CASE 2
3-1/4"	+65	+65
2"	+65	+50
13/16″	+65	

NOTES:

- I CASE |: MAXIMUM POSITIVE PRESSURES FOR 3-1/4", 2" OR |3/16" THRESHOLD WITH OVERHANG AS PER ILLUSTRATION "Z".
- 2- CASE 2: MAXIMUM POSITIVE PRESSURES FOR 3-1/4" AND 2" THRESHOLD RISER W/OUT THE OVERHANG.
- 3- THE POSITIVE PRESSURE SHALL BE THE LESSER VALUE FROM THE ABOVE TABLE







X \Rightarrow PANEL

I PANEL

P- POCKET X- OPERABLE PANEL

O- FIXED PANEL

DOOR CAN BE CONFIGURED WITH AS MANY PANELS AS THE TWO, THREE, FOUR OR FIVE TRACK SYSTEM CAN FIT, LIMITED TO THE MAXIMUM TESTED

MAXIMUM DLO= 46 5/8" X 94 1/16" FOR 52" X 102 1/2" NOMINAL PANELS MAXIMUM DLO= 42 5/8" X 1 1 1 9/16" FOR 48" X 1 20" NOMINAL PANELS



SOUTHEASTERN DOOR COMPANY

1505 COMMERCE LANE JUPITER, FL 33458 PH: (561) 746-5493

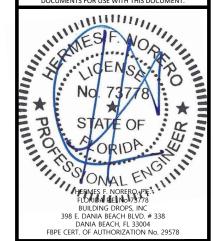
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)794-7388
MED. MARCH STERMARCH SERIES "ATLAS HP"
(LARGE MISSILE IMPACT)
DOOR SAMPLE ELEVATIONS WITH
FIXED AND OPERABLE PANELS AND
POCKET CONFIGURATION

REMARKS

BY DATE YC 12/20 CODE CHANGE 2020

THE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER IHE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER.

SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIAT
FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED
ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC
DOCUMENTS FOR USE WITH THIS DOCUMENT.



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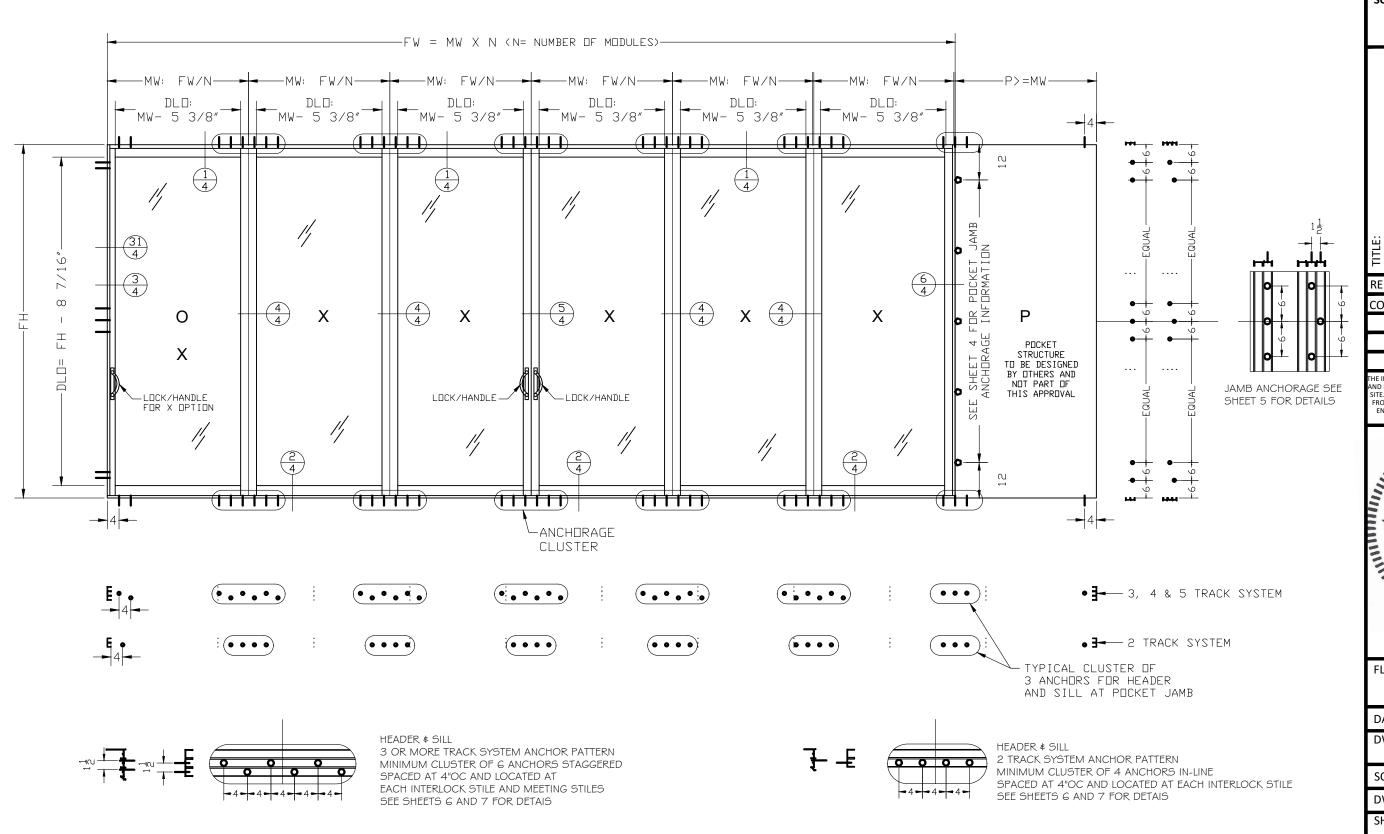
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SDC003 DWG. #:

SHEET:

OF 11

TYPICAL ELEVATION AND CROSS SECTION LOCATOR





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SERIES "ATLAS HP"
(LARGE MISSILE IMPACT)

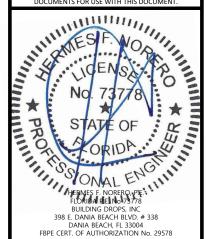
TYPICAL ELEVATION WITH
CROSS SECTIONS LOCATOR
PARED BY:

ARED BY:

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)344.4738
WAFE: WAVE HIGHISPETORS, COM

REMARKS BY DATE
CODE CHANGE 2020 YC 12/20

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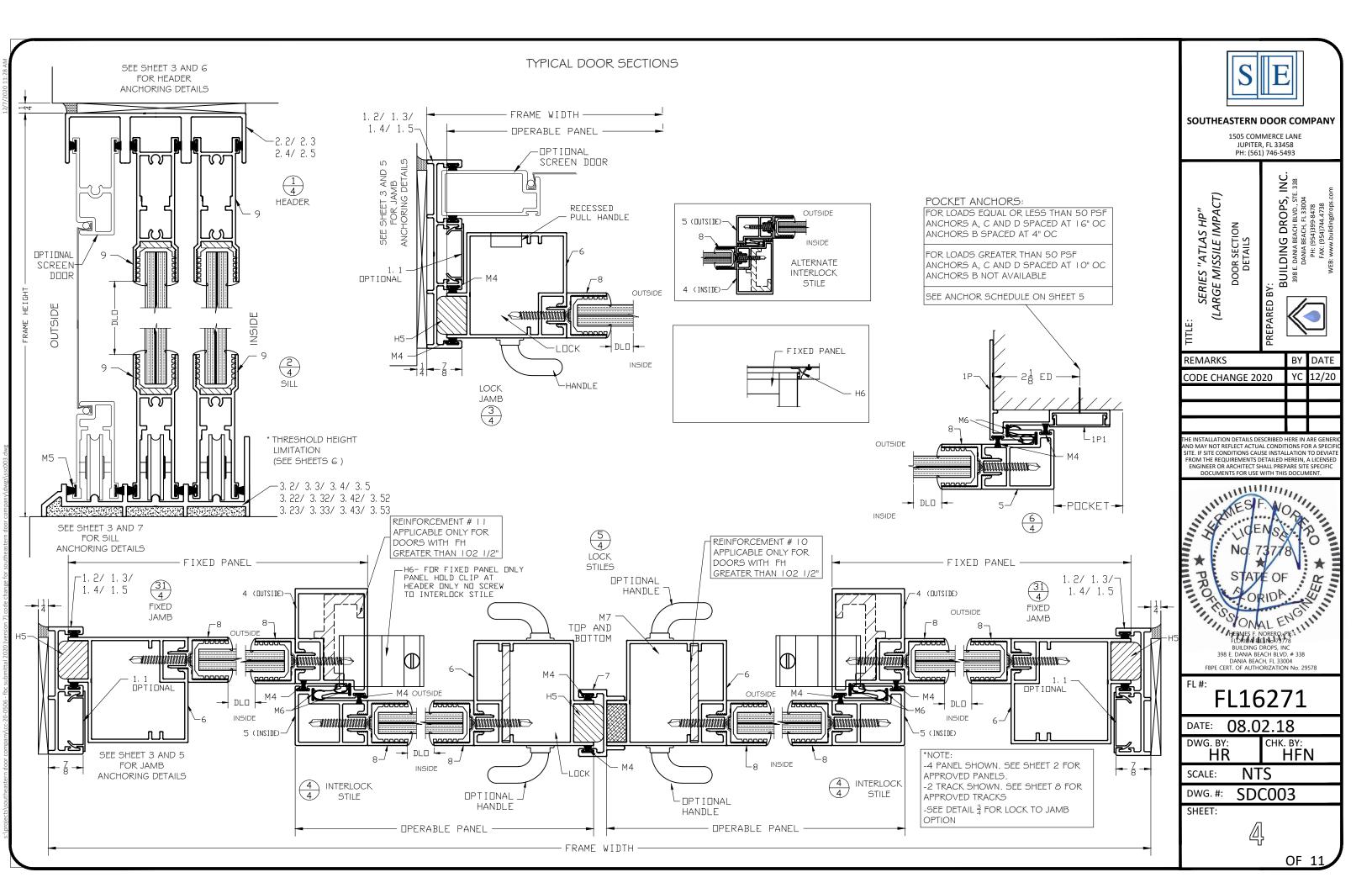
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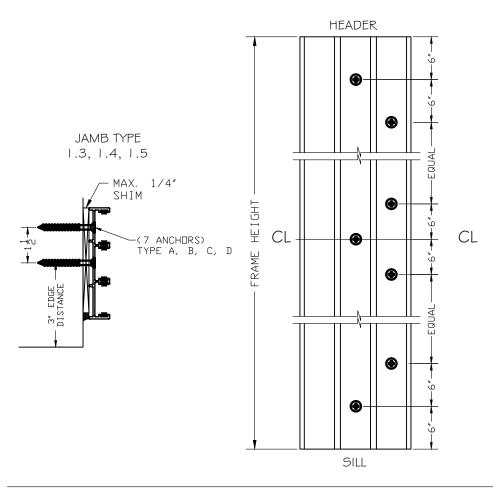
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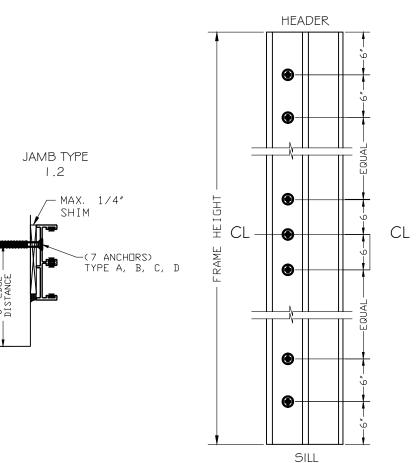
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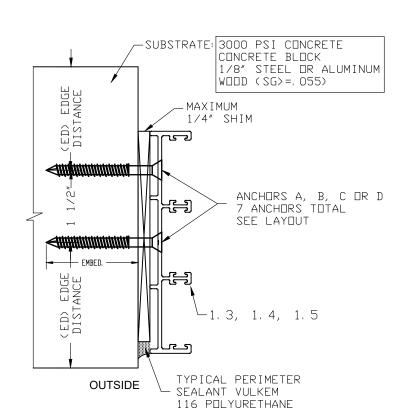
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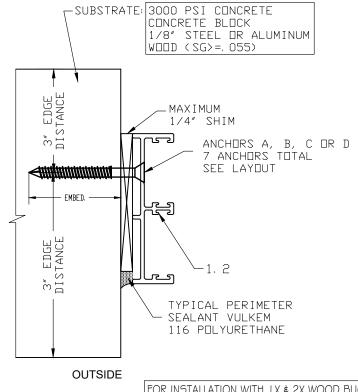




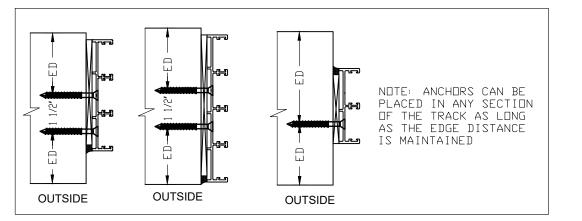


JAMB FRAMING ANCHORAGE DETAILS





FOR INSTALLATION WITH IX \$ 2X WOOD BUCK WOOD BUCKS TO BE PROVIDED BY OTHERS AND TO BE PROPERLY ENGINEERED AND SECURED TO TRANSFER IMPOSED LOADS.



ANCHOR SCHEDULE

, (110111	HOROGEROOLE			
TYPE	DESCRIPTION	EMBEDMENT	SUBSTRATE	EDGE DISTANCE
Α	1/4" TAPCON BY ITW	1 3/4" MIN.	3000 psi CONCRETE	3"
В	1/4" TAPCON BY ITW	1 1/4" MIN.	MASONRY BLOCK	3"
С	1/4" TAPCON BY ITW	1 1/2" MIN.	PT WOOD (SG=.55)	3/4"
D	1/4-14 GR 5 SMS	MIN. 3 THREADS	METAL STRUCTURES	3/4"

- I MINIMUM EMBEDMENT ARE BEYOND WALL DRESSING.
- 2- METAL STRUCTURES ARE TO BE ASTM A36 STEEL OR 6063-T6 ALUMINUM
- 3- ANCHOR TYPE D MUST HAVE A MINIMUM 3 THREADS EMBEDMENT PASS SUBSTRATE
- 4- CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C-90 WITH MININUM 2000 PSI
- 5- ANCHORS A, B AND C: YIELD STRENGTH Fy= I OO KSI, ULTIMATE STRENGTH Fu= I 25 KSI
- 6- ANCHORS D: YIELD STRENGTH Fy=92 KSI, ULTIMATE STRENGTH Fu= I 20 KSI



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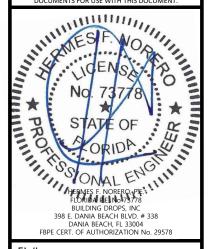
SERIES "ATLAS HP" (LARGE MISSILE IMPACT) JAMB FRAMING ANCHOR DETAILS

BUILDING DROPS, IN
398 E. DANIA BEACH BLVD., STE. 33
DANIA BEACH, FL 33004
PH: (954)399-8478
FAX: (954)3444-478 М

INC.

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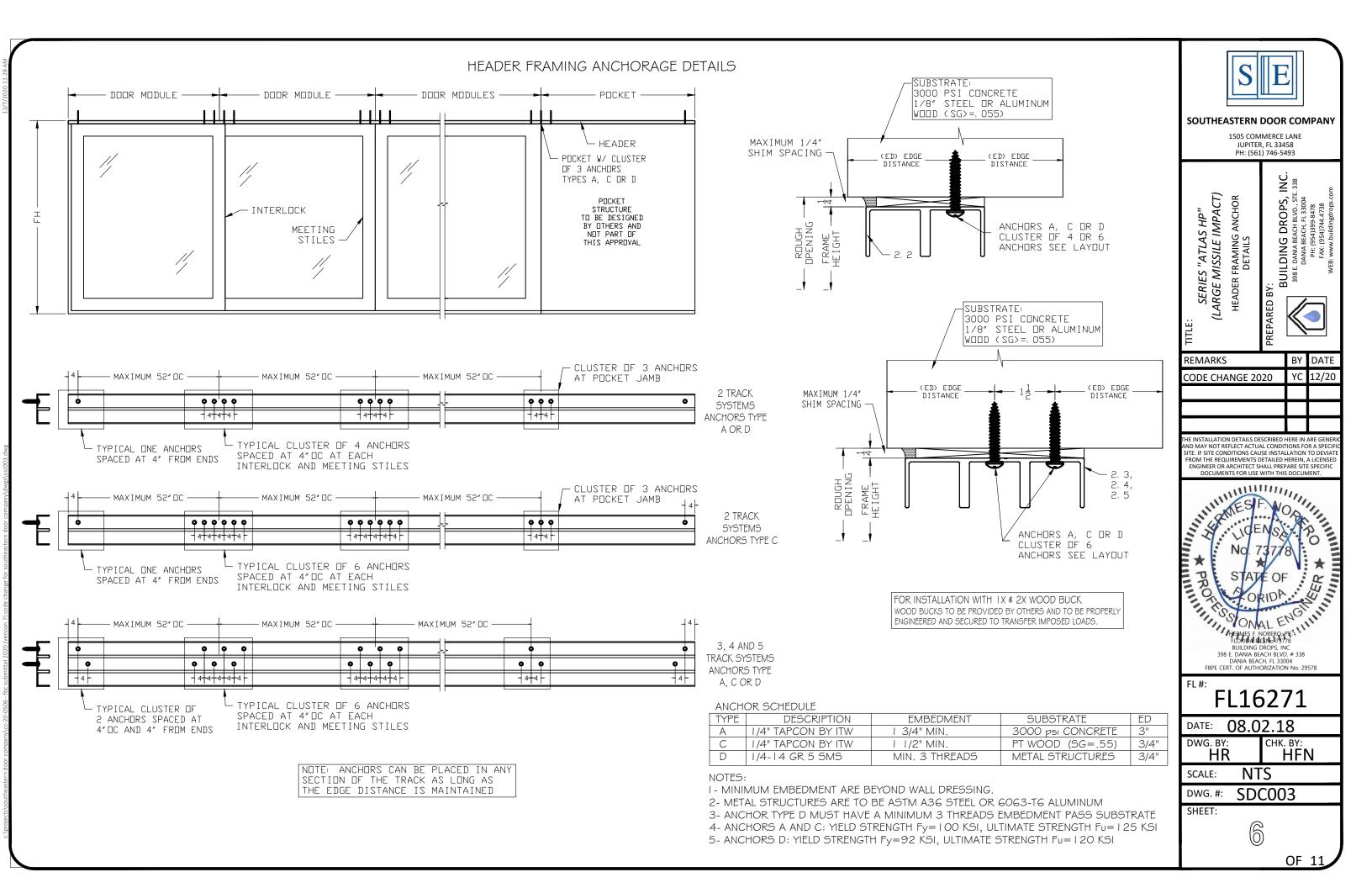
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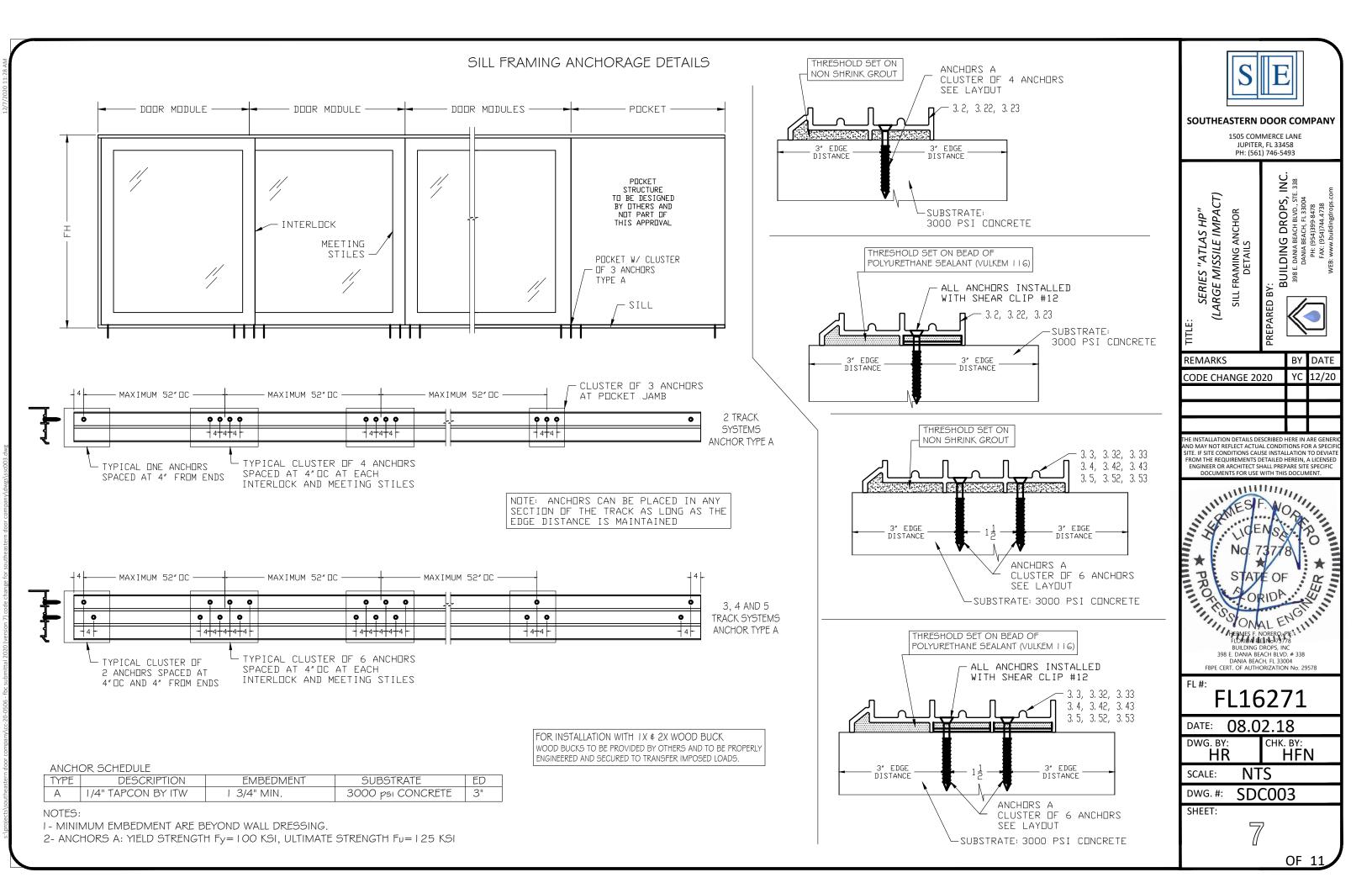
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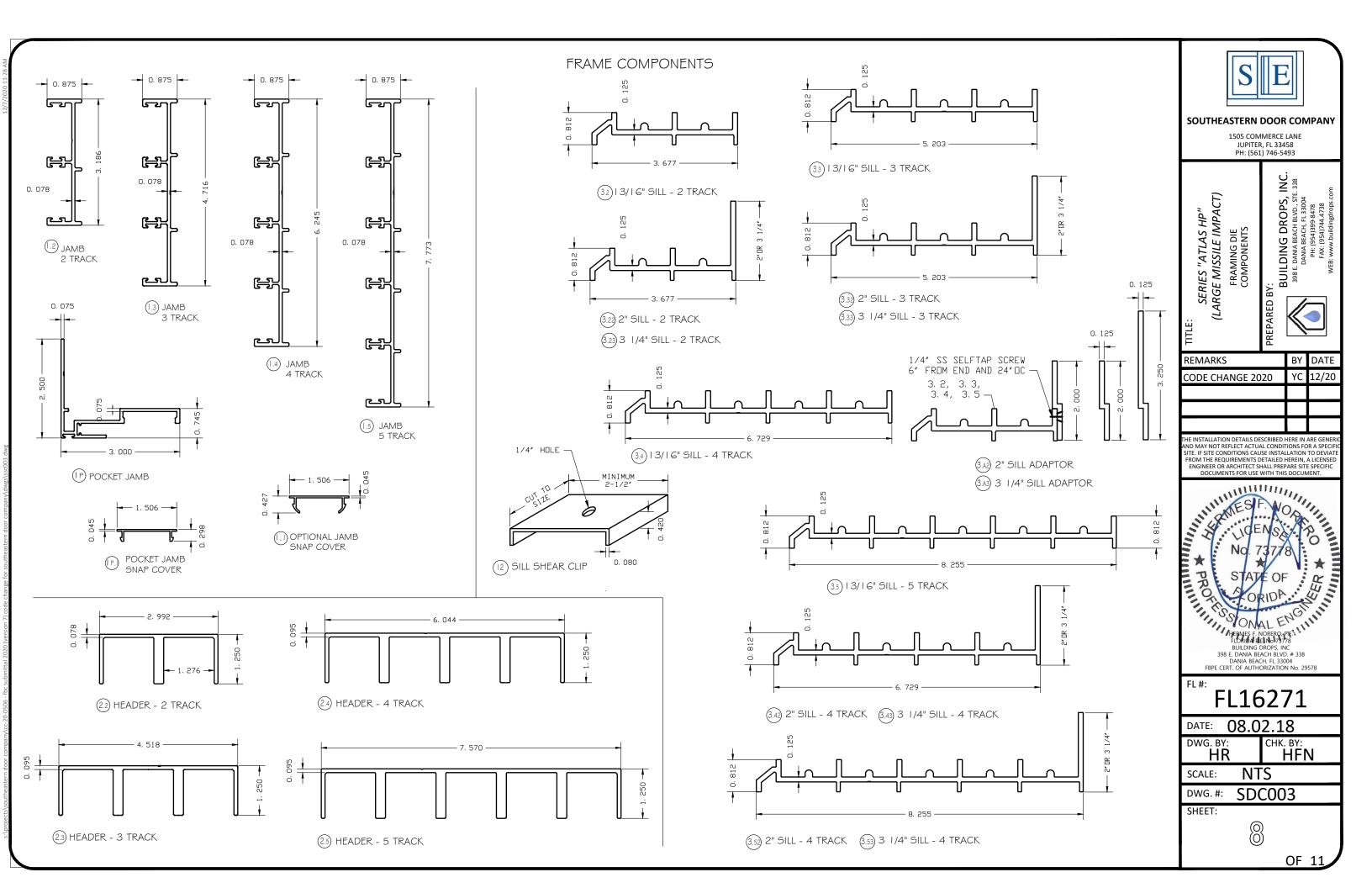
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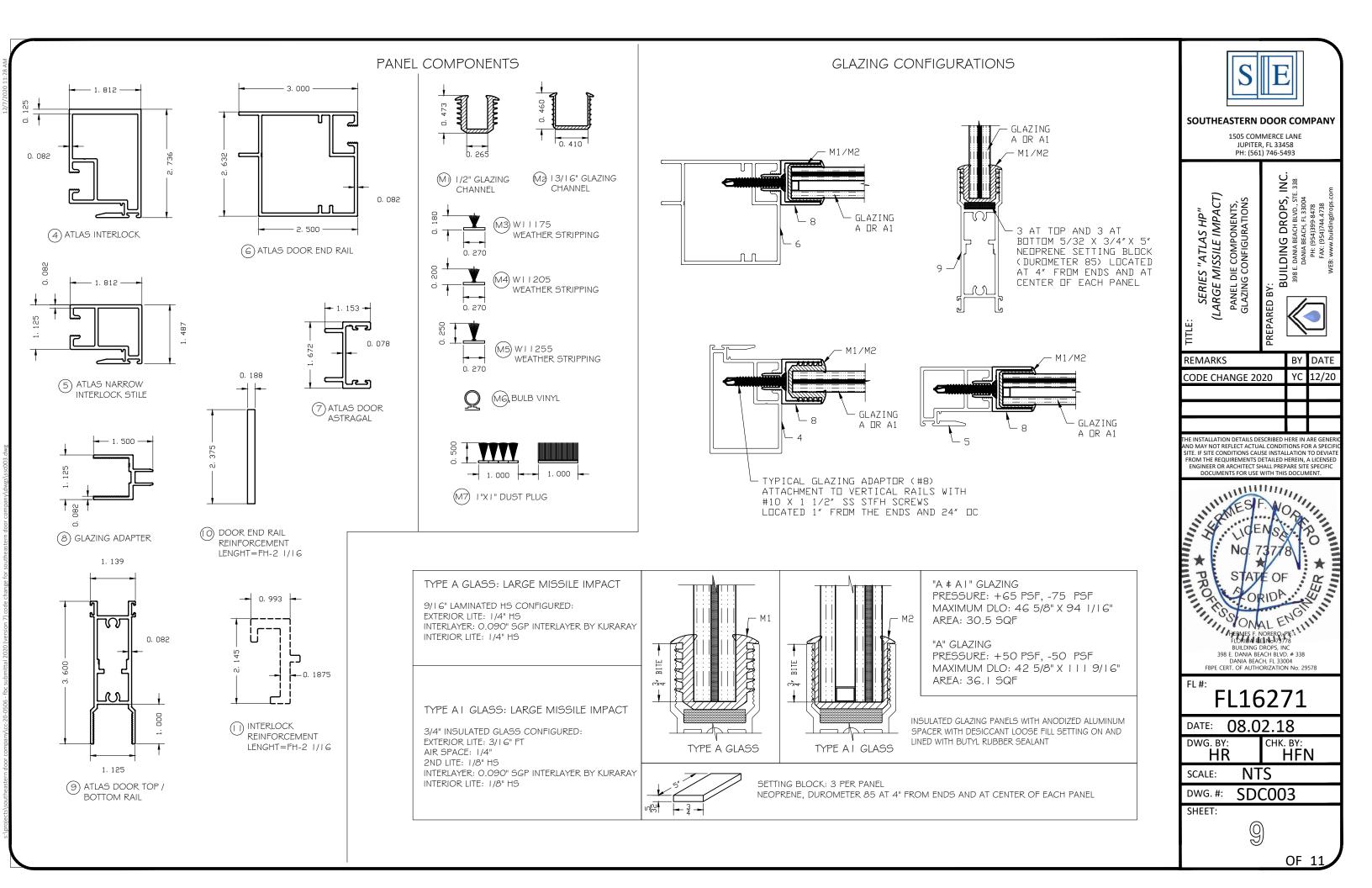
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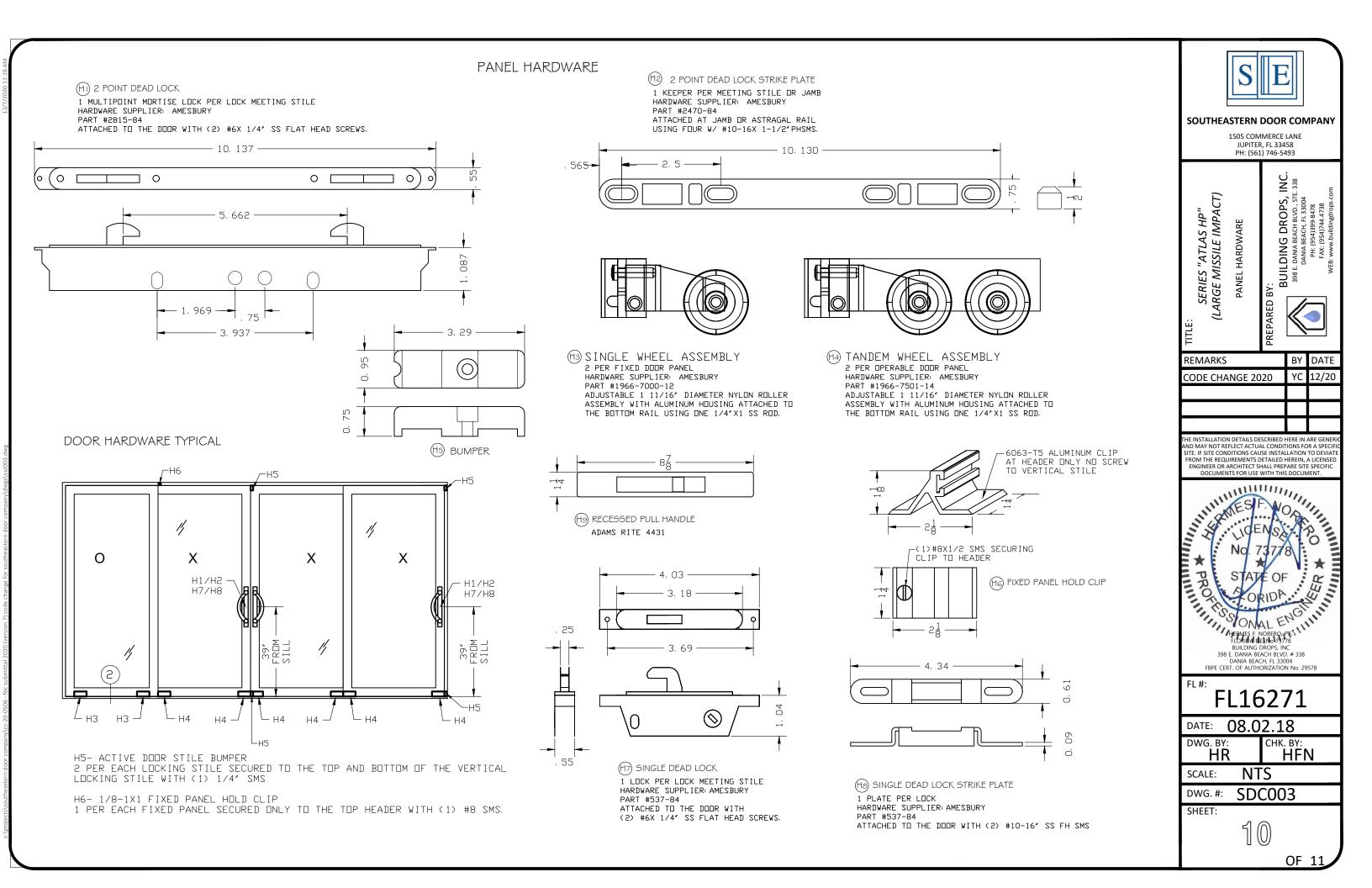
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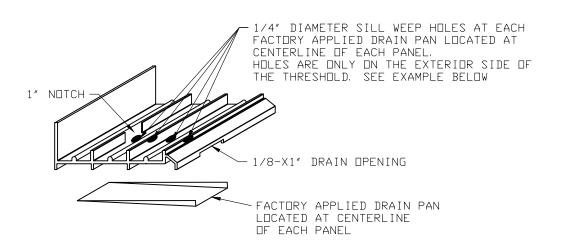
LIST OF COMPONENTS

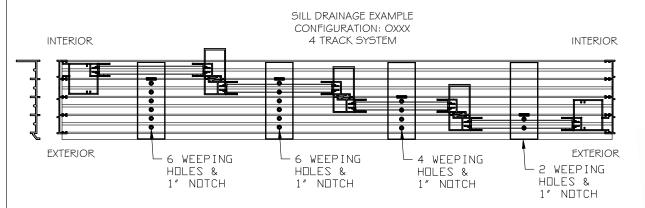
ITEM	DESCRIPTION	MATERIAL	SUPPLIER
1	JAMB FRAMING & ACCESSORIES	MATERIAL	SOFFEIER
1, 1	OPTIONAL JAMB SNAP COVER	6063-T5 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 2	2 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 3	3 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 4	4 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1, 5	5 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1P	POCKET JAMB	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1P. 1	POCKET JAMB SNAP COVER	6063-T5 ALUMINUM	SOUTHEASTERN DOOR COMPANY
2	HEADER FRAMING		
2, 2	2 TRACK - HEADER FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
2, 3	3 TRACK - HEADER FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
2. 4	4 TRACK - HEADER FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
2, 5	5 TRACK - HEADER FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3	SILL FRAMING		
3, 2	2 TRACK - 13/16" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 22	2 TRACK - 2" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 23	2 TRACK - 3 1/4" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 3	3 TRACK - 13/16" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 32	3 TRACK - 2" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 33	3 TRACK - 3 1/4" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3. 4	4 TRACK - 13/16" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3. 42	4 TRACK - 2" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 43	4 TRACK - 3 1/4" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 5	5 TRACK - 13/16" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 52	5 TRACK - 2" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3, 53	5 TRACK - 3 1/4" SILL FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3. A2	2" SILL ADAPTOR	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
3. A3	3 1/4" SILL ADAPTOR	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
4	ATLAS INTERLOCK STILE	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
5	ATLAS NARROW INTERLOCK STILE	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
6	ATLAS DOOR END RAIL	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
7	ATLAS DOOR ASTRAGAL	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
8	GLAZING ADAPTOR	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
9	ATLAS DOOR TOP / BOTTOM RAIL	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
10	END RAIL REINFORCEMENT	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
11	INTERLOCK REINFORCEMENT	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
12	SILL SHEAR CLIP	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY

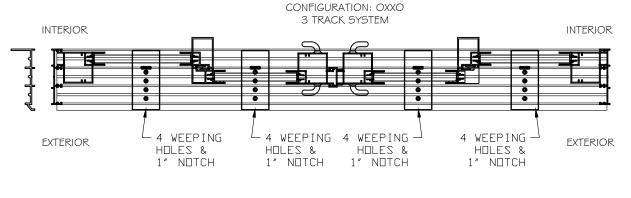
ITEM	DESCRIPTION	MATERIAL	SUPPLIER
M1	1/2" GLAZING GASKET	PVC	TEAM PLASTICS INC
M2	13/16" GLAZING GASKET	PVC	TEAM PLASTICS INC
M3	W11175 PILE WEATHER STRIPPING		ULTRAFAB
M4	W11205 PILE WEATHER STRIPPING		ULTRAFAB
M5	W11255 PILE WEATHER STRIPPING		ULTRAFAB
M6	BULB VINYL	NEOPRENE	ULTRAFAB
M7	DUST PLUG		ULTRAFAB

ITEM	DESCRIPTION	MATERIAL	SUPPLIER
H1	2 POINT DEAD LOCK	STAINLESS STEEL	AMESBURY
H2	2 POINT LOCK STRIKE PLATE	STAINLESS STEEL	AMESBURY
H3	SINGLE WHEEL ASSEMBLY	ALUM. ∕ NYL□N	AMESBURY
H4	TANDEM WHEEL ASSEMBLY	ALUM. / NYL□N	AMESBURY
H5	DOOR BUMPER	80 SHORE A NBR.	FRANK LOWE RUBBER & GASKER CO.
H6	FIXED PANEL HOLD CLIP W/ #8 SCREW	6063-T5 ALUMINUM	SOUTHEASTERN DOOR COMPANY
H7	SINGLE DEAD LOCK	STAINLESS STEEL	AMESBURY
H8	SINGLE STRIKE PLATE	STAINLESS STEEEL	AMESBURY
H9	RECESSED PULL HANDLE	CAST ALUMINUM	ADAMS RITE

SILL DRAINAGE







DRAINAGE NOTE: WEEP HOLES ARE INSTALLED UNDER ALL PANELS EXCEPT IN THE INNER TRACK

SILL DRAINAGE EXAMPLE



SOUTHEASTERN DOOR COMPANY

1505 COMMERCE LANE JUPITER, FL 33458 PH: (561) 746-5493

SERIES "ATLAS HP" (LARGE MISSILE IMPACT) LIST OF COMPONENTS

REMARKS

BUILDING DROPS, IN 398 E. DANIA BEACH BLVD., STE. 3 DANIA BEACH, FL33004 PH: (954)399-8478 FAX: (954)744.478

INC.

BY DATE

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SCALE: NTS

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