GENERAL NOTES:

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

- I CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN ACCORDANCE WITH THE CURRENT EDITION FLORIDA BUILDING CODE 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 (SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL. INSTALLATION OF HURRICANE PROTECTION DEVICES IS REQUIRED FOR INSTALLATIONS BELOW 30' ELEVATION.
- 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
SMALL MISSILE IMPACT RATED
MIAMI-DADE PRODUCT CONTROL APPROVED

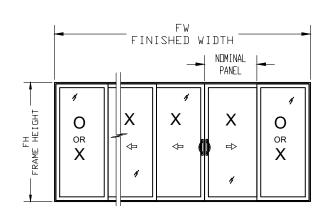
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-16, ARE PERMITTED TO 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

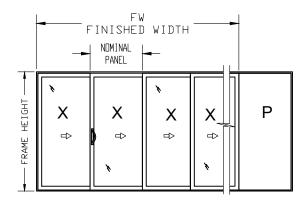
- STEP I SHEET I GENERAL NOTE 4: DETERMINE PROJECT DESIGNED PRESSURE (DP) AS INDICATED.
- STEP 2 SHEET 1: COMPARE (DP) WITH PRODUCT DESIGN RATING, FUNCTION OF DOOR SIZES FW x FH AND POSITIVE PRESSURE OF THRESHOLD RISER
- STEP 3 SHEET 5, 6 \$ 7: SELECT FRAME ANCHORING IN ACCORDANCE WITH 2, 3, 4 OR 5 TRACK SELECTION.
- STEP 4 THE PRODUCT DESIGNED RATING MUST BE EQUAL OR GREATER THAN THE CALCULATED PROJECT WIND PRESSURE (PD)

	,			
	TABLE OF CONTENTS:			
SHEET	DESCRIPTION			
1	GENERAL NOTES, PRODUCT DESIGN RATING AND QUALIFICATIONS			
2	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

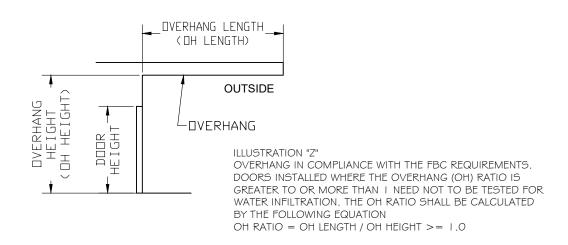
DESIGN PRESSURE RATING	IMPACT RATING	PANEL SIZES	MAX. FW X FH
+65 PSF -75 PSF	SMALL MISSILE IMPACT	52" X 101 1/4" NOMINAL MODULE	312" X 102 1/2"
±50 PSF	SMALL MISSILE IMPACT	48" X 18.75" NOMINAL MODULE	288" X 120"

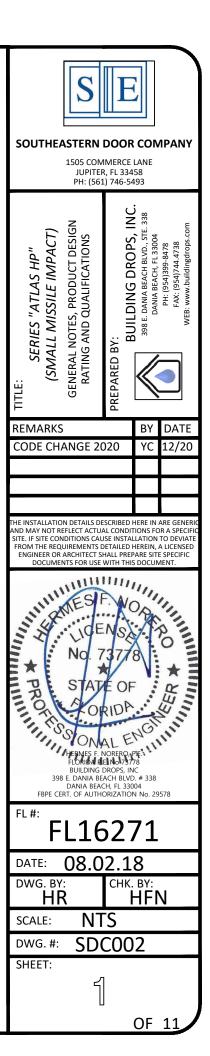
POSITIVE (EXTERIOR) DP SELECTION

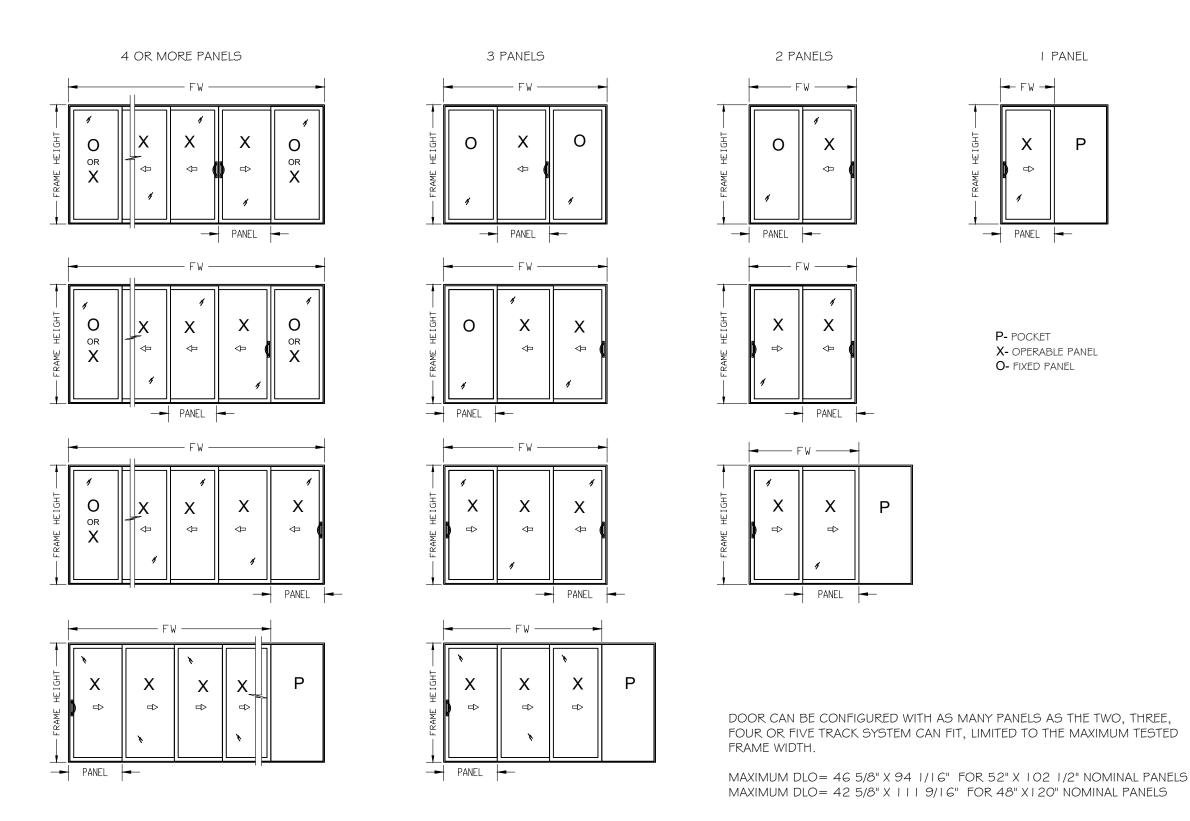
THRESHOLD	MAXIMUM PRESSURES (PS		
RISER TYPE	CASE 1	CASE 2	
3-1/4"	+65	+65	
2"	+65	+50	
13/16"	+65		

NOTES:

- I CASE I: MAXIMUM POSITIVE PRESSURES FOR 3-1/4", 2" OR 13/16" 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







SOUTHEASTERN DOOR COMPANY

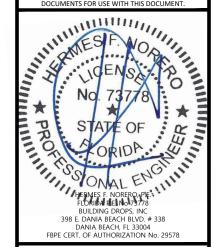
1505 COMMERCE LANE JUPITER, FL 33458 PH: (561) 746-5493

BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FI 33004
PH. (954)399-8478
FAX: (954)744.478
WED....... Individendents com SERIES "ATLAS HP"
(SMALL MISSILE IMPACT)
DOOR SAMPLE ELEVATIONS WITH
FIXED AND OPERABLE PANELS AND
POCKET CONFIGURATION

REMARKS BY DATE CODE CHANGE 2020 YC 12/20

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.



FL16271

08.02.18 DATE: CHK. BY:

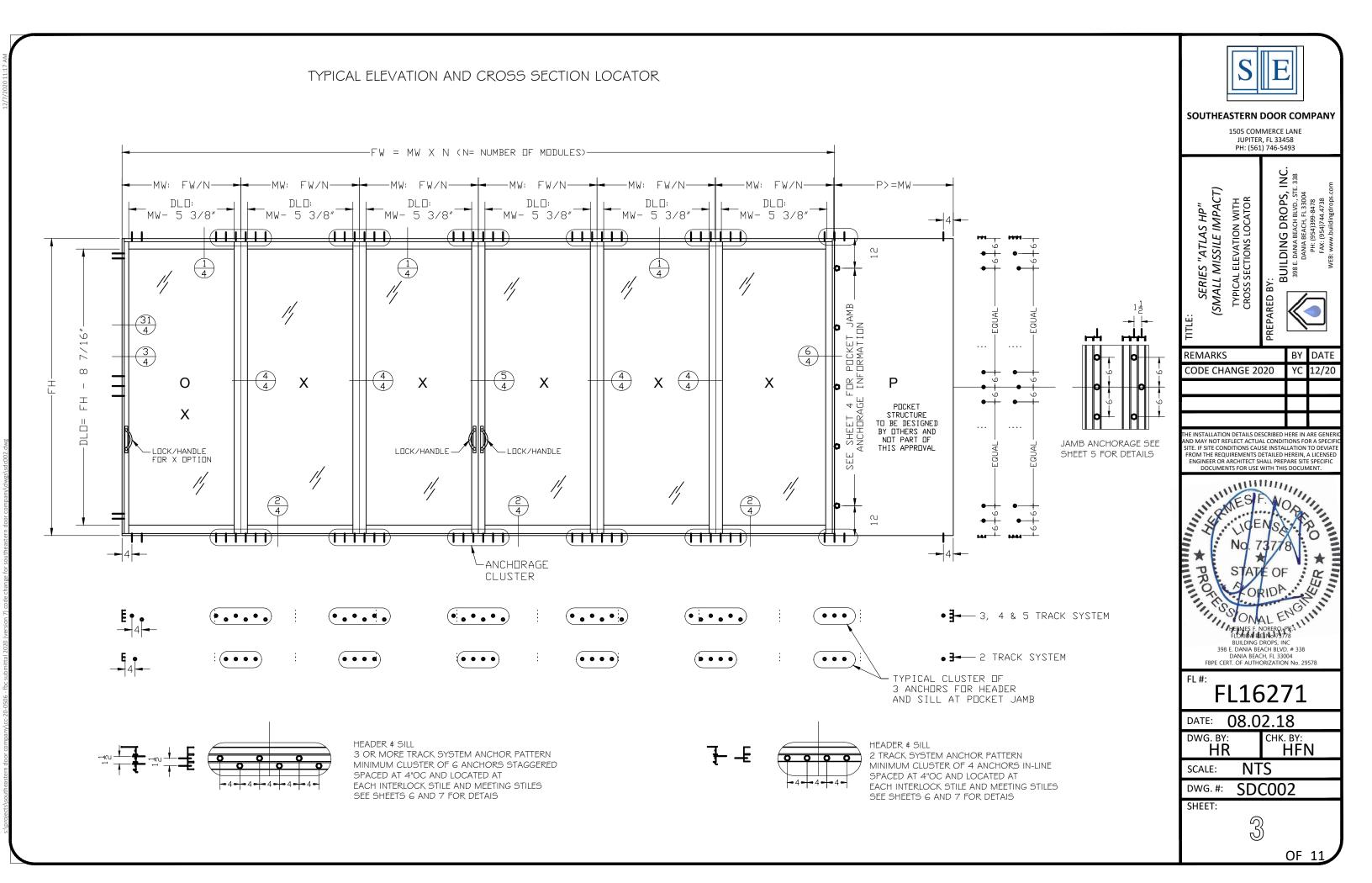
DWG. BY: ΉŘ

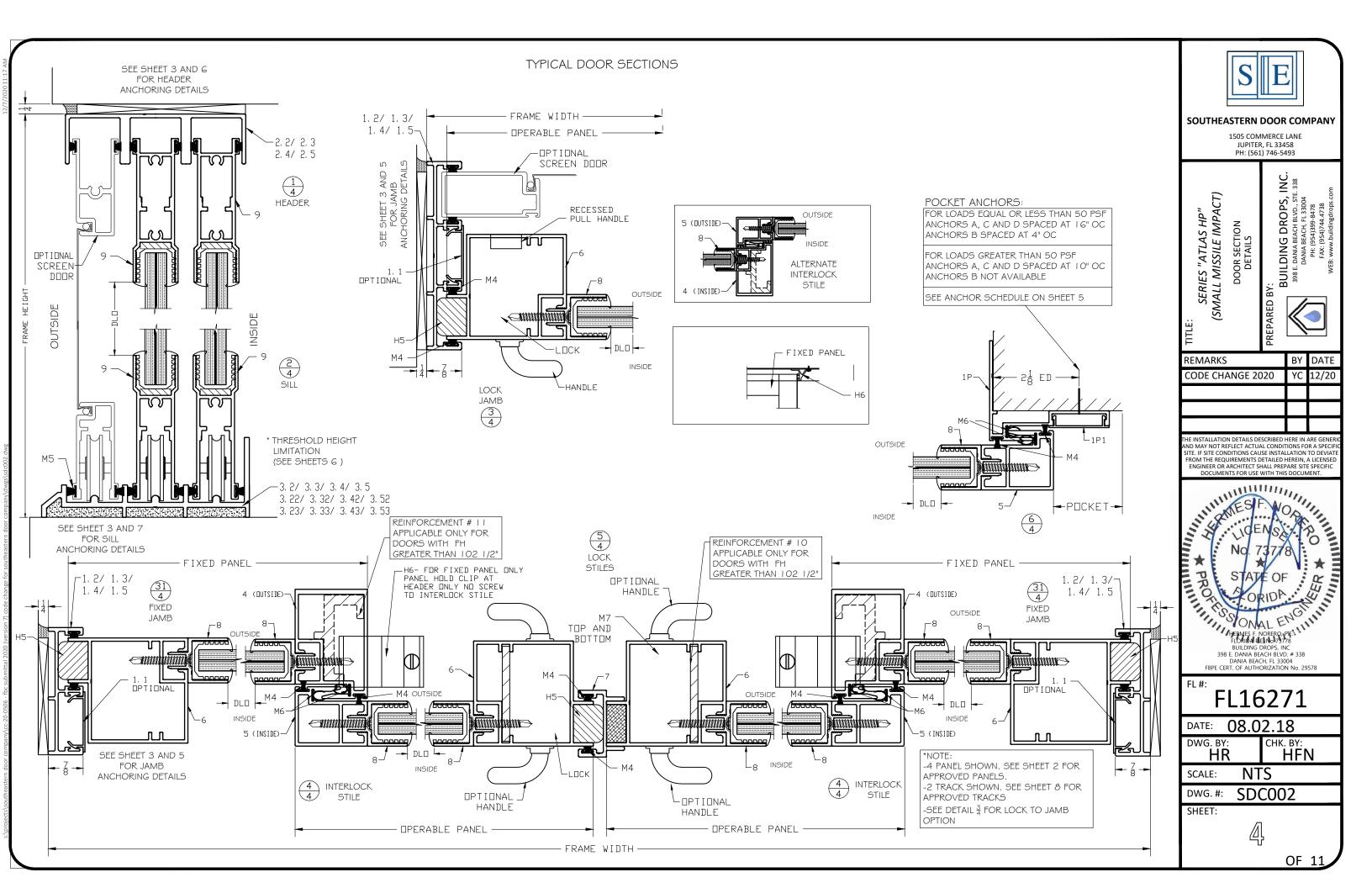
SHEET:

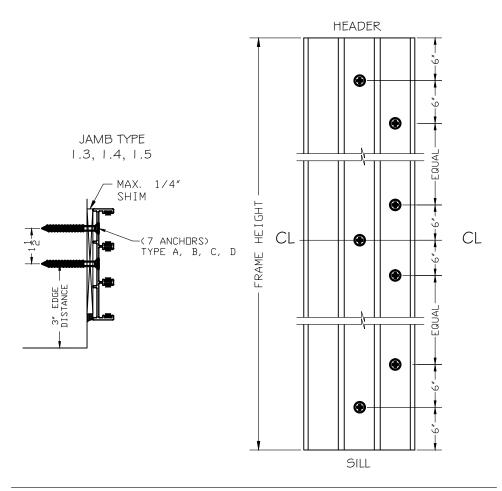
ΉFΝ NTS SCALE:

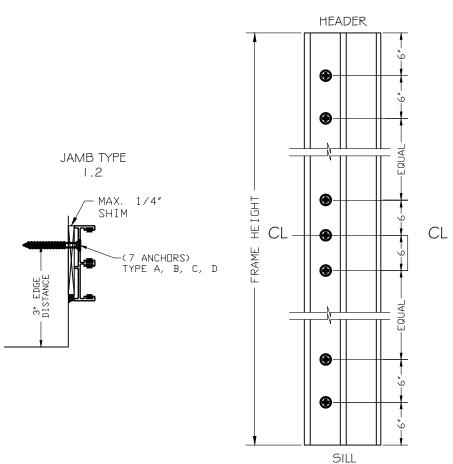
SDC002 DWG. #:

OF 11

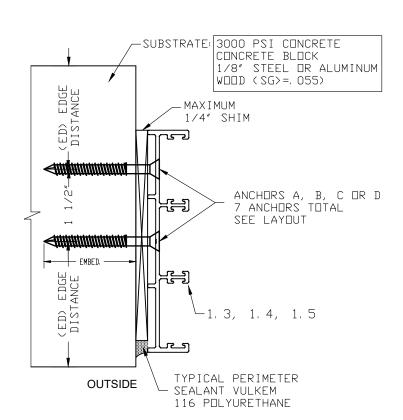


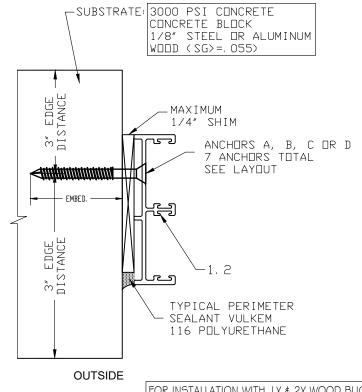




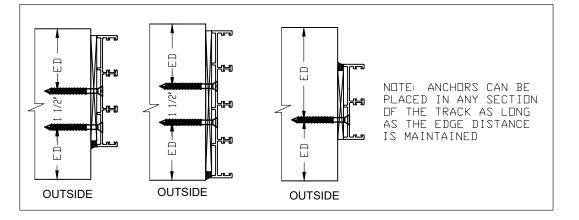


JAMB FRAMING ANCHORAGE DETAILS





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

/ (NOTION COTTED CEE				
TYPE	DESCRIPTION	EMBEDMENT	SUBSTRATE	EDGE DISTANCE
Α	1/4" TAPCON BY ITW	I 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 00 KSI, ULTIMATE STRENGTH Fu= I 25 KSI
- 6- ANCHORS D: YIELD STRENGTH Fy=92 KSI, ULTIMATE STRENGTH Fu= 120 KSI



SOUTHEASTERN DOOR COMPANY

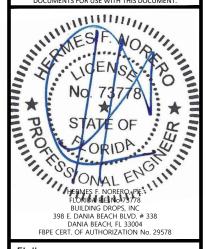
1505 COMMERCE LANE JUPITER, FL 33458 PH: (561) 746-5493

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

398 E. DAING DROPS, INC. 398 E. DAINA BEACH BLVD., STE. 338 DAINA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744 A1338 М

REMARKS BY DATE CODE CHANGE 2020 YC 12/20

THE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF 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



FL16271

08.02.18 DATE: CHK. BY:

DWG. BY: HR

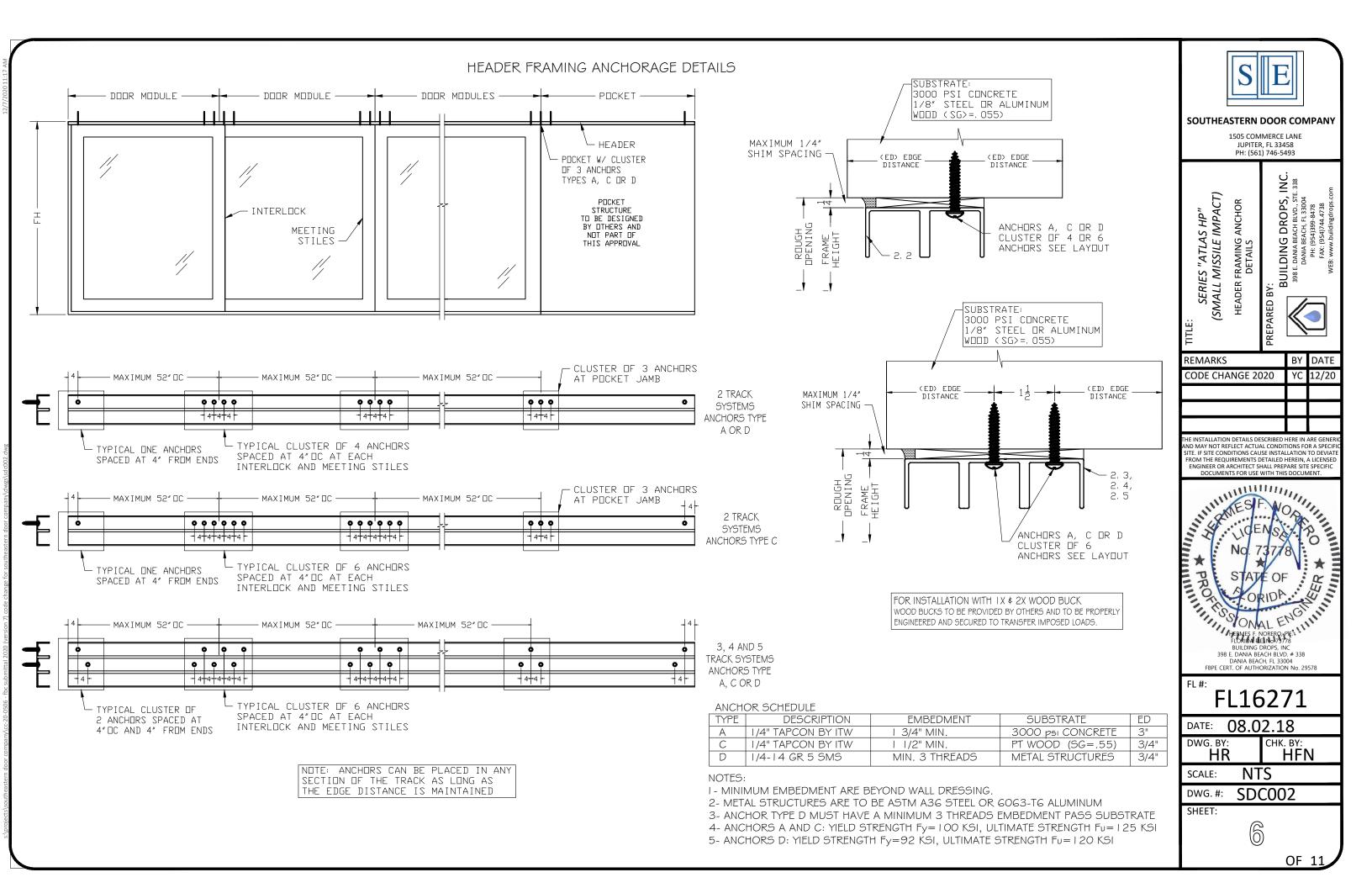
HFN SCALE: NTS

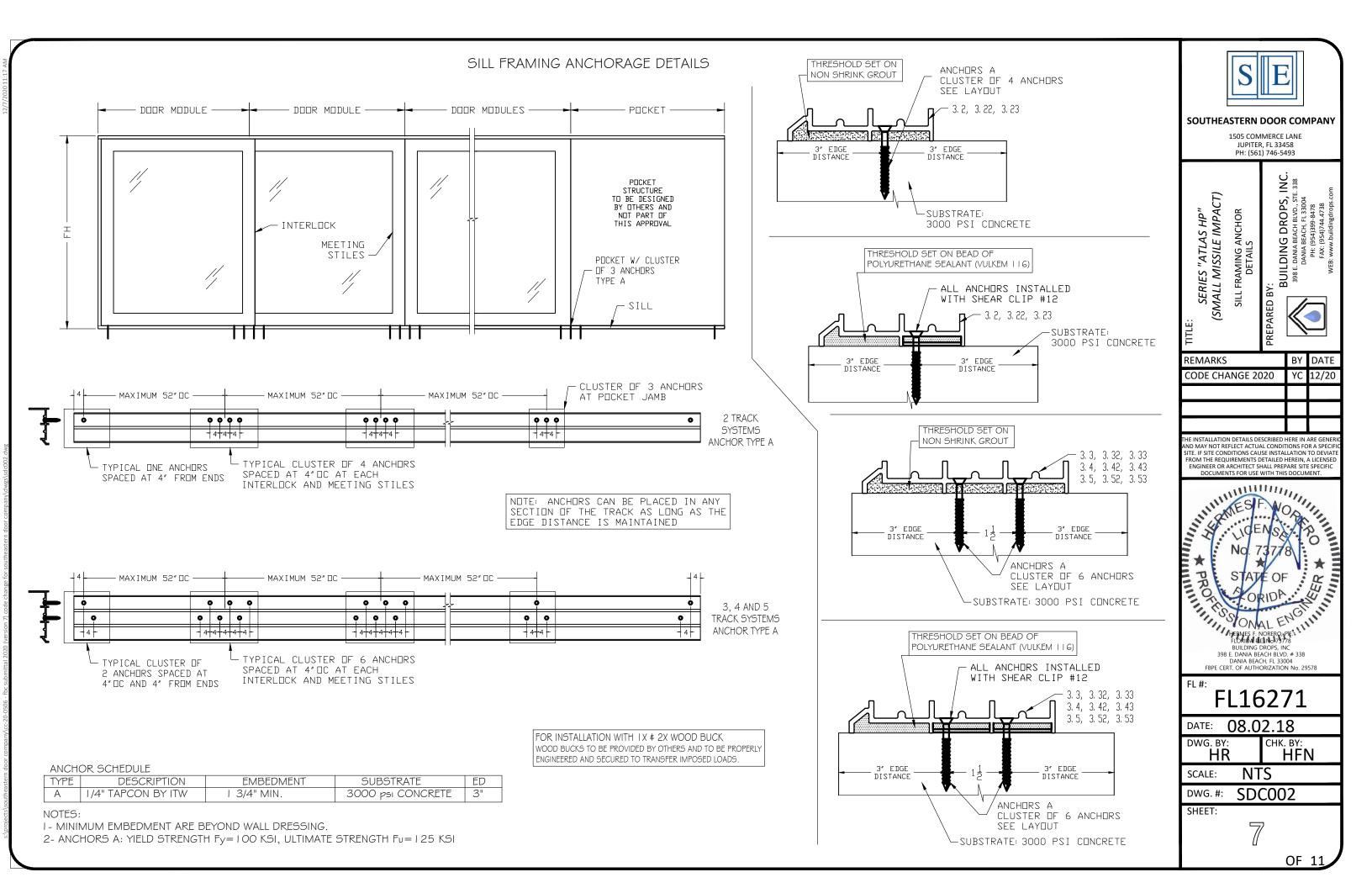
SDC002 DWG. #:

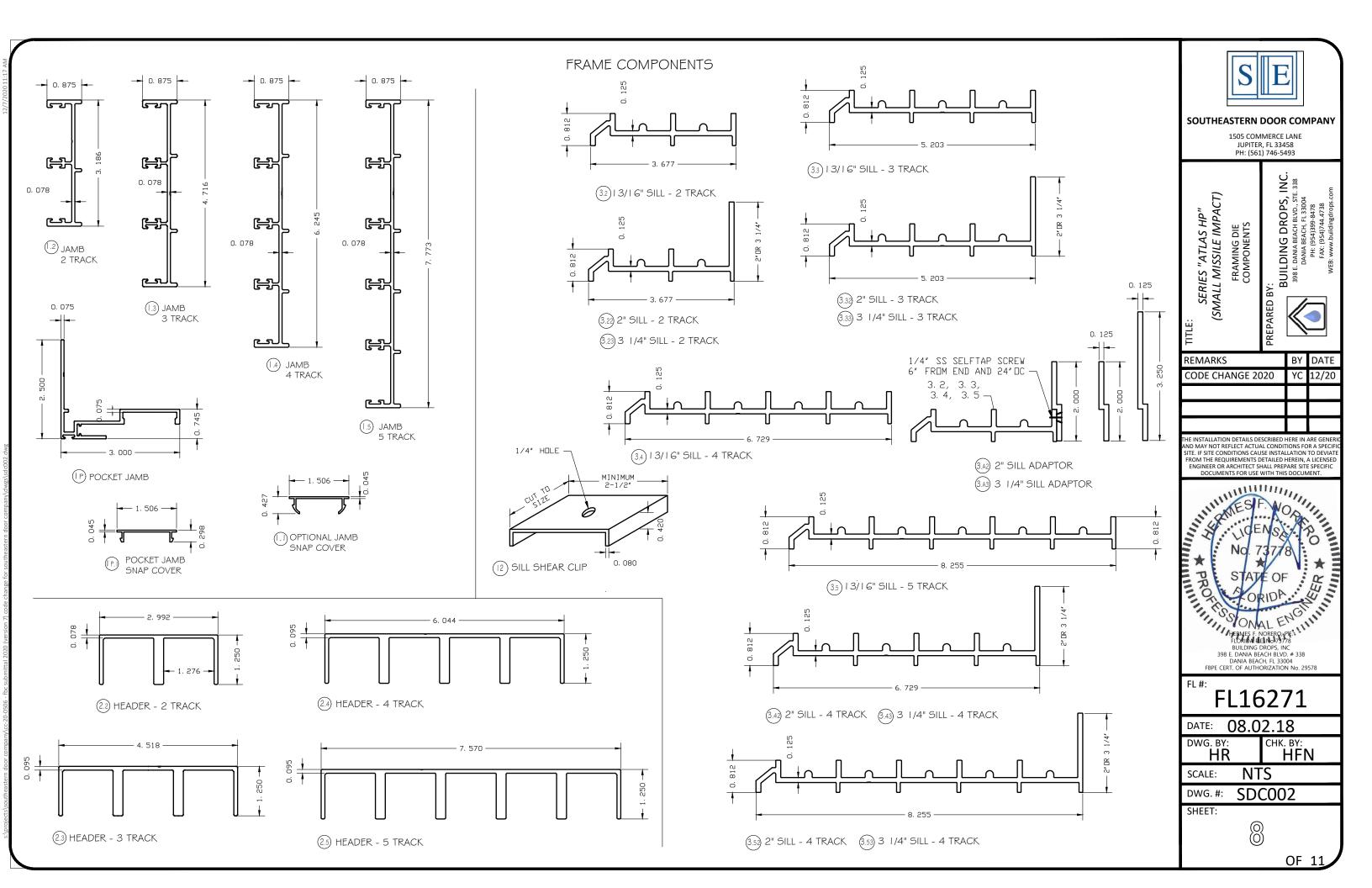
SHEET:

5

OF 11

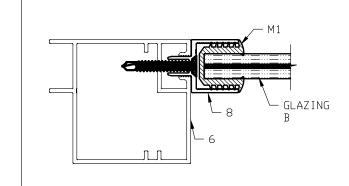






PANEL COMPONENTS - 3, 000 -— 1. 812 o T 0. 082 0. 082 2. 500 (4) ATLAS INTERLOCK (6) ATLAS DOOR END RAIL - 1. 153 - 0. 078 0. 188 (5) ATLAS NARROW INTERLOCK STILE 7 ATLAS DOOR ASTRAGAL — 1. 500 -(O) DOOR END RAIL (8) GLAZING ADAPTER REINFORCEMENT LENGHT=FH-2 1/16 1. 139 0. 993 0. 082 (I) INTERLOCK REINFORCEMENT LENGHT=FH-2 1/16 1. 125 (9) ATLAS DOOR TOP / **BOTTOM RAIL**

GLAZING CONFIGURATIONS



(M) 1/2" GLAZING

CHANNEL

M3 W11175

M4) W11205

(M5) WII255

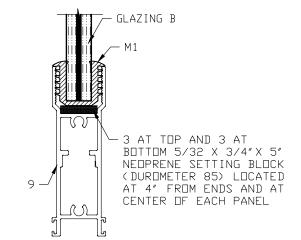
(MG), BULB VINYL

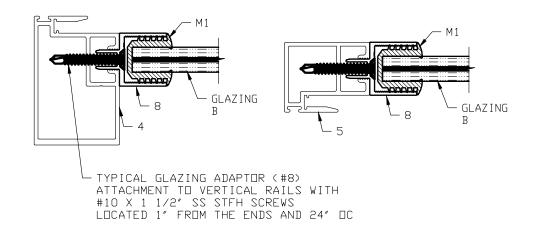
(M7) I"XI" DUST PLUG

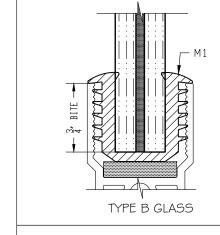
WEATHER STRIPPING

WEATHER STRIPPING

WEATHER STRIPPING







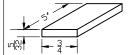
"B" GLAZING

PRESSURE: +65 PSF, -75 PSF MAXIMUM DLO: 46 5/8" X 94 1/16" AREA: 30.5 SQF

PRESSURE: +50 PSF, -50 PSF MAXIMUM DLO: 42 5/8" X 111 9/16" AREA: 36.1 SQF

TYPE B GLASS: SMALL MISSILE IMPACT

9/16" LAMINATED HS CONFIGURED: EXTERIOR LITE: 1/4" HS INTERLAYER: 0.035" SENTRYGLAS INTERLAYER BY KURARAY INTERIOR LITE: 1/4" HS



SETTING BLOCK: 3 PER PANEL NEOPRENE, DUROMETER 85 AT 4" FROM ENDS AND AT CENTER OF EACH PANEL



SOUTHEASTERN DOOR COMPANY

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

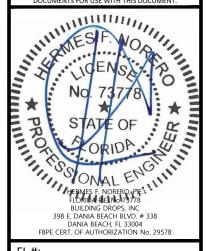
SERIES "ATLAS HP" (SMALL MISSILE IMPACT) PANEL DIE COMPONENTS, GLAZING CONFIGURATIONS

BUILDING DROPS, I 398 E. DANIA BEACH BLVD., STE. DANIA BEACH, FL 33004 PH: (954)399-8478 FAX: (954)744.4738 ы

INC.

REMARKS BY DATE CODE CHANGE 2020 YC 12/20

HE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER IHE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER. AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF 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.



FL16271 08.02.18 DATE: DWG. BY: CHK. BY:

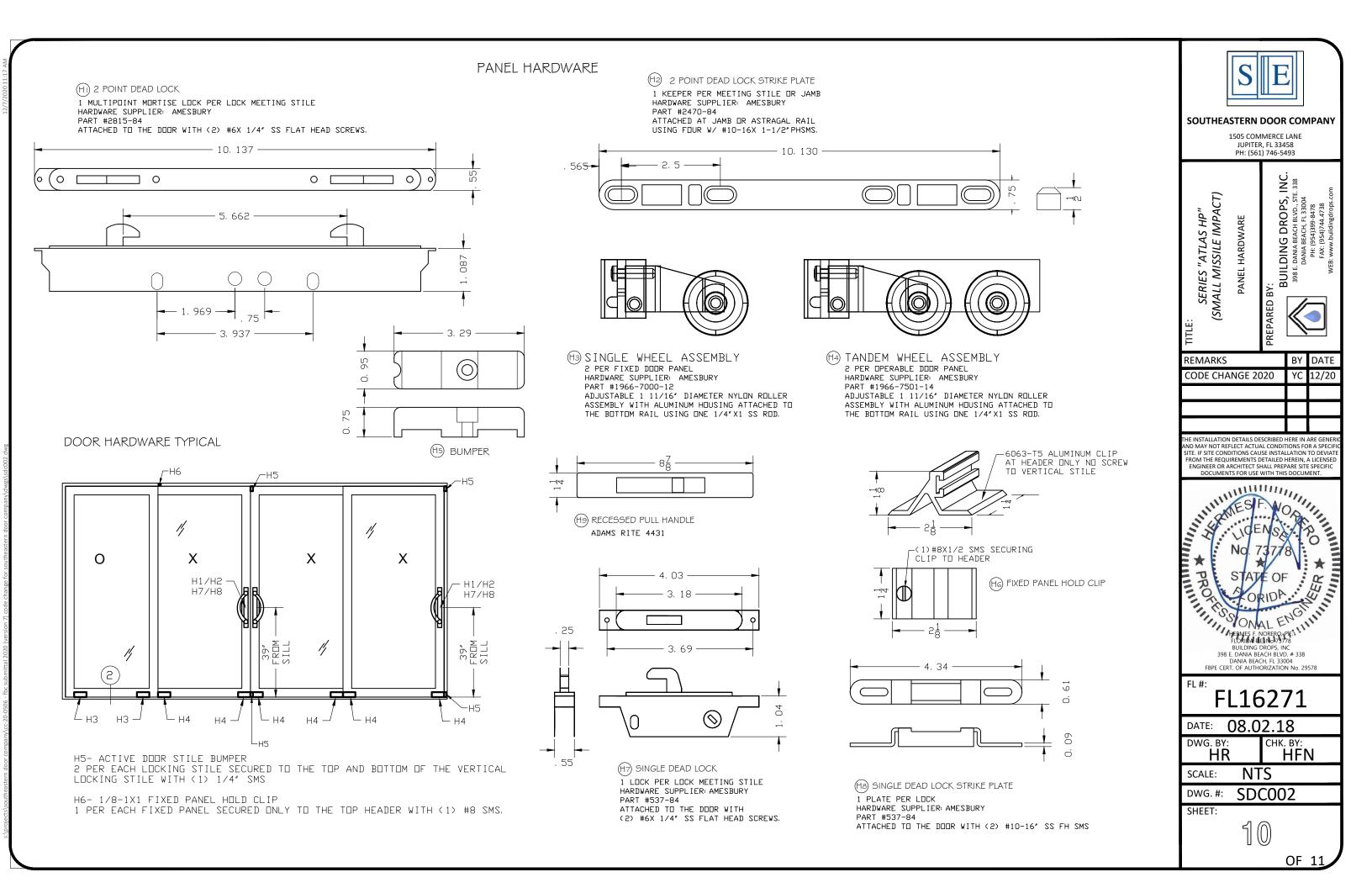
ΉŘ HFN SCALE: NTS

SDC002

SHEET:



OF 11



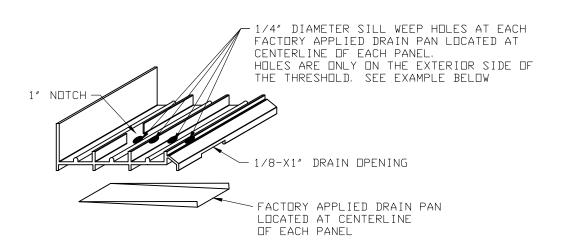
LIST OF COMPONENTS

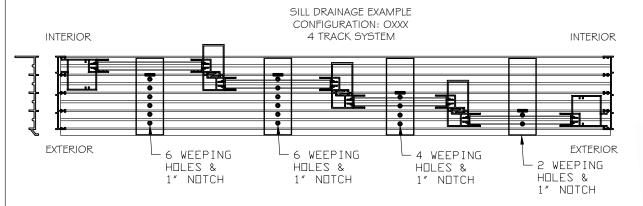
ITEM	DESCRIPTION	MATERIAL	SUPPLIER
1	JAMB FRAMING & ACCESSORIES	1111121112	001121210
1, 1	OPTIONAL JAMB SNAP COVER	6063-T5 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 2	2 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 3	3 TRACK - JAMB FRAME	6063-T6 ALUMINUM	SOUTHEASTERN DOOR COMPANY
1. 4	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

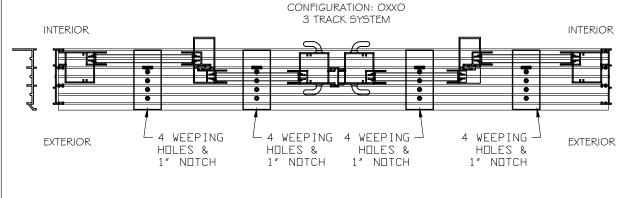
ITEM	DESCRIPTION	MATERIAL	SUPPLIER
M1	1/2" GLAZING GASKET	PVC	TEAM PLASTICS INC
M2			
M3	W11175 PILE WEATHER STRIPPING		ULTRAFAB
M4	W11205 PILE WEATHER STRIPPING		ULTRAFAB
M5	W11255 PILE WEATHER STRIPPING		ULTRAFAB
M6	BULB VINYL	NEOPRENE	ULTRAFAB
M7	DUST PLUG		ULTRAFAB

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







SILL DRAINAGE EXAMPLE

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



SOUTHEASTERN DOOR COMPANY

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

SERIES "ATLAS HP" (SMALL MISSILE IMPACT) LIST OF COMPONENTS BUILDING DROPS, INC.
398 E. DANIA BEACH, EL 338
DANIA BEACH, FL 33004
PH. (954)399-478
FAX: (954)744.4738

WEEN. WALL WITH A FAY BEACH, EL 34004 · 🔟

REMARKS BY DATE CODE CHANGE 2020 YC 12/20

THE INSTALLATION DETAILS DESCRIBED HERE IN ARE GENER AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIF 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



FL #: FL16271 DATE: 08.02.18

DWG. BY: ΉŘ

> SCALE: NTS

SDC002 DWG. #:

SHEET:

OF 11

CHK. BY:

HFN