

**COMPLIANCE STATEMENT:**  
 1. THESE PRODUCTS HAVE BEEN TESTED TO PROTOCOLS TAS 201, 202 & 203-94, ASTM PROTOCOLS E283-04(12), E330-14 AND E331-00(09), AND COMPLY WITH THE 2018 IBC & IRC.

- NOTES:**
- INTERIOR VIEWS ARE SHOWN FOR ALL ELEVATIONS OF OUTSWING DOORS
  - SEE TABLE 1 ON SHEET 2 FOR GLAZING SIZE, HARDWARE APPLICATIONS & LIMITATIONS
  - SEE SHEETS 3 & 19 FOR HINGE REQUIREMENTS
  - SEE SHEETS 4 & 20 FOR ANCHORING TYPES AND LIMITATIONS AND SHEETS 9 & 13 FOR MULLION INSTALLATION
  - SEE SHEETS 3 - 8 AND 20 FOR SILL INSTALLATION INFORMATION
  - SEE SHEET 5 TABLE 3.1 & SHEET 6 TABLES 3.2 & 3.3 FOR WATER RATED THRESHOLDS AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
  - SEE SHEET 7 TABLE 4.1 & SHEET 8 TABLE 4.2 FOR NON WATER RATED THRESHOLDS AND WEATHERSTRIPPING INSTALLATION AND LIMITATIONS
  - SEE SHEET 11 FOR GLAZING OPTIONS AND DETAILS
  - DLO - DAYLIGHT OPENING SIZE, SAME AS EXPOSED GLASS, SEE SHEETS 1, 2 AND 10 FOR SIZES AND LIMITATIONS
  - ALL CONFIGURATIONS MEET LARGE AND SMALL MISSILE IMPACT REQUIREMENTS -LARGE MISSILE IMPACT AT (50 F/S)



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	GLASS OUTSWING, DOUBLE DOORS AND HARDWARE CONFIGURATIONS.	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	11/15/07	AUTOCAD	SHEET 1 OF 20

Door Configuration	Maximum Design Pressure, PSF		Maximum Door Opening Size, in.		Maximum Exposed Glazing Size (DLO)*, in.		Locking Hardware Description				Comments
	Positive	Negative	Width	Height	Width	Height	Hardware Family	Model/Series	Strike Models	Brand	
1	60	60	72	84	24	64	Rim Exit Device	98/99 & 98/99-F 88-F	299F/499F 268/468	Von Duprin Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
2	50	50	96	96	34.25	74.5	Rim Exit Device	98/99 & 98/99-F 88-F	299F/499F 268/468	Von Duprin Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
3A	90 SEE NOTE 2.	90 SEE NOTE 2.	96	96	12	12	Rim Exit Device	XP98/99 & XP98/99-F	909/954	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
3B					3	33					
					4	25					
	5	20									
4	60	60	72	84	24	64	Surface Vertical Rod Exit Device	98/9927 & 98/9927-F F-25-V & 25-V	299F-499F Top, 304L Bottom 3788 Top, 2130 Bottom	Von Duprin Falcon	
5	60	60	72	84	24	64	Concealed Vertical Rod Exit Device	98/9947-F & HH98/9947 33/3547A-F & HH33/3547A F-25-C	338 Top, 385A or 304L Bottom 338 Top, 385A or 304L Bottom 4188 Top, 2130 Bottom	Von Duprin Von Duprin Falcon	HH98/9947 device has a 2-3/4" backset HH33/3547A device has a 2-3/4" backset
6	60	60	72	84	24	64	Three-Point Latching Device	98/9957 & 98/9957-F	299F/499F Top/Middle, 304L Bottom	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
7	60	60	36	84	24	64	Three-Point Latching Device	98/9957 & 98/9957-F	299F/499F Top/Middle, 304L Bottom	Von Duprin	NOTE 3
8	50	50	96	96	34.25	74.5	Three-Point Latching Device	98/9957 & 98/9957-F	299F/499F Top/Middle, 304L Bottom	Von Duprin	for pairs use HH9954 mullion by Von Duprin See Sheet 13
9	50	50	48	96	34.25	74.5	Three-Point Latching Device	98/9957 & 98/9957-F	299F/499F Top/Middle, 304L Bottom	Von Duprin	NOTE 3
10	50	50	96	96	34.25	74.5	Mortise Lock	L/LV9000, AD-MS, CO-MS LE-MS, LEB-MS, LE-MB, LEB-MD L/LV9400, AD-MD, CO-MD LE-MD, LEB-MD MA	10-072 10-072 10-072 10-072 ANSI	Schlage Schlage Schlage Schlage Falcon	Function w/o deadbolt, 3/4" min. throw latch Function with deadbolt, 3/4" min. throw latch & 1" min. throw bolt function with or without deadbolt, 3/4" min. throw latch & 1" min. throw bolt (if applicable)
11	50	50	96	96	34.25	74.5	Cylindrical Lock	D, ND, NDE, NDEB, AD-CY, CO-CY ALX T	10-025 ANSI ANSI	Schlage Schlage Falcon	1/2" min. throw latch 1/2" min. throw latch 1/2" min. throw latch

TABLE 1.

- NOTES:
- SEE SHEETS 12, 13, 14 & 15 FOR LOCKING HARDWARE. FOR DOOR CONFIGURATIONS 10 & 11 INACTIVE LEAF REQUIRES IVES SB360 SURFACE BOLT TOP AND BOTTOM, EACH ATTACHED WITH (4) #12-24 OVAL HEAD MACHINE SCREWS AND SEX BOLTS.
  - DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD 12A WHEN WATER INFILTRATION REQUIREMENT IS NEEDED. SEE SHEET 5
    - DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±75 PSF WITH ZERO INT'L THRESHOLD OPTIONS (12A, 12C & 12D) WHEN WATER INFILTRATION REQUIREMENT IS NOT NEEDED. SEE SHEET 7
    - DOOR CONFIGURATIONS 3A & 3B ARE RATED FOR MAXIMUM DESIGN PRESSURE UP TO ±90 PSF WITH NGP THRESHOLD 12B WHEN WATER INFILTRATION IS NOT NEEDED. SEE SHEET 8
  - DOOR CONFIGURATIONS 7 & 9 ARE FOR USE ON TWO DOORS WITH FIXED HOLLOW METAL MULLION.
  - \* DLO - DAYLIGHT OPENING, SAME AS EXPOSED GLASS OR FINISHED OPENING. SEE SHEETS 10 & 11 FOR GLAZING TYPES, DETAILS AND LIMITATIONS



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
 THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES GLASS OUTSWING DOORS AND HARDWARE CONFIGURATIONS COMMERCIAL DOOR OPENING DOUBLE GLASS DOORS.			
DRAWN YMF	DATE 05/20/07	SIZE	FLAT	DWG NO. IRGD07-T	REV B 1-9-20
CHECKED		SCALE: NTS	AUTOCAD		SHEET 2 OF 20
APPROVED					
ENG. APPVL JPD	11/15/07				

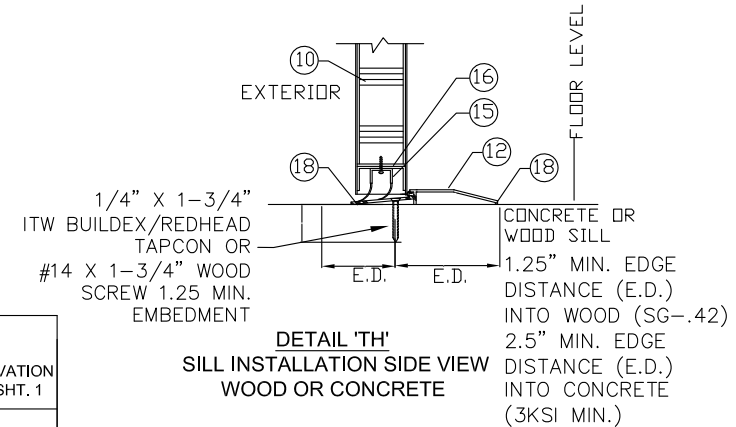
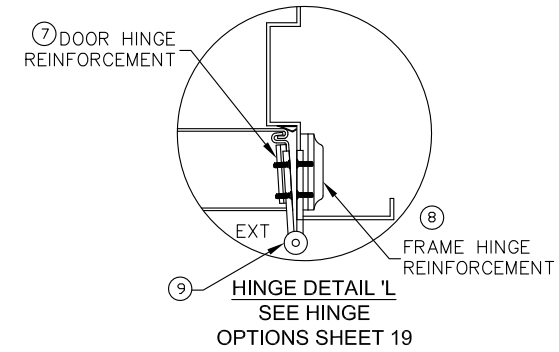
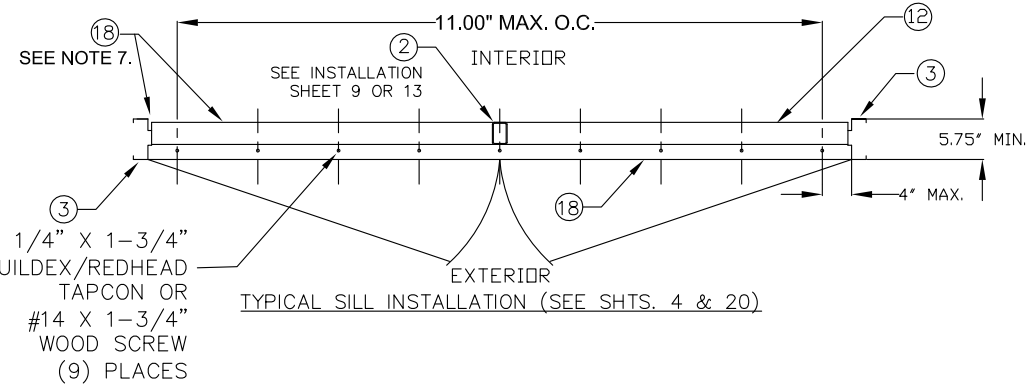
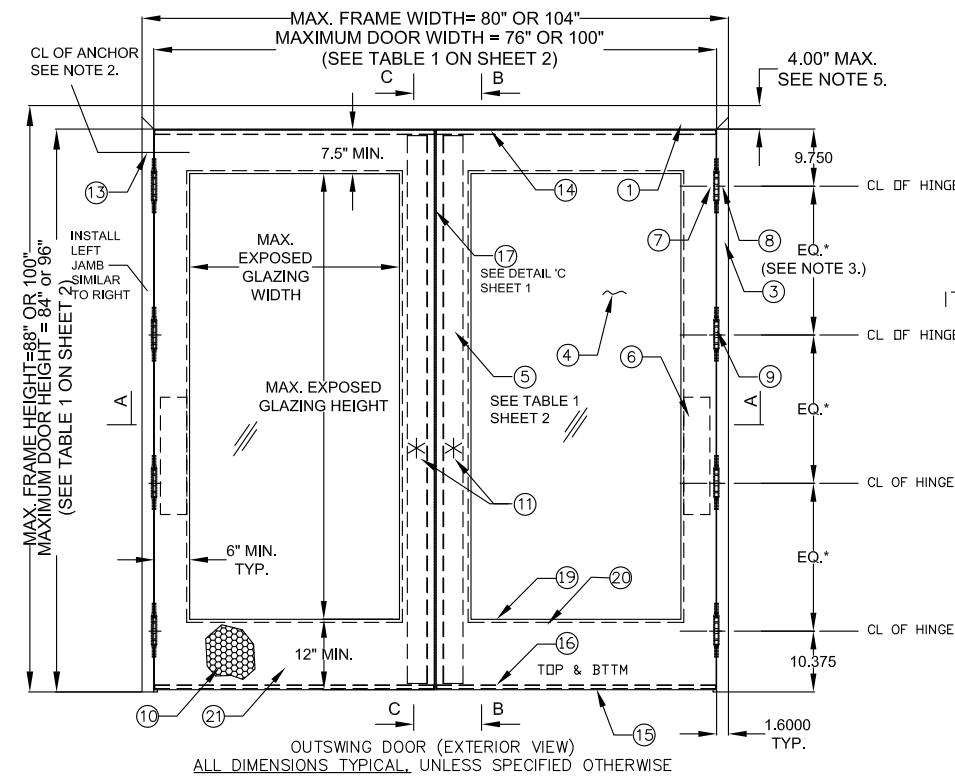
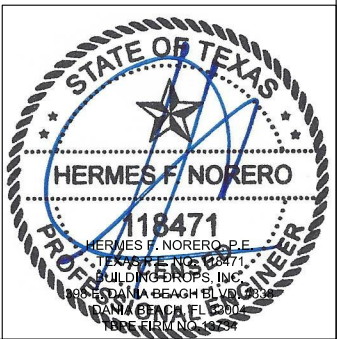
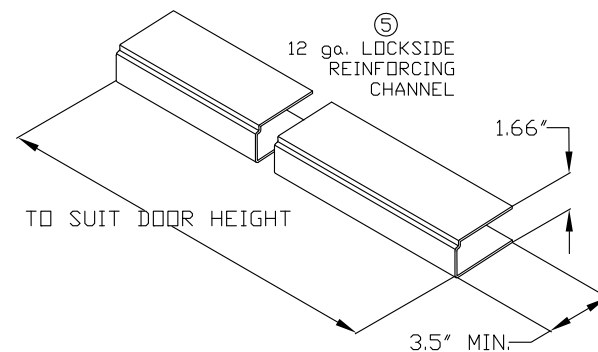
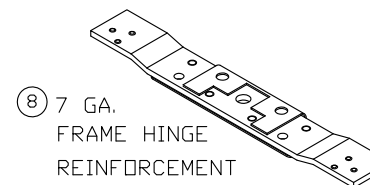
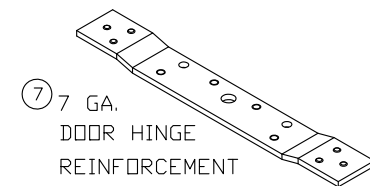


TABLE 2

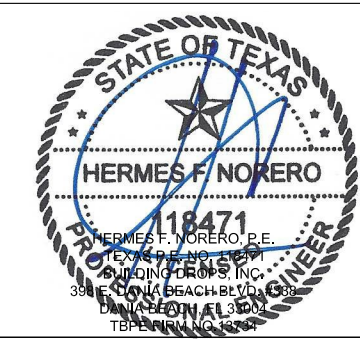
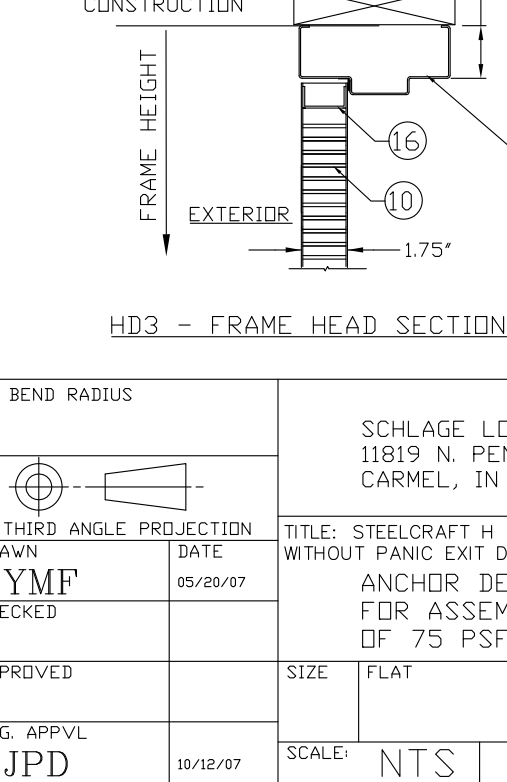
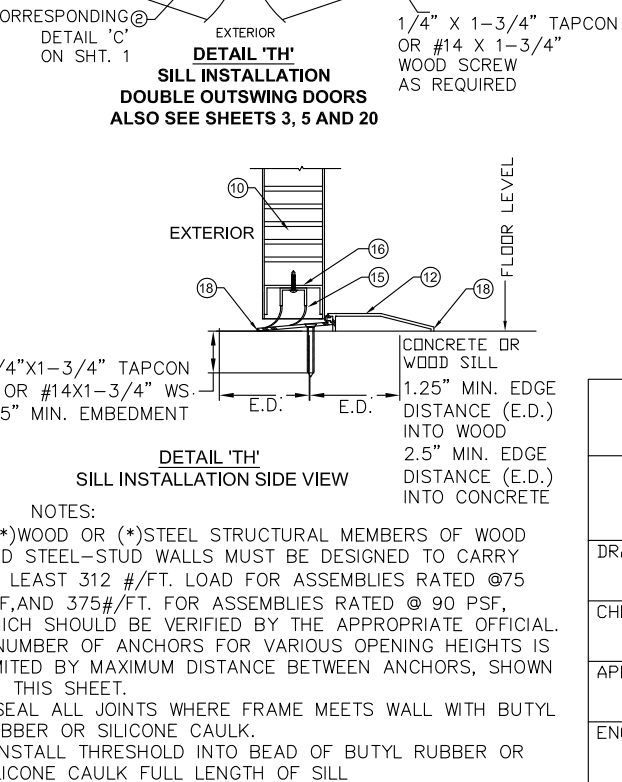
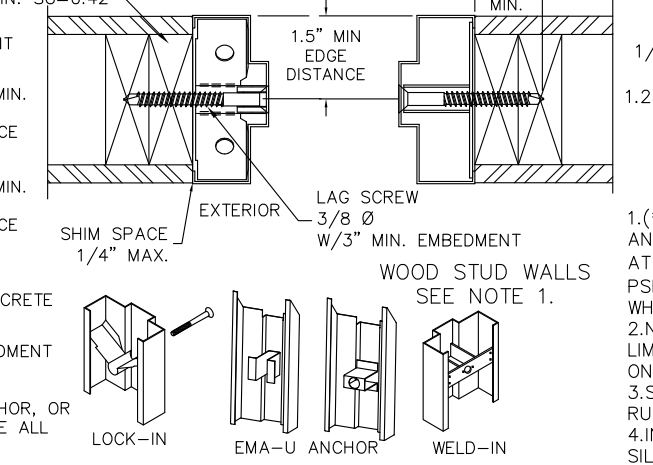
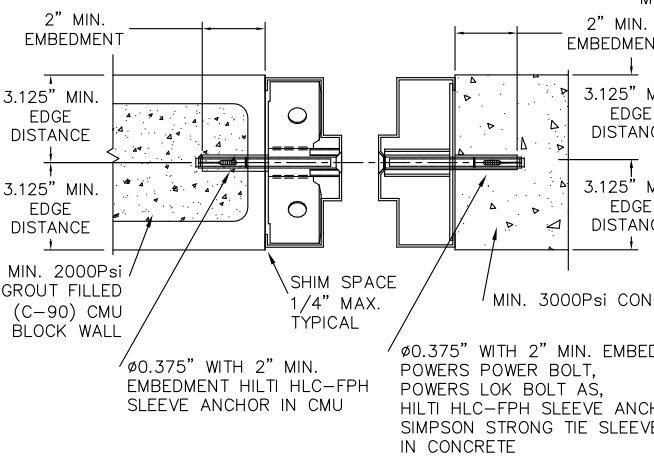
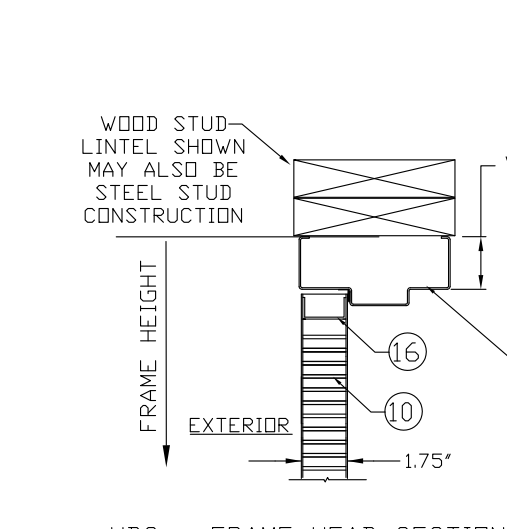
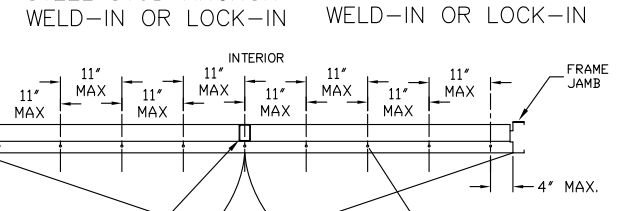
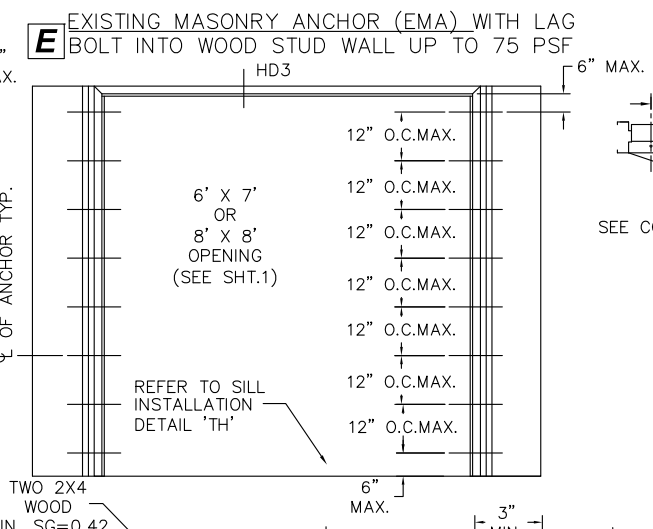
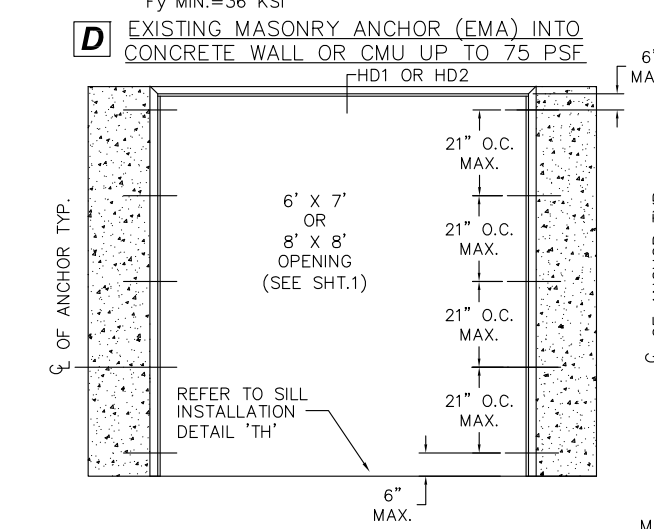
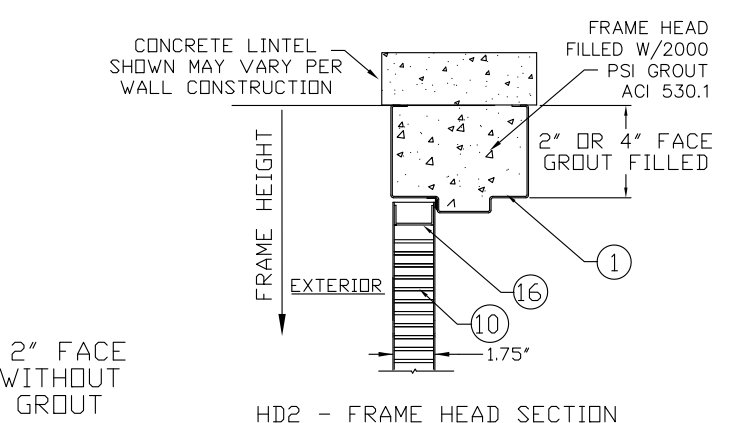
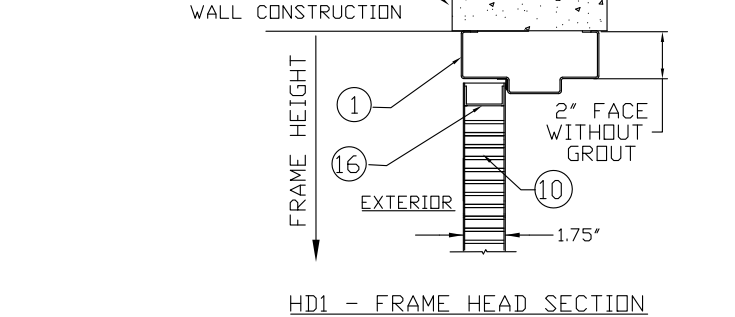
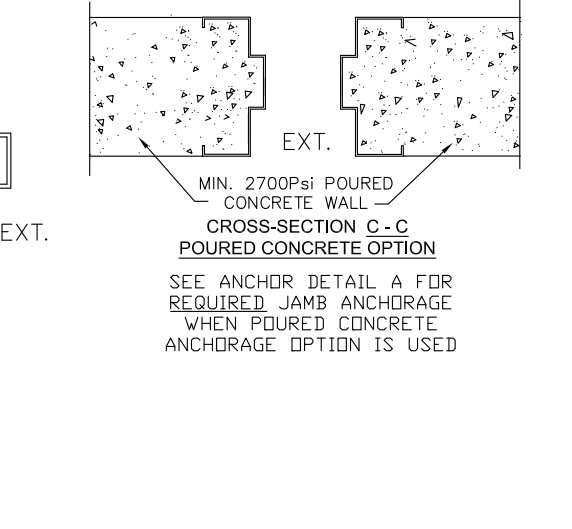
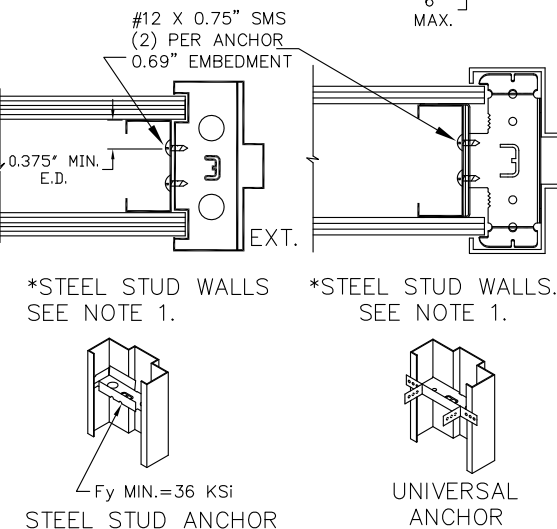
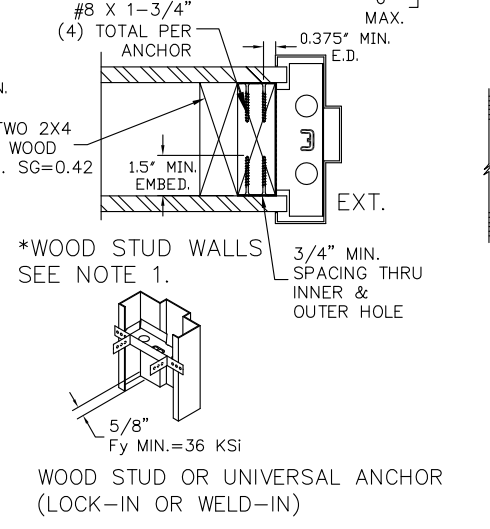
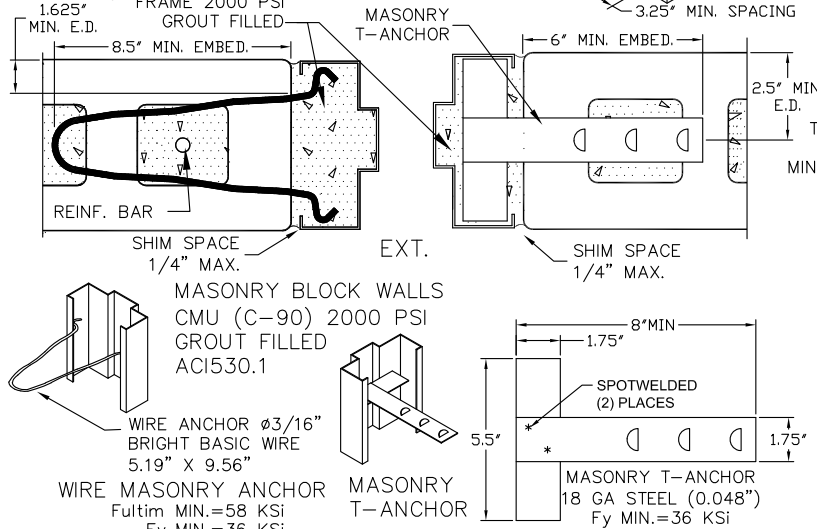
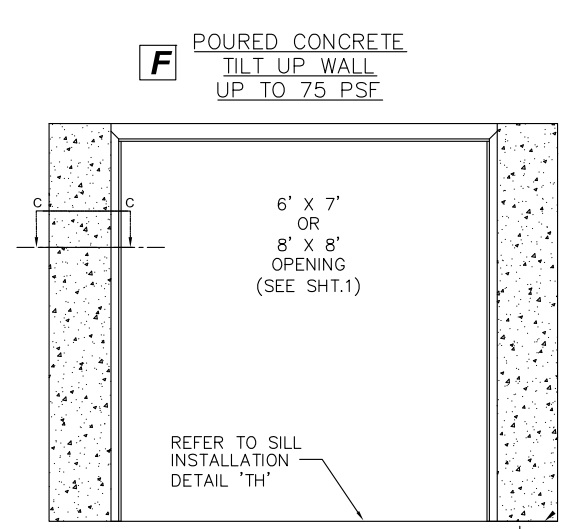
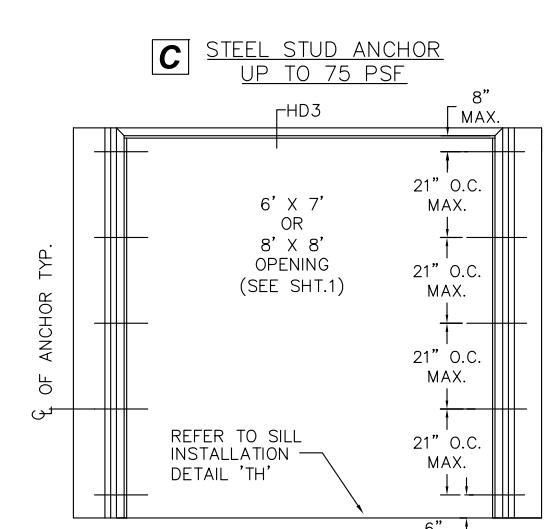
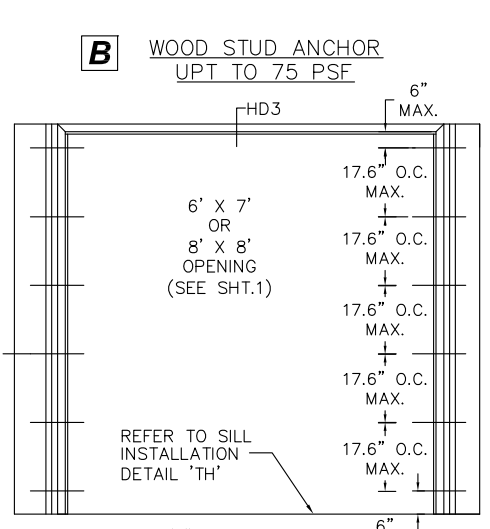
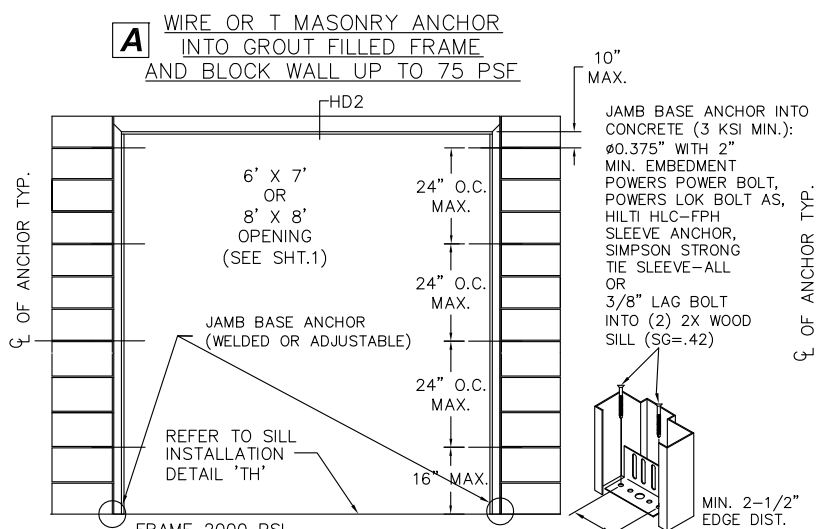
ITEM	QUANTITY	DESCRIPTION	MATERIAL	SIZE	SEE ELEVATION ON SHT. 1
1	1	HEAD SEE SHT 9 ASTM A366	.053\"/>		
2	1	VON DUPRIN HH9954 HDWE MULLION USED W/RIM HDWE	.312\"/>		
3	2	HINGE JAMB SEE SHT 9 ASTM A366	.053\"/>		
4	2	LEXAN BY SABIC INNOVATIVE PLASTICS	.25\"/>		
5	2	LAMINATED GLASS WITH KURARAY SENTRYGLAS INTERLAYER	.562\"/>		
6	2	LOCK SIDE REINFORCEMENT CHANNEL	.093\"/>		
7	NOTE 2.	HINGE SIDE PANIC REINFORCEMENT	.067\"/>		
8	NOTE 2.	HINGE REINFORCEMENT DOOR ASTM A621	.167\"/>		
9	NOTE 2.	HINGE REINFORCEMENT FRAME ASTM A621	.167\"/>		
10	NOTE 2.	4.5\"/>			
11	NOTE 2.	OPTIONAL CONTINUOUS HINGE (SEE SHT. 19)	.075\"/>		
12	2	CORE MATERIAL (SHEET 18): D) HONEYCOMB C) STEEL STIFFENED A & F) POLYSTYRENE B & F) POLYURETHANE/POLYISOCYANURATE E) MINERAL BOARD TEMPERATURE RISE CORE			
13	2	LOCKING HARDWARE - SEE SHEET 2 TABLE 1.			
14	1	THRESHOLD SILL W/BUMPER GASKET (SEE SHEETS 5, 6, 7 & 8)			
15	12A)	566 BY ZERO SHTS 5&6 WATER RATED 7&8 NON WATER	.125\"/>		
16	12B)	950A BY NGP SHT 6 WATER RATED SHT 8 NON WATER	.078\"/>		
17	12C)	65 BY ZERO SEE SHEETS 7&8 NON WATER RATED	.125\"/>		
18	12D)	568 BY ZERO SEE SHEETS 7&8 NON WATER RATED	.125\"/>		
19	NOTE 1.	JAMB ANCHOR ASTM A924	SEE SHEETS 4 & 20		
20	14A)	PSD74 DOOR SEAL STEELCRAFT	TPE		
21	14B)	188S, 14C)117S, 14D)8144S, 14E)8150S DOOR SEAL ZERO	SILICONE		
22	15	FAS-SEAL DOOR SWEEP	TPE	MAX. 48\"/>	
23	16	END CHANNEL ASTM A924 (14 GA - INVERTED)	TPE	.69\"/>	
24	17A)	328 SPLIT ASTRAGAL BY ZERO INT'L	SEE SHEETS 5, 6, 7 & 8		
25	17B)	137 SPLIT ASTRAGAL BY NGP	SEE SHEETS 5, 6, 7 & 8		
26	18	CAULK BUTYL RUBBER OR SILICONE	SEE SHEETS 5, 6, 7 & 8		
27	19	GLAZING HOLDING TRIM SEE SHEET 11	SEE SHEET 11		
28	19	#1) DEZIGNER TRIM		34.25\"/>	
29	19	#2) STEEL OVERLAPPING TRIM	.035\"/>		
30	19	#3) STEEL OVERLAPPING TRIM	.035\"/>		
31	19	#4) HIGH SECURITY VISION FRAME SG-10 BY ANEMOSTAT	.093\"/>		
32	20	CUTOUT REINFORCEMENT CHANNEL (18 GA)	.047\"/>		
33	21	DOOR SLAB (16 DR 14 GA)	SEE SHEET 9	3' X 7' DR 4' X 8' MAX.	
34	22	22A) 8150S DOOR SEAL BY ZERO INT'L SEE SHTS 5, 7 & 8	SILICONE		
35	22	22B) 188S DOOR SEAL BY ZERO INT'L SEE SHTS 6, 7, & 8	SILICONE		
36	23	202N DOOR SEAL BY NGP SEE SHEET 6	TPE	MAX. 84\"/>	
37	24	24A) 139 DOOR SWEEP BY ZERO INT'L SEE SHTS 5 & 6	TPE	MAX. 36\"/>	
38	24	24B) 328 DOOR SWEEP BY ZERO INT'L SEE SHTS 5, 6, & 7	TPE	MAX. 36\"/>	
39	24	24C) 200N DOOR SWEEP BY NGP SEE SHEET 6	TPE	MAX. 36\"/>	
40	25	25A) 475 ADJUSTABLE SEAL BY ZERO INT'L SEE SHEET 6	TPE	MAX. 84\"/>	
41	25	25B) 170N ADJUSTABLE SEAL BY NGP SEE SHEET 6	TPE	MAX. 84\"/>	
42	26	26A) 142 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 104\"/>	
43	26	26B) 11 RAIN DRIP BY ZERO INT'L	SEE SHTS 5 & 6	MAX. 36\"/>	
44	26	26C) 16A RAIN DRIP BY NGP	SEE SHEET 6	MAX. 36\"/>	
45	27	TOP CAP GALV. A60 ASTM A924	.020\"/>		
46	28	HOLLOW METAL MULLION	SEE SHEET 9	84\"/>	
47	29	IVES 360 12\"/>			

NOTES:

- ANCHOR REQUIREMENTS: SEE SHEETS 4 & 20 FOR APPROVED ANCHORS AND INSTALLATION
- HINGE REQUIREMENTS: 4.5\"/>
  - FOR DOOR OPENING UP TO 90\"/>
  - FOR DOOR OPENING OVER 90\"/>
  - STD LOCATIONS: 9.75\"/>
  - 10.38\"/>
  - SPACED IN BETWEEN. HINGE LOCATIONS MAY VARY, MAX SPACING NOT TO EXCEED 35.5\"/>
- SEE SHEET 19 FOR APPROVED CONTINUOUS HINGE MODELS
- SEE SHEETS 1, 2 & 9 FOR AVAILABLE STANDARD OPENING SIZES AND SPECIFICATIONS.
- HARDWARE INSTALLATION AS PER MANUFACTURER'S INSTRUCTIONS.
- 4\"/>
- APPLY CAULK TO FULL LENGTH OF SILL AND ENTIRE PERIMETER OF FRAME SEE SHEETS 4-8 AND 20.
- WEATERSTRIPPING
  - WHEN WATER INFILTRATION IS REQUIRED INSTALL PER SHEETS 5 AND 6 AS APPLICABLE
  - WHEN WATER INFILTRATION IS NOT REQUIRED INSTALL PER SHEETS 7 AND 8 AS APPLICABLE
- SEE SHEET 16 FOR SECTION A-A, SEE SHEET 17 FOR SECTIONS B-B AND C-C.
- INSTALL REINFORCEMENT CHANNELS (ITEM #20) AROUND EACH LITE-CUTOUT.
- ELECTRICAL INSTALLATION AND FIRE RATINGS ARE UNDER SEPARATE APPROVAL AND MUST BE REVIEWED BY CORRESPONDING AUTHORITY.
- OPTIONAL POWER TRANSFERS, AND/OR "SIGNAL SWITCH" MAY BE USED AS ALLOWED BY CODE AND IT DOES NOT EFFECT THE MECHANICAL PROPERTIES OF EXIT DEVICE AND/OR INHIBIT EGRESS.
- SILL SHALL BE ANCHORED PER INSTALLATION DETAIL ON THIS SHEET AND SHEETS 4 & 20.
- GASKETING QUANTITY WILL INCREASE WHEN USED WITH HOLLOW METAL MULLION. SEE SHTS 5-8 FOR DETAILS.



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	H-SERIES GLASS DOUBLE DOORS OUTSWING CONFIGURATIONS	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE NTS	REV B 1-9-20
ENG. APPVL JPD	11/15/07	AUTOCAD	SHEET 3 OF 20



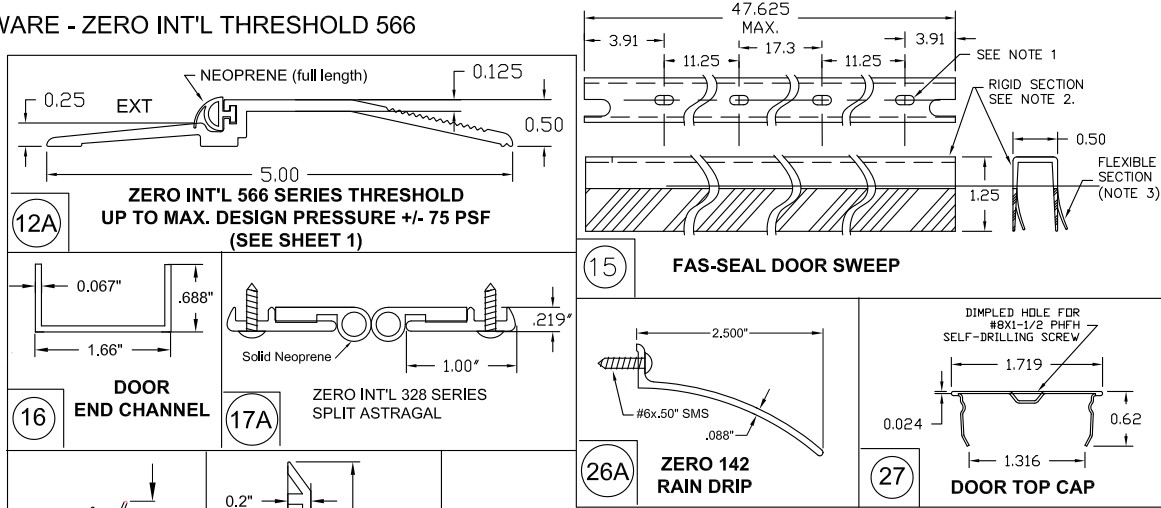
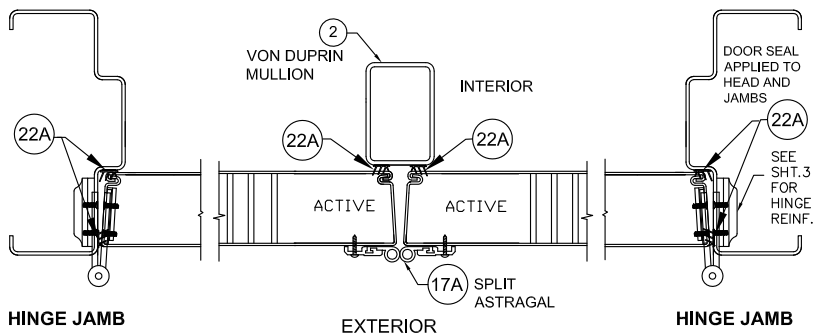
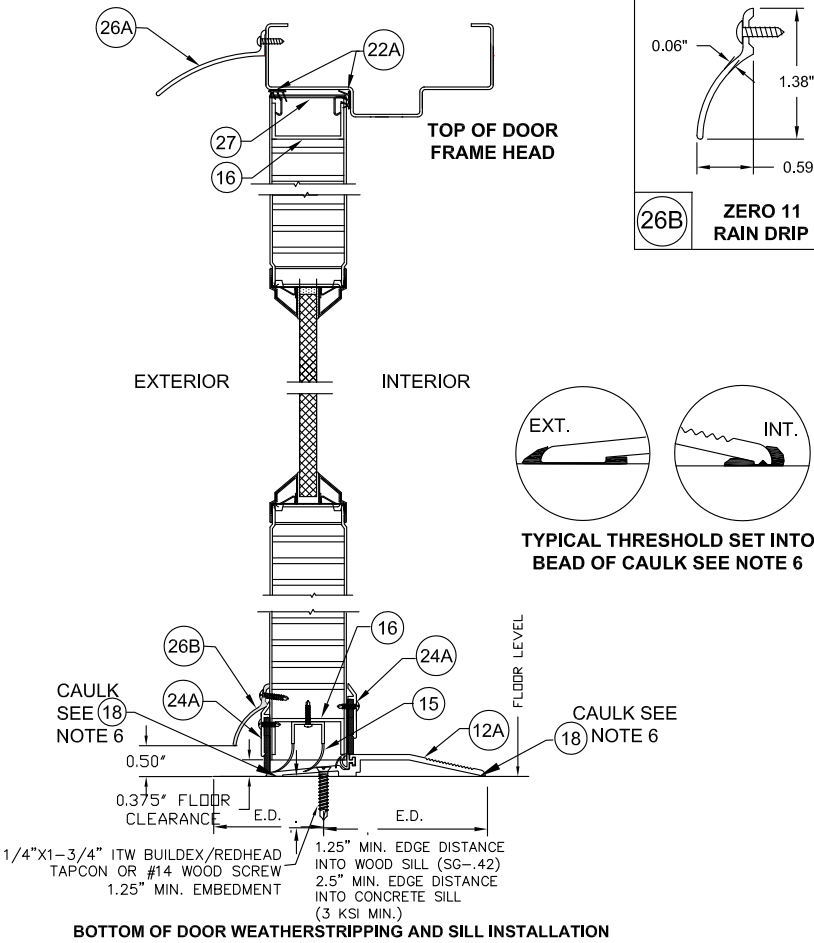
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING OF 75 PSF OR LESS	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	10/12/07	AUTOCAD	SHEET 4 OF 20

**TABLE 3.1 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566**

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17A	328 SPLIT ASTRAGAL	ZERO INT'L
22A	8150S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L
27	DOOR TOP CAP	STEELCRAFT

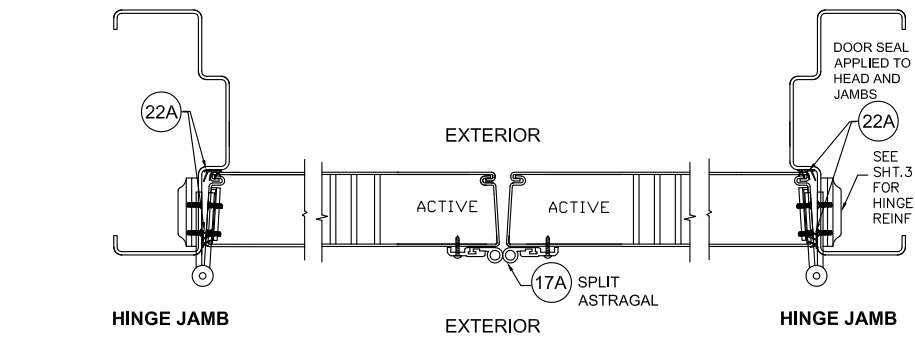
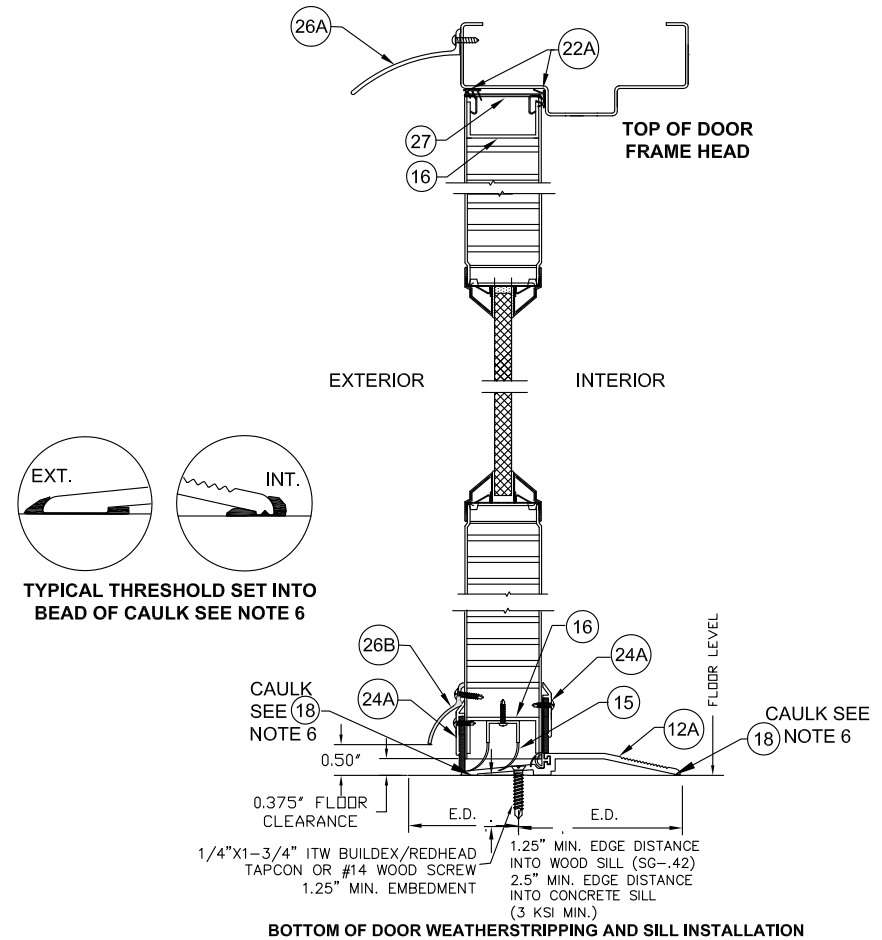
**ZERO INT'L 566 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF - (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)**



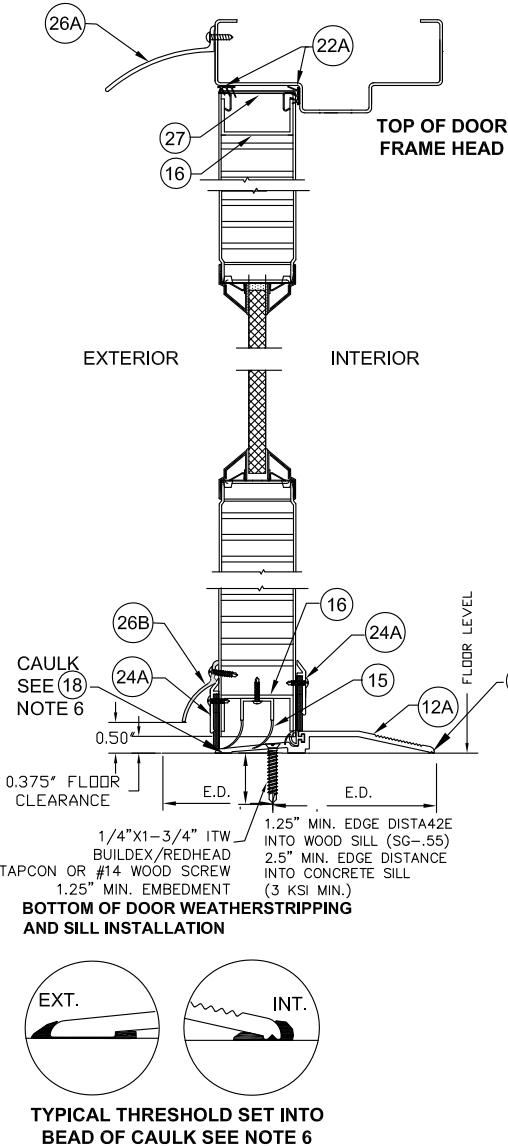
**ZERO INT'L 566 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF - (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)**

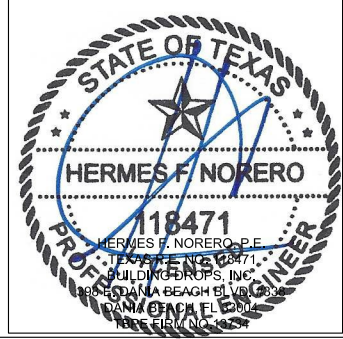
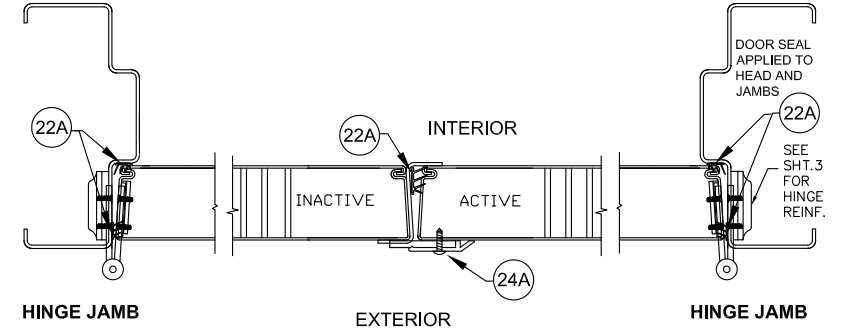


**ZERO INT'L 566 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF - (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)**



- NOTES:**
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
  2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
  3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
  4. FAS-SEAL DOOR SWEEP (15), AND THRESHOLD (12A) ARE REQUIRED FOR ALL INSTALLATIONS.
  5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
  6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL



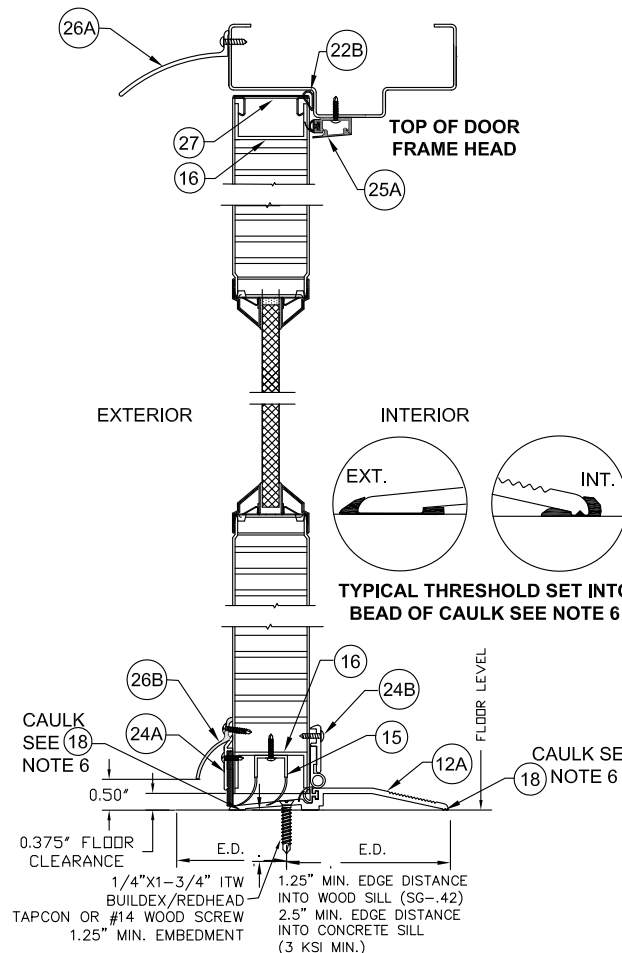
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		REV B	1-9-20
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD
		SHEET	5 of 20

**TABLE 3.2 WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLD 566**

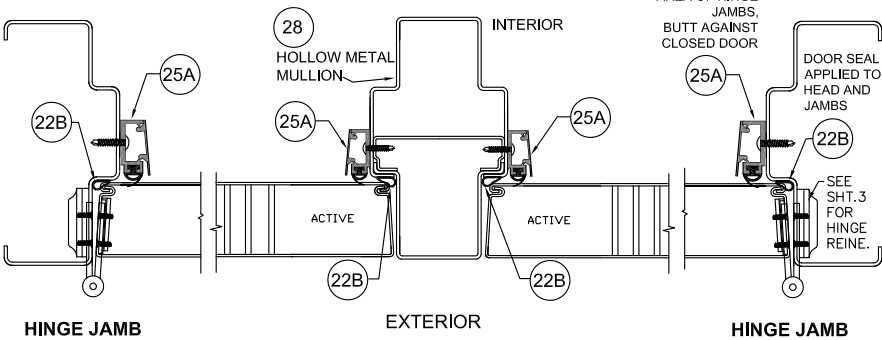
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12A	566 THRESHOLD	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
22B	188S DOOR SEAL	ZERO INT'L
24A	139 DOOR SWEEP	ZERO INT'L
24B	328 DOOR SWEEP	ZERO INT'L
25A	475 ADJUSTABLE SEAL	ZERO INT'L
26A	142 RAIN DRIP	ZERO INT'L
26B	11 RAIN DRIP	ZERO INT'L
27	DOOR TOP CAP	STEELCRAFT

**ZERO INT'L 566 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF - (SEE ELEVATIONS SHEET 1)**

**FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)**



**BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION**

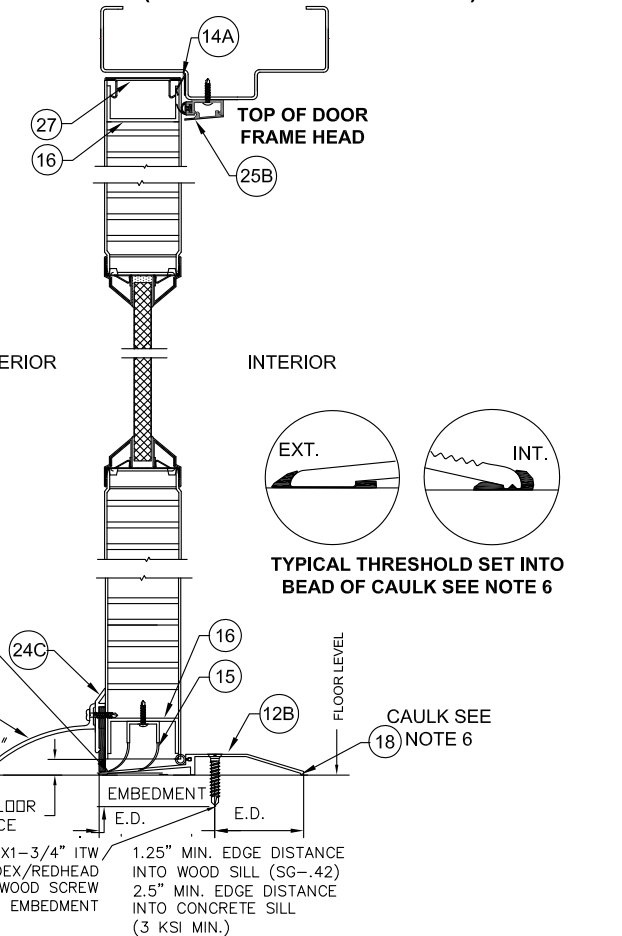


**TABLE 3.3 WATER RATED PERIMETER SEAL HARDWARE - NGP THRESHOLD 950**

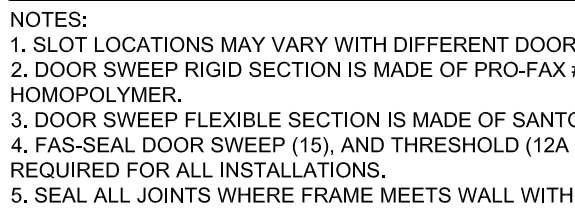
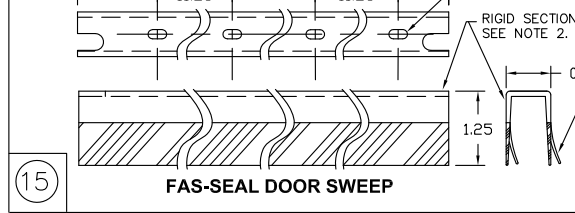
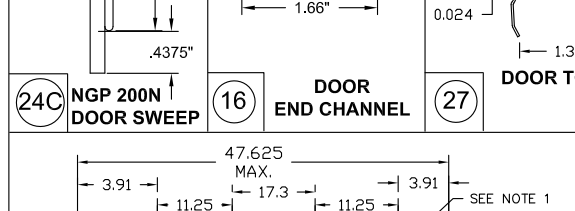
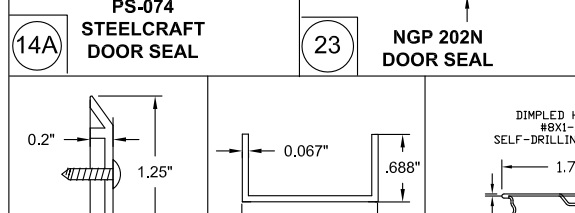
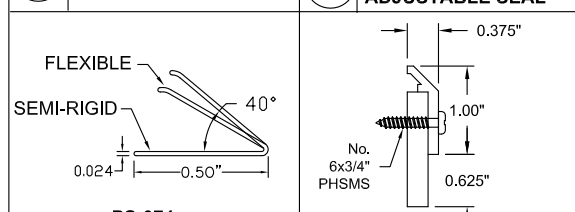
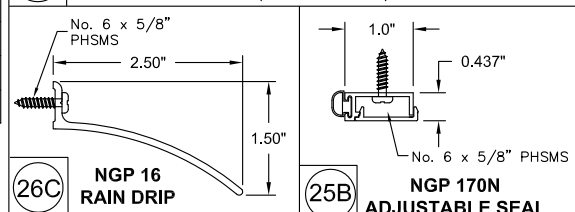
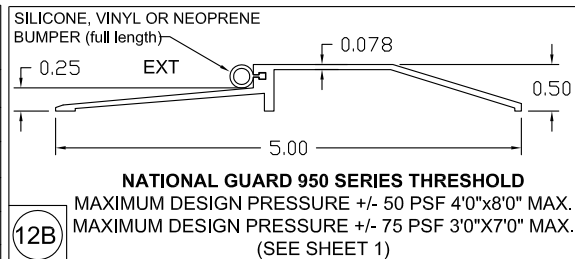
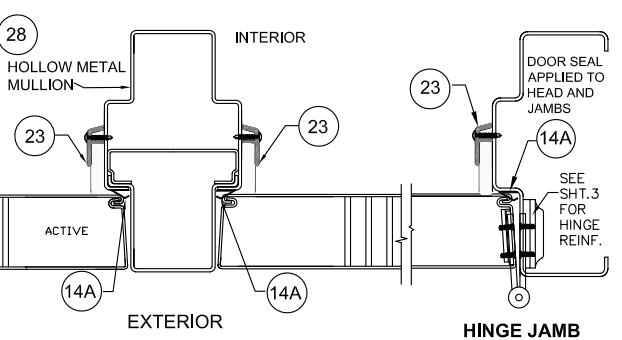
ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
14A	PS074 DOOR SEAL	STEELCRAFT
23	202N DOOR SEAL	NGP
24C	200N DOOR SWEEP	NGP
25B	170N ADJUSTABLE SEAL	NGP
26C	16A RAIN DRIP	NGP
27	DOOR TOP CAP	STEELCRAFT

**NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS FOR WATER INFILTRATION - MAXIMUM DESIGN PRESSURE RATING 75PSF FOR MAXIMUM DOOR SIZE OF 3'-0" X 7'-0" MAXIMUM DESIGN PRESSURE 50 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)**

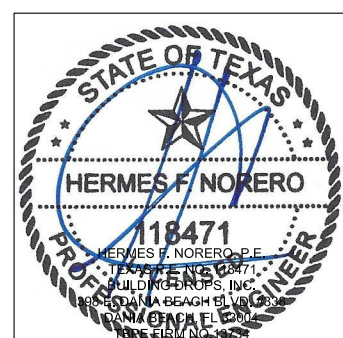
**FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)**



**BOTTOM OF DOOR WEATHERSTRIPPING AND SILL INSTALLATION**



- NOTES:**
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
  2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
  3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
  4. FAS-SEAL DOOR SWEEP (15), AND THRESHOLD (12A OR 12B) AS APPLICABLE ARE REQUIRED FOR ALL INSTALLATIONS.
  5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
  6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL

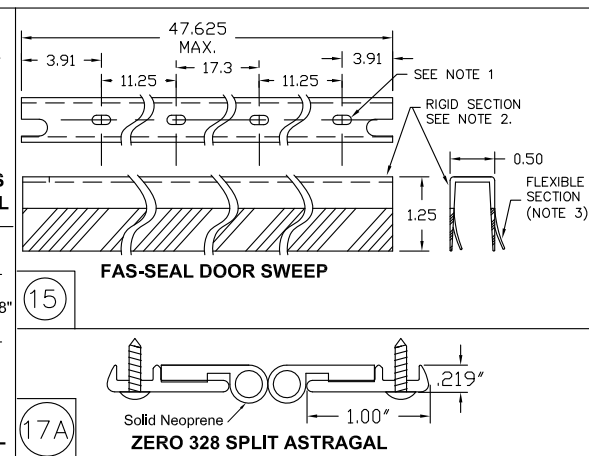
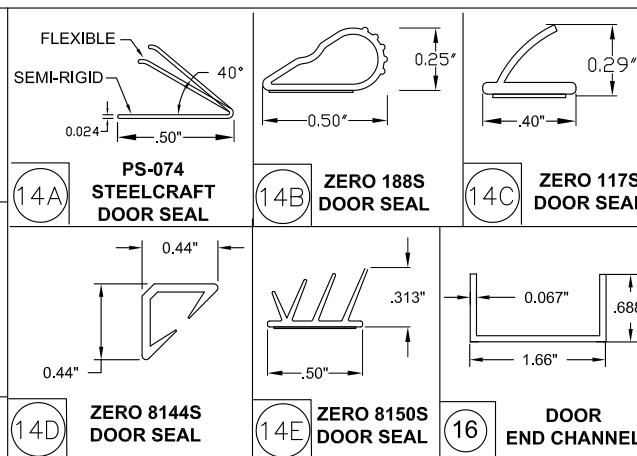
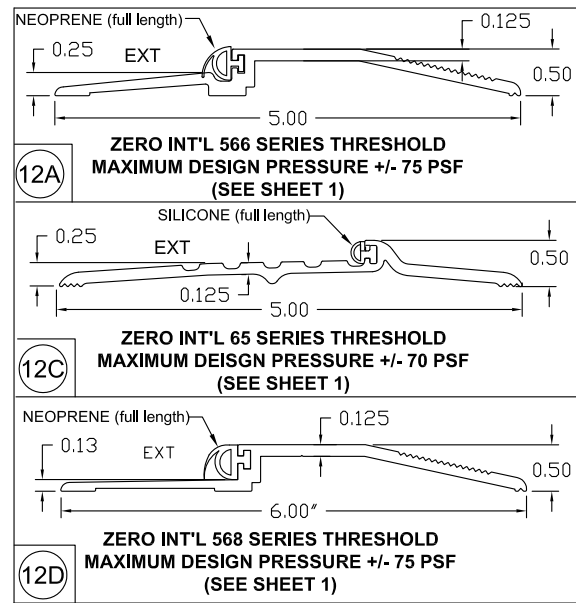


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS REQUIRED	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	10/11/07	AUTOCAD	SHEET 6 of 20

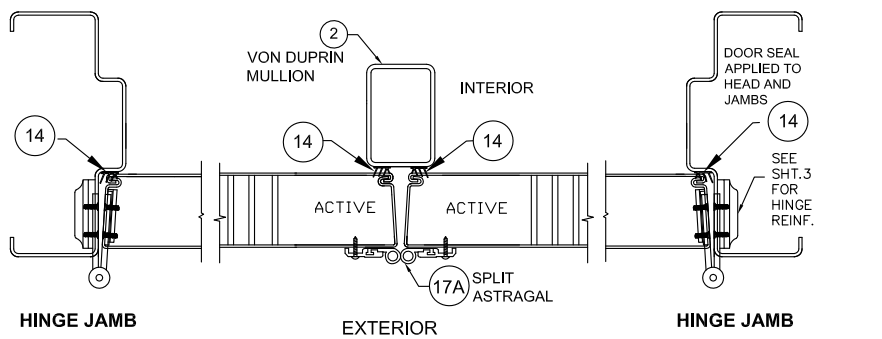
**TABLE 4.1 NON WATER RATED PERIMETER SEAL HARDWARE - ZERO INT'L THRESHOLDS**

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12	12A 566 THRESHOLD	ZERO INT'L
	12C 65 THRESHOLD	ZERO INT'L
	12D 568 THRESHOLD	ZERO INT'L
14	14A PS074 DOOR SEAL	STEELCRAFT
	14B 188S DOOR SEAL	ZERO INT'L
	14C 117S DOOR SEAL	ZERO INT'L
	14D 8144S DOOR SEAL	ZERO INT'L
	14E 8150S DOOR SEAL	ZERO INT'L
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17A	328 SPLIT ASTRAGAL	ZERO INT'L

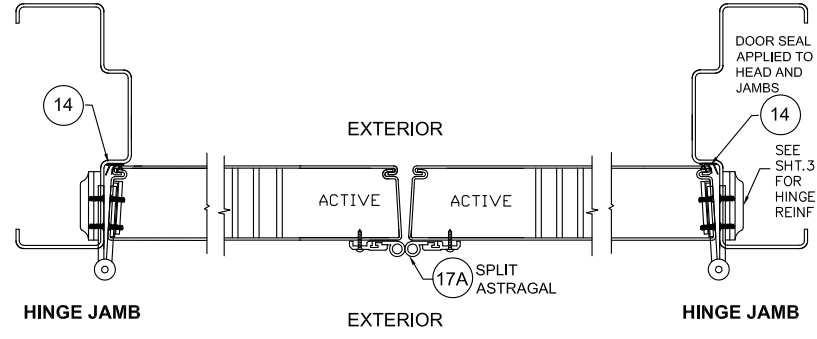
**ZERO INT'L 566 AND 568 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED**  
**MAXIMUM DESIGN PRESSURE RATING 75 PSF.**  
**EXCEPT CONFIGURATION 10 LIMITED TO 70 PSF**  
**ZERO INT'L 65 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED**  
**MAXIMUM DESIGN PRESSURE RATING 70 PSF**  
**MAXIMUM DOOR SIZE 4'-0" X 8'-0".**  
**(SEE ELEVATIONS SHEET 1)**



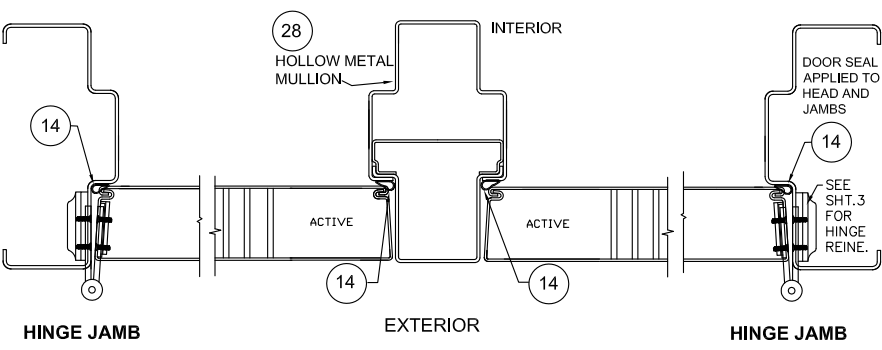
**FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)**



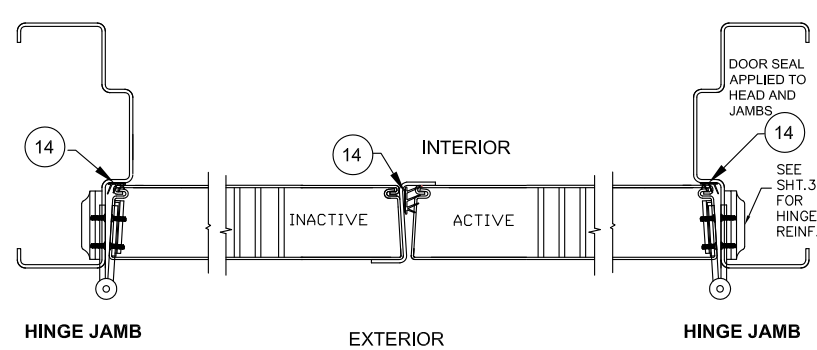
**FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)**



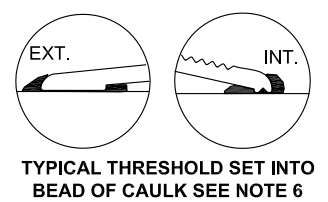
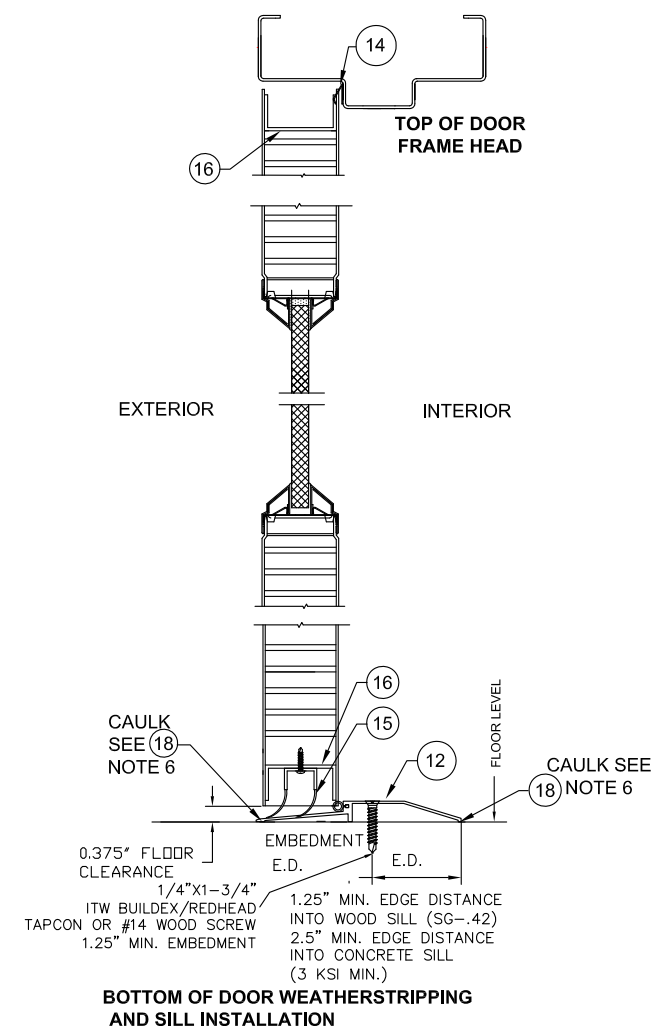
**FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)**



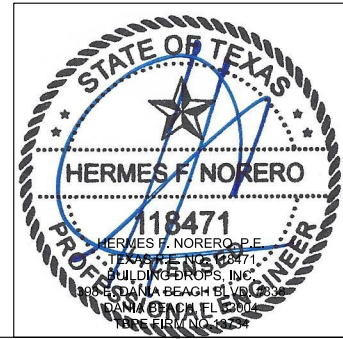
**FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)**



**ALL CONFIGURATIONS**



- NOTES:**
1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
  2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
  3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
  4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A, 14B, 14C, 14D, 14E) AND THRESHOLD (12A, 12C, 12D) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
  5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
  6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL

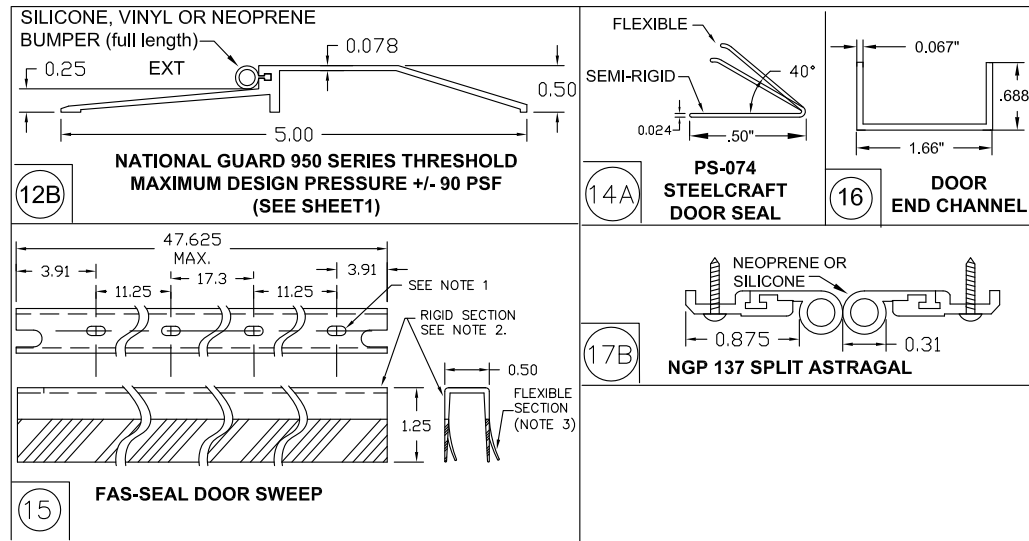


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER SEAL ZERO INT'L HARDWARE APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED	
APPROVED		SIZE FLAT	DWG NO. IRGD07-T
ENG. APPVL JPD	10/11/07	SCALE: NTS	REV B 1-9-20
		AUTOCAD	SHEET 7 of 20

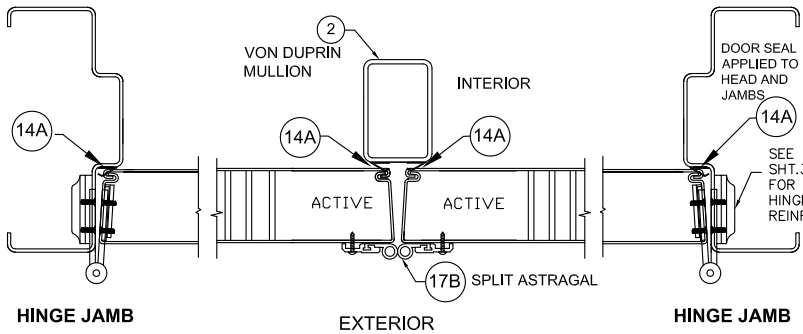
**TABLE 4.2 PERIMETER SEAL HARDWARE - NGP THRESHOLD**

ITEM NUMBER	MODEL No./ DESCRIPTION	MFG.
12B	950 THRESHOLD	NGP
14A	PS074 DOOR SEAL	STEELCRAFT
15	FAS-SEAL SWEEP	STEELCRAFT
16	END CHANNEL	STEELCRAFT
17B	137 SPLIT ASTRAGAL	NGP

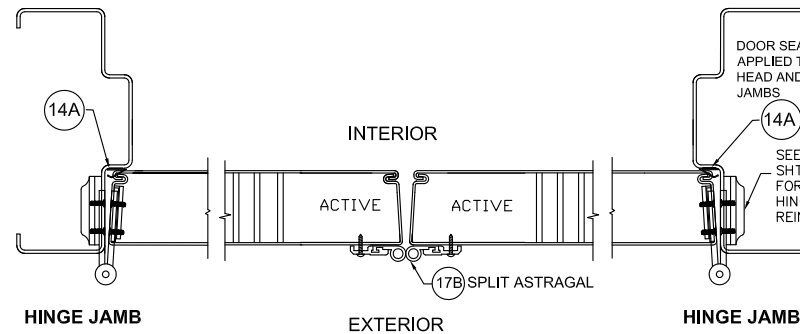
**NGP 950 THRESHOLD GASKETING SYSTEM REQUIREMENTS WHEN WATER INFILTRATION IS NOT REQUIRED - MAXIMUM DESIGN PRESSURE 90 PSF FOR MAXIMUM DOOR SIZE OF 4'-0" X 8'-0" (SEE ELEVATIONS SHEET 1)**



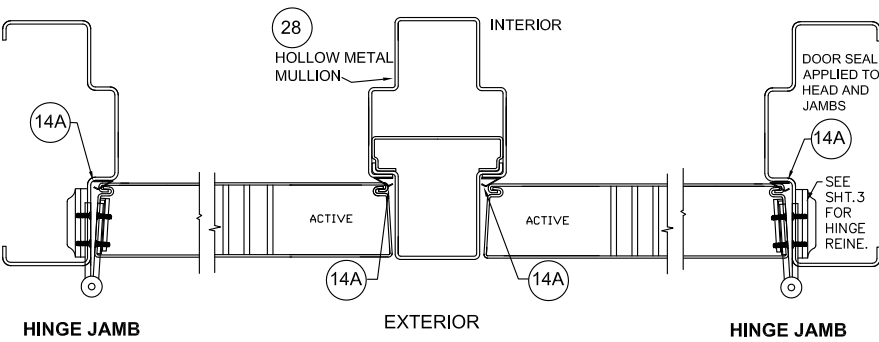
**FOR CONFIGURATIONS: 1, 2, 3A, 3B, 6 & 8 (SEE ELEVATIONS SHEET 1)**



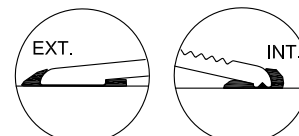
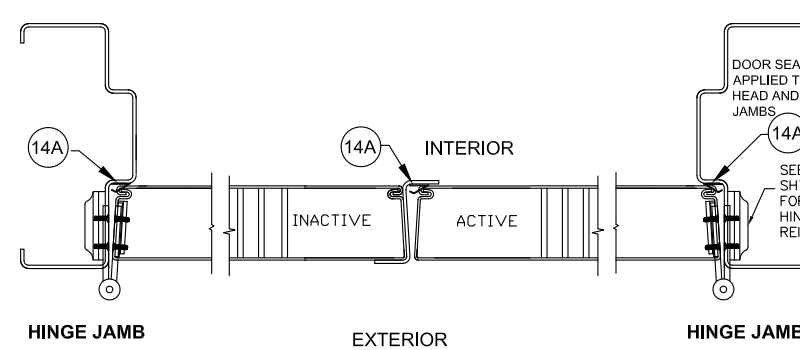
**FOR CONFIGURATIONS: 4 & 5 (SEE ELEVATIONS SHEET 1)**



**FOR CONFIGURATIONS: 7 & 9 (SEE ELEVATIONS SHEET 1)**

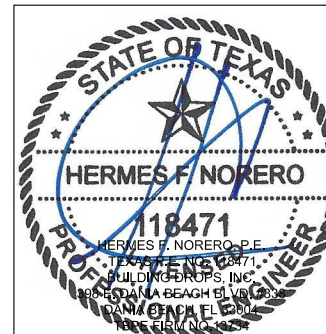
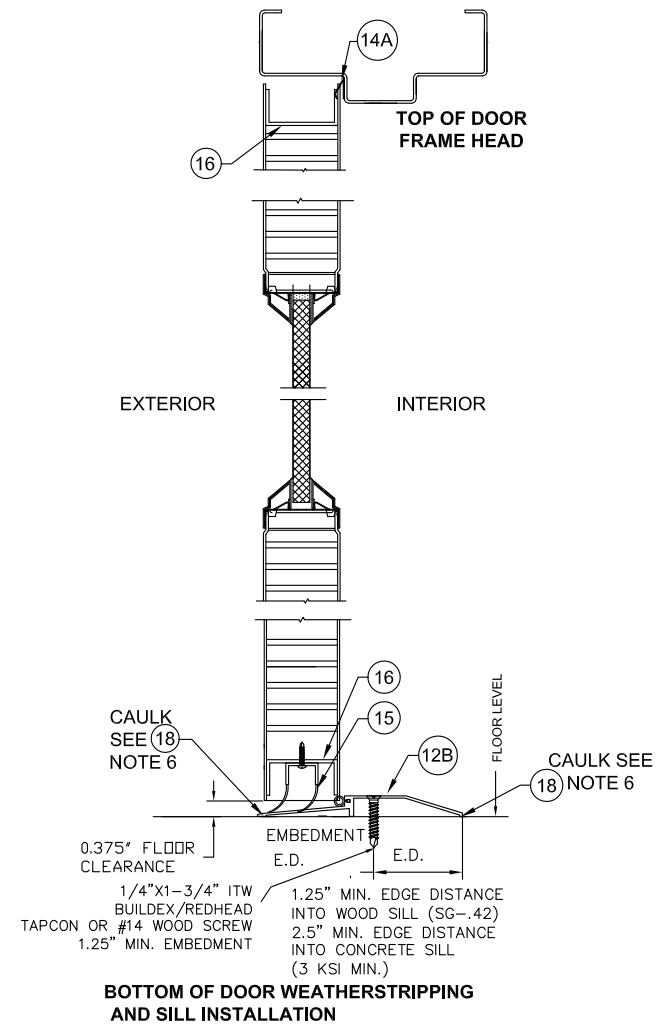


**FOR CONFIGURATIONS: 10 & 11 (SEE ELEVATIONS SHEET 1)**



**TYPICAL THRESHOLD SET INTO BEAD OF CAULK SEE NOTE 6**

**ALL CONFIGURATIONS**

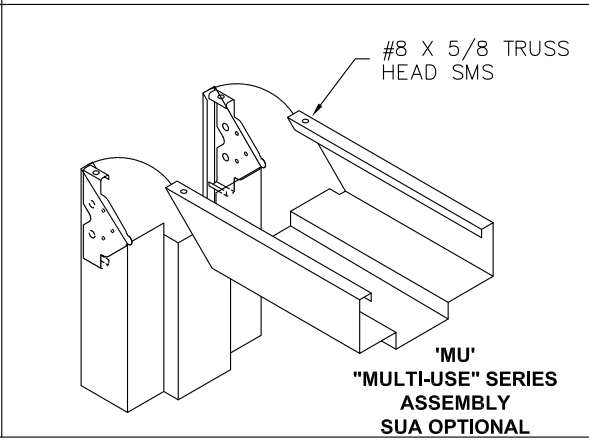
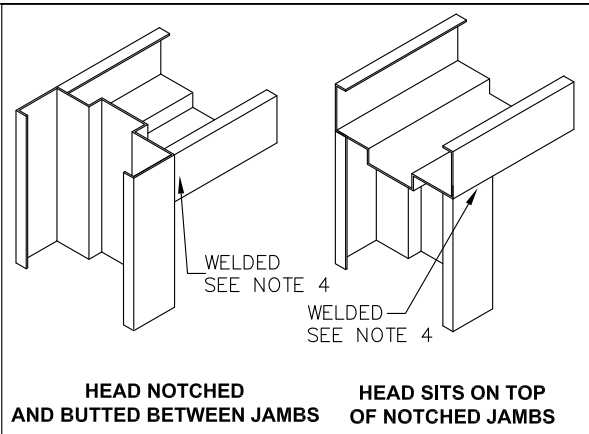
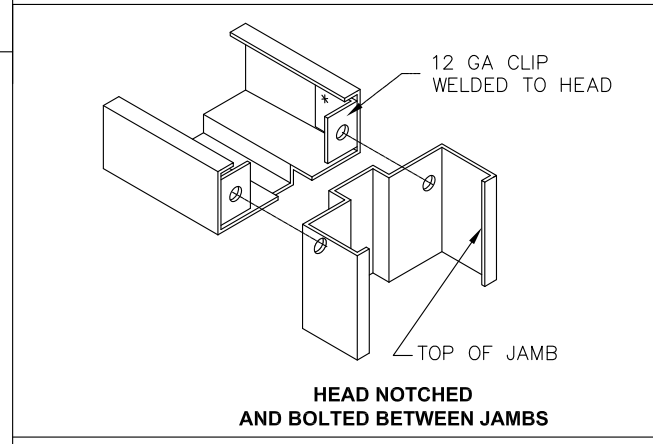
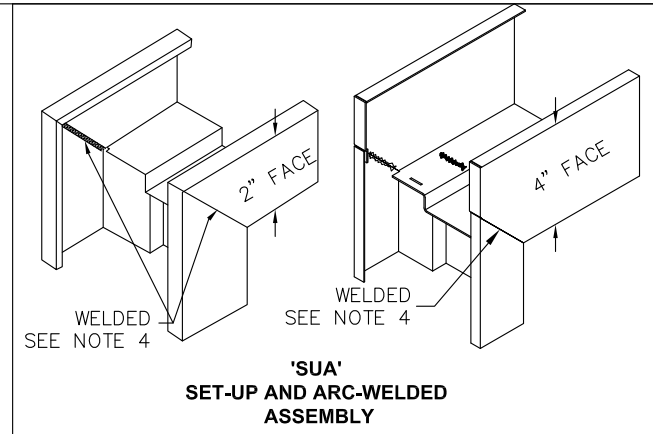
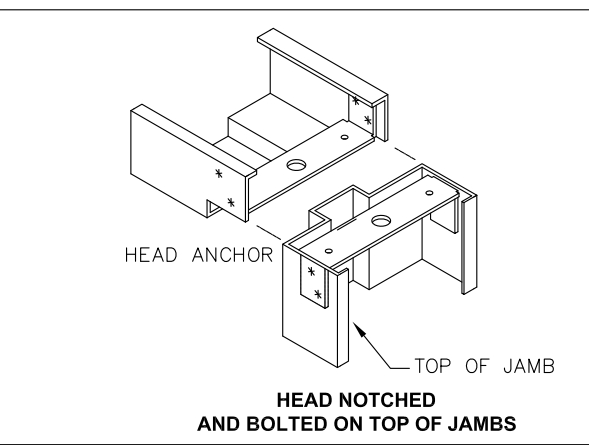
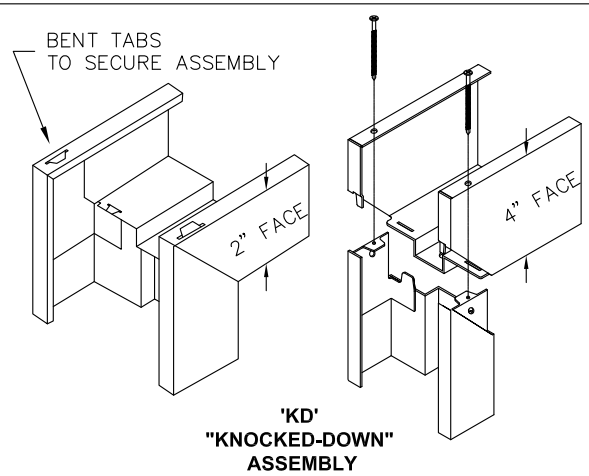


**NOTES:**

1. SLOT LOCATIONS MAY VARY WITH DIFFERENT DOOR WIDTH.
2. DOOR SWEEP RIGID SECTION IS MADE OF PRO-FAX #PD-199 POLYPROPYLENE HOMOPOLYMER.
3. DOOR SWEEP FLEXIBLE SECTION IS MADE OF SANTOPRENE #101-73
4. FAS-SEAL DOOR SWEEP (15), DOOR SEAL (14A) AND THRESHOLD (12B) AS APPLICABLE, ARE REQUIRED FOR ALL INSTALLATIONS.
5. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK
6. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL

BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE GLAZED OUTSWING COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	DOUBLE GLAZED DOOR PERIMETER NGP SEAL HARDWARE APPROVED WHERE WATER INFILTRATION IS NOT REQUIRED	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		REV B	1-9-20
ENG. APPVL JPD	10/11/07	SCALE: NTS	AUTOCAD SHEET 8 of 20





**NOTES:**

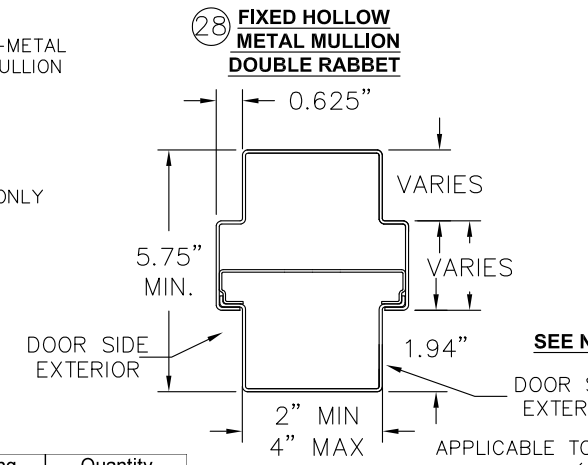
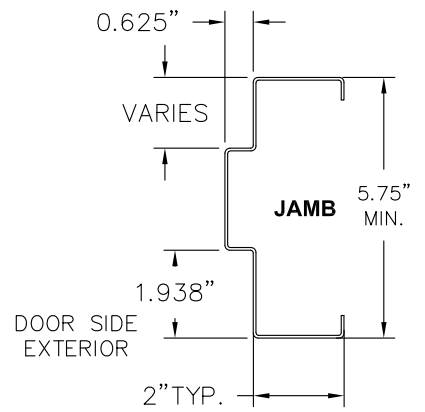
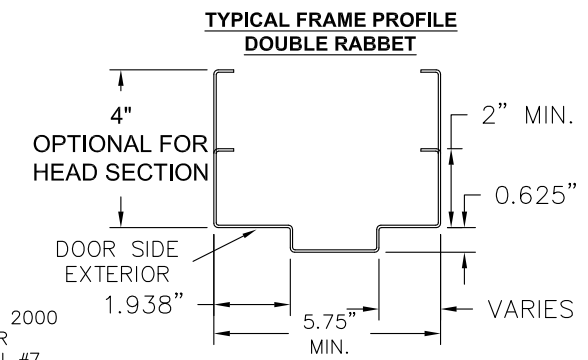
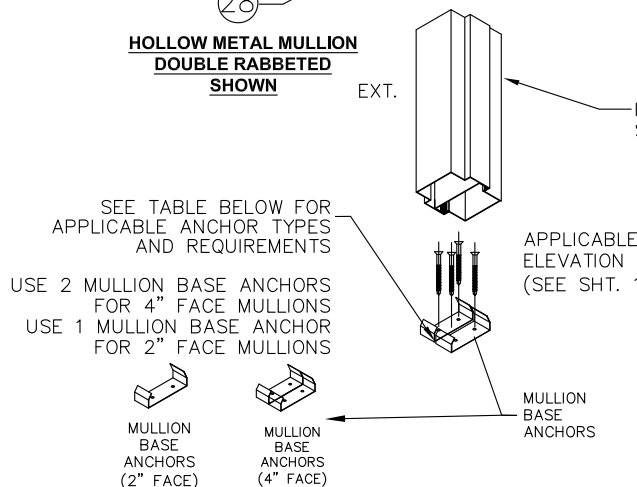
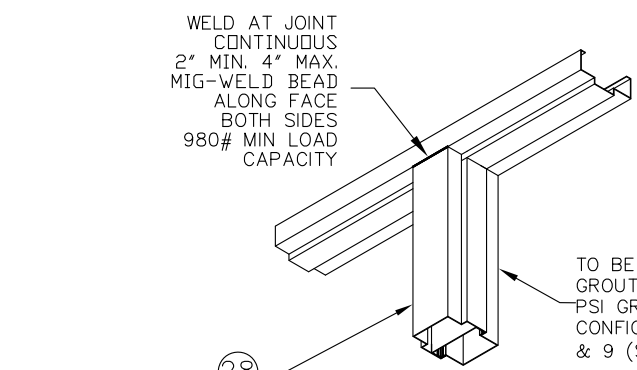
1. DOOR CONSTRUCTION
  - 1.1. NOMINAL DOOR THICKNESS - 1 3/4"
  - 1.2. DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER (SEE SHEET 2 FOR AVAILABLE HARDWARE)
2. FRAME CONSTRUCTION
  - 2.1. MINIMUM JAMB DEPTH - 5 3/4", STOP HEIGHT - 5/8"
  - 2.2. FRAMES AVAILABLE AS FLUSH (F-SERIES) AND MULT-USE (MU-SERIES) (SEE TABLE 6)
  3. FOR MATERIAL SPECIFICATIONS REFERENCE SEE TABLE 7.
  4. CONTINUOUS BACK WELD WITH FULL PENETRATION TO FACE SEAM, GRIND, SMOOTH, PRIME, & PAINT. WELD CLASSIFICATION - E70XX.

TABLE 6. AVAILABLE STEELCRAFT FRAME CONFIGURATIONS

FRAME SERIES	JAMB DEPTH	MAX. OPENING SIZE		MATERIAL	
		WIDTH	HEIGHT	DESCR.	GA./MIN. THK
F	5.75" MIN.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067" 12/.099"
				STAINLESS STEEL	16/.053"
MU	5.75" MIN.	8'0"	8'0"	CRS/HRS GALV	16/.053" 14/.067"

TABLE 5. AVAILABLE STEELCRAFT DOOR CONFIGURATIONS

CORE MATERIAL PER SHT.18	MAXIMUM OPENING SIZE		SKIN MATERIAL	
	WIDTH	HEIGHT	DESCR.	GA./MIN. THK
HONEYCOMB POLYSTYRENE POLYURETHANE (POLYISOCYANURATE) TEMPERATURE RISE STEEL STIFFENED	VARIES SEE SHEET 2 TABLE 1		CRS GALV	16/.053" 14/.067"
HONEYCOMB POLYSTYRENE POLYURETHANE	VARIES SEE SHEET 2 TABLE 1		STAINLESS STEEL	16/.053"



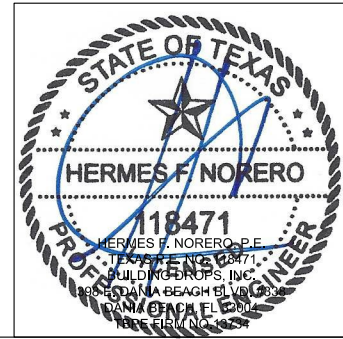
**SEE NOTE 4.**

HOLLOW MULLION MATERIAL: MINIMUM THICKNESS IS 0.053" (16 Ga.)  
 MINIMUM YIELD STRENGTH = 41,500 PSI  
 MINIMUM TENSILE STRENGTH = 52,400 PSI

Anchor	Embedment	Edge Distance	Conc. Strength	Spacing	Quantity
Elco 5/16" Ultracon	2"	3.75"	3515 psi	3-3/8" Thru Base Anchor	2 per Base Anchor (2 for 2" Face 4 for 4" Face)
Powers 3/8" Power-Bolt	2"		3000 psi		
Powers 3/8" Lok Bolt AS	1-1/4"				
Hilti 3/8" Kwik Bolt 3	1-5/8"				
Dewalt 3/8" Screw-Bolt+	2"				

TABLE 7. STEEL MECHANICAL PROPERTIES

MATERIAL	ASTM REF.	YIELD KSi		TENSILE KSi	
		MIN.	MAX.	MIN.	MAX.
CRS	A366				
HRS	A1011	MIN. 41.5		MIN. 52.4	
GALV: A60	A924				
SS: 304,316	A240	MIN. 41.5		MIN. 73.2	

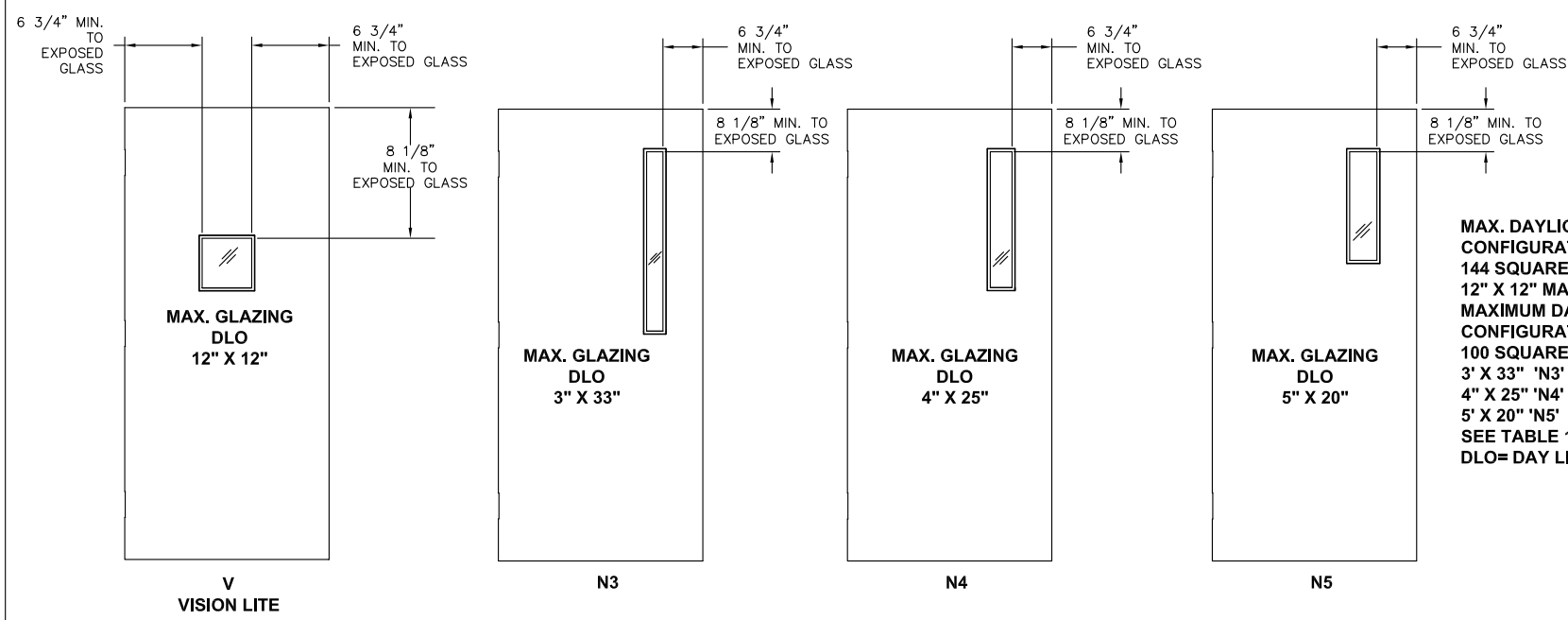
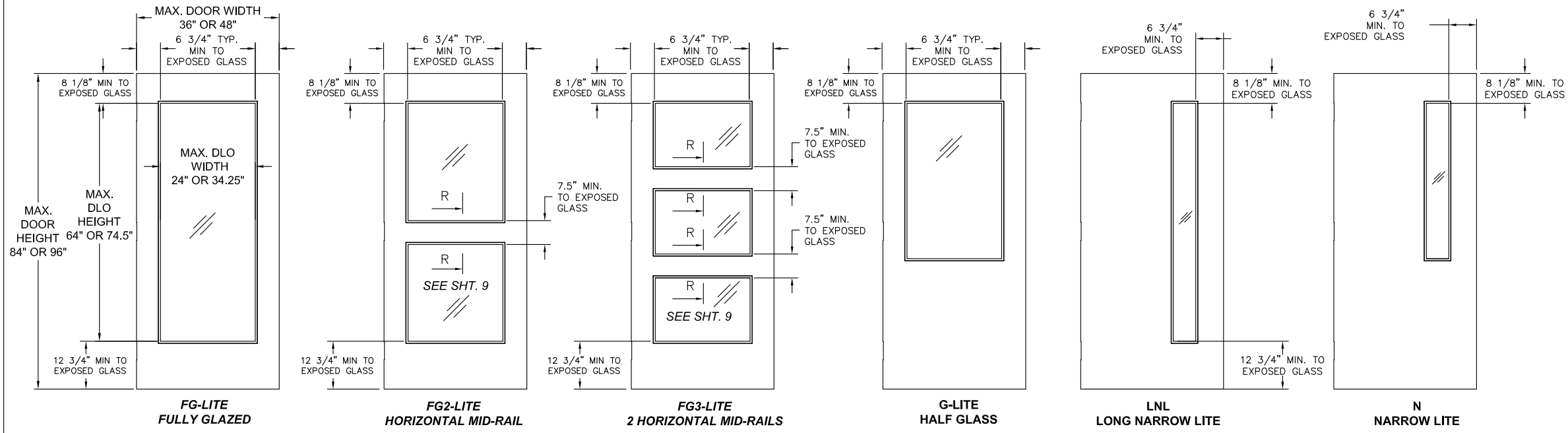


BEND RADIUS	MULLION BASE ANCHORS
THIRD ANGLE PROJECTION	
DRAWN YMF	DATE 05/20/07
CHECKED	
APPROVED	
ENG. APPVL JPD	DATE 10/12/07

SCHLAGE LOCK COMPANY, LLC  
 11819 N. PENNSYLVANIA STREET  
 CARMEL, IN 46032

TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES  
 FRAME PROFILE, CORNER DETAILS AND DOOR FRAME MATERIAL, AND SIZE OPTIONS

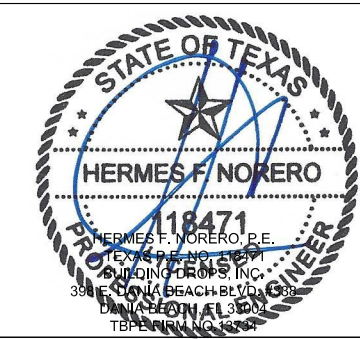
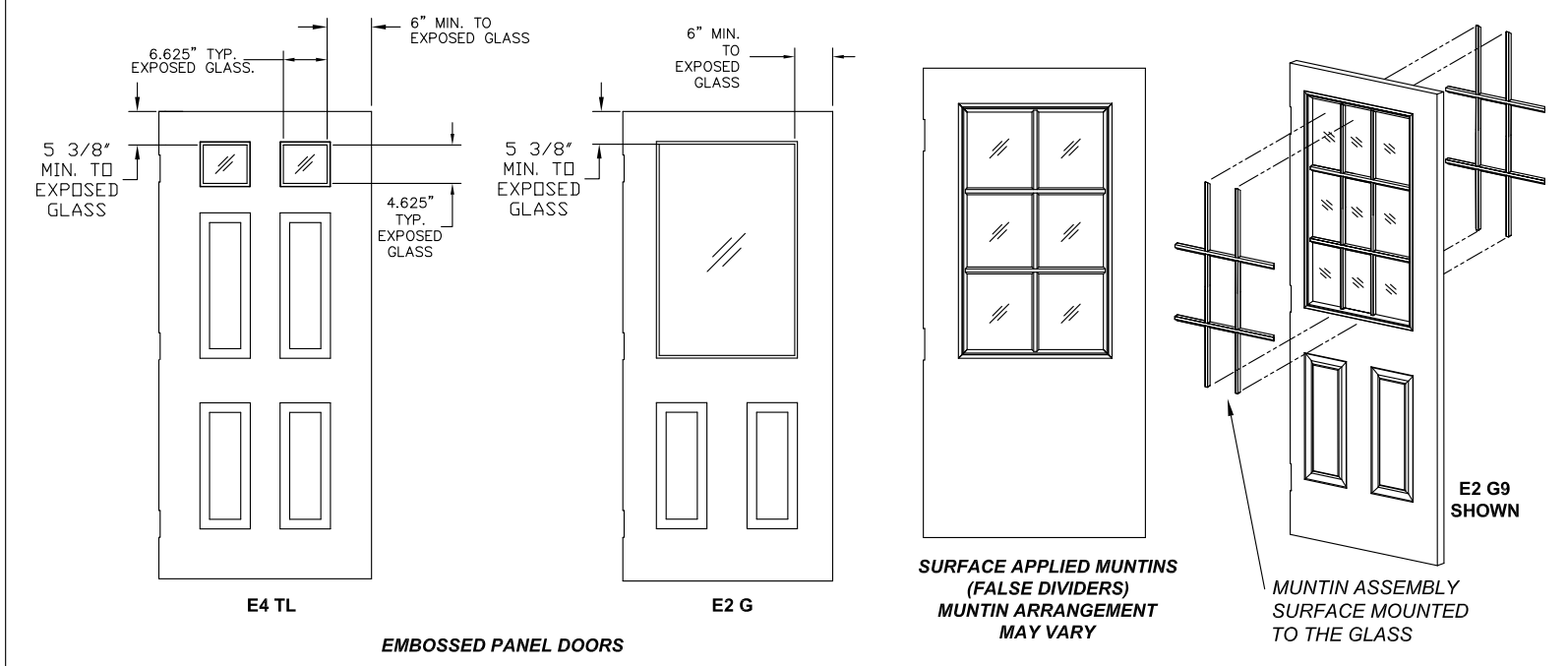
SIZE	FLAT	DWG NO.	REV
		IRGD07-T	B 1-9-20
SCALE:	NTS	AUTOCAD	SHEET 9 OF 20



**MAX. DAYLIGHT OPENING FOR CONFIGURATION 3A IS 144 SQUARE INCHES**  
**12" X 12" MAX. 'V' VISION LITE**  
**MAXIMUM DAYLIGHT OPENING FOR CONFIGURATION 3B IS 100 SQUARE INCHES DLO**  
 3" X 33" 'N3'  
 4" X 25" 'N4'  
 5" X 20" 'N5'  
 SEE TABLE 1 SHEET 2  
 DLO= DAY LIGHT OPENING

**NOTES:**

1. DOOR CONSTRUCTION
2. NOMINAL DOOR THICKNESS - 1 3/4"
3. ALL GLASS LITE TYPES SHOWN ON THIS SHEET ARE AVAILABLE FOR ALL DOOR CONFIGURATIONS SHOWN ON SHEET 1 AND TABLE 1 SHEET 2 EXCEPT FOR CONFIGURATIONS 3A AND 3B. SEE NOTE 4
4. DOOR CONFIGURATION 3A AVAILABLE WITH 'V' VISION LITE AND 3B IS AVAILABLE WITH N3, N4 AND N5 TYPE LITE. (SEE TABLE 1 SHEET 2)
5. MAXIMUM GLAZING DLO HEIGHT AND WIDTH AS PER SHEETS 1, 2, AND 10.
6. GLAZING OPENING DLO SIZE WILL CHANGE IN PROPORTION WITH DOOR SIZE.(SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
7. DOOR SIZE MAY VARY, SUBJECTED TO COMPLIANCE WITH FLORIDA BUILDING CODE AND PRODUCT AVAILABILITY FROM MANUFACTURER.
8. GLASS LITES NOT LIMITED TO THOSE SHOWN, PROVIDED DIMENSIONS SHOWN ARE MAINTAINED. SEE TABLE 1 SHEET 2 )
9. DOORS WITH MULTIPLE GLASS LITES ARE NOT LIMITED TO THE DESIGNS SHOWN, PROVIDED THE DIMENSIONS SHOWN ARE MAINTAINED.(SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
10. WHEN USING A CONTINUOUS HINGE THE MINIMUM DISTANCE FROM THE EDGE OF THE DOOR TO EXPOSED GLASS IS 6-1/4" AT STILES AND 7-1/2" AT MID RAILS.
11. DLO = DAYLIGHT OPENING (SEE TABLE 1 SHEET 2 FOR LIMITATIONS)
12. VERIFY GLAZING OPTION ON SHEET 11 IS AVAILABLE FOR GLASS LITE TYPE AND SIZE.



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	GLASS DOOR CONFIGURATIONS.			
CHECKED		SIZE	FLAT	DWG NO. IRGD07-T	REV B 1-9-20
APPROVED		SCALE: NTS	AUTOCAD		SHEET 10 of 20
ENG. APPVL JPD	11/15/07				

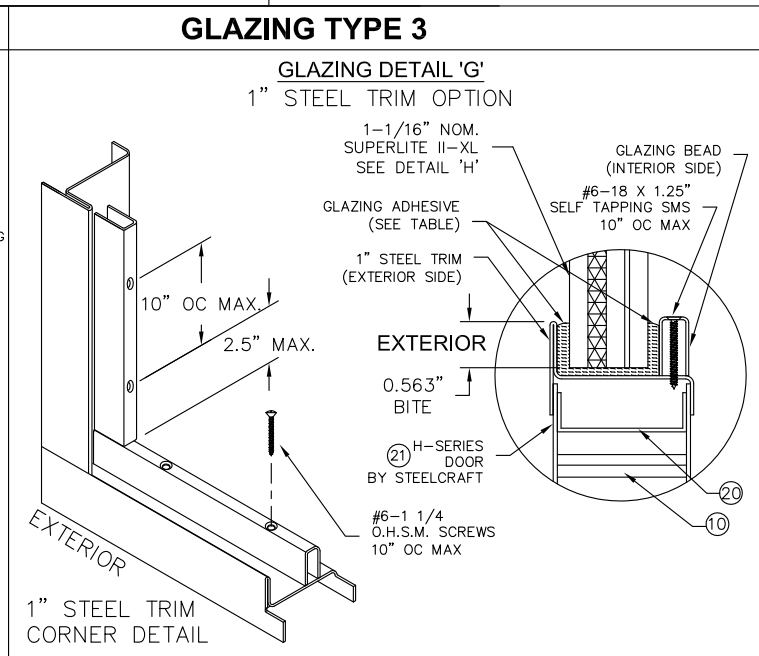
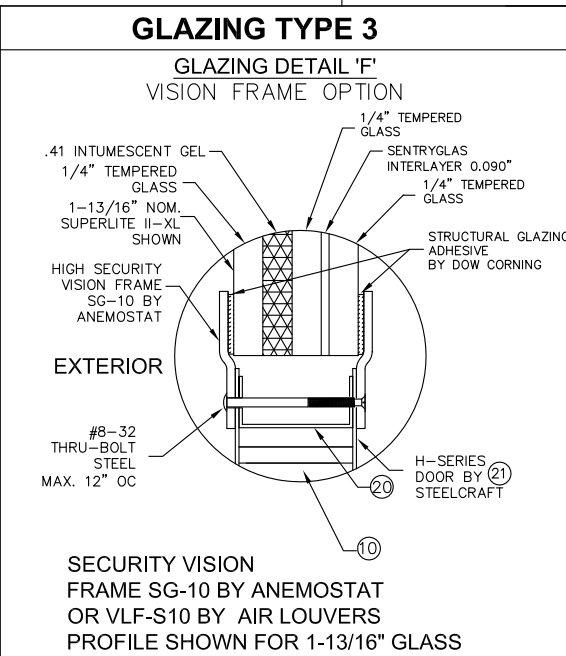
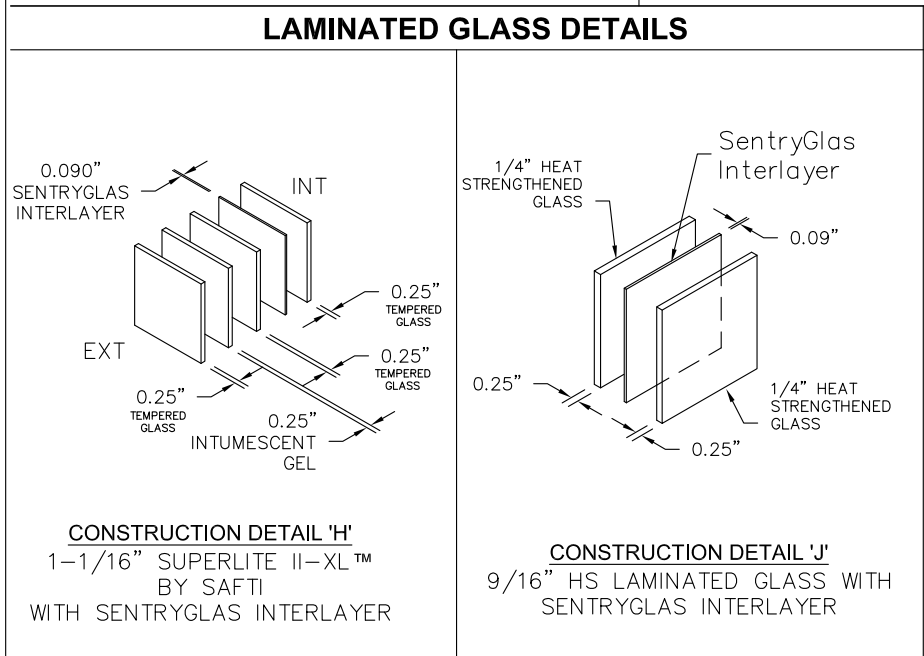
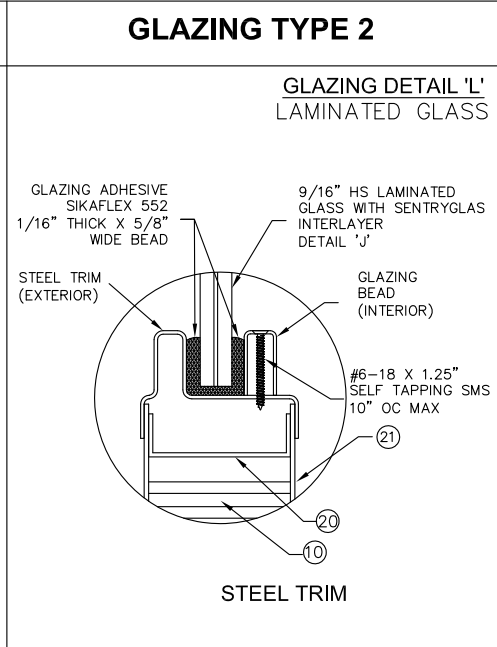
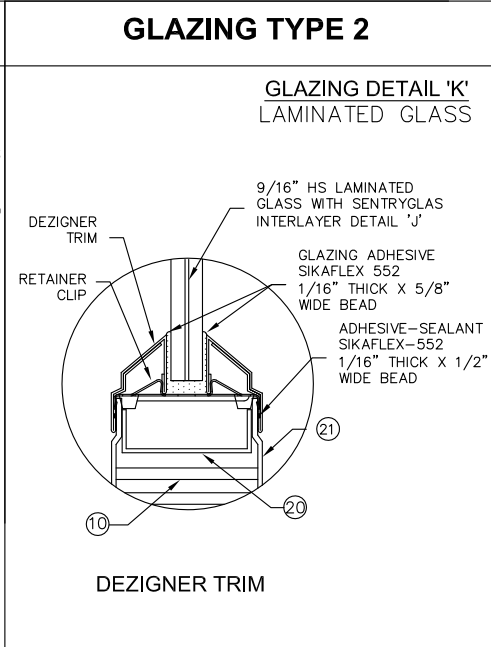
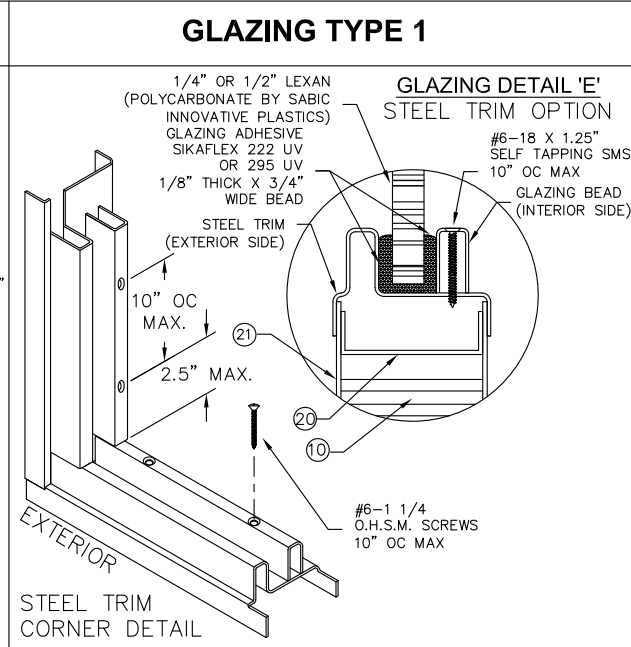
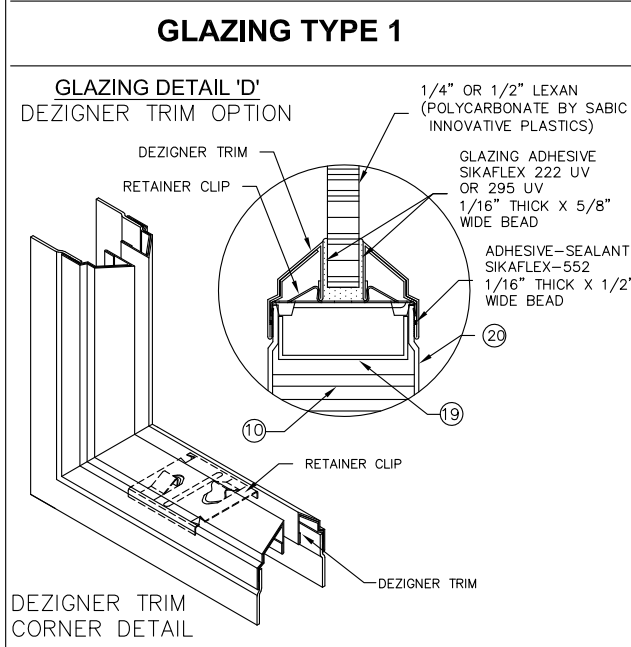
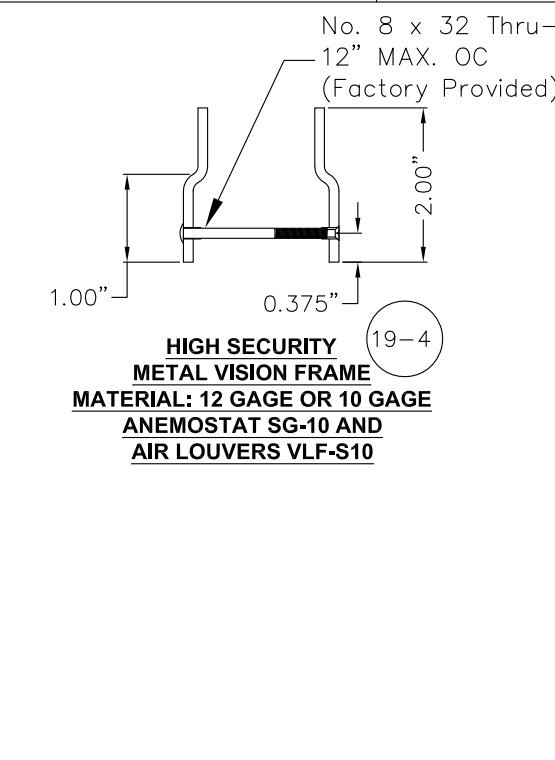
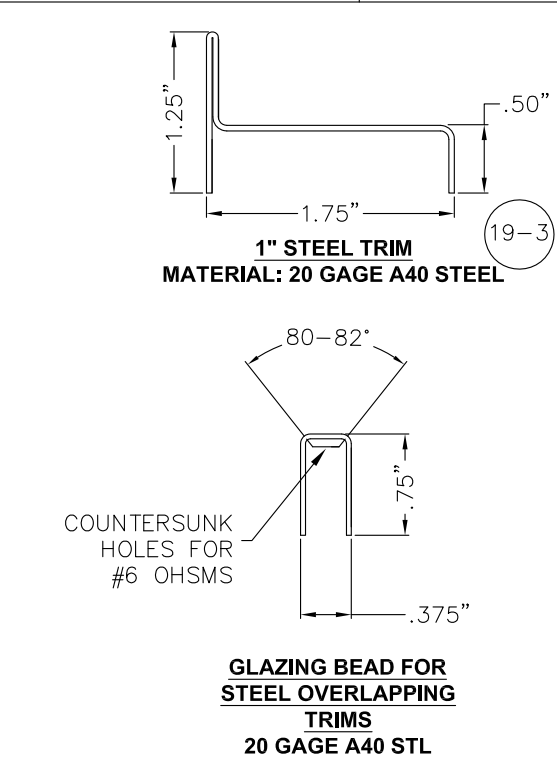
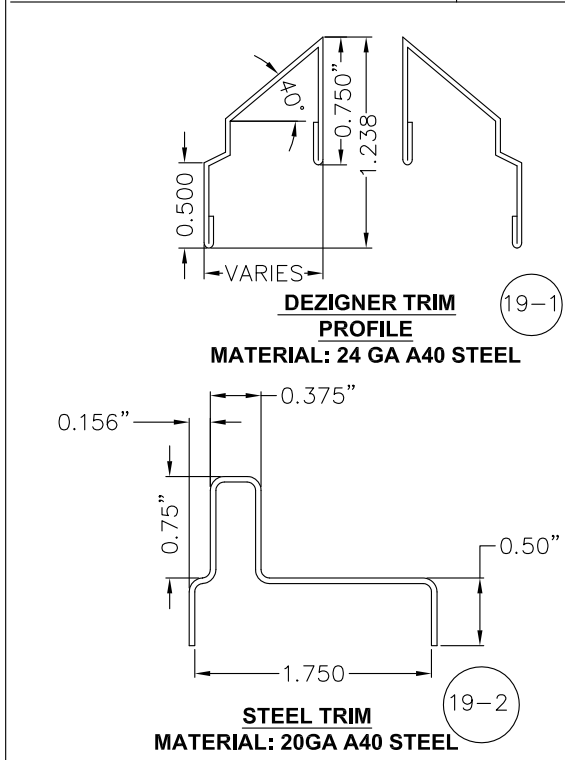


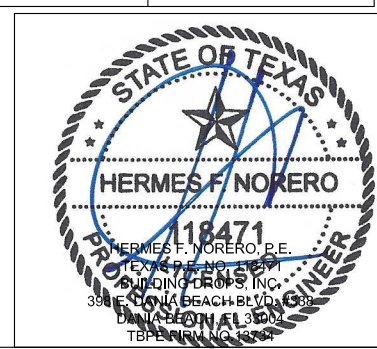
TABLE 8.

GLAZING TYPES AND METHODS				
TYPE	GLAZING MATERIAL	TRIM TYPE	SEALANT -ADHESIVE	GLAZING ADHESIVE
	1	LEXAN BY SABIC INNOVATIVE PLASTICS 1/4" OR 1/2" DETAILS 'D' & 'E'	DESIGNER 1/2" OR 1/4"	SIKAFLEX 552
1" STEEL TRIM				
2	9/16" HS LAMINATED GLASS WITH SENTRYGLAS INTERLAYER DETAILS 'J', 'K' & 'L'	DESIGNER 1/2"	SIKAFLEX 552	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
		1" STEEL TRIM		
3	SUPERLITE II-XL™ BY SAFTI WITH SENTRYGLAS INTERLAYER DETAILS 'H', 'F' & 'G'	1" STEEL TRIM (DETAIL 'G')	NONE	SIKAFLEX 552 OR DOW CORNING 995/975/983 1/16" X 5/8" BEAD
		SECURITY VISION FRAME SG-10 BY ANEMOSTAT OR VLF-S10 BY AIR LOUVERS (DETAIL 'F')	NONE	

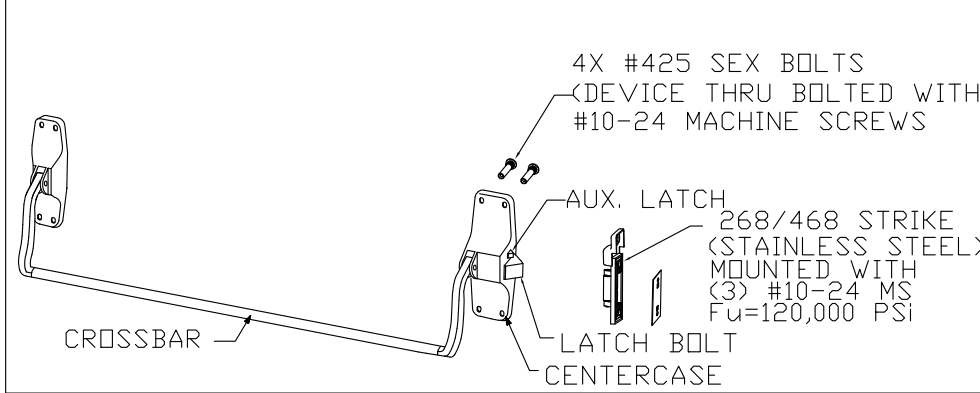


NOTES:

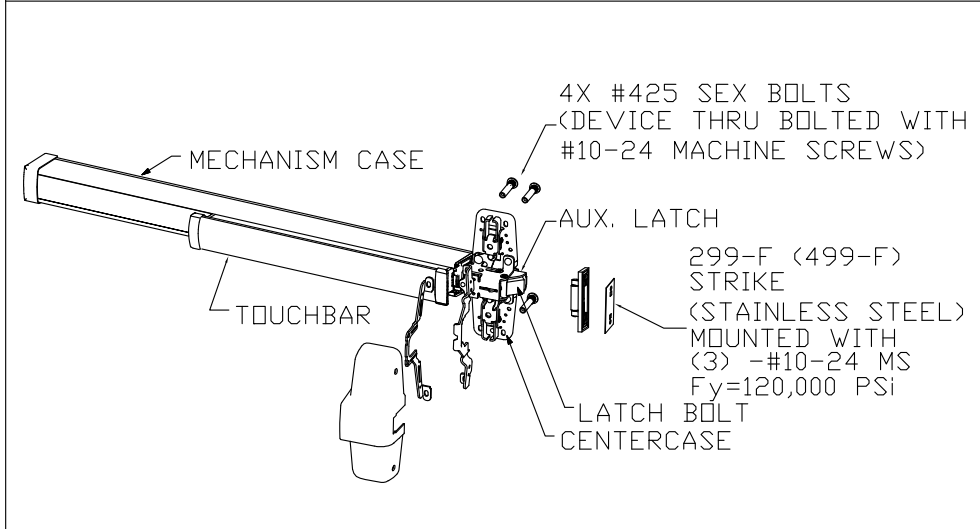
- SEE SHT.1 FOR ELEVATIONS, SHT.2 FOR SIZES AND SHT.9 FOR DOOR & FRAME MATERIAL SPECIFICATIONS.
- SEE SHT.3 NOTE 2. AND SHEETS 4 & 20 FOR ANCHOR REQUIREMENTS
- SEE SHTS. 4 & 20 FOR WALL CONSTRUCTION AND ANCHORING SYSTEM
- SEE SHT. 9 FOR AVAILABLE OPENING SIZES, JAMB DEPTHS AND SPECIFICATIONS
- APPROVED HARDWARE TO BE INSTALLED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- VERIFY GLAZING MATERIAL IS AVAILABLE IN SIZE REQUIRED.



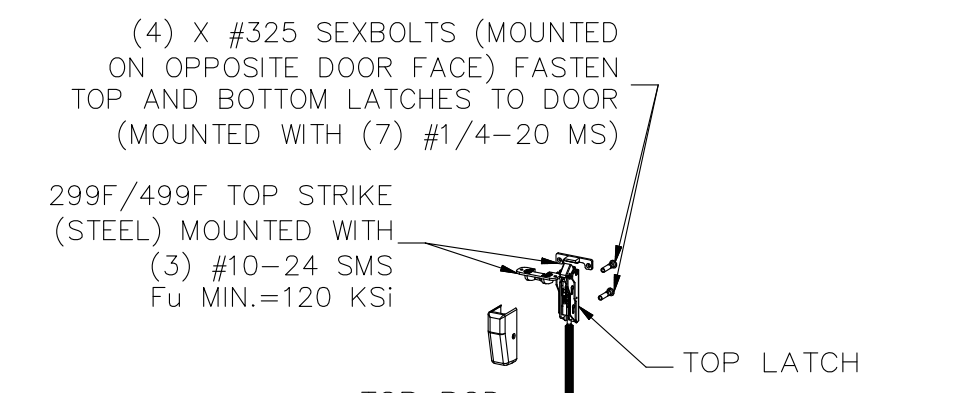
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOOR WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	GLASS TRIM OPTIONS.	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	11/15/07	AUTOCAD	SHEET 11 of 20



VON DUPRIN 88-F RIM DEVICE, USED IN CONFIGURATIONS: 1 & 2



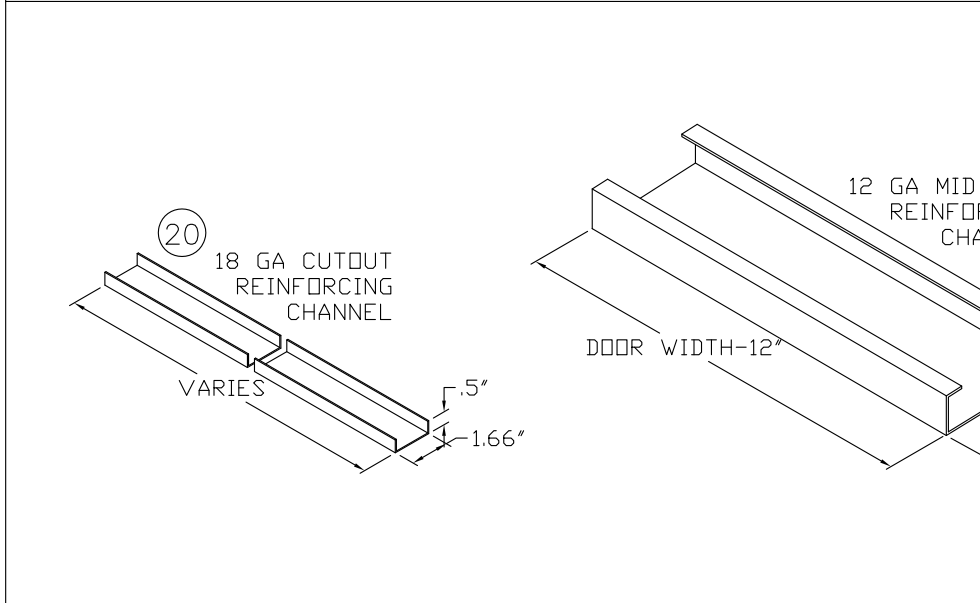
VON DUPRIN 98/99 & 98/99-F RIM EXIT DEVICE USED IN CONFIGURATIONS: 1 & 2



VON DUPRIN 98/9927 & 98/9927-F SURFACE VERTICAL ROD DEVICE USED IN CONFIGURATION: 4

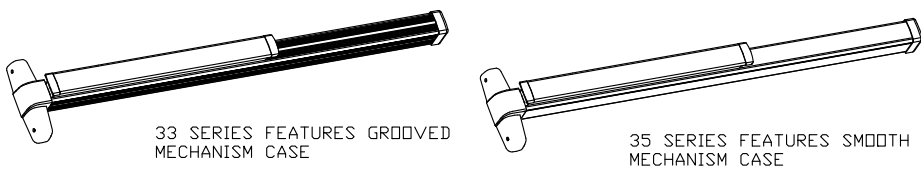
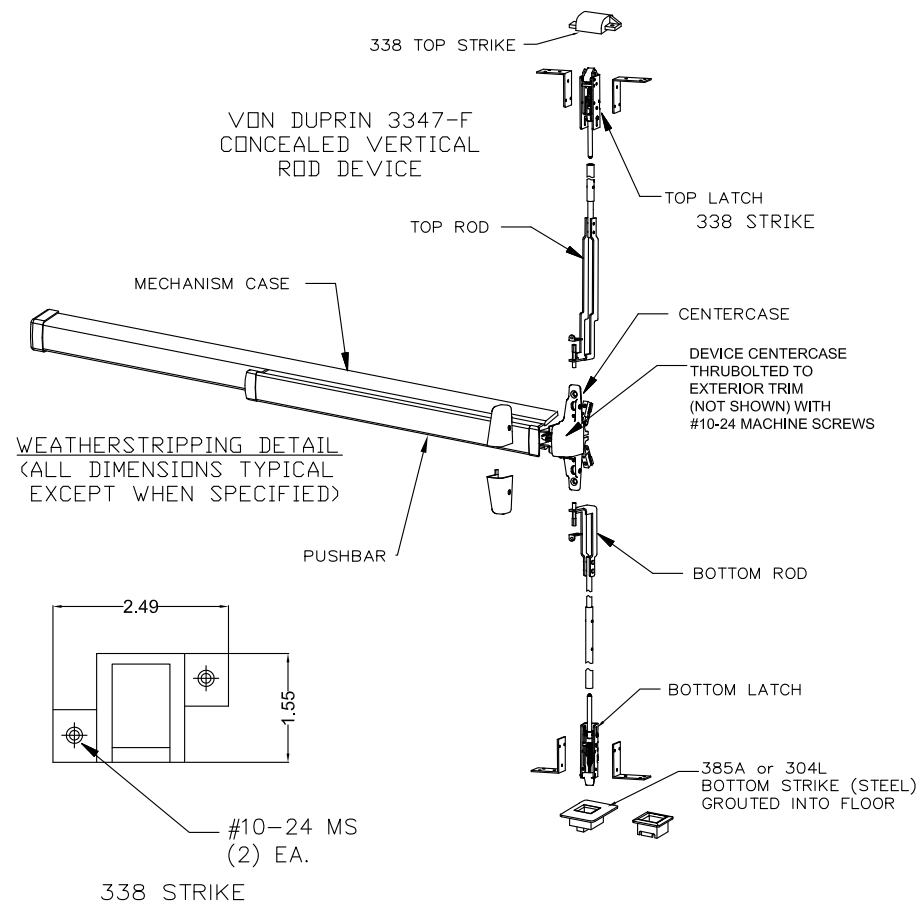


GLAZING MATERIAL SEE TABLE 8 ON SHEET 11. SEE SHEETS 1, 2, 3, 10 AND 11 FOR INFORMATION ON DAYLIGHT OPENING, GLASS TYPES AND SIZE LIMITATIONS

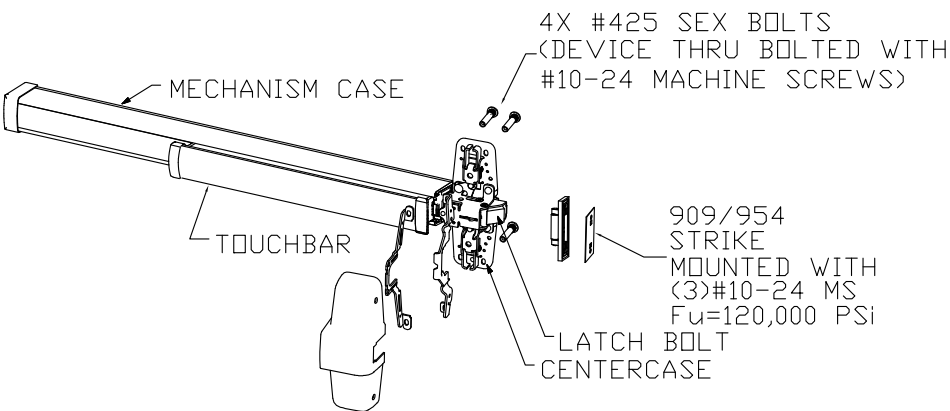


NOTES:  
 1. ELECTRICAL FUNCTIONS/INSTALLATION AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL.  
 2. EXIT HARDWARE OPTIONS:  
 FOR 98/99 & XP98/99 SERIES - FUNCTIONS E, RX, LX, SS, EL, QEL, CX, F; TRIM: ALL APPLICABLE TRIMS AVAILABLE.  
 FOR 88-F SERIES - FUNCTION E; TRIM: ALL APPLICABLE TRIMS AVAILABLE. PN MODEL OFFERED.  
 TRIM: ALL APPLICABLE TRIMS AVAILABLE.

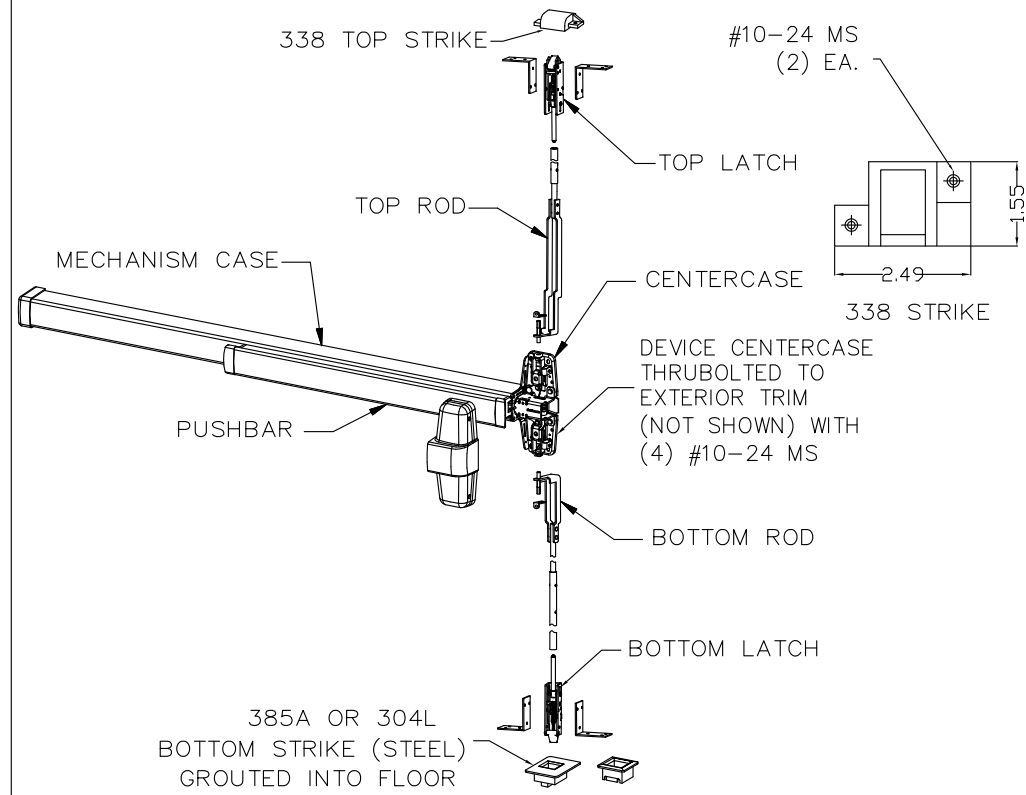
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	EXIT HARDWARE FOR GLASS DOUBLE DOORS.			
CHECKED	CDATE	SIZE	FLAT	DWG NO. IRGD07-T	REV B 1-9-20
APPROVED	ADATE	SCALE: NTS	AUTOCAD		SHEET 12 OF 20
ENG. APPVL JPD	EDATE 11/15/07				



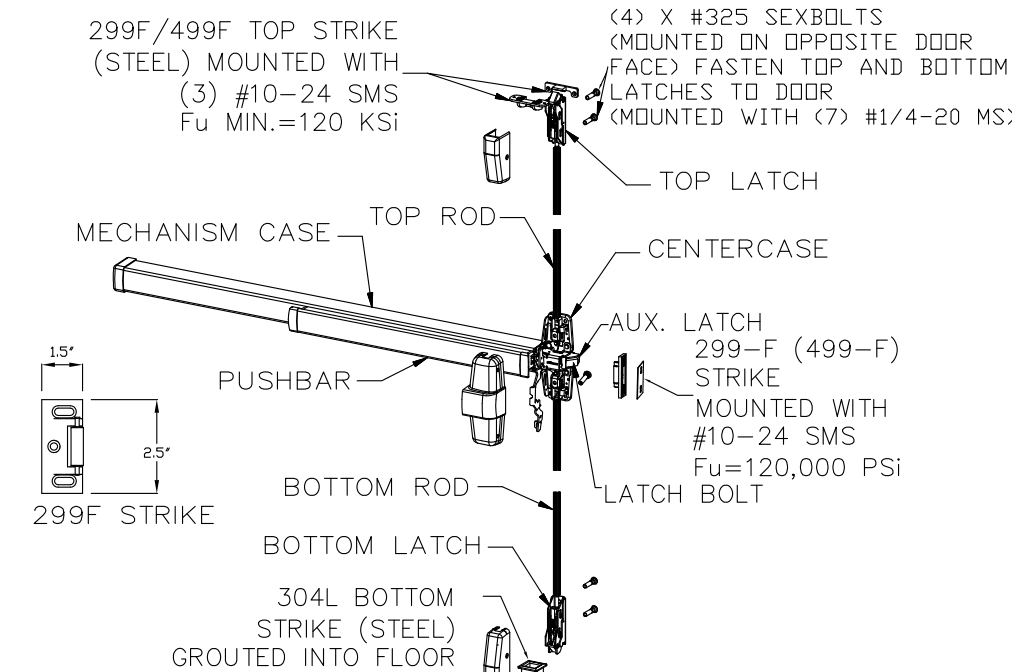
VON DUPRIN 33/3547A-F & HH33/3547A WITH 2-3/4" BACKSET CONCEALED VERTICAL ROD DEVICE USED IN CONFIGURATION: 5



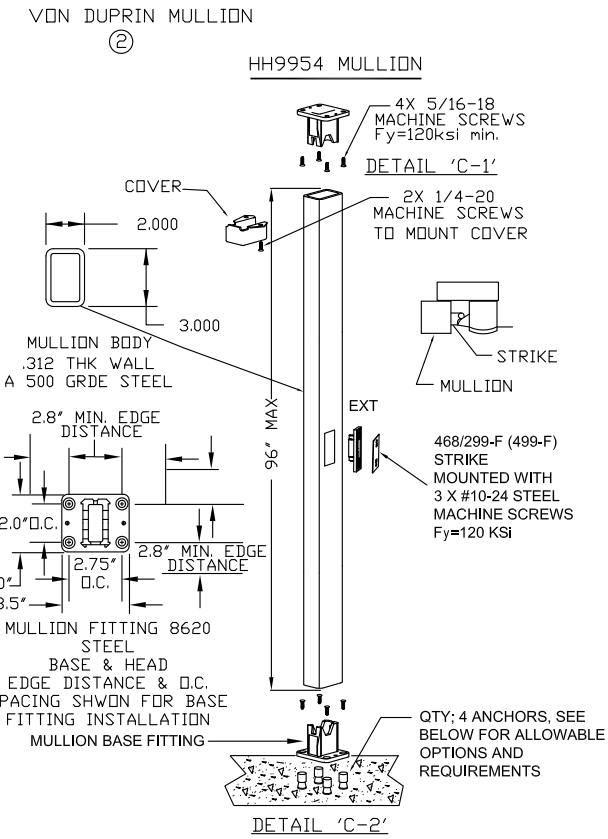
VON DUPRIN XP98/99 & XP98/99-F RIM DEVICE USED IN CONFIGURATIONS: 3A & 3B



VON DUPRIN 98/9947-F & HH98/9947 WITH 2-3/4" BACKSET CONCEALED VERTICAL ROD DEVICE USED IN CONFIGURATION: 5



VON DUPRIN 98/9957 & 98/9957-F THREE POINT EXIT DEVICE USED IN CONFIGURATIONS: 6, 7, 8 & 9

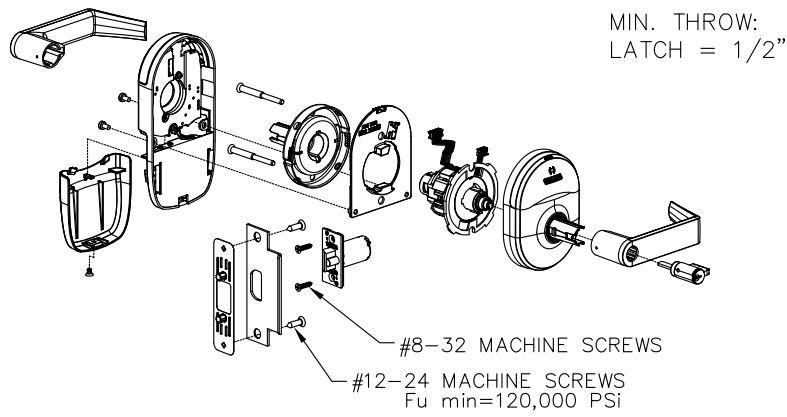


**MULLION ANCHOR NOTES:**  
 ANCHORS SHALL BE INSTALLED IN 3000 PSI CONCRETE (SEE ABOVE FOR SPACING REQUIREMENTS), ALLOWABLE ANCHOR TYPES ARE  
 1/4" POWERS SMART DI+ EXPANSION ANCHORS WITH MIN 1" EMBEDMENT  
 OR  
 1/4" HILTI KWIK BOLT 3 EXPANSION BOLTS WITH MIN 1-1/8" EMBEDMENT

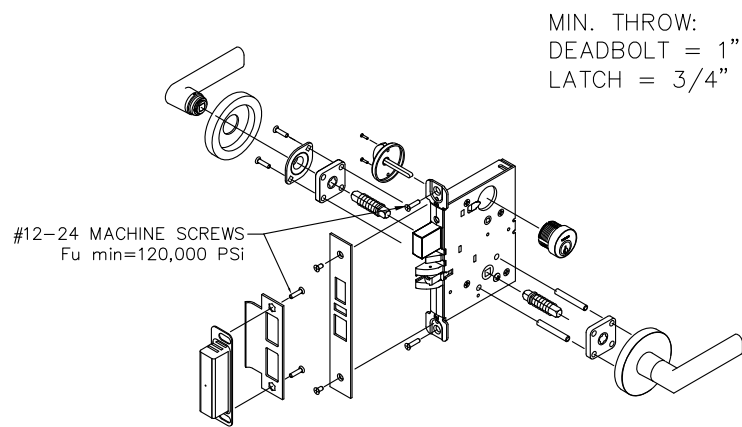


**NOTE: ELECTRICAL FUNCTIONS/INSTALLATION AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL.**  
**EXIT HARDWARE OPTIONS:**  
 FOR 98/99 & XP98/99 SERIES - OPTIONS E, RX, LX, SS, EL, QEL, CX, F, ALK, CD, PN. (OPTIONS MAY VARY PER SERIES)  
 TRIM: ALL APPLICABLE TRIMS AVAILABLE. FOR 33/35-F SERIES - FUNCTIONS RX, LX, EL, SS, E, QEL, CX, F, ALK, CD, PN, LD.  
 TRIM: ALL APPLICABLE TRIMS AVAILABLE.

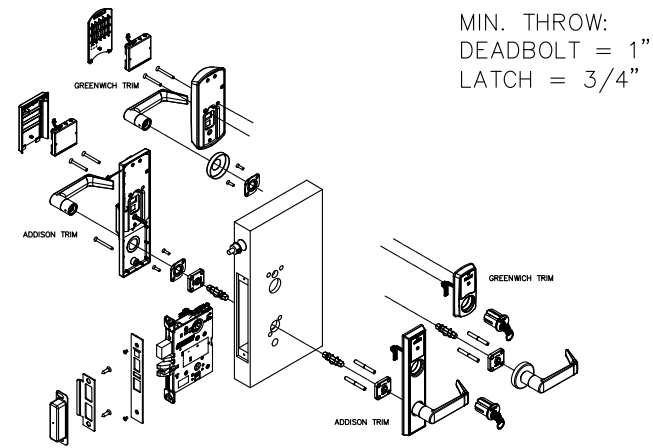
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	EXIT HARDWARE FOR GLASS DOUBLE DOORS.	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	11/15/07	AUTOCAD	SHEET 13 OF 20



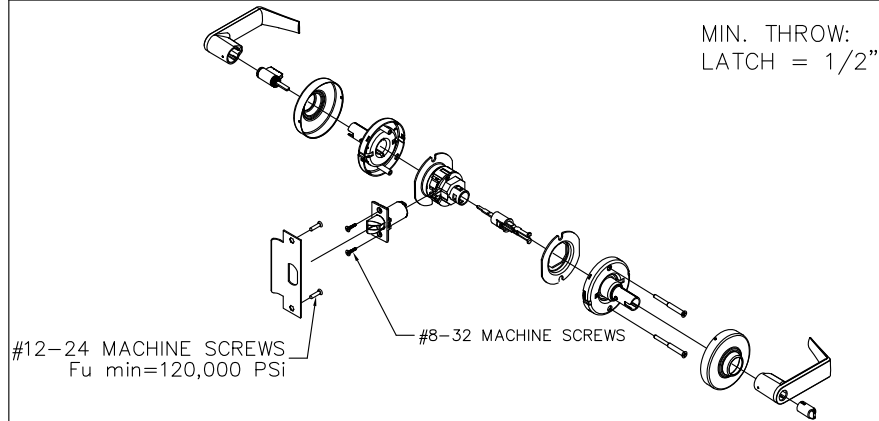
SCHLAGE NDE & NDEB SERIES CYLINDRICAL LOCKSET  
USED IN CONFIGURATIONS: 11



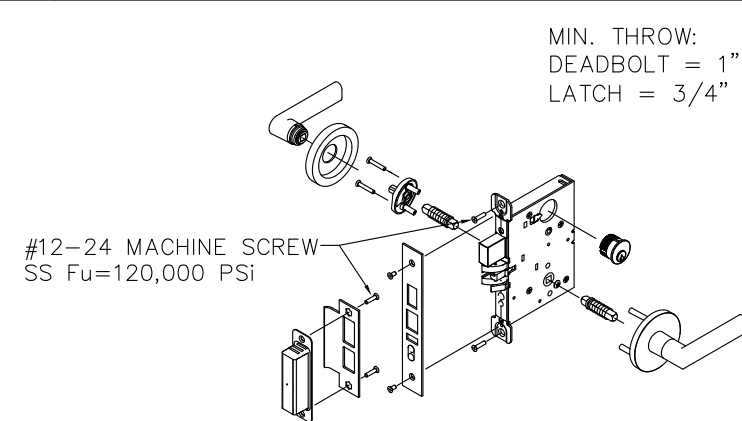
SCHLAGE L/LV 9400 SERIES MORTISE LOCKSET  
W/ DEADBOLT. USED IN CONFIGURATION: 10



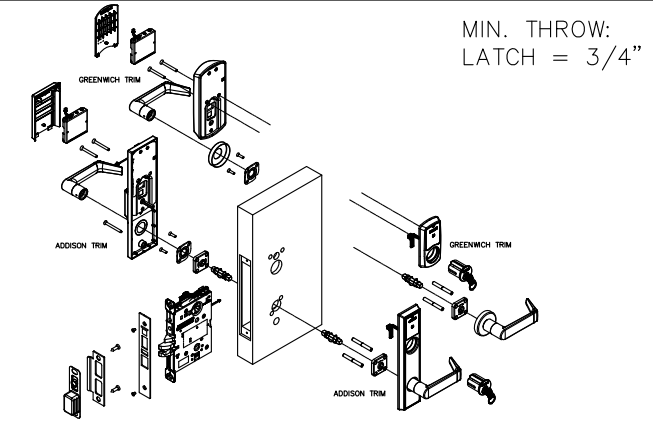
SCHLAGE LE-MD, LEB-MD SERIES MORTISE LOCKSET  
W/ DEADBOLT. USED IN CONFIGURATION: 10



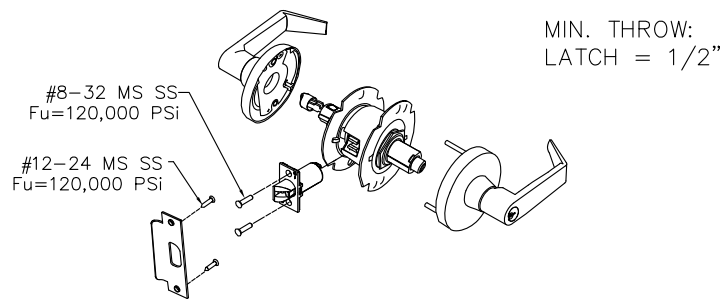
SCHLAGE D/ND-SERIES CYLINDRICAL LOCKSET.  
USED IN CONFIGURATION: 11



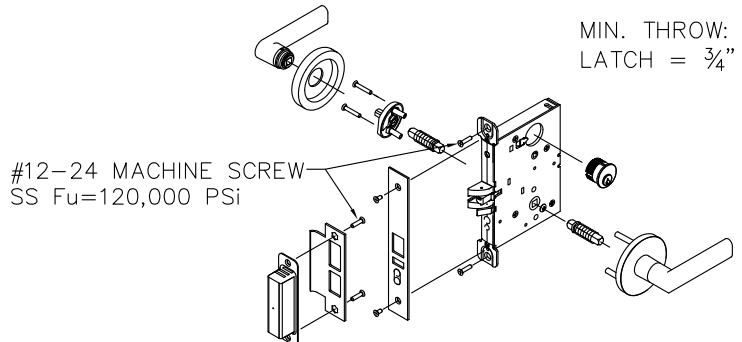
FALCON MA-SERIES MORTISE LOCKSET W/ DEADBOLT  
USED IN CONFIGURATION: 10



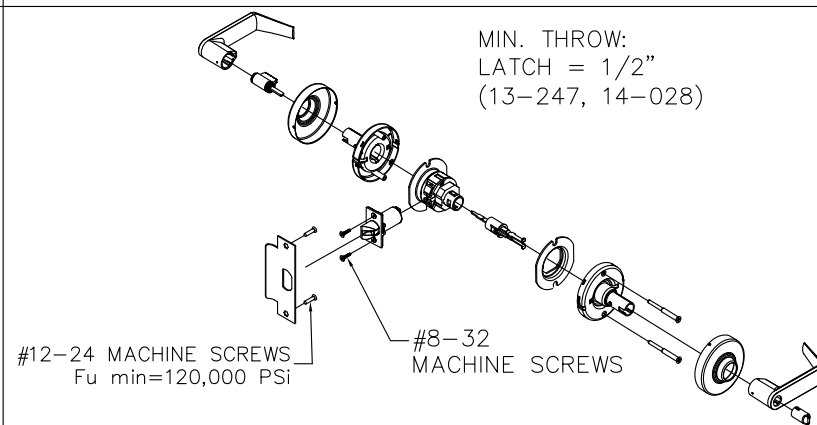
SCHLAGE LE-MS, LEB-MS, LE-MB, LEB-MB SERIES  
MORTISE LOCKSET W/O DEADBOLT. USED IN  
CONFIGURATION: 10



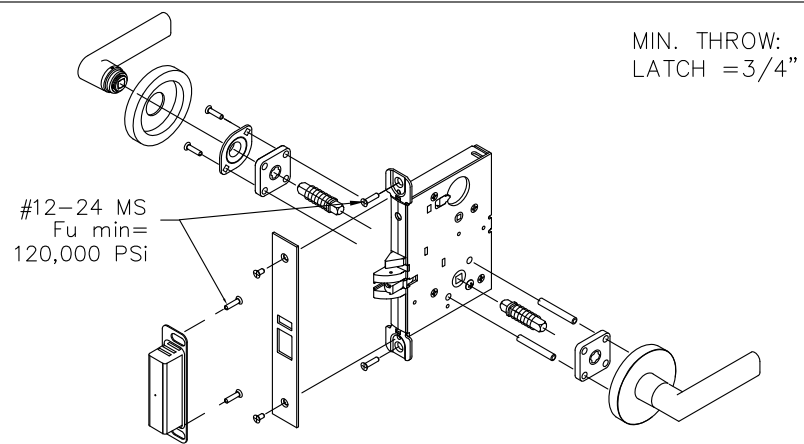
FALCON, T-SERIES CYLINDRICAL LEVER LOCKSET  
USED IN CONFIGURATION: 11



FALCON MA-SERIES MORTISE LOCKSET W/O DEADBOLT  
USED IN CONFIGURATION: 10

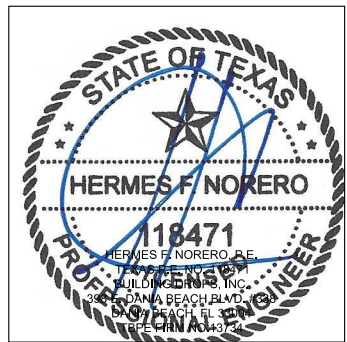


SCHLAGE D/ND-SERIES CYLINDRICAL LOCKSET.  
USED IN CONFIGURATION: 11



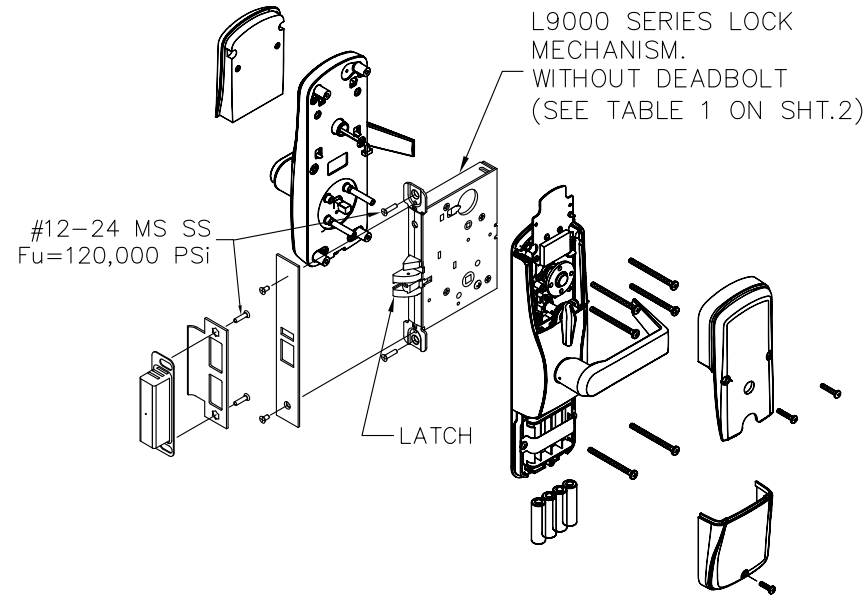
SCHLAGE L/LV 9000 SERIES MORTISE LOCK WITHOUT DEADBOLT  
USED IN CONFIGURATION: 10

**NOTES:**  
1. INSTALLATION AND FIRE RATINGS ARE NOT PART OF THIS APPROVAL  
AND TO BE REVIEWED AND APPROVED BY BUILDING OFFICIAL.  
2. ELECTRIFIED FUNCTIONS APPROVED , BUT NOT SHOWN ABOVE.

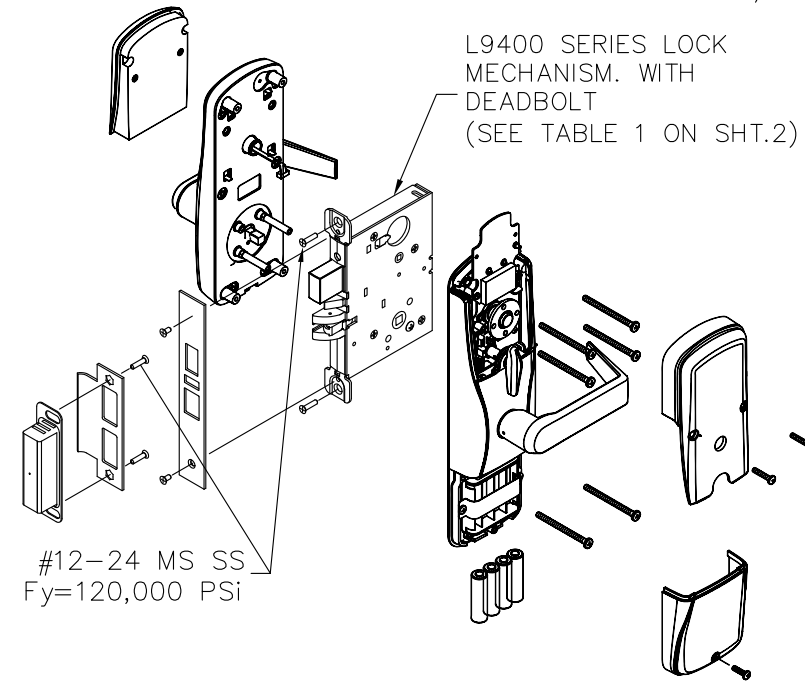


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	HARDWARE FOR GLASS DOUBLE DOORS.	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	10/12/07	AUTOCAD	SHEET 14 OF 20

MIN. THROW:  
LATCH = 3/4"



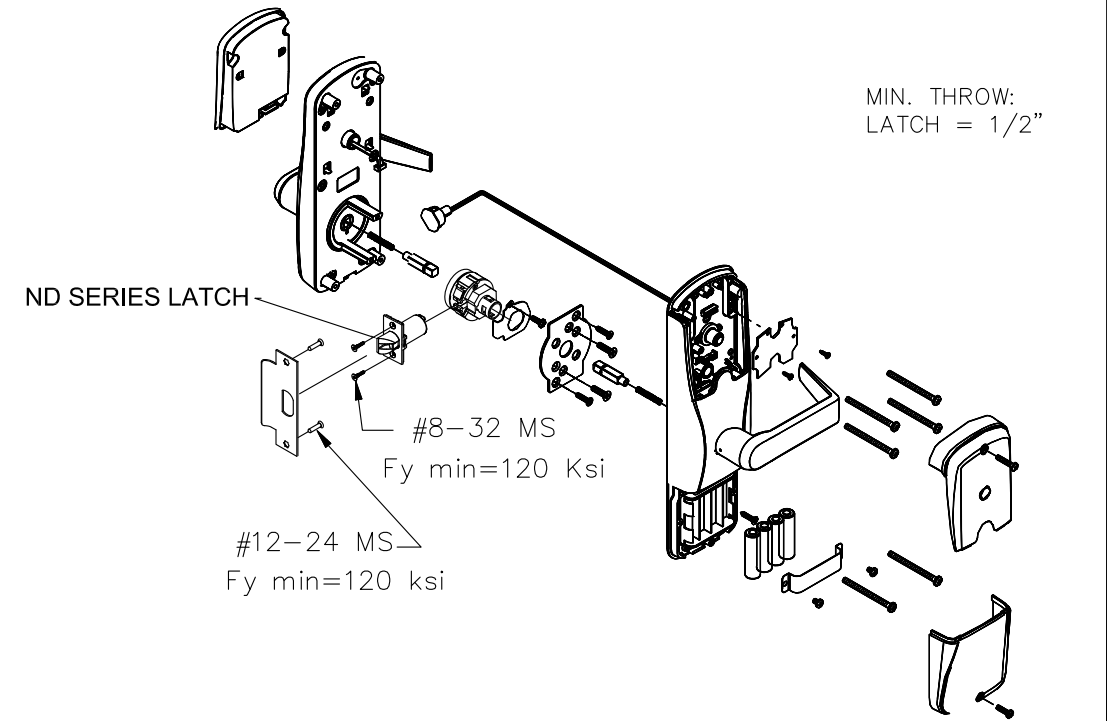
MIN. THROW:  
DEADBOLT = 1"  
LATCH = 3/4"



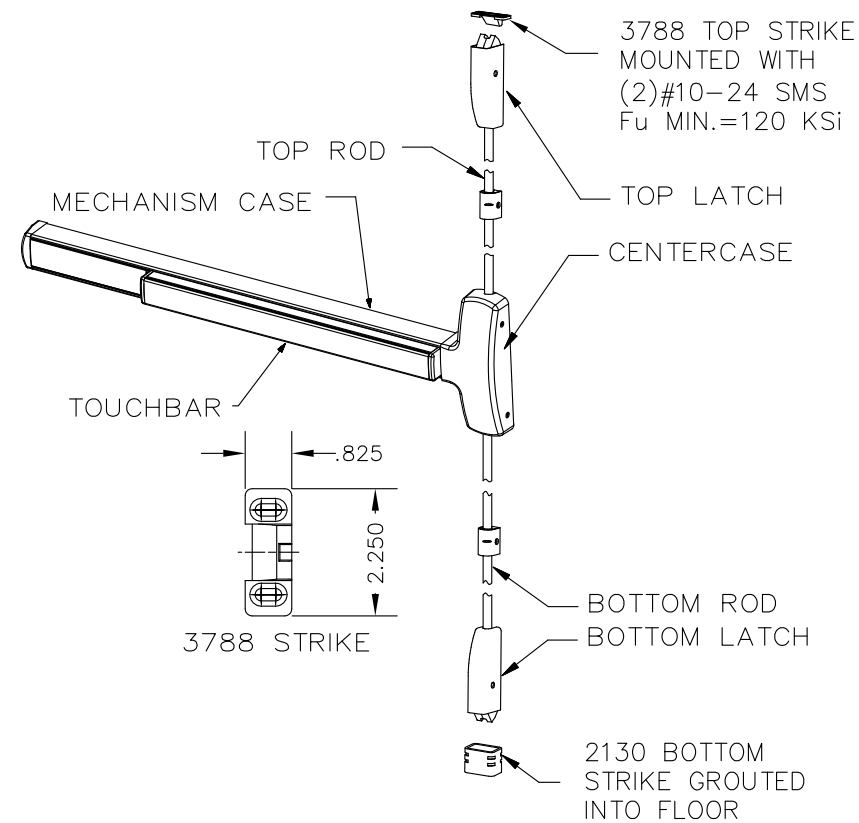
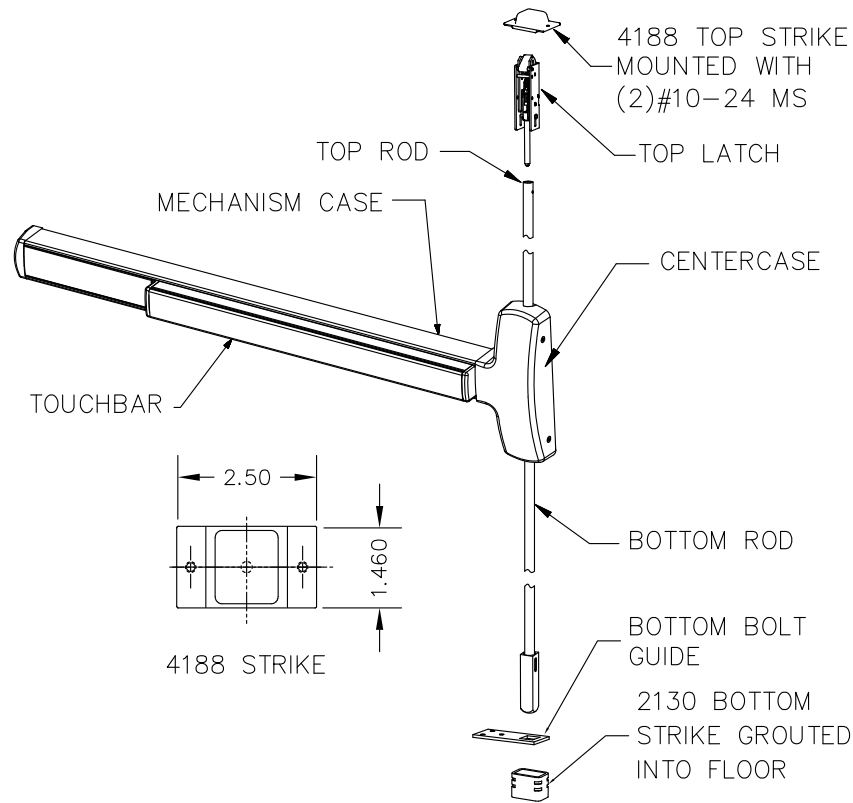
SCHLAGE AD-MS & CO-MS SERIES MORTISE LOCKSET  
USED IN CONFIGURATIONS: 10 (SEE SHT. 1)

SCHLAGE AD-MD & CO-MD SERIES MORTISE LOCKSET  
USED IN CONFIGURATIONS: 10 (SEE SHT.1)

MIN. THROW:  
LATCH = 1/2"

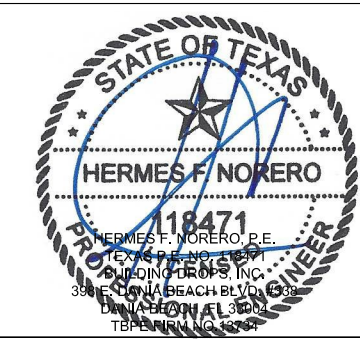


SCHLAGE AD-CY & CO-CY SERIES CYLINDRICAL LOCKSET  
USED IN CONFIGURATIONS: 11 (SEE SHT.1)



EXIT HARDWARE OPTIONS:  
F-25-C & (F)25-V SERIES - FUNCTIONS AE,  
DM, LM, LK, KOR, ED, EL, EA, FSA, FSE, HWEA  
TRIMS: ALL APPLICABLE TRIMS AVAILABLE.

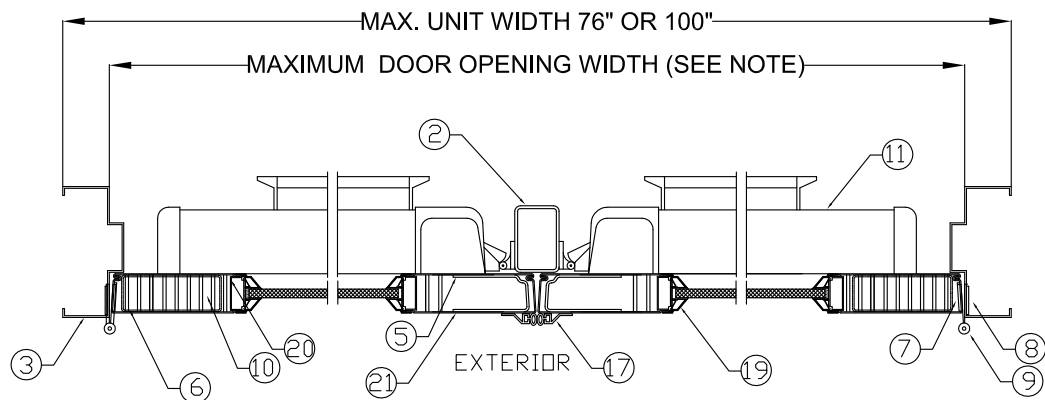
NOTE: INSTALLATION AND FIRE RATINGS ARE NOT PART  
OF THIS APPROVAL AND TO BE REVIEWED AND  
APPROVED BY BUILDING OFFICIAL.



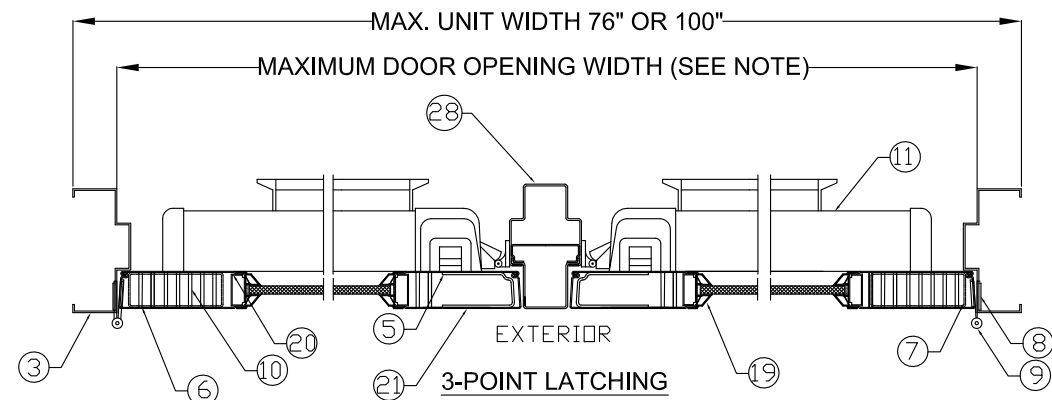
FALCON F-25-C CONCEALED VERTICAL ROD EXIT DEVICE  
USED IN DOOR CONFIGURATION 5 (SEE SHT.1)

FALCON (F)25-V SURFACE VERTICAL ROD EXIT DEVICE  
USED IN DOOR CONFIGURATION 4 (SEE SHT.1)

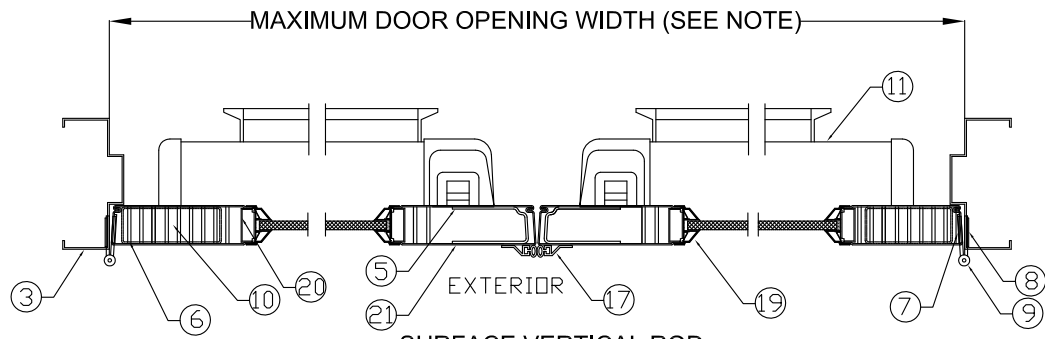
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	HARDWARE FOR GLASS DOUBLE DOORS.		SIZE FLAT	DWG NO. IRGD07-T
CHECKED				REV B	1-9-20
APPROVED		SCALE: NTS	AUTOCAD	SHEET 15 of 20	
ENG. APPVL JPD	11/15/07				



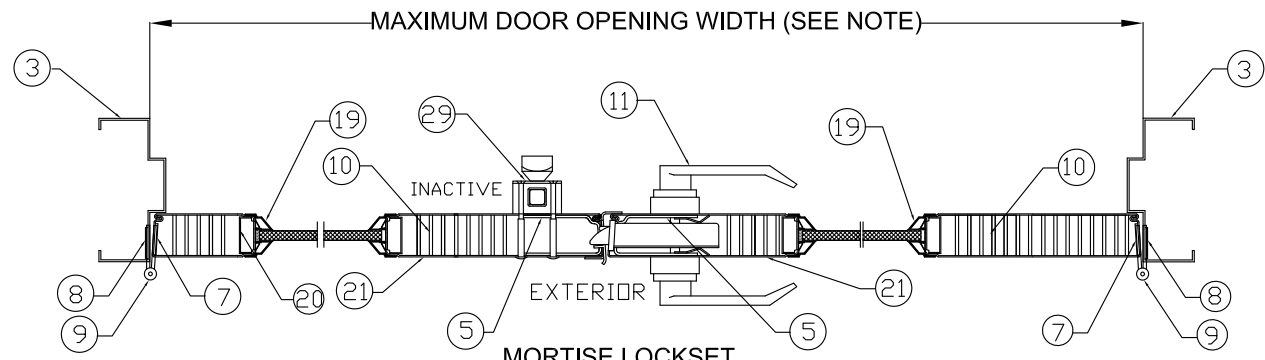
**RIM EXIT DEVICE WITH VON DUPRIN MULLION**  
 SEE MULLION DETAIL C-2 SHEET 10  
 SECTION A-A  
 CONFIGURATIONS 1, 2, 3A, 3B  
 (SEE SHT.1)



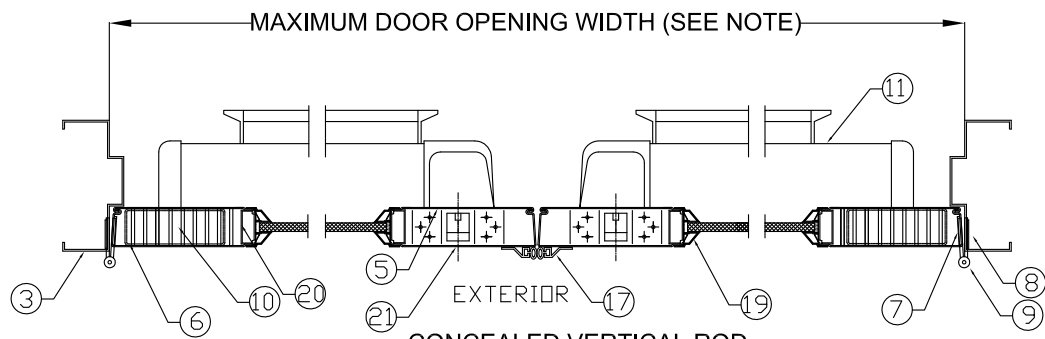
**3-POINT LATCHING EXIT DEVICE WITH FIXED HOLLOW METAL MULLION-SEE MULLION DETAIL SHEET 6**  
 SECTION A-A  
 CONFIGURATIONS 7 & 9  
 (SEE SHT.1)



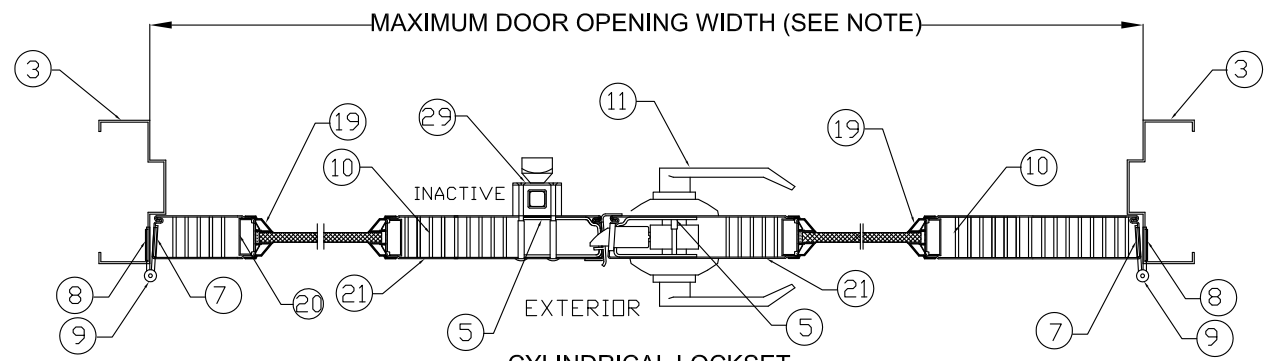
**SURFACE VERTICAL ROD EXIT DEVICE.**  
 SECTION A-A  
 CONFIGURATION 4  
 (SEE SHT.1)



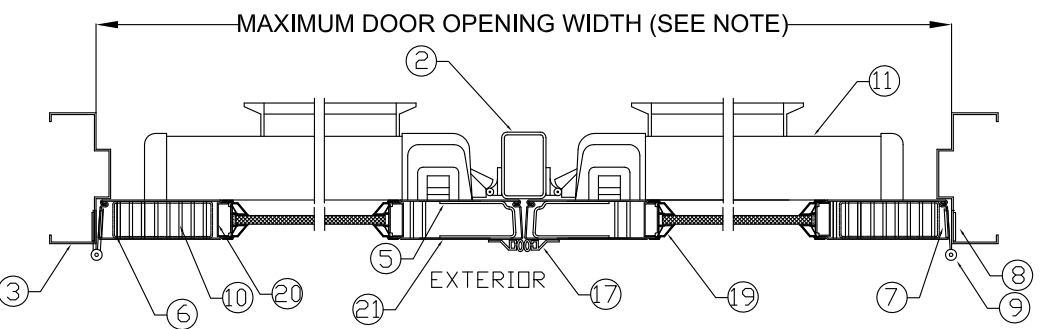
**MORTISE LOCKSET.**  
 SECTION A-A  
 CONFIGURATION 10  
 (SEE SHT.1)



**CONCEALED VERTICAL ROD EXIT DEVICE.**  
 SECTION A-A  
 CONFIGURATION 5  
 (SEE SHT.1)

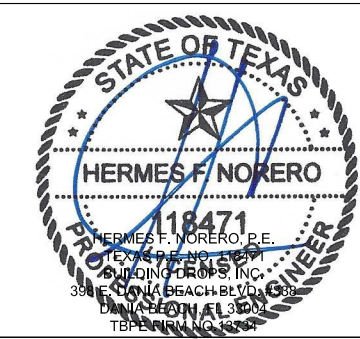


**CYLINDRICAL LOCKSET.**  
 SECTION A-A  
 CONFIGURATION 11  
 (SEE SHT.1)



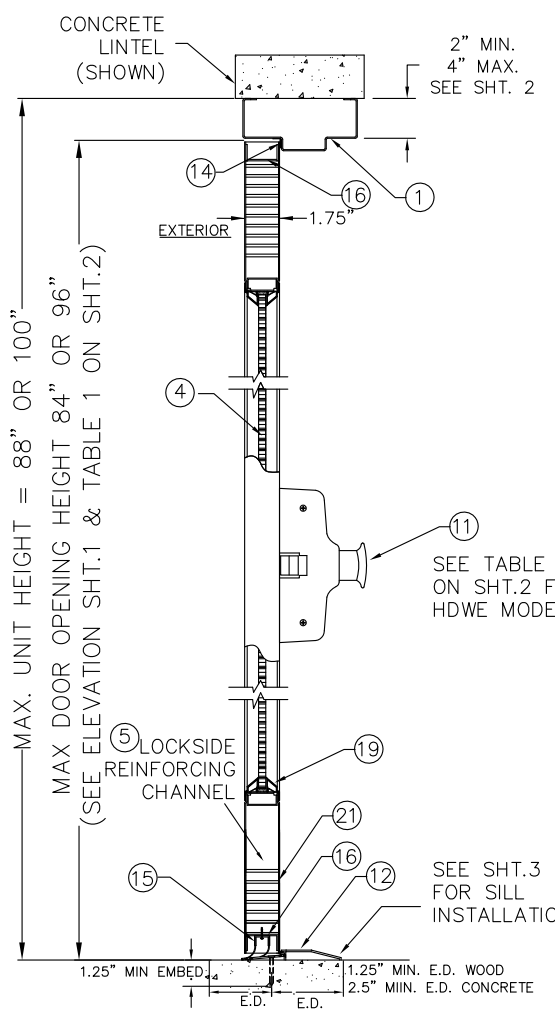
**3-POINT LATCHING EXIT DEVICE WITH VON DUPRIN MULLION**  
 SECTION A-A  
 CONFIGURATIONS 6 & 8  
 (SEE SHT.1)

NOTES:  
 1. FOR MAXIMUM DOOR OPENING AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEET 10 FOR LIMITATIONS.  
 2. GLAZING DETAIL K SHOWN, SEE TABLE 8 ON SHEET 11 FOR ADDITIONAL OPTIONS AND SHEET 10 FOR LIMITATIONS  
 3. SEE SHEETS 4 & 20 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS, AND SHEETS 9 & 13 FOR MULLION ANCHOR INSTALLATION.



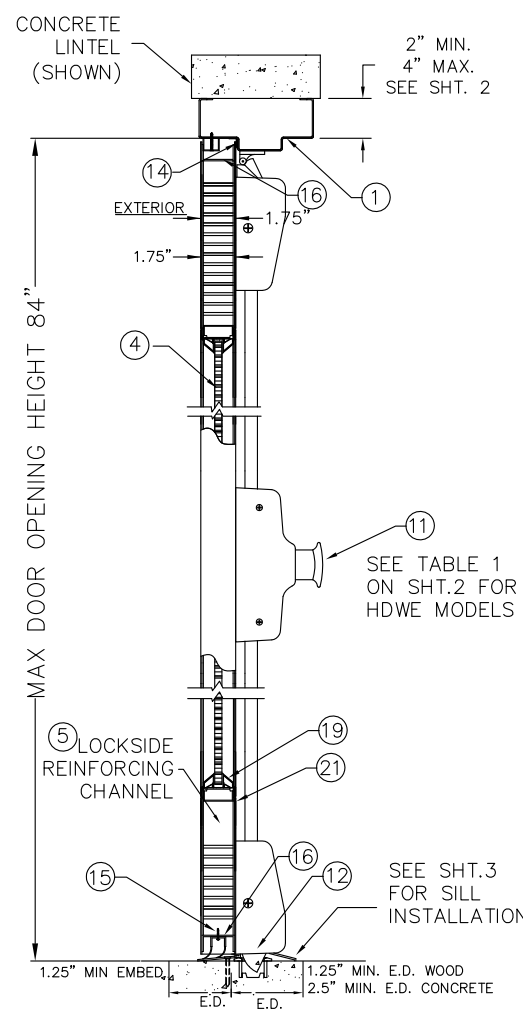
BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES.			
DRAWN YMF	DATE 05/20/07	HORIZONTAL CROSS SECTIONS FOR GLASS DOUBLE DOORS.		SIZE	FLAT
CHECKED		DWG NO.	IRGD07-T	REV	B 1-9-20
APPROVED		SCALE:	NTS	AUTOCAD	SHEET 16 OF 20
ENG. APPVL JPD	11/15/07				





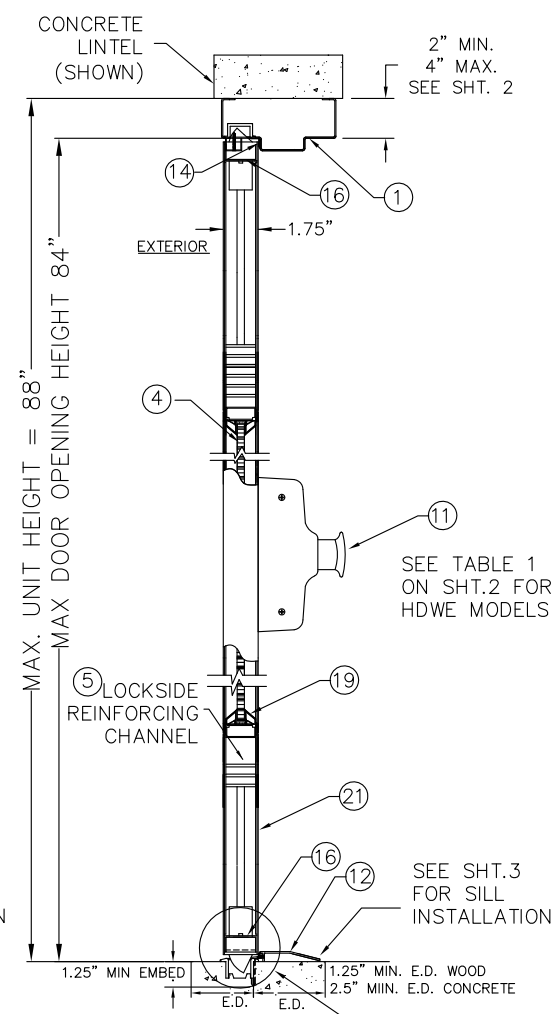
**RIM EXIT DEVICE.**  
SECTION B-B

CONFIGURATIONS 1, 2, 3A, 3B (SEE SHT.1)



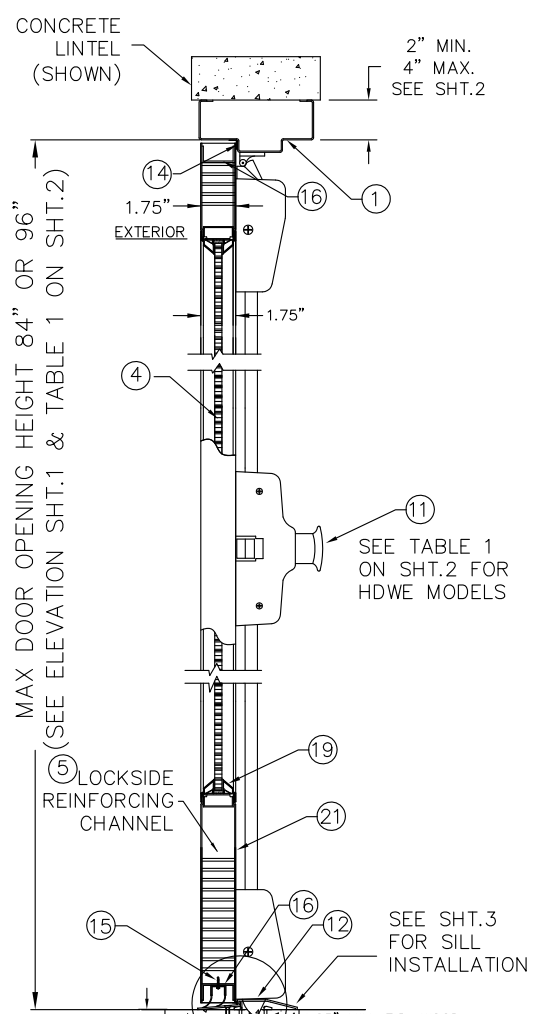
**SURFACE VERTICAL ROD EXIT DEVICE.**  
SECTION B-B

CONFIGURATION 4 (SEE SHT.1)



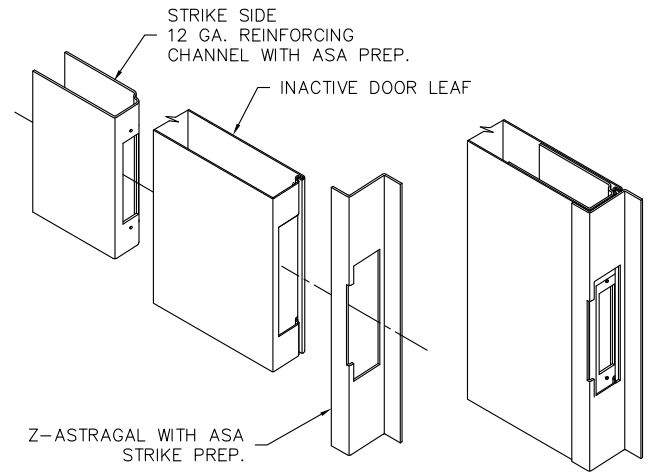
**CONCEALED VERTICAL ROD EXIT DEVICE.**  
SECTION B-B

CONFIGURATION 5 (SEE SHT.1)

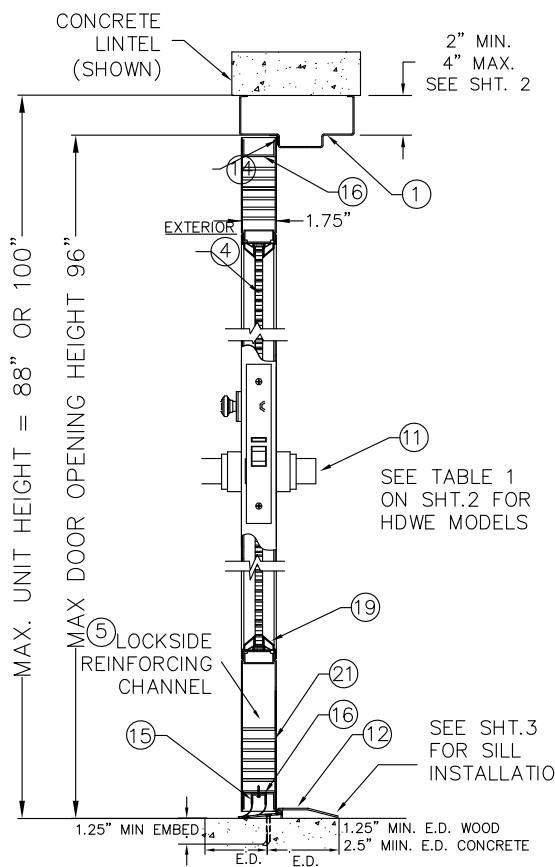


**3-POINT LATCHING EXIT DEVICE WITH HARDWARE MULLION**  
SECTION B-B

CONFIGURATIONS 6 & 8 (SEE SHT.1)

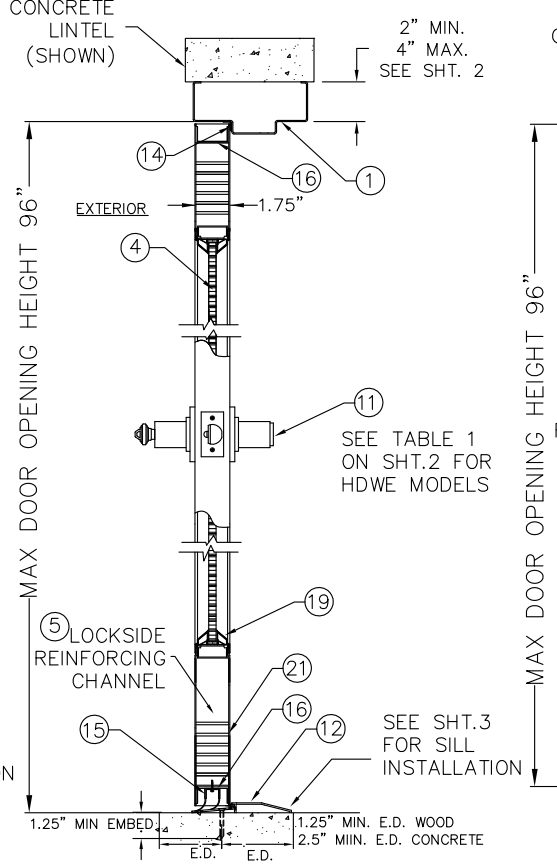


**INACTIVE LEAF ASA STRIKE PREP AND ASSEMBLY DETAIL**



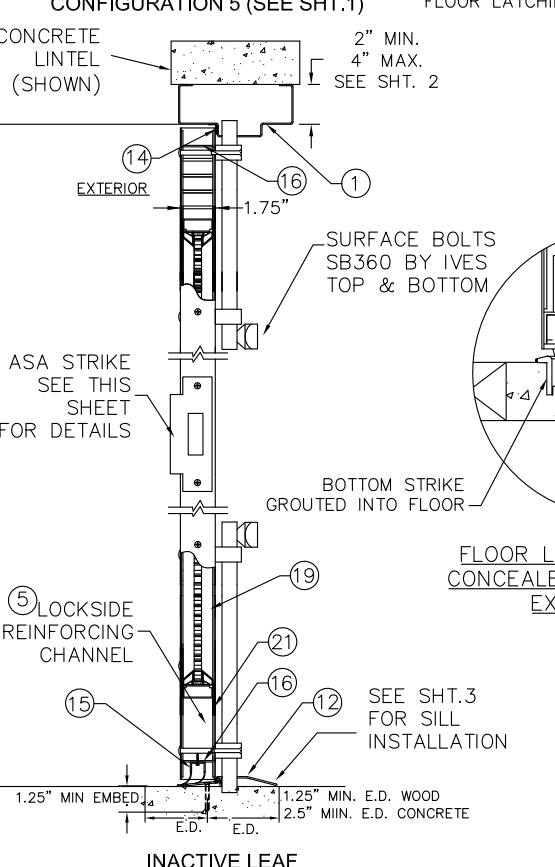
**MORTISE LOCKSET.**  
SECTION B-B

CONFIGURATION 10 (SEE SHT.1)



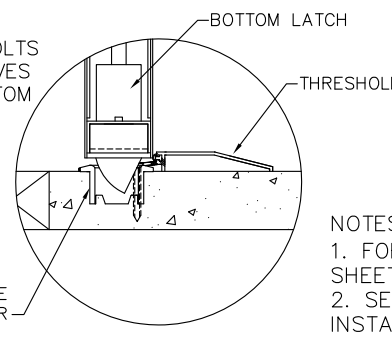
**CYLINDRICAL LOCKSET.**  
SECTION B-B

CONFIGURATION 11 (SEE SHT.1)

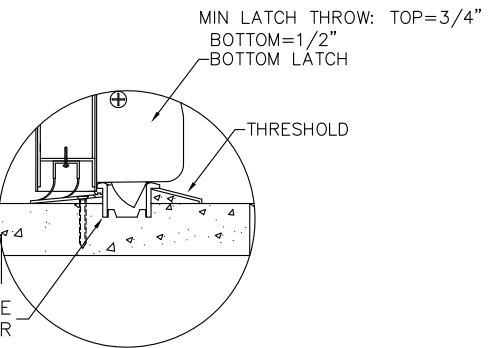


**INACTIVE LEAF**  
SECTION C-C

CONFIGURATIONS 10 & 11 (SEE SHT.1)

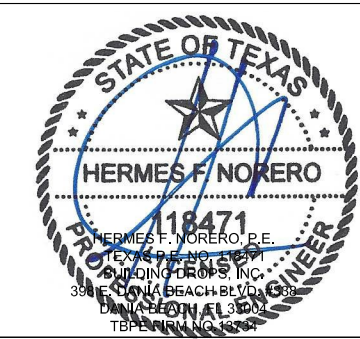


**FLOOR LATCHING DETAIL SURFACE VERTICAL ROD EXIT DEVICE**

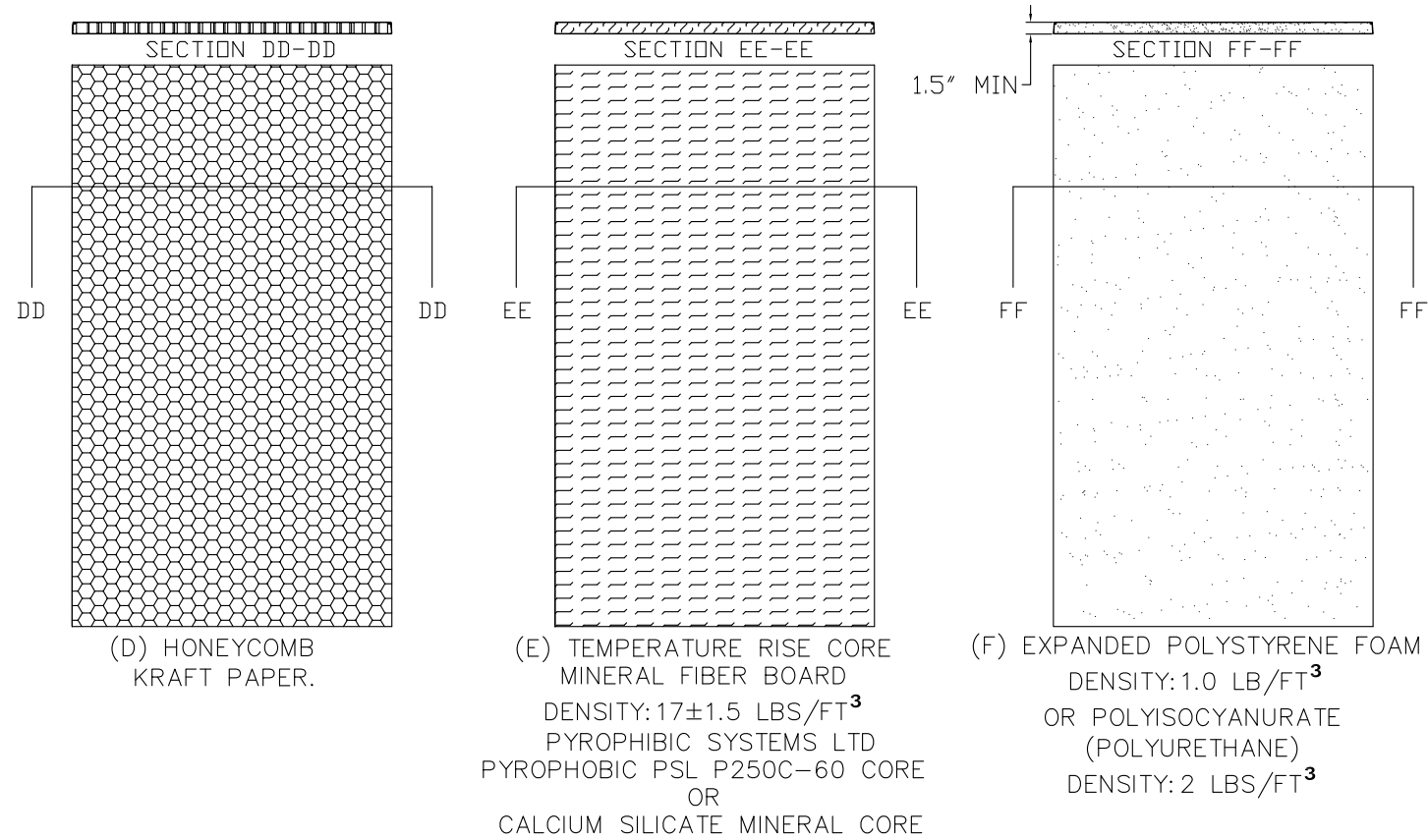
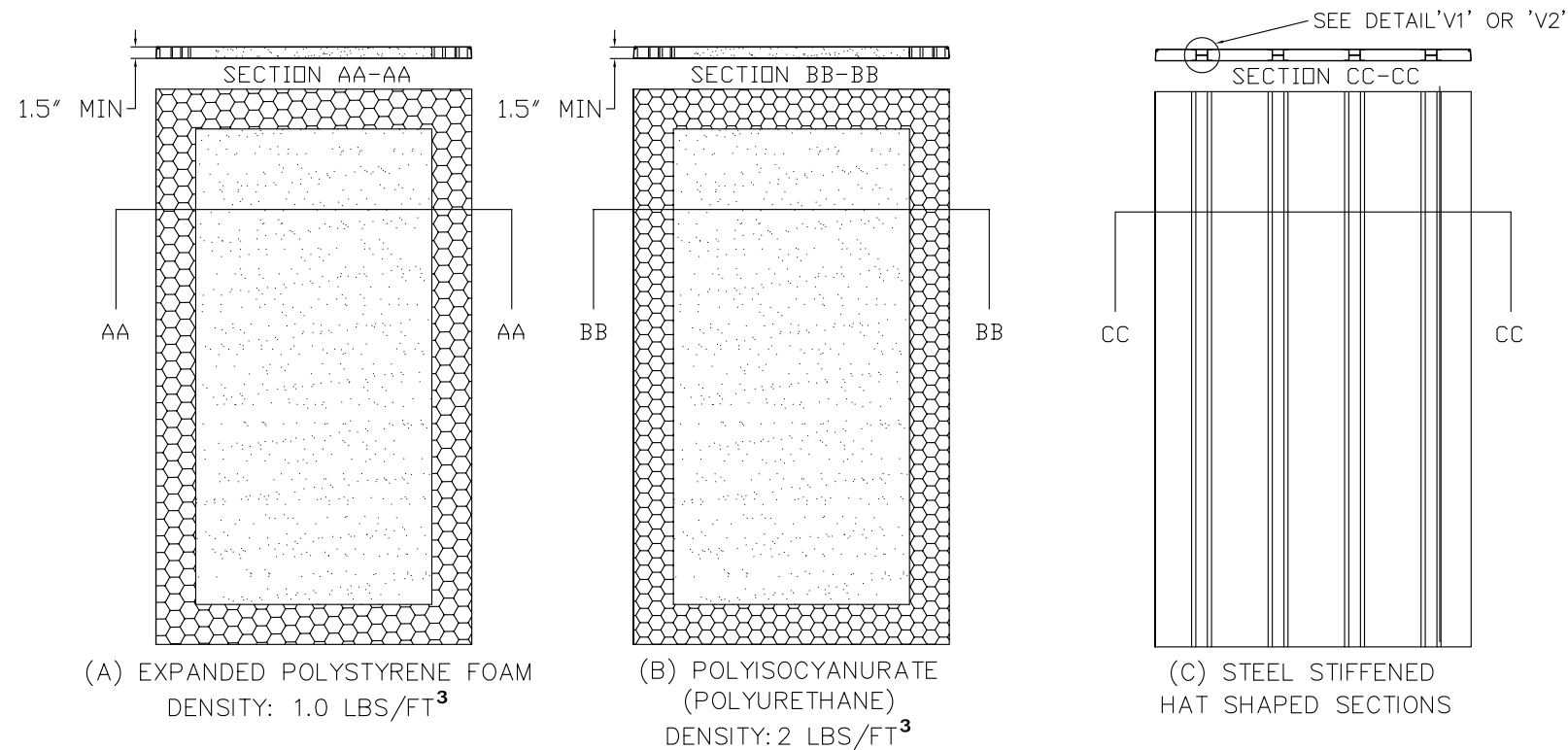


**FLOOR LATCHING DETAIL CONCEALED VERTICAL ROD EXIT DEVICE**

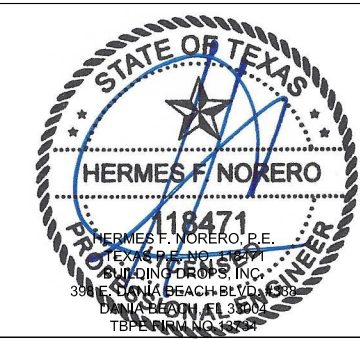
**NOTES:**  
1. FOR MAXIMUM DOOR OPENING AND GLASS (DLO) SIZE, SEE TABLE 1 ON SHEET 2 AND SHEETS 10 & 11 FOR LIMITATIONS.  
2. SEE SHEETS 4 & 20 FOR ANCHOR INSTALLATION AND SILL INSTALLATION DETAILS



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE-OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN YMF	DATE 05/20/07	VERTICAL CROSS SECTIONS FOR GLASS DOUBLE DOORS.			
CHECKED		SIZE FLAT	DWG NO. IRGD07-T	REV B 1-9-20	
APPROVED		SCALE: NTS	AUTOCAD	SHEET 17 OF 20	
ENG. APPVL JPD	11/15/07				

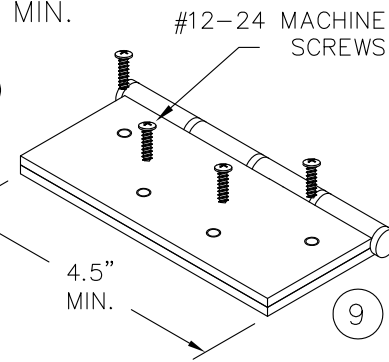


NOTES:  
1. CORE MATERIAL SHOWN WITHOUT CUTOUTS FOR REINFORCEMENTS

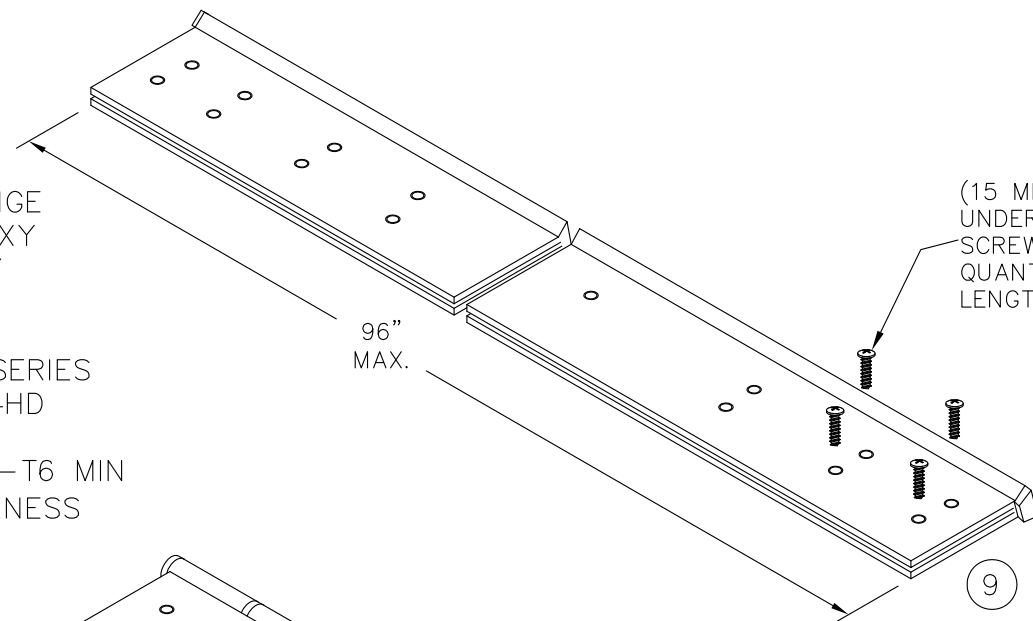


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN JPD	DATE 02/03/14	DOOR CORE OPTIONS		SIZE FLAT	DWG NO. IRGD07-T
CHECKED		SCALE: NTS	AUTOCAD	REV B	1-9-20
APPROVED				SHEET	18 of 20
ENG. APPVL					

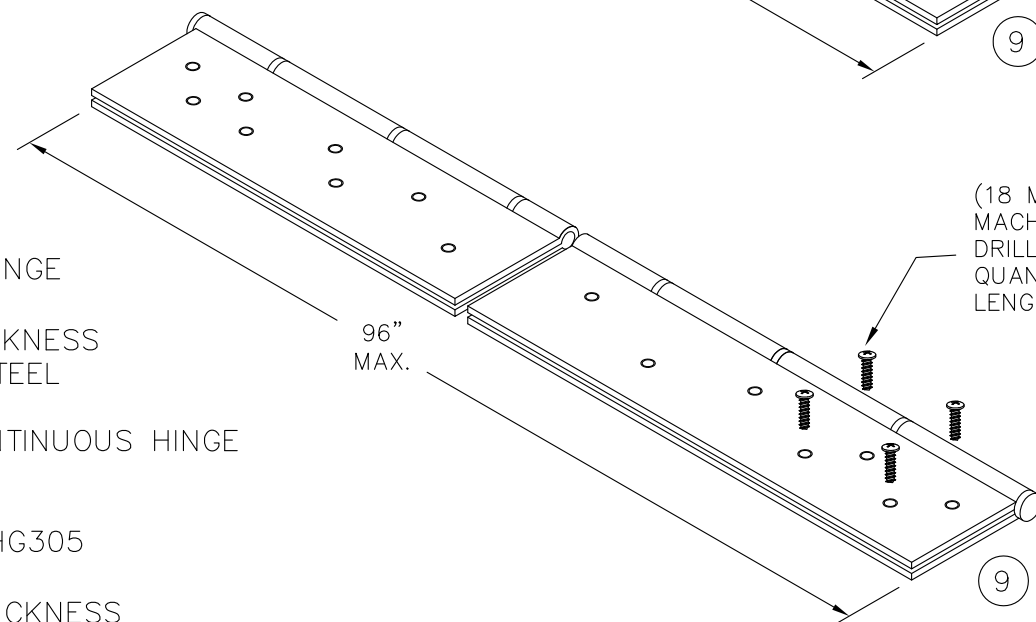
BUTT HINGE  
 4.5" X 4.5" STD. WT. MIN.  
 IVES 5BB1/3CB1  
 STANLEY FBB179/1900  
 HAGER BB1279  
 .134" MIN. THICKNESS  
 Fy MIN. = 36ksi



CONTINUOUS HINGE  
 IVES 112HD, 112XY  
 224HD & 224XY  
 STANLEY 661HD  
 SELECT SL11HD  
 PEMKO FM\_HD SERIES  
 HAGER 780-224HD  
 ABH A240HD  
 ALUMINUM 6036-T6 MIN  
 .110" MIN. THICKNESS



STEEL CONTINUOUS HINGE  
 IVES 600  
 .075 (14GA) MIN. THCKNESS  
 1012 COLD ROLLED STEEL  
 Fy MIN. 45ksi  
 STAINLESS STEEL CONTINUOUS HINGE  
 IVES 700, 700CS  
 HAGER 790-900  
 MARKAR FM-300 & HG305  
 ABH A500  
 .075" (14GA) MIN. THICKNESS  
 304 STAINLESS STEEL  
 Fy MIN. 31ksi



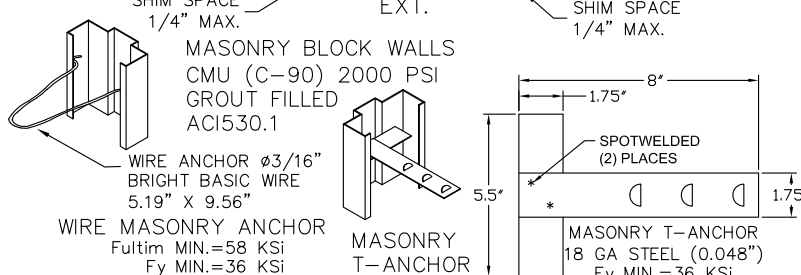
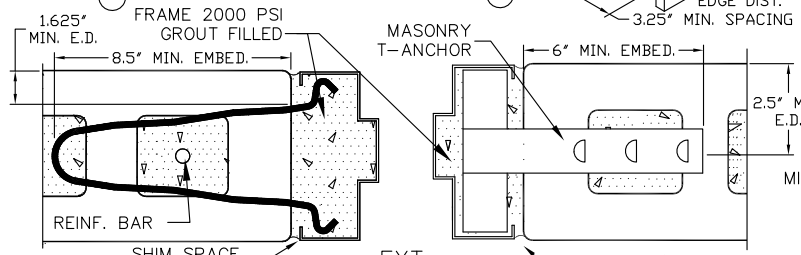
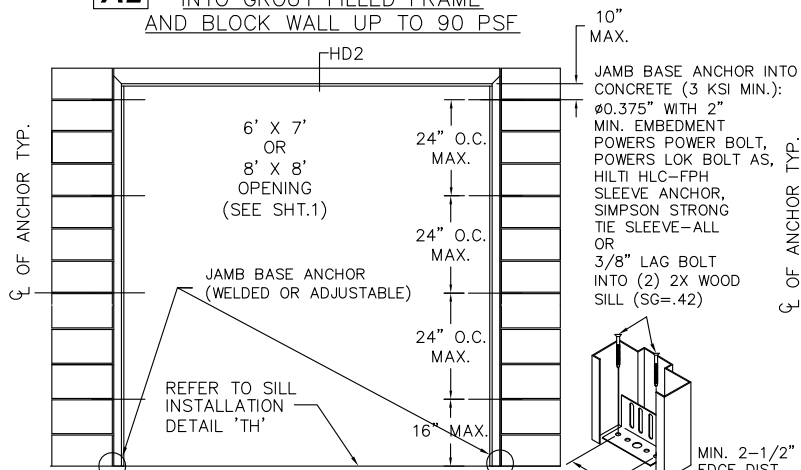
CONTINUOUS HINGE NOTES:

1. QUANTITY OF SCREWS VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
2. SCREW SPACING VARIES PER HINGE LENGTH, MANUFACTURER AND MODEL NUMBER
3. INSTALL HINGES PER THE MANUFACTURERS INSTALLATION INSTRUCTIONS

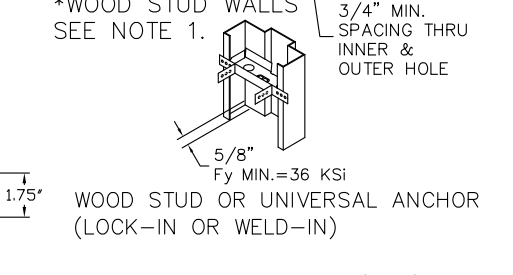
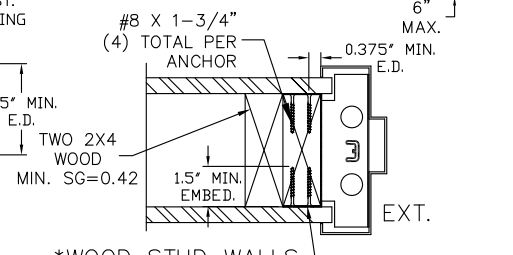
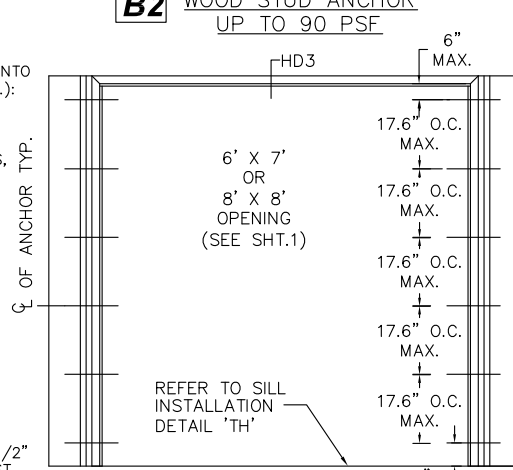


BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032			
 THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES			
DRAWN JPD	DATE 02/03/14	HINGE OPTIONS			
CHECKED		SIZE	FLAT	DWG NO. IRGD07-T	REV B 1-9-20
APPROVED		SCALE: NTS		AUTOCAD	SHT 19 OF 20
ENG. APPVL					

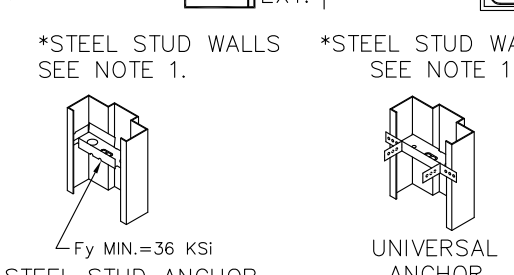
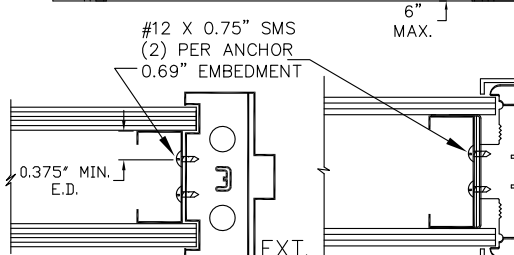
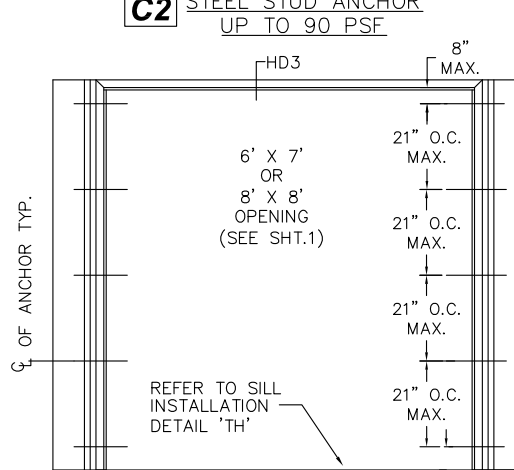
**A2** WIRE OR T MASONRY ANCHOR INTO GROUT FILLED FRAME AND BLOCK WALL UP TO 90 PSF



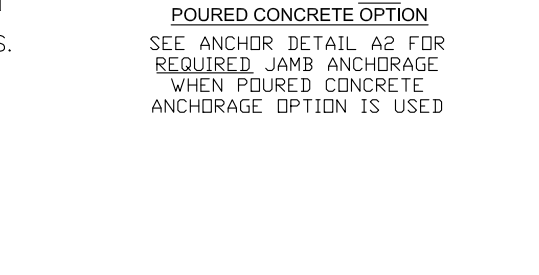
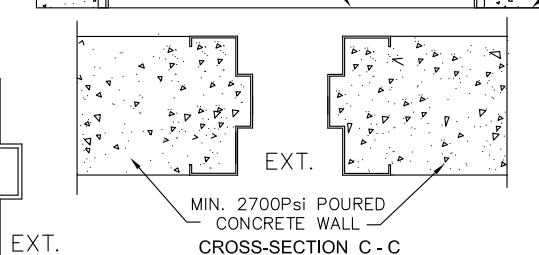
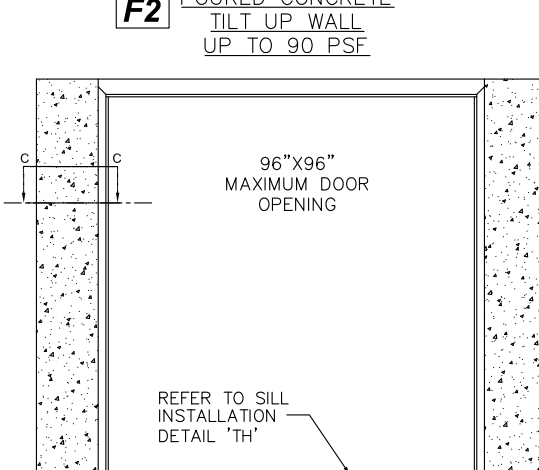
**B2** WOOD STUD ANCHOR UP TO 90 PSF



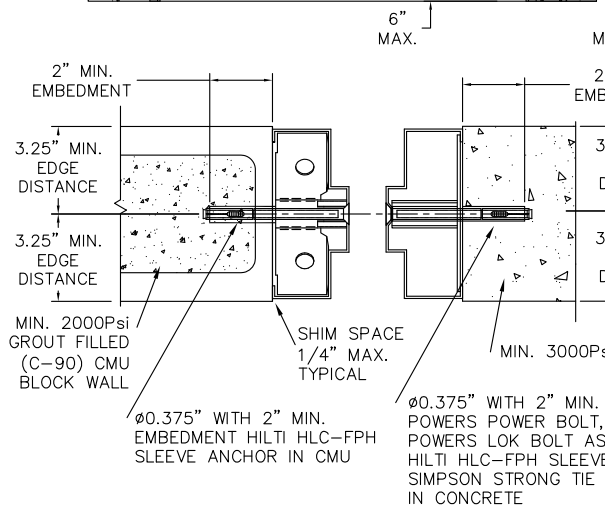
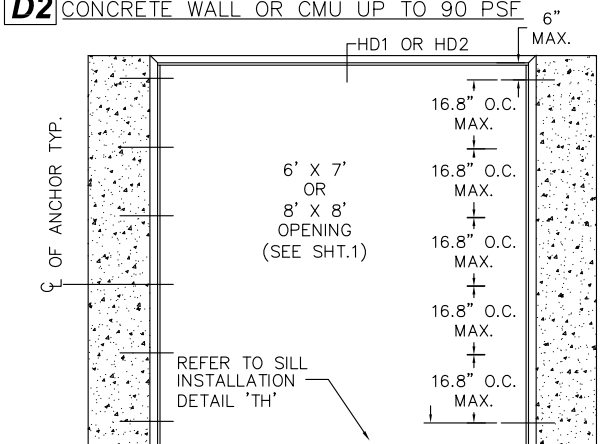
**C2** STEEL STUD ANCHOR UP TO 90 PSF



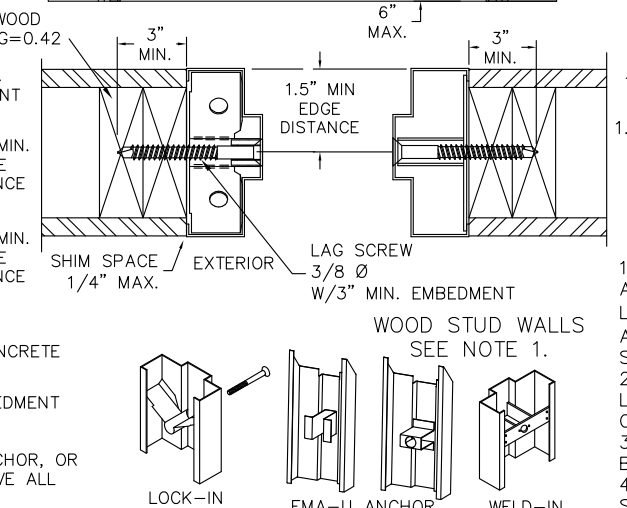
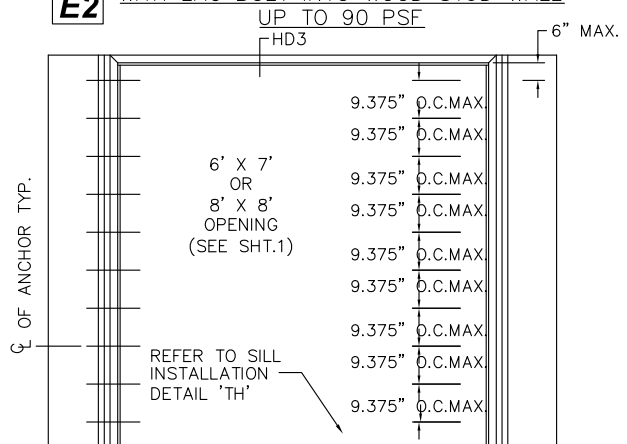
**F2** POURED CONCRETE TILT UP WALL UP TO 90 PSF



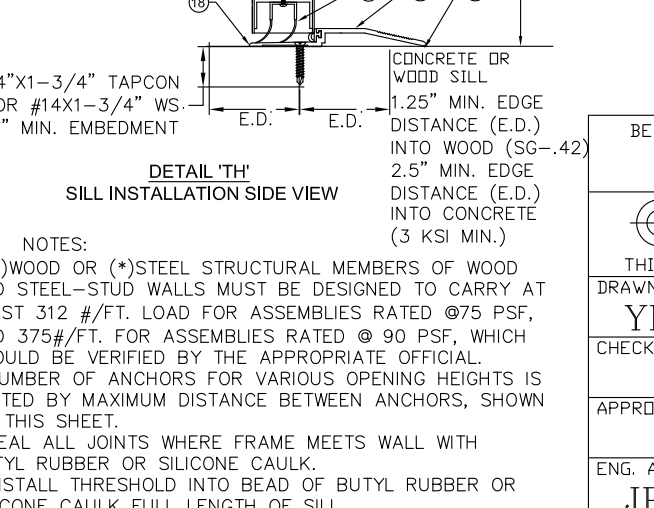
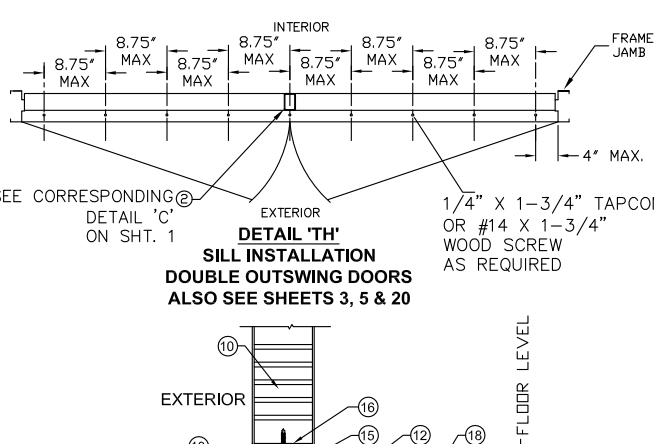
**D2** EXISTING MASONRY ANCHOR (EMA) INTO CONCRETE WALL OR CMU UP TO 90 PSF



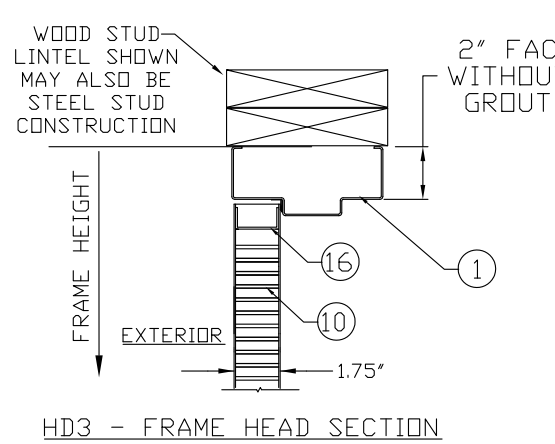
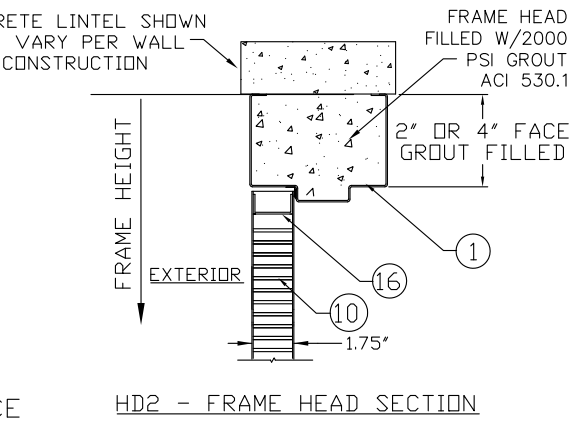
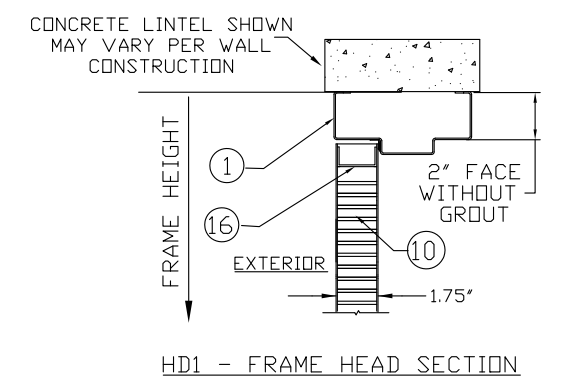
**E2** EXISTING MASONRY ANCHOR (EMA) WITH LAG BOLT INTO WOOD STUD WALL UP TO 90 PSF



**DETAIL 'TH'** SILL INSTALLATION DOUBLE OUTSWING DOORS ALSO SEE SHEETS 3, 5 & 20



NOTES:  
 1. (\*WOOD OR (\*)STEEL STRUCTURAL MEMBERS OF WOOD AND STEEL-STUD WALLS MUST BE DESIGNED TO CARRY AT LEAST 312 #/FT. LOAD FOR ASSEMBLIES RATED @75 PSF, AND 375#/FT. FOR ASSEMBLIES RATED @ 90 PSF, WHICH SHOULD BE VERIFIED BY THE APPROPRIATE OFFICIAL.  
 2. NUMBER OF ANCHORS FOR VARIOUS OPENING HEIGHTS IS LIMITED BY MAXIMUM DISTANCE BETWEEN ANCHORS, SHOWN ON THIS SHEET.  
 3. SEAL ALL JOINTS WHERE FRAME MEETS WALL WITH BUTYL RUBBER OR SILICONE CAULK.  
 4. INSTALL THRESHOLD INTO BEAD OF BUTYL RUBBER OR SILICONE CAULK FULL LENGTH OF SILL



BEND RADIUS		SCHLAGE LOCK COMPANY, LLC 11819 N. PENNSYLVANIA STREET CARMEL, IN 46032	
THIRD ANGLE PROJECTION		TITLE: STEELCRAFT H SERIES DOUBLE OUTSWING GLAZED COMMERCIAL STEEL DOORS WITH AND WITHOUT PANIC EXIT DEVICES	
DRAWN YMF	DATE 05/20/07	ANCHOR DETAILS / INSTALLATION CONDITIONS FOR ASSEMBLIES WITH A DESIGN PRESSURE RATING GREATER THAN 75 PSF UP TO AND INCLUDING 90 PSF	
CHECKED		SIZE FLAT	DWG NO. IRGD07-T
APPROVED		SCALE: NTS	REV B 1-9-20
ENG. APPVL JPD	10/12/07	AUTOCAD	SHEET 20 OF 20