



**MIAMI-DADE COUNTY, FLORIDA**  
**BUILDING CODE COMPLIANCE OFFICE (BCCO)**  
**PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA**  
**METRO-DADE FLAGLER BUILDING**  
**140 WEST FLAGLER STREET, SUITE 1603**  
**MIAMI, FLORIDA 33130-1563**  
**(305) 375-2901 FAX (305) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

**Artek Door (1985) Ltd**  
**225 Wyecroft Road,**  
**Oakville, Ontario L6K-3S3**  
**Canada**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTIO: Series "LS-18" Single Outswing Steel Commercial Door-Impact**

**APPROVAL DOCUMENT:** Drawing No "ART-100-001", titled "Series LS18 Out-swinging Steel Entrance Door", sheets 1 through 5 of 5 prepared by manufacturer, dated 2/10/04 last revised on 04-30-04 (sheets 2, 4 & 5) and 0510-04 (sheets 1 & 3), signed and sealed by Eric S. Nielsen, P. E. , bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



**NOA No 04-0220.01**  
**Expiration Date: June 03, 2009**  
**Approval Date: June 03, 2004**  
**Page 1**

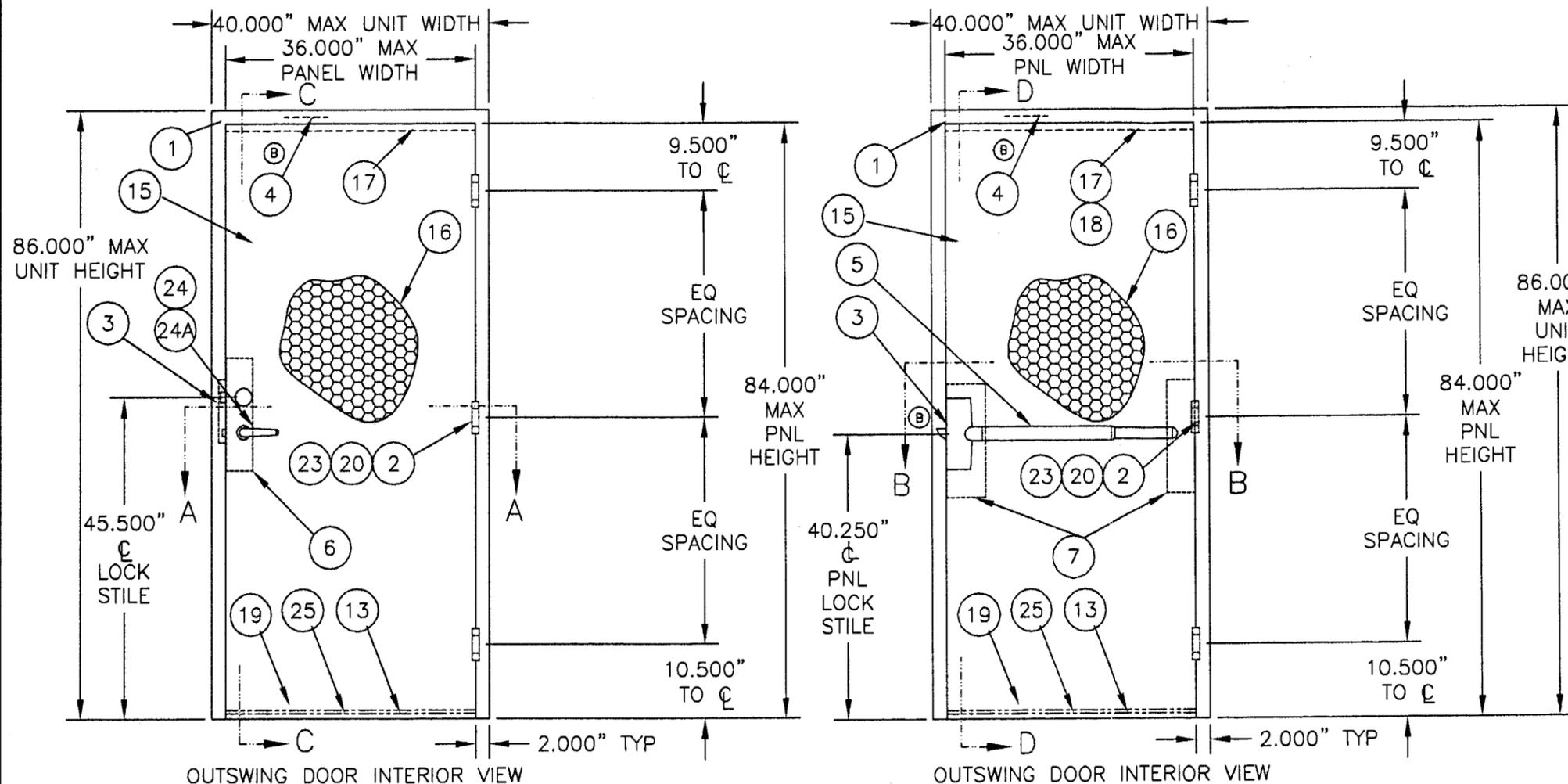
5/12/04

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. **DRAWINGS**
1. Manufacturer's parts and sections drawings.
  2. Drawing No "ART-100-001", titled "Series LS18 Out-swinging Steel Entrance Door", sheets 1 through 5 of 5 prepared by manufacturer, dated 2/10/04 last revised on 04-30-04 (sheets 2, 4 & 5) and 0510-04 (sheets 1 & 3), signed and sealed by Eric S. Nielsen, P. E.
- B. **TESTS**
1. Test Report No. **FTL-3900 (03125)**, prepared by Fenestration Testing Laboratory, Inc., dated September 18, 2003, signed and sealed by Joseph Chan, P.E., for the following tests:
    - 1) Air Infiltration Test, per FBC, TAS 202-94
    - 2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
    - 3) No Water Resistance Test performed.
    - 4) Large Missile Impact Test per FBC, TAS 201-94
    - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
    - 6) Forced Entry Test, per TAS 202-94along with manufacturer's parts and section drawings marked by Fenestration Testing Laboratory Inc.
- C. **CALCULATIONS:**
1. Anchor Calculations and structural analysis, prepared by Product Technology Corporation, dated 02/18/04 and last revised on 04-30-04, signed and sealed by Eric Nielsen, P. E.
- D. **QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. **MATERIAL CERTIFICATIONS**
1. Tensile Test report No. **FTL-01325**, dated September 04, 2003 per ASTM E-8 for steel face sheet, prepared by Fenestration Testing laboratory Inc, signed and sealed by Edmando J. Largaespada, P.E., on 04-01-04 based on review of original test.
- F. **STATEMENTS**
1. Statement letter of conformance and no financial interest, dated May 1st, 2004, issued by Product Technology corp., signed and sealed by Eric Nielsen, P.E.
  2. Laboratory Compliance statement issued as part of test report.
- G. **OTHER**
1. (4) Distributor Agreements (Artek Door Ltd & Naples Lumber, Fl, First Door of Florida, Door Master of Broward, Fl, TransDoor Fl.)

Ishaq I. Chanda  
Ishaq I Chanda, P.E.  
Product Control Examiner  
NOA No 04-0220.01  
Expiration Date: June 03, 2009  
Approval Date: June 03, 2004

REV	DESCRIPTION	REV BY	DATE
A	REV PER DADE MARK UP	RAE	04/21/04
B	REV PER DADE MARK UP	BB	05/10/04



DESIGN PRESSURE RATING (OUTSWING SINGLE DOOR)

	WHERE WATER INFILTRATION REQUIREMENT IS NEEDED*	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED OR PROTECTED BY OVERHANG*
POSITIVE	NOT APPROVED WITHOUT OVERHANG*	+90.0
NEGATIVE	NOT APPROVED WITHOUT OVERHANG*	-90.0

\*UNIT SHALL BE INSTALLED AT LOCATION PROTECTED BY OVERHANG SUCH THAT OVERHANG RATIO (OH)=OH LENGTH / OH HEIGHT GREATER THAN 1.

EGRESS/ESCAPE REQUIREMENT TO FBC COMPLIANCE TO BE REVIEWED BY BLDG OFFICAL PER SPECIFIC APPLICATION BASIS.

NOTES:

- ONE ROW OF PEMKO WEATHER STRIP S-88 AT HEAD AND BOTH JAMBS, ONE ROW OF BULB VINYL AT THRESHOLD.
- SEE SHEET 4 FOR APPROVED ANCHOR TYPES, AND INSTALLATION REQUIREMENTS AND MAX ANCHOR SPACING.
- MAX ALLOWABLE SHIM SPACE IS 1/4". APPLY LOAD BEARING SHIM @ EACH ANCHOR LOCATION AS REQD.
- APPLY CAULK AS NEEDED.
- ELEVATIONS SHOWN ARE VIEWED FROM INTERIOR.
- PRODUCT IS APPROVED FOR USE WHERE LARGE AND SMALL MISSILE IMPACT RESISTANCE IS REQD. ADDITIONAL IMPACT RESISTIVE SYSTEM IS NOT REQD.
- PERIMETER FRAME BOTH EXTERIOR & INTERIOR, FRAME SILL & INSTALLATION SCREWS TO BE SEALED WITH GE SILICONE.

Approved as complying with the Florida Building Code  
 Date JUNE 03, 2004  
 NOA# 04-0270-01  
 Miami Dade Product Control Division  
 By Shag I. Ch...

ITEM	QTY	DESCRIPTION	MATERIAL	SIZE
1	1	FRAME HEAD/JAMB DOUBLE RABBET PROFILE	ASTM A653 16 GA	2" FACE 5 3/4" JAMB DEPTH MIN
2	3	JAMB HINGE REINFORCEMENTS	10 GA (.138) STL	1 1/2" X 9 1/4"
3	1	JAMB LOCK REINFORCEMENTS	16 GA (.055) STL	1 1/2" X 8"
4	1	HEADER CLOSER REINFORCEMENT	16 GA (.055) STL	1 3/4" X 12"
5	1	PANIC DEV RIM W/ 641 STRIKE PL	SARGENT 12-3828F 28L-LL	
6	1	U CHANNEL REINF FOR CYLINDER LOCK	16 GAUGE STEEL	4" X 1 5/8" X 16"
7	2	U CHANNEL REINF FOR PANIC DEVICE	16 GAUGE STEEL	4" X 1 5/8" X 16"
8	8	WING BUTTERFLY WELDED MASONRY ANCHOR	18 GA (.044 MIN) STL	
9	8	PIPE STYLE WELDED MASONRY ANCHOR	18 GA (.044 MIN) STL	
10	8	3/8" DYNABOLT SLEEVE ANCHOR	ITW/RAMSET/REDHEAD FSA 3850 1008 CRS	
11	AR	CAULK	GE SILICONE EXTERIOR SEALANT OR EQUAL	
12	AR	SILICONE SEAL	PEMKO S88	
13	1	THRESHOLD	PEMKO 177AT	
14	10	#14 FLAT HEAD SCREW		
15	1	DOOR SKIN	16 GA (0.059 MIN) STL Fy=44 .6 KSI	36 3/4" X 83 1/8"
16	1	DOOR CORE	KRAFT HONEYCOMB CORE	180 PLY 1" CELL
17	1	DOOR TOP CHANNEL	18 GA (.044 MIN) STL	1 1/4" X 1 5/8" X 35 1/2"
18	1	DOOR CLOSER REINFORCEMENT	16 GA (.055 MIN) STL	3 7/8" X 1 5/8" X 35 1/2"
19	1	DOOR BOTTOM CHANNEL	18 GA (.044 MIN) STL	1 1/4" X 1 5/8" X 35 1/2"
20	3	DOOR HINGE REINFORCEMENT	10 GA (.138) STL	1 1/4" X 8 5/8"
21	3	Ø1/4" X 1 3/4" ELCO TAPCON	-	
22	1	DRIP CAP WITH SCREWS	ALUMINUM	39 3/4" LONG
23	3	HAGER HINGES	B81279	
24	1	SCHLAGE LOCKSET	A18OPD X JUP	
24A	1	SCHLAGE DEADLOCK	B660P	
25	1	HAGER DOOR SWEEP	752 S	4 1/2" X 4"

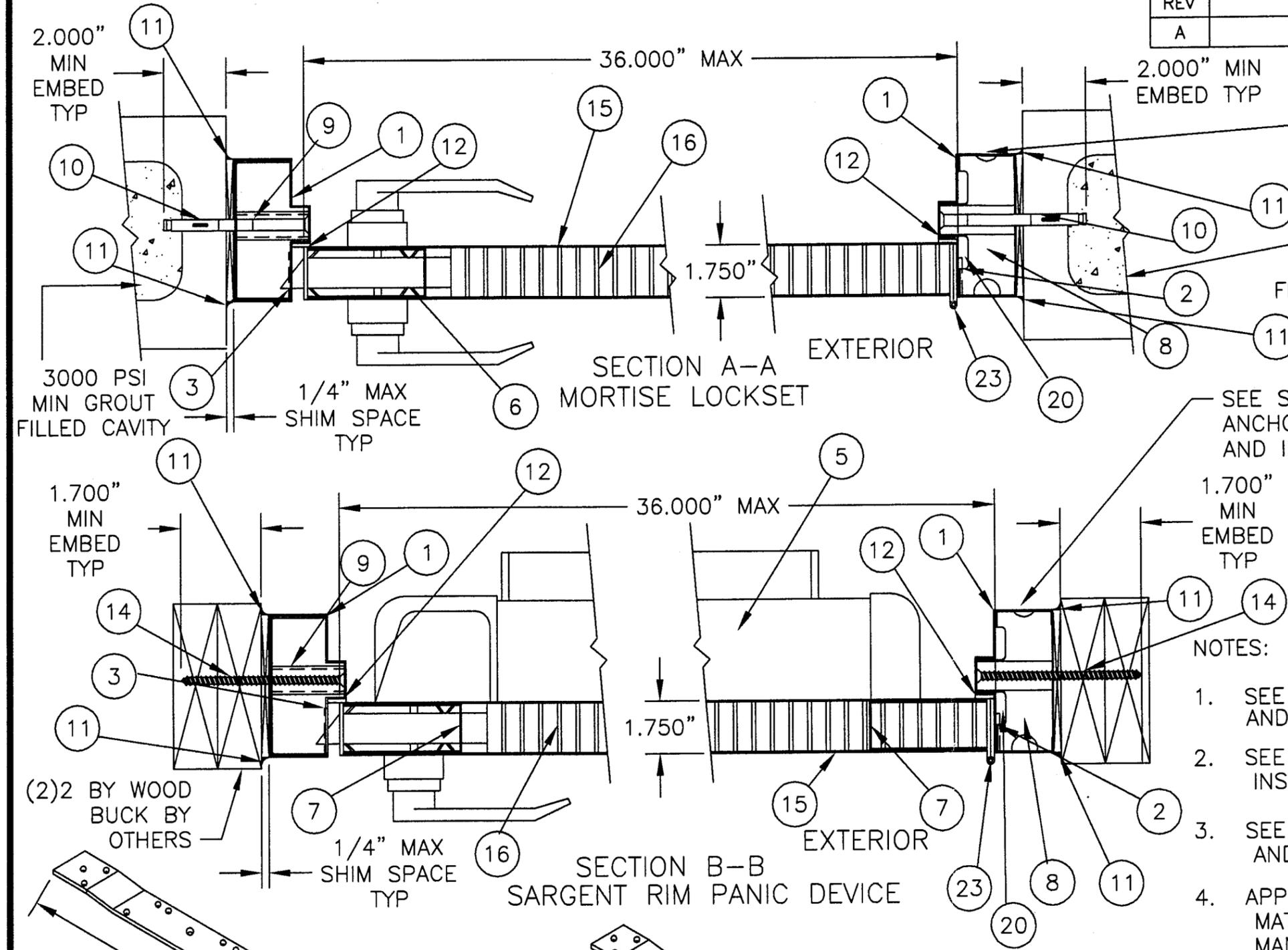
*ESNO*  
 Eric S. Nielsen 5/10/04  
 Florida P. E. No. 41323  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789

**ARTEK DOOR LTD** OAKVILLE, ONTARIO, CANADA

TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - ELEVATIONS AND BOM

ENGINEER: _____	DRN: RAE	DATE: 2/10/04
DISCIPLINE: _____	SCALE: 1" = 20"	DWG. NO: ART-100-001
FL. REG. NO: _____	REV. LETTER: B	SHEET: 1 OF 5

REV	DESCRIPTION	REV BY	DATE
A	REV PER DADE MARK UP	RAE	04/21/04



SEE SHEET 4 FOR ANCHORING OPTIONS AND INSTALLATION

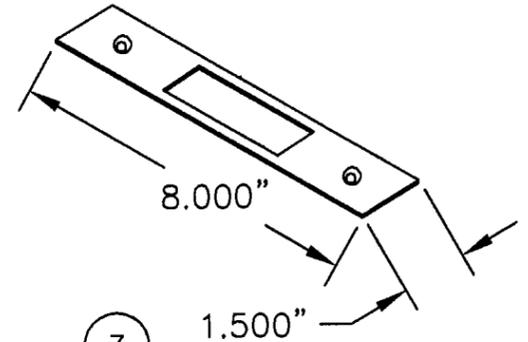
3000 PSI MIN GROUT FILLED CAVITY

SEE SHEET 4 FOR ANCHORING OPTIONS AND INSTALLATION

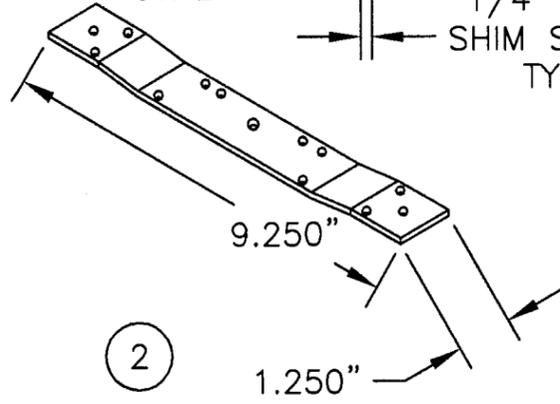
Approved as complying with Florida Building Code  
 Date: June 03, 2004  
 NOAH 04-0220.01  
 Miami Dade Product Control Division  
 By: Elmag I. Elhanda

NOTES:

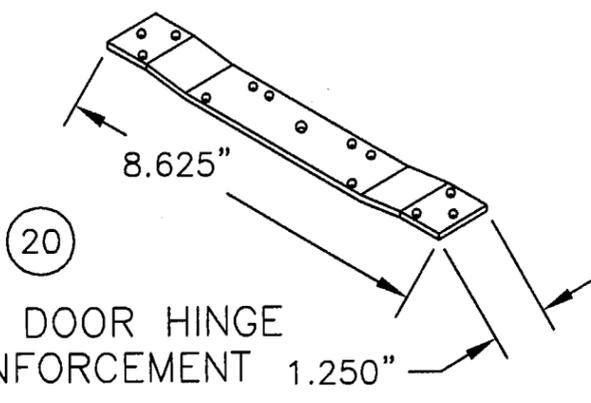
- SEE SHEET 1 FOR ELEVATIONS, BILL OF MATERIALS AND SIZE.
- SEE SHEET 4 FOR ANCHORING SYSTEM OPTIONS AND INSTALLATION.
- SEE SHEET 5 FOR FRAME AND THRESHOLD DIMENSIONS AND FRAME ASSEMBLY DETAILS.
- APPROVED DOOR HARDWARE AS LISTED IN BILL OF MATERIALS SHEET 1, MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.



16 GA FRAME LOCK REINFORCEMENT



10 GA FRAME HINGE REINFORCEMENT

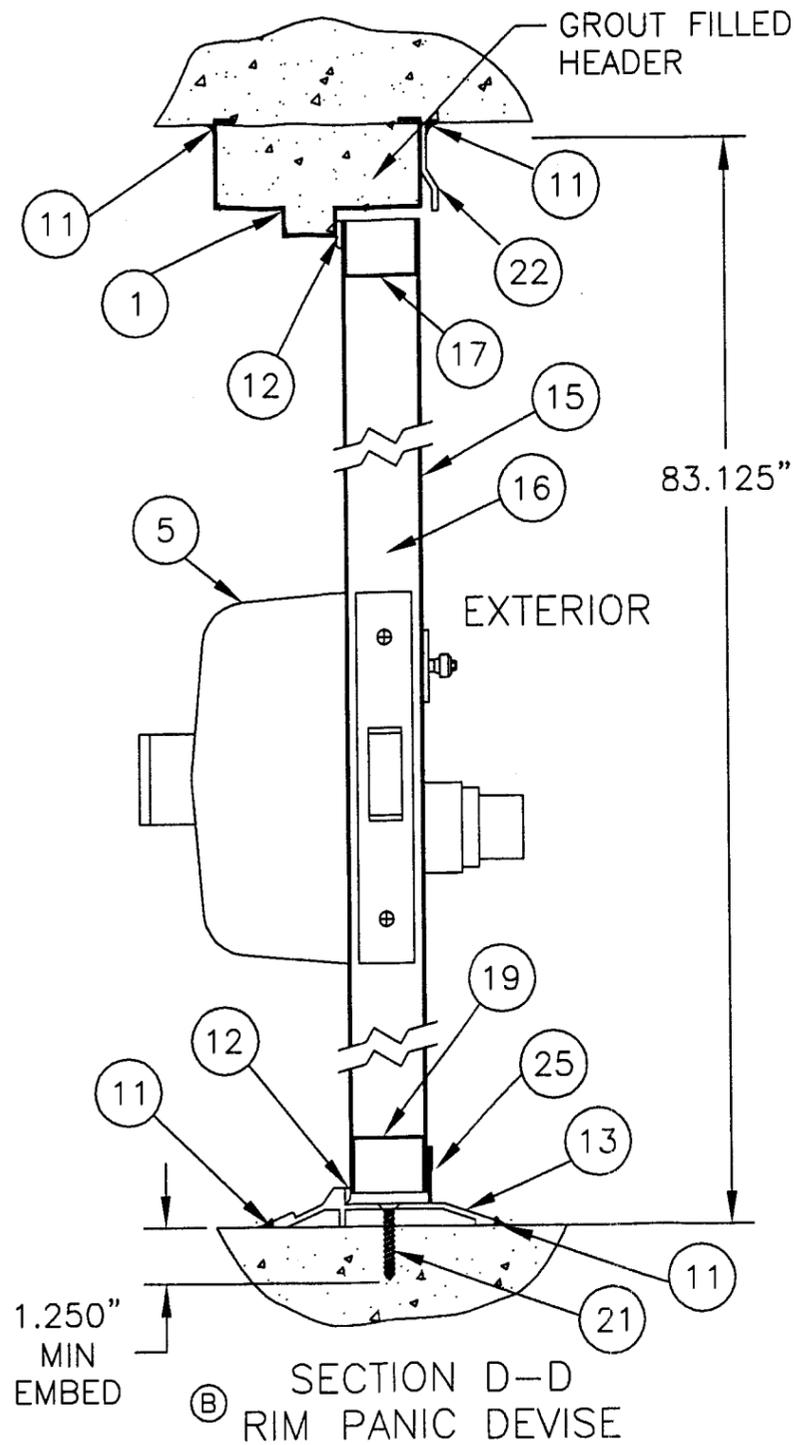
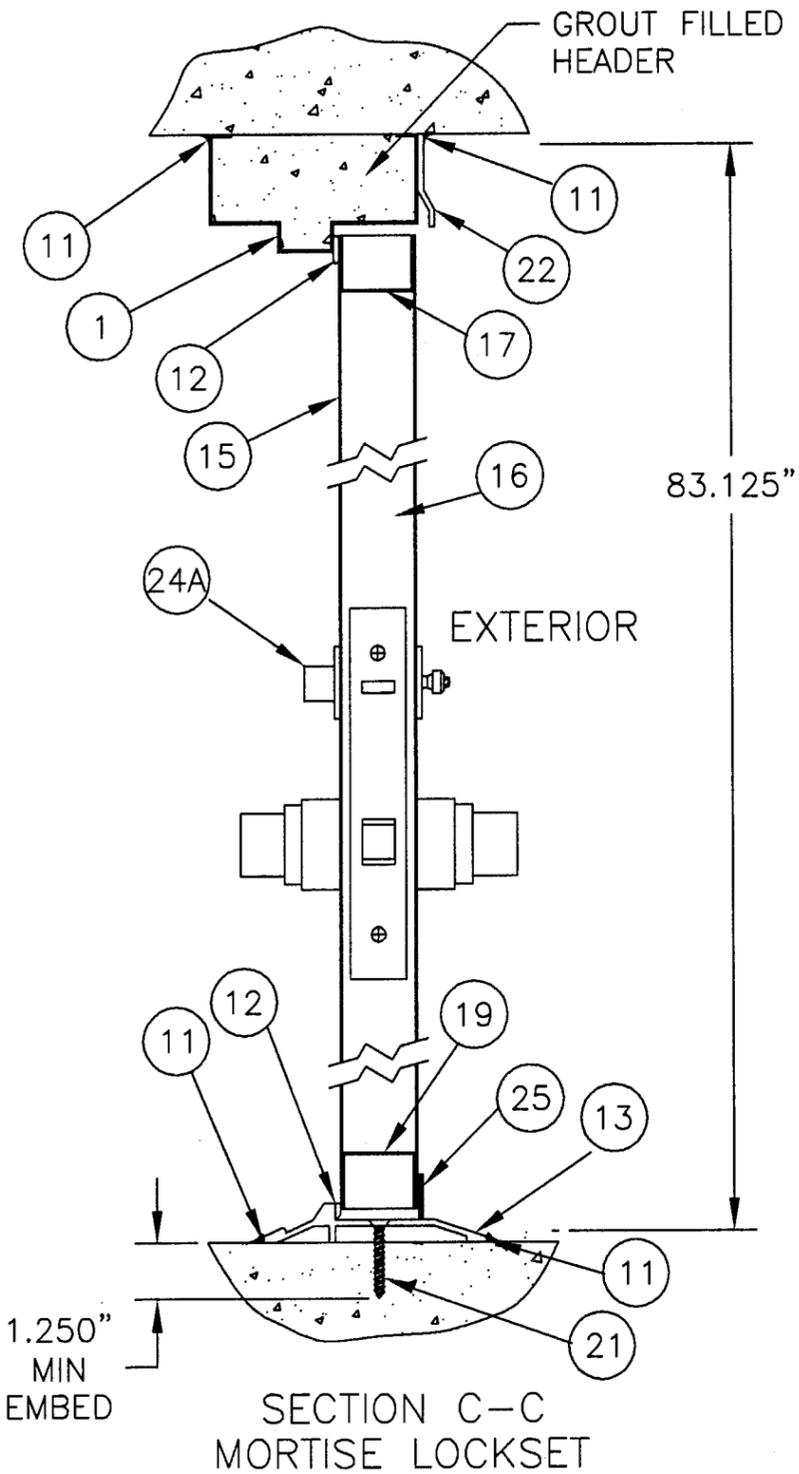


10 GA DOOR HINGE REINFORCEMENT

*ESN*  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789

<b>ARTEK DOOR LTD</b> OAKVILLE, ONTARIO CANADA		
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - VERTICAL SECTIONS		
ENGINEER: -----	DRN: RAE	DATE: 2/10/04
DISCIPLINE: -----	SCALE: 1" = 4"	DWG. NO: ART-100-001
FL. REG. NO: -----	REV. LETTER: A	SHEET: 2 OF 5

REV	DESCRIPTION	REV BY	DATE
A	REV PER DADE MARK UP	RAE	04/21/04
B	REV PER DADE MARK UP	BB	05/10/04



Approved as complying with the  
 Florida Building Code  
 Date: JUNE 03, 2004  
 NOA: 04-0220-01  
 Miami Dade Product Control  
 Division  
 By: Ishaq I. Chanda

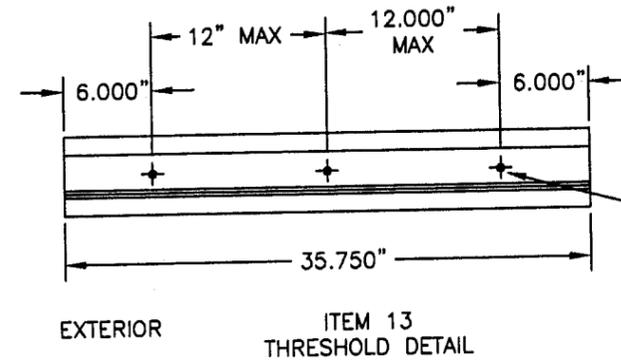
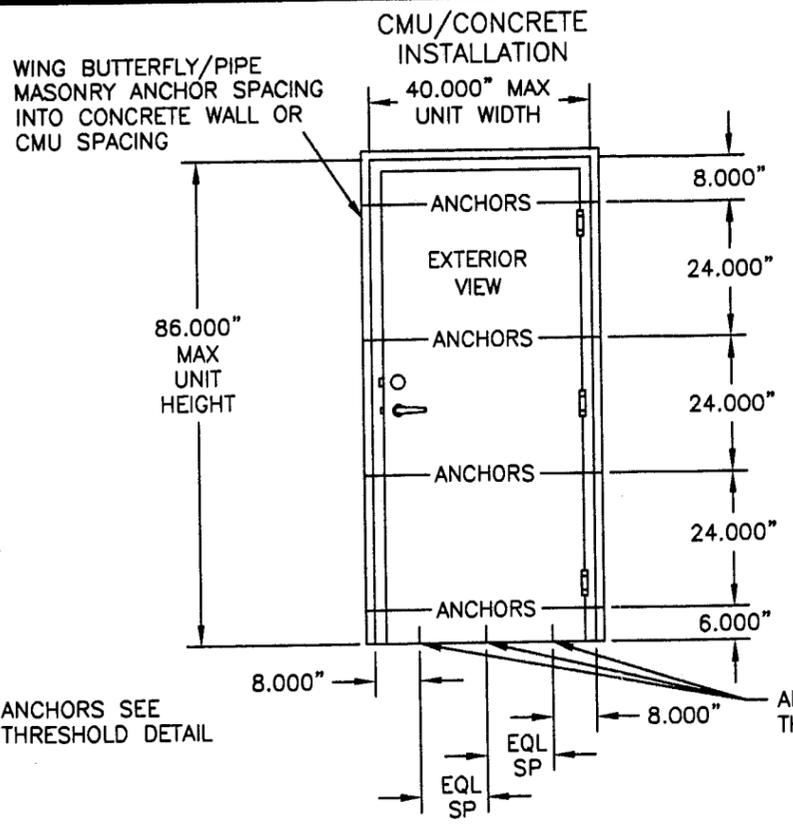
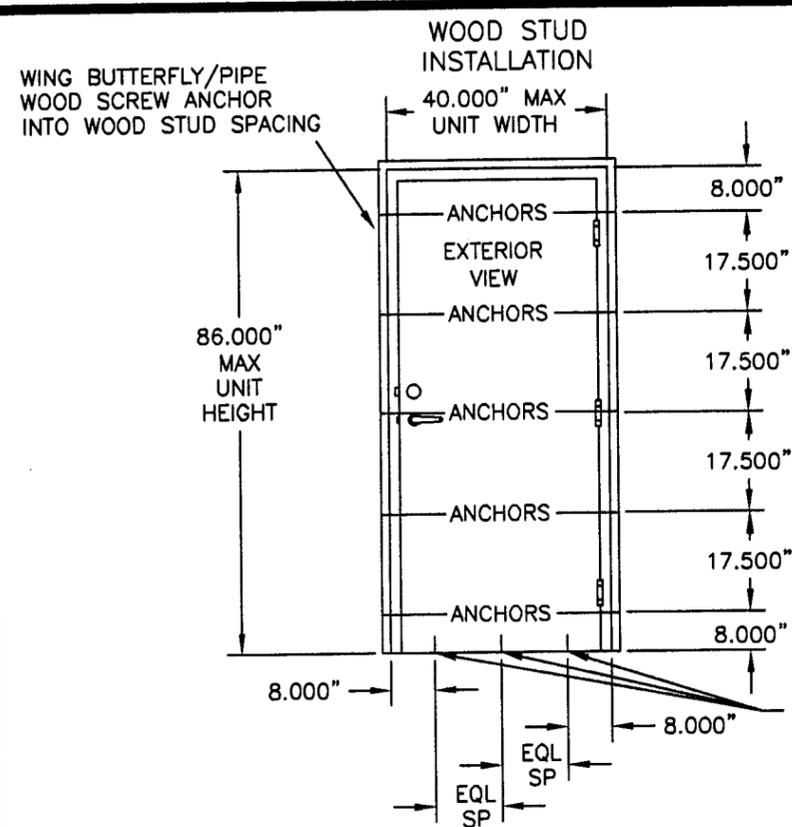
NOTES:

1. SEE SHEET 1 FOR ELEVATIONS, BILL OF MATERIALS AND SIZE.
2. SEE SHEET 4 FOR ANCHORING SYSTEM OPTIONS AND INSTALLATION.
3. SEE SHEET 5 FOR FRAME AND THRESHOLD DIMENSIONS AND FRAME ASSEMBLY DETAILS.
4. APPROVED DOOR HARDWARE AS LISTED IN BILL OF MATERIALS SHEET 1, MUST BE INSTALLED PER MANUFACTURER'S INSTRUCTIONS.

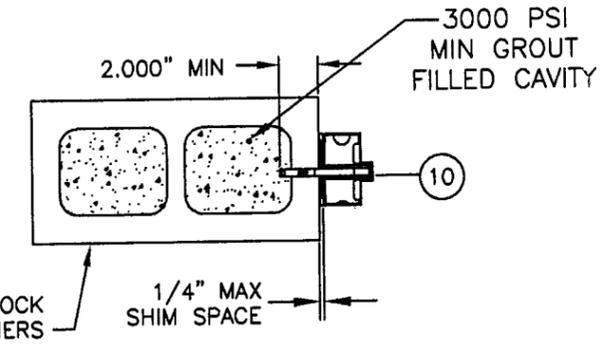
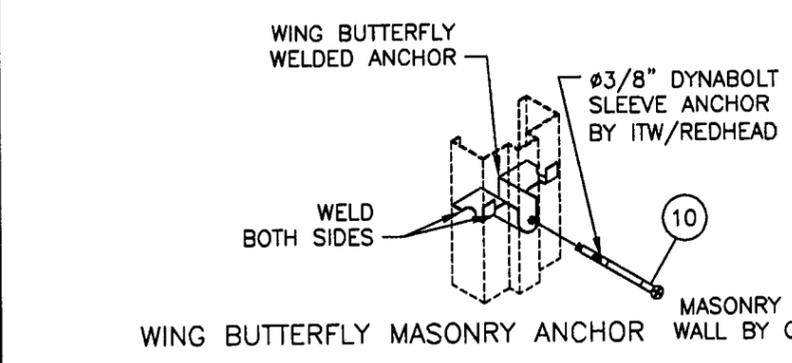
*ESN*  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789

<b>ARTEK DOOR LTD</b>		OAKVILLE, ONTARIO CANADA	
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - VERTICAL SECTIONS			
ENGINEER: _____	DRN: RAE	DATE: 2/10/04	
DISCIPLINE: _____	SCALE: 1" = 4"	DWG. NO: ART-100-001	
FL. REG. NO: _____	REV. LETTER: A	SHEET: 3 OF 5	

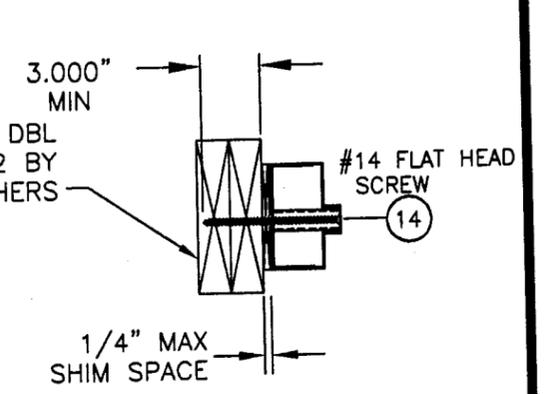
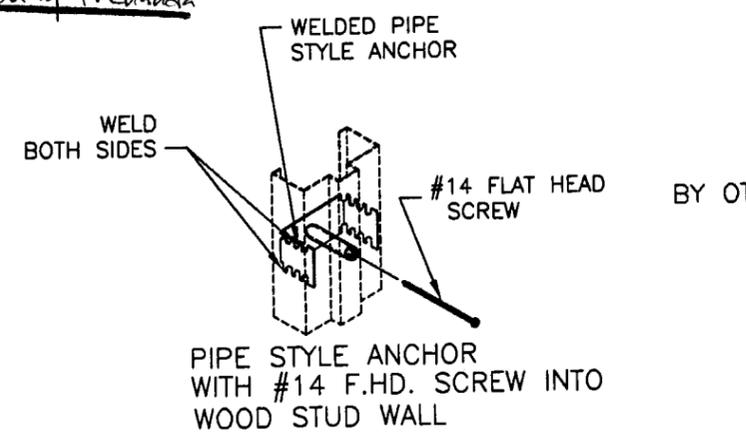
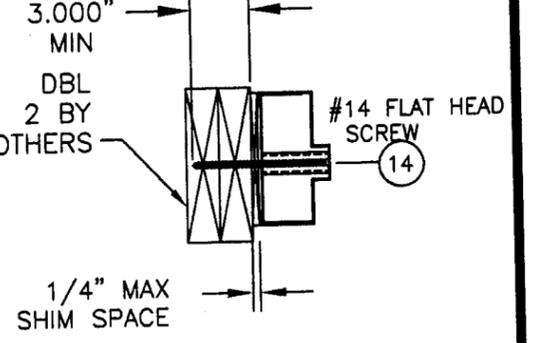
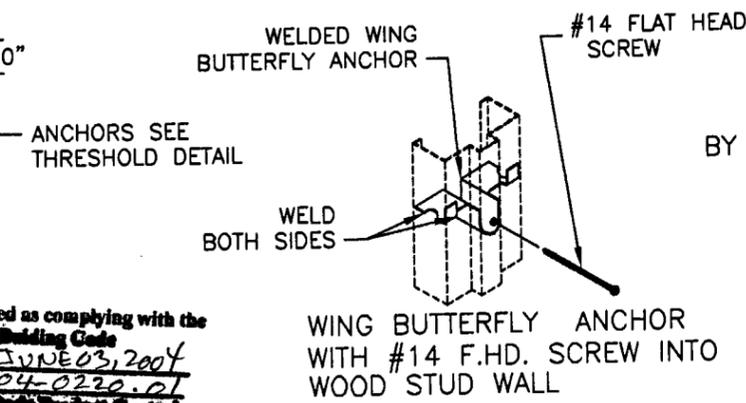
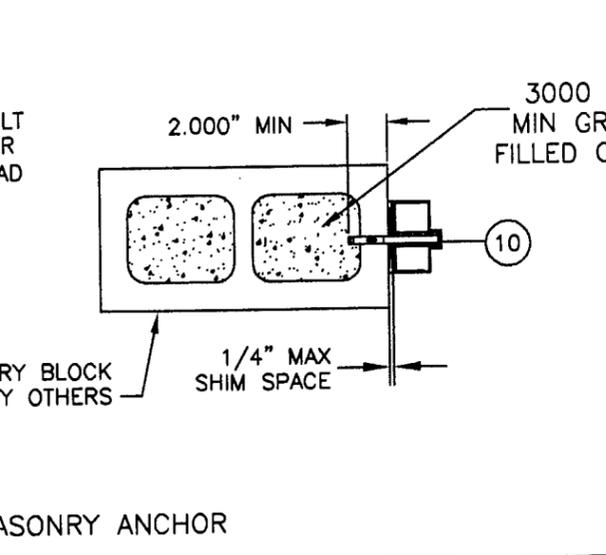
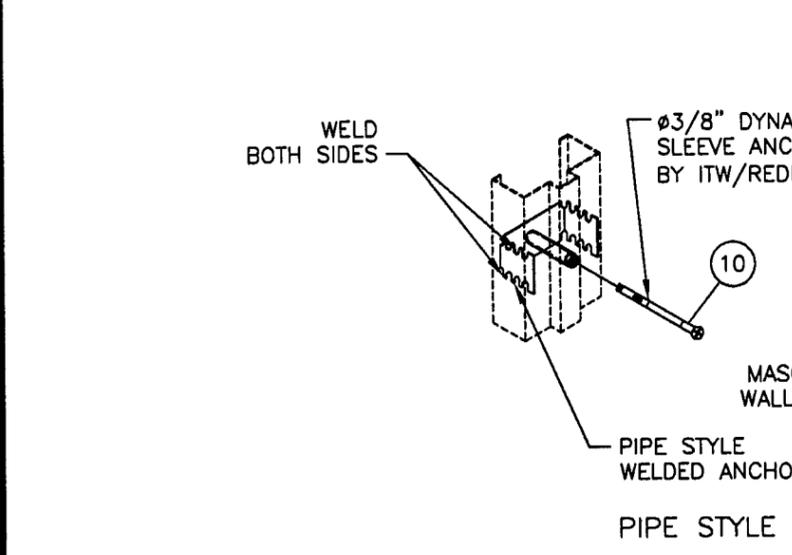
REV	DESCRIPTION	REV BY	DATE
A	REV PER DADE MARK UP	RAE	04/21/04



(21)  
 ø1/4" X 1 3/4" ELCO  
 TAPCON OF SUFFICIENT  
 LENGTH TO ACHIEVE 1 1/4"  
 MIN EMBEDMENT



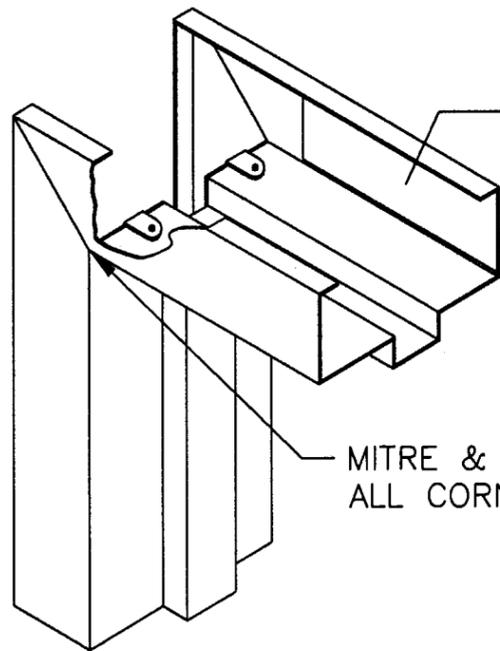
Approved as complying with the  
 Florida Building Code  
 Date: JUNE 03, 2004  
 NO. 04-0220-01  
 Signed: Isaac I. Chanda



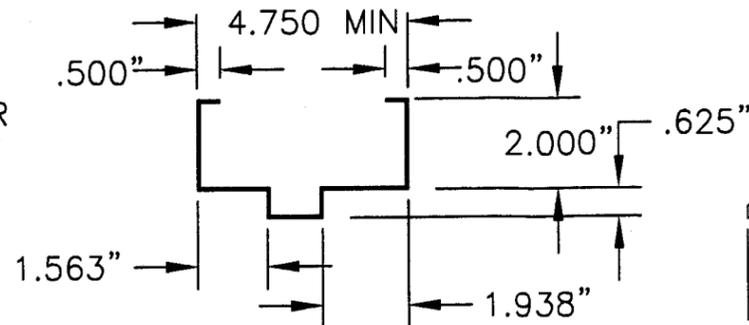
*ESN*  
 4/30/04  
 Eric S. Nielsen  
 Florida P. E. No. 41323  
 1150 Louisiana Ave., Suite 6  
 Winter Park, Florida 32789

<b>ARTEK DOOR LTD</b> OAKVILLE, ONTARIO CANADA		
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - ANCHOR DETAILS		
ENGINEER: _____	DRN: RAE	DATE: 2/10/04
DISCIPLINE: _____	SCALE: 1" = 8"	DWG. NO: ART-100-001
FL. REG. NO: _____	REV. LETTER: A	SHEET: 4 OF 5

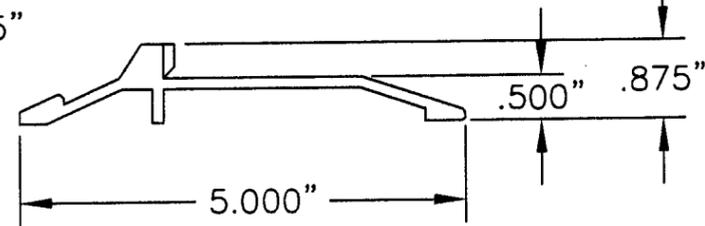
REV	DESCRIPTION	REV BY	DATE
A	REV PER DADE MARK UP	RAE	04/21/04



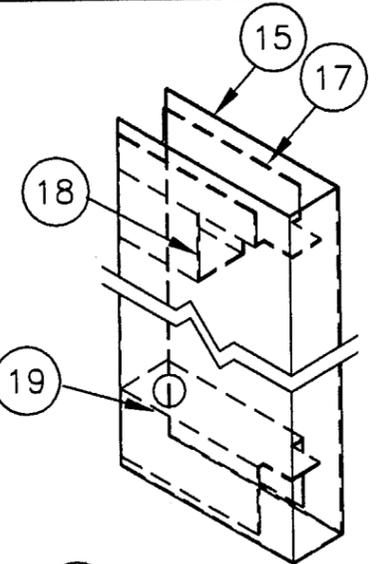
HEADER CLOSER REINFORCEMENT



ITEM 1  
FRAME DETAIL

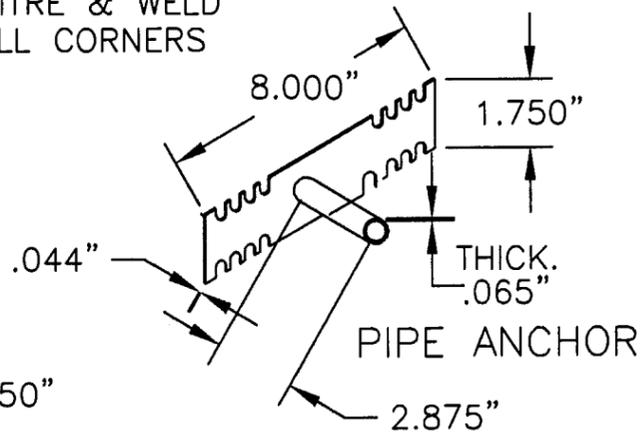


THRESHOLD  
PEMKO 177AT

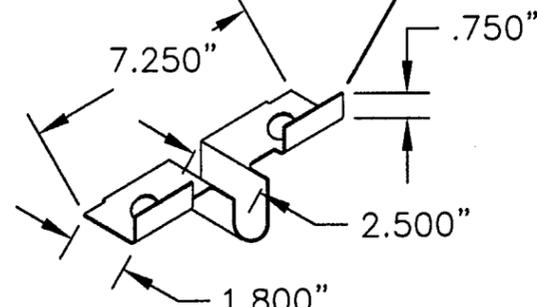


FRAME FABRICATION

MITRE & WELD ALL CORNERS

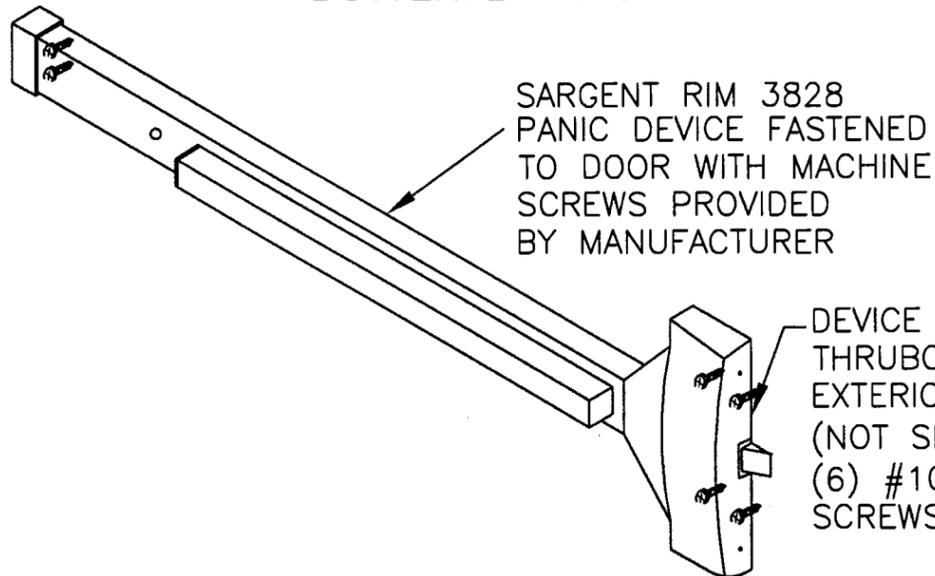


PIPE ANCHOR



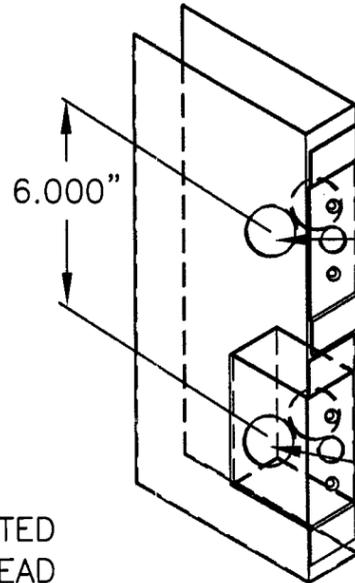
BUTTERFLY ANCHOR

STRIKE PLATE MOUNTED WITH 2 #10-24 FLAT HEAD MACHINE SCREWS PROVIDED BY SARGENT PANIC MANUFACTURER



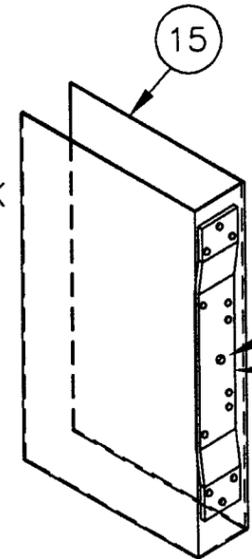
SARGENT RIM 3828 PANIC DEVICE FASTENED TO DOOR WITH MACHINE SCREWS PROVIDED BY MANUFACTURER

DEVICE CENTERCASE THRU BOLTED TO EXTERIOR TRIM (NOT SHOWN) WITH (6) #10-24 MACHINE SCREWS Fy MIN. 20 KSI



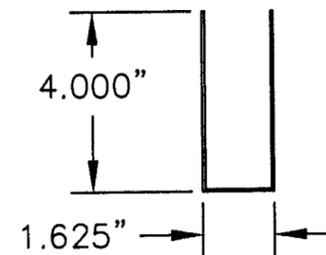
SCHLAGE B660 DEADLOCK PREPARATION EDGE 1 1/8" X 2 1/4" FACE Ø2 1/2" THRU HOLE

SCHLAGE A180PD CYLINDRICAL LOCK FACE AND EDGE PREPARATION 2 3/4" BACKSET ANSI A115.2

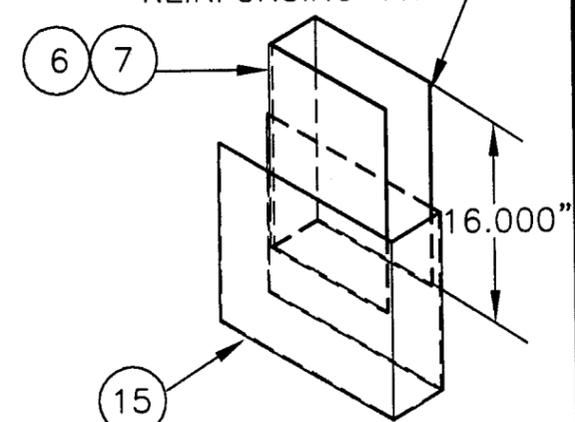


DOOR HINGE REINFORCEMENT 10 GA STEEL

U SHAPED CHANEL REINFORCING TYP



16 GA STEEL BY 16.000" LONG SAME MATERIAL FOR ITEMS 6 & 7



Approved as complying with the Florida Building Code  
Date: JUN 03, 2004  
NOA# 04-0270-01  
Miami Dade Product Control Division  
By: [Signature]

*Eric S. Nielsen*  
Eric S. Nielsen  
Florida P. E. No. 41323  
1150 Louisiana Ave., Suite 6  
Winter Park, Florida 32789

ARTEK DOOR LTD OAKVILLE, ONTARIO CANADA		
TITLE: SERIES LS 18 OUT-SWINGING STEEL ENTRANCE DOOR - FRAME ASSEMBLY		
ENGINEER: -----	DRN: RAE	DATE: 2/10/04
DISCIPLINE: -----	SCALE: 1" = 4"	DWG. NO: ART-100-001
FL. REG. NO: -----	REV. LETTER: A	SHEET: 5 OF 5