

WELCOME TO DIAMOND DOOR PRODUCTS

WWW.DIAMONDDOORLTD.COM

MAIN MENU

DOOR HARDWARE

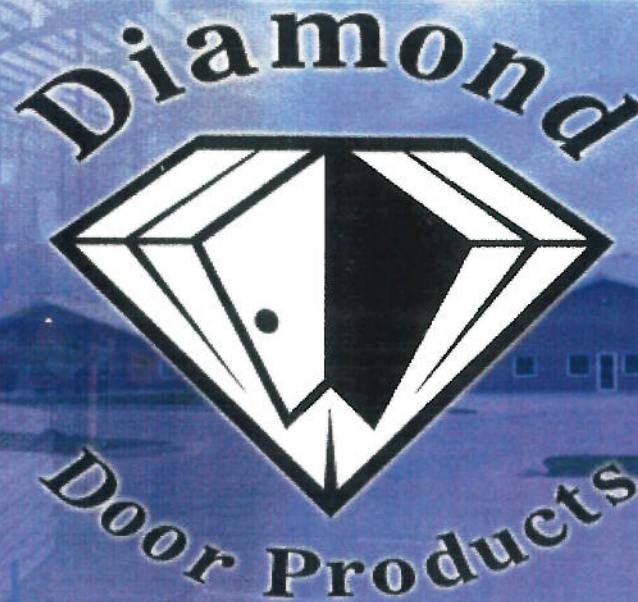
WINDOWS

STEEL DOORS

ABOUT US

CONTACT US

HOME



Manufacture of
Steel Doors,
Frames, and
Windows for
the Metal Building
Industry.

6525
Cunningham
Bldg, C

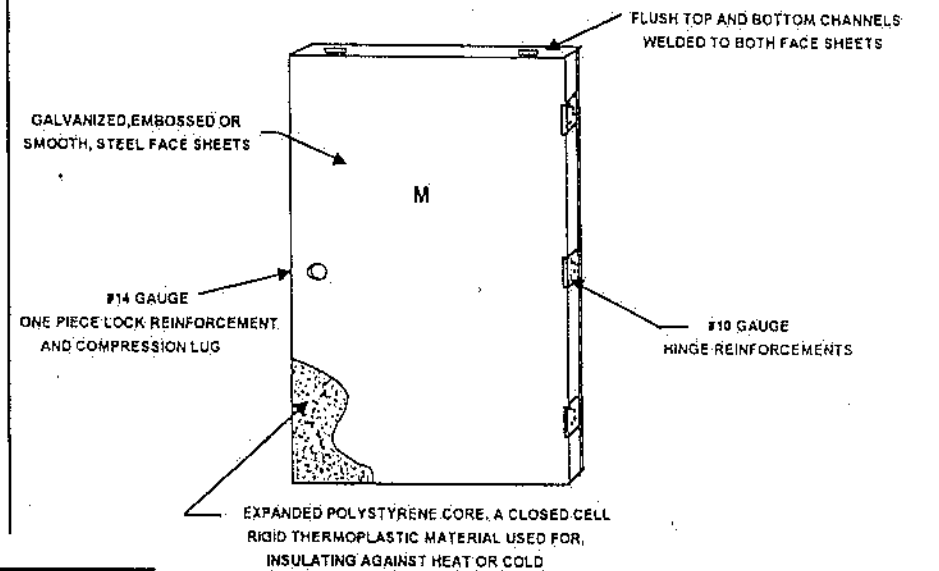
Houston, Tx 77041
713-849-5085
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Contacts
Tom Wilder
Steve Curry



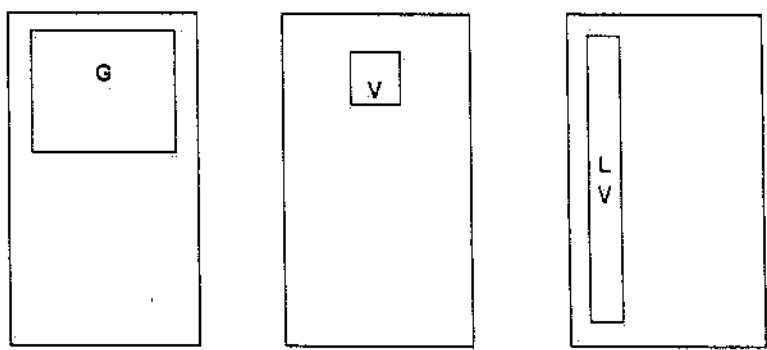
Founded June of 2003, in Houston, Texas Diamond door products is fast becoming a leader in the steel door and frame industry, with over 70 years combined experience in doors, frames and hardware, our sales and production team are highly qualified to handle all your requirements, from quote to delivery to improve your productivity and help your company grow successfully.

Diamond Door Products, Ltd.
Steel Doors For Metal Building Manufacturers



**When ordering glass
for doors:
Specify 1/4" Clear Temp.**

**** NOTE **** M AND LV STYLE DOORS, NON-HANDED, REVERSIBLE.
G STYLE, VISION LITE OR LOUVERED DOORS ARE HANDED



STANDARD DOOR STYLES

"CW" SERIES INSULATED DOORS

SPECIFICATIONS

- 20 GA. GALVANIZED FACE SHEETS
EMBOSSED OR SMOOTH SURFACES
MILL BONDERIZED
- FLUSH MOUNTED TOP AND BOTTOM
CHANNELS WELDED TO BOTH
FACE SHEETS
- POLYSTYRENE CORES BONDED
TO BOTH FACE SHEETS USING A
TWO PART EPOXY
- FOLDED FULL FLUSH FACE SHEETS
ALLOWING NO RAW EDGES
- LONG LASTING BAKED ON SPRAY
COATED FINISH
- AVAILABLE IN WHITE OR BRONZE
EMBOSSED OR GRAY SMOOTH
FINISHES
- FULLY CARTONED IN CORUGATED
BOXES AND POLY BAGGED
FOR ADDED PROTECTION

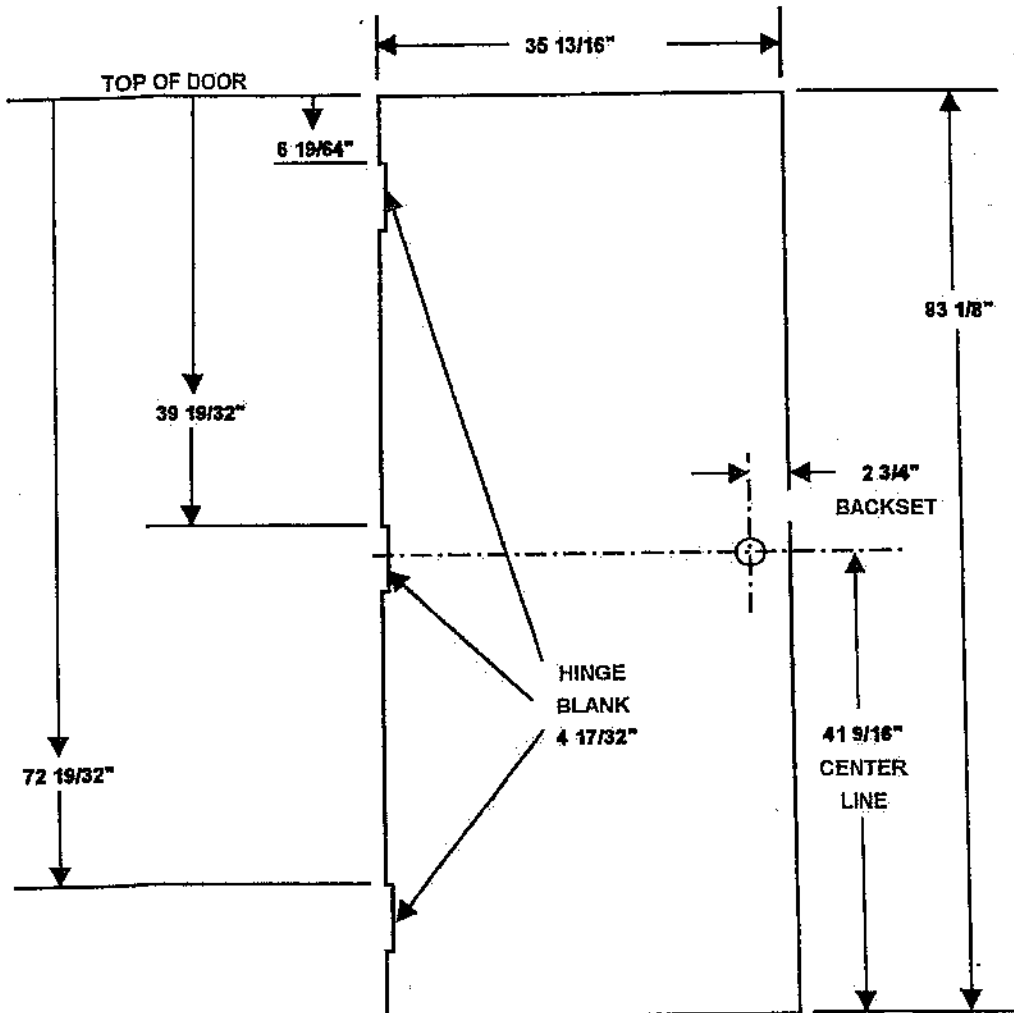
SPECIFICATION COMPLIANCE

- MEETS OR EXCEEDS:
FED SPEC'S HH-1:524C
TYPES I, II, & III
MIL-P-40619A, CLASS II GRADE A
MIL-P-196544C, TYPE II CLASS I
DOD4270.1-M
ASTM-C-578-69, TYPE I & II GRADE II
- BUILDING CODES
ICBO UNIFORM BUILDING CODE
SECTION 1717
BOCA-BASIC BUILDING CODE
SECTION 8765
SBCCS- STANDARD BUILDING CODE
SECTION 718
FHA/HUD-USE OF MATERIALS
BULLETIN 71
- HIGH POINTS
POLYSTYRENE CORE
THERMOPLASTIC POLYMER
SOUND TRANSMISSION 32
"U" FACTOR .16
"R" FACTOR 6.5 OR GREATER

Diamond Door Products, Ltd.

Door Hardware Locations

TYPICAL 3070 M DOOR



** NOTE ** BEVELED EDGE DOORS ARE REVERSIBLE BY FLIPPING LEAF END FOR END.



** LOCK EDGE IS BEVELED 1/8" IN 2" TO ASSURE PROPER FIT.

** LOCK EDGE CAN BE SQUARED FOR USE ON 1/2 GLASS DOORS SO HANDING IS NOT NECESSARY.

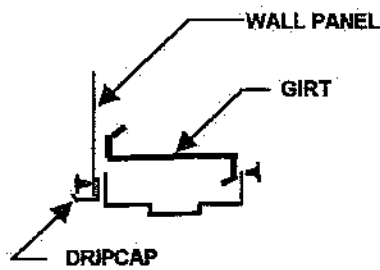
** ALL VERTICAL EDGES OF DOOR ARE HEMMED TO ELIMATE RAW EDGE METAL

8/15/03

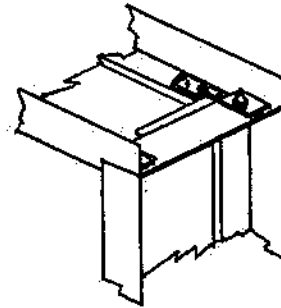
Diamond Reversible Door

Diamond Door Products, Ltd.

Standard Metal Building Frame Assembly

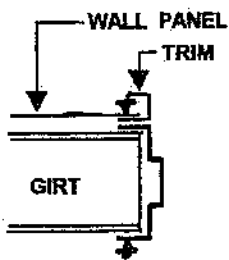


DETAIL A
HEAD SECTION

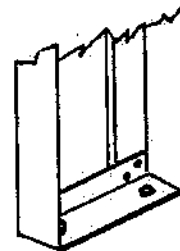
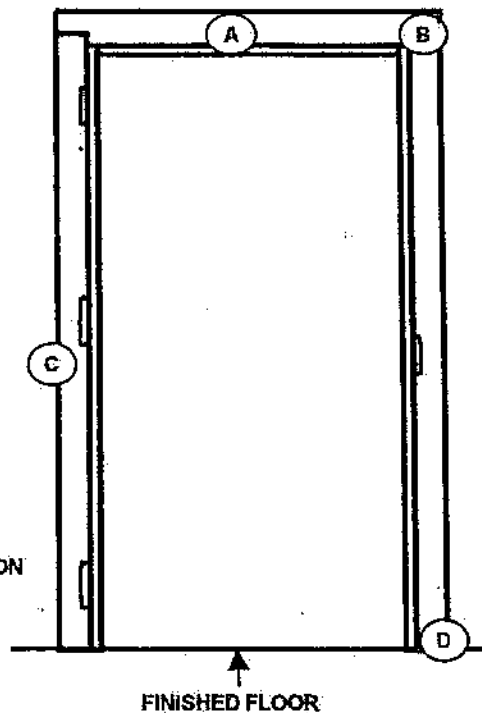


DETAIL B
CORNER CONNECTION ***

NO SUB - FRAME REQUIRED



DETAIL C
INTERMEDIATE GIRT CONNECTION



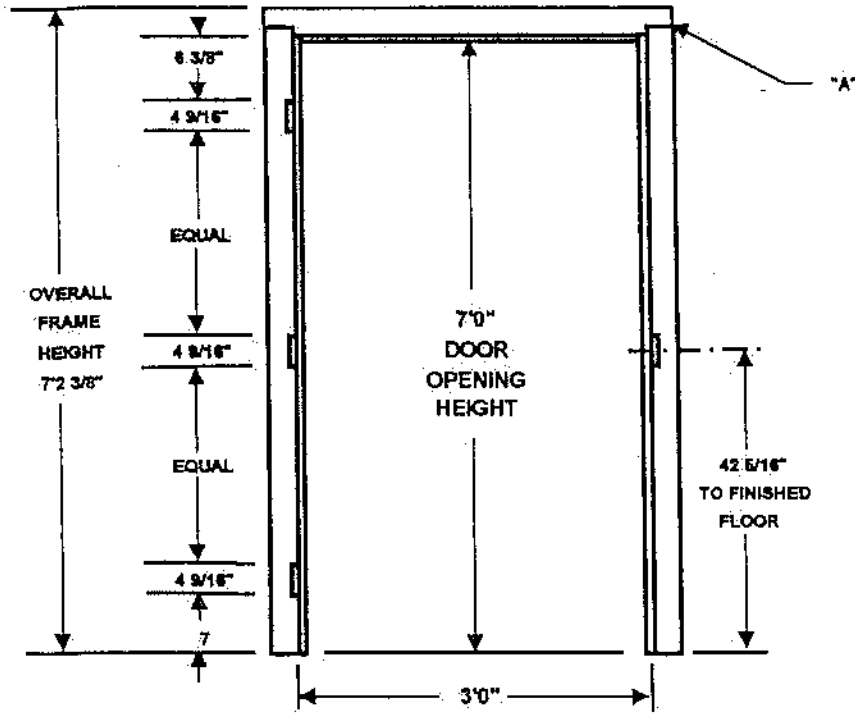
DETAIL D
SILL ANCHOR **

** SEE SILL ANCHOR DRAWINGS FOR HOLE LOCATIONS
SILL ANCHOR BOLTS SUPPLIED BY OTHERS

*** BOLTS AND NUTS FOR CORNER CONNECTION FURNISHED IN FRAME PACKAGE

Diamond Door Products, Ltd.

Metal Building Frame Hardware Locations



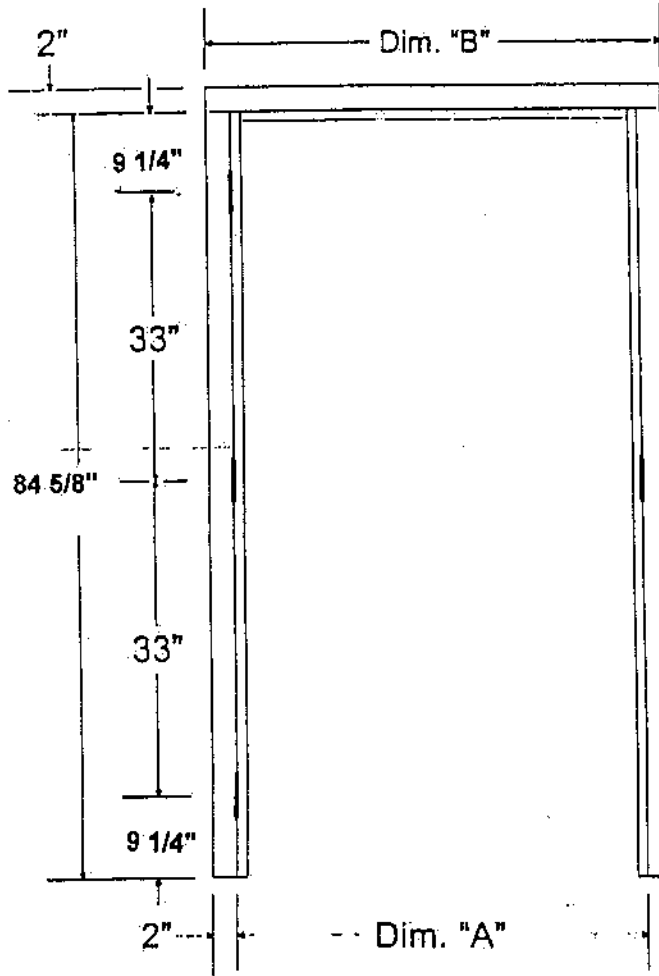
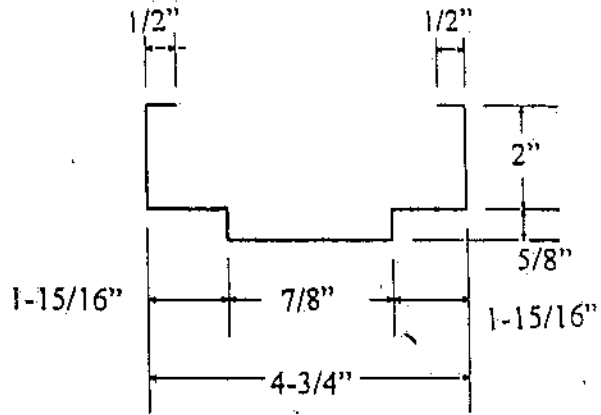
"NOTE" TYPICAL METAL BUILDING FRAMES ARE BLANKED TO RECEIVE STANDARD A.S.A. STRIKE PLATE AND 4 1/2" HINGE BUTTS

"A" HEAD SECTION HAS A 5/8" OFF-SET, MAKING THE FRAME REVERSIBLE.

FRAME DIMENTIONS	3070	4070	6070
INSIDE DIM	36"	48"	72"
OUTSIDE DIM	40 3/4"	52 3/4"	76 3/4"

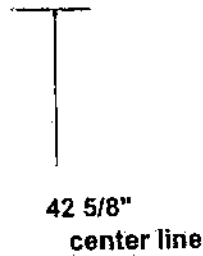
DIAMOND DOOR PRODUCTS, LTD.

4 3/4" Reversible Frame



	**3070	**4070
DIM. A	36"	48"
DIM. B	40"	52"

	**6070	**8070
DIM. A	72"	96"
DIM. B	76"	100"



4 3/4" Reversible Frame

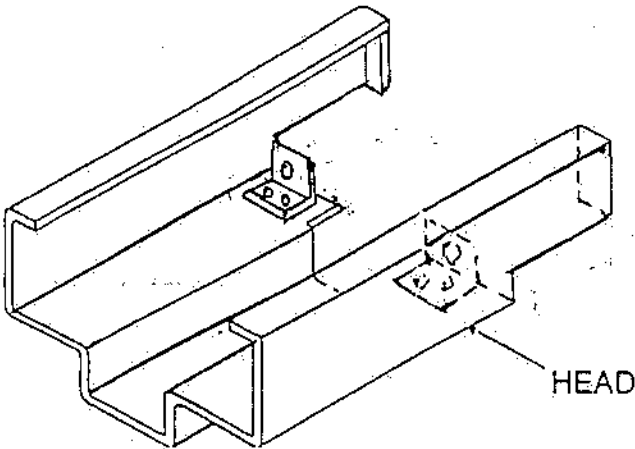
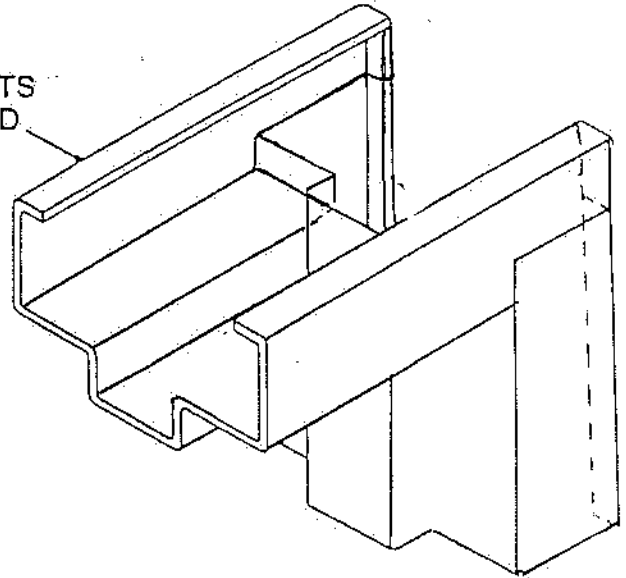


DIAMOND DOOR PRODUCTS, LTD.

5-3/4" and 4-3/4" Frame Corner Connection

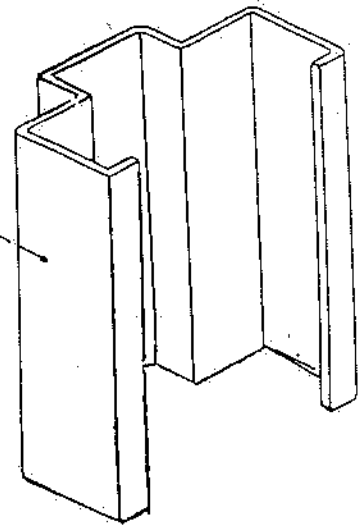
* 4-2-289100 (pkg/4) Screws and Nuts

COMPONENTS
ASSEMBLED

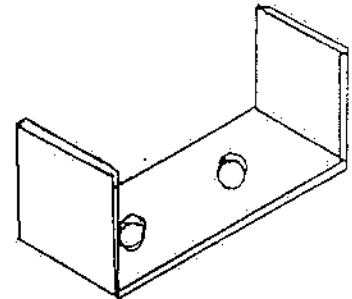
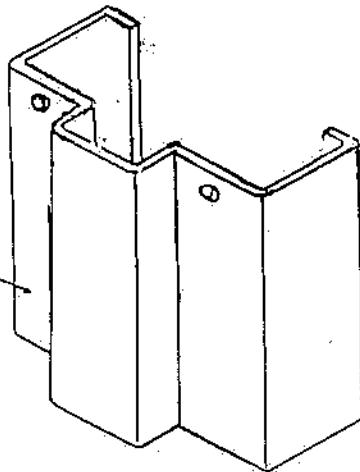


HEAD

JAMB
at sill



JAMB
at head



12 Gauge Gavanneal Sill Anchor

Diamond Door Products, Ltd.
Steel Doors For Metal Building Manufacturers

PRE-ASSEMBLED METAL WALL DOOR
INSTALLATION GUIDE

GENERAL PRE-INSTALLATION NOTE

KEYS, ANCHORS, FASTENERS, & INSTRUCTIONS for this door are located in the box marked "Keys & Fasteners" enclosed in crate.

INSTALLATION STEPS

1. After uncrating the door, position it under the girt with the outside edge of the threshold flush with the edge of the concrete. The extended header should be up against the outside face of the girt.
2. **PLUMB AND SQUARE DOOR UNIT.** Check the gap between the top of door and header. It **MUST** be consistent.
3. When the door is plumb, secure the door header to the face of the girt with (2) self-drilling screws. These screws can be removed later if they should interfere with the sheeting or trim.
4. Anchor the door to the floor with the base clips and the (4) anchor bolts provided.
5. Back out the screws holding the top jamb clips and slide clips up to wall girt. Attach clip to wall girt using the self-drilling tek screws provided.
6. Remove screws holding door leaf shut and check for proper operation.
7. Anchor threshold to floor using (3) anchors provided. Caulking of threshold is required.
8. Adjust weather-stripping and sweep to eliminate light leaks by backing out screws slightly, make adjustment, and retighten screws.

ADJUSTMENTS and OPERATION

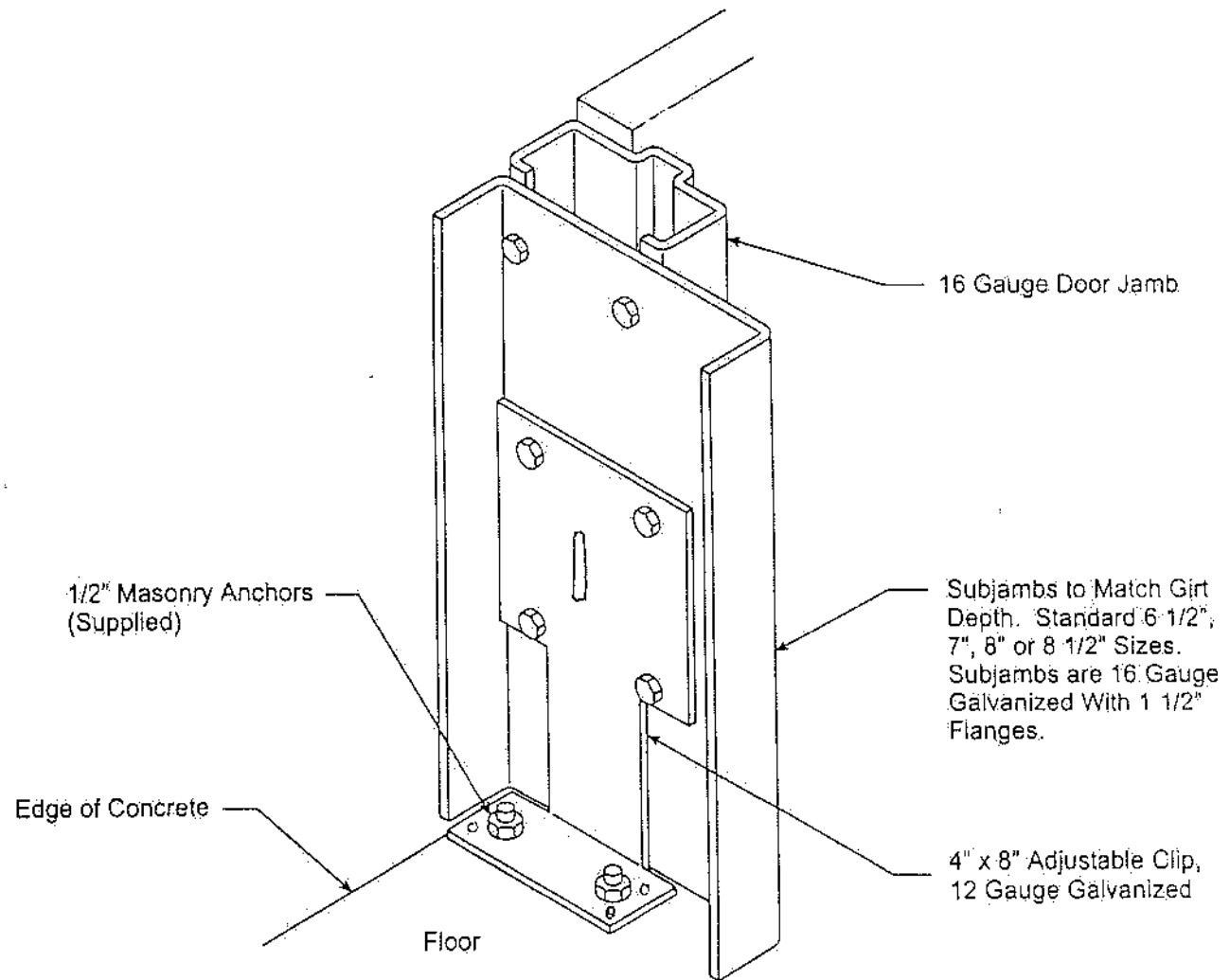
1. Check frame to ensure unit is **PLUMB AND SQUARE**. If Door System is **NOT PLUMB AND SQUARE** it may affect operational functions of the hardware.
2. Check floor level at each jamb. Shim under jamb needing adjustment.
3. If gap around door is unequal, shim hinges appropriately.

AFTER INSTALLATION CARE

WARNING: Industrial and/or commercial chemicals used in cleaning or sealing, as well as those chemicals contained in concrete may react negatively with the finishes on the parts of this door. This reaction may destroy the galvanization and finishes on these products resulting in future rust and void any warranties.

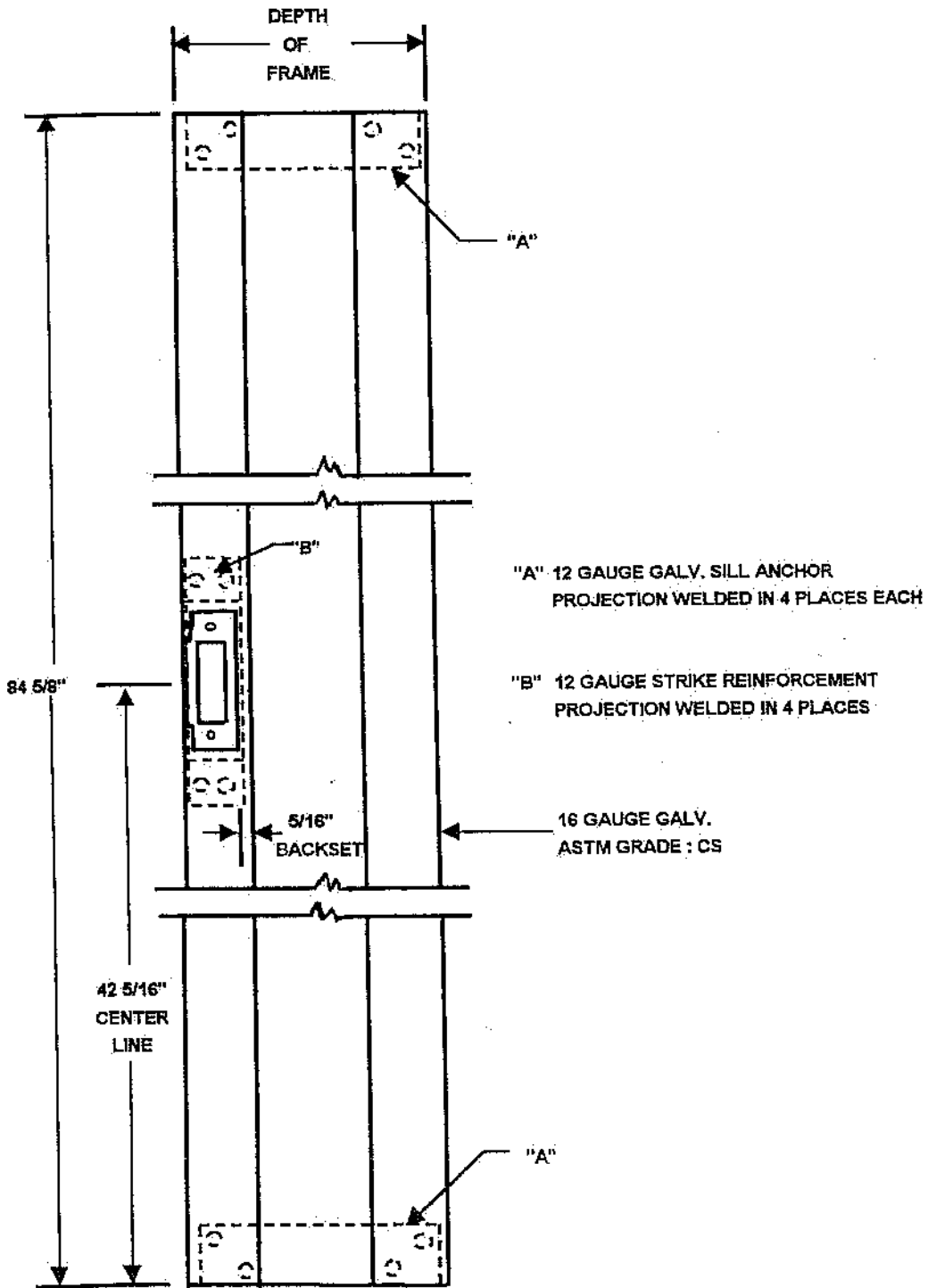
DO NOT allow concrete or commercial/industrial chemicals/sealants to come in contact with the finishes on this door. Residential strength 409 is recommended for cleaning if necessary.

Base Floor Attachment



Diamond Door Products, Ltd.

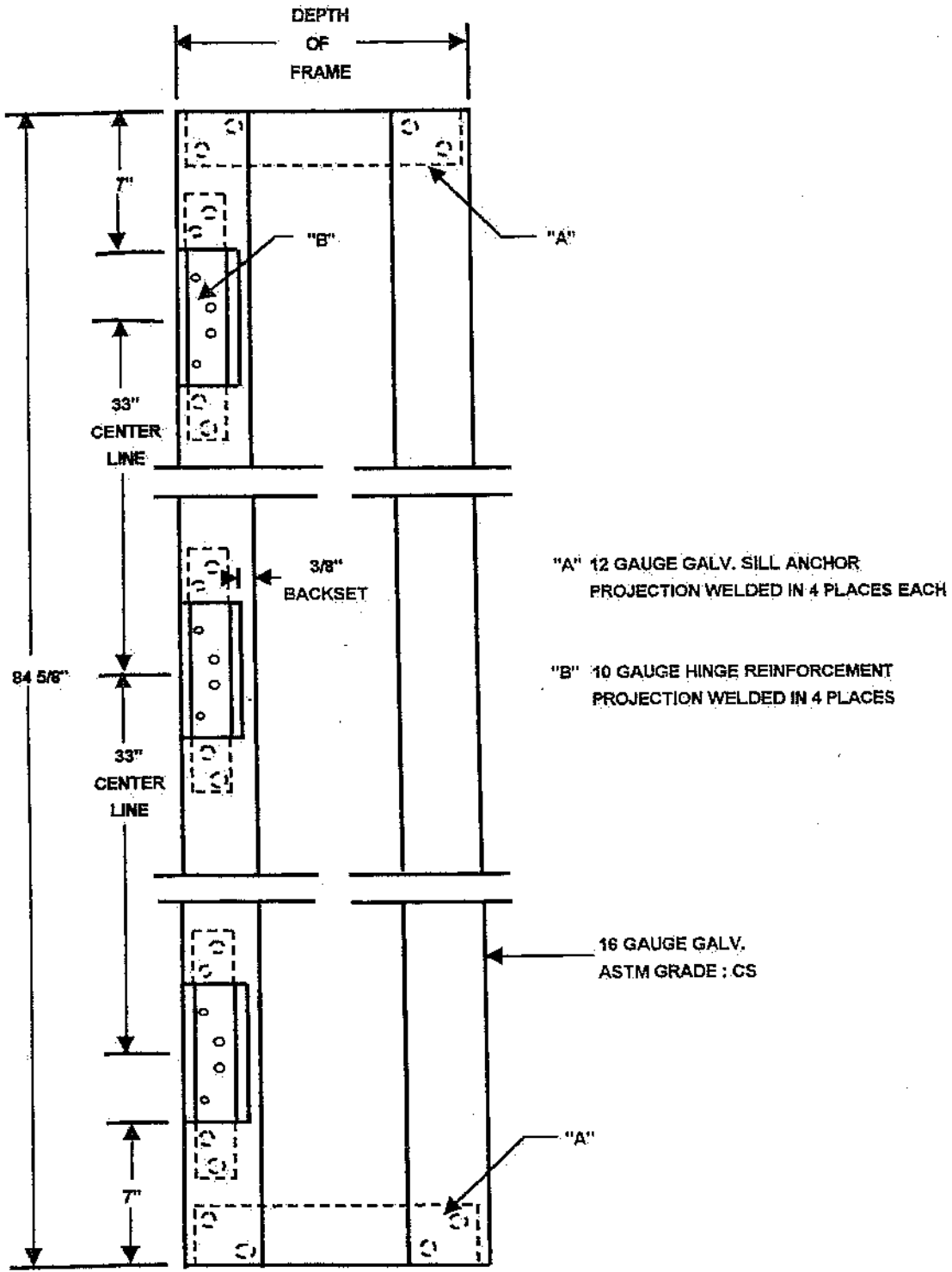
Universal A.S.A. Strike Jamb



7/12/03

Diamond Knock-Down Strike Jamb

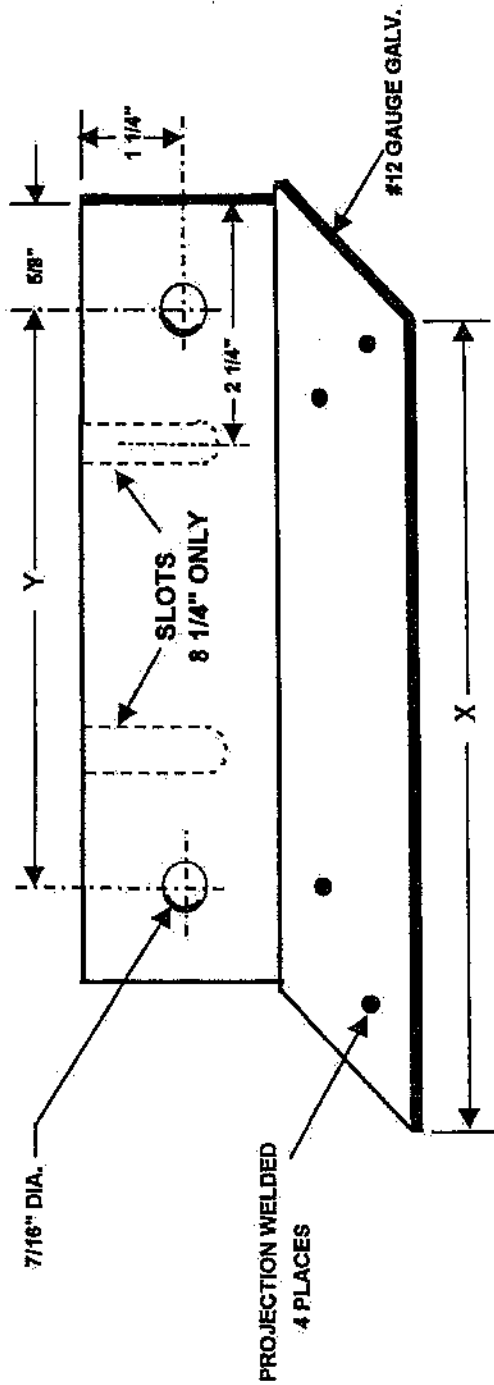
Diamond Door Products, Ltd.
Universal Hinge Jamb



7/12/03

Diamond Knock-Down Hinge Jamb

Diamond Door Products, Ltd.
Sill Anchor Hole Locations



X = LENGHT	Y = CENTER LINE
4.00"	2 3/4"
6.00"	4 3/4"
7.00"	5 3/4"
8.00"	6 3/4"
10.00"	8 3/4"

** NOTE ** WHEN LOCATING HOLES FROM OUTSIDE FACE OF FRAME ADD 1/8" TO FIRST HOLE TO ACCOMMODATE FOR MATERIAL THICKNESS AND CLEARANCE OF CLIP.

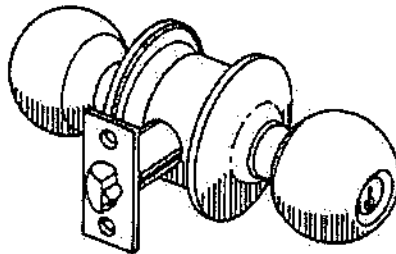


DIAMOND DOOR PRODUCTS, LTD.

GRADE 2 BALL KNOB DIAMOND PT# HLB2

S. Parker UL listed entry locks have three hour fire rated latches, and otherwise have all the features of the heavy duty B9160 series.

Additionally, they meet ANSI-A156-2, Series 4000, Grade 2 specifications. The keyway is SC-1 #1145, or Arrow keyway K. The tumbler is six pin keyed to five pins, and the exit from the inside is panic-resistant. The cylindrical lock housing is cold rolled steel that has been line dichromated for corrosion resistance.

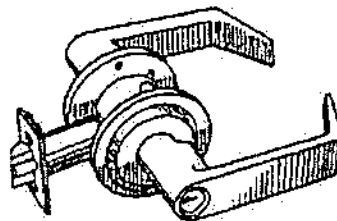


S. Parker UL listed locks have 3 hour fire rated latches & 2 spin-on roses. All with 4 7/8" ANSI Strike.

GRADE 2 LEVER LOCK DIAMOND PT# HLL2 - P

SL7160 Series with Two Step Rose is Ideal for Retrofitting

UL listed, ADA approved Grade 2 barrier-free leversets are ready for all ADA and other needs in passage, privacy, storeroom, classroom and dummy functions, in addition to entry models. The customer may provide the lock cylinder and key. Leversets meet ANSI A156.2 Series 4000 Grade standards and more than fulfill ADA requirements. The ANSI Series 4000 standard exceeds 400,000 operating cycles.



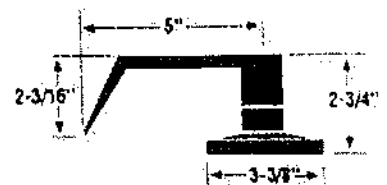
Special keying available (Master & Grand Master)

2 3/8" BS available upon request

Grade 2 Leverset with Two Step Rose



S. Parker Leversets meet all Grade 2 requirements, and are available in boxed or clamshell package.

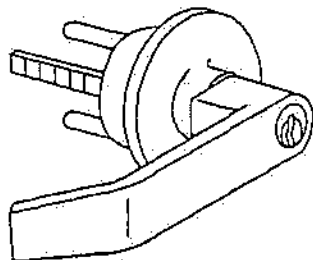




DIAMOND DOOR PRODUCTS, LTD.

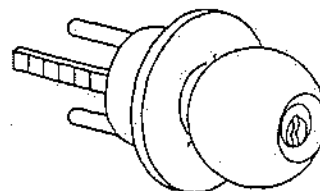
Parker UL520 Series Low Profile Rim Exit Device

OUTSIDE TRIM

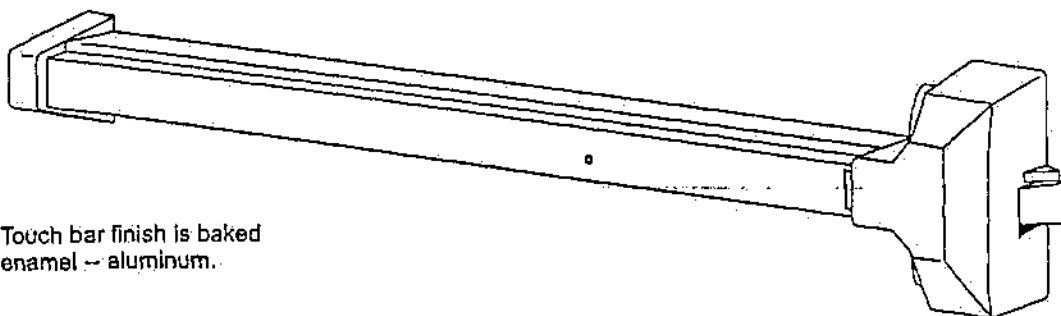


PANIC LEVER
LFP X 26D

Cylinder locks or
unlocks knob or lever.
When unlocked, knob
or lever retracts
latchbolt.



PANIC KNOB
KFP X 26D



Touch bar finish is baked
enamel -- aluminum.

Rim Strike: Standard; single door or
pair of doors with mullion. Surface
mounts to frame stop. No mortising.
Supplied with two spacer plates.



SPECIFICATIONS:

Chassis Mount Construction: Operating mechanism assembled on single chassis which mounts on door; removal of case cover permits inspection/maintenance.

Easy Dogging: Half-turn of hex-dogging key locks flat bar in the depressed position; latchbolts and upper/lower latchbolts/deadbolts held retracted.

Door Thickness: 1-3/4" when used with operating trim.

Door Width: Flat bar length available for two standard door widths; doors 30">36" wide; doors 36">42" wide; flat bar easily field cut to specific width. Available for doors 42">48" wide on special order.

Material: Base and flat bar, steel; covers, high-density rust-resistant alloy.

Minimum Stile Width: 4-1/2".

UL Listed: Panic Hardware.

Reversible Design: Hand can be easily reversed in the field.



DIAMOND DOOR PRODUCTS, LTD.

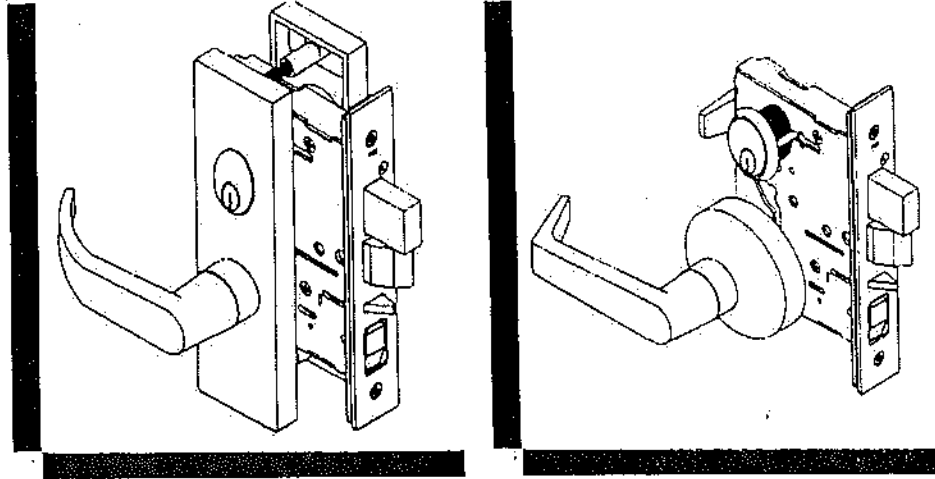
DIAMOND PT# (LEVER) HLML (KNOB) HLMB

MORTISE LOCKS ARE ENTRANCE FUNCTION

*LATCHBOLT BY KEY OUTSIDE OR BY GRIP EITHER SIDE

UNLESS OUTSIDE GRIP IS LOCKED BY TOGGLE ACTION STOP.

*DEADBOLT BY KEY OUTSIDE OR BY THUMBTURN LEVER INSIDE.



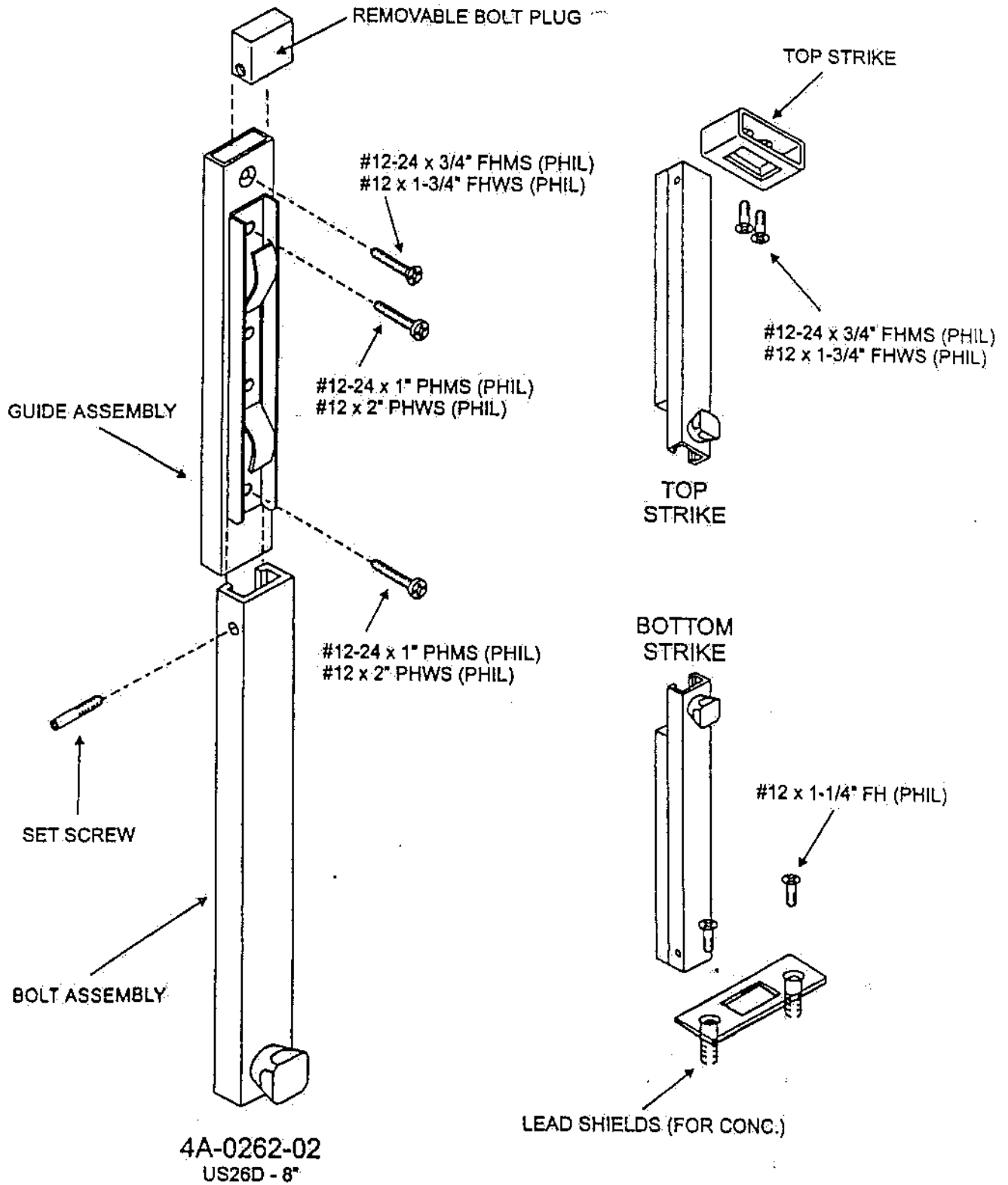
Features:

- Mortise type
- Non-Handed, field reversible
- Door thickness 1-3/4" to 2" standard. Optional 1-3/8" to 2"
- Latch backset 2-3/4"
- Case is 13-gauge cold rolled steel mechanism/Dichromated for corrosion resistance
- Lock front beveled 1/8" on 2" stainless steel, wrought brass or bronze
- Strike curved or straight lip stainless steel, wrought brass or bronze
- Latch 3/4" throw stainless steel, anti-friction standard
- Deadbolt 1" throw stainless steel
- Trim solid forged brass levers, roses, escutcheons and turns/concealed fasteners on sectional trim
- Mortise cylinder Schlage "C" 6 pin standard. Other manufacturer keyways available including small format interchangeable core.
- Keying features available with keyed alike, keyed different, master keying, construction master keying, grand-master keying and interchangeable core
- Keys include two nickel silver per lock cylinder
- UL listed for 'A' label (3 hour) single swing doors
- Meets ANSI A117.1 accessibility (ADA) code
- Meets ANSI A156.13 series 1000, grade 1
- Warranty 2 year limited



DIAMOND DOOR PRODUCTS, LTD.

Surface Bolts for Inactive Leaves of Double Doors



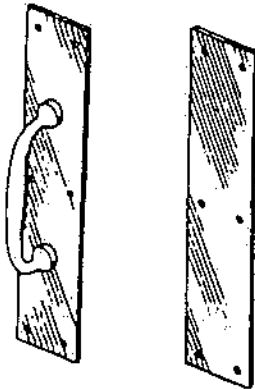


DIAMOND DOOR PRODUCTS, LTD.

Accessories



HSC CHAIN DOOR STOP -1/2" x 1-1/2" Cast brass base plate, welded steel chain, vinyl cover, 25-1/2" overall length



HPH/HPP PUSH PULL 3.5" X 15"
Stainless steel finish (US32D)



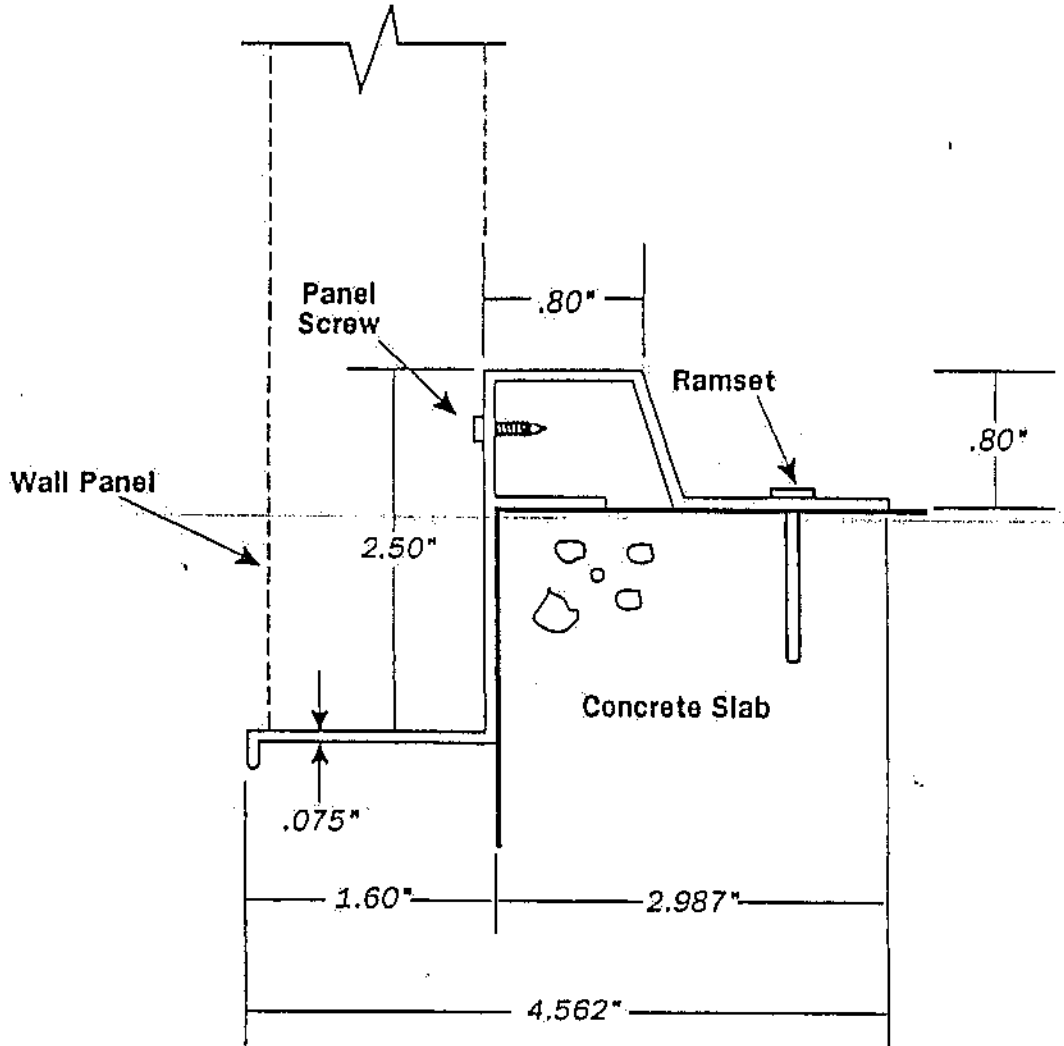
HLG LATCH GUARD



DIAMOND DOOR PRODUCTS, LTD.

Panel Support Trim

Eliminates the need for forming panel notch in foundation.



Description

Painted Bronze 10' Long

Painted White 10' Long

Material

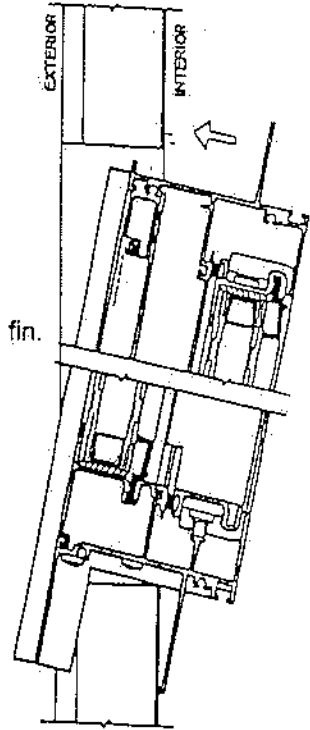
6063-T5 Aluminum



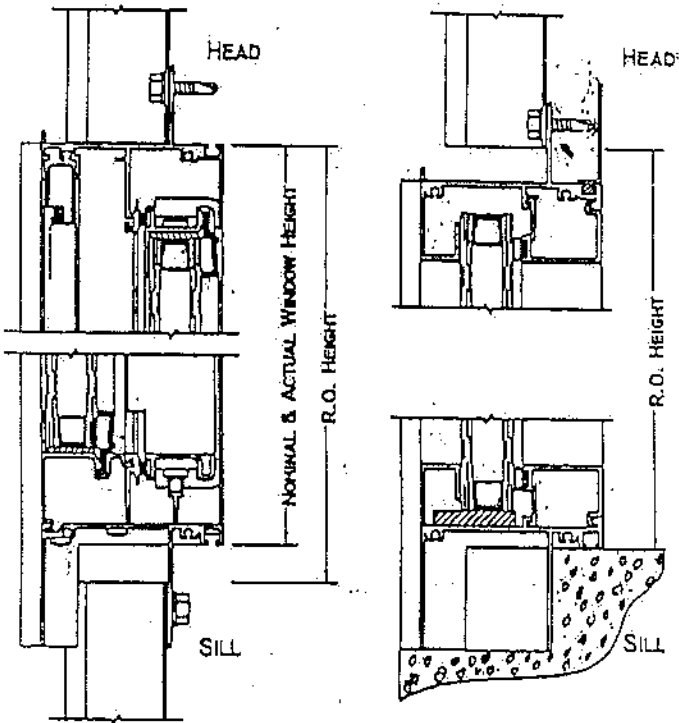
DIAMOND DOOR PRODUCTS, Ltd.

Horizontal Slide Windows Installation Instructions

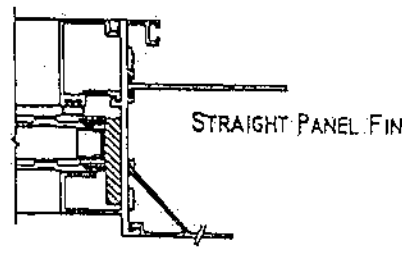
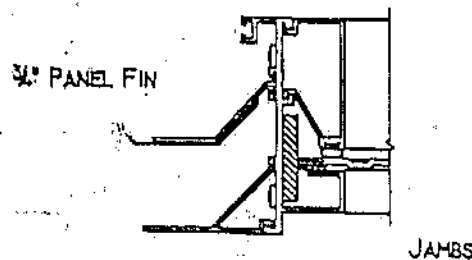
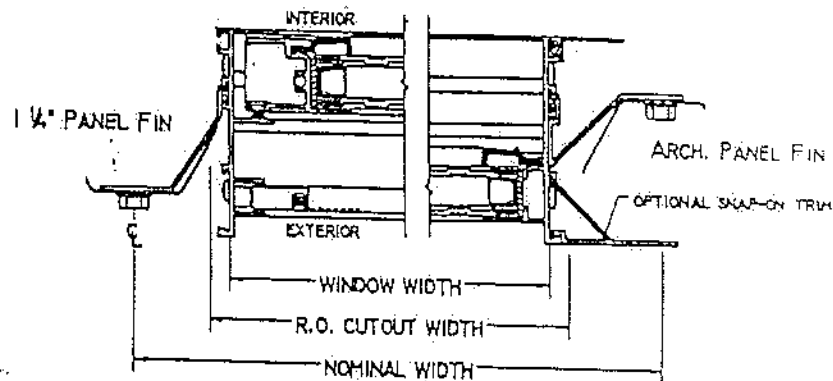
1. After selecting location of window cut panel for rough opening as indicated in the tables below.
2. If required install vertical jamb supports (by others)
3. Install Panel Fin Adapters in vertical tack from top of window untill flush with head fin.
4. From the inside of building set window over bottom panel and set into position.
5. Flush top of window to top panel.
6. With self drilling tec-screws attach through panel into panel fins.
7. Complete by caulking sides and top of window.



Nominal Window Width	Net Window Width	Rough Opening Width
2'-0"	1'-9 1/2"	1'-10"
3'-0"	2'-9 1/2"	2'-10"
4'-0"	3'-9 1/2"	3'-10"
5'-0"	4'-9 1/2"	4'-10"
6'-0"	5'-9 1/2"	5'-10"



Net Window Height	Rough Opening Height
2'-0"	2'-1/2"
3'-0"	3'-1/2"
4'-0"	4'-1/2"
5'-0"	5'-1/2"
6'-0"	6'-1/2"



SINGLE-HUNG Window

Installation Instructions

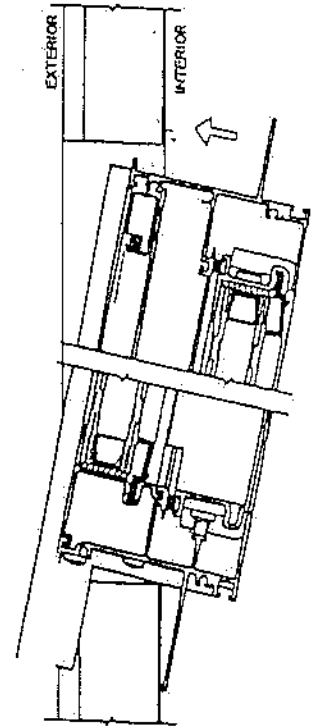
- 1. Select location for window and cut panel or panels to the required rough opening size. (See tables)
- 2. Install vertical jamb support (by others) if required.

Single-Hung windows are provided with flat nail fins. Framed openings must be used or window can be installed in the low or flat of the panel.

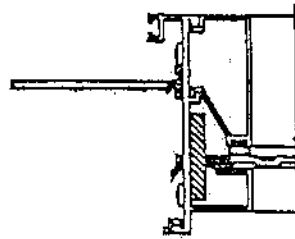
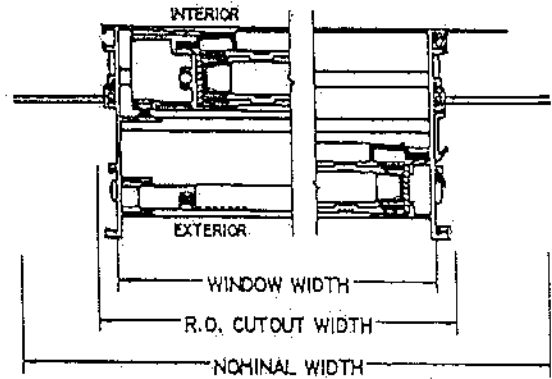
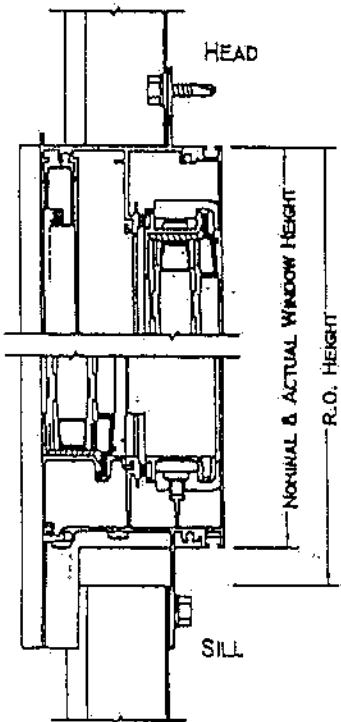
Raise window up 1/8" or until window head contacts the top panel.

Attach self-tapping screws through panel into window fins.

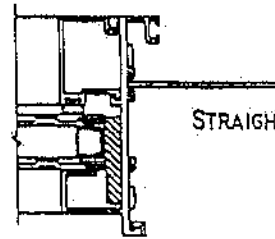
Caulk top and side panels around window.



Nominal Window Width	Net Window Width & Height	Rough Window Width & Height
+ 2" to Net	2' 0"	+ 1/2" to Net
+ 2" to Net	3' 0"	+ 1/2" to Net
+ 2" to Net	4' 0"	+ 1/2" to Net
+ 2" to Net	5' 0"	+ 1/2" to Net
+ 2" to Net	6' 0"	+ 1/2" to Net



JAMBS



STRAIGHT PANEL FIN



SINGLE-HUNG



DIAMOND DOOR PRODUCTS

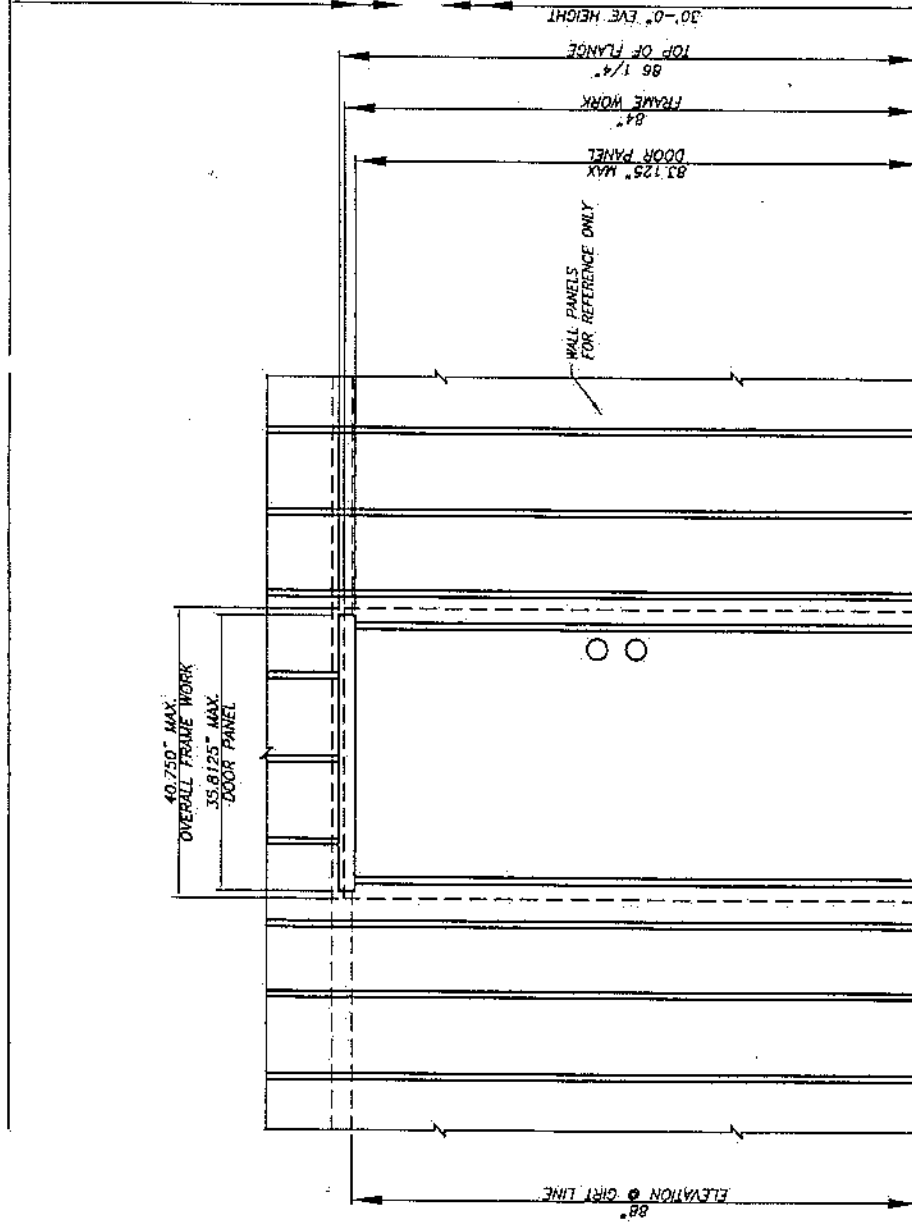
6525 Cunningham Bldg. C
Houston, TX 77041

Ph: (713)849-5085

"DIAMOND" STEEL DOOR & FRAME SYSTEM FOR METAL BUILDINGS 3'-0" x 7'-0" SINGLE DOOR

GENERAL NOTES

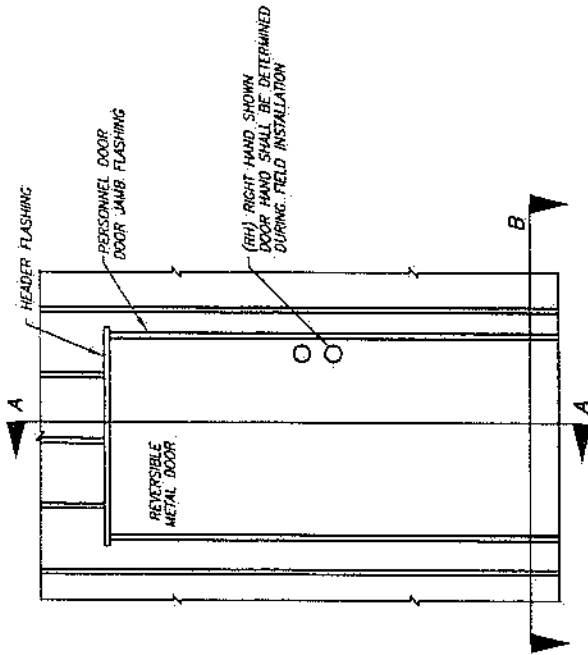
1. THIS PRODUCT IS EVALUATED TO COMPLY WITH THE FLORIDA BUILDING CODE AND TEXAS BOARD OF INSURANCE (FOR USE OUTSIDE OF THE "WHZ" AREA).
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
3. MAIN WIND FORCE RESISTING SYSTEM (MWFRS) COMPONENT SPACING TO BE DETERMINED BY OTHERS.
4. ENGINEER OF RECORD SHALL EVALUATE THE SUB-JAMB FOR ADDITIONAL WINDLOADS FROM COMPONENTS AND CLADDING ELEMENTS SUCH AS WALL PANELS.



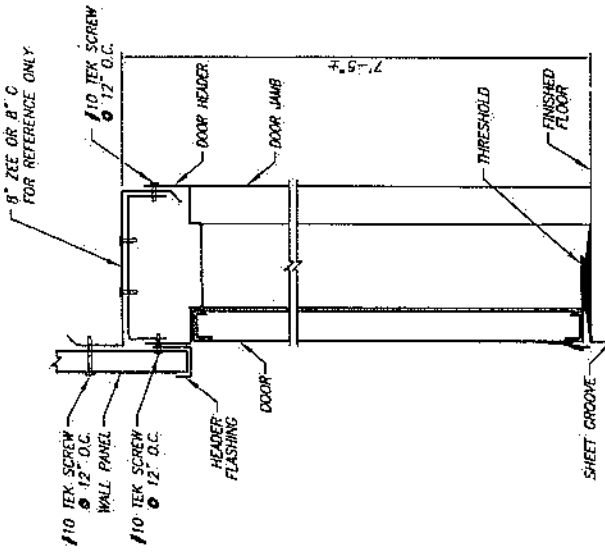
3'-0" x 7'-0" STEEL DOOR & STEEL FRAME SYSTEM (METAL BUILDING INSTALLATION)

140 mph

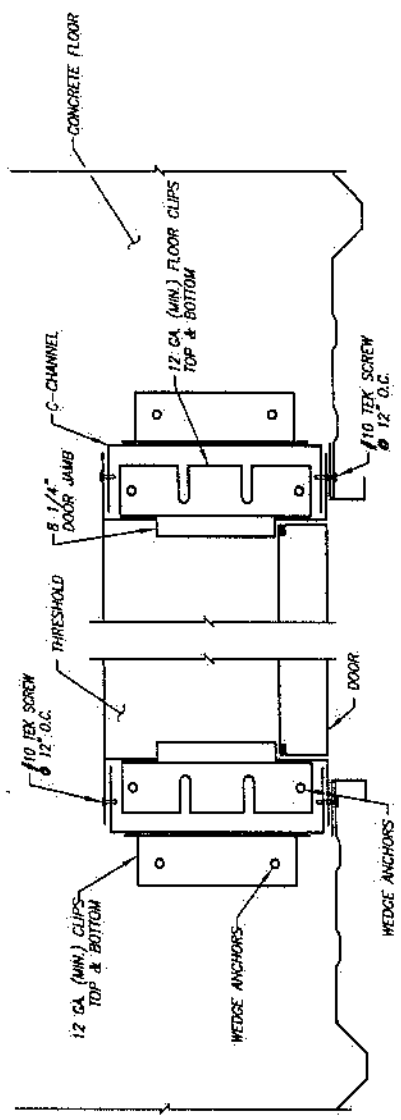
DIAMOND DOOR PRODUCTS, LTD.



EXTERIOR ELEVATION OF DOOR



SECTION A-A



SECTION B
SECTION THRU JAMB

140 mph

DIAMOND DOOR PRODUCTS, LTD.

DIAMOND DOOR PRODUCTS

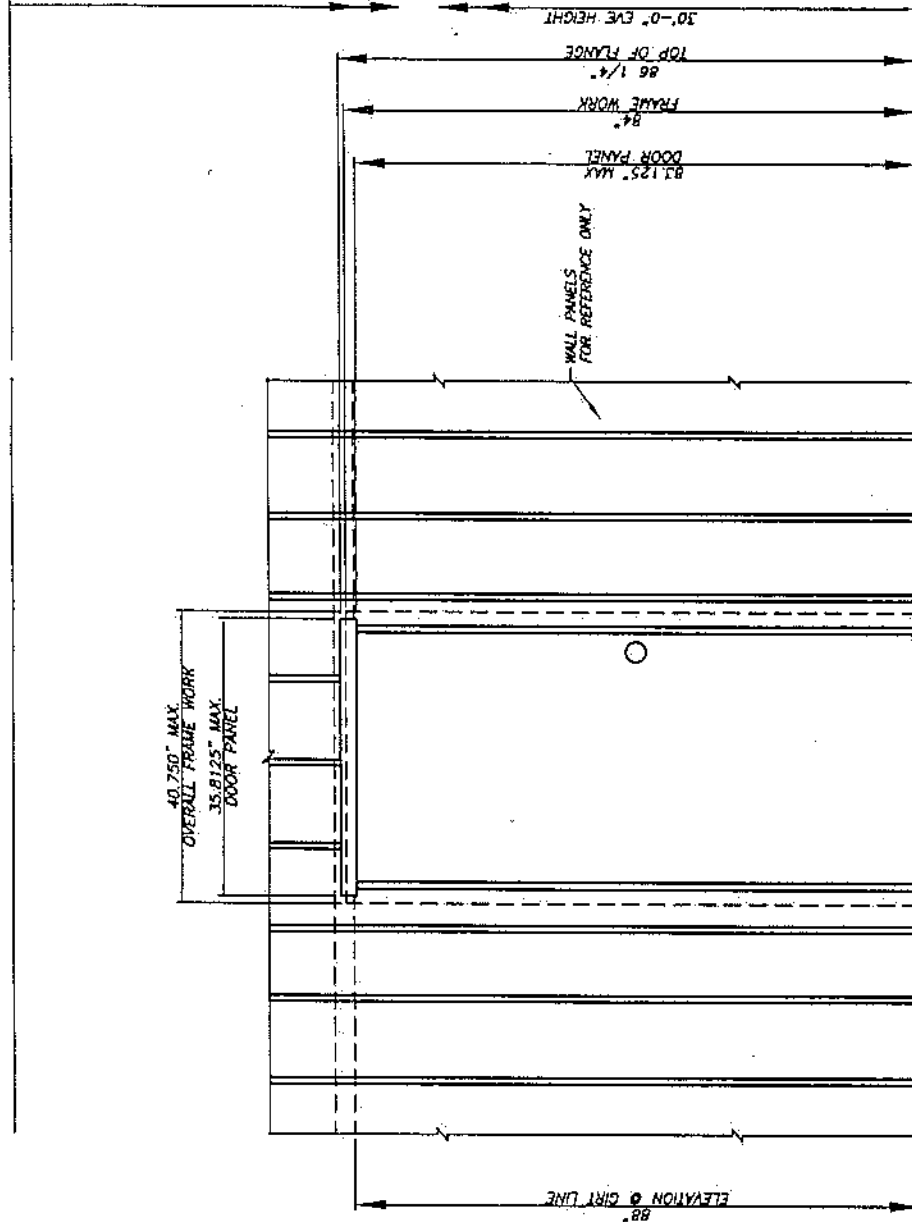
6525 Cunningham Bldg. C.
Houston, TX 77041

Ph. (713)849-5085

"DIAMOND" STEEL DOOR & FRAME SYSTEM FOR METAL BUILDINGS 3'-0" x 7'-0" SINGLE DOOR

GENERAL NOTES

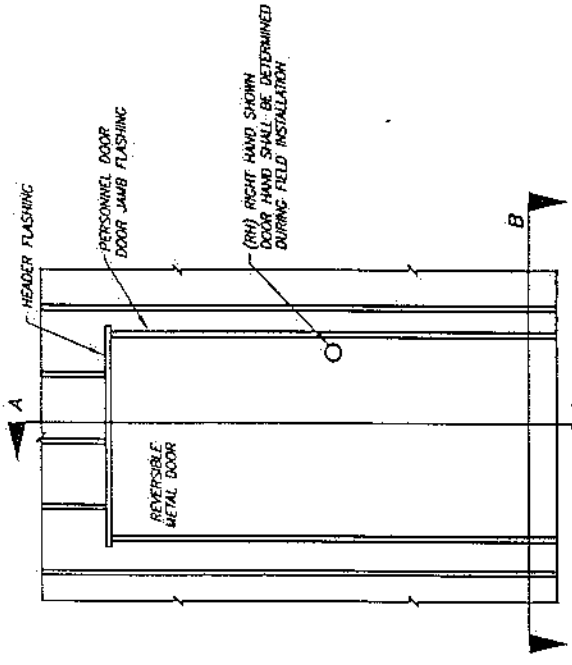
1. THIS PRODUCT IS EVALUATED TO COMPLY WITH THE FLORIDA BUILDING CODE AND TEXAS BOARD OF INSURANCE (FOR USE OUTSIDE OF THE "HVHZ" AREA).
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
3. MAIN WIND FORCE RESISTING SYSTEM (UMFRS) COMPONENT SPACING TO BE DETERMINED BY OTHERS.
4. ENGINEER OF RECORD SHALL EVALUATE THE SUB-JOIST FOR ADDITIONAL WINDLOADS FROM COMPONENTS AND CLADDING ELEMENTS SUCH AS WALL PANELS.



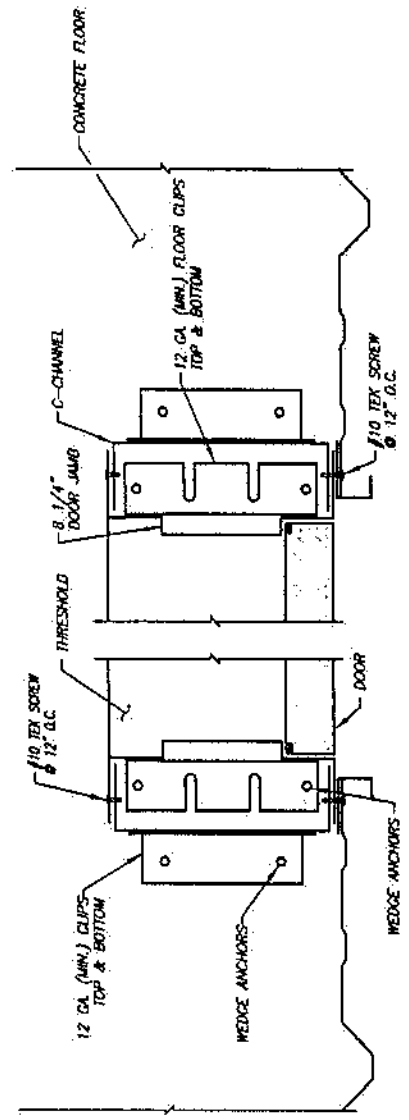
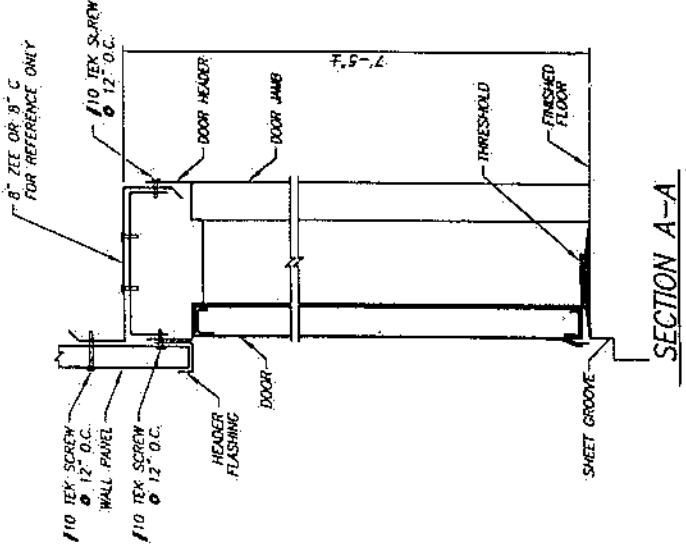
3'-0" x 7'-0" STEEL DOOR & STEEL FRAME SYSTEM (METAL BUILDING INSTALLATION)

130 mph

DIAMOND DOOR PRODUCTS, LTD.



(RH) RIGHT HAND SHOWN
DOOR HAND SHALL BE DETERMINED
DURING FIELD INSTALLATION.



EXTERIOR ELEVATION OF DOOR

130 mph

DIAMOND DOOR PRODUCTS, LTD.

DIAMOND DOOR PRODUCTS

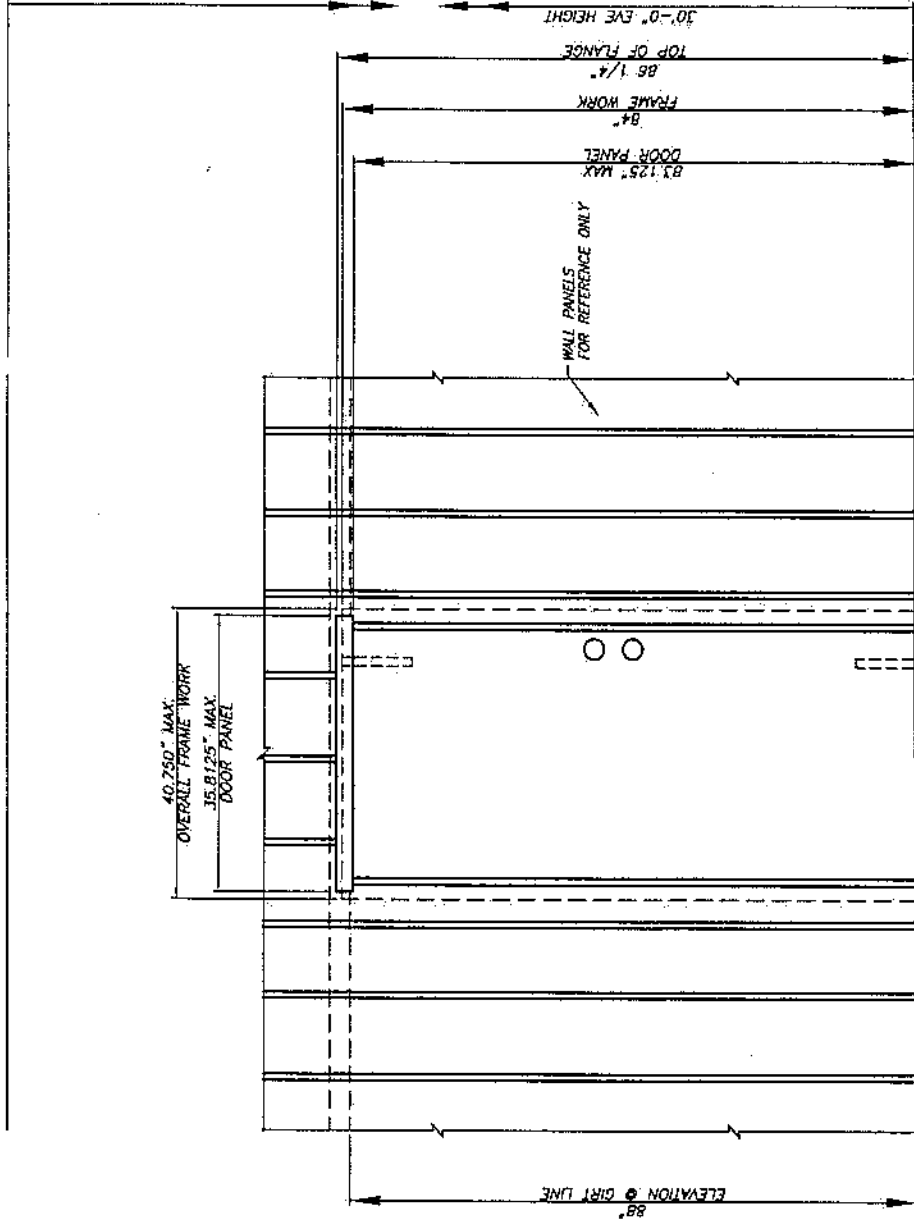
8525 Cunningham Bldg. C
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"DIAMOND" STEEL DOOR & FRAME SYSTEM FOR METAL BUILDINGS 3'-0" x 7'-0" SINGLE DOOR

GENERAL NOTES

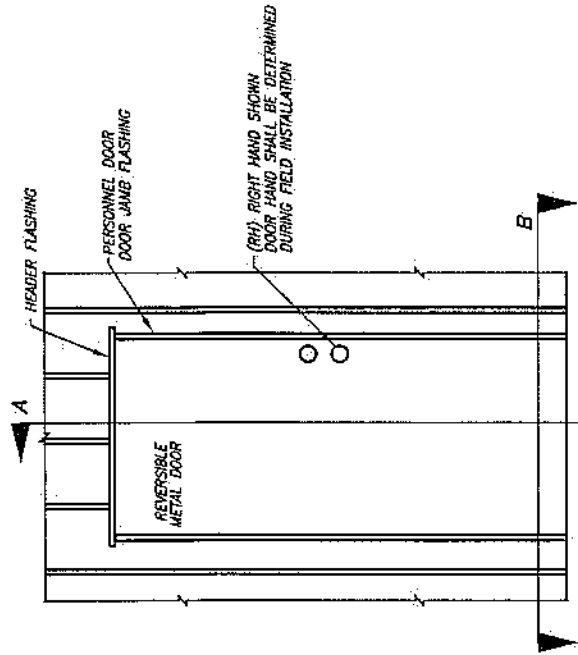
1. THIS PRODUCT IS EVALUATED TO COMPLY WITH THE FLORIDA BUILDING CODE AND TEXAS BOARD OF INSURANCE (FOR USE INSIDE OF THE "HVHZ" AREA).
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING.
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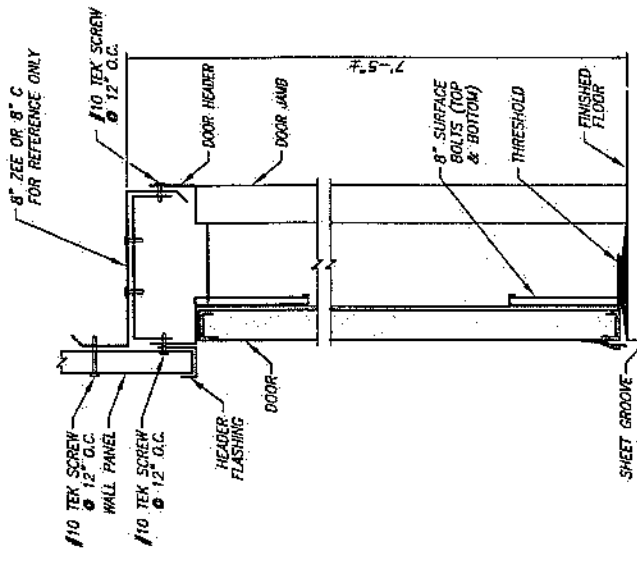
3'-0" x 7'-0" STEEL DOOR & STEEL FRAME SYSTEM (METAL BUILDING INSTALLATION)

150 mph

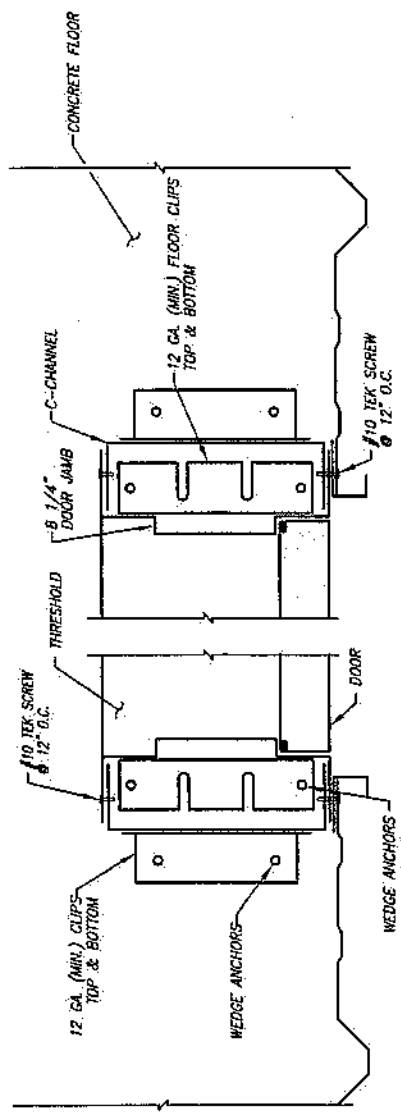
DIAMOND DOOR PRODUCTS, LTD.



EXTERIOR ELEVATION OF DOOR



SECTION A-A



SECTION B
SECTION THRU JAMB

150 mph

DIAMOND DOOR PRODUCTS, LTD.