SINGLE-SWING
HYDRAULIC SYSTEM

DOOR IS GENERIC REPRESENTATION ONLY

PRELIMINARY SAMPLE
DRAWING
NOT FOR CONSTRUCTION
LATERAL DRIFT AND VERTICAL DEFLECTION:
To maintain normal operation of the door/window system, mid-header downward deflection limit and lateral drift limit of surrounding structure is 3/8" maximum allowable rise of finished floor between jambs is 3/8".

STEEL MEMBERS:
Steel tube frame members vary in size, depending upon rough opening dimensions and covering/cladding weight. Larger openings and heavier covering or cladding will require larger steel components.

TOLERANCE: TOLERANCE FOR LOCATION OF VERTICAL AND HORIZONTAL STEEL TUBE MEMBERS IS 1/8"

IMPORTANT NOTE: DO NOT PRE-DRILL ROUGH OPENING

OUT TO OUT OF MOUNTING FRAME
3/8" Grade 5 bolts (if applicable, by others) above hinges, or every 48".

FINISHED FLOOR/SILL/COUNTER TOP (BY OTHERS)

CLOSED POSITION
OPEN POSITION

HEADER (BY OTHERS)

CLOSED PANEL HEIGHT
OPEN PANEL HEIGHT

OPERABLE PANEL WIDTH

HEADER (BY OTHERS)

MAXIMUM ALLOWABLE RISE OF FINISHED FLOOR BETWEEN JAMBS IS 3/8"

IMPORTANT NOTICE:

CROWN DOOR, LLC
PLATO, MINNESOTA 55370

SAMPLE DRAWING

CROWN SINGLE SWING HYDRAULIC SYSTEM

MODEL: SINGLE SWING
DRAWN: 6/2018

SHEET: 1.0

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED WITHIN THIS DRAWING SET IS THE SOLE PROPERTY OF CROWN DOOR, LLC (CROWN). ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE EXPRESSED WRITTEN CONSENT OF CROWN DOOR, LLC IS PROHIBITED.

IMPORTANT NOTICE:

ALL DIMENSIONS SHOWN ARE CRITICAL TO PROPER DOOR OPERATION. IF ANY CHANGES ARE MADE, CONTACT CROWN IMMEDIATELY. ANY CHANGES MAY INCUR ADDITIONAL CHARGES.

ALL PARTS NOT LISTED AS "BY OTHERS" TO BE PROVIDED BY CUSTOMER.

1. DOOR PANEL w/FRAME - EXTERIOR VIEW
2. DOOR PANEL - EXTERIOR VIEW

NO SCALE
1. SECTION VIEW @ HEAD

2. SECTION VIEW @ INT. HORIZONTAL

3. SECTION VIEW @ BASE

4. SECTION VIEW @ JAMB
POWER UNIT MAY BE LOCATED ANY DISTANCE FROM DOOR. NOTE THAT A $5.00 PER L.F. CHARGE WILL APPLY FOR POWER UNITS MOUNTED MORE THAN 10' FROM SIDE EDGE OF THE DOOR. UPON RELEASE TO PRODUCTION, ADVERSE TOTAL LINEAR-FOOT
DISTANCE OF HOSE REQUIRED TO REACH FROM TOP CENTER OF DOOR FRAME TO POWER UNIT. IF PROJECT INCLUDES MULTIPLE
DOORS, ADVERSE DISTANCE FOR EACH.
SINGLE-SWING HYDRAULIC SYSTEM

**IMPORTANT NOTE:**
- All aluminum retainer is shipped in full-length pieces, to be cut to size and/or mitered, in field.
- Details are for representation, only, showing Crown STD. Inside-Sash and Front-Set Retainer systems.
- Glass shown is most common. Other glass types/thicknesses are available.

**Front-Set Assembly**

1. Line drawing of front-set assembly with labels:
   - Fixed Gasket (Typ.)
   - Pressure Plate (Typ.)
   - Thermal Barrier Gasket (Typ.)
   - Horn (Typ.)

2. Line drawing of front-set assembly with labels:
   - Aluminum Channel Stop (Typ.)
   - Foam Tape (Typ.)

3. Line drawing of front-set assembly with labels:
   - Butyl Tape (Typ.)

4. Line drawing of inside sash assembly with labels:
   - Aluminum Channel Stop (Typ.)
   - Silicone Sealant, Full Perimeter (Typ.)

5. Line drawing of front-set assembly with labels:
   - 2 1/4" (Typ.)

6. Line drawing of front-set assembly with labels:
   - 1 1/4" (Typ.)

7. Line drawing of front-set assembly with labels:
   - 2 5/8" (Typ.)

**Exterior Side**

- Labels for exterior side of window assembly.