HERCULES®

Renowned, resilient doors. By Kingspan

CONTROLLED ENVIRONMENT DOOR SYSTEMS

COLD STORAGE

HERCULES®
CONTROLLED ENVIRONMENT DOOR SYSTEMS

Hercules® Cold Storage Doors has been a leader in the industry for over 64 years.

Our engineering staff has the capability to design doors to meet the specific design criteria of your projects. The proven performance and customer satisfaction of the Hercules® product line is worldwide. Hercules® specializes in custom designed door products for the cold storage, controlled environment, food and beverage processing / distribution, and pharmaceutical industries.

The Hercules® Door offers a complete line of specialty doors for your specific applications including Blast Freezer, Freezer, Cooler, Docks, Processing, Ripening Rooms, Automotive Test Cells, Research Facilities, and Distribution Facilities. With more than a dozen different designs, Hercules® has the door to suit your climate controlled needs.

For the complete cold storage building envelope, use Kingspan Insulated Wall and Roof panels along with Hercules® doors.

Our insulation material consists of foamed-in-place urethane modified isocyanurate, in thicknesses of 4" and 6" equating in R values as high as 49.

In an effort to continuously improve our services, please understand that we reserve the right to modify our products and details based on our professional review of each specific application. This ensures that the products you receive from Kingspan are truly premium quality.

TESTED & APPROVED

BUILDING CERTIFICATION & GREEN TARGETS

INDOOR ENVIRONMENTAL QUALITY

LIFE-CYCLED BENEFITS

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HERCULES

STANDARD
PRODUCT LINE

We refer to these door models as 'standard' because they happen to be our most popular designs. They are basic operating designs, because every Hercules® Door is custom built. Adding custom features to suit specific applications or difficult locations is part of the individualized service we are proud to offer at Hercules® Doors.

Vertical Lift Door

- Ideal for applications where there is minimum side room, or when several door openings are close together
- Suitable for drive-thru traffic in conjunction with forklifts and other freight transfer vehicles
- Available with electric or manual operation
- Double vertical lift door is also available if head room is limited to slightly more than half the door height
- Available with electric or manual operation

Infitting / Overlap Hinged Door

- Designed for use in environmentally controlled buildings such as freezers and coolers where only hand truck and personnel movement is necessary
- Suitable for both interior and exterior applications
- Available as a two-panel or 'double' hinged door for larger openings

Bi-Parting Horizontal Sliding Door

- Ideal for applications where fast opening and closing is important, especially in areas where material handling equipment such as forklifts and pallet jacks operate
- Suitable for coolers, freezers, warehouses and industrial buildings
- Available with electric or manual operation

Horizontal Sliding Door

- Utilized for both pedestrian and material handling traffic, this design is perfectly suited for applications where space limitations restrict the use of swinging doors, or when installation space is available only on one side of the door opening
- Most suitable when opening speed is not of great importance
- Available with electric or manual operation

HERCULES®
DESIGN GUIDE

Standard Configurations

Infit Swing Doors	Flush Sill Cooler	3′-0″ - 7′-0″
	Flush Sill Freezer	
	High Sill Cooler	
	High Sill Freezer	
Overlap Swing Doors	Flush Sill Cooler	
	Flush Sil Freezer	
	High Sill Cooler	
	High Sill Freezer	
MHS/ EHS Doors	Single-piece MHS Cooler	Width: 5′, 6′, 8′, 10′ Height: 7′, 8′, 10′, 12′, 14′,
	Single-piece MHS Freezer	
	Single-piece EHS Cooler	
	Single-piece EHS Freezer	
	2-piece MHS/EHS Door Panel	
EBP Doors	Single-piece EBP Cooler	
	Single-piece EBP Freezer	
	2-piece EBP Door Panel	
MVL/EVL Doors	Single-piece MVL Cooler	
	Single-piece MVL Freezer	
	Single-piece EVL Cooler	
	Single-piece EVL Freezer	
	2-piece MVL/EVL Door Panel	

Custom Configurations

Infit Swing Doors	Flush Sill Double DIF Cooler
	Flush Sill Double DIF Freezer
MHS/ EHS Doors	MHS/EHS w/ High Sill Wicket Door Cooler
	MHS/EHS w/ High Sill Wicket Door Freezer
	MHS/EHS w/ Flush Sill Wicket Door Cooler
	MHS/EHS w/ Flush Sill Wicket Door Freezer
	MHS w/ MCA Clamping Option
EBP Doors	EBP w/ High Sill Wicket Door Cooler
	EBP w/ High Sill Wicket Door Freezer
	EBP w/ Flush Sill Wicket Door Cooler
	EBP w/ Flush Sill Wicket Door Freezer
OVL Doors	Flush Sill DOL Freezer
MVL/EVL Doors	MVL/EVL w/ High Sill OVL Wicket Door Cooler
	MVL/EVL w/ High Sill OVL Wicket Door Freezer
	MVL/EVL w/ Eccentric Clamping Option

Standard Configurations shown are considered standard lead time items.

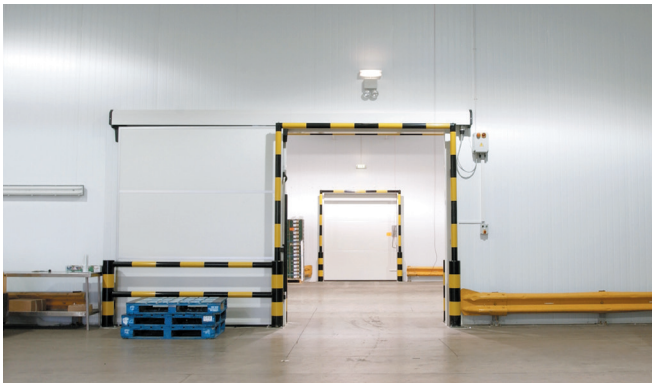
Custom Configurations require additional lead times.

All Doors can be manufactured in 1″ increments up to the maximum dimensions. These are considered Custom Configurations and require additional pricing and lead times.

All configurations shown can be supported by an engineered drawing. Any configuration outside the parameters shown requires engineering approval.

Please consult with your Sales Representative for any special situations.

HERCULES®
SERVICE ADVANTAGES



Global Scale Performance
Hercules® doors control temperature-sensitive environments under the most demanding circumstances. Regardless of the space restraints or the application, Hercules® has the right door for the job.

Speciality Doors
Hercules® has a worldwide reputation as the supplier of choice for speciality doors designed for non-standard applications. When you need an insulated door built for custom applications – and to a precise specification – you can be confident no one has more experience in the design and manufacture of special purpose doors than Hercules®.

Legendary Hercules® Quality
Since 1952, Hercules® has been the door of choice for food manufacturers and distributors in the dairy, meat, produce, beverage, pharmaceutical and food processing industries. Applications include Blast Freezers, Coolers, Ripening Rooms, Automotive Test Cells, Research Facilities, and countless other applications where extreme temperatures must be kept inside or outside.

Warranty
Kingspan warrants to the owner of the building that the Hercules® Door manufactured by Kingspan will be free from defects in materials and workmanship under normal use and service for a period of FIVE (5) years.

Building for the Future
Kingspan is a recognized industry leader in sustainable building design. Our closed-cell, foamed-in-place insulation delivers the industry's highest R-values. Our products help buildings last longer and save energy. We have years of expertise in designing for sustainability and have specifications and LEED credit information available.

Superior Standard Features Deliver Performance Reliability
All Hercules® motorized insulated doors include:

- Concealed inside manual release
- Advanced DC brushless motor system provides necessary power in compact package
- Pneumatically actuated instant reversing safety edge
- NEMA-4 control box
- Adaptive controller with 7 programmable inputs for open/close devices and other accessories
- Calibration to any door size with external battery backup
- Electronic overload protection
- External wiring enclosed in flexible waterproof conduit
- Smooth roller drive chains incorporating a special link for manual disconnect
- All electronic components are factory assembled and pre-wired for fast, simple installation
- 120-volt perimeter cables keep gaskets frost-free

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HERCULES®
MATERIAL SPECIFICATIONS

Core Panel
Class 1 foamed in place Modified Polyisocyanurate 4" Cooler and Freezer ; 6" Freezer.

Finish
Door panels and frames are available in these metal claddings:
- 24, 26 gauge Pre-Painted Steel
- Stainless Steel
- Aluminum
- Clean*Safe* FRP facings with Stainless Perimeter.

Colors
- White
- Galvanized

Power Operation
Standard Electric and High Speed Electric are available. Soft Start / Soft Stop down and in movement.

View Windows
12" x 12" acrylic vision panels are standard on industrial doors. Insulated vision panels are available as an option on all cold storage doors. Custom sizes are available for larger applications in sliding and vertical doors.

Controls
1. Radio control – this device allows operators to remotely open and close doors set to different frequencies
2. Photoelectric cell open / close - available in single or multiple combinations to control oneway or two-way traffic flow
3. Time delay relay – when a set time elapses, this relay device activates the door's closing circuitry in order to save energy costs
4. Closing signal warning - signals when a door is closing to warn any approaching traffic
5. Motion detector – ultrasonic scanning device senses movement of any approaching vehicle
6. Partial opening pedestrian control - allows for minimum opening distance for pedestrian egress
7. Proximity wire loop – allows for "hands free" operation of the door by position of forklift traffic when used in conjunction with the time delay close option
8. Electric interlock - allows for linking operation of one door to another, or to the operation of any other controllable equipment such as conveyors, air curtains, etc.

Hardware
Corrosion resistant finish is standard. Stainless steel hardware is available as an option.

Locking Devices
1. Padlocks
2. Cylinder locks (swinging doors only)

Kick Plates
For doors with metal cladding, steel kick plates may be added to protect against traffic abuse. Ask for specifications.

Rail Construction
Meat rail and monorail construction are available.

Other Options
- Pedestrian Pass Doors
- Heated Control Panel
- Inside Casings
- Escape Personnel Door with Panic Bar Release
- Rain Hood

The American Institute of Architects

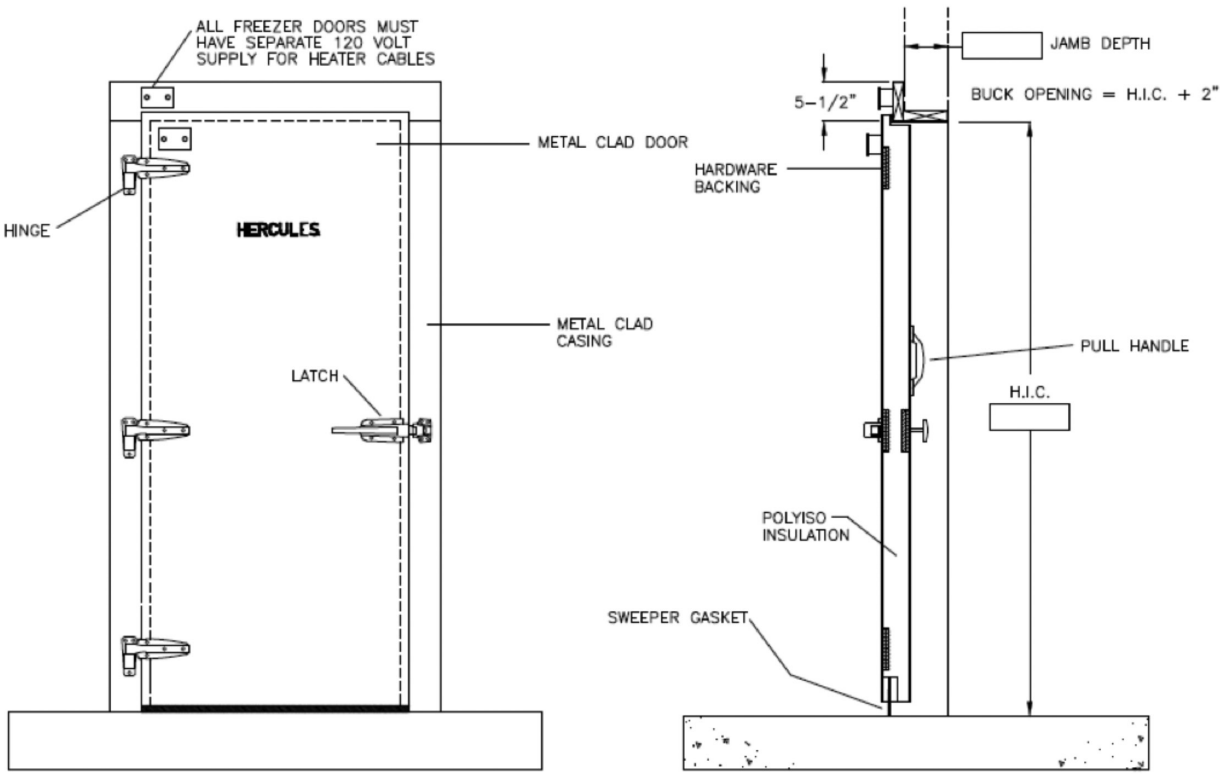
International Door Association
Enhancing the Value and Professionalism of Door & Access Systems Dealers

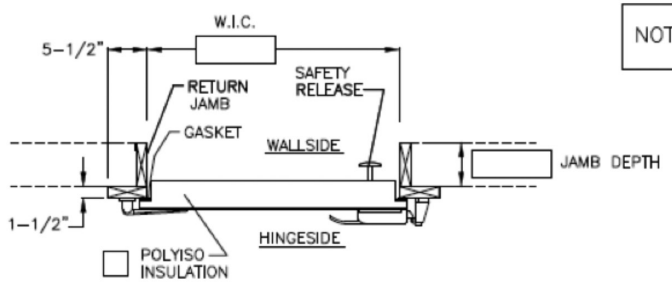
International Association for Cold Storage Construction

MTA-BK01 09/09 Reorder MBF 407-657-7414

Environmental Benefits Statement
Kingspan Insulated Panels saved the following resources by printing this booklet with paper made from 30% recycled fiber PCW, 70% Forest Stewardship Council (FSC) approved paper and manufactured with an energy consumption which is 79% renewable.

Trees	Water	Energy	Solid Waste	Grennhouse Gasses
1.2 fully grown	256 gallons	.6 Million Btu	55 pounds	93 pounds





NOTE: LEFT SWING SHOWN, RIGHT SWING OPPOSITE

INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   - ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   - WALL SIDE HINGESIDE
   - =_____°F =_____°F
3. SWING
   - ☐LEFT
   - ☐RIGHT
4. PANEL AND FRAME CLADDING
   - ☐WHITE STUCCO EMBOSSED GALV STEEL
   - ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   - ☐MILL FINISH STUCCO EMBOSSED STEEL
   - ☐STAINLESS STEEL
   - ☐WHITE STUCCO EMBOSSED ALUMINUM
   - ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
5. LATCH
   - ☐PADLOCKABLE ☐KEYED LATCH
     - ☐WHITE POWDER COAT
     - ☐STAINLESS STEEL
     - ☐OTHER
6. INTERIOR RELEASE
   - ☐SAFETY RELEASE W/ NYLON PUSH ROD
   - ☐PUSH BAR
   - ☐PANIC BAR – NO EXTERIOR RE-ENTRY
   - ☐PANIC BAR – WITH KEYED LEVER
   - ☐OTHER
7. HINGE
   - ☐WHITE POWDER COAT
   - ☐STAINLESS STEEL
   - ☐OTHER
8. FASTENERS
   - ☐THROUGH BOLTS
   - ☐GALV LAG BOLTS
   - ☐OTHER
9. JAMBS
   - JAMB DEPTH_____
   - ☐HDPE CLAD IN SAME MATL AS DOOR
   - ☐CHANNEL TRIM
   - ☐OTHER

OPTIONS

10. ☐FREEZER DOOR
    - HEATER WIRE RUN THROUGH 3 SIDES OF DOOR FRAME AS WELL AS BOTTOM OF DOOR
11. ☐INSIDE CASINGS
12. ☐DOOR CLOSER
13. ☐HOOD
    - ☐MATCHED TO FACE OF DOOR
    - ☐OTHER
14. ☐KICKPLATES
    - ☐HINGESIDE ☐WALLSIDE
    - HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
      - ☐ALUMINUM DIAMOND PLATE
      - ☐18 GA. STAINLESS STEEL
      - ☐16 GA. GALV. STEEL
      - ☐OTHER
15. ☐VISION PANEL
    - ☐12" X 12" INSULATED
    - ☐12" x 12" HEATED
    - ☐OTHER

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	SWING	FINISH COVERING	FINISH GAGE	HARDWARE FINISH	RETURN DEPTH

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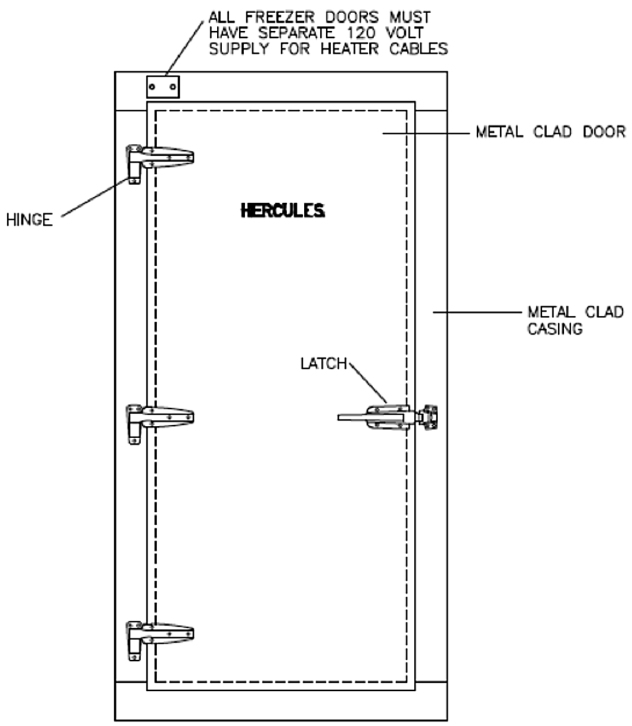
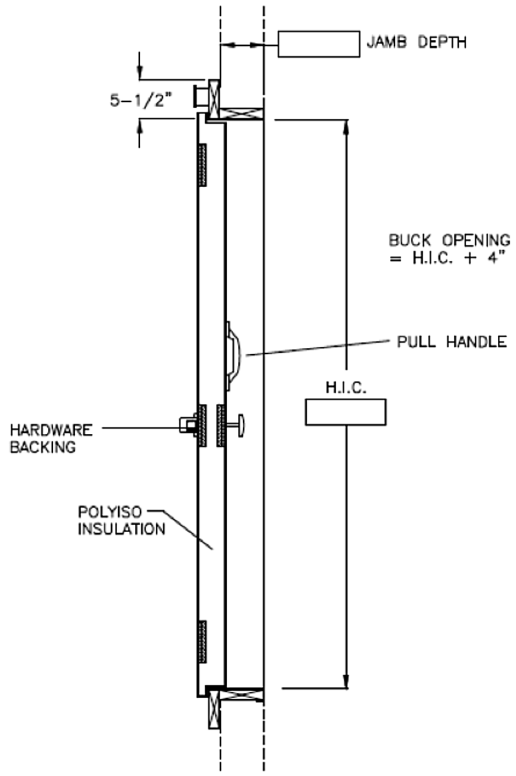
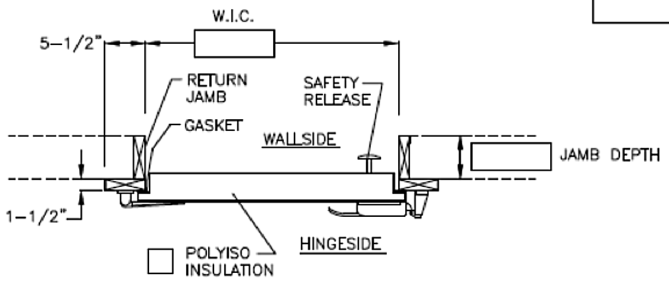
FLUSH SILL INFITTING DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER





NOTE: LEFT SWING SHOWN, RIGHT SWING OPPOSITE



INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   - ☐ 4"
   - ☐ 6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE _____ °F HINGESIDE _____ °F
3. SWING
   - ☐ LEFT
   - ☐ RIGHT
4. PANEL AND FRAME CLADDING
   - ☐ WHITE STUCCO EMBOSSED GALV STEEL
   - ☐ SANDSTONE STUCCO EMBOSSED GALV STEEL
   - ☐ MILL FINISH STUCCO EMBOSSED STEEL
   - ☐ STAINLESS STEEL
   - ☐ WHITE STUCCO EMBOSSED ALUMINUM
   - ☐ MILL FINISH STUCCO EMBOSSED ALUMINUM
5. LATCH
   - ☐ PADLOCKABLE ☐ KEYED LATCH
     - ☐ WHITE POWDER COAT
     - ☐ STAINLESS STEEL
     - ☐ OTHER
6. INTERIOR RELEASE
   - ☐ SAFETY RELEASE W/ NYLON PUSH ROD
   - ☐ PUSH BAR
   - ☐ PANIC BAR – NO EXTERIOR RE-ENTRY
   - ☐ PANIC BAR – WITH KEYED LEVER
   - ☐ OTHER
7. HINGE
   - ☐ WHITE POWDER COAT
   - ☐ STAINLESS STEEL
   - ☐ OTHER
8. FASTENERS
   - ☐ THROUGH BOLTS
   - ☐ GALV LAG BOLTS
   - ☐ OTHER
9. JAMBS
   JAMB DEPTH_____
   - ☐ HDPE CLAD IN SAME MATL AS DOOR
   - ☐ CHANNEL TRIM
   - ☐ OTHER

OPTIONS

10. ☐ FREEZER DOOR
    HEATER WIRE RUN THROUGH ALL SIDES OF THE DOOR FRAME
11. ☐ INSIDE CASINGS
12. ☐ DOOR CLOSER
13. ☐ HOOD
    - ☐ MATCHED TO FACE OF DOOR
    - ☐ OTHER
14. ☐ KICKPLATES
    ☐ HINGESIDE ☐ WALLSIDE
    HEIGHT: ☐ 18" ☐ 24" ☐ 36" ☐ 48" ☐ OTHER
    - ☐ ALUMINUM DIAMOND ☐ PLATE ☐
    - ☐ 18 GA. STAINLESS STEEL
    - ☐ 16 GA. GALV. STEEL
    - ☐ OTHER
15. ☐ VISION PANEL
    - ☐ 12" X 12" INSULATED
    - ☐ 12" x 12" HEATED
    - ☐ OTHER

	DOOR NO.	QTY.	W.I.C.	H.I.C.	SWING	USE	FINISH COVERING	FINISH GAGE	HARDWARE FINISH	RETURN DEPTH

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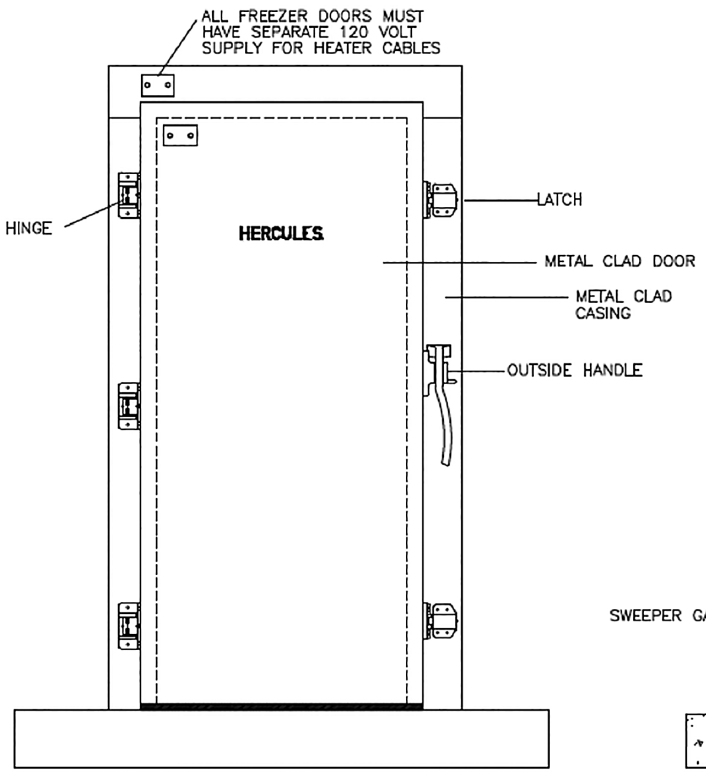
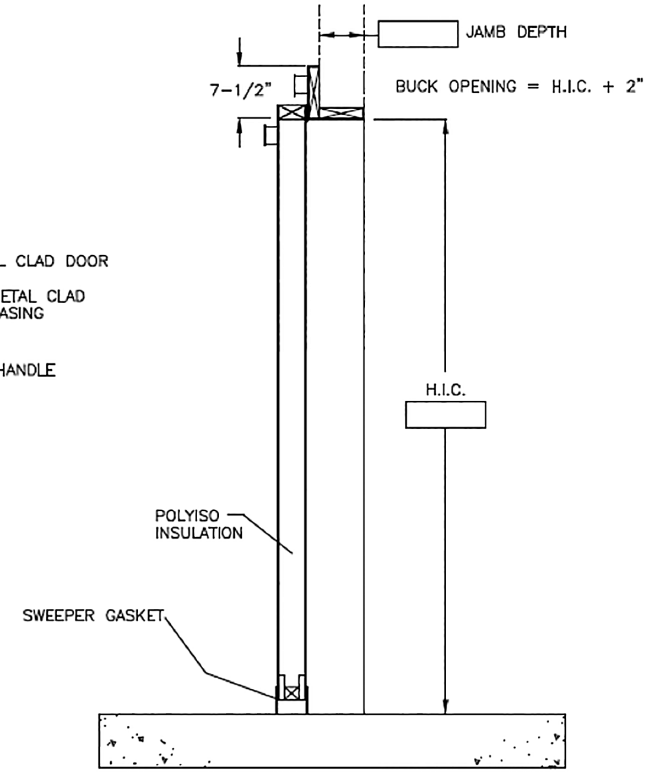
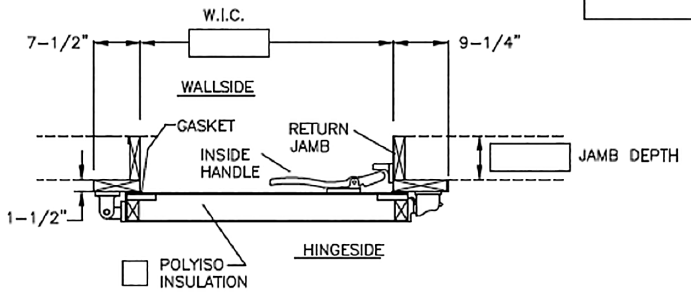
HIGH SILL INFITTING DOOR

SCALE: NONE	DRAWN BY
DATE:	
For:	Job No.
	DRAWING NUMBER





NOTE: LEFT SWING SHOWN, RIGHT SWING OPPOSITE



INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____°F
3. SWING
   ☐LEFT
   ☐RIGHT
4. PANEL AND FRAME CLADDING
   ☐WHITE STUCCO EMBOSSED GALV STEEL
   ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   ☐MILL FINISH STUCCO EMBOSSED STEEL
   ☐STAINLESS STEEL
   ☐WHITE STUCCO EMBOSSED ALUMINUM
   ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
5. FASTENERS
   ☐THROUGH BOLTS
   ☐GALV LAG BOLTS
   ☐OTHER
6. JAMBS
   JAMB DEPTH_____
   ☐HDPE CLAD IN SAME MATL AS DOOR
   ☐CHANNEL TRIM
   ☐OTHER

OPTIONS

7. ☐FREEZER DOOR
   HEATER WIRE RUN THROUGH 3 SIDES OF DOOR FRAME AS WELL AS BOTTOM OF DOOR
8. ☐INSIDE CASINGS
9. ☐HOOD
   ☐MATCHED TO FACE OF DOOR
   ☐OTHER
10. ☐KICKPLATES
    ☐HINGESIDE ☐WALLSIDE
    HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
    ☐ALUMINUM DIAMOND PLATE
    ☐18 GA. STAINLESS STEEL
    ☐16 GA. GALV. STEEL
    ☐OTHER
11. ☐VISION PANEL
    ☐12" X 12" INSULATED
    ☐12" x 12" HEATED
    ☐OTHER

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	SWING	FINISH		HARDWARE FINISH	RETURN DEPTH
							COVERING	GAGE		

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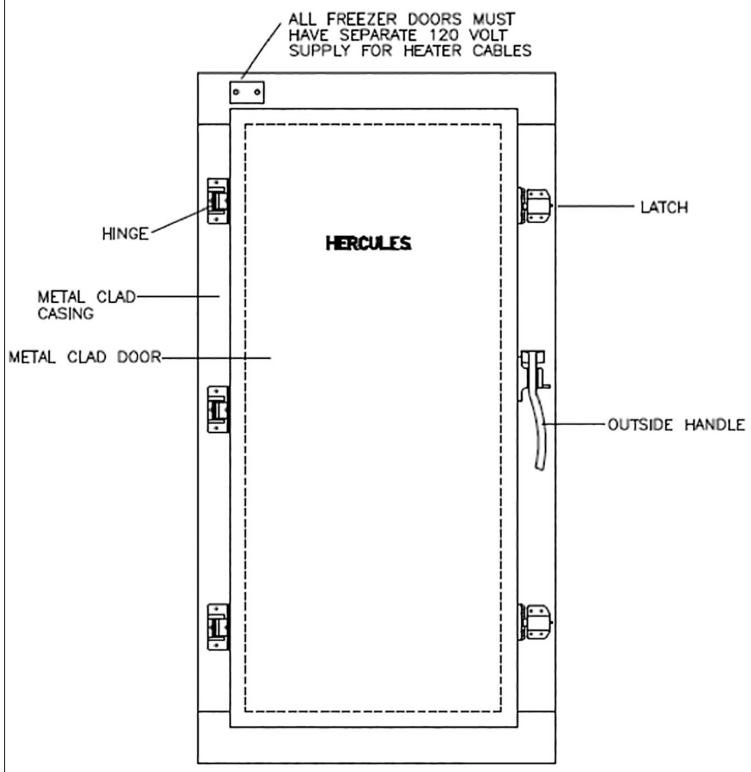
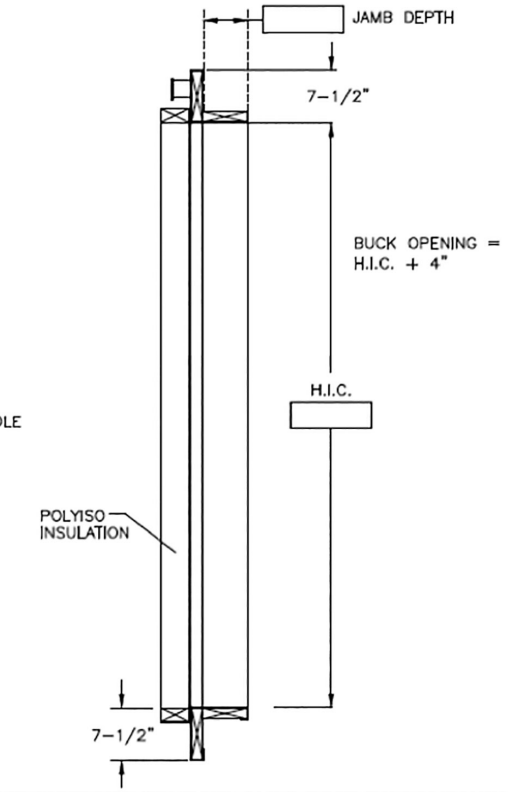
FLUSH SILL OVERLAP DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER





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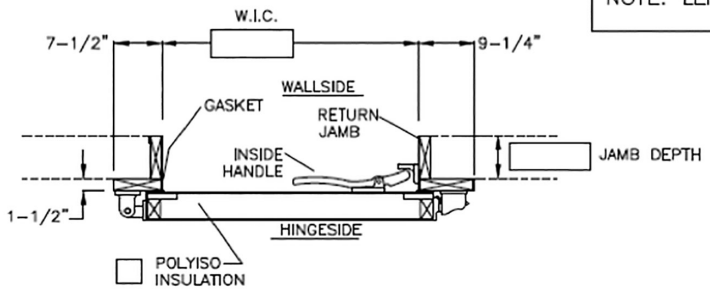

INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   - ☐ 4"
   - ☐ 6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE _____ °F HINGESIDE _____ °F
3. SWING
   - ☐ LEFT
   - ☐ RIGHT
4. PANEL AND FRAME CLADDING
   - ☐ WHITE STUCCO EMBOSSED GALV STEEL
   - ☐ SANDSTONE STUCCO EMBOSSED GALV STEEL
   - ☐ MILL FINISH STUCCO EMBOSSED STEEL
   - ☐ STAINLESS STEEL
   - ☐ WHITE STUCCO EMBOSSED ALUMINUM
   - ☐ MILL FINISH STUCCO EMBOSSED ALUMINUM
5. FASTENERS
   - ☐ THROUGH BOLTS
   - ☐ GALV LAG BOLTS
   - ☐ OTHER
6. JAMBS
   JAMB DEPTH_____
   - ☐ HDPE CLAD IN SAME MATL AS DOOR
   - ☐ CHANNEL TRIM
   - ☐ OTHER

OPTIONS

7. ☐ FREEZER DOOR
   HEATER WIRE RUN THROUGH 3 SIDES OF DOOR FRAME AS WELL AS BOTTOM OF DOOR
8. ☐ INSIDE CASINGS
9. ☐ HOOD
   - ☐ MATCHED TO FACE OF DOOR
   - ☐ OTHER
10. ☐ KICKPLATES
    ☐ HINGESIDE ☐ WALLSIDE
    HEIGHT: ☐ 18" ☐ 24" ☐ 36" ☐ 48" ☐ OTHER
    - ☐ ALUMINUM DIAMOND PLATE
    - ☐ 18 GA. STAINLESS STEEL
    - ☐ 16 GA. GALV. STEEL
    - ☐ OTHER
11. ☐ VISION PANEL
    - ☐ 12" X 12" INSULATED
    - ☐ 12" x 12" HEATED
    - ☐ OTHER

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	SWING	FINISH COVERING	FINISH GAGE	HARDWARE FINISH	RETURN DEPTH

HERCULES
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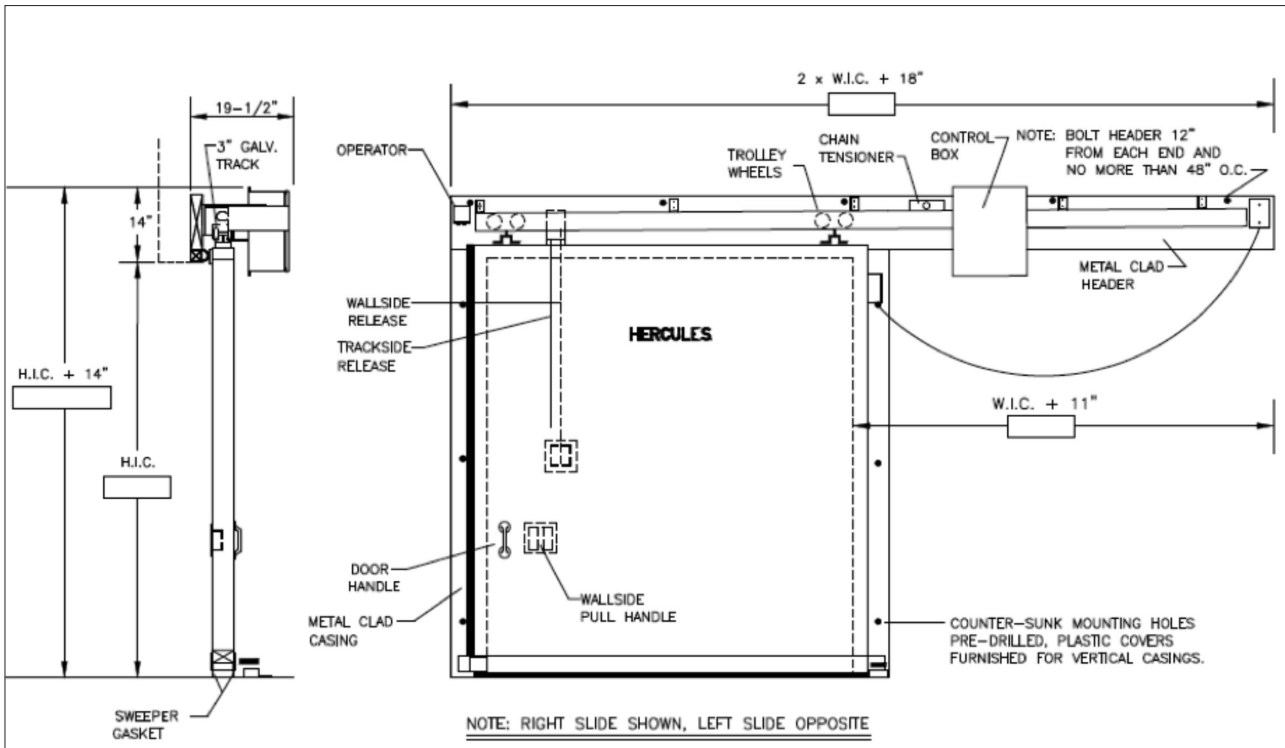
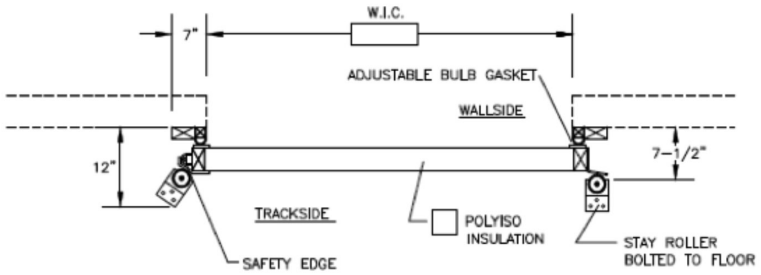
HIGH SILL OVERLAP DOOR

SCALE: NONE	DRAWN BY
DATE:	
For:	Job No.
	DRAWING NUMBER



NOTE: RIGHT SLIDE SHOWN, LEFT SLIDE OPPOSITE



NOTE: ALL FREEZER DOORS MUST HAVE SEPERATE 120 VOLT SUPPLY FOR HEATER CABLES

INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   - ☐ 4"
   - ☐ 6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____ F
3. SLIDE DIRECTION
   - ☐ LEFT
   - ☐ RIGHT
4. PANEL AND FRAME CLADDING
   - ☐ WHITE STUCCO EMBOSSED GALV STEEL
   - ☐ MILL FINISH STUCCO EMBOSSED STEEL
   - ☐ STAINLESS STEEL
   - ☐ SANDSTONE STUCCO EMBOSSED GALV STEEL
   - ☐ WHITE STUCCO EMBOSSED ALUMINUM
   - ☐ MILL FINISH STUCCO EMBOSSED ALUMINUM
5. JAMBS
   JAMB DEPTH_____
   - ☐ HDPE CLAD IN SAME MATL AS DOOR
   - ☐ CHANNEL TRIM
   - ☐ OTHER
6. OPERATOR
   - ☐ STANDARD OPERATOR
   - ☐ HIGH SPEED OPERATOR

OPTIONS

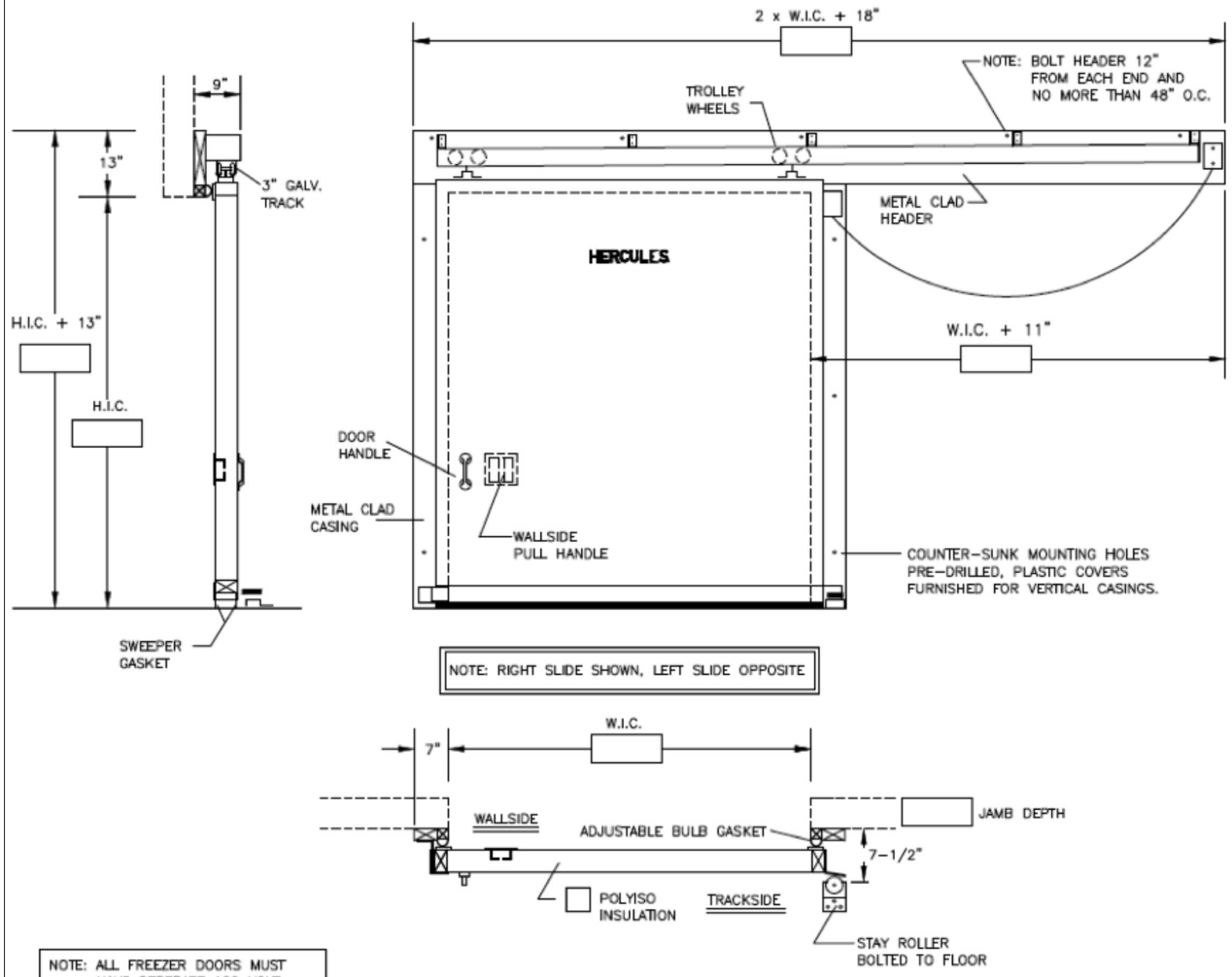
7. ☐ FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
8. ☐ INSIDE CASINGS
9. ☐ HOOD
   - ☐ MATCHED TO FACE OF DOOR
   - ☐ OTHER
10. ☐ KICKPLATES
    - ☐ HINGESIDE
    - HEIGHT: ☐ 18" ☐ 24" ☐ 36" ☐ 48" ☐ OTHER
      - ☐ ALUMINUM DIAMOND PLATE
      - ☐ 18 GA. STAINLESS STEEL
      - ☐ 16 GA. GALV. STEEL
      - ☐ OTHER
11. ☐ VISION PANEL
    - ☐ 12" X 12" INSULATED
    - ☐ 12" x 12" HEATED
    - ☐ OTHER
12. ☐ LOCKING DEVICE
    - ☐ TRACKSIDE ☐ WALLSIDE
      - ☐ WITH POWER CUTOFF AND SAFETY RELEASE
      - ☐ WITH POWER CUTOFF – NO SAFETY RELEASE
13. ☐ RADIO CONTROL
14. ☐ PHOTOCELL ☐ TO OPEN ☐ AS SAFETY
15. ☐ MOTION DETECTOR ☐ TO OPEN ☐ AS SAFETY
16. ☐ LOOP DETECTOR ☐ TO OPEN ☐ AS SAFETY
17. ☐ TIMER DELAY CLOSE

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	VOLTAGE	LOCK	FINISH COVERING	FINISH GAGE	SLIDE

HERCULES
Renowned, resilient doors. By Kingspan

ELECTRIC HORIZONTAL SLIDING DOOR

SCALE: NONE	DRAWN BY
DATE:	
For:	Job No.
	DRAWING NUMBER



INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____ F
3. SLIDE DIRECTION
   ☐LEFT
   ☐RIGHT
4. PANEL AND FRAME CLADDING
   ☐WHITE STUCCO EMBOSSED GALV STEEL
   ☐MILL FINISH STUCCO EMBOSSED STEEL
   ☐STAINLESS STEEL
   ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   ☐WHITE STUCCO EMBOSSED ALUMINUM
   ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
5. JAMBS
   JAMB DEPTH_____
   ☐HDPE CLAD IN SAME MATL AS DOOR
   ☐CHANNEL TRIM
   ☐OTHER

OPTIONS

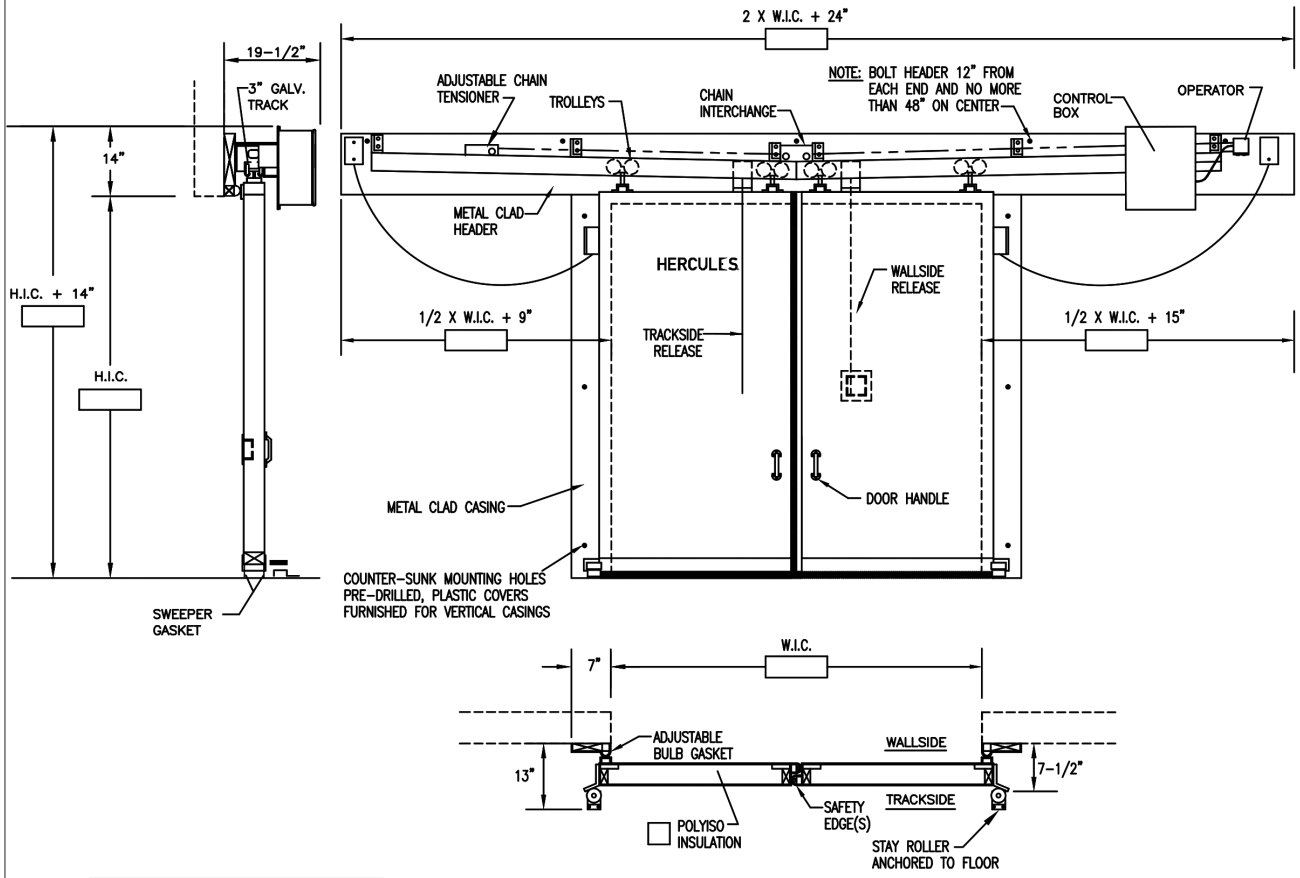
6. ☐FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
7. ☐INSIDE CASINGS
8. ☐HOOD
   ☐MATCHED TO FACE OF DOOR
   ☐OTHER
9. ☐KICKPLATES
   ☐HINGESIDE
   HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
   ☐ALUMINUM DIAMOND PLATE
   ☐18 GA. STAINLESS STEEL
   ☐16 GA. GALV. STEEL
   ☐OTHER
10. ☐VISION PANEL
    ☐12" X 12" INSULATED
    ☐12" x 12" HEATED
    ☐OTHER
11. ☐LOCKING DEVICE
    ☐TRACKSIDE ☐WALLSIDE
    ☐WITH SAFETY RELEASE
    ☐WITH NO SAFETY RELEASE

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	LOCK	SAFETY RELEASE	FINISH COVERING	FINISH GAGE	SLIDE

HERCULES
Renowned, resilient doors. By Kingspan

MANUAL HORIZONTAL SLIDING DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER



NOTE: ALL FREEZER DOORS MUST HAVE SEPERATE 120 VOLT SUPPLY FOR HEATER CABLES FOR EACH DOOR

INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   - ☐ 4"
   - ☐ 6" (FREEZER ONLY)
2. TEMPERATURES
   - WALL SIDE _____ °F
   - HINGESIDE _____ F
3. SLIDE DIRECTION
   - ☐ LEFT
   - ☐ RIGHT
4. PANEL AND FRAME CLADDING
   - ☐ WHITE STUCCO EMBOSSED GALV STEEL
   - ☐ MILL FINISH STUCCO EMBOSSED STEEL
   - ☐ STAINLESS STEEL
   - ☐ SANDSTONE STUCCO EMBOSSED GALV STEEL
   - ☐ WHITE STUCCO EMBOSSED ALUMINUM
   - ☐ MILL FINISH STUCCO EMBOSSED ALUMINUM
5. JAMBS
   - JAMB DEPTH _____
   - ☐ HDPE CLAD IN SAME MATL AS DOOR
   - ☐ CHANNEL TRIM
   - ☐ OTHER
6. OPERATOR
   - ☐ STANDARD OPERATOR
   - ☐ HIGH SPEED OPERATOR

OPTIONS

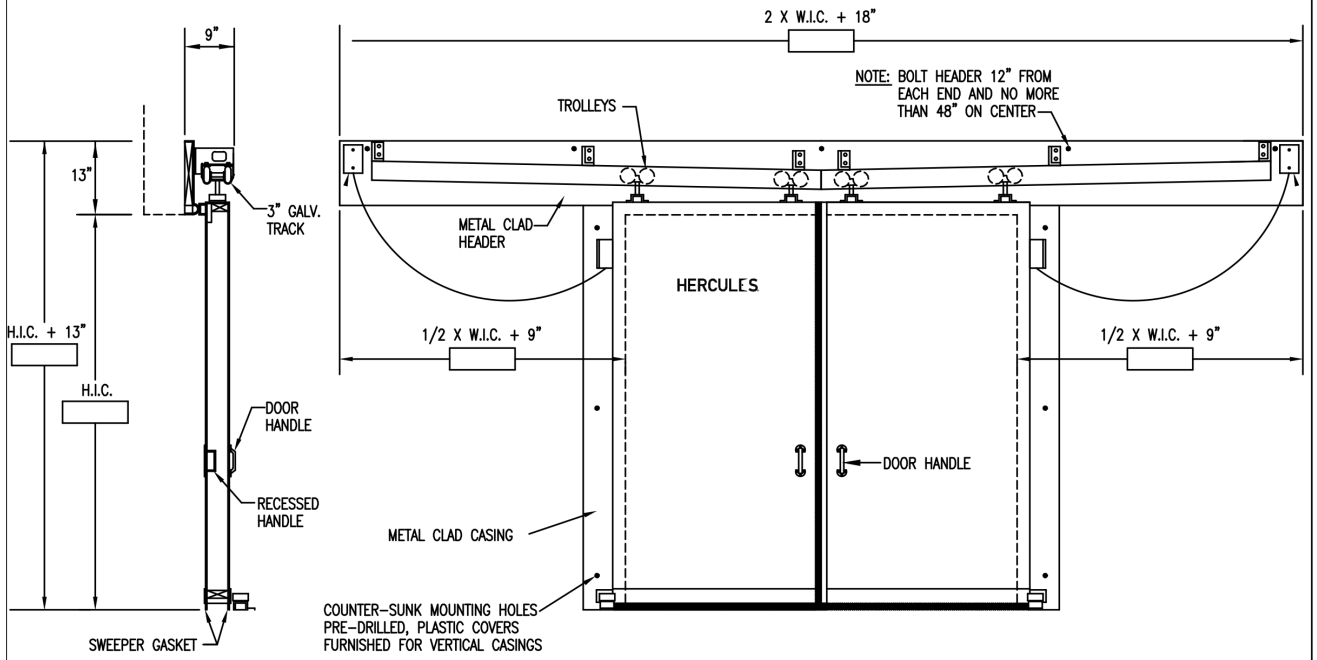
7. ☐ FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
8. ☐ INSIDE CASINGS
9. ☐ HOOD
   - ☐ MATCHED TO FACE OF DOOR
   - ☐ OTHER
10. ☐ KICKPLATES
    - ☐ HINGESIDE
    - HEIGHT: ☐ 18" ☐ 24" ☐ 36" ☐ 48" ☐ OTHER
      - ☐ ALUMINUM DIAMOND PLATE
      - ☐ 18 GA. STAINLESS STEEL
      - ☐ 16 GA. GALV. STEEL
      - ☐ OTHER
11. ☐ VISION PANEL
    - ☐ 12" X 12" INSULATED
    - ☐ 12" x 12" HEATED
    - ☐ OTHER
12. ☐ LOCKING DEVICE
    - ☐ TRACKSIDE ☐ WALLSIDE
      - ☐ WITH POWER CUTOFF AND SAFETY RELEASE
      - ☐ WITH POWER CUTOFF – NO SAFETY RELEASE
13. ☐ RADIO CONTROL
14. ☐ PHOTOCELL
    ☐ TO OPEN ☐ AS SAFETY
15. ☐ MOTION DETECTOR
    ☐ TO OPEN ☐ AS SAFETY
16. ☐ LOOP DETECTOR
    ☐ TO OPEN ☐ AS SAFETY
17. ☐ TIMER DELAY CLOSE

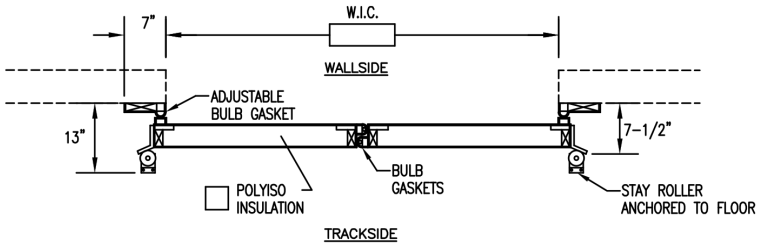
	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	VOLTAGE	LOCK	SAFETY RELEASE	FINISH COVERING	FINISH GAGE	

HERCULES®
Renowned, resilient doors. By Kingspan

ELECTRIC BI-PARTING SLIDING DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER





NOTE: ALL FREEZER DOORS MUST HAVE SEPERATE 120 VOLT SUPPLY FOR HEATER CABLES FOR BOTH DOORS

INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____ F
3. SLIDE DIRECTION
   ☐LEFT
   ☐RIGHT
4. PANEL AND FRAME CLADDING
   ☐WHITE STUCCO EMBOSSED GALV STEEL
   ☐MILL FINISH STUCCO EMBOSSED STEEL
   ☐STAINLESS STEEL
   ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   ☐WHITE STUCCO EMBOSSED ALUMINUM
   ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
5. JAMBS
   JAMB DEPTH_____
   ☐HDPE CLAD IN SAME MATL AS DOOR
   ☐CHANNEL TRIM
   ☐OTHER

OPTIONS

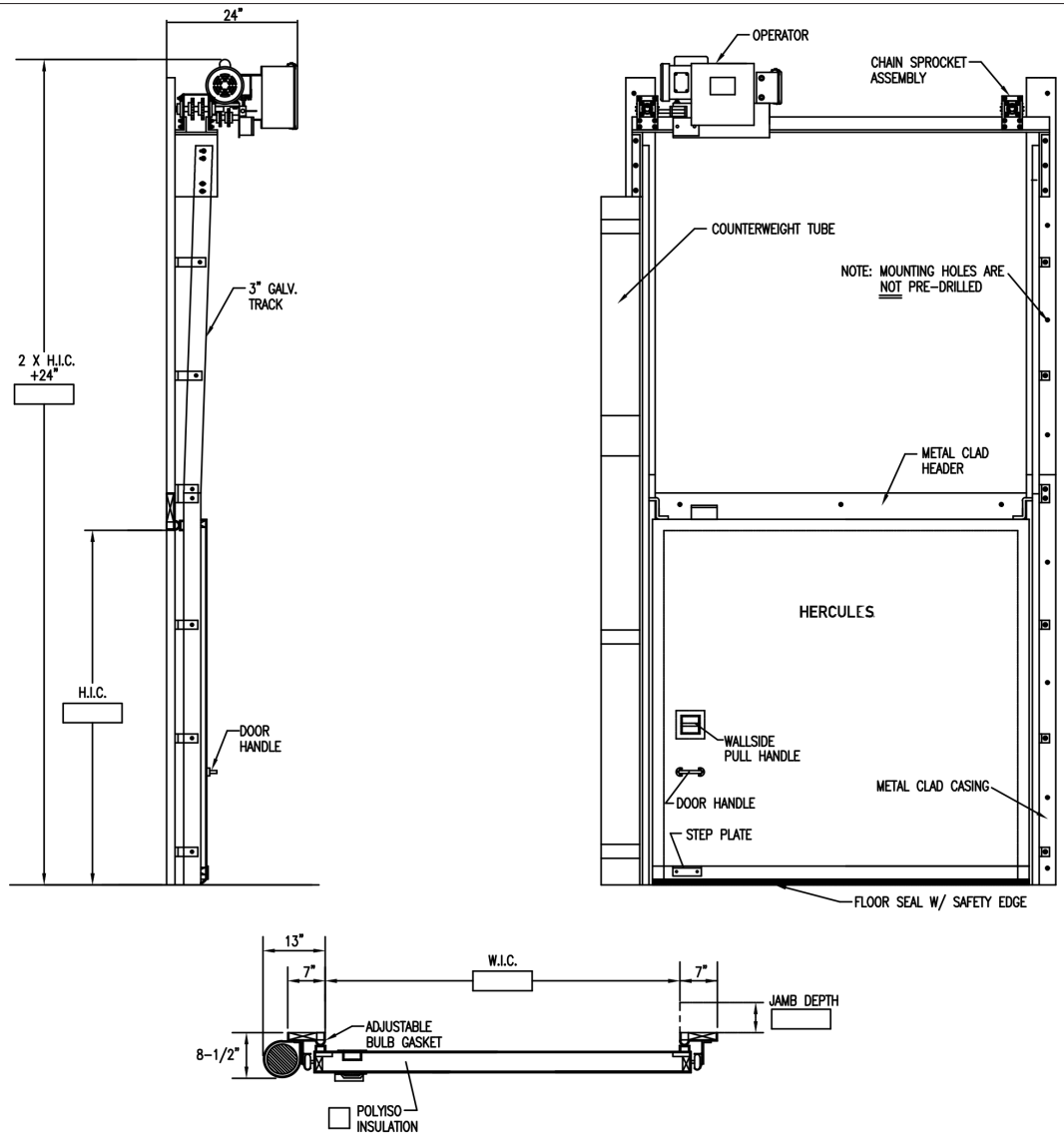
6. ☐FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
7. ☐INSIDE CASINGS
8. ☐HOOD
   ☐MATCHED TO FACE OF DOOR
   ☐OTHER
9. ☐KICKPLATES
   ☐HINGESIDE
   HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
   ☐ALUMINUM DIAMOND PLATE
   ☐18 GA. STAINLESS STEEL
   ☐16 GA. GALV. STEEL
   ☐OTHER
10. ☐VISION PANEL
    ☐12" X 12" INSULATED
    ☐12" x 12" HEATED
    ☐OTHER
11. ☐LOCKING DEVICE
    ☐TRACKSIDE ☐WALLSIDE
    ☐WITH SAFETY RELEASE
    ☐WITH NO SAFETY RELEASE

	DOOR NO.	QTY.	W.I.C.	H.I.C.	LOCK	SAFETY RELEASE	FINISH		USE
							COVERING	GAGE	

HERCULES
Renowned, resilient doors. By Kingspan

MANUAL BI-PARTING SLIDING DOOR

SCALE: NONE	DRAWN BY
DATE:	
For:	Job No.
	DRAWING NUMBER



INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____°F
3. PANEL AND FRAME CLADDING
   ☐WHITE STUCCO EMBOSSED GALV STEEL
   ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   ☐MILL FINISH STUCCO EMBOSSED STEEL
   ☐STAINLESS STEEL
   ☐WHITE STUCCO EMBOSSED ALUMINUM
   ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
4. JAMBS
   JAMB DEPTH_____
   ☐HDPE CLAD IN SAME MATL AS DOOR
   ☐CHANNEL TRIM
   ☐OTHER

OPTIONS

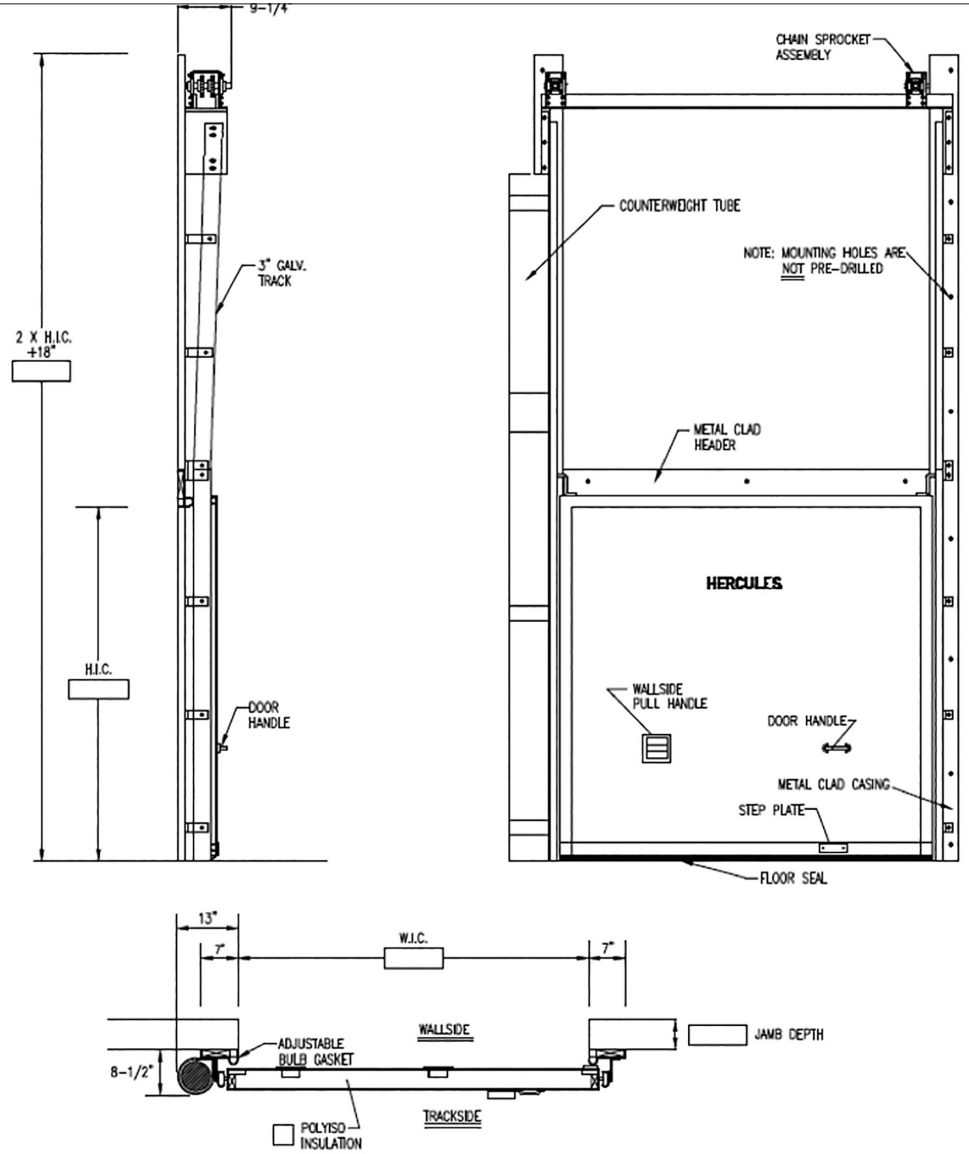
5. ☐FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
6. ☐INSIDE CASINGS
7. ☐HOOD
   ☐MATCHED TO FACE OF DOOR
   ☐OTHER
8. ☐KICKPLATES
   ☐HINGESIDE ☐WALLSIDE
   HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
   ☐ALUMINUM DIAMOND PLATE
   ☐18 GA. STAINLESS STEEL
   ☐16 GA. GALV. STEEL
   ☐OTHER
9. ☐VISION PANEL
   ☐12" X 12" INSULATED
   ☐12" x 12" HEATED
   ☐OTHER
10. ☐LOCKING DEVICE
    ☐TRACKSIDE ☐WALLSIDE
    ☐WITH POWER CUTOFF & SAFETY RELEASE
    ☐WITH POWER CUTOFF – NO RELEASE
11. ☐RADIO CONTROL
12. ☐PHOTOCELL
    ☐TO OPEN ☐AS SAFETY
13. ☐MOTION DETECTOR
    ☐TO OPEN ☐AS SAFETY
14. ☐LOOP DETECTOR
    ☐TO OPEN ☐AS SAFETY
15. ☐TIMER DELAY CLOSE

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	SWING	FINISH		HARDWARE FINISH	RETURN DEPTH
							COVERING	GAGE		

HERCULES
Renowned, resilient doors. By Kingspan

ELECTRIC VERTICAL LIFT DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER



INSTALLATION REQUIREMENTS

I. THE FLOOR UNDER THE DOOR MUST BE LEVEL AND SMOOTH

II. THE WALL BEHIND THE DOOR FRAME MUST BE SMOOTH AND IN A COMMON PLANE

DOOR PANEL AND FRAME

1. DOOR THICKNESS
   ☐4" ☐6" (FREEZER ONLY)
2. TEMPERATURES
   WALL SIDE HINGESIDE
   =_____°F =_____°F
3. PANEL AND FRAME CLADDING
   ☐WHITE STUCCO EMBOSSED GALV STEEL
   ☐SANDSTONE STUCCO EMBOSSED GALV STEEL
   ☐MILL FINISH STUCCO EMBOSSED STEEL
   ☐STAINLESS STEEL
   ☐WHITE STUCCO EMBOSSED ALUMINUM
   ☐MILL FINISH STUCCO EMBOSSED ALUMINUM
4. JAMBS
   JAMB DEPTH_____
   ☐HDPE CLAD IN SAME MATL AS DOOR
   ☐CHANNEL TRIM
   ☐OTHER

OPTIONS

5. ☐FREEZER DOOR
   HEATER WIRE RUN AROUND PERIMETER OF DOOR LEAF ON WALLSIDE
6. ☐INSIDE CASINGS
7. ☐HOOD
   ☐MATCHED TO FACE OF DOOR
   ☐OTHER
8. ☐KICKPLATES
   ☐HINGESIDE ☐WALLSIDE
   HEIGHT: ☐18" ☐24" ☐36" ☐48" ☐OTHER
   ☐ALUMINUM DIAMOND PLATE
   ☐18 GA. STAINLESS STEEL
   ☐16 GA. GALV. STEEL
   ☐OTHER
9. ☐VISION PANEL
   ☐12" X 12" INSULATED
   ☐12" x 12" HEATED
   ☐OTHER
10. ☐LOCKING DEVICE
    ☐TRACKSIDE ☐WALLSIDE
    ☐WITH SAFETY RELEASE
    ☐WITH NO RELEASE

	DOOR NO.	QTY.	W.I.C.	H.I.C.	USE	SWING	FINISH COVERING	FINISH GAGE	HARDWARE FINISH	RETURN DEPTH

HERCULES
Renowned. resilient doors. By Kingspan

MANUAL VERTICAL LIFT DOOR

SCALE: NONE		DRAWN BY
DATE:		
For:		Job No.
		DRAWING NUMBER


HERCULES

HERCULES
Renowned, resilient doors. By Kingspan

Kingspan Insulated Panels
726 Summerhill Drive
Deland, FL 32724-2024

Phone (386) 626-6789

E-Mail: info.na@kingspanpanels.com

www.kingspanpanels.com