

# Master Site Survey



**DATE:** \_\_\_\_\_

## SITE DATA

COMPANY:	NAME:	ADDRESS:
COUNTRY:	CITY:	STATE/ PROVINCE:
CONTACT:	CONTACT'S EMAIL:	NUMBER OF POSITIONS / BAYS:

## REPORTER DATA

NAME:	EMAIL:	COMPANY:
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### DIRECTIONS

1. Please complete all questions applicable to the installation configuration. Failure to supply required information may result in a delay in your order processing. Survey information must reflect site conditions at the time of installation
2. For multiple positions / bays: If site conditions are not identical for each position / bay, please fill out a separate site survey form.
3. To ensure accurate order processing, please use decimals instead of fractions when supplying dimensions and other measurements (for example 1/2" should be .50")
4. Use either imperial (e.g. lb, in) or metric (e.g. kg, mm) units of measurement consistently throughout the document.

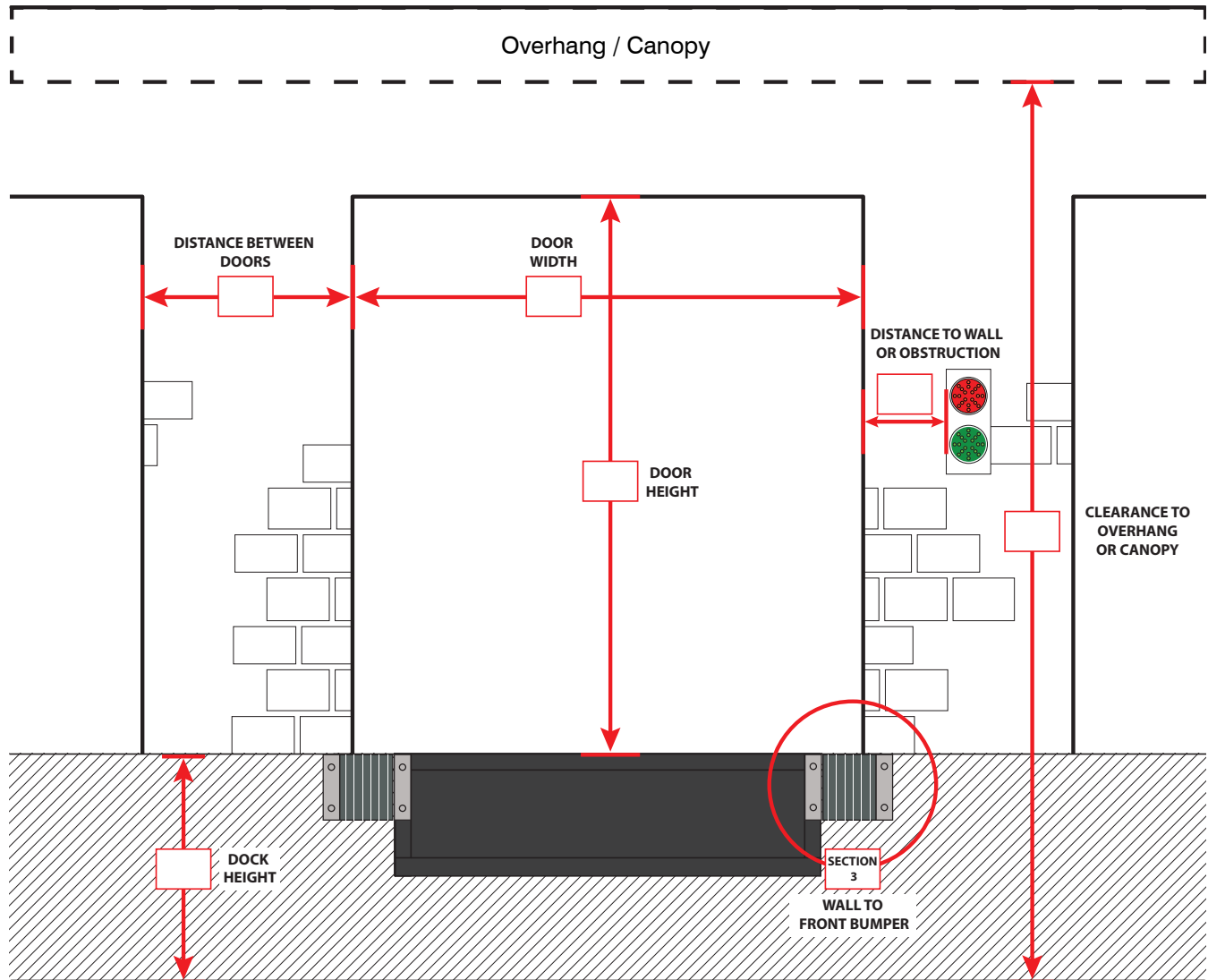
## NOTES

[illegible]

# 1. Dock Seals and Shelters



## Dock Seal and Shelter Site Conditions - Project Photo Required



### BUILDING WALL TYPE

☐ MASONRY ☐ METAL ☐ CONCRETE DESCRIBE:

### MOUNTING SURFACE CONDITION

☐ MASONRY ☐ METAL ☐ CONCRETE DESCRIBE:

### MOUNTING SURFACE CONDITION

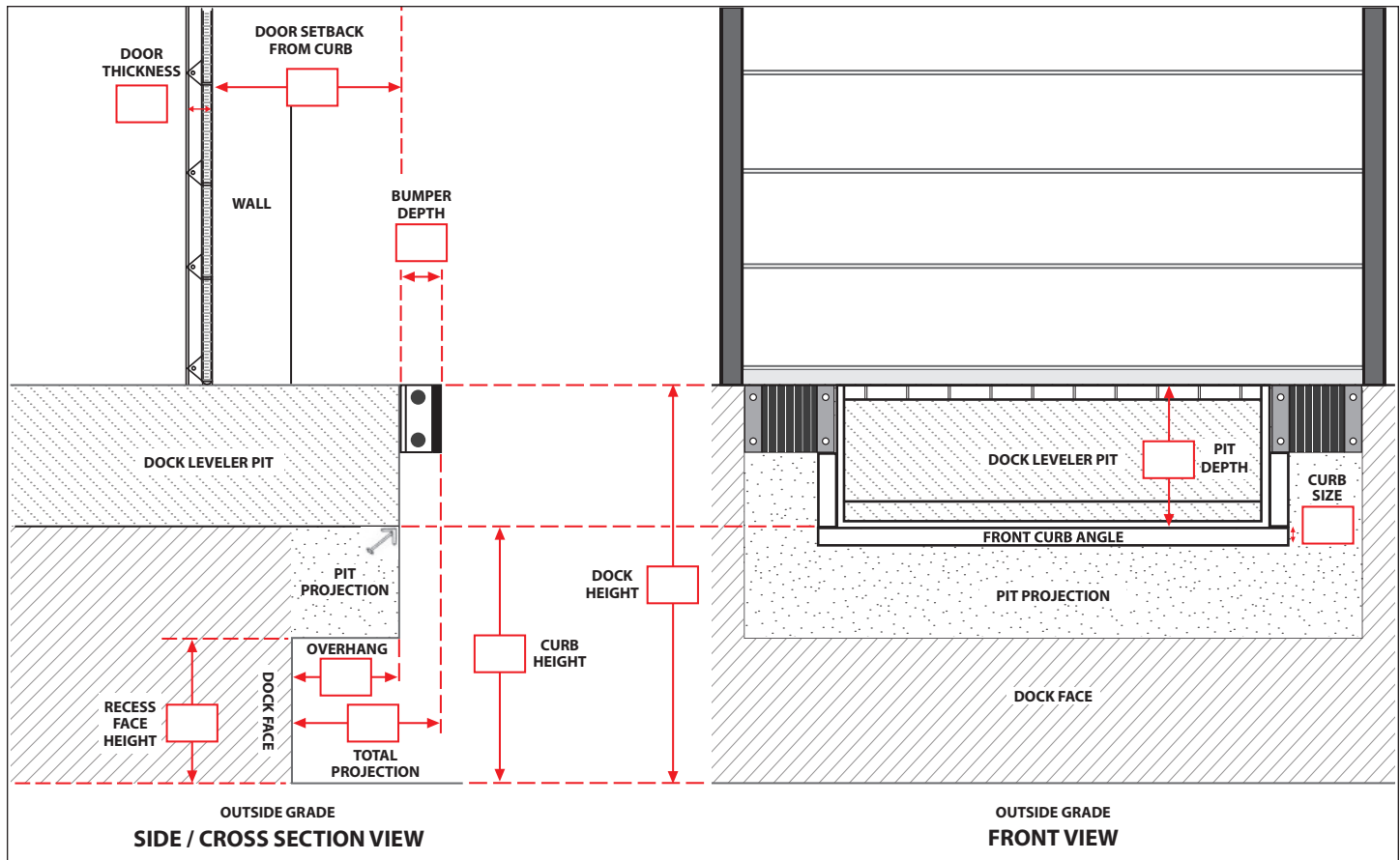
☐ EVEN ☐ UNEVEN DESCRIBE:

### NOTES

For more information on "Wall to Front Bumper" measurement, see Section 3 "Bumper and Grade"

## 2. Loading Dock Details

**Pit Style** - Required dimensions are outlined in **RED** in the diagram below. Please fill in completely.



### PIT DIMENSIONS

STANDARD PIT DEPTH	Front (H) 20" (508 mm)	
	Rear (H1) 19.5" (495 mm)	
PIT TO DECK WIDTH	$W(\text{pit}) = W(\text{deck}) + 2" (51 \text{ mm})$	
PIT TO DECK LENGTH	$L(\text{pit}) = L(\text{deck})$	
H	H1	W
L	S1	S2

### PIT SQUARE WITHIN .25"

☐ YES ☐ NO

### CONCRETE CONDITION

☐ GOOD ☐ POOR

### CURB ANGLE CONDITION

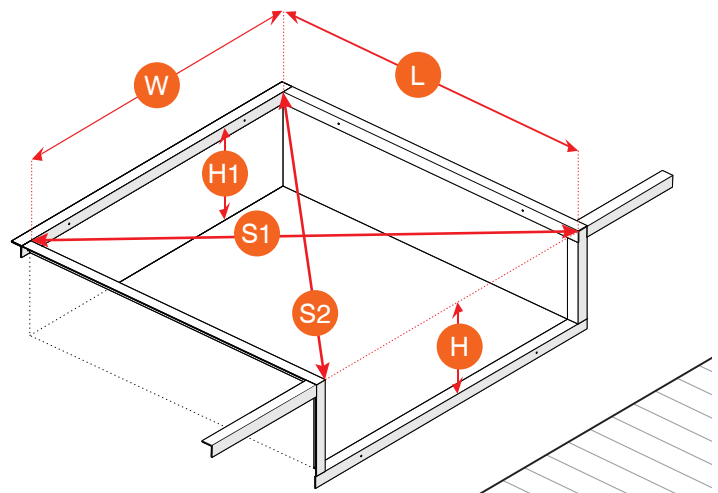
☐ GOOD ☐ POOR

### CURB ANGLE CONFIGURATION (PIECES)

☐ FOUR ☐ SIX ☐ EIGHT

### DOCK FACE / RESTRAINT MOUNTING SURFACE

DESCRIBE (E.G. CONCRETE\*, BRICK, ETC.)

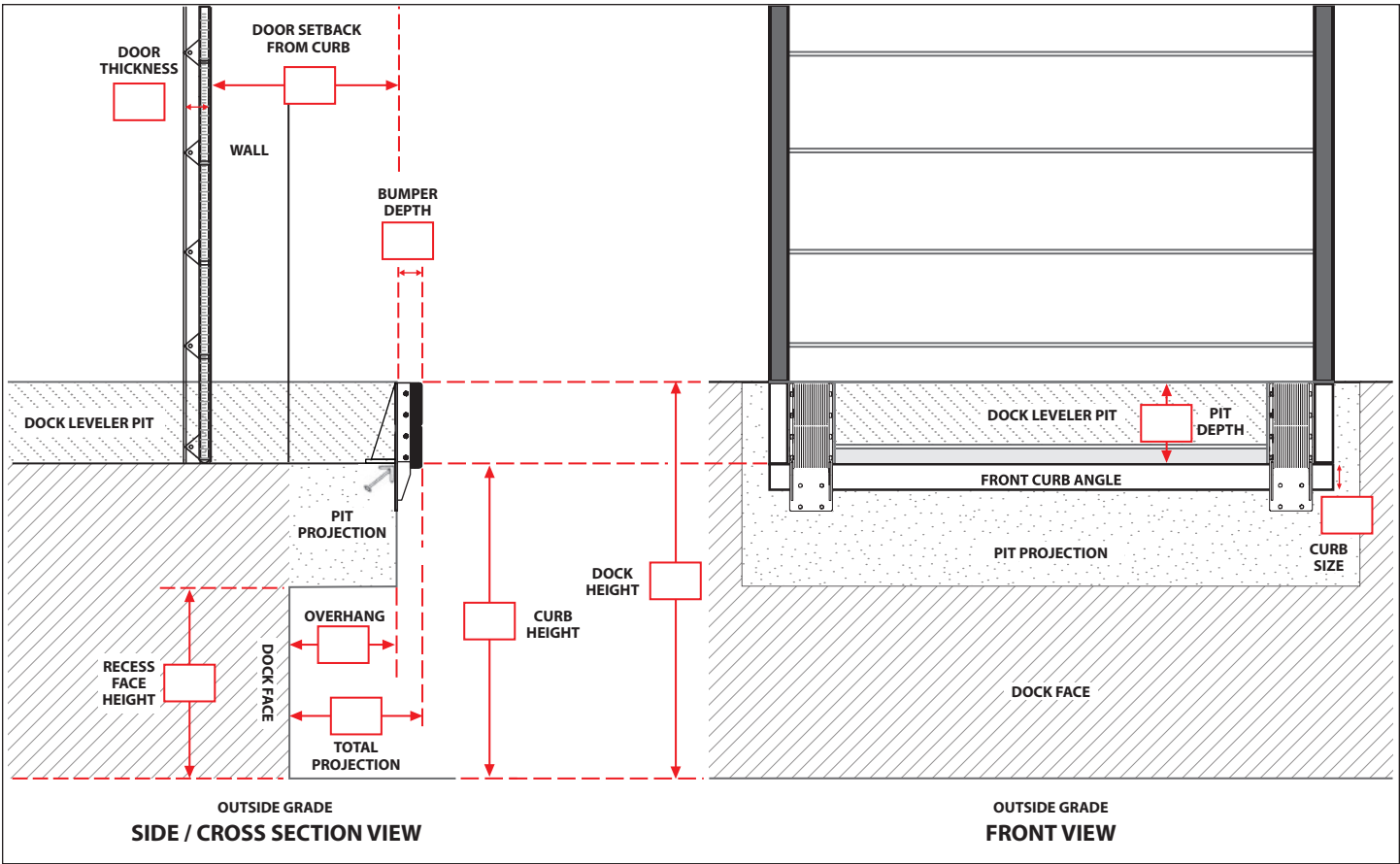


\*Concrete must be minimum 8" (203 mm) thick.

## 2. Loading Dock Details



**Vertical Storing Dock Leveler** - Required dimensions are outlined in RED in the diagram below. Please fill in completely.



### PIT DIMENSIONS

STANDARD PIT DEPTH	Front (H) 12.5" (318 mm)		
	Rear (H1) 12" (305 mm)		
PIT TO DECK WIDTH	$W\text{ (pit)} = W\text{ (deck)} + 2\text{' (51 mm)}$		
PIT TO DECK LENGTH	$L\text{ (pit)} = L\text{ (deck)}$		
H	H1	W	L

### BACKFRAME CENTERED TO DOOR

☐ YES ☐ NO

### BACKFRAME EMBED CONDITION

☐ GOOD ☐ POOR

### CONCRETE CONDITION

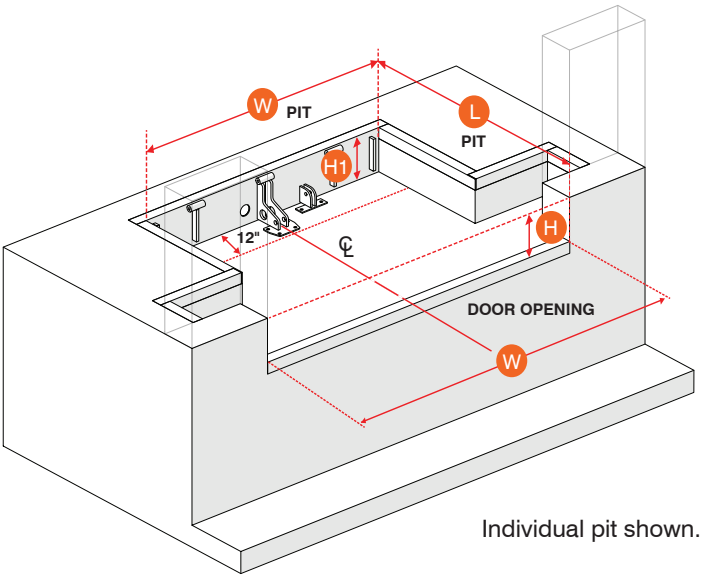
☐ GOOD ☐ POOR

### PIT STYLE

☐ INDIVIDUAL ☐ CONTINUOUS (MULTIPLE)

### DOCK FACE / RESTRAINT MOUNTING SURFACE

DESCRIBE (E.G. CONCRETE\*, BRICK, ETC.)



Individual pit shown.

\*Concrete must be minimum 8" (203 mm) thick.

### 3. Grade and Bumper

#### Grade

##### DRIVE APPROACH MATERIAL

☐ ASPHALT    ☐ CONCRETE    ☐ OTHER (DESCRIBE): \_\_\_\_\_

##### IS THE GRADE OF THE DRIVEWAY

☐ LEVEL    ☐ INCLINE    ☐ DECLINE (SHOWN BELOW)

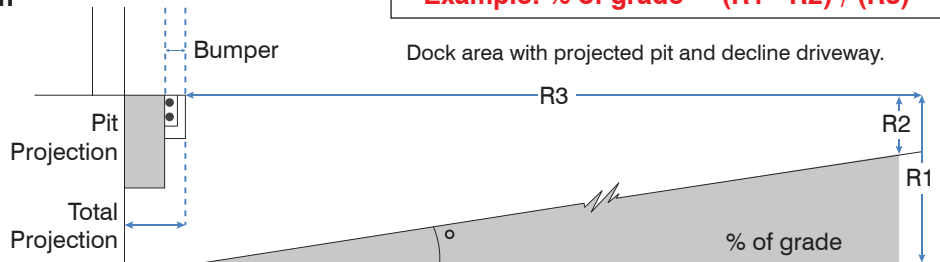
##### GRADE CALCULATION

DOCK HEIGHT (R1)	RISE (R2)	RUN (R3)	% GRADE
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##### Sloped Driveway Grade Calculation

**Rise** is the elevation difference between the parked dock and the driveway surface where the rise is measured.

**Run** is the actual distance on the driveway where the rise is measured (i.e. 50 ft. to match the average 'over the road' trailer length).



To determine these totals on site, use a 50 ft. string line. Restrict general access to the dock leveler and loading dock area. While observing all appropriate safety precautions, secure the string line to the dock leveler floor or the top of the lip spool when the dock leveler is in the cross-traffic position. Walk out a distance of 50 ft. and measure the vertical drop to grade. Use level for accurate height level.

#### Bumper

##### BUMPER TYPE

☐ MOLDED    ☐ LAMINATED    ☐ STEEL - FACED  
☐ SINGLE FLANGE    ☐ DUAL FLANGE    ☐ NO FLANGE

##### MEASUREMENTS

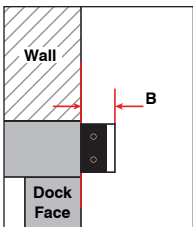
DISTANCE BETWEEN BUMPER FACES	BUMPER SIZE (W" x H" x D")
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##### CENTER HORIZONTAL BUMPER

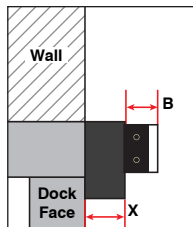
☐ YES    ☐ NO

##### Wall to Front of Bumper - Common Conditions

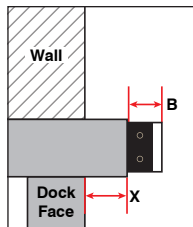
Flush is the optimal condition where **X** (Wall) = 0 and **B** (Bumper) is the size of the bumper.



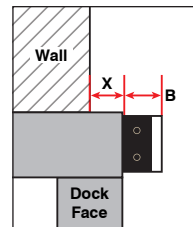
☐ **Flush**  
**B**= \_\_\_\_\_  
**X**= **0**



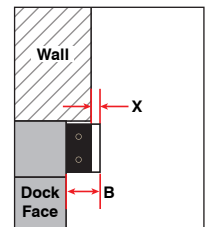
☐ **Edge-of-Dock**  
**B**= \_\_\_\_\_  
**X**= \_\_\_\_\_



☐ **Cantilever**  
**B**= \_\_\_\_\_  
**X**= \_\_\_\_\_



☐ **Wall Setback**  
**B**= \_\_\_\_\_  
**X**= \_\_\_\_\_



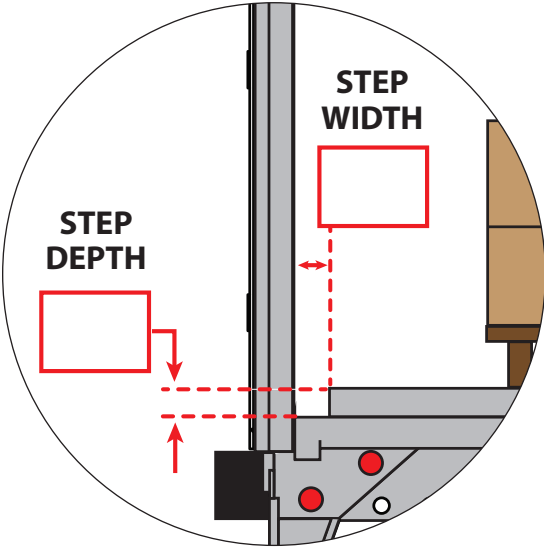
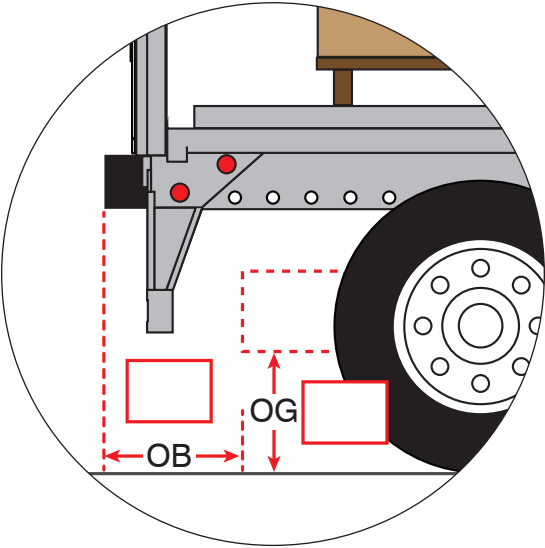
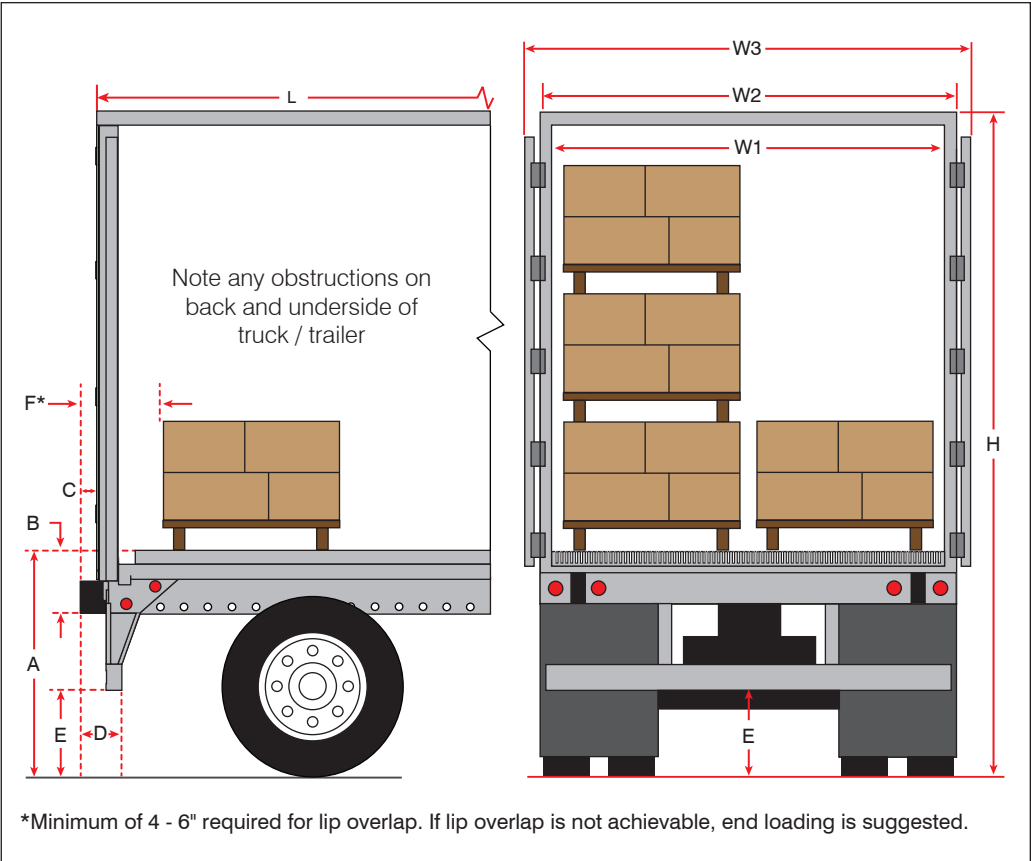
☐ **Wall Overhang**  
**B**= \_\_\_\_\_  
**X**= \_\_\_\_\_

4. Truck and Trailer



Truck and Trailer Application Details

DIMS	TRUCK 1	TRUCK 2	TRUCK 3
H			
W1			
W2			
W3			
L			
A			
B			
C			
D			
E			
F*			
ICC			



OBSTRUCTION

DESCRIBE:

TRUCK WITH REAR STEPS

☐ YES

☐ NO

## 4. Truck and Trailer



### Truck and Trailer Types

TRUCK TYPE	BED HEIGHT "A"		TOTAL HEIGHT "H"	
	in.	mm	in.	m
<input type="checkbox"/> STRAIGHT SEMI	48 - 52	1219 - 1321	144 - 162	3.6 - 4.1
<input type="checkbox"/> LOW BOY	19 - 25	483 - 635	144 - 162	3.6 - 4.1
<input type="checkbox"/> OVERSEAS CONTAINER	55 - 62	1397 - 1575	146 - 162	3.7 - 4.1
<input type="checkbox"/> CITY DELIVERY TRUCK	45 - 48	1143 - 1219	132 - 150	3.4 - 3.8
<input type="checkbox"/> REFRIGERATED TRUCK	50 - 60	1270 - 1524	150 - 162	3.8 - 4.1
<input type="checkbox"/> HIGH CUBE	36 - 42	914 - 1067	156 - 162	4 - 4.1
<input type="checkbox"/> FLATBED	48 - 60	1219 - 1524		
<input type="checkbox"/> STEP VAN	20 - 30	635 - 762	102 - 120	2.6 - 3
<input type="checkbox"/> STRAIGHT TRUCK	36 - 48	914 - 1219	126 - 144	3.2 - 3.7
<input type="checkbox"/> PANEL TRUCK	20 - 24	508 - 610	96 - 108	2.4 - 2.7
<input type="checkbox"/> OTHER				

#### YARD JOCKEYS USED

☐ YES ☐ NO

#### FULL HEIGHT ACCESS REQUIRED

☐ YES ☐ NO

#### FULL WIDTH ACCESS REQUIRED

☐ YES ☐ NO

#### REFRIGERATED TRUCKS USED

☐ YES ☐ NO

#### TRUCK WITH LIFT GATE USED

☐ YES ☐ NO

#### TRUCK / TRAILER DOOR TYPE

☐ HINGED ☐ ROLL-UP ☐ OTHER

#### Load Orientation

##### STACK HEIGHT

☐ SINGLE ☐ DOUBLE ☐ TRIPLE

##### STACK WIDTH

☐ SINGLE ☐ DOUBLE

## 5. Dock Area Considerations



### Material Handling Equipment

#### GENERAL INFORMATION

CARGO / LOAD TRANSPORTED

#### END LOADING

☐ YES

☐ NO

#### WEIGHT (LB)

MAX. TOTAL AMOUNT OF GROSS LOAD\*

WEIGHT OF FORKLIFT

MAX. LOAD

\* GROSS LOAD = WEIGHT OF FORKLIFT + MAX. LOAD

### Suitable Material Handling Equipment Based on Grade Percentage (General Guideline)

#### SELECT ALL THAT ARE BEING USED ON SITE

☐ MANUAL PALLET TRUCK: 3%

☐ ELECTRIC PALLET TRUCK: 7%

☐ ELECTRIC FORKLIFT: 10%

☐ GASOLINE FORK TRUCK: 15%

#### GENERAL INFORMATION

3 OR 4 WHEEL TRUCKS

SOLID OR PNEUMATIC TIRES

FRONT AXLE WIDTH

### Dock Design Conditions

#### ENCLOSED WITH OVERHEAD DOORS ABOVE

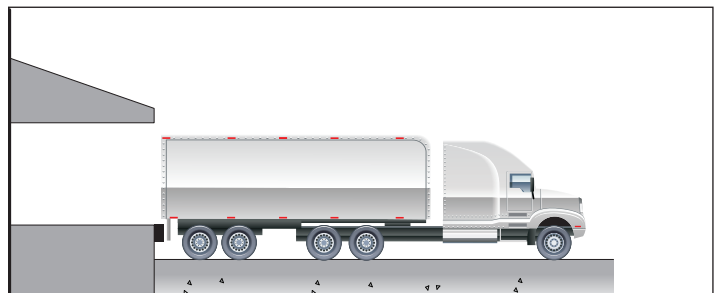
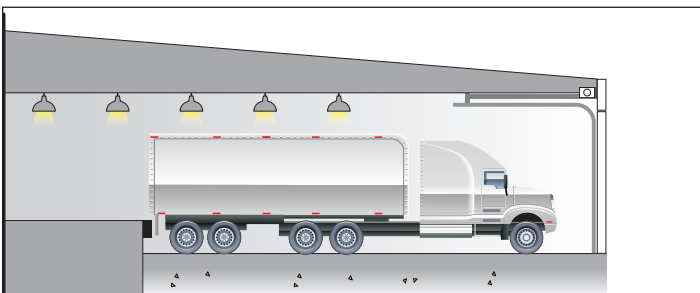
☐ YES

☐ NO

#### OPEN PLATFORM

☐ YES

☐ NO



#### TRAFFIC VOLUME (TRUCKS PER SHIFT)

☐ LIGHT (1 - 3)

☐ MODERATE (4 - 8)

☐ HEAVY (8+)

#### NUMBER OF SHIFTS PER DAY

☐ ONE

☐ TWO

☐ THREE

#### DAILY USAGE

FULL TRUCK LOADS\*

☐ 0 - 8

☐ 9 - 16

☐ 17 - 24

☐ >24

LOAD CYCLES

☐ 0 - 200

☐ 201 - 400

☐ 401 - 600

☐ >600

\* FULL TRUCK LOADS = TRAFFIC VOLUME x NUMBER OF SHIFTS PER DAY



## 6. General Site Information



### Positions

POSITION / BAY NUMBER - PROVIDE PHOTOS OF PRE-EXISTING EQUIPMENT

### Dock Leveler

MANUFACTURER	MODEL
DECK DIMENSIONS	CAPACITY
SERIAL NUMBER	LIP LENGTH
<b>LIP INTERNAL OR EXTERNAL TO PIT</b>	<b>LIP BARRIER EQUIPPED</b>
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

### Vehicle Restraint

MANUFACTURER	MODEL
SERIAL NUMBER	
<b>IS PIT FLOOR CONCRETE (OR DOCK FLOOR IF NO PIT)</b>	<b>IS PIT FLOOR BRACKET IN PLACE (HVR303 ONLY)</b>
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

### Controls

MANUFACTURER	MODEL
COMBO OR STANDALONE	VOLTAGE

### Seal and Shelter

#### SEAL / SHELTER TYPE

☐ COMPRESSION SEAL ☐ SHELTER ☐ INFLATABLE

MANUFACTURER		MODEL	
DESCRIPTION		HEAD MEMBER WIDTH	
OVERALL HEIGHT	OVERALL WIDTH	BOTTOM PROJECTION	TOP PROJECTION
SIDE FACE WIDTH	SIDE FACE BACK	TOP FACE HEIGHT	SIDE MEMBER HEIGHT