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:

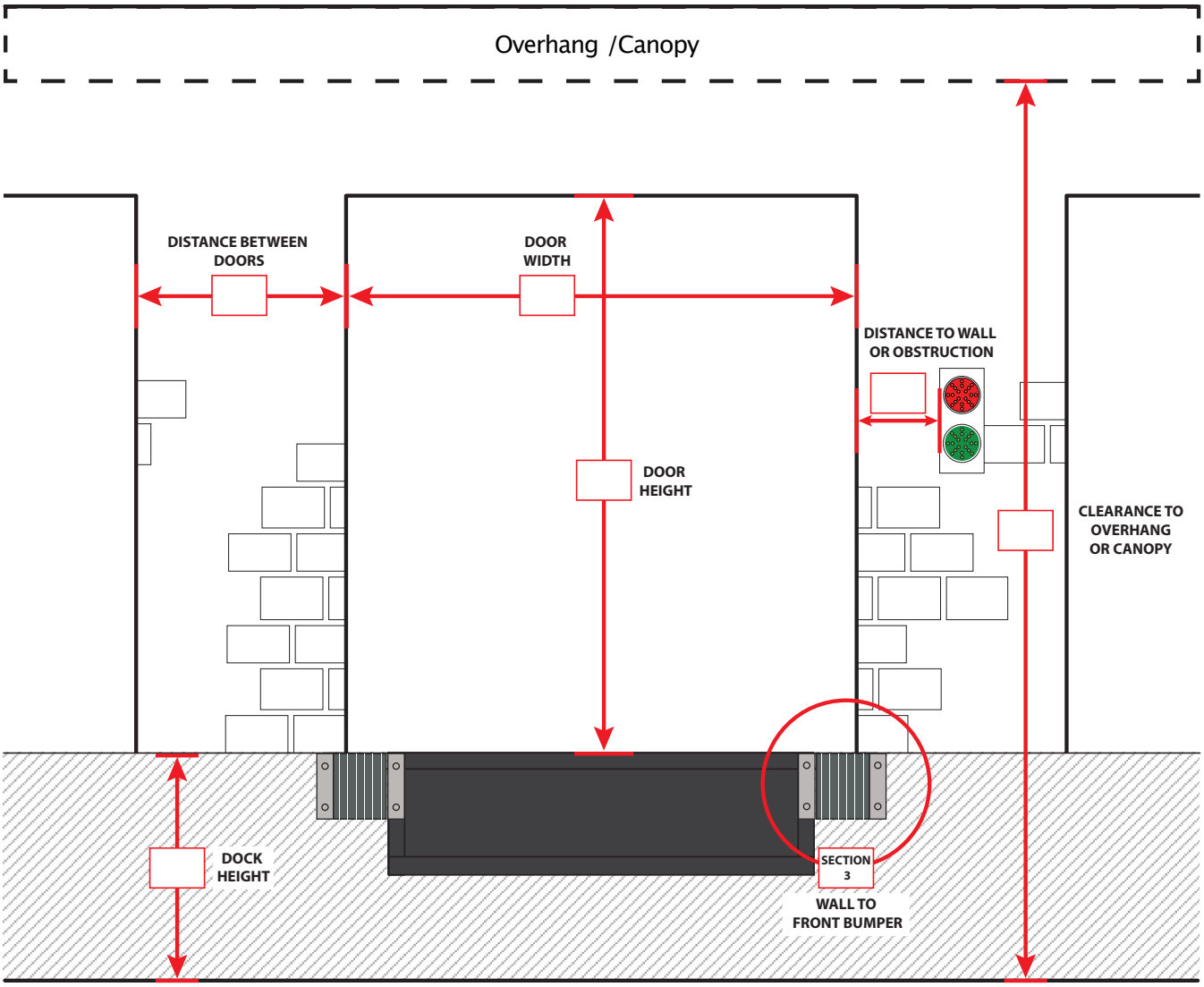
DIRECTIONS

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

1. Dock Seals and Shelters

Dock Seal and Shelter Site Conditions –Project Photo Required



BUILDING WALL TYPE

☐ MASONRY ☐ METAL ☐ CONCRETE DESCRIBE:

MOUNTING SURFACE

☐ MASONRY ☐ METAL ☐ CONCRETE DESCRIBE:

MOUNTING SURFACE CONDITION

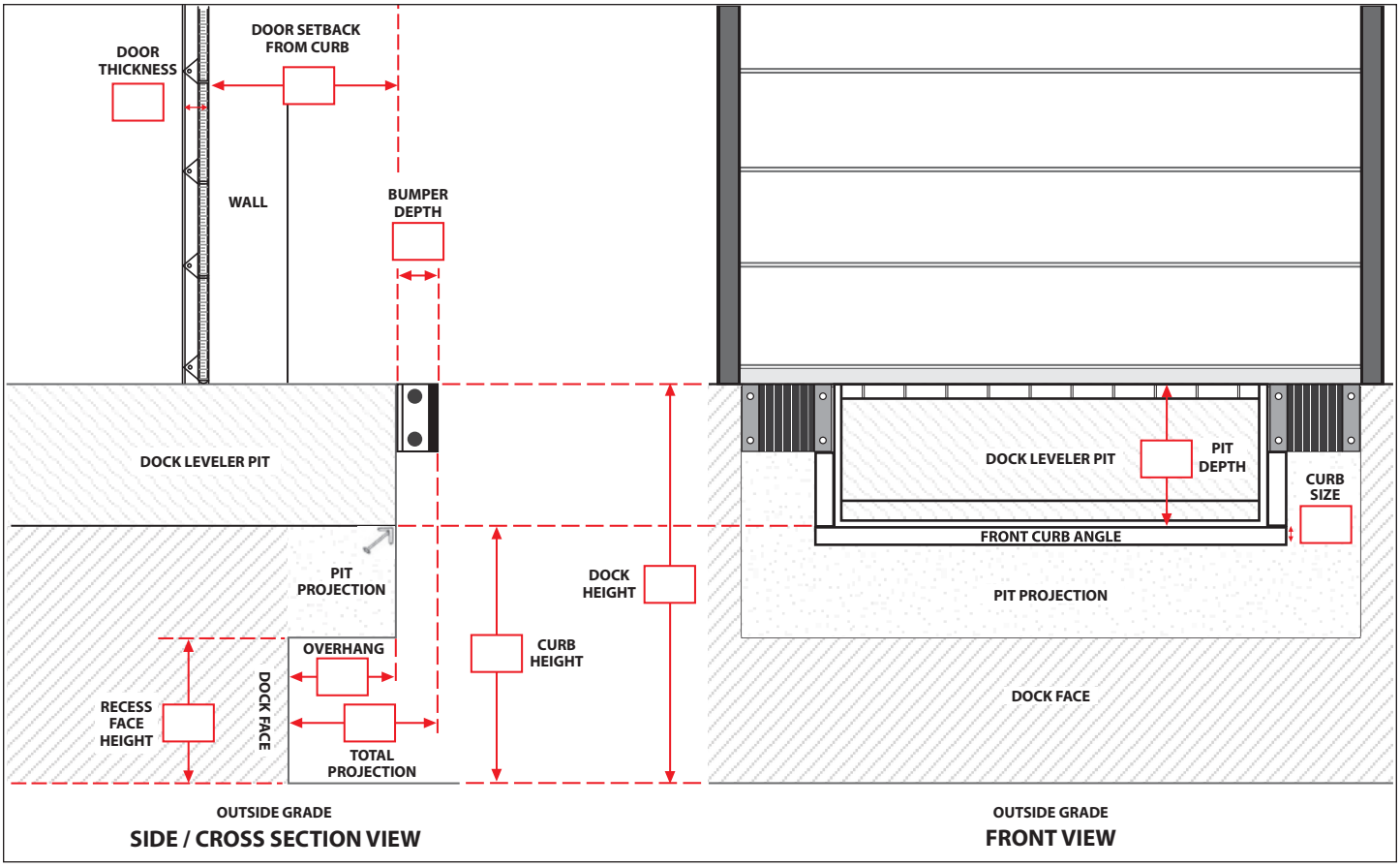
☐ EVEN ☐ UNEVEN DESCRIBE:

NOTES

For more informationon “Wall to Front Bumper” measurement, see Section 3 “Grade and Bumper”

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 (pit) = W (deck) + 2" (51 mm)	
PIT TO DECK LENGTH	L (pit) = L (deck)	
H	H1	W
L	S1	S2

PIT SQUARE WITHIN .25" (6 mm)

☐ YES ☐ NO

CONCRETE CONDITION

☐ GOOD ☐ FAIR ☐ POOR

CURB ANGLE CONDITION

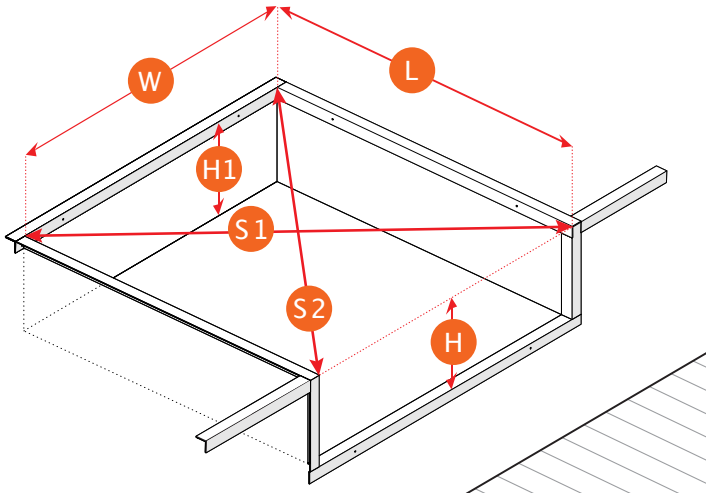
☐ GOOD ☐ FAIR ☐ POOR

CURB ANGLE CONFIGURATION(PIECES)

☐ FOUR ☐ SIX ☐ EIGHT

DOCK FACE /RESTRAINT MOUNTING SURFACE

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

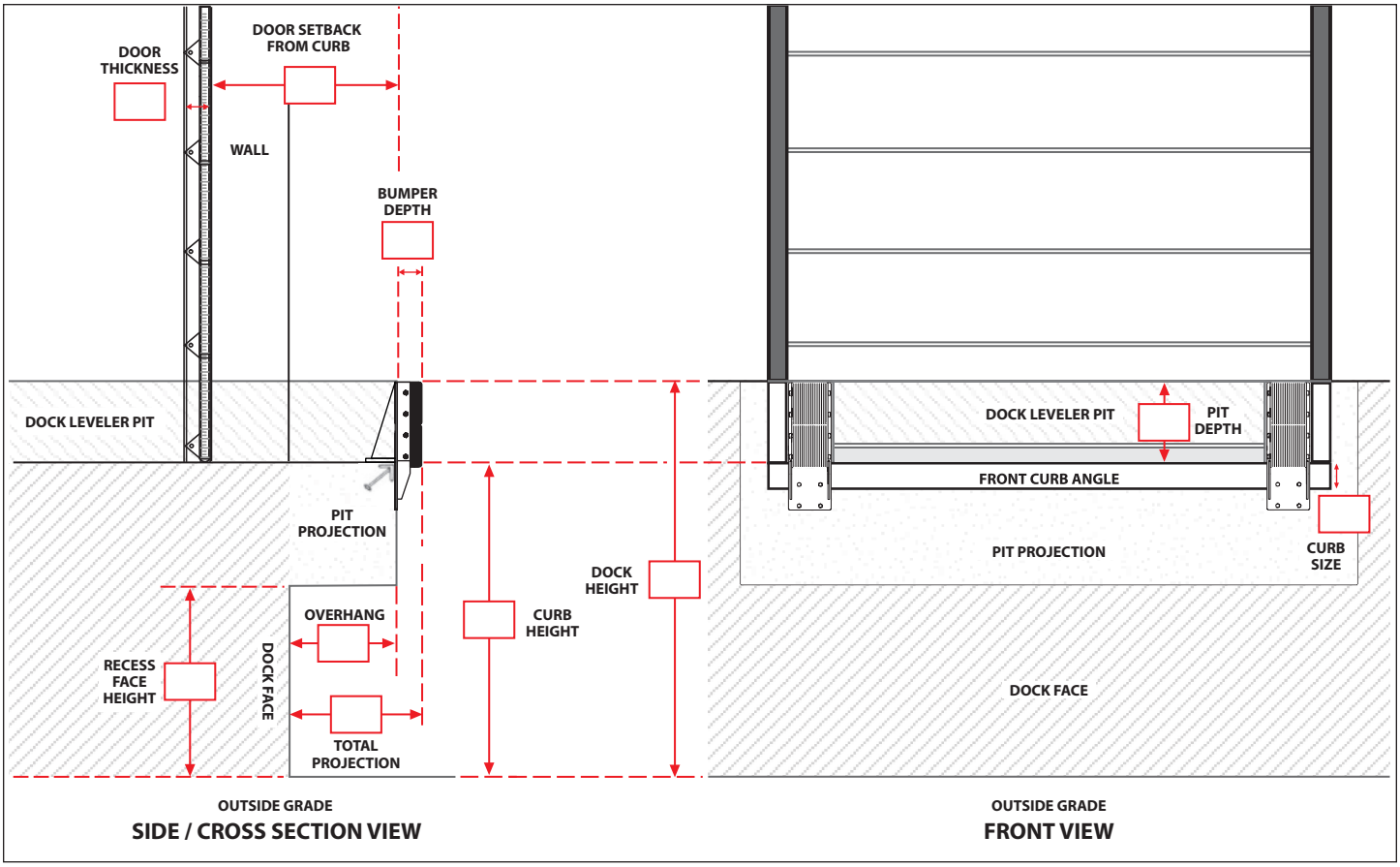


*Concrete must be minimum 8" (203 mm) thick.

2. Loading Dock Details

BLUE GIANT®

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 (pit) = W (deck) + 2" (51 mm)		
PIT TO DECK LENGTH	L (pit) = L (deck)		
H	H1	W	L

BACK FRAME CENTERED TO DOOR

☐ YES ☐ NO

BACK FRAME EMBED CONDITION

☐ GOOD ☐ FAIR ☐ POOR

CONCRETE CONDITION

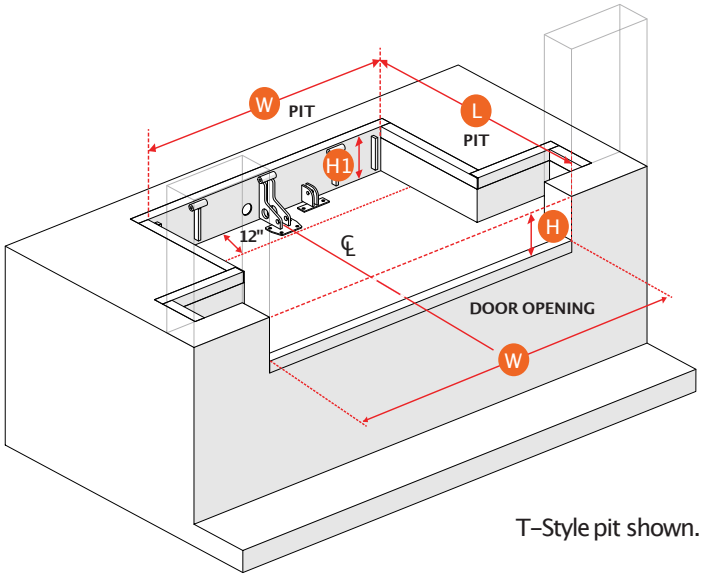
☐ GOOD ☐ FAIR ☐ POOR

PIT STYLE

☐ T–STYLE ☐ CONTINUOUS

DOCK FACE /RESTRAINT MOUNTING SURFACE

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



T–Style 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

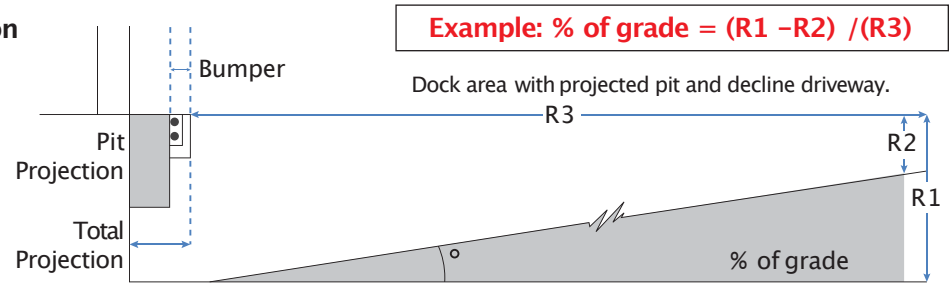
DOCK HEIGHT (**R1**)	RISE (**R2**)	RUN (**R3**)	% GRADE

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).

Example: % of grade = (R1 –R2) /(R3)



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

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

MEASUREMENTS

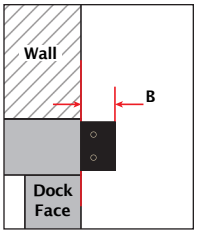
DISTANCE BETWEEN BUMPER FACES	BUMPER SIZE (D" x H" x W")

CENTER HORIZONTAL BUMPER (STEP VAN PROTECTION)

☐ NO ☐ YES (SPECIFY):

Wall to Front of Bumper –Common Conditions

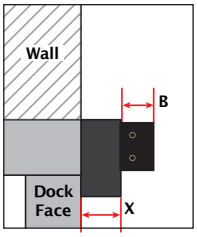
Flush is the optimal condition where **X** (Wall) = 0 and **B** (Bumper) is the size of the bumper.



☐ **Flush**

B = _____

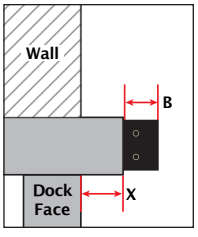
X = 0



☐ **Edge-of-Dock**

B = _____

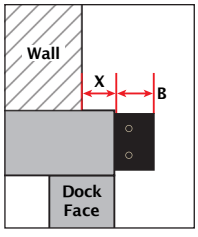
X = _____



☐ **Cantilever**

B = _____

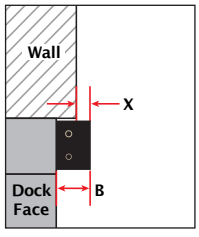
X = _____



☐ **Wall Setback**

B = _____

X = _____



☐ **Wall Overhang**

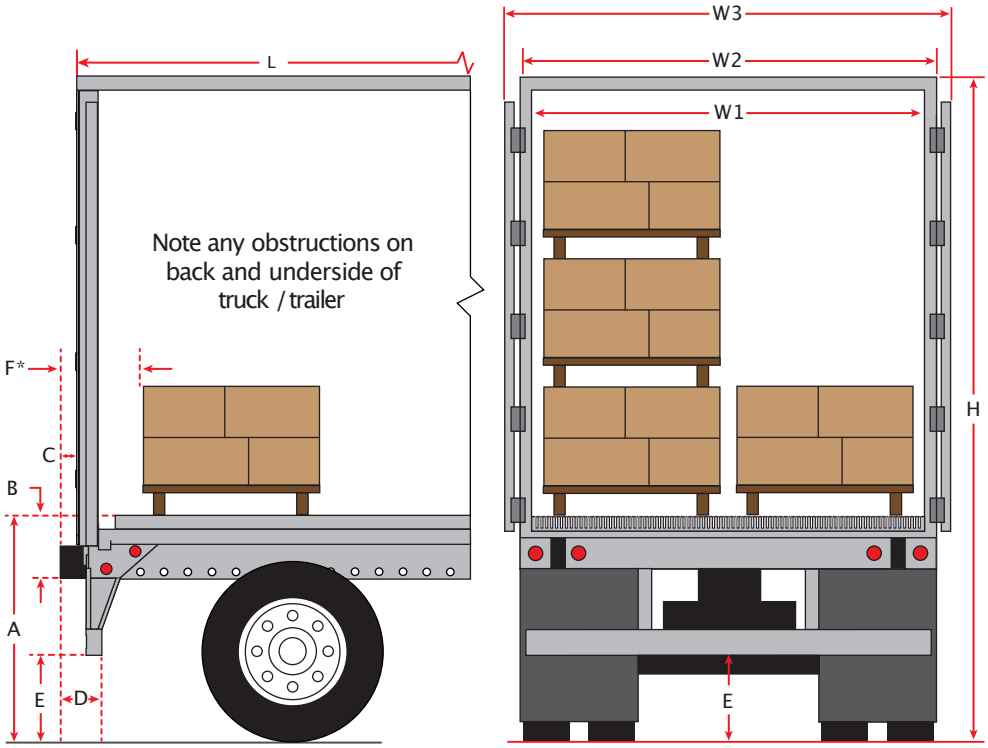
B = _____

X = _____

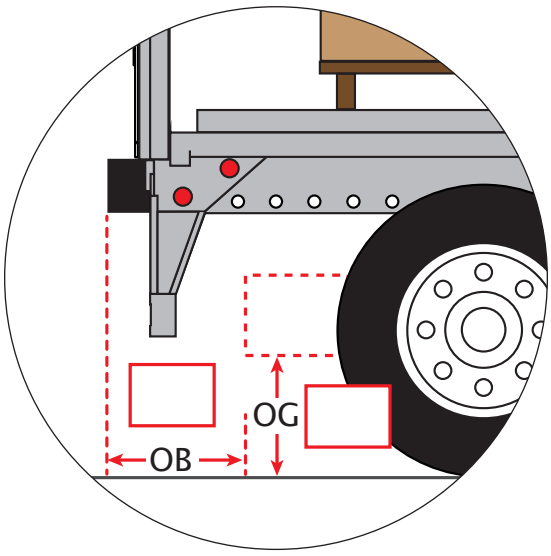
4. Truck and Trailer

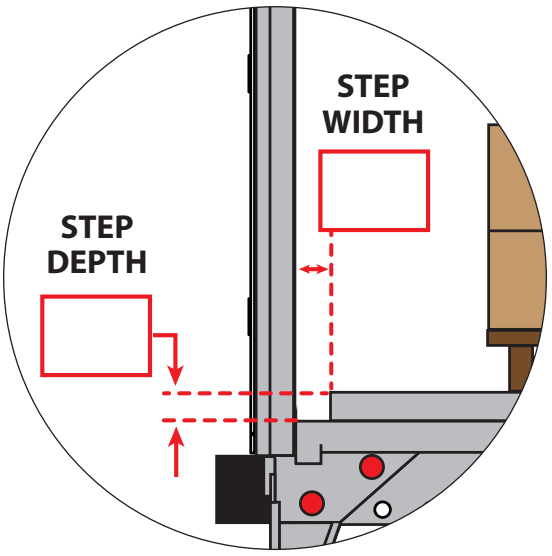
Truck and Trailer Application Details

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



*Minimum of 4 –6" required for lip overlap. If lip overlap is not achievable, end loading is suggested.





OBSTRUCTION

DESCRIBE:

TRUCK WITH REAR STEPS

☐ YES ☐ NO

OB = Obstruction to Bumper OG = Obstruction to Ground

4. Truck and Trailer

Truck and Trailer Types

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

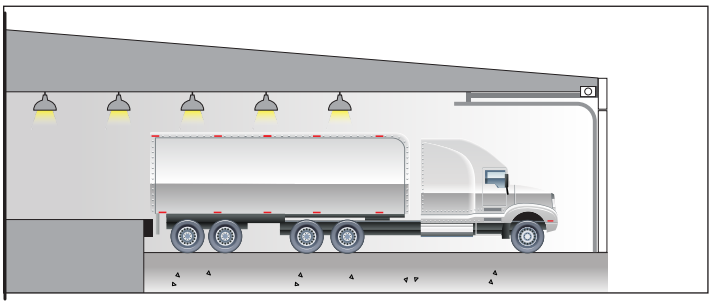
Dock Design Conditions

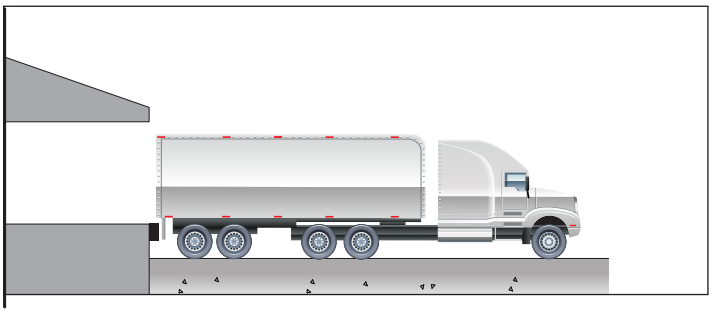
ENCLOSED WITH OVERHEAD DOORS ABOVE

☐ 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
LIP INTERNAL OR EXTERNAL TO PIT	**LIP BARRIER EQUIPPED**
☐ YES ☐ NO	☐ YES ☐ NO

Vehicle Restraint

MANUFACTURER	MODEL
SERIAL NUMBER	
IS PIT FLOOR CONCRETE (OR DOCK FLOOR IF NO PIT)	**IS PIT FLOOR BRACKET IN PLACE (HVR303 ONLY)**
☐ YES ☐ NO	☐ YES ☐ 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

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