

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

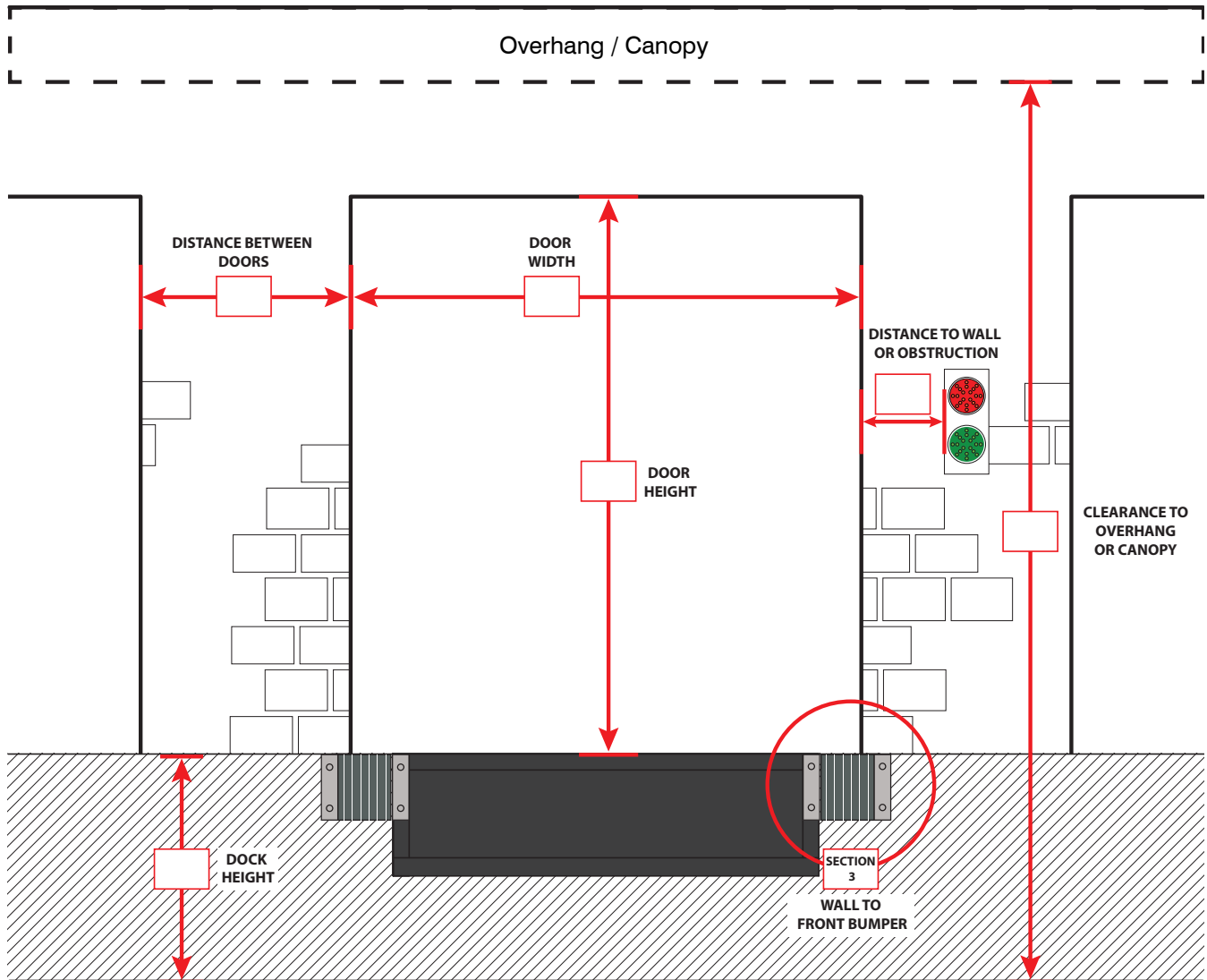
1. Please complete all questions applicable to the installation configuration. Failure to supply required information may result in a delay in your order processing. Survey information must reflect site conditions at the time of installation.
2. For multiple positions / bays: If site conditions are not 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

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

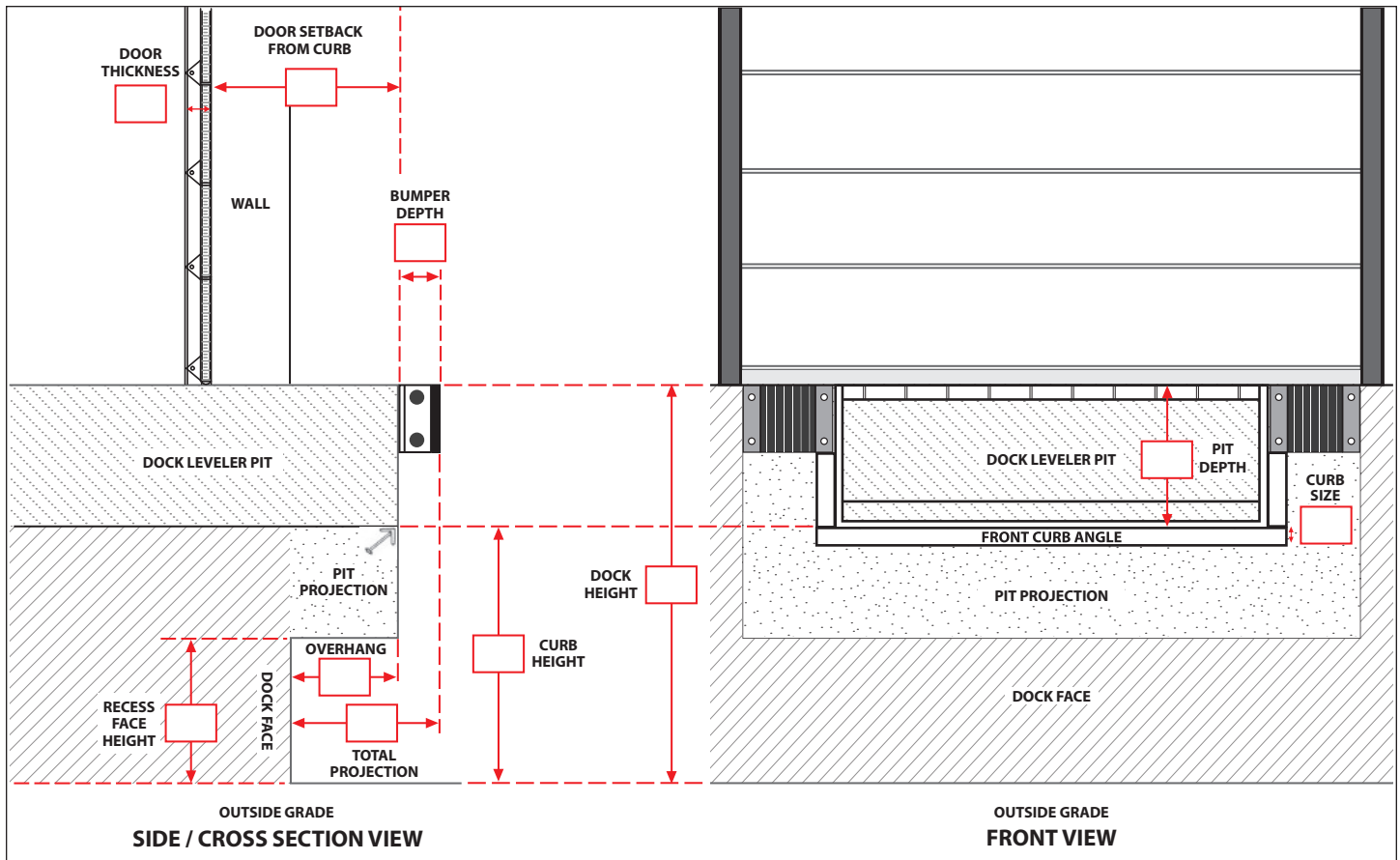
EVEN UNEVEN DESCRIBE: _____

NOTES

For more information on “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	$W \text{ (pit)} = W \text{ (deck)} + 2" \text{ (51 mm)}$	
PIT TO DECK LENGTH	$L \text{ (pit)} = L \text{ (deck)}$	
H	H1	W
L	S1	S2

PIT SQUARE WITHIN .25" (6 mm)

YES NO

CONCRETE CONDITION

GOOD FAIR POOR

CURB ANGLE CONDITION

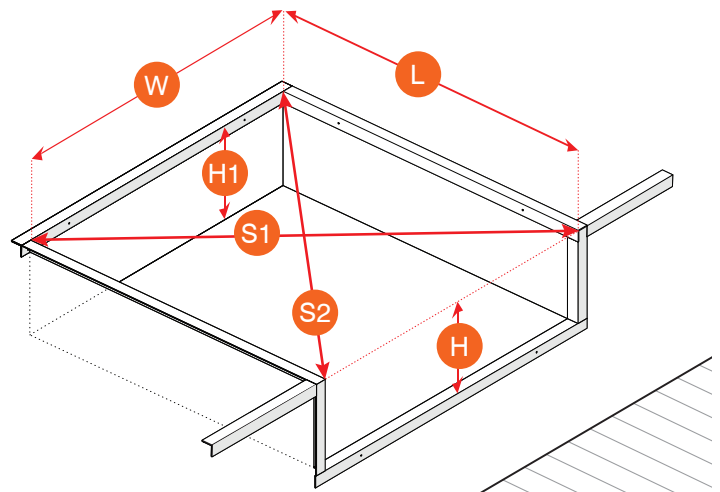
GOOD FAIR POOR

CURB ANGLE CONFIGURATION (PIECES)

FOUR SIX EIGHT

DOCK FACE / RESTRAINT MOUNTING SURFACE

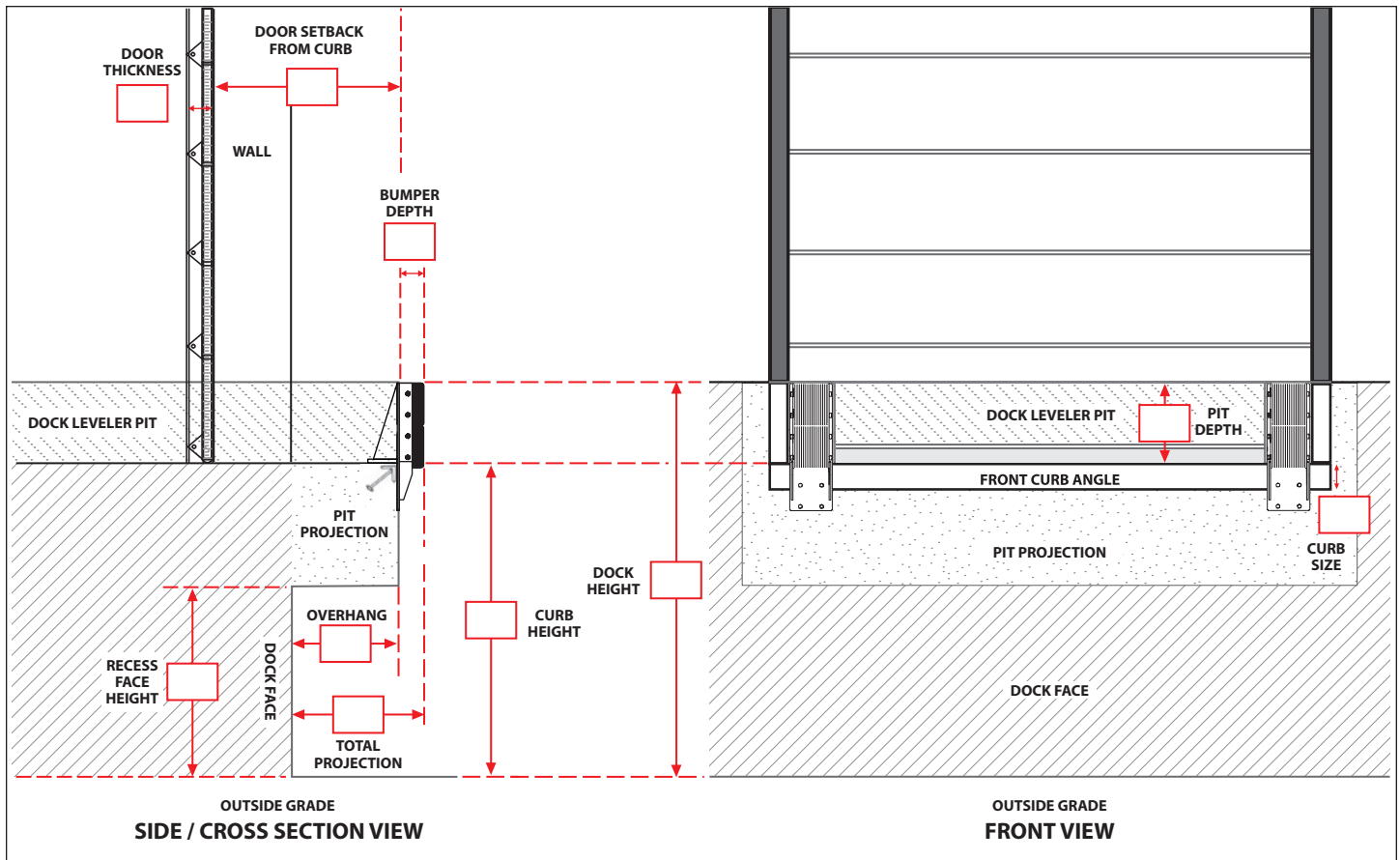
DESCRIBE (E.G. CONCRETE*, BRICK, ETC.)



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

2. Loading Dock Details

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

BACK FRAME CENTERED TO DOOR

YES NO

BACK FRAME EMBED CONDITION

GOOD FAIR POOR

CONCRETE CONDITION

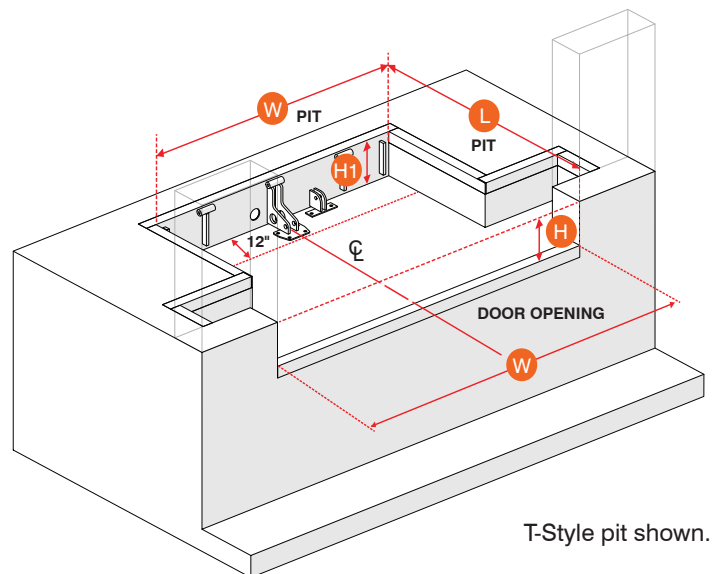
GOOD FAIR POOR

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)

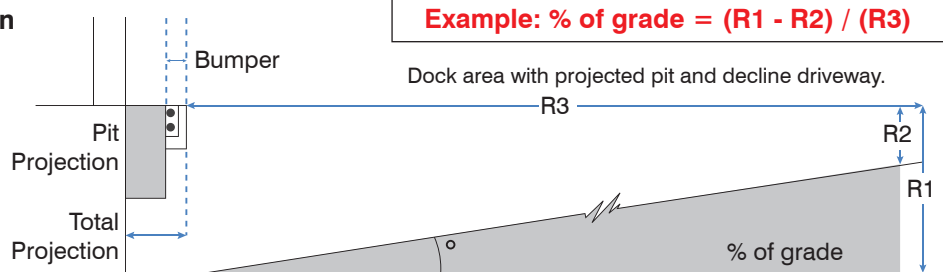
GRADE CALCULATION

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

NEW REPLACEMENT

STEEL-FACED LAMINATED MOLDED

DUAL FLANGE SINGLE FLANGE NO FLANGE

MEASUREMENTS

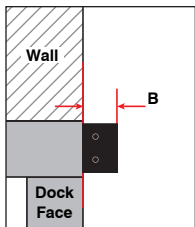
DISTANCE BETWEEN BUMPER FACES	BUMPER SIZE (D" x H" x W")
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CENTER HORIZONTAL BUMPER (STEP VAN PROTECTION)

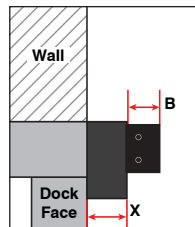
NO YES (SPECIFY): _____

Wall to Front of Bumper - Common Conditions

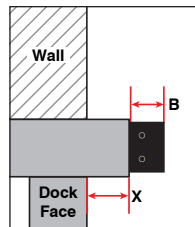
Flush is the optimal condition where **X** (Wall) = 0 and **B** (Bumper) is the size of the bumper.



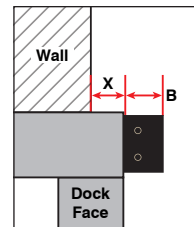
Flush
B= _____
X= **0**



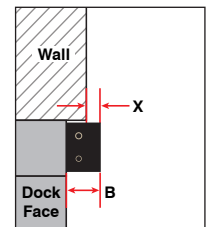
Edge-of-Dock
B= _____
X= _____



Cantilever
B= _____
X= _____



Wall Setback
B= _____
X= _____



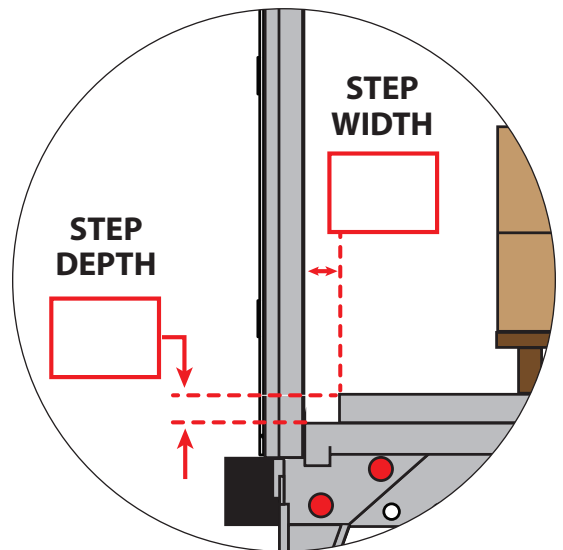
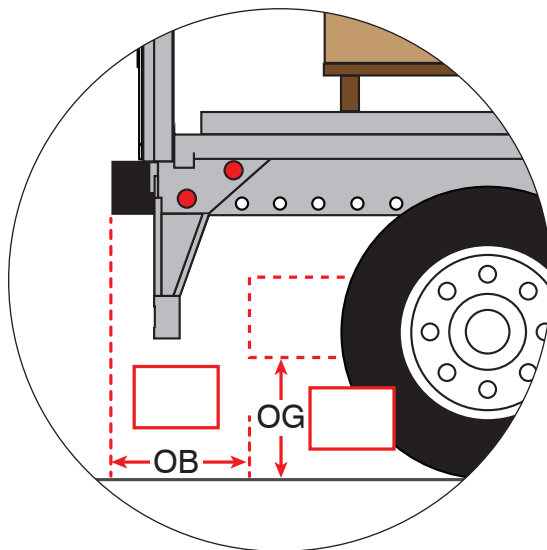
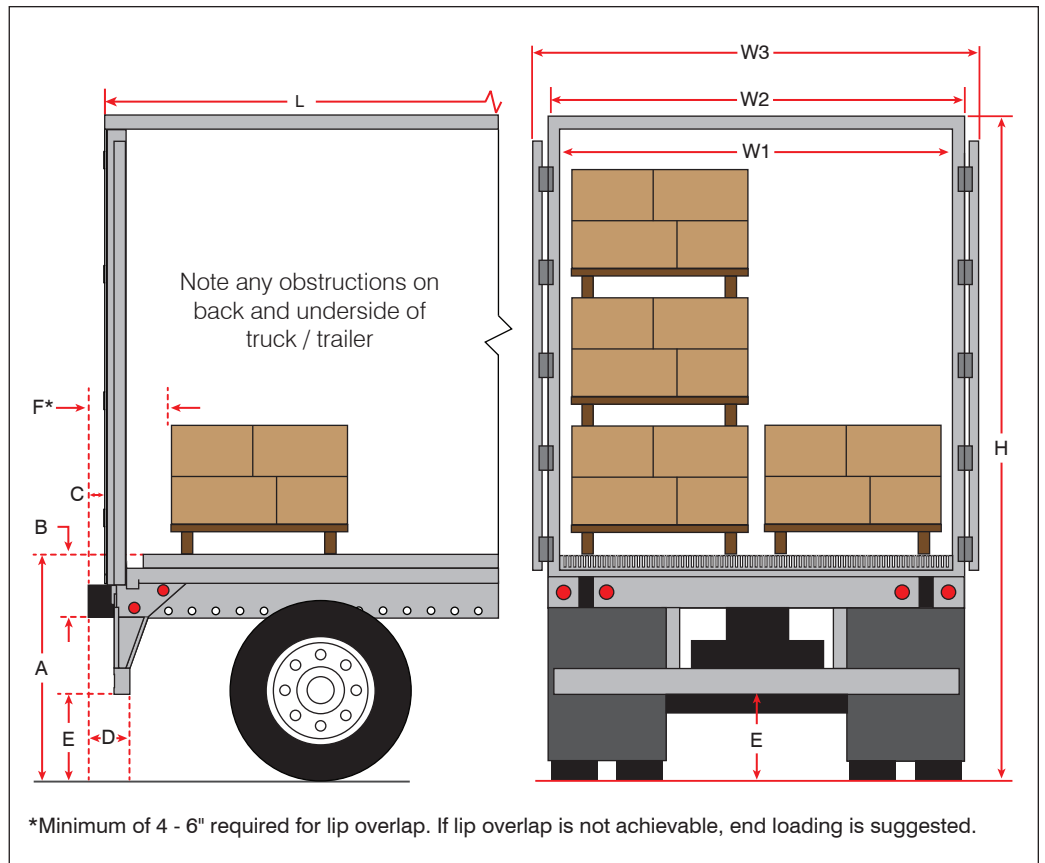
Wall Overhang
B= _____
X= _____

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			



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
<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

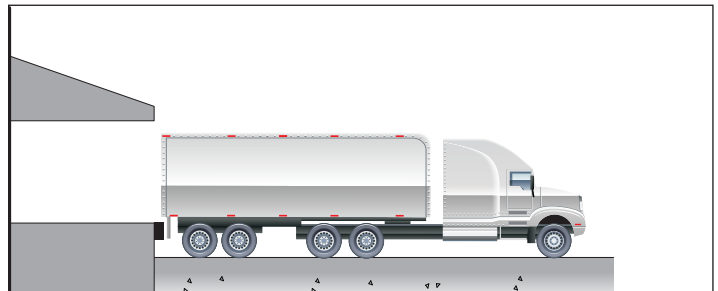
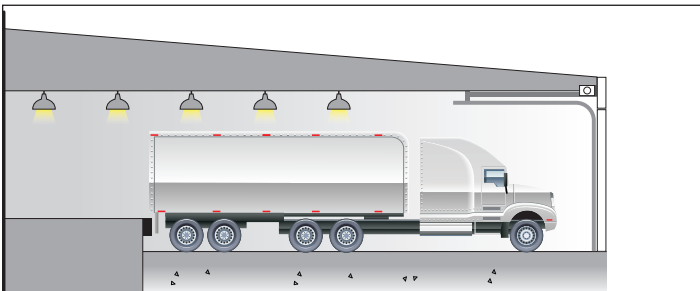
YES

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
LIP INTERNAL OR EXTERNAL TO PIT	LIP BARRIER EQUIPPED
<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> 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)
<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