Lesson Six – Delivery Site Warehouse Setup

SNS Learning Team
January 27, 2019

Learning Objectives

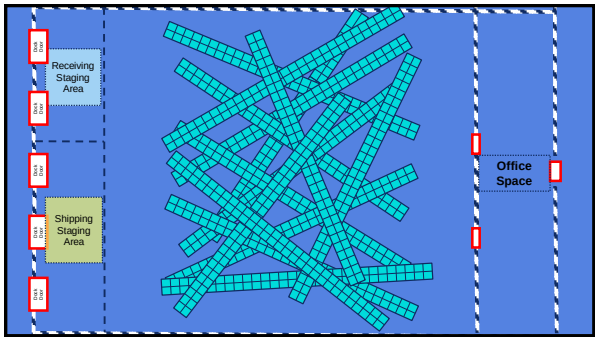
At the end of this lesson, participants will be able to:

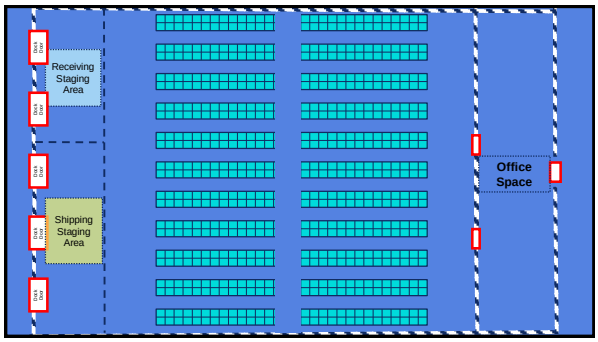
- Design the delivery site warehouse floor space for receiving, storing and shipping
- Organize the delivery site warehouse to receive SNS assets, including areas for receiving, storing, and shipping

Organizing the Warehouse Floor

Why?

Why mark and organize the warehouse floor?





Why?

- A warehouse full of items you cannot find serves no purpose!
  - You need to be able to mark locations spaces for both palletized and containerized products
  - You need to number each location so item locations on the floor, match with item locations in the inventory management system
  - You need to incorporate 10-foot aisles to allow two way pallet jack traffic

Palletized Products

- Palletized products may include:
  - DSNS-provided items
  - State purchased items
- Use 48” x 48” for planning
  - Pallets usually 40” x 48” – but use 48” x 48”
  - Pallet requires 36 sq ft (including half of the 10-ft aisle space
  - Antiviral pallets vary in size
  - Each pallet is a location, that must be reflected in your inventory management system,

Containerized Products

- Floor marking planning figures
  - Containers from 60.625” to 66 inches (5.5 ft.) wide
  - Containers from 43” to 48” (4 ft.) deep
  - Each container requires 49.5 sq. ft. including aisle space (5.5 x 9)
  - 130 containers require 6,435 square feet (49.5 x 130) – NOT including staging and admin areas

Storage Area Numbering

- Postal numbering - Evens on one side, odds on the other
- Sequential numbering - Up one aisle and down the next aisle – Preferred!
- Containers are color coded and numbered

ORAL	Injectables	Airway	Medical/ Surgical	PED Airway

Marking the Warehouse Floor

Marking the Warehouse Floor – Snap String

Marking the Warehouse Floor – Engineer Tape

Marking the Warehouse Floor – Towing Straps

Marking the Warehouse Floor – Lasers!

Marking the Warehouse Floor

ASPR

QUESTIONS?

Marking the Warehouse Floor

Pallet depth marking template – ten foot aisles

Image created by Richard Bishop, DSNS RSS Course Manager

Marking the Warehouse Floor

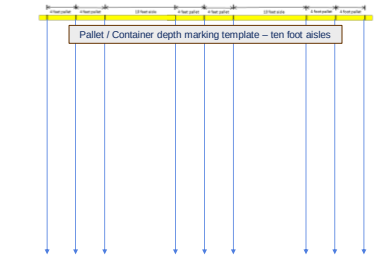
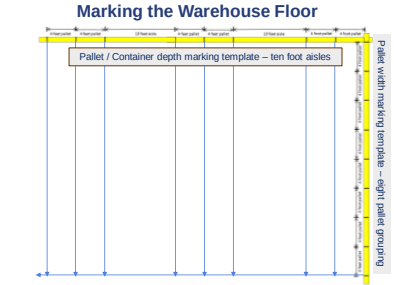


Image created by Richard Bishop, DSNS RSS Course Manager

Marking the Warehouse Floor



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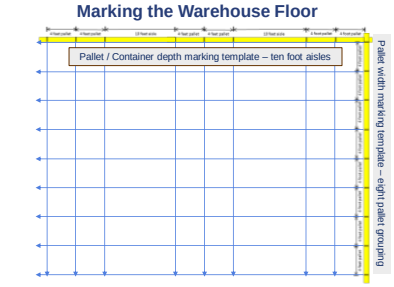
Marking the Warehouse Floor



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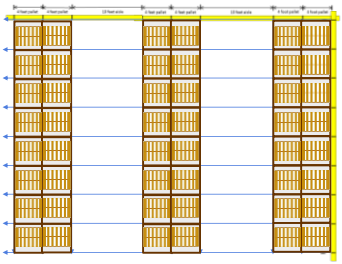
Marking the Warehouse Floor



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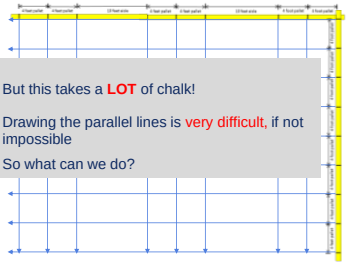
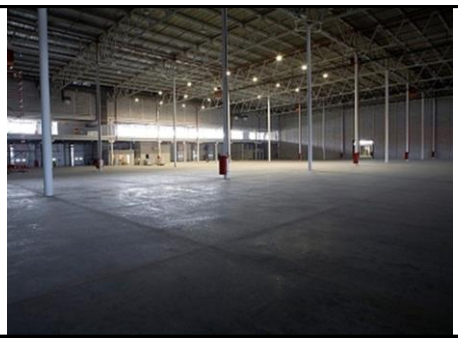
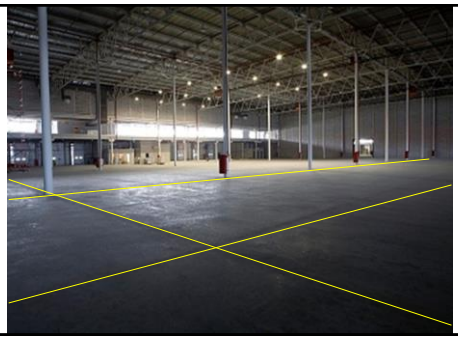
Marking the Warehouse Floor

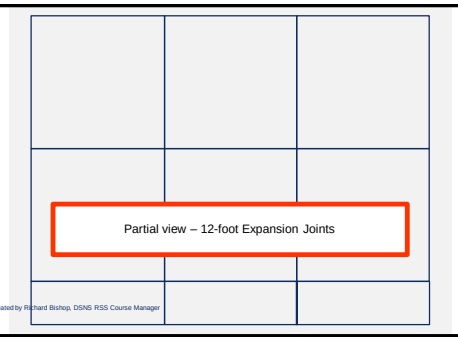


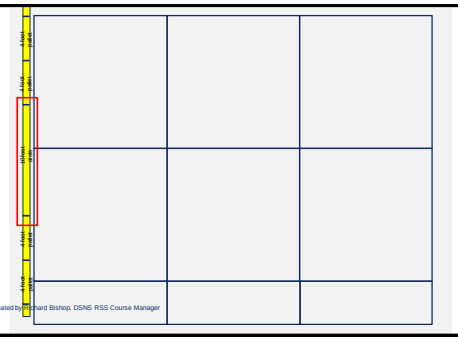
- But this takes a **LOT** of chalk!
- Drawing the parallel lines is very difficult, if not impossible
- So what can we do?

Image created by Richard Bishop, DSNS RSS Course Manager






Partial view – 12-foot Expansion Joints
Image created by Richard Bishop, DSNS RSS Course Manager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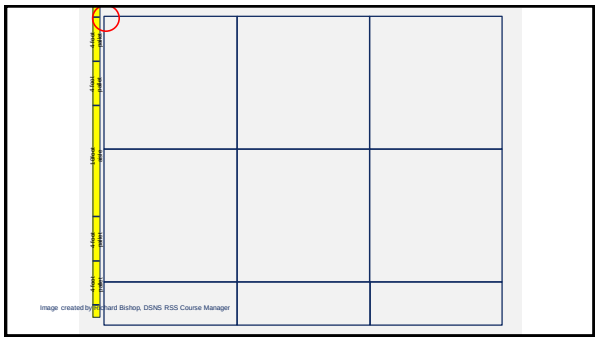
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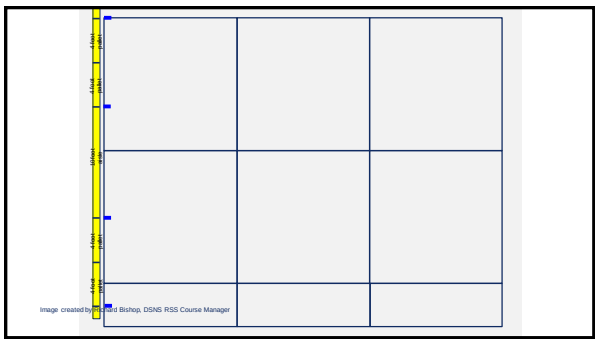
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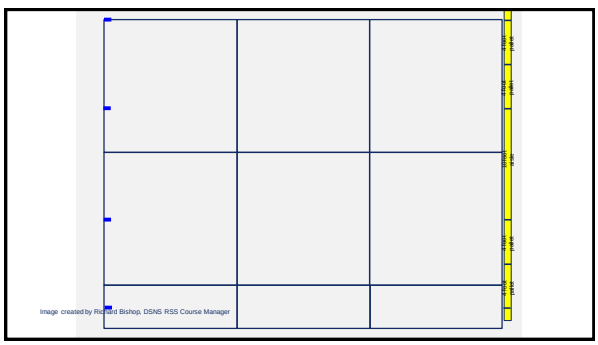
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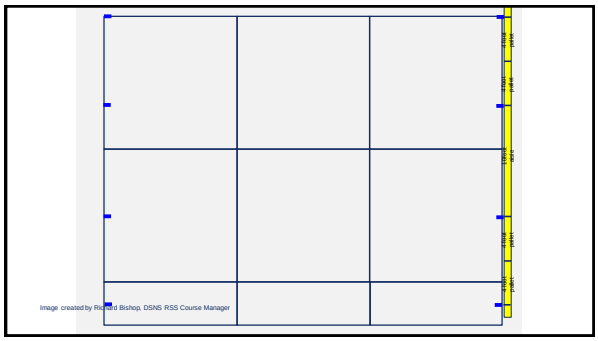
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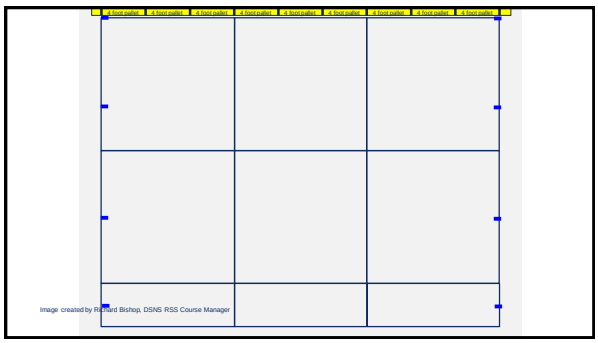
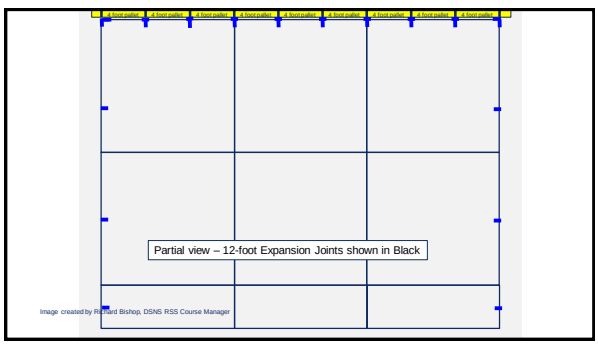

4 foot pallet
Image created by Richard Bishop, DSNS RSS Course Manager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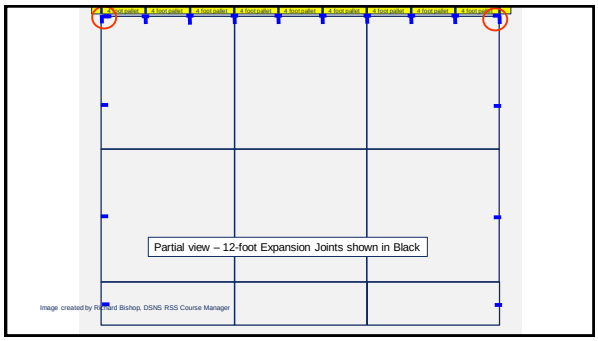
Partial view – 12-foot Expansion Joints shown in Black
Image created by Richard Bishop, DSNS RSS Course Manager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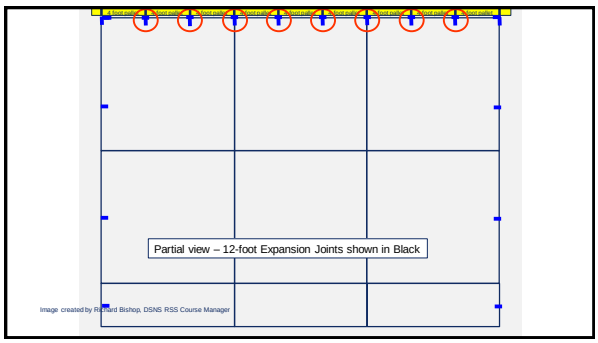
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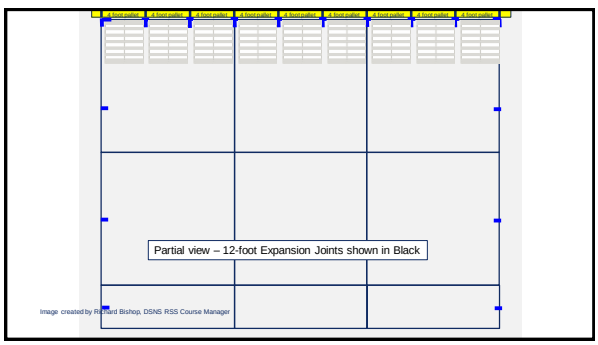
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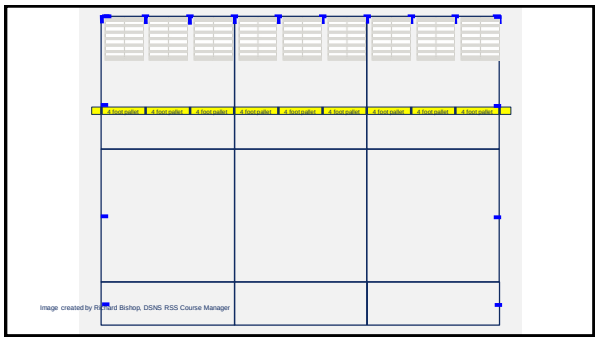
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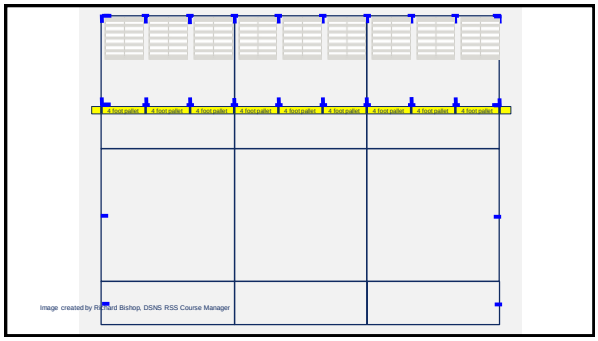
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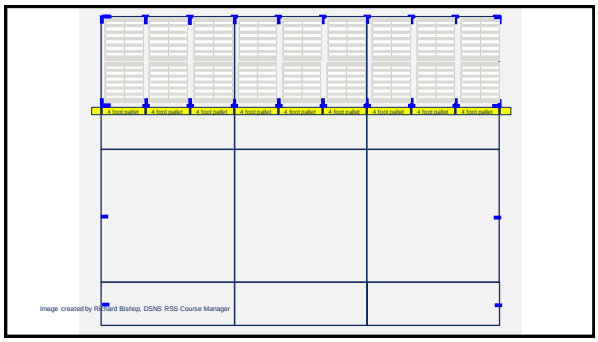
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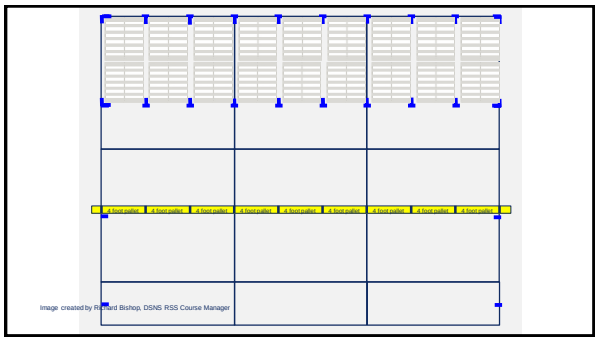
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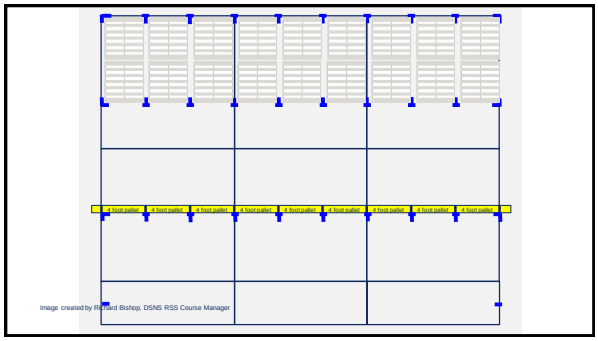
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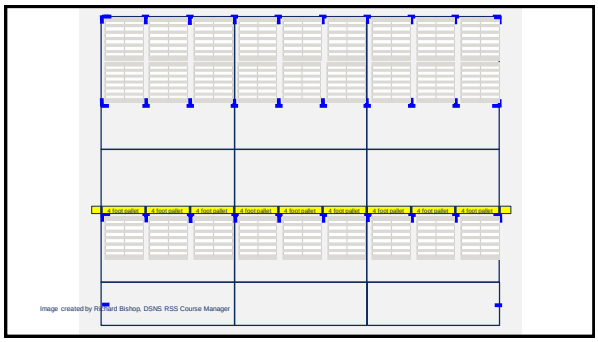
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4 foot pallet
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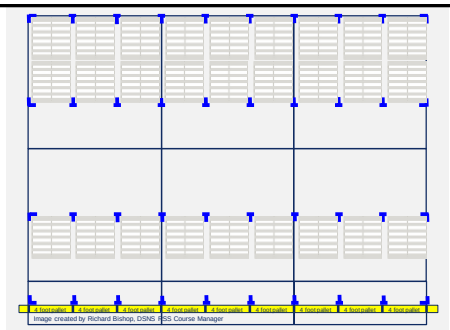
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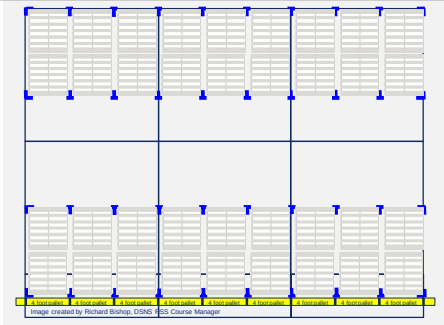
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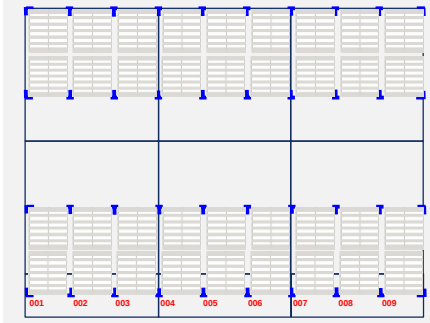
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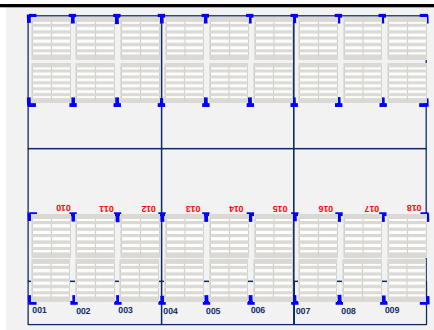
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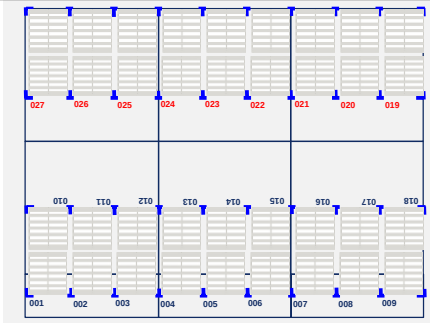
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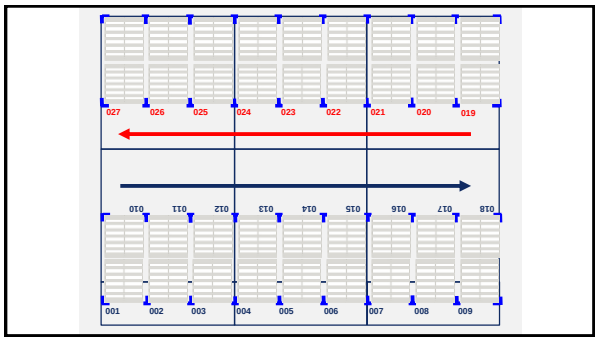
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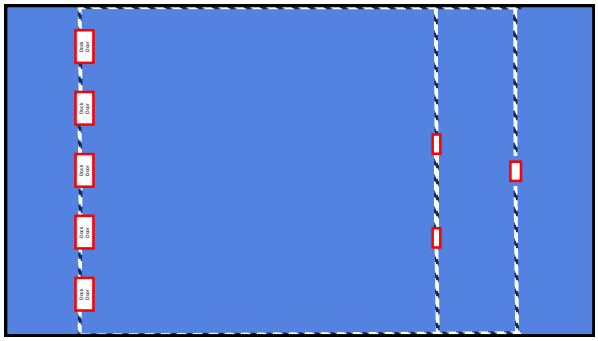
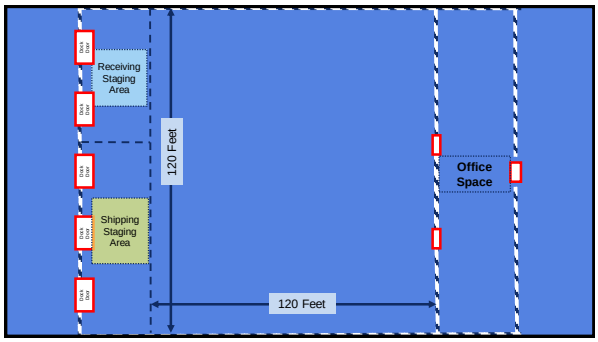
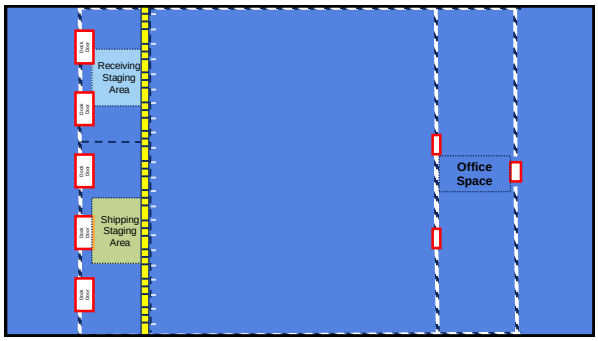
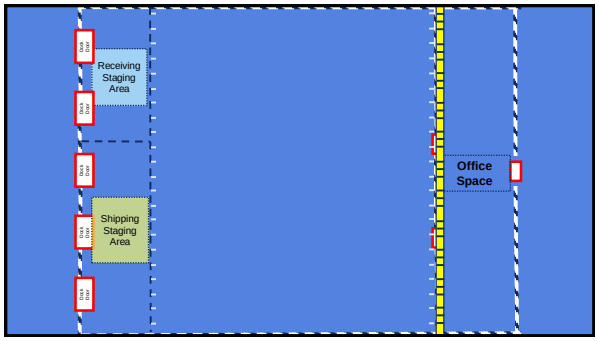



Receiving Staging Area
Shipping Staging Area
120 Feet
120 Feet
Office Space


Receiving Staging Area
Shipping Staging Area
Office Space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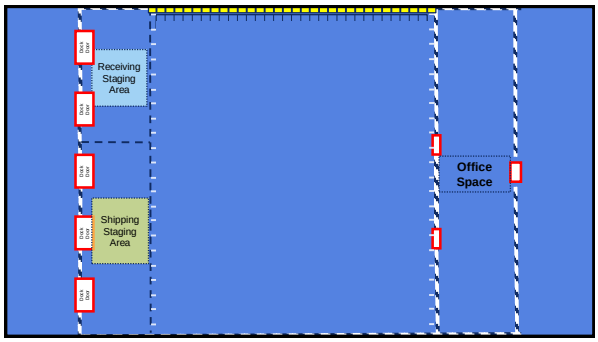
Receiving Staging Area
Shipping Staging Area
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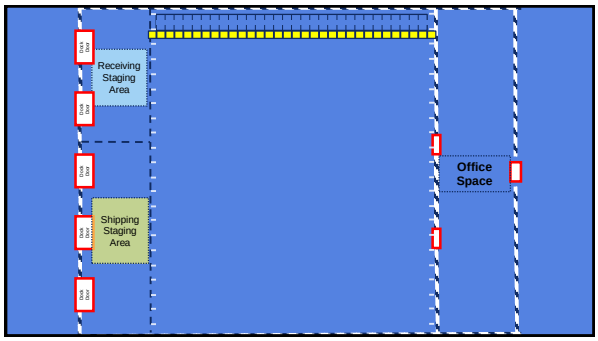
Receiving Staging Area
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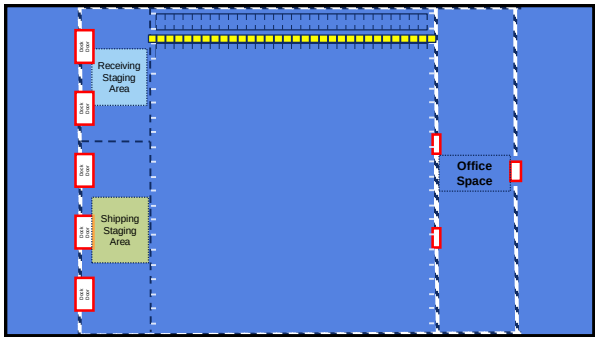
Receiving Staging Area
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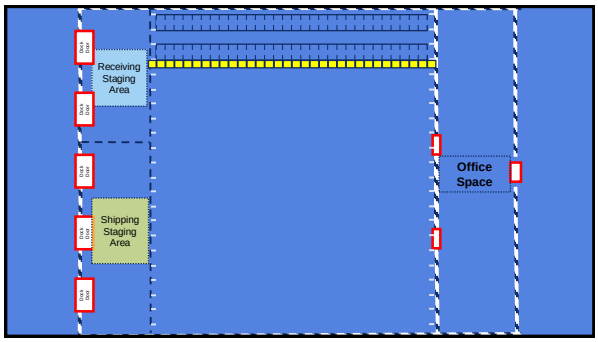
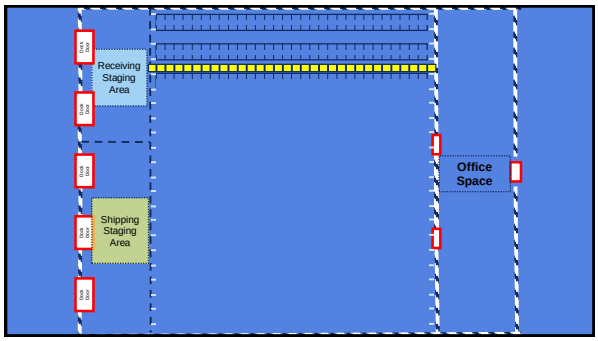

Receiving Staging Area
Shipping Staging Area
Office Space


Receiving Staging Area
Shipping Staging Area
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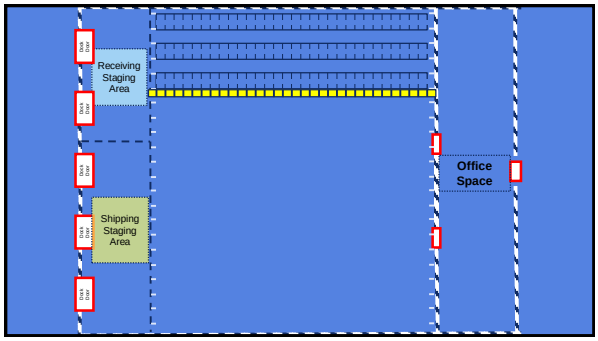
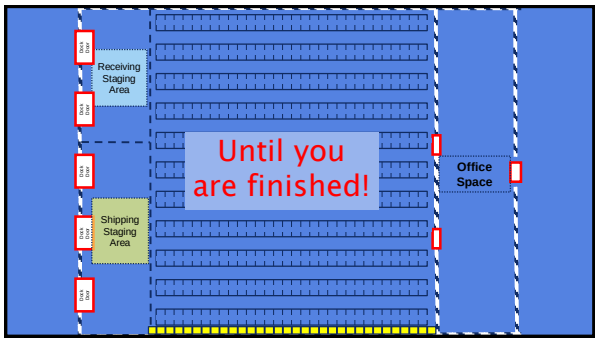
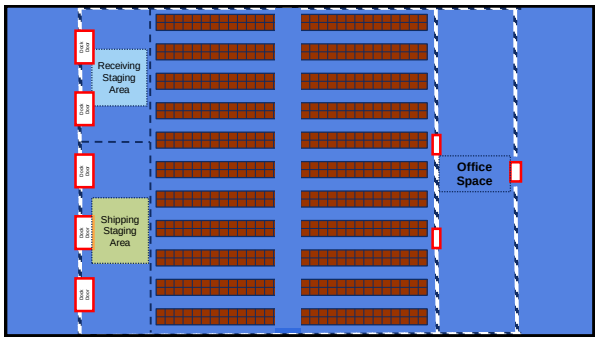
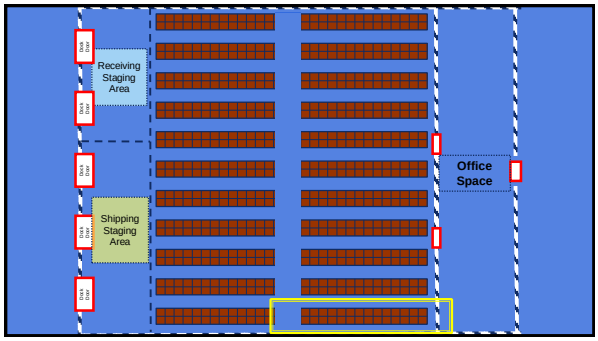

Receiving Staging Area
Shipping Staging Area
Office Space


Receiving Staging Area
Shipping Staging Area
Until you are finished!
Office Space





ASPR

Summary

TurningPoint

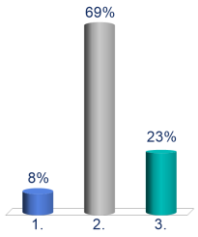
PowerPoint Polling

Anywhere Polling

Self-Paced Testing

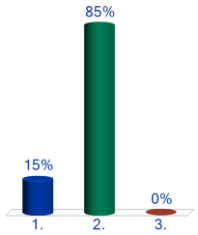
A single 12-hour Push Package container, **including aisle space**, requires how many square feet? (Choose one)

1. 16
2. 36
3. 49



A single pallet, **including aisle space**, requires how many square feet? (Choose one)

1. 16
2. 36
3. 49



ASPR

Questions?