

North Carolina  
Department of Health & Human Services

Warehouse Shelving

Broughton Hospital

Morganton, North Carolina

Addendum #2

Issued : December 9, 2022

Addendum #2  
Broughton Hospital – Warehouse Shelving  
December 9, 2021

***North Carolina Department of Health & Human Services  
Broughton Hospital  
Morganton, North Carolina  
Warehouse Shelving***

The following corrections, clarifications, or supplemental information is to be incorporated into the Contractor(s) bid to perform the work. All other requirements shall remain as previously noted unless modified herein.

**Item 1 – Drawing Sheet L1-1**

See revised drawing sheet L1-1, attached, summary of changes are but may not limited to:

- Revised shelving schedule.
- Add requirements for an alternate bid

**Item 2 – Bid Form**

Revised bid form, attached. Submit this version as your bid form.

**Item 3 – Specifications**

Delete section 10 56 13 in its entirety and replace with 10 56 15 attached.

**Item 4 – Bid Date**

The Bid Due Date has been changed to **December 16, 2021 at 3:00 PM.** Bids are still required to be submitted as specified.

End of Addendum

# BID/ACCEPTANCE FORM

for

North Carolina Department of Health & Human Services  
Broughton Hospital  
Morganton, North Carolina

Warehouse Racks & Heavy Duty Shelving

SCO # 21-23808-01A

We are in receipt of Addendum \_\_\_\_\_1 \_\_\_\_\_2 \_\_\_\_\_3 \_\_\_\_\_4

The undersigned, as bidder, proposes and agrees if this bid is accepted to contract with the State of North Carolina through the Department of Health and Human Services – Division of Property & Construction for the furnishing of all materials, equipment, and labor necessary to complete the construction of the work described in these documents in full and complete accordance with plans, specifications, and contract documents, and to the full and entire satisfaction of the State of North Carolina, North Carolina Department of Health & Human Services – Division of Property and Construction, and Broughton Hospital for the sum of:

**Base Bid:** \_\_\_\_\_ Dollars \$ \_\_\_\_\_

## Alternates:

**Alternate #1:** Cost to substitute shelving deck to particle board type instead of the solid steel as specified. Base bid to include shelving with flat solid steel decking.

Add / Deduct: \_\_\_\_\_ Dollars \$ \_\_\_\_\_  
(circle one)

Bid Acceptance By Owner: (Owner to check items below and initial):

Alternate Bid # 1: (Check One) Accepted \_\_\_\_\_ Not Accepted \_\_\_\_\_ Initial \_\_\_\_\_

Respectively submitted this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_

\_\_\_\_\_  
(Contractor's Name)

Federal ID#: \_\_\_\_\_

By: \_\_\_\_\_

Witness: \_\_\_\_\_

Title: \_\_\_\_\_

(Owner, partner, corp. Pres. Or Vice President)

\_\_\_\_\_  
(Proprietorship or Partnership)

Address: \_\_\_\_\_

Attest: (corporation)

Email Address: \_\_\_\_\_

**(Corporate Seal)**

By: \_\_\_\_\_ License #: \_\_\_\_\_

Title: \_\_\_\_\_  
(Corporation, Secretary./Ass't Secretary.)

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**ACCEPTED by the STATE OF NORTH CAROLINA**  
through the  
**Department of Health and Human Services**  
**Division of Property & Construction**

Total amount of accepted by the owner, included base bid and bid alternates: \_\_\_\_\_

Date: \_\_\_\_\_

By: \_\_\_\_\_

Witness: \_\_\_\_\_

Title: Chief, Facilities Planning & Arch. Services

# TECHNICAL SPECIFICATIONS

FOR

***North Carolina Department of Health & Human Services  
Broughton Hospital  
Morganton, North Carolina  
Warehouse Racks & Heavy Duty Shelving***

SCO # 21-23808-01A

## SECTION 10 56 15

### METAL WIDE SPAN STORAGE SHELVING

#### PART 1 - GENERAL

##### 1.1 SECTION INCLUDES

- A. Metal Storage Shelving Units

##### 1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.
- B. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.

##### 1.3 QUALITY ASSURANCE

- A. Preinstallation Conference: Conduct conference at Project site.

#### PART 2 - PRODUCTS

##### 2.1 METAL STORAGE SHELVING UNITS

- A. Heavy Duty cold rolled steel welded frame standards and Boltless Shelf cold roled steel beams for shelving (Wide Span Shelving): Factory-formed, field-assembled, freestanding, fully welded standards and boltless heavy duty metal beams and solid steel decking system, designed for shelves to be supported by standards, with shelves adjustable over the entire height of shelving unit. Provide boltless adjustable shelves and accessories as indicated. Basis of design "RaptorRAC" by Spacesaver.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

- a. Spacesaver
  - b. Republic Storage Systems, LLC.
  - c. Penco Products
  - d. Global
  - e. Interlake Mecalux
  - f. Or Owner Approved Equal
- 2. Load-Carrying Capacity per Shelf: 750 lb. minimum .
  - 3. Posts: Fabricated from cold-rolled steel; with perforations at full height to receive beam-to-post connectors.
    - a. Steel Thickness, Nominal: As required for load-carrying capacity per shelf and number of shelves.
    - b. Post Base: Adjustable steel floor plate, drilled for floor anchors and all corner posts.
    - c. Provide concrete anchors at base of all corner posts of size & type recommended by shelving manufacturer.
  - 4. Bracing: Manufacturer's standard, diagonal cross bracing at back and ends; as required for stability, load-carrying capacity of shelves, and number of shelves.
  - 5. Shelves: Heavy Duty Boltless Steel beams to support decking.
  - 6. Decking: Smooth surface solid steel
  - 7. Shelf Quantity: Four or five shelves per shelving unit typical, adjustable, as per notes on drawings.
  - 8. Overall Unit Width: See Drawings. 96 inches; 60 inches, 48 inches and 36 inches.
  - 9. Overall Unit Depth: 24 inches .
  - 10. Overall Unit Height: 120 inches .
  - 11. Accessories:
  - 12. Finish: powder coat.
    - a. Color and Gloss: As selected by Owner from manufacturer's standard colors.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine floor surfaces with Installer present for compliance with requirements for installation tolerances and other conditions affecting performance of pallet storage units.
- B. Proceed with installation only after unsatisfactory conditions have been corrected. Installation to include bolting all corners to concrete floor with anchors approved by Owner.

### 3.2 INSTALLATION

- A. General: Install Metal Storage Shelving Units per manufacturer's written installation instructions. Owner to approve locations of units prior to anchoring to floor.
- B. Install storage shelving units level, plumb, and true.

END OF SECTION

GENERAL NOTES:

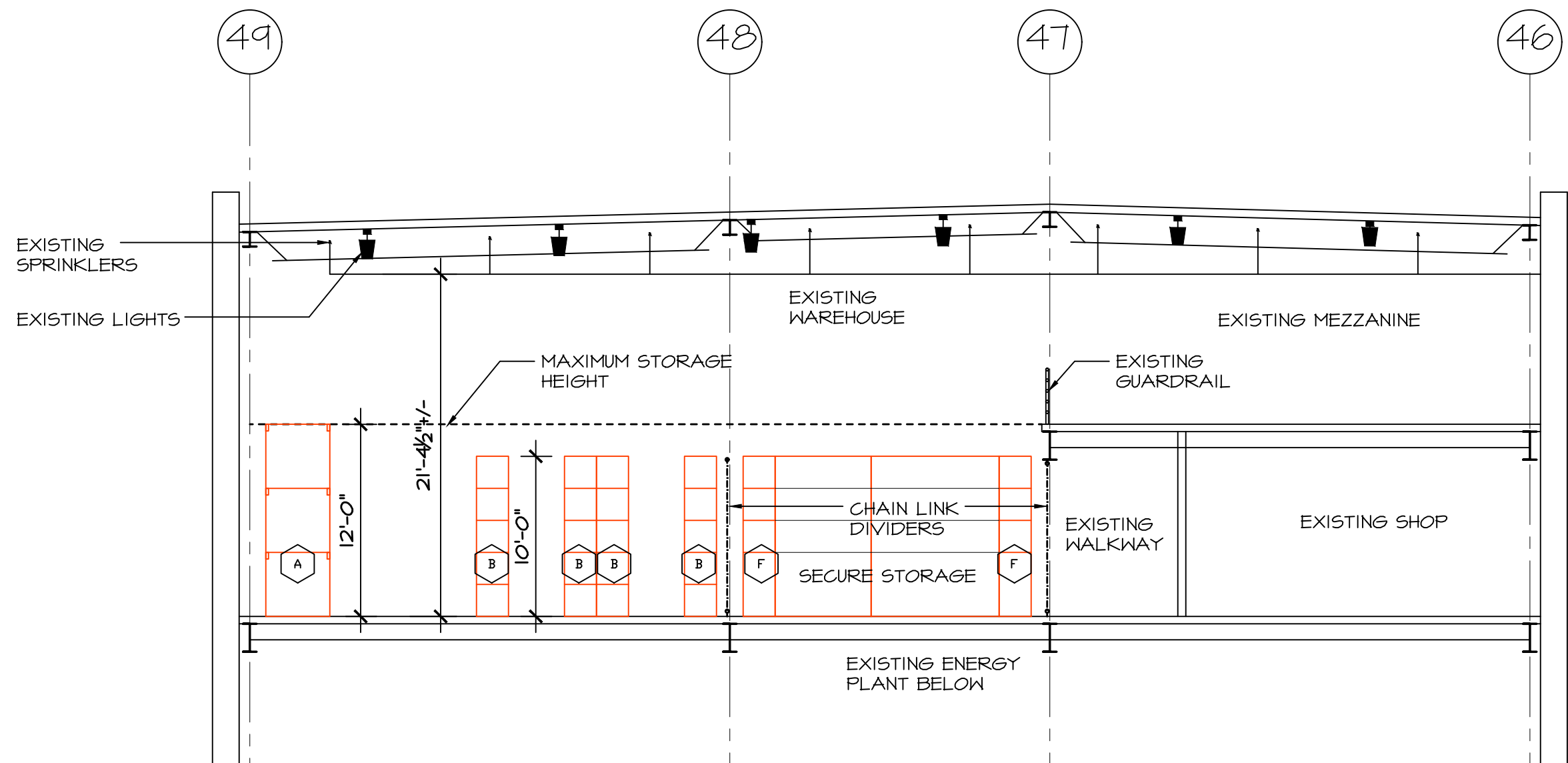
- A. SEE SPECIFICATIONS FOR ADDITIONAL PRODUCT INFORMATION.
- B. ALL WORK SHALL BE COMPLETED IN ACCORDANCE NORTH CAROLINA STATE BUILDING CODE 2018 EDITION AND OTHER APPLICABLE CODES AND REGULATIONS HAVING JURISDICTION.
- C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFLICTS OCCURRING FROM THE SCALING OF DRAWINGS. CONTRACTOR SHALL FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS PRIOR TO BIDDING AND START OF WORK.
- D. THE USE OF PRODUCTS OTHER THAN THOSE SPECIFIED SHALL BE ONLY USED WITH PRIOR APPROVAL BY THE OWNER. WHERE NO PRODUCT IS SPECIFICALLY SPECIFIED PROVIDE ONLY INDUSTRY STANDARD WHICH ARE ACCEPTABLE TO THE OWNER AND AUTHORITIES HAVING JURISDICTION.
- E. PROVIDE MATERIALS AND WORKMANSHIP WHICH ARE THE HIGHEST QUALITY AND ACCEPTABLE TO THE OWNER.
- F. CONTRACTOR SHALL PROTECT EXISTING BUILDINGS AND GROUNDS THAT ARE NOT INVOLVED AS PART OF THIS CONTRACT. ANY DAMAGE CAUSED BY WORK OF THIS CONTRACT SHALL BE REPAIRED TO ORIGINAL OR BETTER CONDITION BY THE CONTRACTOR WITHOUT COST TO THE OWNER.
- G. CONTRACTOR SHALL PROVIDE REQUIRED SAFETY MEASURES FOR THEIR STAFF AND ALL BUILDING OCCUPANTS.

SHELVING SCHEDULE

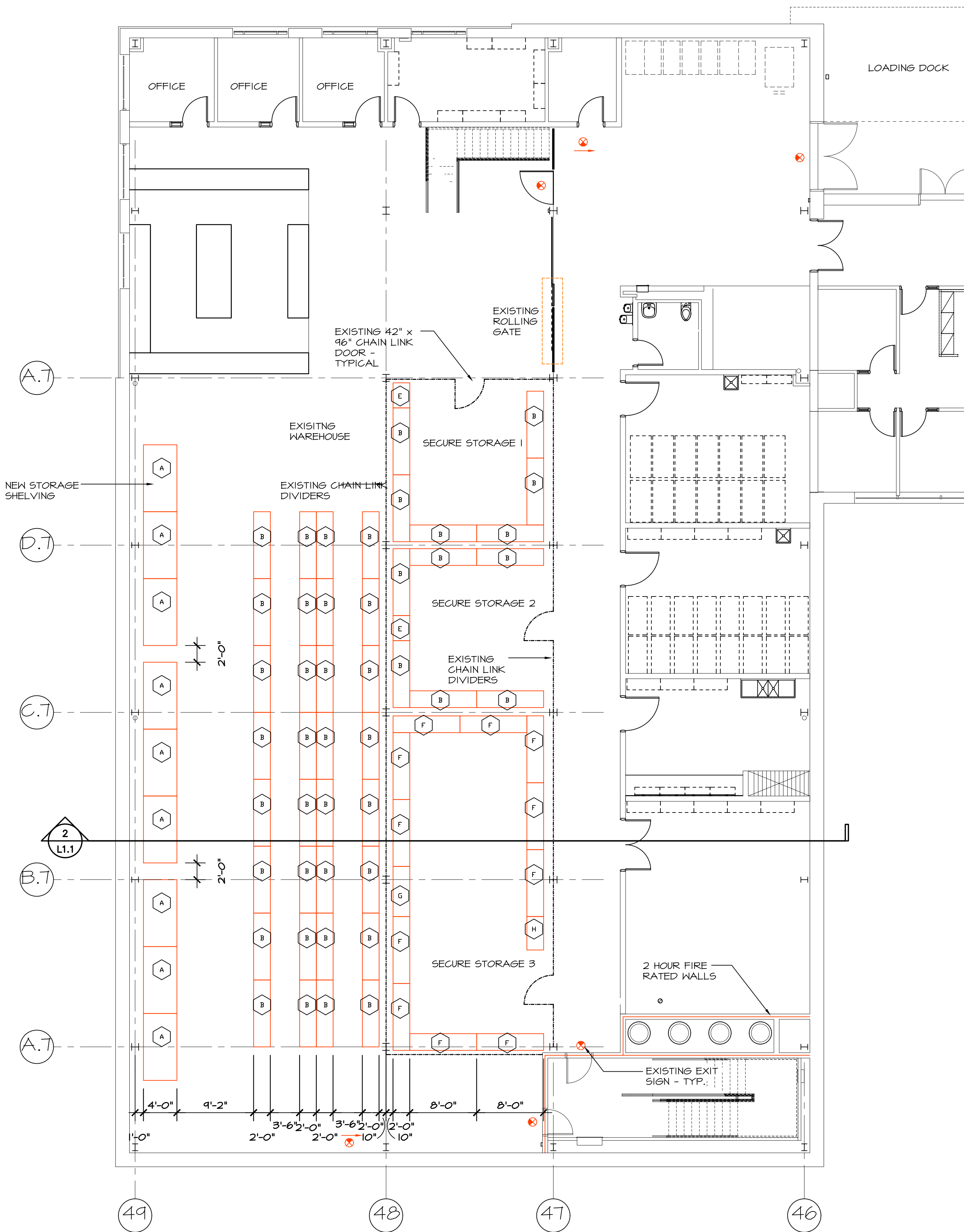
MARK	SIZE	NOTES (See Below)
A	48" X 96" X 144"	4, 5, 6
B	24" X 46" X 120"	1, 3, 5, 7
C	NO USED	-
D	NO USED	-
E	24" X 36" X 120"	1, 3, 5, 7
F	24" X 46" X 120"	2, 3, 5, 7
G	24" X 72" X 120"	2, 3, 5, 7
H	24" X 48" X 120"	2, 3, 5, 7
J	-	-
K	-	-
L	-	-
M	-	-
N	-	-
P	-	-
Q	-	-
-	-	-

Notes

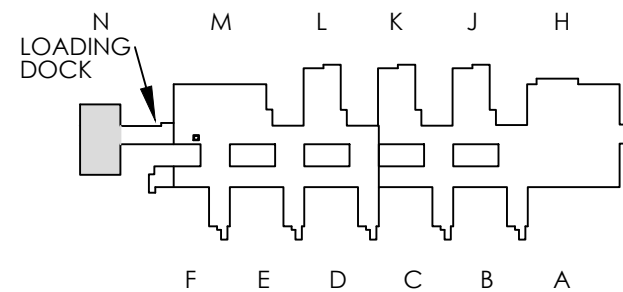
- FIVE (5) SHELVES PER UNIT, EVENLY SPACED. CAPACITY: 500 LBS PER SHELF. PROVIDE PARTICLE BOARD DECK.
- FOUR (4) SHELVES PER UNIT STARTING AT 4'-0" ABOVE FINISH FLOOR. CAPACITY: 500 LBS PER SHELF.
- ALL 2' DEEP SHELVING SHALL HAVE MINIMUM OF 500# CAPACITY.
- RACK SYSTEM; PROVIDE THREE (3) LEVELS WITH TWO BEAMS PER LEVEL, MINIMUM BEAM CAPACITY OF 4,000 LBS PER PAIR.
- SHELVING SHALL BE ANCHORED TO THE FLOOR AT ALL FOUR (4) FEET.
- RACK SYSTEM SHALL BE PROVIDED WITH SEISMIC RESTRAINT SYSTEM PER ASCET-10. SEE SPECIFICATION FOR ADDITIONAL INFORMATION.
- ALTERNATE BID #1: INSTEAD OF PROVIDING FLAT SOLID STEEL DECKING INCLUDED IN THE BASE BID, THIS ALTERNATE BID WITH PROVIDE PARTICLE BOARD DECKING IN ACCORDANCE WITH THE WEIGHT LOAD CAPACITIES SPECIFIED HEREIN.



WAREHOUSE BUILDING SECTION  
1/16" = 1'-0"



LEVEL 1 FLOOR PLAN  
1/16" = 1'-0"



Code Review Only

INSTITUTION: Broughton Hospital  
FACILITY: Warehouse  
PROJECT: Add Shelving  
SCO ID: 21-23808-01A

DRAWN BY: NE  
CHECKED BY: NE  
APPROVED BY: NE  
ISSUED: 10-29-21

REVISIONS	NO.	DATE
	1	12-7-21
	2	12-9-21

DHHS #: -  
INSTITUTION ID: -  
CODE #: -  
ITEM #: -

DRAWING: Shelving  
L1-1

STATE OF NORTH CAROLINA  
DEPARTMENT OF HEALTH AND HUMAN SERVICES  
DIVISION OF PROPERTY AND CONSTRUCTION  
2001 MAIL SERVICE CENTER - RALEIGH NORTH CAROLINA 27669-2001  
TEL: 919-715-9702 FAX: 919-733-5711 COURIER 56-20-00

