



**GENERAL NOTES:**  
 1. ALL BOLTED CONNECTIONS ARE BEARING TYPE CONNECTIONS.  
 2. BOLTS ARE TO BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG-TIGHT CONDITION (DEFINED AS THE TIGHTNESS THAT EXISTS WHEN THE PILES OF THE JOINT ARE IN FIRM CONTACT, WHICH MAY BE ATTAINED BY A FEW IMPACTS OF AN IMPACT HAMMER).  
 3. IF BOLT INSPECTION IS CALLED OUT IN THE CONTRACT DOCUMENTS, ALL BOLTED CONNECTIONS ARE TO BE INSPECTED AS BEARING TYPE CONNECTIONS WITH SNUG-TIGHT CONNECTIONS.  
 4. ENGINEERING REPRESENTATIVE AND REVISION OF THESE DRAWINGS.  
 5. ANY CHANGES TO THE CONFIGURATION OF THE RACK SYSTEM COMPONENTS INCLUDING APPROVAL FROM FRAZER ENGINEERING DEPARTMENT IS NOT PERMITTED. ANY SUCH CHANGES FROM ORIGINALLY DESIGNED CONFIGURATION COULD CAUSE COLLAPSE OF THE STRUCTURE.  
 6. USE OF PALLET MATERIAL OR SIZE OTHER THAN WHAT IS SPECIFIED IN THIS SET OF DRAWINGS COULD LEAD TO OPERATIONAL AND/OR STRUCTURAL ISSUES.

**OWNER USE AND MAINTENANCE**  
 (Per RW/ANSI White-2012 Specification for the Design, Testing and Utilization of Industrial Steel Storage Racks)  
 1. ALL CRANE/FORK TRUCK MATERIAL HANDLING EQUIPMENT OPERATORS ARE TRAINED BY FACILITY OWNER IN THE PROPER USE OF THE HANDLING EQUIPMENT.  
 2. OPERATIONAL, HOUSEKEEPING, AND MAINTENANCE PROCEDURES INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:  
 a. REGULARLY INSPECT FOR DAMAGE. IF DAMAGE IS FOUND, IMMEDIATELY UNLOAD THE AFFECTED AREA AND REPORT TO THE FACILITY OWNER.  
 b. REGULARLY INSPECT FOR DAMAGE. IF DAMAGE IS FOUND, IMMEDIATELY UNLOAD THE AFFECTED AREA AND REPORT TO THE FACILITY OWNER.  
 c. REPAIR ALL PALLETS TO BE MAINTAINED IN GOOD SAFE OPERATING CONDITION.  
 d. ENSURE THAT PALLETS ARE PROPERLY PLACED ONTO PALLET LOAD SUPPORT MEMBERS IN A PROPERLY STACKED AND STABLE POSITION.  
 e. PROHIBIT DOUBLE STACKING OF ANY PALLET POSITION, INCLUDING THE TOP MOST POSITION, UNLESS THE RACK SYSTEM IS SPECIFICALLY DESIGNED FOR SUCH LOADING.  
 9. ENSURE THAT THE RACKS ARE NOT MODIFIED OR REARRANGED IN A MANNER NOT WITHIN THE ORIGINAL DESIGN CONFIGURATIONS AS SHOWN ON THIS SET OF DRAWINGS.

**NOTES:**  
 1.) ALL DOWN-AISLE RACK DIMENSIONS ARE TO CENTERLINE OF RACK COLUMNS.  
 2.) ALL CROSS-AISLE RACK DIMENSIONS ARE TO THE FACE OF RACK COLUMNS.  
 3.) VERIFY ALL COLUMN, BUILDING AND RACK DIMENSIONS.  
 4.) ALL BUILDING COLUMNS ARE SHOWN 12" W X 12" D, EXCEPT AS NOTED.  
 5.) ANCHOR ALL RACK COLUMNS.  
 6.) PACKING MUST BE A MINIMUM OF 3" CLEAR OF BUILDING STRUCTURE.

APPROVED  APPROVED AS NOTED   
 NOT APPROVED - REVISE AND RESUBMIT   
 SIGNATURE: \_\_\_\_\_  
 COMPANY: \_\_\_\_\_  
 DATE: \_\_\_\_\_

NO FABRICATION CAN BE SCHEDULED OR BEGUN UNTIL A SIGNED COPY OF THESE DRAWINGS MARKED "APPROVED" OR "APPROVED AS NOTED" IS RECEIVED BY FRAZER INDUSTRIAL COMPANY.

**FRAZER INDUSTRIAL COMPANY**  
 LONG VALLEY, NEW JERSEY

**FLOOR PLAN AND PALLET RACK LAYOUT (105" BEAMS)**  
 HALLS WAREHOUSE  
 SOUTH PLAINFIELD, NEW JERSEY

DATE: 10/20/17  
 DWG NO.: D-17P7101  
 SCALE: 1/32"=1'-0"

NO.	DATE	BY	CHKD	APPD	DATE	DESCRIPTION
1	10/20/17	JAL			11/09/17	MINOR LAYOUT CHANGES FOR DRAINS AND WALL CLEARANCE. REMOVED SOME ROWS
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