



# Bulk Samples Storage Facility Model # CL4222

REVISIONS				
CHANGES BY	REV	DESCRIPTION	DATE	APPROVED

**GENERAL NOTES:**  
 1- ALL MATERIAL AND WORKMANSHIP SHALL CONFORM WITH THE REQUIREMENTS OF THE LATEST REVISION OF THE UBC, IBC AND STATE BUILDING CODES. DESIGN ACCORDING TO AISI, ASD, AND WITH ANSI/ASCE 7.  
 2- NO LOADS OTHER THAN THOSE GIVEN UNDER "DESIGN DATA" BELOW SHALL BE IMPOSED ON THE "STRUCTURE."  
 DESIGN DATA (MATERIALS)  
 STRUCTURAL QUALITY ASTM SPECIFICATION, A36 ER70S WELDING WIRE.  
 DESIGN DATA IN ACCORDANCE WITH ANSI/ASCE 7-95:  
 MINIMUM ROOF LIVE LOAD (PSF) = 40  
 Pg: GROUND SNOW LOAD (PSF) = 50  
 V : WIND VELOCITY (MPH) = 130  
 SEISMIC ZONE = 4

**FOUNDATION NOTES:**  
 THE FOUNDATION DRAWING IS A SUGGESTION ONLY. CHANGES MAY BE NECESSARY DUE TO LOCAL BUILDING REGULATIONS AND SITE CONDITIONS.  
 1- THE PAD PERIMETER SHOULD BE AT LEAST 24" LARGER THAN THE BUILDING, BOTH IN LENGTH AND WIDTH.  
 2- THE FOUNDATION SHOULD BE FORMED ON NATURAL UNDESTRUBED SOIL CAPABLE OF SUBSTAINING 2,000 PSF.  
 3- GRANDUAL BASED GRAVEL OR CRUSHED STONE SHOULD BE COMPACTED TO A DEPTH OF 4". THE SLAB SHOULD CONSIST OF 8" THICK 2,000 PSI CONCRETE.  
 4- FINISH SURFACE SHOULD BE LEVEL AND THEN INSTALL 3/4" X 4" ANCHOR BOLTS INTO THE TIE DOWNS ATTACHED TO THE BUILDING CORNERS.

ALL DIMENSIONS SHOWN ON THIS PRINT ARE FOR YOUR REFERENCE. TOLERANCES ARE ±1" UNLESS OTHERWISE NOTED.

DATE: \_\_\_\_\_  
 DRAWN BY: \_\_\_\_\_

**LEGAL NOTE**  
 THIS DRAWING IS THE PROPERTY OF U.S. CHEMICAL STORAGE, LLC. ANY DUPLICATION OF THIS DRAWING IN WHOLE OR IN PART IS STRICTLY FORBIDDEN. ANYONE DOING SO WILL BE PROSECUTED UNDER THE FULL EXTENT OF THE LAW.

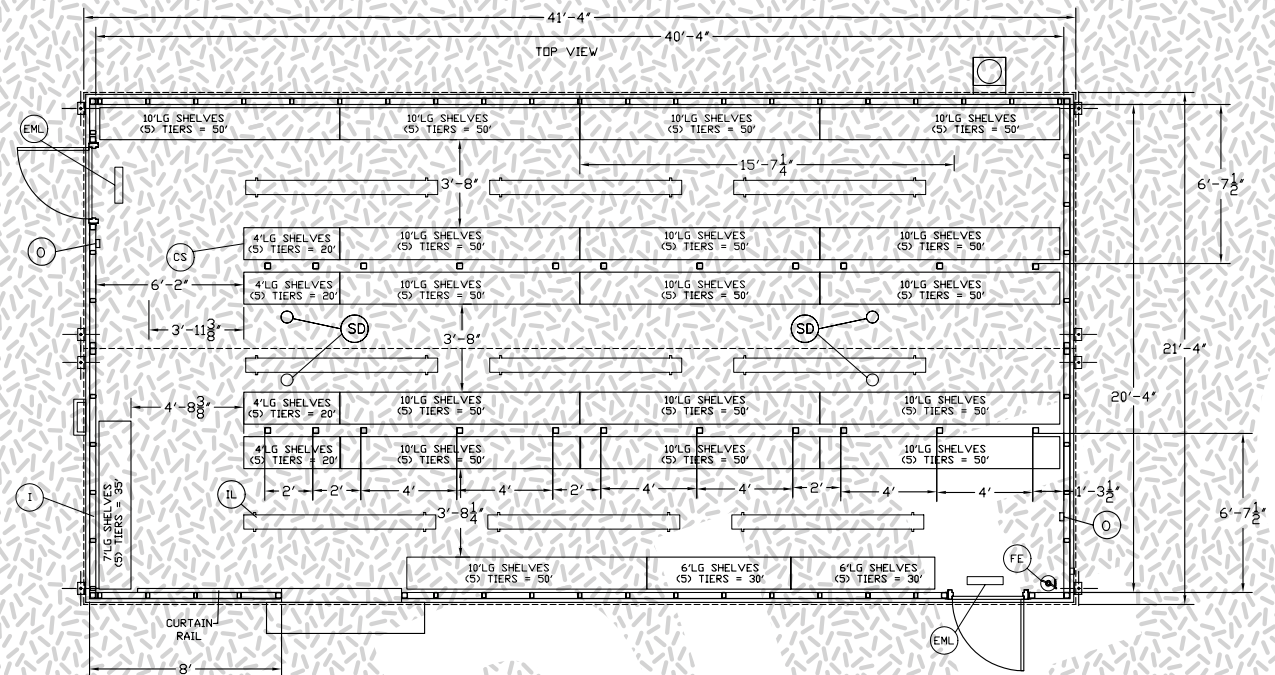
Customer is responsible to check with appropriate agencies to determine if any third party or local approvals are necessary.

This order does not include tax, anchoring, arming of dry chemical fire suppression system, electrical/water connections or permits.

This order is subject to US Chemical Storage, LLC's terms and conditions which are located in your building manual which can be downloaded from [www.uschemicalstorage.com/support/index.html](http://www.uschemicalstorage.com/support/index.html)

Customer is responsible to determine the classification and set back of the storage building depending on the type and quantity of the chemicals being stored. Local Agency may require additional equipment to be added to this unit after their plan review process. Additional equipment is not included in the quotation.

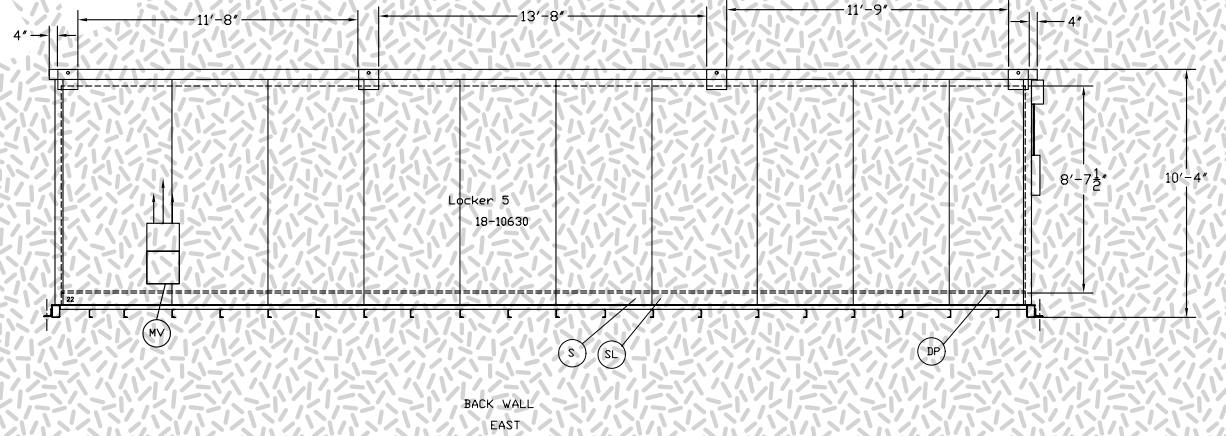
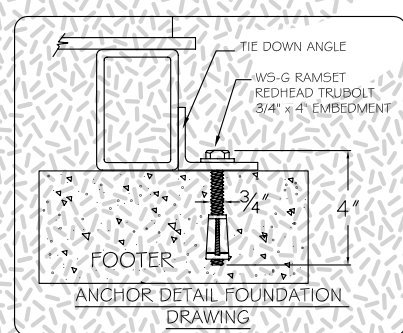
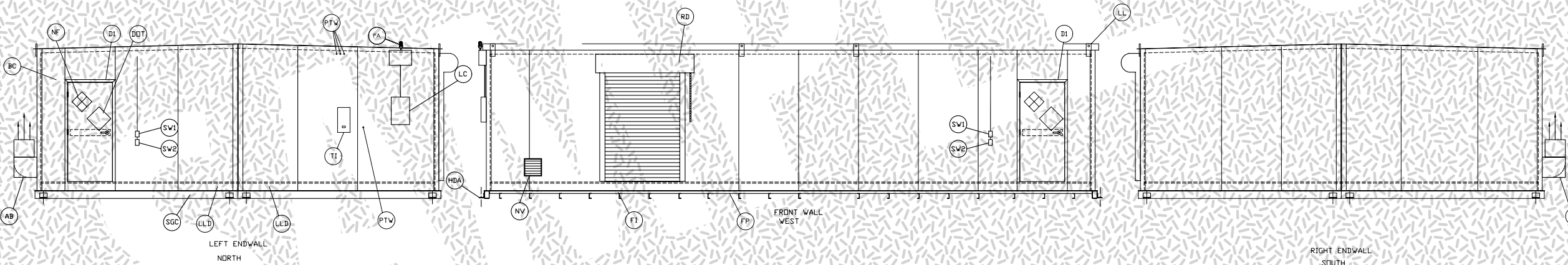
- LEGEND**
- BC- BUILDING COLOR: WHITE
  - DOT- DEPARTMENT OF TRANSPORTATION FLIP CHART PLACARD
  - NF- NATIONAL FIRE PROTECTION ASSOCIATION 704 SIGN
  - HDA- HOLD DOWN ANGLE (4)
  - S- SUMP
  - FP- FORKLIFT POCKETS
  - SGC- STATIC GROUND CONNECTOR
  - NV- NATURAL VENTILATION WITH RAIN LOUVRE
  - I- INSULATION (R19) WALLS & CEILING
  - FI- FLOOR INSULATION (R10)
  - SL- SUMP LINER
  - CS- CONTAINMENT SHELVING 1025 LIN. FT.
  - D1- 36" SINGLE DOOR WITH PANIC HARDWARE (2)
  - LC- LOAD CENTER 208 VOLT 3 PHASE
  - MV- (NON-EXPLOSION PROOF) MECHANICAL VENT
  - SW2- (NON-EXPLOSION PROOF) MECHANICAL VENT SWITCH (2)
  - LLD- (NON-EXPLOSION PROOF) LIQUID LEVEL DETECTOR (2)
  - DP- DIAMOND PLATE FLOOR WITH 6" PERIMETER GRATING
  - TI- (NON-EXPLOSION PROOF) TEMPERATURE INDICATOR WITH HORN/STROBE(1)
  - LL- LIFTING LUGS (16)
  - PTW- PORT THROUGH WALL 1" SCHED. 40 (4)
  - IL- (NON-EXPLOSION PROOF) 8' FLOURESCENT INTERIOR LIGHTING (9)
  - FE- FIRE EXTINGUISHER 20 LB.
  - SW1- (NON-EXPLOSION PROOF) LIGHT SWITCH (2)
  - EML- (NON-EXPLOSION PROOF) EMERGENCY LIGHT (2)
  - O- (NON-EXPLOSION PROOF) QUAD. OUTLETS (2)
  - RF- (NON-EXPLOSION PROOF) RECIRCULATION FAN
  - RD- ROLLUP DOOR INSULATED 5' X 7' WITH CURTAIN
  - AB- ADAPTER BOX (1)
  - SD- SMOKE DETECTOR (4)
  - FA- STROBE FOR SMOKE DETECTORS (1)



**SUPPLY VOLTAGE**  
 208V/3φ/60hz

**STORAGE/DISPENSING OF CLASS 1A AND DISPENSING OF CLASS 1B FLAMMABLE LIQUIDS PROHIBITED.**

Installation & Crane Service by  
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