



**Working**  
**Jet-Ready Precooler™**  
 & Cold Storage Room  
 Typical space requirements & spacing  
 Rev R0

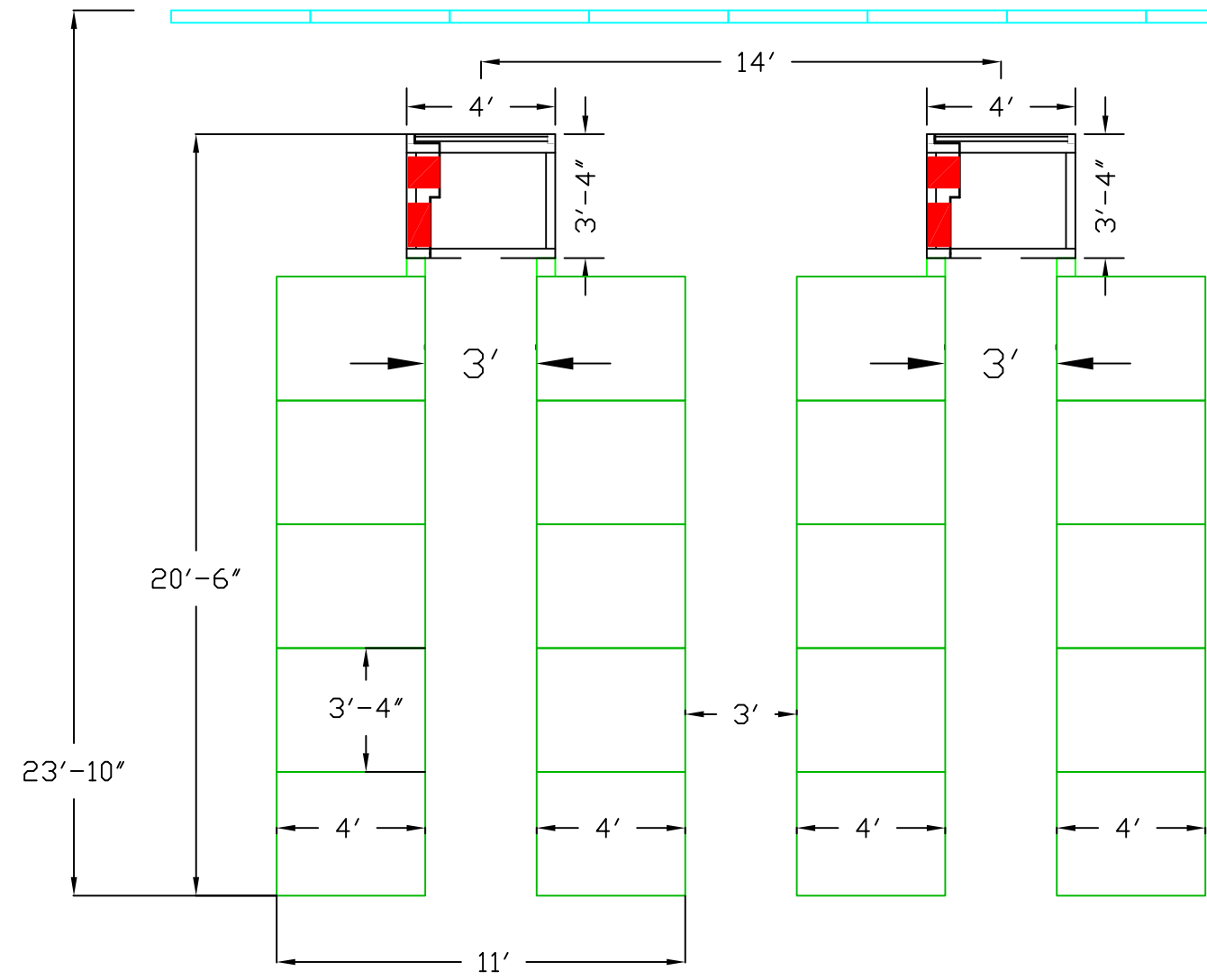
**OVERALL VIEWS**

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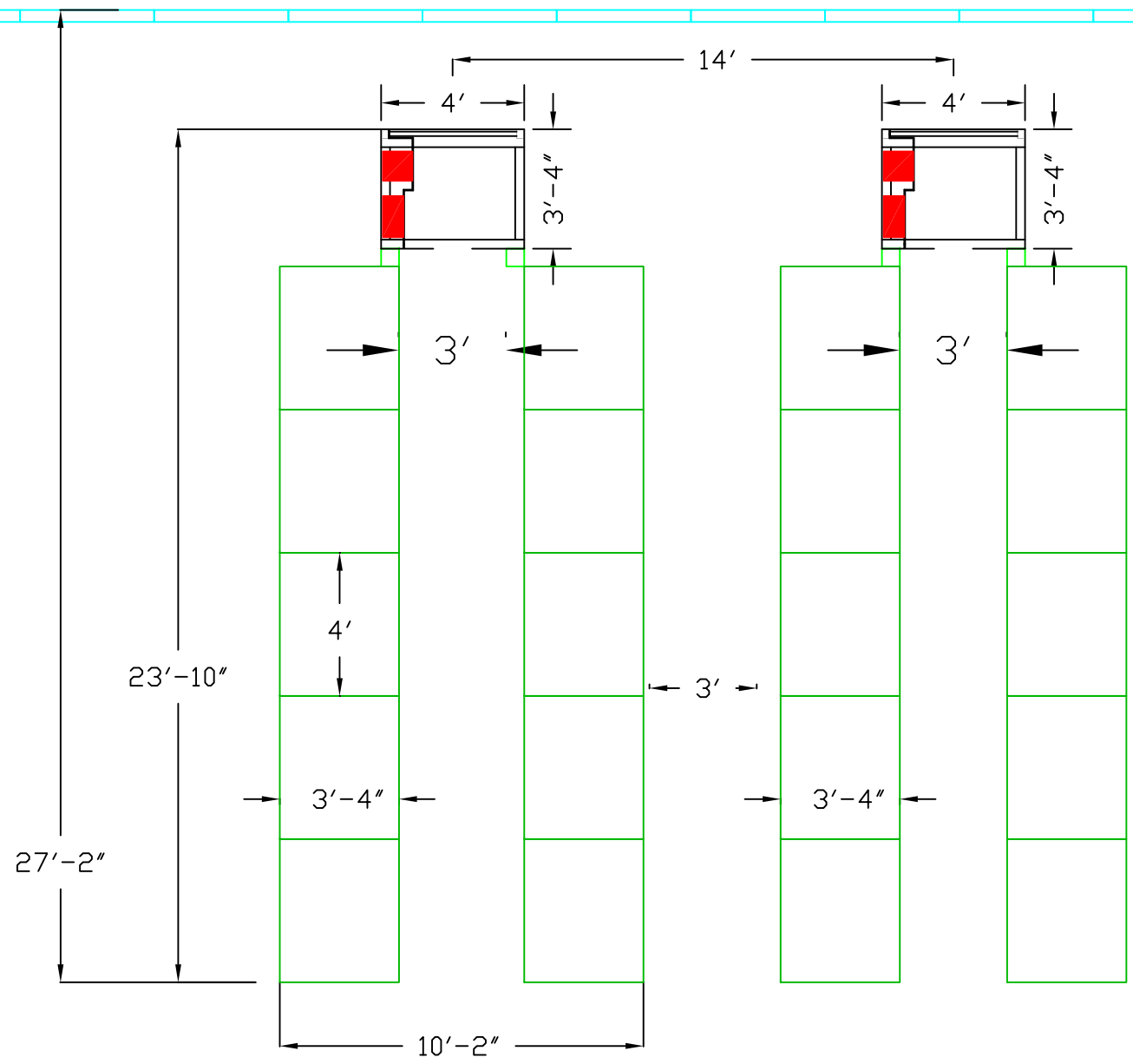
REV#	DATE	DESCRIPTION
1	00-00-00	
2	00-00-00	
3	00-00-00	
4	00-00-00	

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PROJECT:	DATE:
SCALE:	8/12/2016
DRAWN BY:	NTS
CHECKED BY:	TP
APPROVED BY:	JS



**Above depicts (10) pallet lots.**  
**4'0" dimension left-to-right.**  
*(some packages cool better in this orientation.)*  
 If 1,200 pound pallets/bins, then  
 3,499 cfm/pallet; 2.91 cfm/pound.  
 If 2,000 pound pallet/bins, then still  
 3,499 cfm/pallet, but 1.75 cfm/pound.  
*The heavier pallets will take longer to cool,  
 because of less cfm/airflow per pound/kilo.*



**Above depicts (10) pallet lots.**  
**3'4" dimension left-to-right.**  
*(most packages cool better in this orientation.)*  
 If 1,200 pound pallets/bins, then  
 3,499 cfm/pallet; 2.91 cfm/pound.  
 If 2,000 pound pallet/bins, then still  
 3,499 cfm/pallet, but 1.75 cfm/pound.  
*The heavier pallets will take longer to cool,  
 because of less cfm/airflow per pound/kilo.*

**In both orientations/layouts, as simple math can show, that if you try to precool twice as many pallets (e.g. 20 at a time), then you only have one-half the airflow per pallet, and cooling will take twice as long.**  
**BTU/hr = cfm \* delta-T \* 1.08 (constant).**