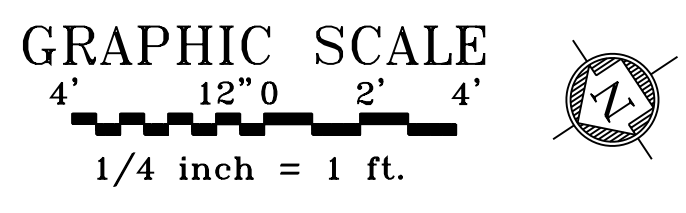


1
M-104
MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



GENERAL NOTES

- SEE M-001 AND M-002 FOR GENERAL NOTES, LEGEND, AND SYMBOL LEGEND.
- ALL HVAC WORK SHALL MEET THE REQUIREMENTS OF THE UNIFIED FACILITIES CRITERIA AND GUIDE SPECIFICATIONS.
- ALL DUCTWORK SHALL BE CONSTRUCTED AND LEAK TESTED ACCORDING TO SMACNA STANDARDS FOR LOW AND MEDIUM PRESSURE DUCTWORK.
- HVAC SUPPLY, RETURN, EXHAUST, AND OUTSIDE AIR DUCTWORK SHALL BE GALVANIZED CONSTRUCTION AND INSULATED PER SPECIFICATIONS.
- AT CONNECTIONS OF ROUND RUNOUTS TO AIR DEVICES AND RECTANGULAR OR FLAT OVAL DUCT MAINS, PROVIDE A RIGID FITTING EITHER FLANGED OR SPIN-IN WITH AIR SCOOP AND VOLUME DAMPER. DAMPER BLADE IS NOT TO EXTEND INTO MAIN TRUNK DUCT.
- AT CONNECTIONS OF RECTANGULAR BRANCH DUCTS TO RECTANGULAR MAINS, PROVIDE A 45 DEGREE SIDE TAP.
- LENGTH OF FLEX DUCTS TO RUN-OUTS SHALL NOT EXCEED 5'-0". PROVIDE SHEETMETAL ELBOWS AT ALL DROPS TO AIR DEVICES.
- ALL EXPOSED DUCTWORK IN PERSONNEL AREAS SHALL BE INSULATED WITH MINIMUM 2" FIBERGLAS DUCT WRAP WITH FOIL FACED VAPOR BARRIER. PROVIDE CANVAS JACKET AND PAINT.
- DUCTWORK DIMENSIONS ARE INSIDE "CLEAR" DIMENSIONS AND DO NOT INCLUDE INSULATION.

SHEET NOTES

- PROVIDE ONE(1) LOCKABLE CONDENSER GUARD FOR BOTH HEAT PUMP UNITS.

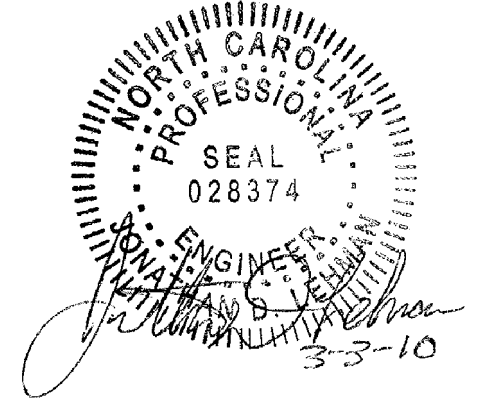


MARK	DESCRIPTION	DATE	APPR.
A	100% PRE-FINAL DESIGN	11/06/09	
B	FINAL DESIGN FOR CONSTRUCTION	03/03/10	

DESIGNED BY: SMH	DATE: 28-JUL-2009
U.S. ARMY CORPS OF ENGINEERS HUNTSVILLE CENTER	U.S. ARMY CORPS OF ENGINEERS HUNTSVILLE CENTER
CHK BY: JL	CONTRACT NO.:
SUBMITTED BY: KCI TECHNOLOGIES	W/12DY-09-R-003
PLOT SCALE:	FILE NUMBER:
AS NOTED	XX-XXXXXX
FILE NAME:	
ANSI D	FS_M-104.dgn

3 MARCH 2010 BUILDING DESIGN FINAL DESIGN FOR CONSTRUCTION

15TH STREET FIRE STATION
FORT STEWART, GEORGIA
MECHANICAL PLAN
TRAINING CENTER



KCI Associates of North Carolina, PA
Engineers • Planners • Scientists • Construction Managers
4601 Six Forks Road, Landmark Center II, Suite 220
Raleigh, NC 27609-5210
Phone (919) 783-9214
Fax (919) 783-5566
http://www.kci.com

STDA
Architects
121 EAST GOVERNMENT STREET
PENSACOLA, FL 32502 (850)432-1912

SHEET IDENTIFICATION
M-104
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