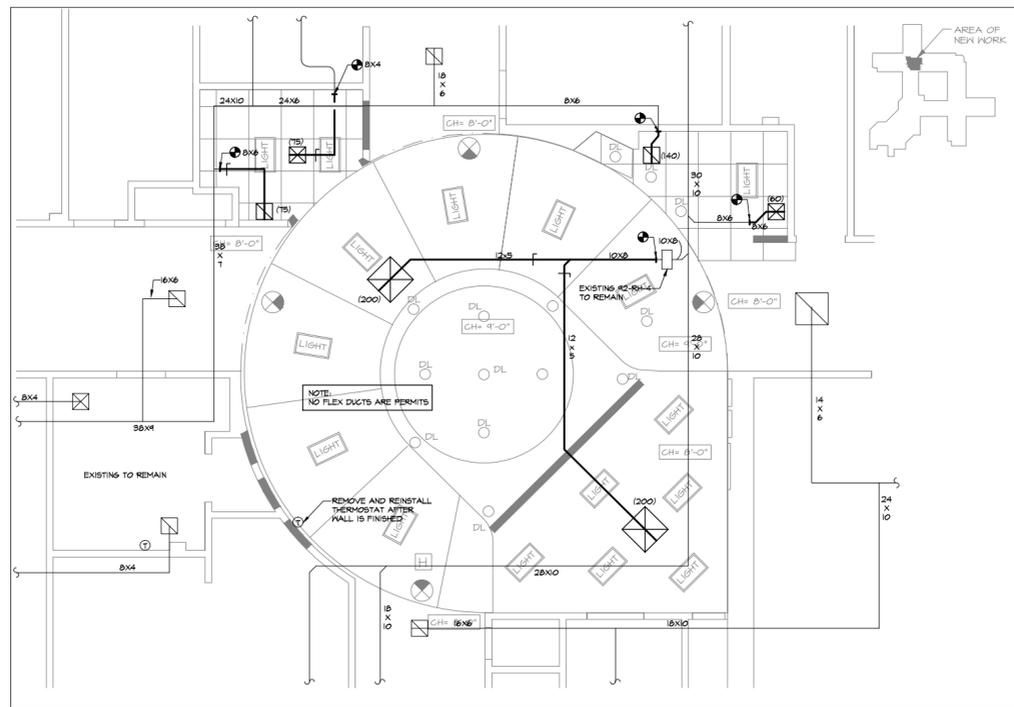
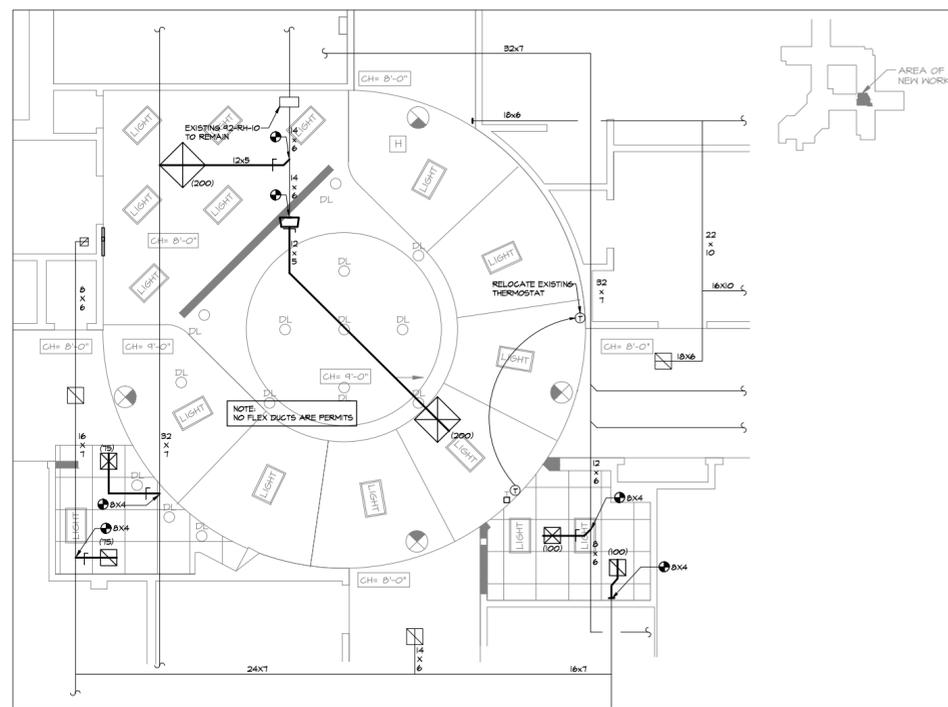


IF THIS SHEET IS NOT 30" x 42" FULL SIZE, USE GRAPHIC SCALES

one inch = one foot  
 three-quarter inch = one foot  
 one-half inch = one foot  
 three-eighths inch = one foot  
 one-quarter inch = one foot  
 one-eighth inch = one foot



1 MECHANICAL PART PLAN  
 Scale: 1/4" = 1'-0"



2 MECHANICAL PART PLAN  
 Scale: 1/4" = 1'-0"

**SYMBOL LIST**

---	EXISTING SYSTEM TO REMAIN
- - -	EXISTING SYSTEM TO BE REMOVED
---	NEW DUCTWORK
---	NEW DUCTWORK WITH ACOUSTIC LINING
○	CEILING DIFFUSER
⊗	CEILING REGISTER / CEILING GRILLE RETURN
⊕	BR BOTTOM REGISTER / TR TOP REGISTER / CR CEILING REGISTER / CG CEILING GRILLE
⌞	VOLUME DAMPER
⌞	FIRE DAMPER / ACCESS DOOR
⌞	TRANSFER DUCT FROM RECTANGULAR TO ROUND
---	FLEXIBLE CONNECTION DUCT (MAX 4'-0")
⊖	THERMOSTAT
⌞	LOWERED DOOR
⌞	UNDER CUT DOOR
⊖	CONNECT NEW TO EXISTING SYSTEM
⊖	DISCONNECT FROM EXISTING SYSTEM
⊖	PIPE TURNING UP
⊖	PIPE TURNING DOWN
⊖	ACCU AIR COOLER CONDENSING UNIT
⊖	AHU AIR HANDLING UNIT
⊖	AL ACOUSTIC LINING
⊖	CFM CUBIC FEET PER MINUTE
⊖	ESP EXTERNAL STATIC PRESSURE

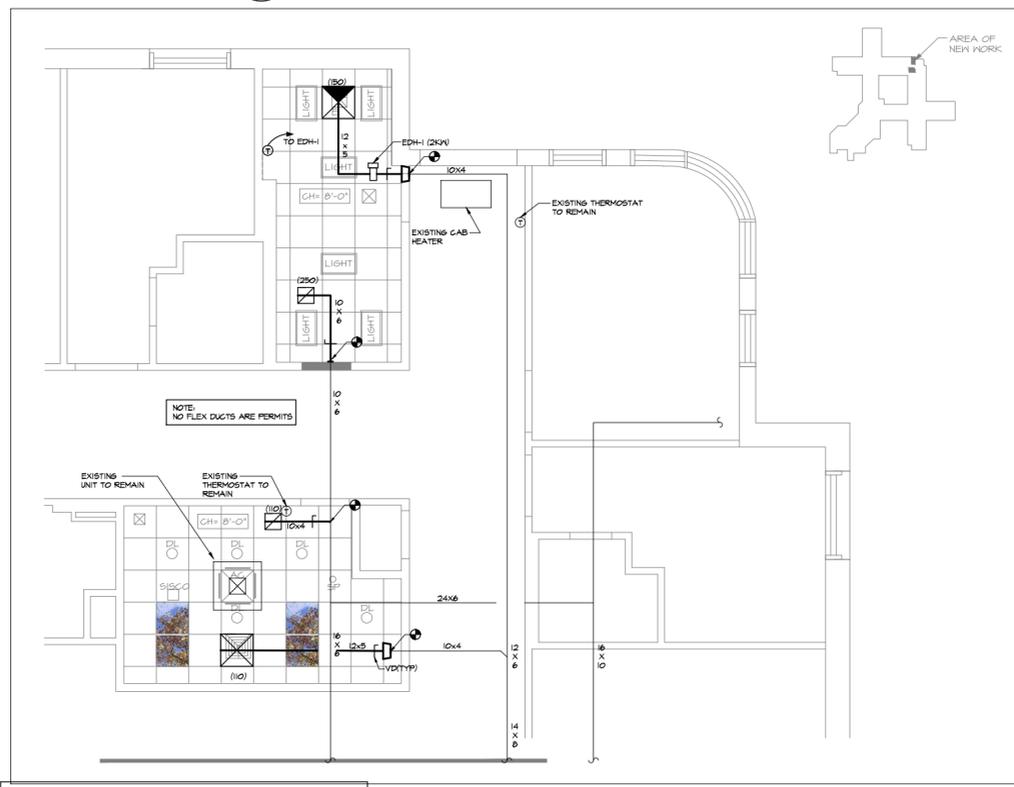
**ELECTRIC HEATING COIL SCHEDULE (BASED ON THERMOCOIL)**

UNIT NO	SYSTEM	LOCATION	DUCT SIZE	KVA	NO OF STEPS	ELEC DATA	REMARKS
EDH1	-	BARBER STATION	12x6	2	1	208	-

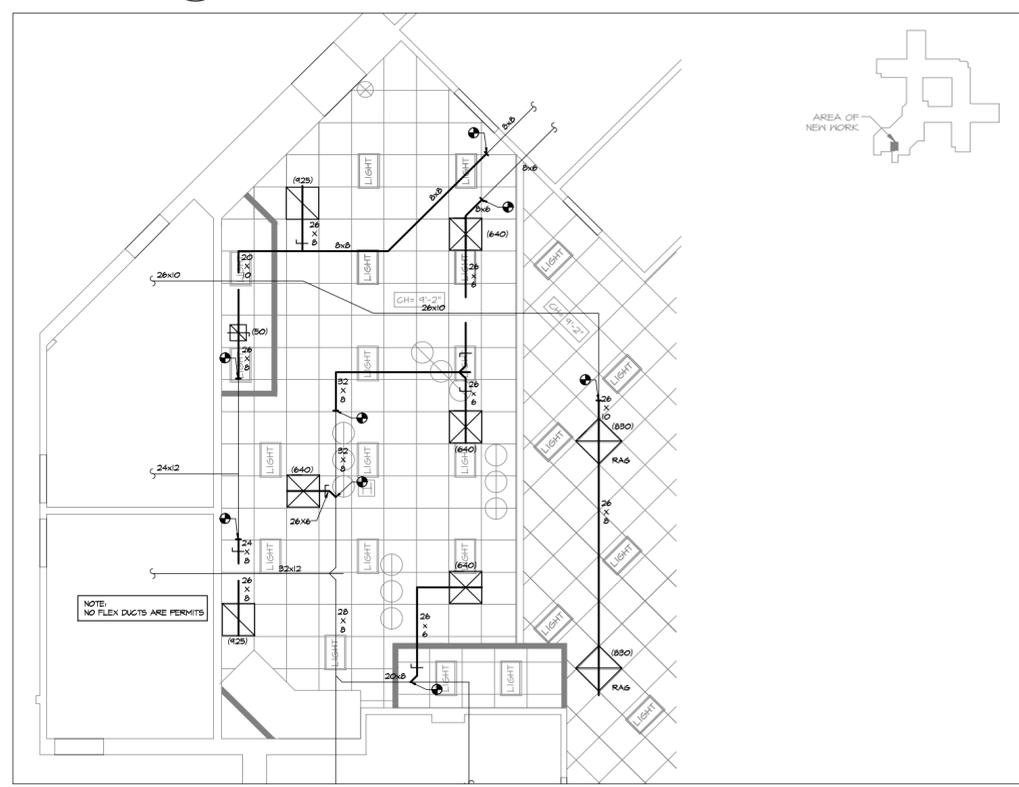
ELECTRIC HEATER AND COMPRESSORS SHALL NOT OPERATE SIMULTANEOUSLY WITH AIR FLOW SWITCH LOCKING DISCONNECT, SFC CONTROL, CONTROL TRANSFORMER, FAN INTERLOCK, RELAY. PROVIDE TUBULAR ELEMENT FOR SAFETY.

A. STANDARDS: ELECTRIC COILS SHALL MEET THE REQUIREMENTS OF THE NATIONAL ELECTRIC CODE (NEC) AND UL #196.  
 B. OVER TEMPERATURE PROTECTION:  
 1. PRIMARY SYSTEM: AUTOMATIC RESET THERMAL DIFFUSER.  
 C. CONTRACTORS: DISCONNECTING MAGNETIC TIRE.  
 D. AIRFLOW INTERLOCK: DIAPHRAGM OPERATED DIFFERENTIAL AIRFLOW PRESSURE SWITCH.

**NOTES:**  
 1) CONTRACTOR SHALL PROVIDE TEMP A/C FOR ALL SPACES REQUIRING SHUTDOWNS.  
 2) SHUT DOWN OF EXISTING VENTILATION UNITS SHALL BE COORDINATED WITH COTR, VIA WRITTEN NOTIFICATION TWO WEEKS IN ADVANCE OF WORK BEING DONE.  
 3) NO FLEX DUCTS ARE PERMITTED.



3 MECHANICAL PART PLAN  
 Scale: 1/4" = 1'-0"

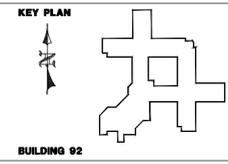


4 MECHANICAL PART PLAN  
 Scale: 1/4" = 1'-0"

**EMTG** CONSULTING ENGINEERS  
 EMTGENGINEERS.COM  
 TEL: 212-268-6465 FAX: 212-268-6467  
 115 WEST 30TH STREET, SUITE 202, NEW YORK, NY 10001

**KENNETH IRVING ARCHITECT P.C.**  
 301 MEMORIAL PLAZA SUITE 501, PLEASANTVILLE, NY 10570  
 PHONE: (914) 747-0000 E-MAIL: klandrade@kivarch.com FAX: (914) 747-9211

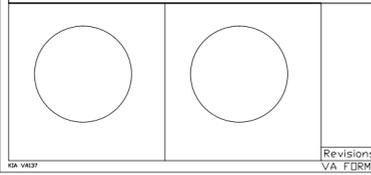
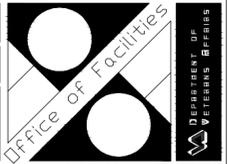
**NOTE AND READ CAREFULLY:**  
 The Contractor shall consult and study the requirements of each and every drawing and each specification section of this contract so that he/she may become acquainted with the project as a whole in order to determine how the work of his/hers subcontractor or vendor may affect the work required under this contract.  
 Written Specifications are part of this contract.



**MECHANICAL PART PLANS**  
 Approved: Division Chief  
 Approved: Service Director

**Project Title**  
 Implement Community Living Center Cultural Transformation  
**Building Number**  
 92  
**Location**  
 Northport, New York

**Date**  
 3/30/2012  
**Project No.**  
 632-08-123  
**DRAWING NO.**  
 M-2  
 Dwg 28DF 34



Revisions  
 Date