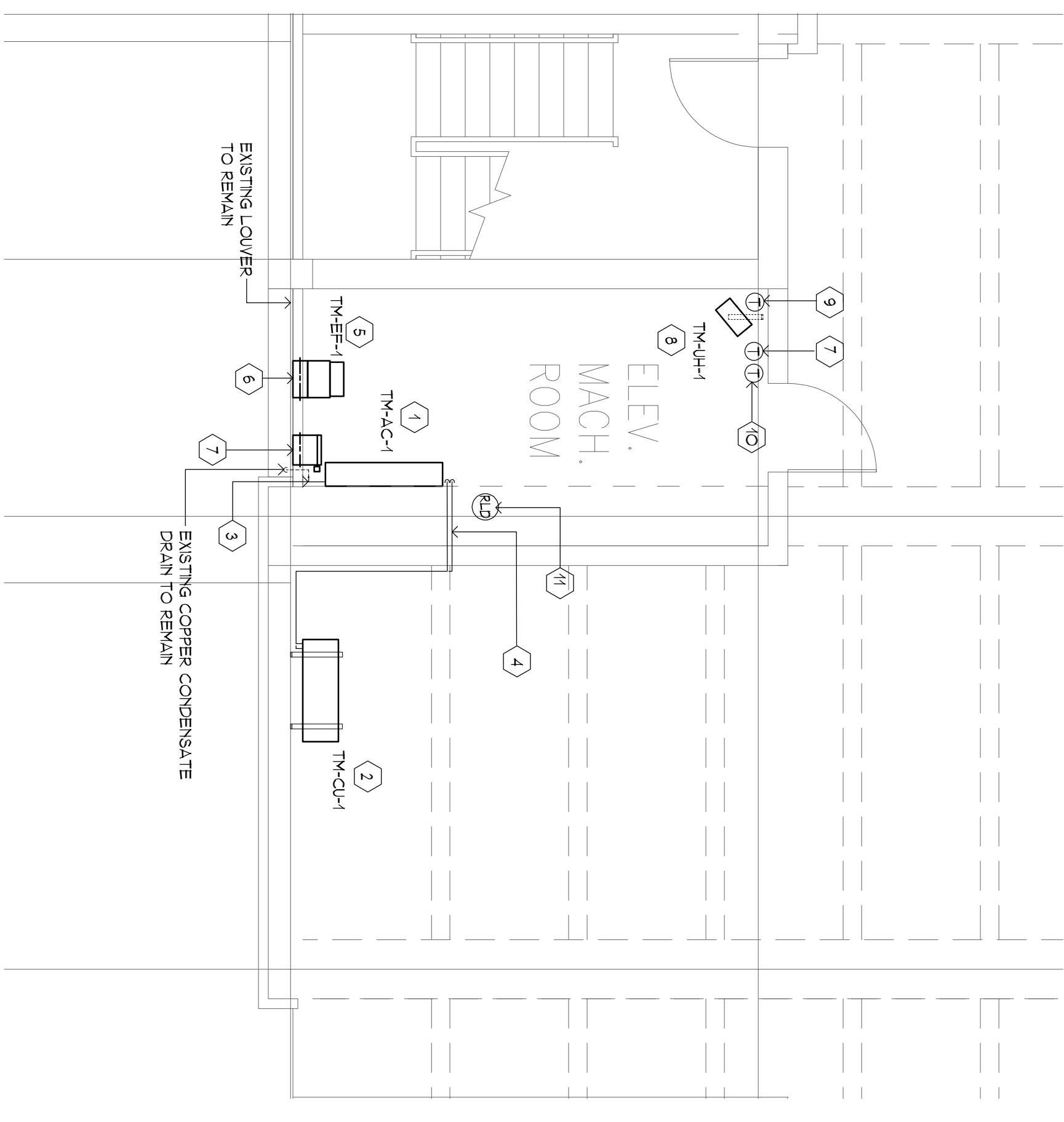


TEMPLE MEDICAL GARAGE
EMR DEMOLITION PLAN



TEMPLE MEDICAL GARAGE
EMR MECHANICAL PLAN
SCALE 1/4" = 1'-0"

SCHEDULE FOR DUCTLESS SPLIT SYSTEM													BASIS OF DESIGN TEAM/ MFR/SUB/H			
INDOOR UNIT			OUTDOOR UNIT			COOLING PERFORMANCE			ELECTRICAL			REFRIGERATION	REFRIGERANT	NOTES		
TAG	AREA SERVED AND MODEL	TYPE & M X H X D	TAG	MODEL	M X H X D	WEIGHT LBS	CAPACITY (TONS) MIN/MAX	SEER	V/PH/Hz	MCA AMP	FPS AMP	LIQUID X V R B	REFRIGERANT	NOTES		
TM-AC-1	GROUND FLOOR BRK	WALL MOUNTED R4-A242L 46 1/4 X 43 7/8 X 16 5/8	TM-OC-1	RTV-A242L 57 1/4 X 37 1/8 X 66 1/8	51	10000	24000	14.2	216	100-250/1/60	22	25	3/8 X 5/8	R464B	1 TO 5	
NOTES																
1 PROVIDE DISCONNECT SWITCH																
2 MANUFACTURER PROVIDED WALL MOUNTED WIRED CONTROLLER																
3 PROVIDE LOW AMBIENT WIND BARRIER FOR COOLING OPERATION DOWN TO -40 DEG F																
4 INDOOR UNIT TO RECEIVE POWER FROM OUTDOOR UNIT THROUGH FIELD SUPPLIED INTERCONNECTING WIRING																
5 SPECIAL WALL MOUNTED OUTDOOR UNIT PROVIDE WITH WALL BRACKET																

EXHAUST FAN SCHEDULE										
BASED ON LOREN COOL										
	AREA SERVED	TYPE	STATUS PRESS IN (MG)	FAN RPM	ELECTRICAL VOLTS/1/3	MOTOR HP	ENCLOSURE	NOVEL	DANGER ACTUATOR VOLTAGE	NOTES
ITEM#1	GROUND FLOOR	PACKAGED WALL FAN	Q71	Q135	115/1	1/4	OPENENC	1733	120V-EC	115 V SHUTTER 1.2.3













NOTES

1. DRIVE DRIVE PACKAGED WALL FAN PROVIDE WITH DISCONNECT SHUTTER AND BRANDED METAL SHUTTER GUARD WITH NEED SCREEN
2. PROVIDE WITH TEMPERATURE CONTROLLER LOREN COOL NOVEL 173C AND WAPAC 100 AS BALANCE 1/2 (VAPAC PROVIDE 100W WITH SHUTOUT TRANSDUCER) INTERLOCK WITH THE EXHAUST FAN AND THE CO. UNCONTROLLED DANGER CONTRACTOR TO PROVIDE ALL REQUIRED DEVICES AND INTERLOCK WIRING
3. INTERLOCK WITH CONTRACTOR PROVIDE REFRIGERANT LEAK DETECTOR LEAK DETECTOR SHALL BE EQUIVALENT TO BACHARACH VOS-400 SERIES COPYRIGHT EXACT LOCATION IN FIELD

DEMOLITION LEGEND	
SYMBOL	DESCRIPTION
	EXISTING EQUIPMENT TO BE REMOVED
	EXISTING PIPING OR EQUIPMENT TO BE REMOVED
	EXISTING EQUIPMENT TO BE RETAINED
	EXISTING PIPING OR EQUIPMENT TO BE RETAINED
PLAN DEMOLITION NOTES	
1	EXISTING DUCTLESS SHUT SYSTEM TO BE DISCONNECTED AND REMOVE EXISTING DUCTLESS SHUT SYSTEM, DISCONNECT AND REMOVE EXISTING REGENERATION PIPING AND PIPING INSULATION, REMOVE EXISTING REGENERATION PIPING PRIOR TO DISCONNECTING DISCHARGE RECOVERED REFRIGERANT IN ACCORDANCE WITH THE EPA REQUIREMENTS.
2	EXISTING CONDENSER PUMP DRAIN PIPING TO BE REMOVED.
3	EXISTING CONDENSER PUMP DRAIN PIPING TO BE REMOVED AND REPLACED.
4	EXISTING REFRIGERATION PIPING AND INSULATION TO BE REMOVED AND REPLACED.
5	EXISTING ELECTRIC UNIT HEATER TO BE REPLACED WITH NEW ELECTRIC UNIT HEATER. EXISTING UNIT HEATER TO REMAIN.
6	EXISTING WALL MOUNTED THERMOSTAT TO BE REPLACED.
7	EXISTING WALL MOUNTED WIRELESS DUCTLESS SHUT SYSTEM CONTROLLER TO BE REMOVED.
8	EXISTING WALL MOUNTED AIR CONDITIONER TO BE REMOVED. EXISTING OPENING TO BE RESELED.

[illegible]

ELECTRIC UNIT HEATER SCHEDULE							
TAG	LOCATION	HEATING CAPACITY	ELECTRICAL DATA	CONTROL	BASED ON MAKE		
		TON	VOLTS	PHASE	A	WATT	NOTES
THEHEAT	GROUND FLOOR	650	330V	3PH 3W	36/42	24	M-10-C-1 1, 2, 3, 4
NOTES 1. PROVIDE WITH FACTORY INSTALLED 24V CONTROL TRANSFORMER 2. PROVIDE WITH TOTAL CABLE DIAMETER MEASURED FROM CENTER OF ELEMENTS TO CENTER OF ELEMENTS 3. PROVIDE WITH WALL MOUNTED THERMOSTAT 4. PROVIDE DISCONNECT SWITCH							

SYMBOL LEGEND	
NOT ALL SYMBOLS ARE USED!	
	REFERENCE NUMBER INDICATES NOTE
	EXISTING PIPING OR EQUIPMENT
	EXISTING PIPING OR EQUIPMENT
	NEW PIPING OR EQUIPMENT
	POINT OF CONNECTION
	TRANSITION
	MOTORIZED DAMPER
	FIRE DAMPER
	FIRE DAMPER WITH ACCESS DOOR
	THERMOSTAT/SENSOR
	Pipe Elbow, Turned 90°
	Pipe Coupling (CONT.)

ABBREVIATIONS	
NOT ALL SYMBOLS ARE USED	
AC-#	INDOOR AIR CONDITIONING UNIT
AD	ACCESS DOOR
AF	ABOVE FINISHED FLOOR
CAP	CAPACITY
CFM	CUBIC FEET PER MINUTE
CUH	CABINET UNIT - HEATER
DB	DRY BULB
DD	DIRECT DRIVE
EF-#	EXHAUST FAN
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EMR	ELECTRIC MACHINE ROOM
ELH-#	ELECTRIC UNIT - HEATER
EX	EXHAUST
EX	EXHAUST
F	DEGREES FAHRENHEIT
FD	FIRE DRAIN
FLA	FLA FULL LOAD AMPERES
FT	FEET
GC	GENERAL CONTRACTOR
HP	HORSEPOWER
HTG	HEATING
IN	INCHES
KW	KILOWATT
LAT	LEAVING AIR TEMPERATURE
MBH	1000 BTUS
MCA	MINIMUM CIRCUIT AMPACITY
MD	MOTORIZED DAMPER
MFS	MAXIMUM FUSE SIZE
MN	MINIMUM
OA	OUTSIDE AIR
OAT	OUTDOOR AIR TEMPERATURE
PH	PHASE
RM	ROOM
RPV	REVOLUTIONS PER MINUTE
SP	STATIC PRESSURE
SQ FT	SQUARE FOOT (AREA)
ST	SINGLE POLE SWITCH
SWR	WATER/VAL OVERLOAD
T	TEMPERATURE
TD	TEMPERATURE DIFFERENCE
TEMP	TEMPERATURE
TOT	TOTAL
TP	TYPICAL
W/	WITH
WB	WET BULB
WWS	WIRE MESH SCREEN
WT	WEIGHT (LBS)

[illegible]

DRAWING NO.		TM-M-1		SCALE: AS NOTED		DATE: JULY 2015		PROJECT NO. 28-2017R6-2		NHPA NO. 21-011	
REVISIONS		NO.		DATE		BY		CHD		AMG	
DRAWING TITLE		TEMPLE MEDICAL		GROUND FLOOR ENR		PLANS		DESIGN		AMG	
DESIGNED BY		AMG		RFB		CHKD		AMG		RFB	

ELEVATOR & ESCALATOR MODERNIZATION AND SERVICE AT THE

NEW HAVEN PARKING AUTHORITY FACILITIES

NEW HAVEN, CONNECTICUT

SILVER / PETRUCELLI + ASSOCIATES
Architects and Engineers



3190 Whitney Avenue, Hamden, CT 06518-2340
Tel. 203 230 9007 Fax. 203 230 8247
silverpetrucci.com

Copyright © 2020 Drawing. All rights reserved. No part of these documents may be reproduced in any form or by any means without written permission from Derron, Inc.