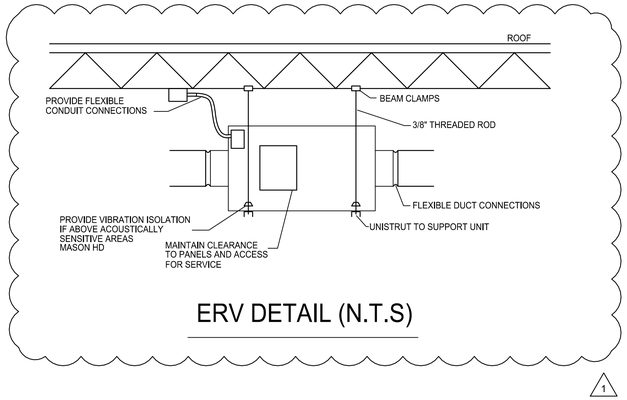
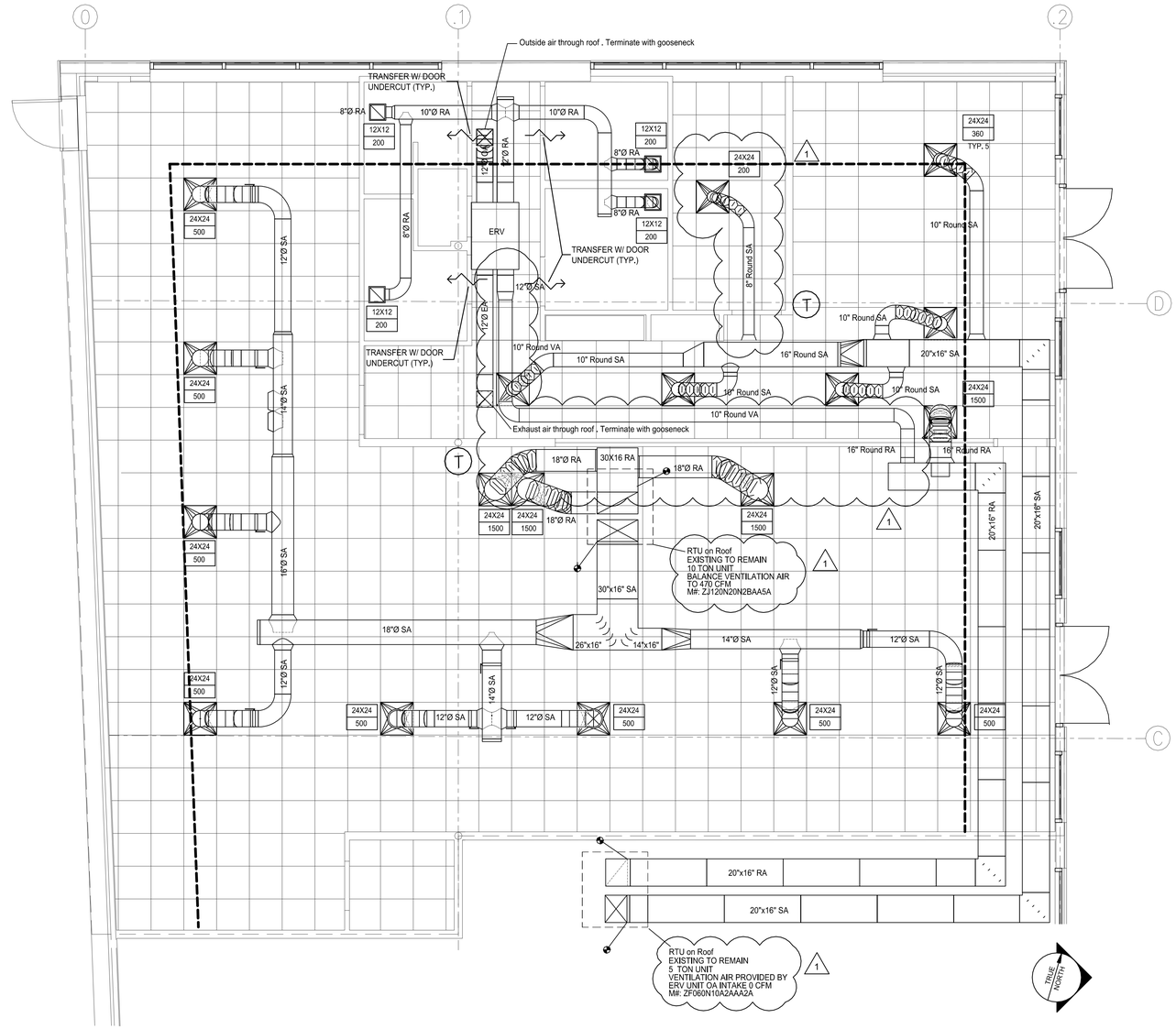


ERV DETAIL (N.T.S)

1



ENERGY RECOVERY VENTILATOR SCHEDULE (ERV)

TAG	DESCRIPTION	SUPPLY/VENTILATION AIR				EXHAUST/RETURN AIR				EFFECTIVENESS		ELECTRICAL DATA					INSTALLED WEIGHT (LBS)	MANUFACTURER & MODEL	NOTES
		AIRFLOW (CFM)	MOTOR HP	SPEED	ESP (IN WC)	AIRFLOW (CFM)	MOTOR HP	SPEED	ESP (IN WC)	WINTER	SUMMER	VOLTS	PH	HZ	MCA	MOP			
ERV-1	BATHROOMS/SHOWERS	500	0.75	ECM	0.75	500	0.75	ECM	0.75	72%	63%	208	1	60	11.5	15	350	RENEWAIRE HE1XINH	ALL

NOTES:

1. PROVIDE UNIT STATIC PLATE TYPE HEAT & HUMIDITY TRANSFER MEDIA. PROVIDE IN INTERIOR HORIZONTAL CONFIGURATION
2. PROVIDE WITH MOTORIZED DAMPERS FOR BOTH AIRSTREAMS
3. PROVIDE WITH ELECTRIC DUCT COIL AND DISCHARGE AIR TEMP CONTROL
4. PROVIDE TIMECLOCK FOR ON/OFF OPERATION. ADJUSTABLE BY OWNER
3. PROVIDE STANDARD MERV 8 FILTERS WITH UNIT.

JOHNSON & JORDAN
MECHANICAL CONTRACTORS
18 MUSSEY ROAD
SCARBOROUGH, ME 04074
TEL. (207) 883-8345

Date: 12/13/16

STATE OF MAINE JACOB R. MARTIN No. 12013 LICENSED PROFESSIONAL ENGINEER

KEY NOTES:

REV.	DESCRIPTION	DATE
1	PLAN REVIEW COMMENTS	10-13-16

ISSUE STATUS: ISSUED FOR CONSTRUCTION 10-7-16

PROJECT: ORANGE THEORY FITNESS CENTER
PORTLAND, MAINE

SHEET TITLE: DUCTWORK PLAN

DATE: 8-24-16		PROJECT# U51601
DRAWN: SRH	CHECKED: ---	SCALE: 1/4"=1'-0"

SHEET # M1.0