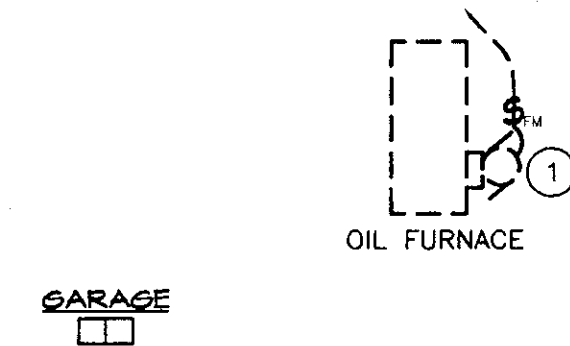


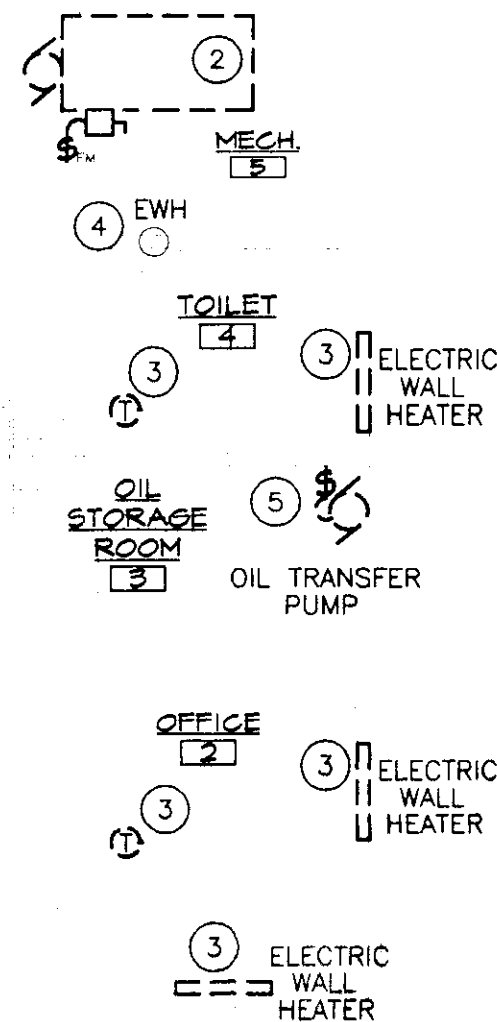
<E> EF 7

<E> EDP
<E> XFER 6
<E> MDP

<E> GT 6



GARAGE



KEYED NOTES:

- REMOVE ALL WIRING & ASSOCIATED CONTROLS FOR EXISTING OIL FURNACE.
- REMOVE ALL WIRING & ASSOCIATED CONTROLS FOR EXISTING WOOD FURNACE INCLUDING PUMPS & CONTROLS FOR DOMESTIC STORAGE WATER HEATER.
- REMOVE EXISTING ELECTRIC HEATER, CONDUIT, & J-BOX BACK TO SOURCE.
- EXISTING ELECTRIC WATER HEATER ON THE MEZZANINE TO REMAIN.
- REMOVE ALL WIRING & ASSOCIATED CONTROLS FOR OIL TRANSFER PUMPS.
- REMOVE ALL BREAKERS FOR CIRCUITS THAT NO LONGER EXIST. USE SPACES FOR NEW CIRCUITS AS DESCRIBED. REUSE CENTRAN BREAKERS FOR NEW CIRCUITS AS DESCRIBED.
- REWIRE EXISTING EXHAUST FAN, REUSE EXISTING CIRCUIT, REFER TO NEW ELECTRICAL PLAN.

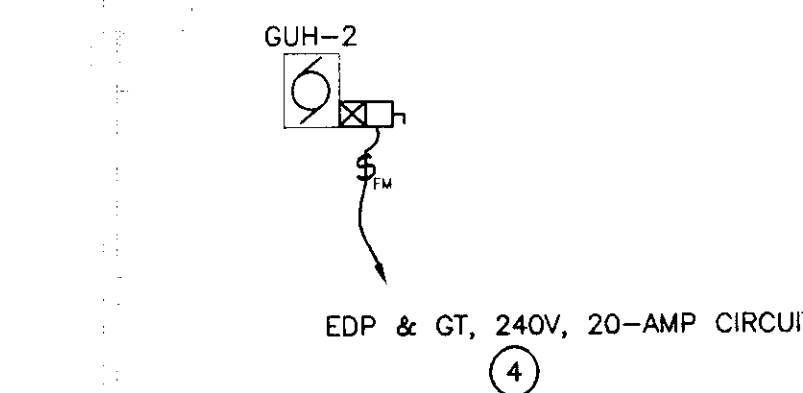
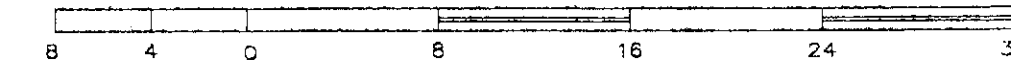
DEMOLITION NOTES:

- EQUIPMENT AND MATERIALS REMOVED OR DEMOLISHED AND NOT TO BE REINSTALLED BY THE EC SHALL BE CLASSIFIED BY THE OWNER AS SALVAGE OR SCRAP. THOSE CLAIMED BY THE OWNER SHALL BE DELIVERED TO THE OWNER BY THE EC WHERE DIRECTED AT THE SITE. THOSE NOT CLAIMED BY THE OWNER SHALL BECOME PROPERTY OF THE EC AND SHALL BE LEGALLY REMOVED FROM THE SITE AND PREMISES.
- ANY PLACE WHERE THE CONTRACTOR PENETRATES, CUTS AND/OR REMOVES WALLS, CONTRACTOR IS TO REPLACE, PATCH AND PAINT WALLS TO ORIGINAL FINISHES.
- FIELD VERIFY ALL DIMENSIONS BEFORE COMMENCEMENT OF WORK. NOTIFY ENGINEER OF ANY ERRORS.
- REFER TO THE MECHANICAL PLANS FOR EXTENT OF DEMOLITION WORK TO BE PERFORMED BY OTHER CONTRACTORS. ALL ITEMS THAT NEED TO BE REMOVED, SHALL HAVE THE POWER DISCONNECTED BY THE EC.
- NOT ALL DEVICES TO BE REMOVED OR DISCONNECTED ARE SHOWN. REFER TO MECH. PLANS FOR TOTAL EXTENT OF DEMOLITION WORK.
- BUILDING IS EXISTING. WIRING IN EXTERIOR WALLS SHALL BE FISHED OR SURFACE-MOUNTED AS NECESSARY. INTERIOR PARTITIONS ARE EXISTING. WIRING IN THESE WALLS MAY NEED TO BE FISHED. VISIT THE SITE FOR FULL EXTENT OF EXISTING CONDITIONS. NO SURFACE RACEWAY TO BE INSTALLED WITHOUT WRITTEN AUTHORIZATION FROM ARCHITECT.

ELECTRICAL DEMOLITION PLAN

SCALE: 1/8" = 1'-0"

HORIZONTAL SCALE IN FEET



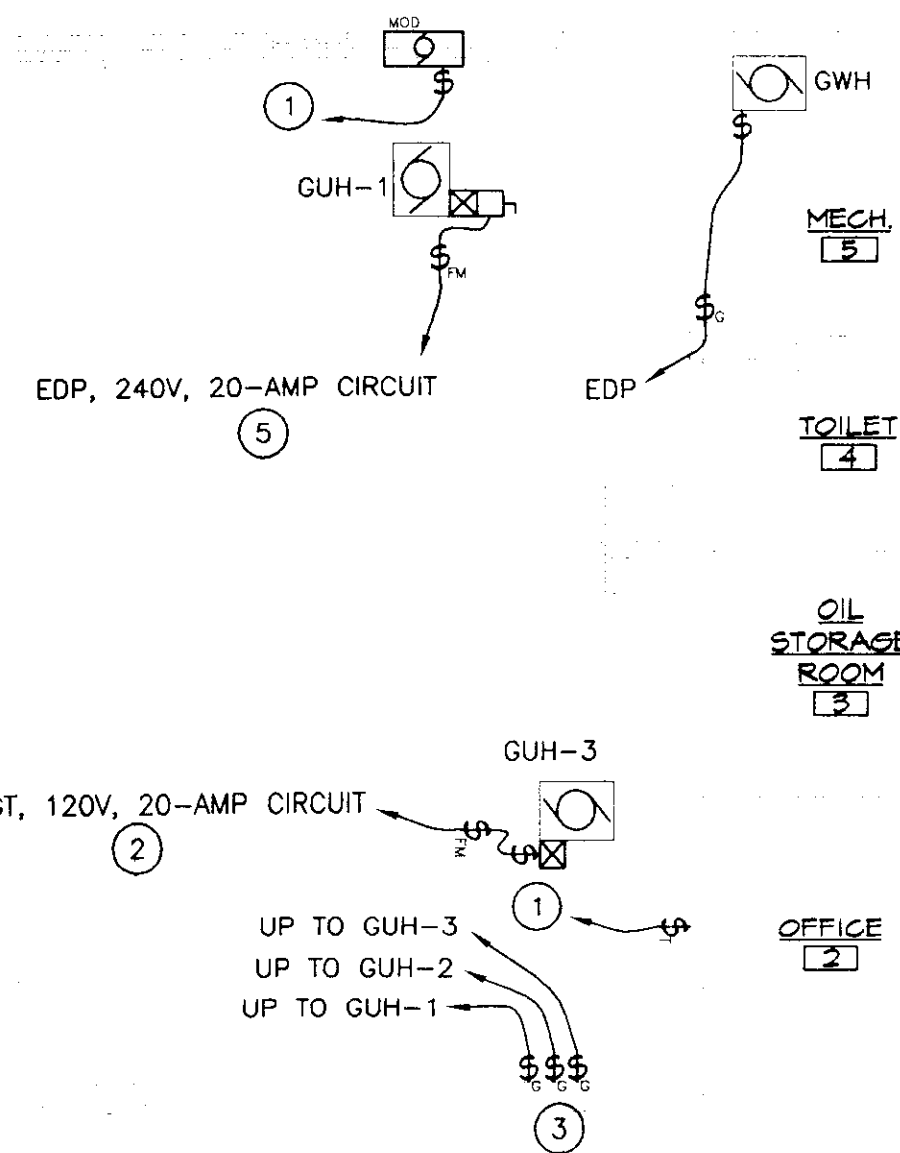
EDP & GT, 240V, 20-AMP CIRCUIT

<E> EF 1

<E> EDP
<E> XFER
<E> MDP

<E> GT

GARAGE



EDP, 240V, 20-AMP CIRCUIT

EDP & GT, 120V, 20-AMP CIRCUIT

UP TO GUH-3
UP TO GUH-2
UP TO GUH-1

KEYED NOTES:

- TIMER SWITCH PROVIDED BY MC, INSTALLED & WIRED BY EC. TIMER SWITCH SHALL OPEN MOTORIZED DAMPER. EXHAUST FAN MOTOR STARTER/CONTACTOR COIL SHALL BE WIRED TO THE END SWITCH ON THE MOTORIZED DAMPER, TO OPERATE ONLY WHEN THE DAMPER IS OPEN. ALL LINE VOLTAGE WIRING BY EC. REUSE SAME EXISTING CIRCUIT.
- PANEL EDP IS A SQUARE D NOOB PANEL. PROVIDE NEW 20A, SINGLE-POLE BREAKER FOR NEW GAS UNIT HEATER #3. USE SPACE LEFT OPEN FROM REMOVED OIL FURNACE. REUSE CENTRAN CIRCUIT FROM REMOVED OIL FURNACE.
- PROVIDE EMERGENCY SHUT-OFF SWITCHES FOR EACH GAS HEATER, SWITCH SHALL HAVE RED "GAS" PLATE. USE 2-POLE SWITCHES FOR 240V UNITS.
- PROVIDE NEW 20A, 2-POLE BREAKER FOR NEW GAS UNIT HEATER #2. USE SPACE LEFT OPEN FROM REMOVED WOOD FURNACE. REUSE CENTRAN CIRCUIT FROM REMOVED WOOD FURNACE.
- PROVIDE NEW 20A, 2-POLE BREAKER FOR NEW GAS UNIT HEATER #1. THIS UNIT WILL NOT BE CONNECTED TO THE CENTRAN.

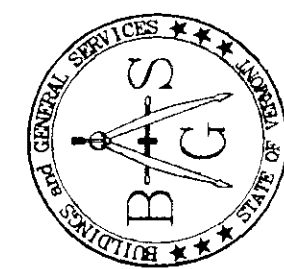
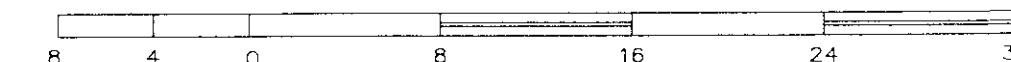
ELECTRICAL LEGEND

| | | | |
|-----------------|--|------|-------------------------------------|
| \$ | SWITCH - SINGLE POLE | TYP. | TYPICAL OF ALL |
| \$ _v | SWITCH - FIREMATIC | <E> | EXISTING TO REMAIN |
| \$ _c | EMERGENCY SHUT-OFF SWITCH WITH RED PLATE | EC | ELECTRICAL CONTRACTOR (DIVISION 16) |
| \$ _s | SWITCH - FAN SPEED CONTROLLER | MC | MECHANICAL CONTRACTOR (DIVISION 15) |
| \$ _t | TIMER SWITCH - PROVIDED BY MC | MOD | MOTOR-OPERATED-DAMPER |
| ⊗ | MOTOR STARTER PROV. BY MC, INSTALLED BY EC | ⊙ | MOTOR |
| □ | SAFETY DISCONNECT PROV. AND INSTALLED BY EC. | □ | ITEMS TO BE REMOVED |
| ▨ | PANEL | | |
| → | BRANCH CIRCUIT | | |
| □ _B | JUNCTION BOX | | |
| Ⓣ | THERMOSTAT, PROVIDED & WIRED BY MC | | |

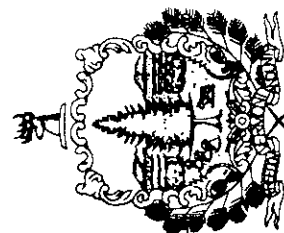
NEW ELECTRICAL PLAN

SCALE: 1/8" = 1'-0"

HORIZONTAL SCALE IN FEET



STATE OF VERMONT
Department of Buildings
and General Services
Agency of Administration
Montpelier, Vermont



Pearson & Associates
MECHANICAL & ELECTRICAL ENGINEERS
P.O. BOX 610 STOWE, VERMONT 05672-0610
TEL. (802) 253-9807 FAX. (802) 253-9290
EMAIL: pearson@stowervt.net



AGENCY OF TRANSPORTATION
CAMBRIDGE MAINTENANCE
GARAGE HEATING RENOVATIONS
CAMBRIDGE VERMONT

| REVISIONS |
|-----------|
| |

| | | | |
|-----------------|-----------------|---------------|---------------|
| SCALE: AS SHOWN | DATE: JULY 2005 | DRAWN BY: ASG | APPR. BY: EEP |
|-----------------|-----------------|---------------|---------------|

AGENCY OF TRANSPORTATION
GARAGE & OFFICES
ELECTRICAL DEMO PLAN

