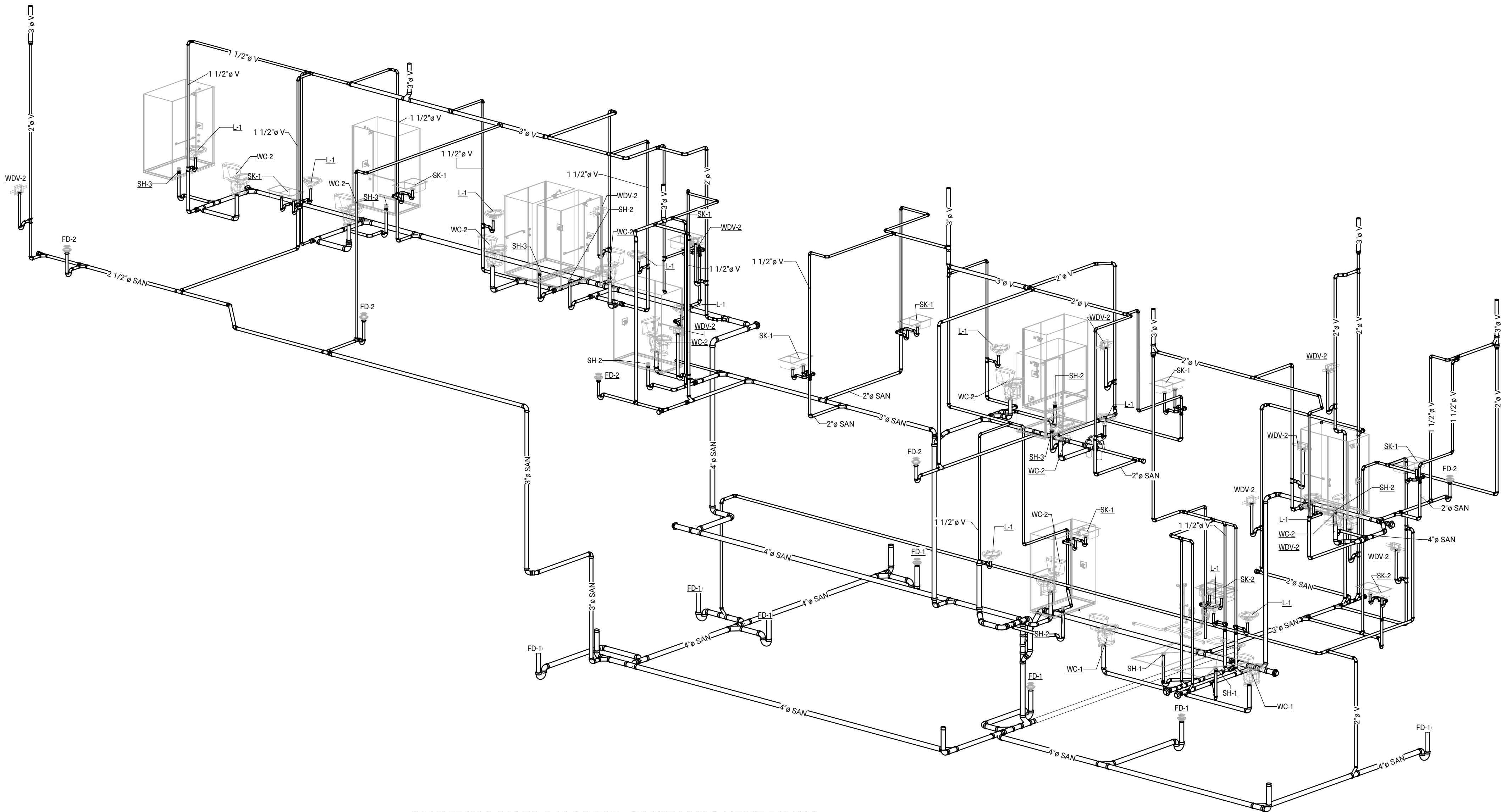
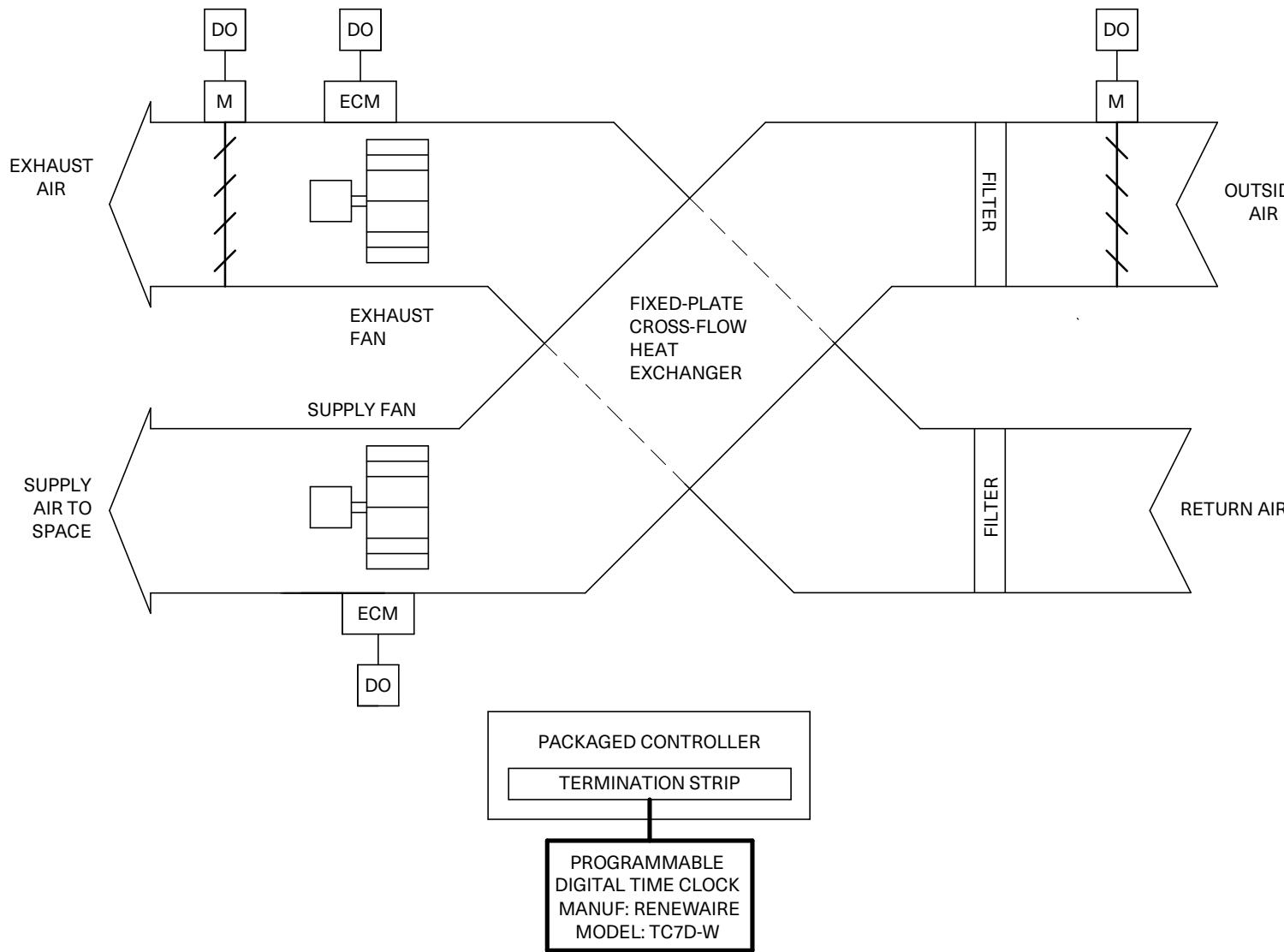


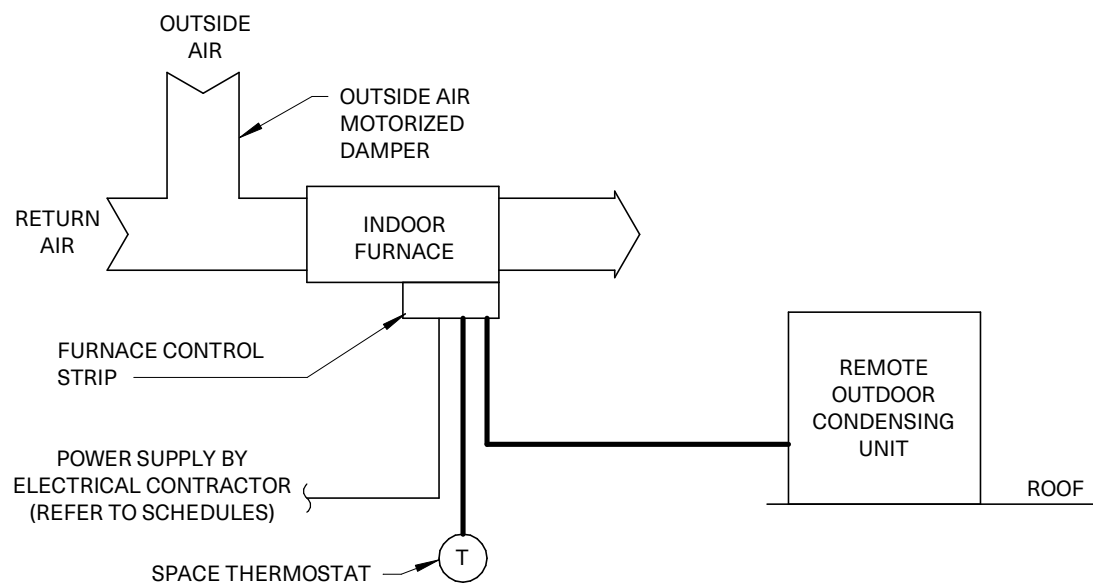


PLUMBING RISER DIAGRAM - SANITARY & VENT PIPING
NO SCALE



ERV CONTROL & FIELD WIRING

- GENERAL NOTES:
- TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE COMPONENTS AND WIRING INDICATED WITH HEAVY LINE WEIGHT. COORDINATE WITH PURCHASED MANUFACTURE FOR EXACT WIRING REQUIREMENTS.
 - ERV SHALL INCLUDE PACKAGED CONTROLS. THE PACKAGED ERV CONTROLS SHALL AT A MINIMUM MEET ALL REQUIREMENTS LISTED IN THE SEQUENCE OF OPERATION.
 - ERV CONTROLLER SHALL BE FACTORY PROGRAMMED, MOUNTED AND TESTED. CONTROLLER SHALL HAVE A LCD READOUT FOR CHANGING SET POINTS AND MONITORING UNIT OPERATION.
 - REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF DEVICES.
- ERV SEQUENCE OF OPERATION:
- ERV SHALL HAVE START/STOP CAPABILITY FROM THE PROGRAMMABLE DIGITAL TIME CLOCK.
 - ERV TO OPERATE BASED ON TIME SCHEDULED OCCUPIED MODE AND UNOCCUPIED CYCLE MODE.
 - WHEN THE ERV IS ACTIVATED FOR OCCUPIED MODE, CONTROLS SHALL ACTIVATE THE SUPPLY AND EXHAUST FANS.
 - DURING UNOCCUPIED MODE, THE SUPPLY AND EXHAUST FAN SHALL REMAIN OFF.



SPLIT SYSTEM FURNACE AND AIR CONDITIONER FIELD WIRING & CONTROL

- NOTES:
- TEMPERATURE CONTROLS CONTRACTOR SHALL PROVIDE COMPONENTS AND WIRING INDICATED WITH HEAVY LINE WEIGHT. COORDINATE WITH PURCHASED MANUFACTURE FOR EXACT WIRING REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE FIELD WIRING BETWEEN INDOOR UNIT CONTROLS AND THE REMOTE CONDENSER. REFER TO MECH FLOOR PLANS FOR LOCATION OF UNITS.
 - CONTRACTOR SHALL COORDINATE WITH MANUFACTURER FOR EXACT TERMINATIONS AND WIRING REQUIREMENTS.
- SEQUENCE OF OPERATION:
- SUPPLY FAN OPERATION SHALL BE BASED ON MAIN THERMOSTAT TIME SCHEDULE AND RUN CONTINUOUSLY IN "AUTO" MODE.
 - GAS FURNACE SHALL CYCLE UPON CALL FOR HEATING AND DELIVER HEATED AIR UNTIL SPACE TEMPERATURE IS SATISFIED. WHEN SPACE TEMPERATURE IS SATISFIED, GAS FURNACE SHALL SHUTOFF.
 - OUTDOOR CONDENSING UNIT SHALL BE ENERGIZED UPON CALL FOR COOLING. THE SYSTEM SHALL DELIVER COOL AIR UNTIL THE SPACE TEMPERATURE IS SATISFIED. WHEN SPACE TEMPERATURE IS SATISFIED, OUTDOOR CONDENSING UNIT SHALL TURN OFF.