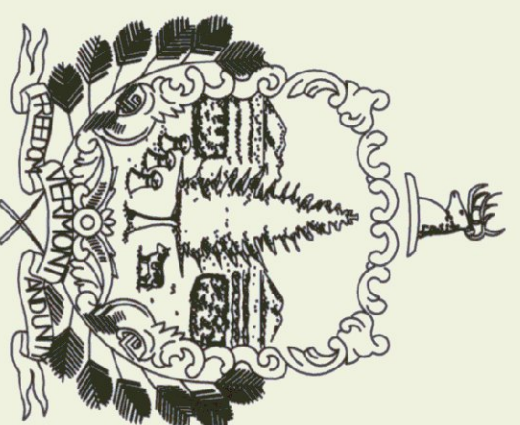


State of Vermont  
Department of Buildings & General Services  
**BERLIN CENTRAL GARAGE**  
Renovations  
Berlin, Vermont

AGENCY OF ADMINISTRATION  
DEPT. OF BUILDINGS & GENERAL SERVICES  
2 GOVERNOR AIKEN AVENUE  
MONTPELIER, VERMONT 05633-5801  
THOMAS W. TORTI, COMMISSIONER

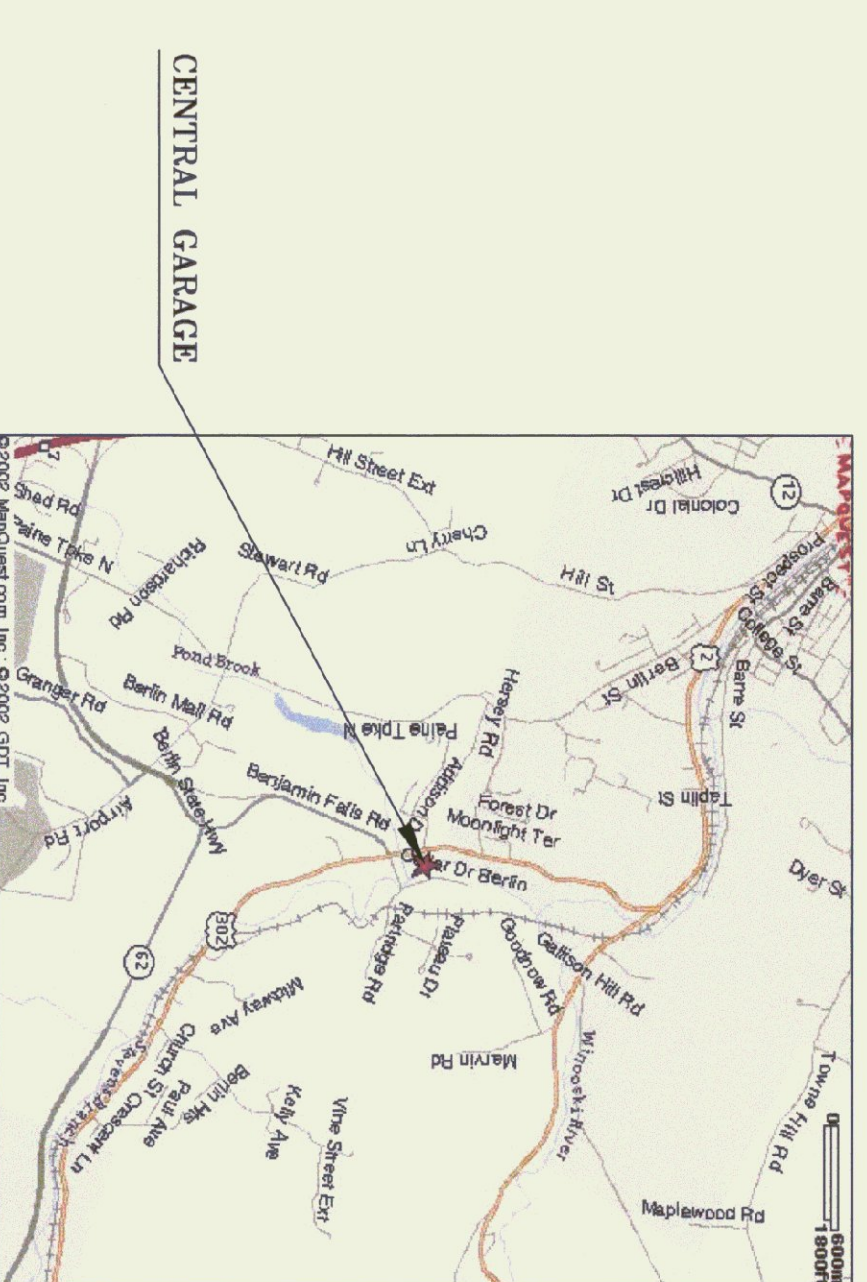


Howard Dean, M.D.  
Governor

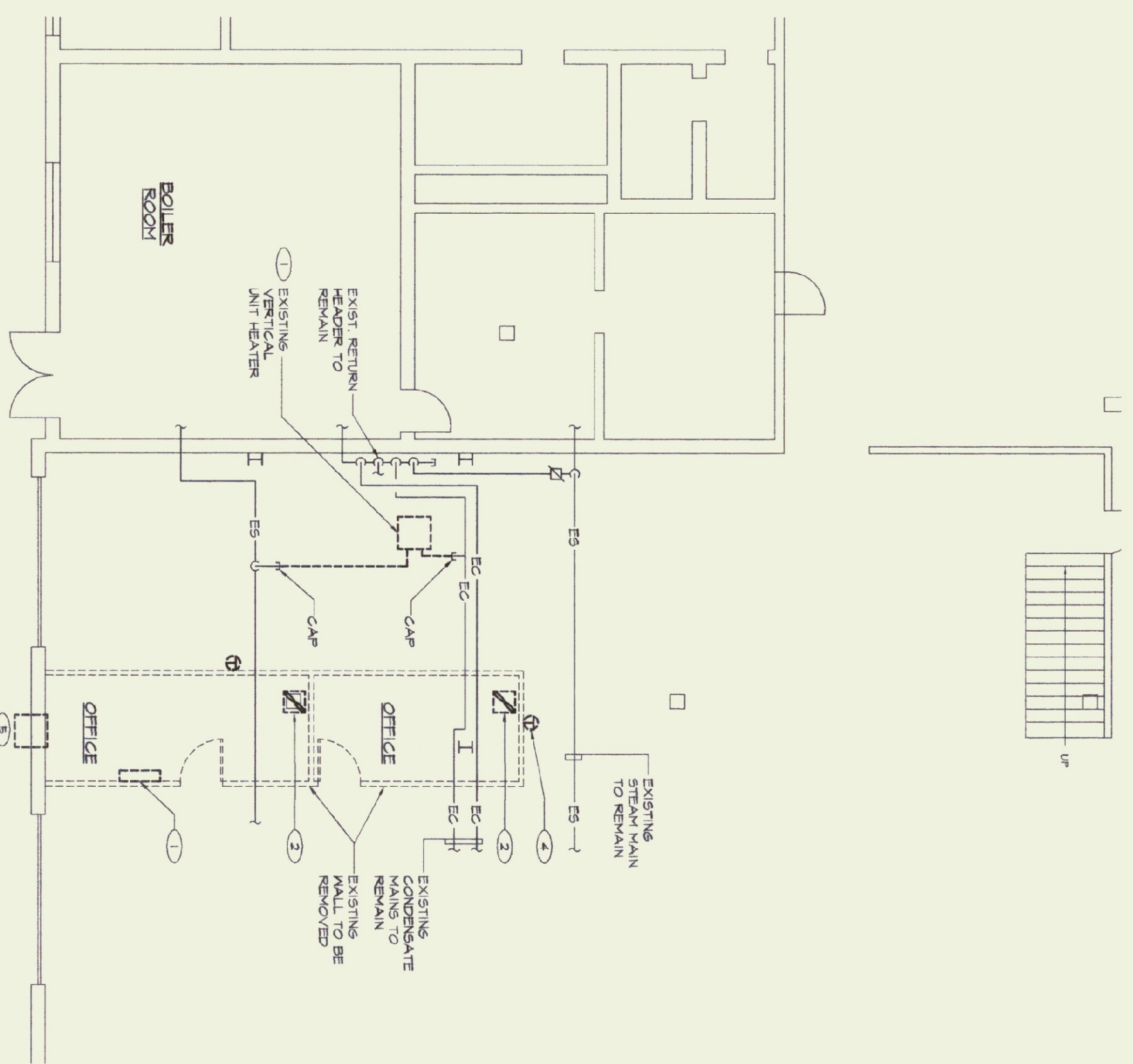
September 2002

- INDEX OF SHEETS
- M-1 PARTIAL MAIN FLOOR – HVAC DEMOLITION
  - M-2 PARTIAL MAIN FLOOR – HVAC NEW WORK
  - M-3 MECHANICAL MATERIAL SPECS. AND DETAILS

AGENCY OF TRANSPORTATION  
NATIONAL LIFE BUILDING  
MONTPELIER, VERMONT 05602  
BRIAN SEARLES, SECRETARY



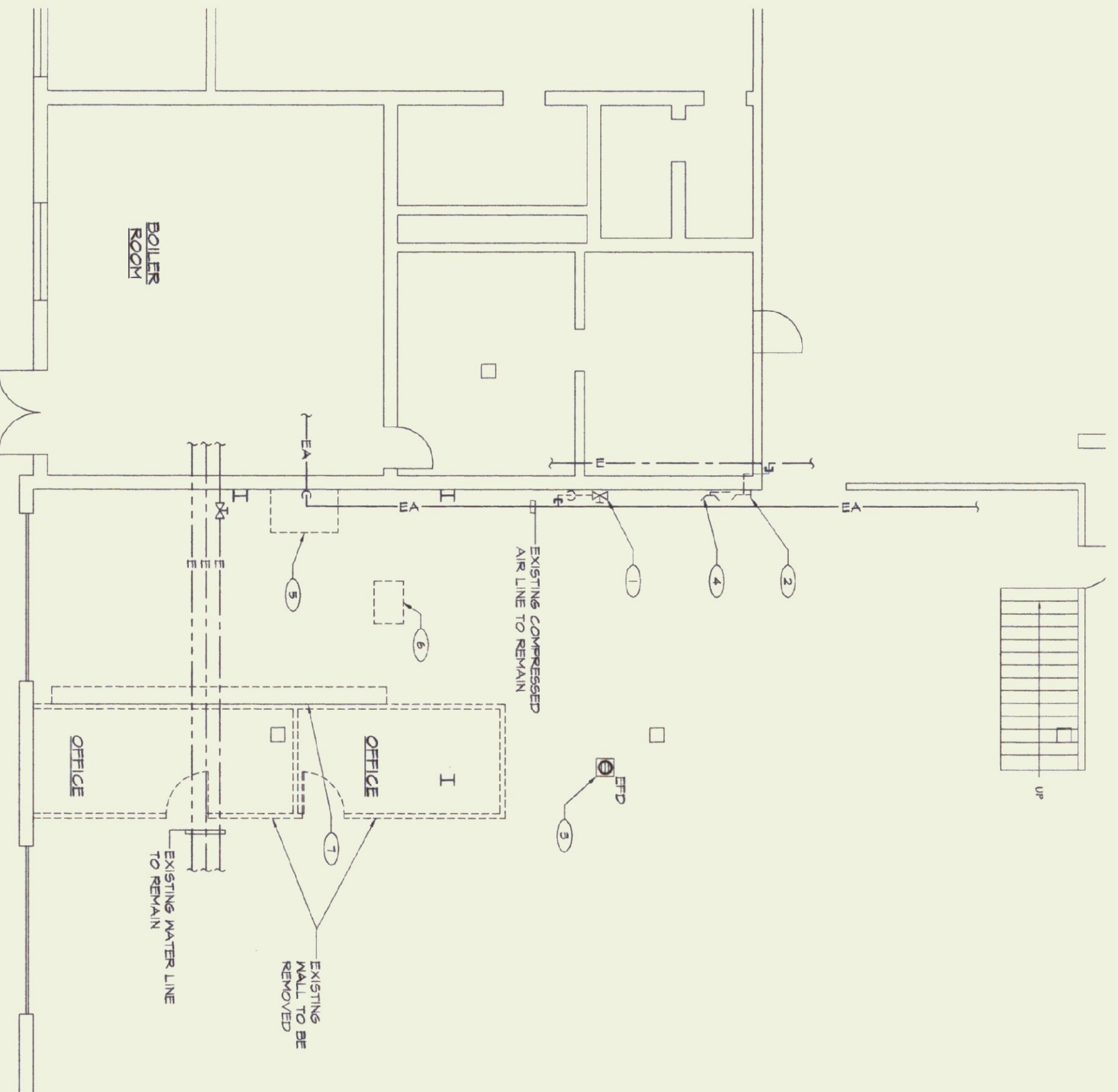
PROJECT LOCATION



PARTIAL MAIN FLOOR PLAN - HVAC DEMOLITION  
SCALE: 1/8"=1'-0"  
DONE BY B. G. S.

HEATING DEMOLITION NOTES:

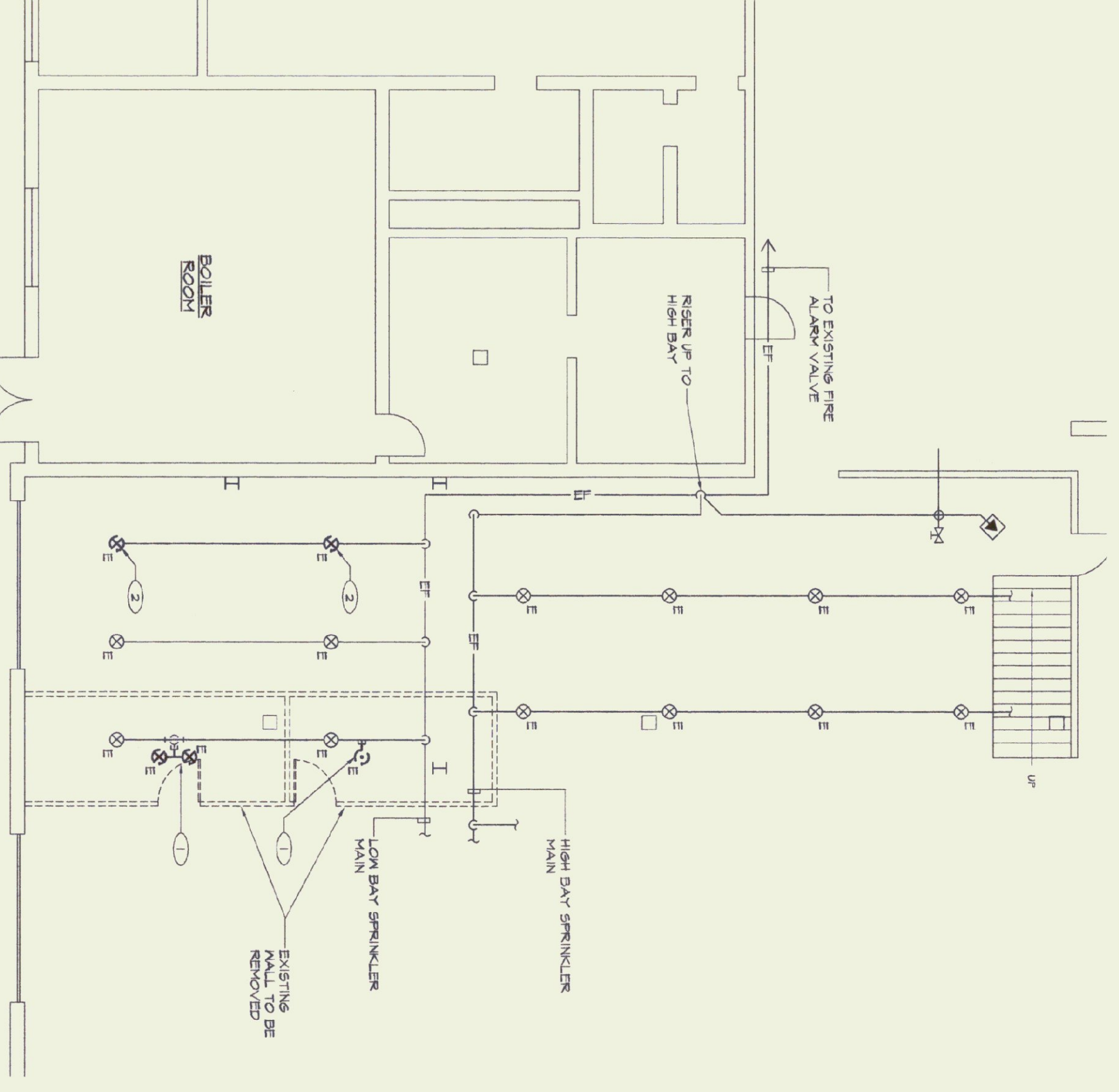
- 1 REMOVE EXISTING ELECTRIC WALL HEATER AND CONTROL S, RELOCATE EXISTING UNIT TO NEW ENTRY CORRIDOR
- 2 REMOVE EXISTING CEILING EXHAUST FAN, CONTROLS AND DUCTWORK
- 3 REMOVE EXISTING UNIT HEATER PIPING AND CONTROLS
- 4 REMOVE AND RELOCATE EXISTING THERMOSTAT
- 5 REMOVE EXISTING WALL A/C UNIT



PARTIAL MAIN FLOOR PLAN - PLUMBING DEMOLITION  
SCALE: 1/8"=1'-0"  
DONE BY A.O.T. INHOUSE - N.I.C.

PLUMBING DEMOLITION NOTES:

- 1 REMOVE EXISTING COMPRESSED AIR DROP, CAP AND VALVE AT ACTIVE MAIN
- 2 REMOVE EXISTING HOSE BIBB, CAP AND VALVE AT ACTIVE MAIN
- 3 REMOVE EXISTING FLOOR DRAIN, CAP WASTE PIPE BELOW SLAB, 9"C. TO PATCH & REPAIR FLOOR
- 4 REMOVE AND RELOCATE EXISTING ETRMASH
- 5 EXISTING LIFT PIT TO BE FILLED IN BY 6"C. OWNER TO REMOVE ALL PIPING, ETC.
- 6 EXISTING LIFT PIT TO BE ABANDONED AND FLOOR FILLED IN BY 6"C. OWNER TO REMOVE ALL PIPING ETC.
- 7 EXISTING TRENCH DRAIN TO BE FILLED IN BY 6"C. CAP ALL PLUMBING AS REQUIRED



PARTIAL MAIN FLOOR PLAN - FIRE PROTECTION DEMOLITION  
SCALE: 1/8"=1'-0"  
DONE BY A.O.T. INHOUSE - N.I.C.

FIRE PROTECTION DEMOLITION NOTES:

- 1 REMOVE EXISTING SPRINKLER HEADS AND BRANCHES
- 2 PIPING CAP AT ACTIVE MAIN
- 3 REMOVE AND RELOCATE EXISTING SPRINKLER HEAD



NO.	ISSUED FOR	DATE
1	BIDDING	6/24/02

**LANE ASSOCIATES**  
CONSULTING P.C.  
ENGINEERS, P.C.

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DANIEL W. DUPRAS, P.E.  
51 KILLINGTON AVENUE  
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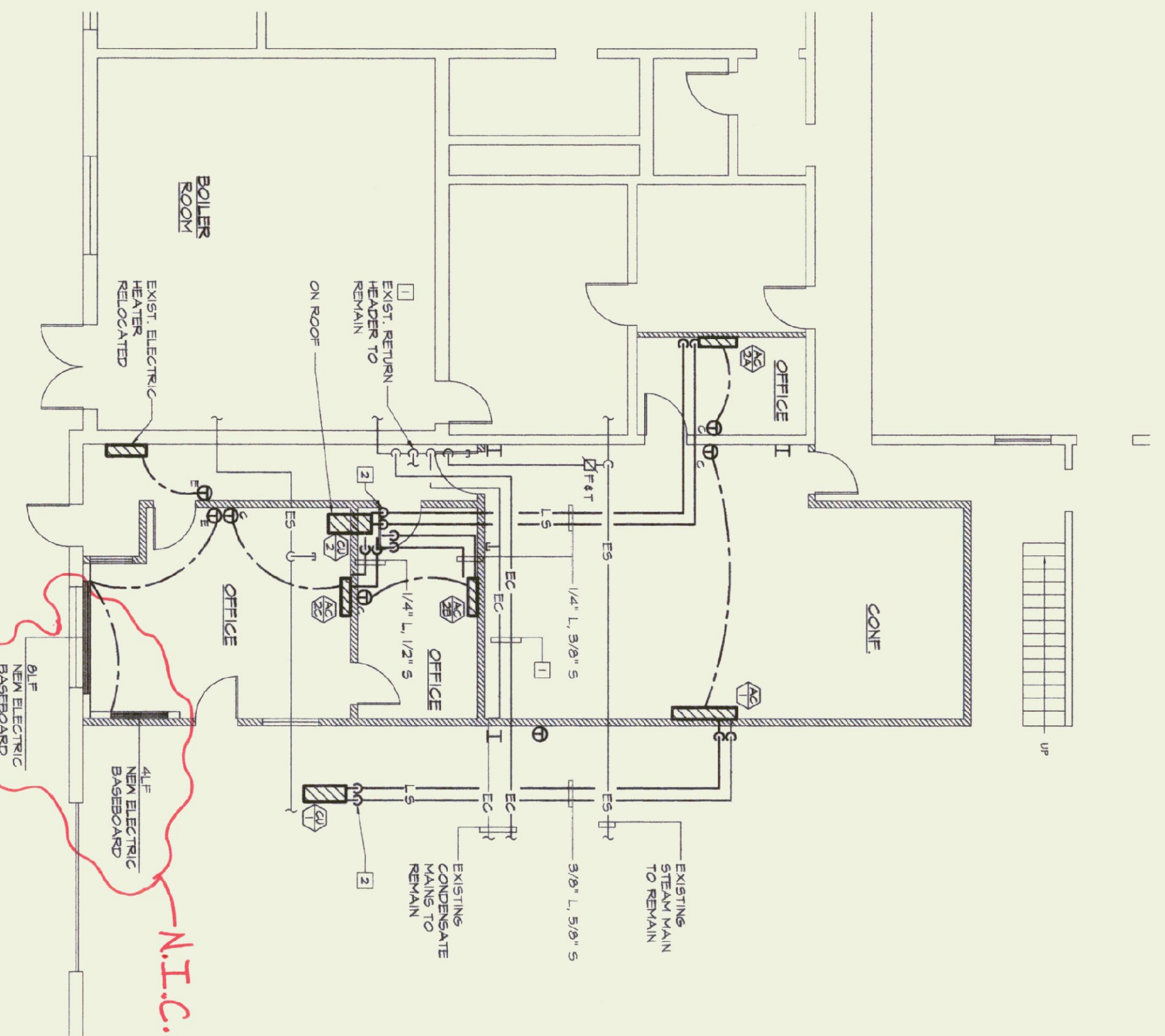
HEATING, VENTILATION, & AIR CONDITIONING,  
PLUMBING, FIRE PROTECTION, & ELECTRICAL

PARTIAL MAIN FLOOR PLAN -  
HVAC, PLUMBING, FIRE PROTECTION DEMOLITION

BERLIN AOT  
RENOVATIONS  
BERLIN, VERMONT

APPR. DWD DRAWN. BWM SCALE: AS NOTED PROJ. NO. 03224

**M**  
**1**



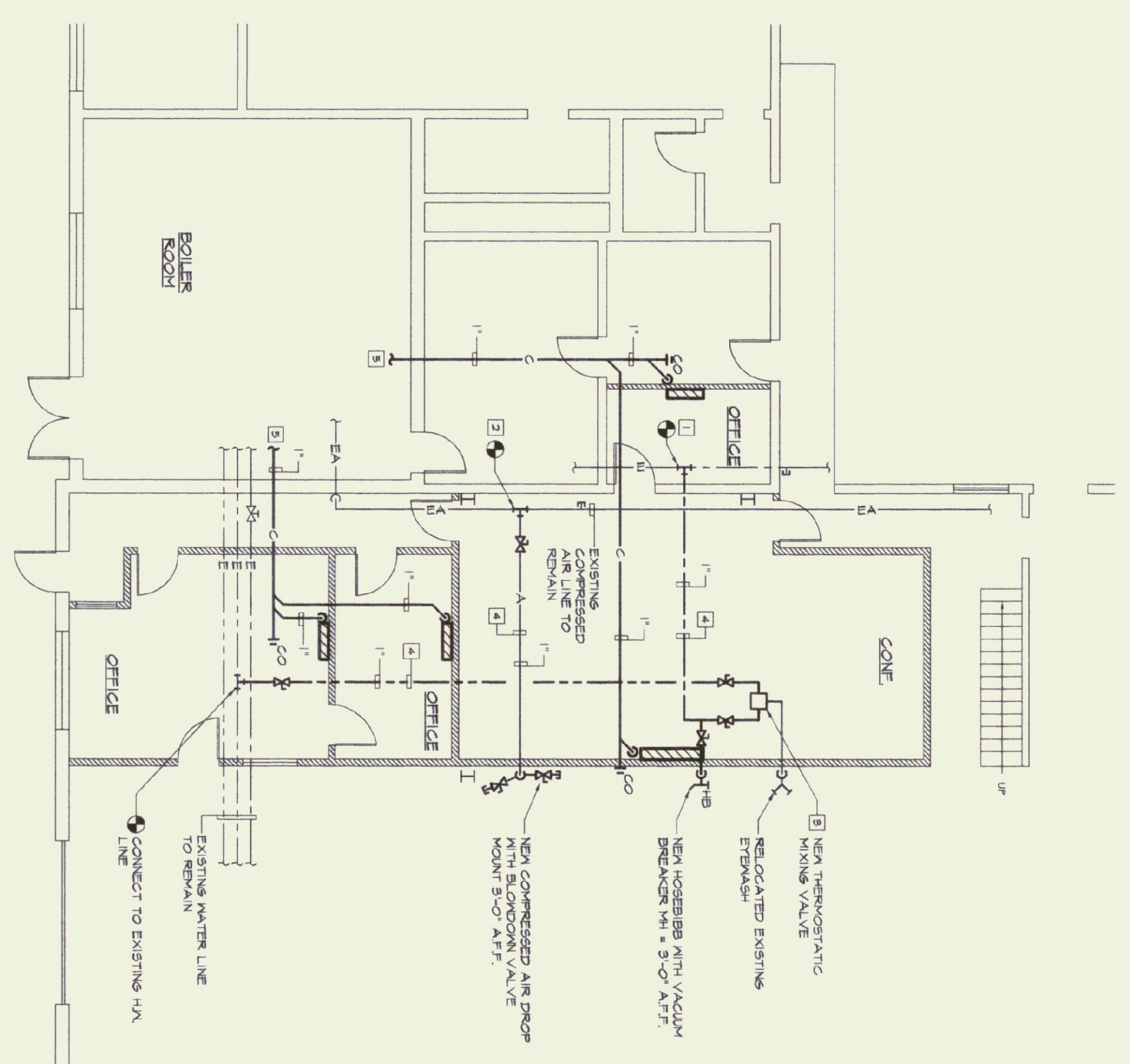
**PARTIAL MAIN FLOOR PLAN - HVAC NEW WORK**  
SCALE: 1/8"=1'-0"  
**DONE BY B.G.S.**

**HEATING DRAWING NOTES:**

- 1 INSULATE EXISTING RETURN HEADER PIPING AND ALL CONDENSATE RETURN PIPING IN THE AREA OF NEW CONSTRUCTION.
- 2 PROVIDE NEW WATER TIGHT ROOF PENETRATION FOR REFRIGERANT LINES.

**MECHANICAL LEGEND**

- L LIQUID REFRIGERANT LINE
- S SUCTION REFRIGERANT LINE
- C CONDENSATE LINE EXISTING
- ⊕ THERMOSTAT COOLING E=20 VAC



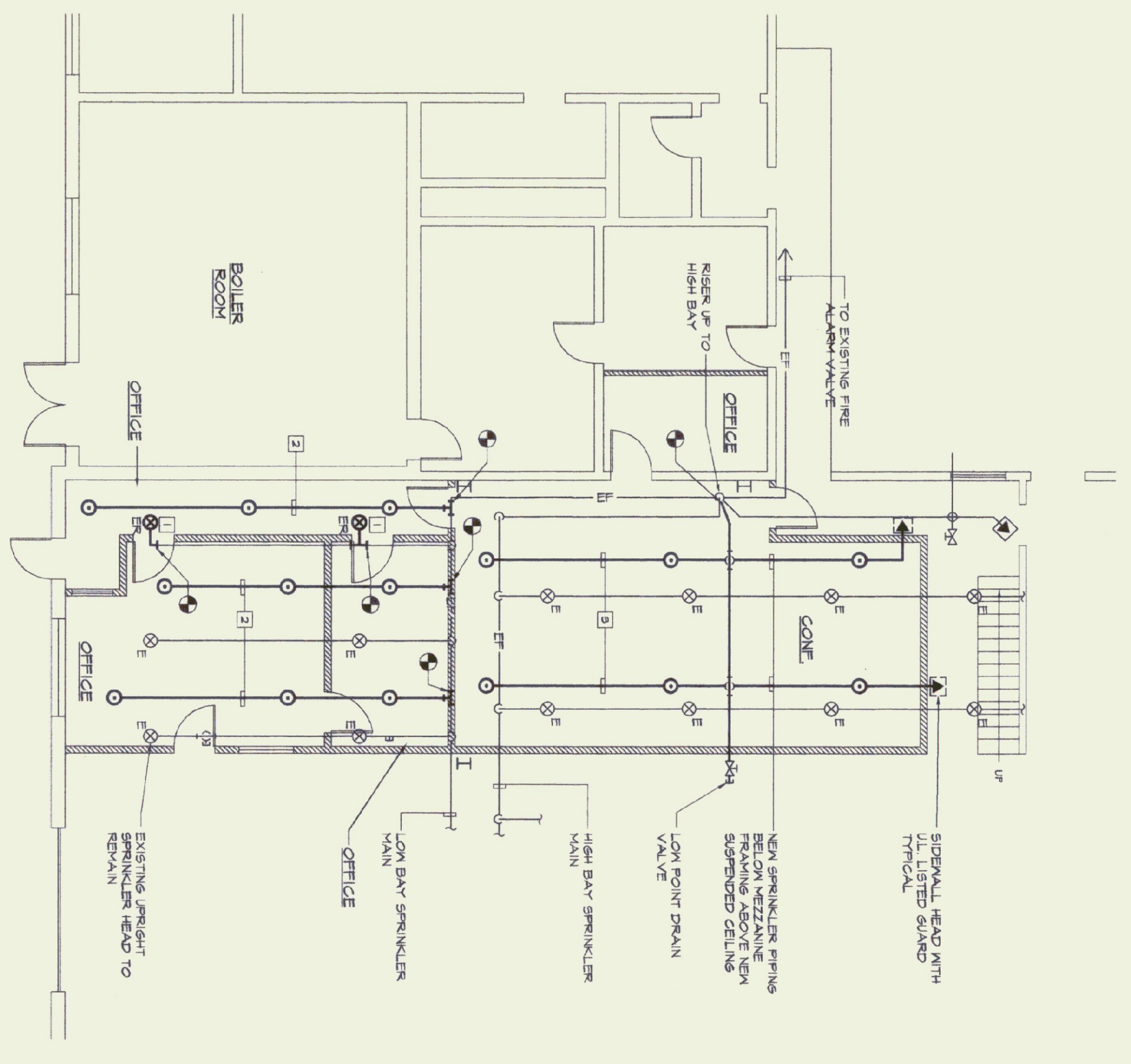
**PARTIAL MAIN FLOOR PLAN - PLUMBING NEW WORK**  
SCALE: 1/8"=1'-0"  
**DONE BY A.O.T. INHOUSE - N.I.C.**

**PLUMBING DRAWING NOTES:**

- 1 CONNECT NEW 1" COLD WATER TO EXISTING WATER MAIN.
- 2 CONNECT NEW 1" COMPRESSED AIR TO EXISTING MAIN.
- 3 MOUNT THERMOSTATIC MIXING VALVE ABOVE FRESHWASH ON WALL.
- 4 RUN NEW LINE THRU NEW SUSPENDED CEILING SPACE.
- 5 PIPE CONDENSATE DRAIN TO FLOOR DRAIN IN BOILER ROOM.

**PLUMBING LEGEND**

- DOMESTIC COLD WATER PIPING, EXISTING
- DOMESTIC HOT WATER PIPING, EXISTING
- DOMESTIC HOT WATER RECIRCULATION PIPING, EXISTING
- COMPRESSED AIR, EXISTING
- HOSE BIBB
- ⊕ BALL VALVE
- ⊕ CONNECT TO EXISTING



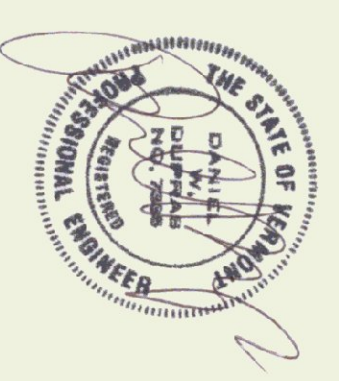
**PARTIAL MAIN FLOOR PLAN - FIRE PROTECTION NEW WORK**  
SCALE: 1/8"=1'-0"  
**DONE BY A.O.T. INHOUSE - N.I.C.**

**FIRE PROTECTION DRAWING NOTES:**

- 1 RELOCATE EXISTING UPRIGHT HEAD AS REQUIRED FOR NEW PARTITION AND TO PROVIDE COVERAGE ABOVE CEILING.
- 2 PROVIDE NEW SPRINKLER BRANCH AND PENDANT HEADS IN NEW SUSPENDED CEILING CONNECT TO EXISTING MAIN.
- 3 NEW SPRINKLER PIPING IN SUSPENDED CEILING SPACE PROVIDE NEW PENDANT SPRINKLER HEADS.

**FIRE PROTECTION LEGEND**

- NEW FIRE PROTECTION PIPING
- EXISTING FIRE PROTECTION PIPING
- PENDANT HEAD
- ⊗ UPRIGHT HEAD, EXISTING RELOCATED
- ▶ SIDEWALL HEAD
- ⊕ CONNECT TO EXISTING



NO.	ISSUED FOR	DATE
1	BIDDING	6/24/02

**DLANE ASSOCIATES**  
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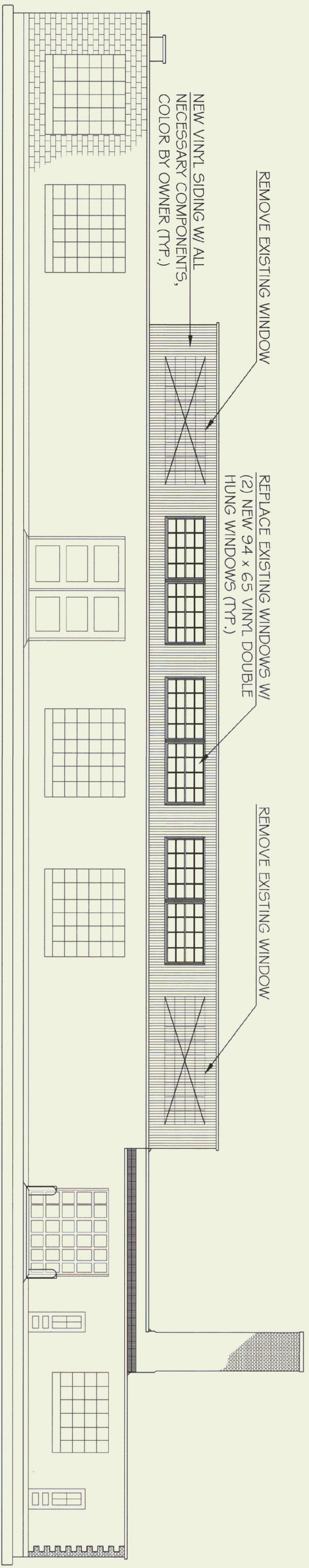
**PARTIAL MAIN FLOOR PLAN - HVAC, PLUMBING, FIRE PROTECTION NEW WORK**

**BERLIN AOT RENOVATIONS BERLIN, VERMONT**

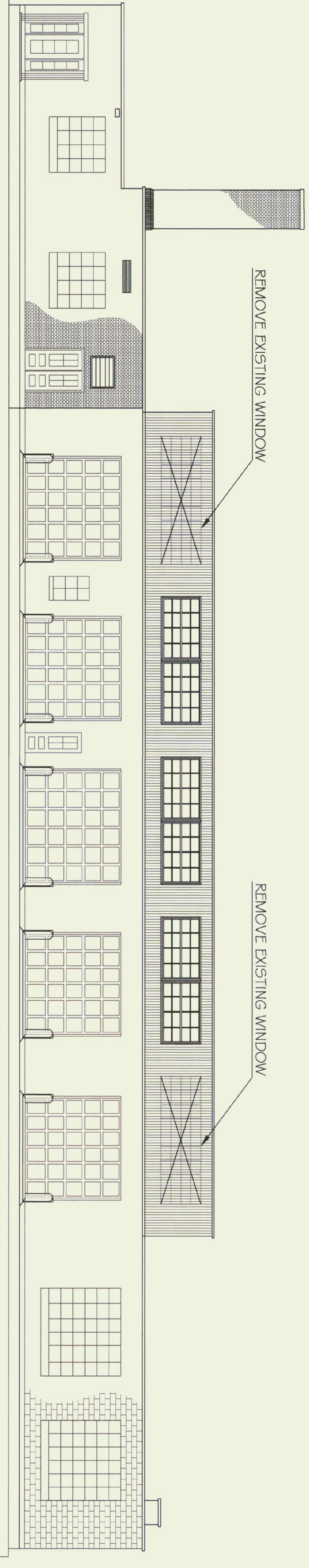
**M 2**

APPR.	DVD	DRAWN:	EMV	SCALE:	AS NOTED	PROJ. NO.
						03204

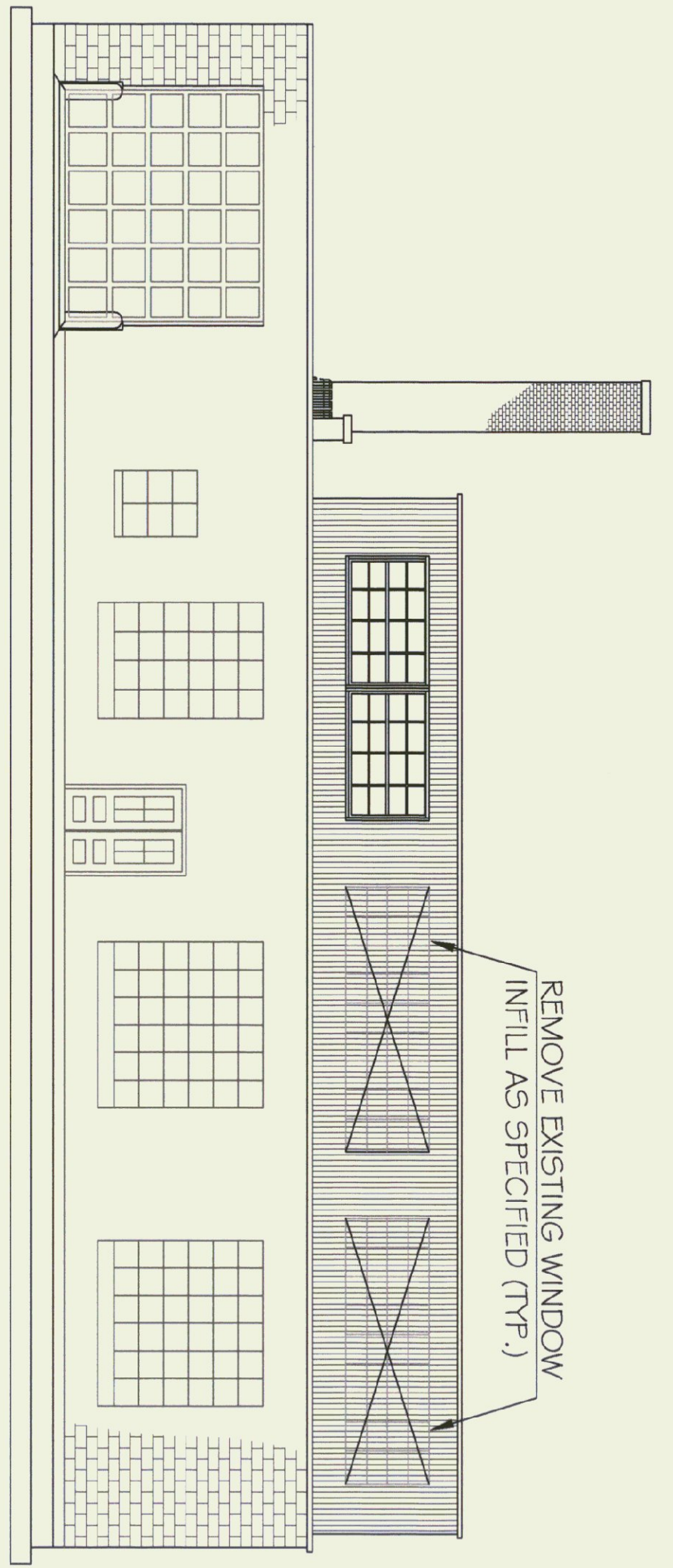




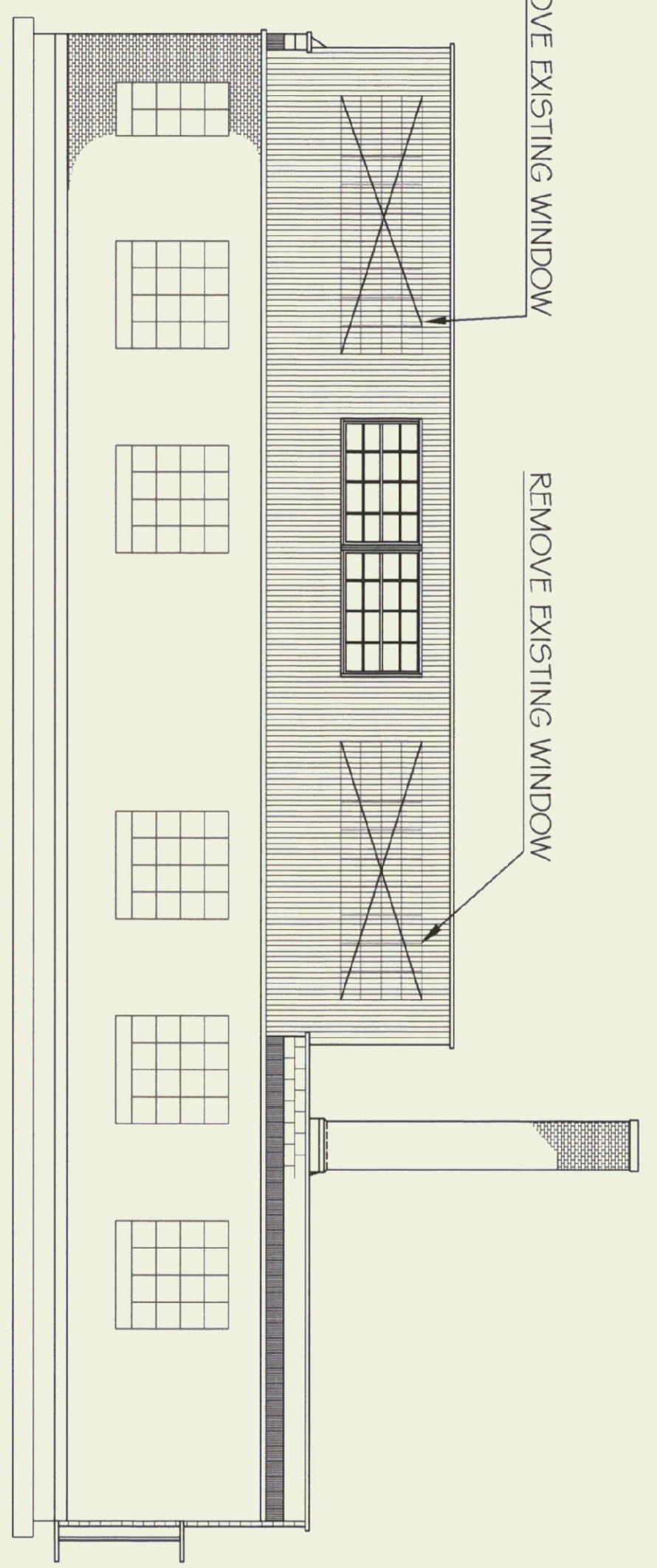
NORTH ELEVATION  
SCALE: 1/8" = 1'-0"



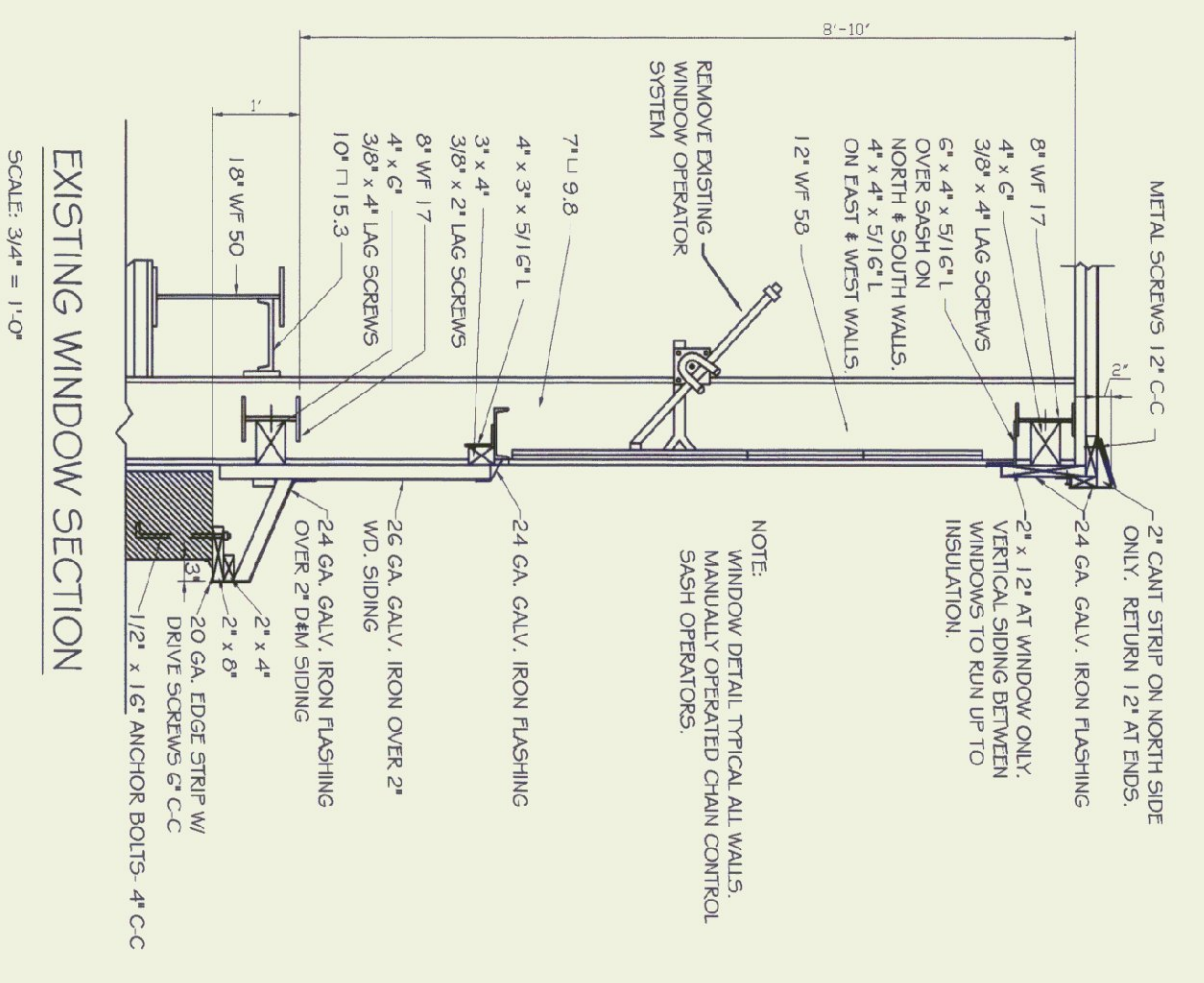
SOUTH ELEVATION  
SCALE: 1/8" = 1'-0"



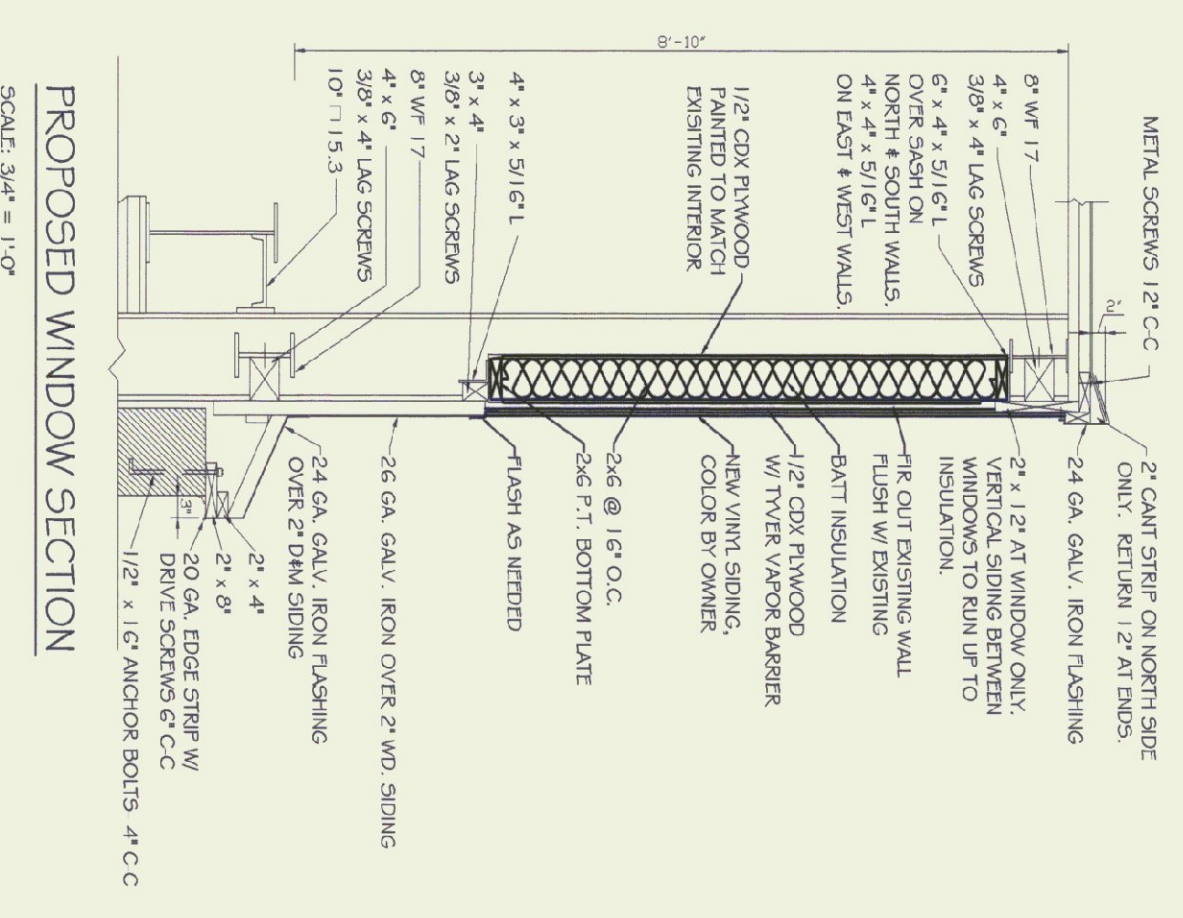
EAST ELEVATION  
SCALE: 1/8" = 1'-0"



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



EXISTING WINDOW SECTION  
SCALE: 3/4" = 1'-0"



PROPOSED WINDOW SECTION  
SCALE: 3/4" = 1'-0"

**GENERAL NOTES:**

1. FIELD VERIFY DIMENSIONS AND EXISTING CONDITIONS.
2. ALL MATERIAL SHALL BE PROPERLY AND LEGALLY DISPOSED OF.
3. INSTALL NEW HARVEY VINYL DOUBLE-HUNG WINDOWS 94" x 65" WITH (LOW E) AND SCREEN. COLOR: WHITE.
4. REMOVE EXISTING METAL SIDING & INSTALL NEW MAGSTIC VINYL VERTICAL NON-VENTILATED TRIPLE 4" SIDING, COLOR BY OWNER.
5. INSTALL RIGID FOAM 3/8" FAN-FOLD INSULATION FOR SIDE WALLS.
6. ALL NEW 2x5 TO BE PRESURE TREATED.

REVISIONS	SCALE: AS NOTED
DATE: MARCH, 2002	
DRAWN BY: K.CHISHOLM	
APPR. BY: R.BARRY	

STATE HIGHWAY GARAGE  
BUILDING RENOVATION ELEVATIONS & DETAILS  
A-1  
1 OF 1

STATE HIGHWAY GARAGE  
WINDOW RENOVATIONS  
BUILDING ELEVATIONS & DETAILS  
BERLIN VERMONT



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

