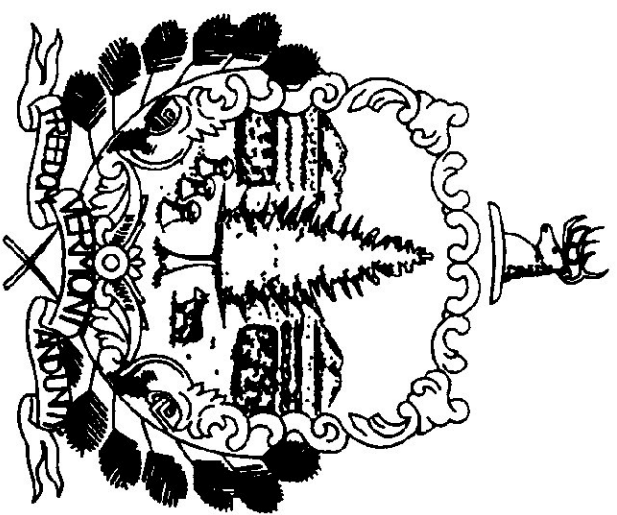


STATE OF VERMONT  
DEPARTMENT OF STATE BUILDINGS  
AGENCY OF ADMINISTRATION, MONTPELIER, VERMONT

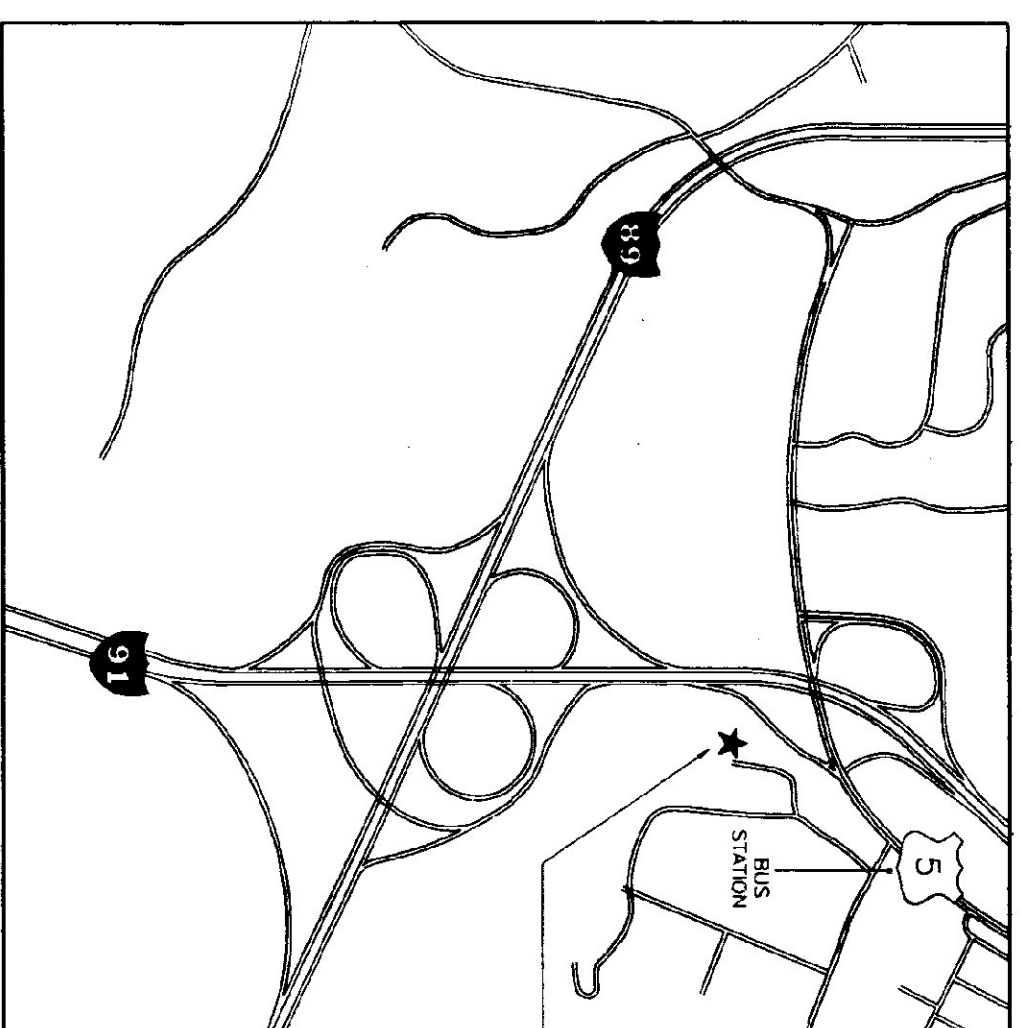
WHITE RIVER JUNCTION  
AGENCY OF TRANSPORTATION OFFICE  
HEATING SYSTEM REPLACEMENT  
WHITE RIVER JUNCTION, VERMONT



Howard Dean, M.D.  
Governor

NOVEMBER 2000

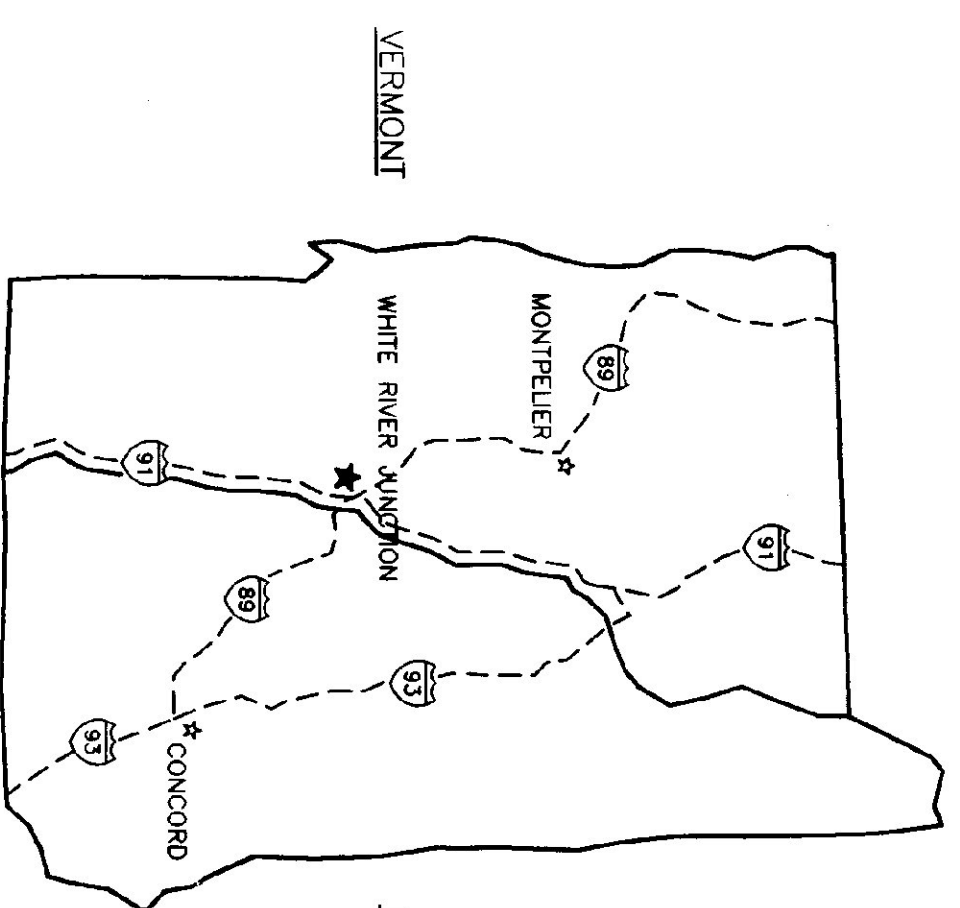
AGENCY OF ADMINISTRATION  
DEPT. OF BUILDINGS & GENERAL SERVICES  
2 GOVERNOR AIKEN AVENUE  
MONTPELIER, VERMONT 05633-5801  
THOMAS W. TORTI, COMMISSIONER



PROJECT LOCATION  
DISTRICT 4  
MAINTENANCE OFFICE



TOWN MAP  
NOT TO SCALE



PROJECT LOCATION MAP  
NOT TO SCALE

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

HEATING, VENTILATION, & AIR CONDITIONING,  
PLUMBING, FIRE PROTECTION, & ELECTRICAL

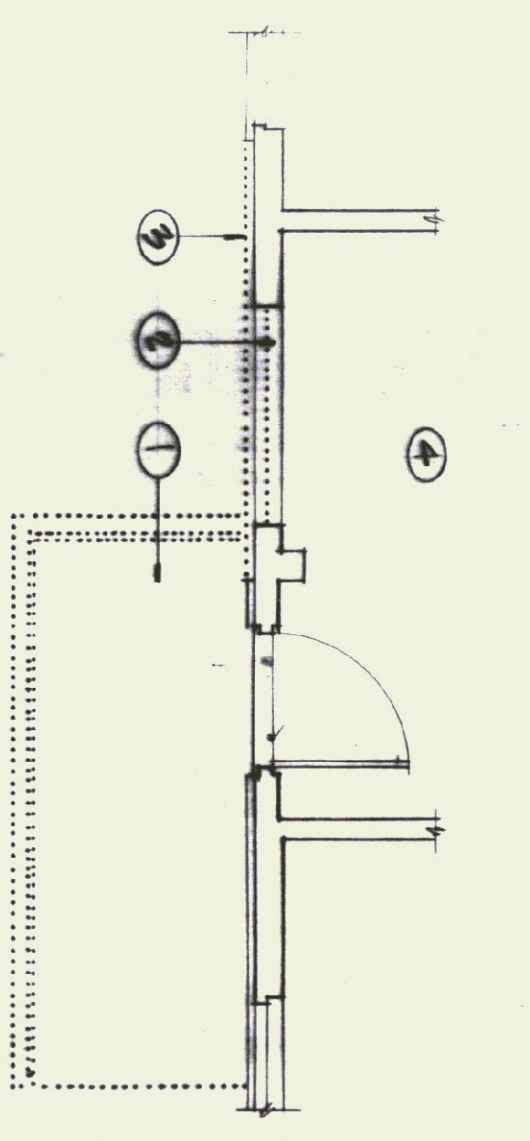
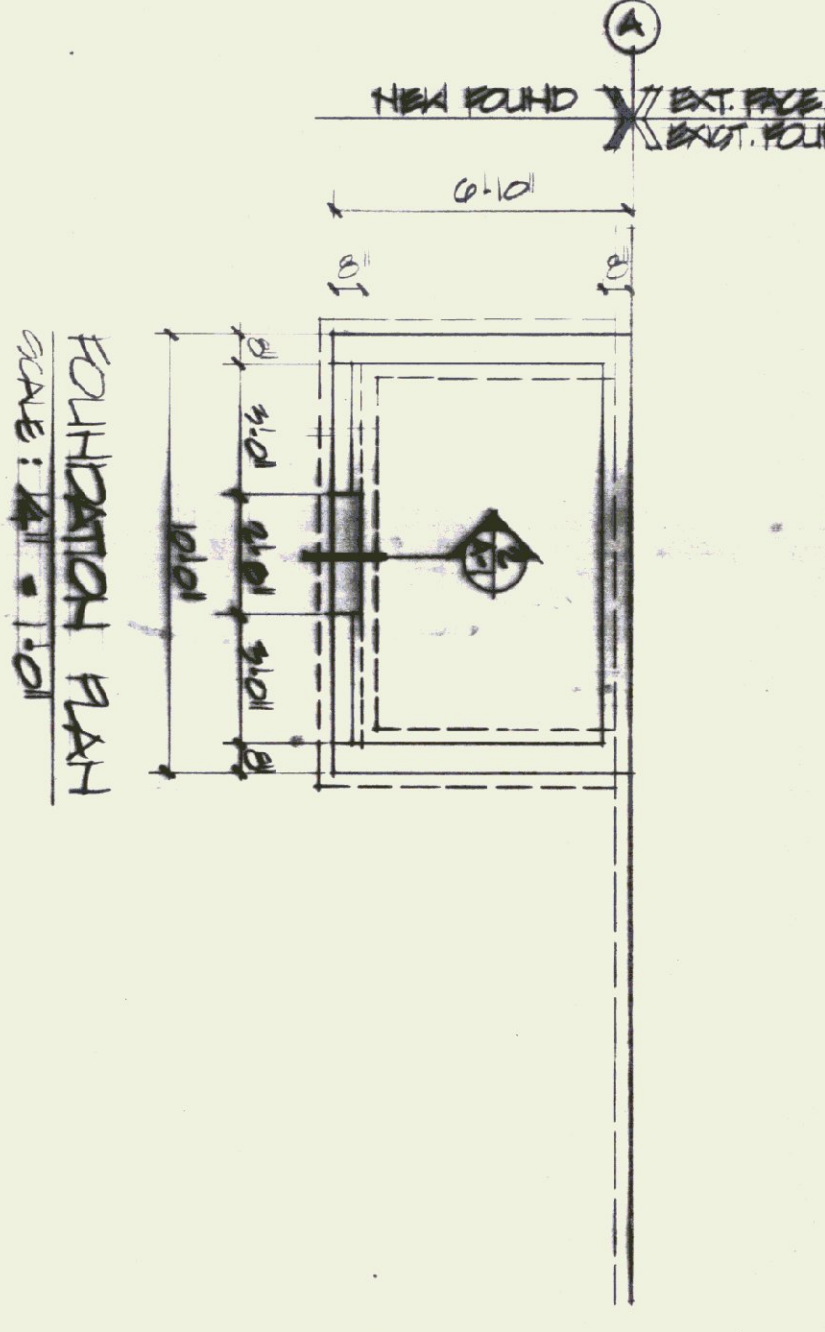
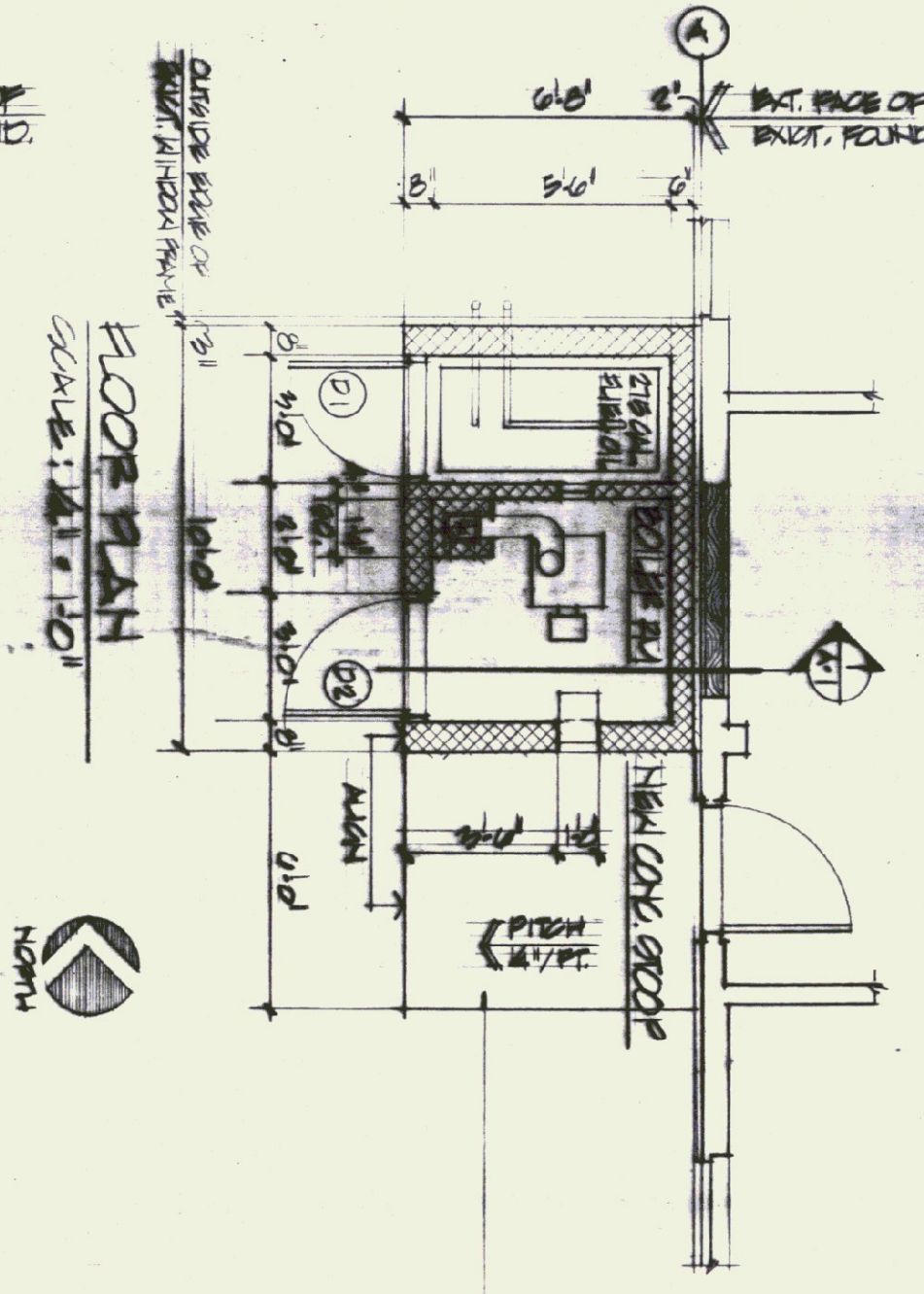
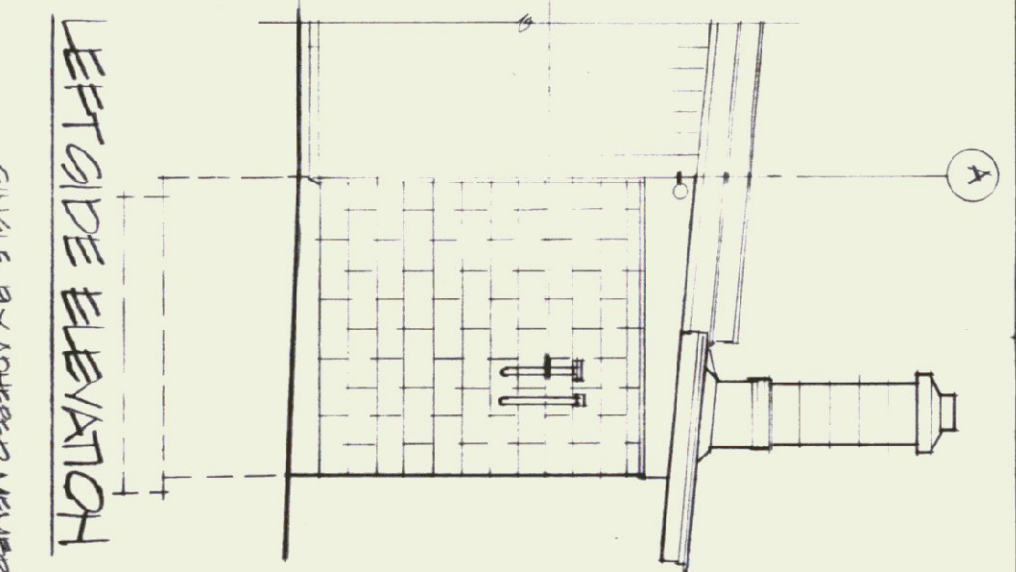
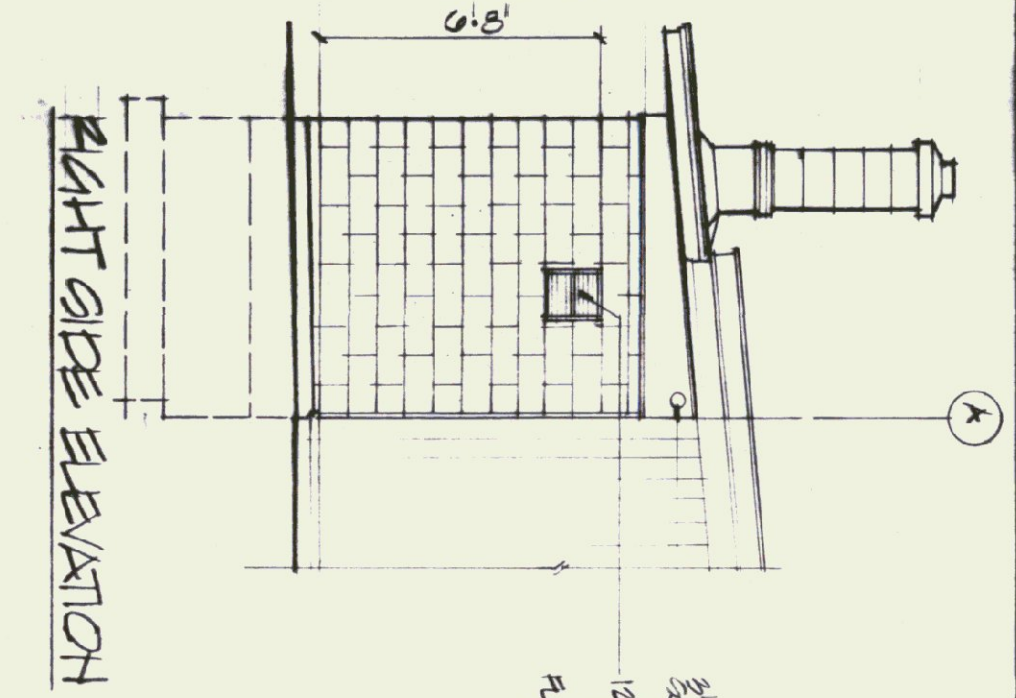
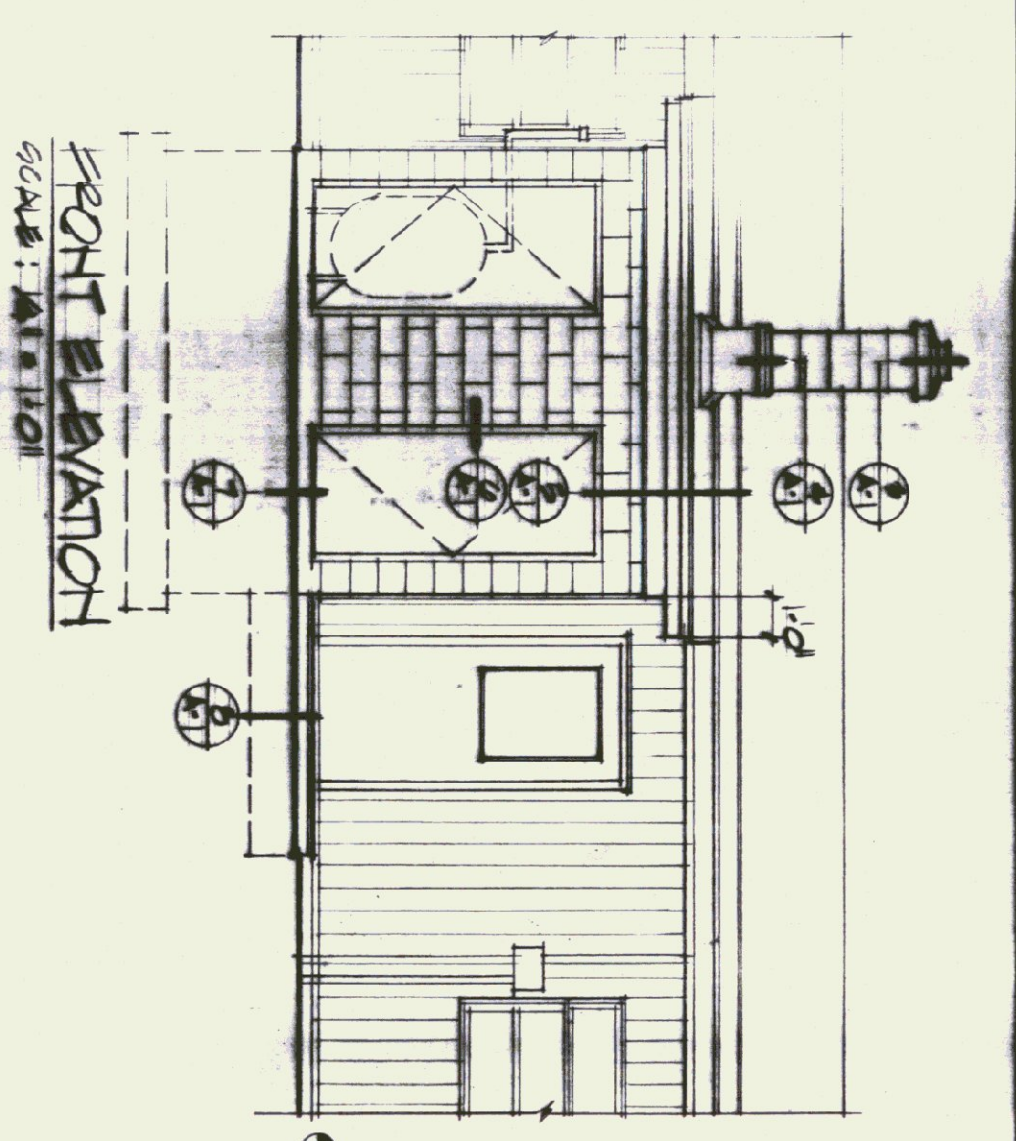
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DANIEL W. DUPRAS, P.E.  
WILLIAM C. LANE, P.E.

51 KILLINGTON AVENUE,  
RUTLAND, VERMONT 05701  
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INDEX OF DRAWINGS

A1	ARCHITECTURAL BUILDING ADDITION, DEMOLITION, FOUNDATION AND FLOOR PLANS ELEVATIONS, SECTIONS AND DETAILS
M1	MECHANICAL PLANS AND LEGEND
M2	MECHANICAL SCHEDULES AND DETAILS
E1	MAIN FLOOR PLANS ELECTRICAL DEMOLITION
E2	MAIN FLOOR PLANS ELECTRICAL

**McKNIGHT ASSOCIATES, Architects, P.C.**  
WINDBROOK, Skylark Terrace - Barre Vermont 05641



- KEYED DEMOLITION NOTES**
1. REMOVE & DISPOSE OF OR REUSE THE CONCRETE GROUND / PAVE & PIPE PILE & MASONRY WALLS
  2. ALUMINUM WINDOW SHALL BE SALVAGED AND DELIVERED TO STORAGE LOCATION TO BE DESIGNATED BY OWNER.
  3. REMOVE & DISPOSE A JOIST PORTION OF WOOD GIRDERS FROM TRIM TO EXPOSE THE ROOF OF EXISTING FOUNDATION WALL
  4. REFER TO MECHANICAL BUILDING DEMOLITION DRAWINGS FOR OTHER ITEMS TO BE DEMOLISHED.

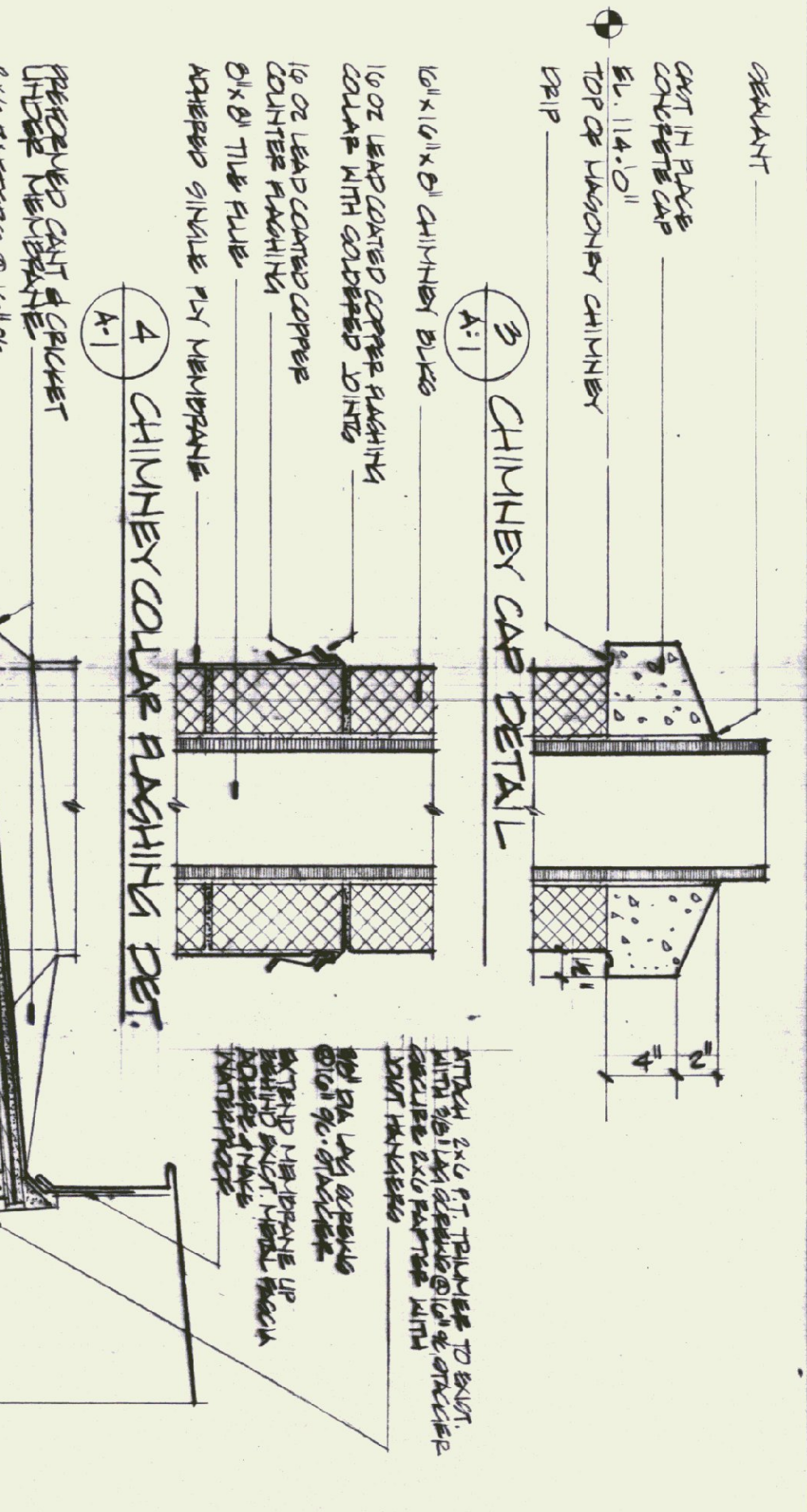
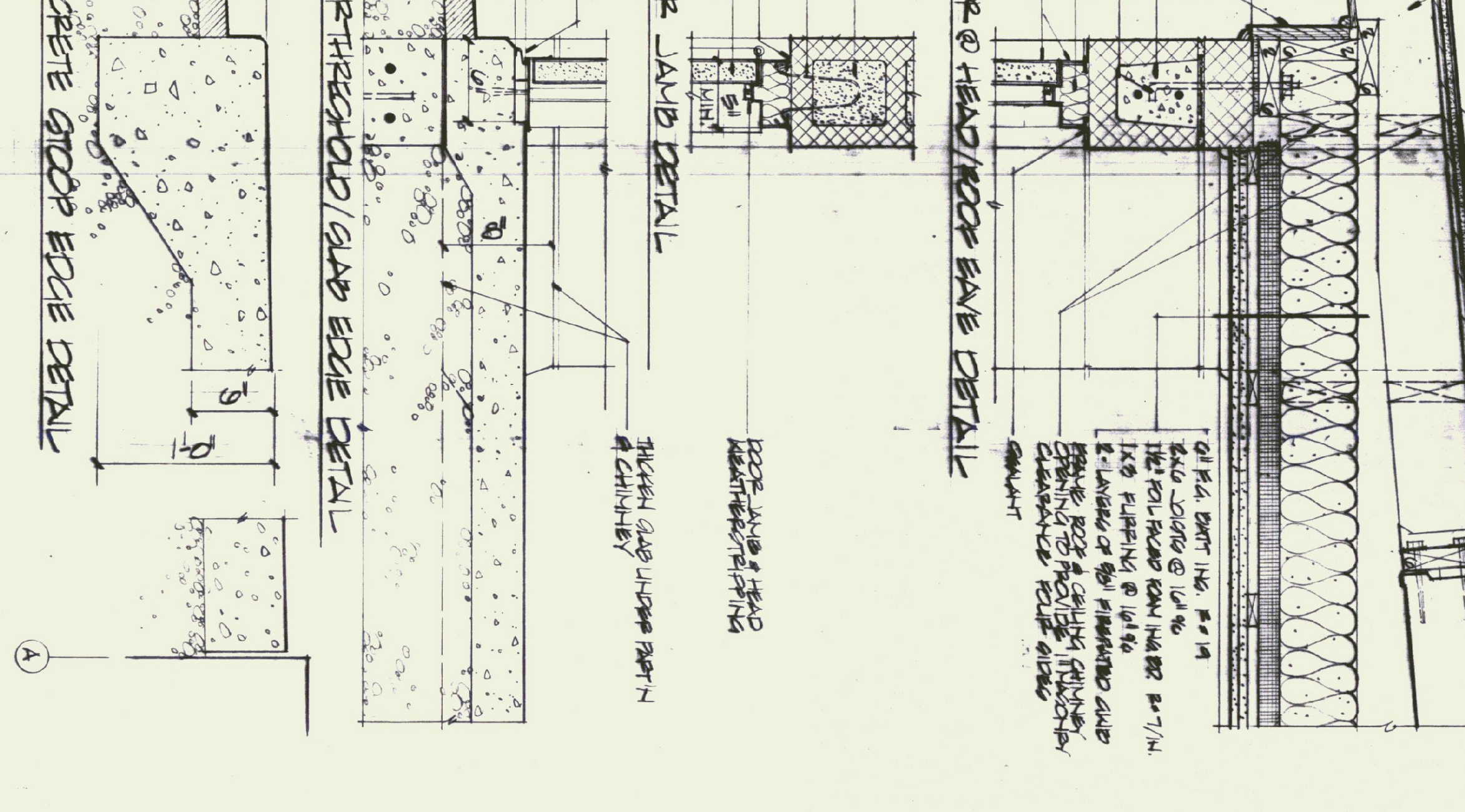
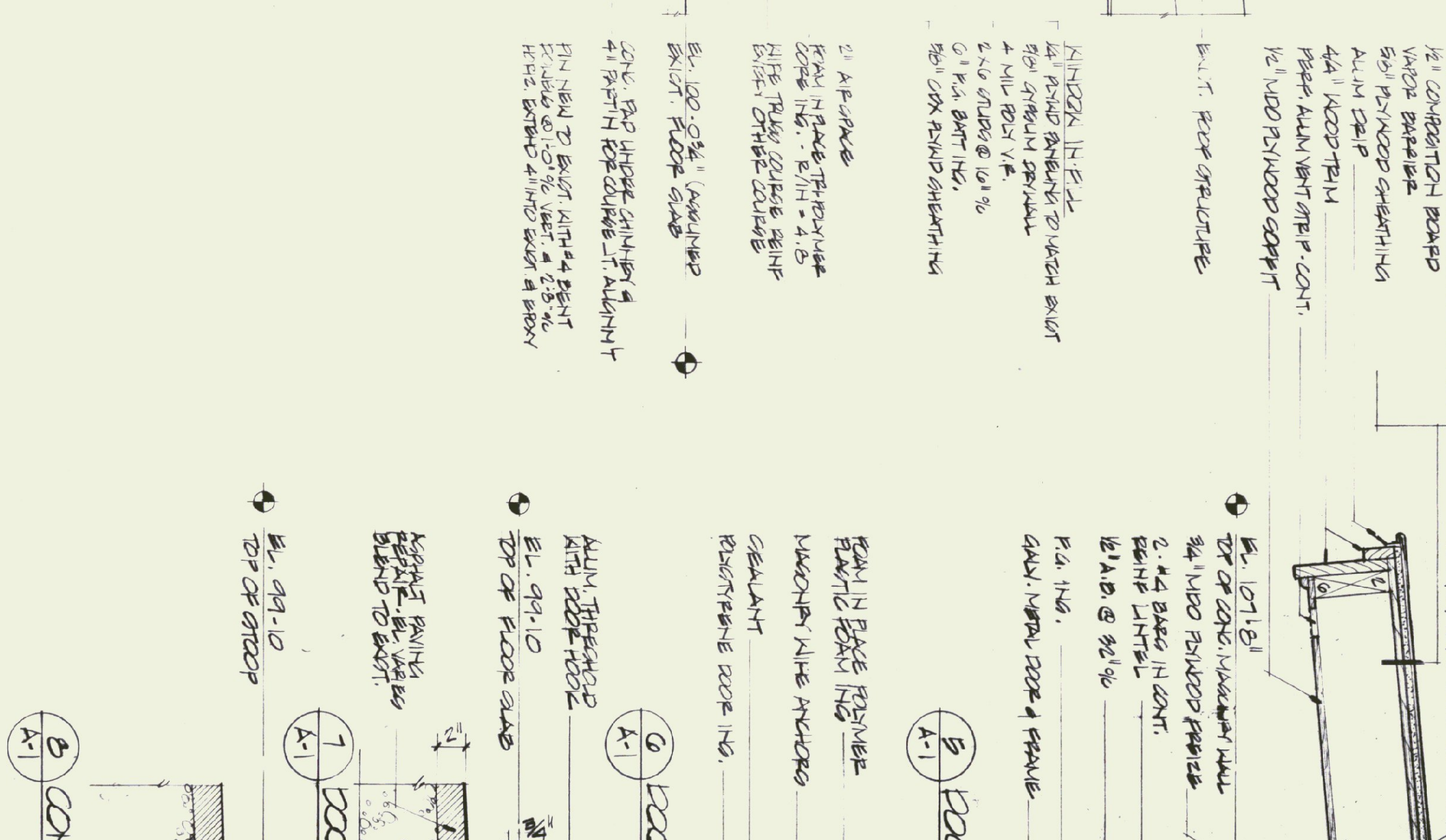
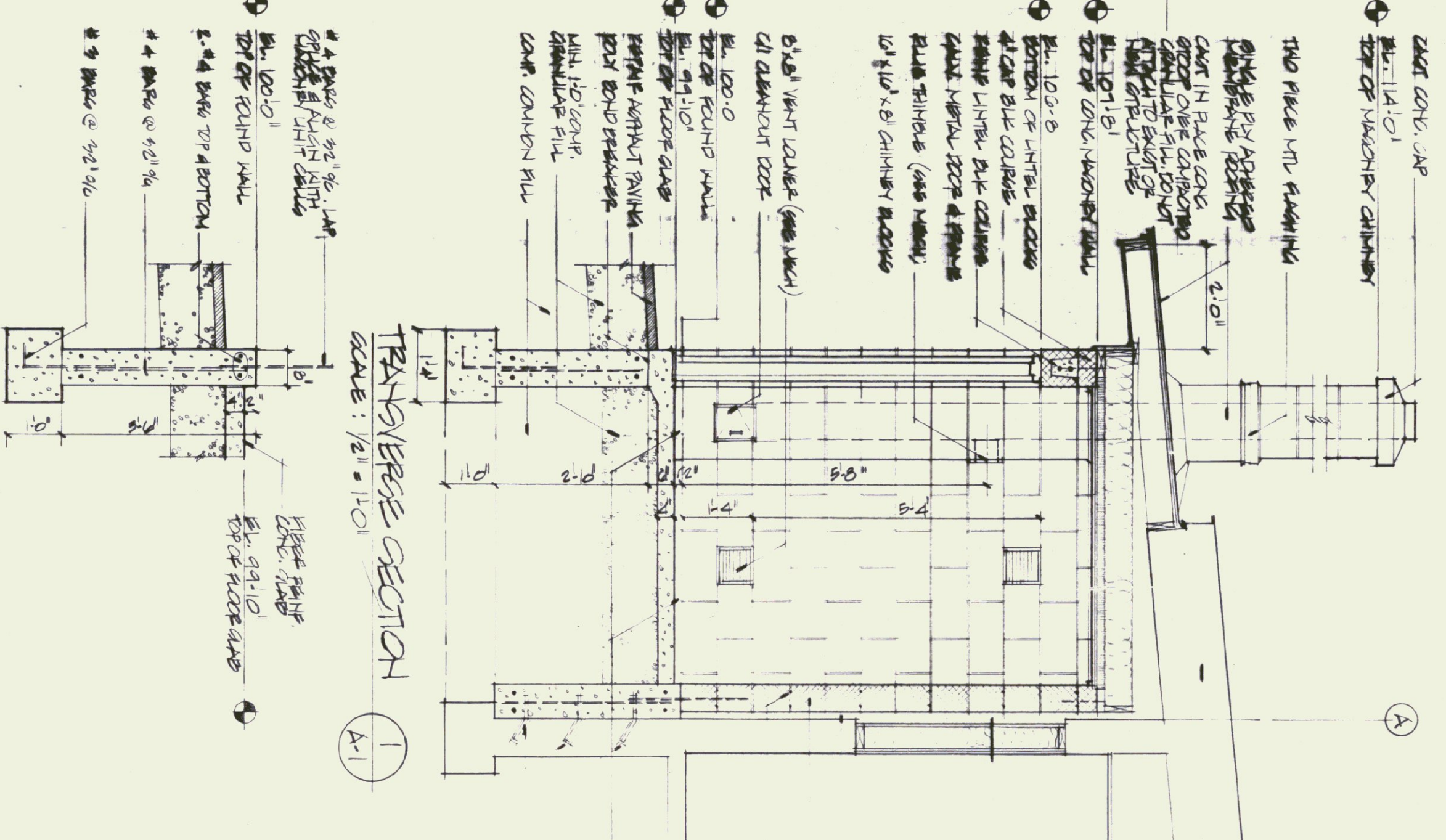
- GENERAL NOTES**
1. MASONRY DIMENSIONS SHOWN ARE NOMINAL. GIVE MASONRY DETAILS TO PROVIDE NECESSARY CLEARANCES FOR CODE COMPLIANCE. MASONRY SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE ARCHITECT'S OR ENGINEER'S SPECIFICATIONS.
  2. FOUNDATION DESIGN IS BASED ON THE ASSUMPTION THAT THE BUILDING FOUNDATION WILL BE INSTALLED ON FIRM FLAT GROUND TO BE EXISTING. FOUNDATION DESIGN IS BASED ON THE ASSUMPTION THAT THE ARCHITECT OR ENGINEER SHALL VERIFY THE ASSUMPTIONS.

- FINISH NOTES**
1. INTERIOR & EXTERIOR SURFACES OF CONCRETE BLOCK MASONRY ARE TO BE SCHEDULED FOR FINISH FINISHES.
  2. EXTERIOR SURFACES TO BE PAINTED. WOOD & FINISHED FLOORING TO BE INSTALLED IN ACCORDANCE WITH THE ARCHITECT'S OR ENGINEER'S SPECIFICATIONS.
  3. INTERIOR SURFACES TO BE PAINTED. INCLUDE FINISH CEILING, WOOD TRIM & WOOD FLOOR FINISHES.
  4. FINISH SURFACES INCLUDE FINISH CEILING & FINISHING OF ALL INTERIOR SURFACES OF EXISTING WALLS EXCEPT WHERE NOTED.

**DOOR SCHEDULE**

NO.	DOOR	FINISH	THRESH.
01	DOOR	FINISH	FINISH
02	DOOR	FINISH	FINISH
03	DOOR	FINISH	FINISH
04	DOOR	FINISH	FINISH
05	DOOR	FINISH	FINISH

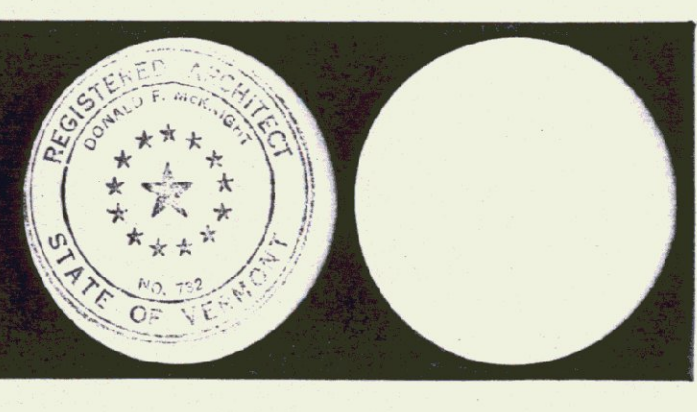
PROVIDE DOORS WITH RECESSED GLASS INLS.  
PROVIDE DOORS WITH FINISHED PAINTED FINISH

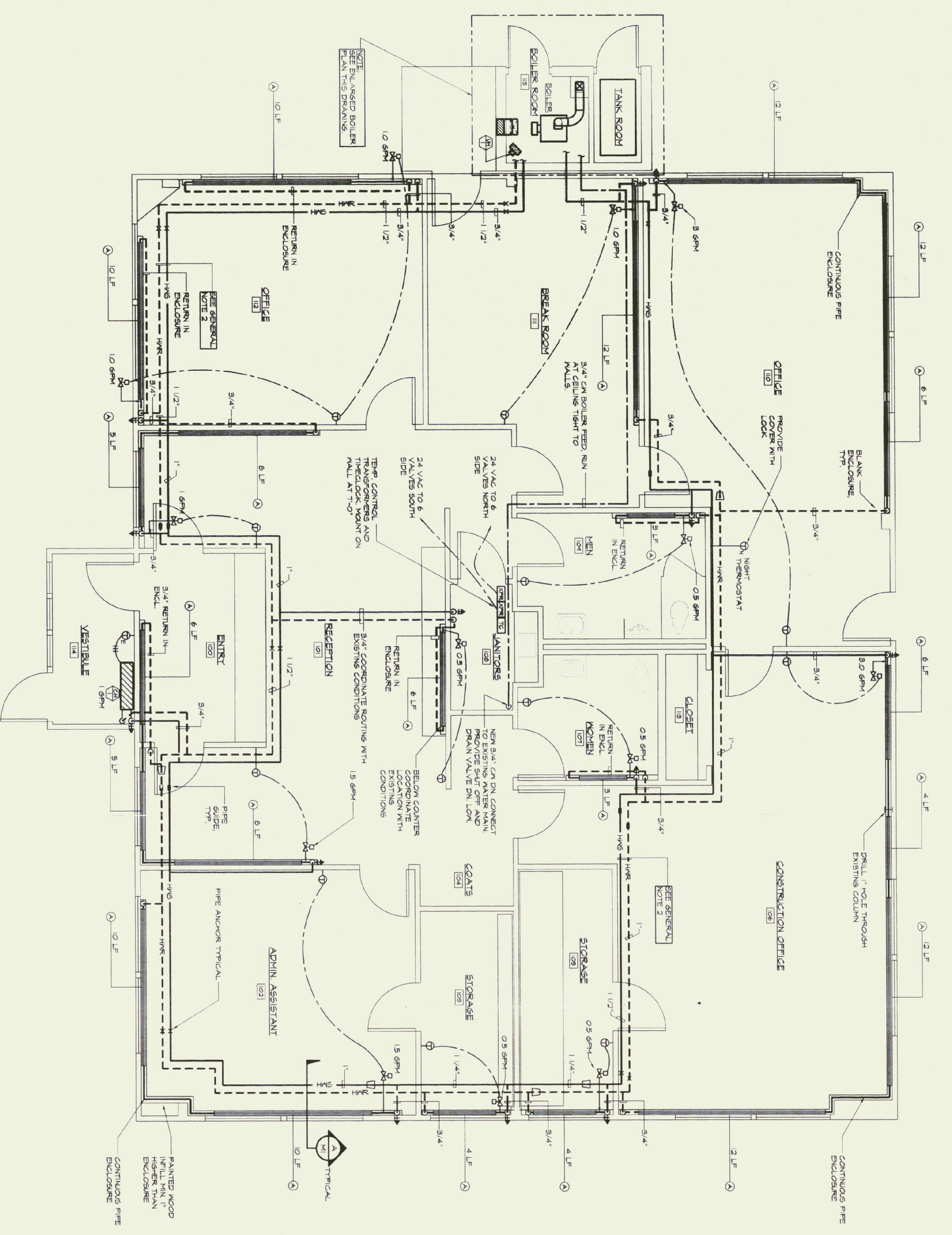


A.O.T. DISTRICT NO. 4 OFFICE HEATING SYSTEM REPLACEMENT WHITE RIVER JUNCTION VERMONT  
MECHANICAL BUILDING ADDITION DEMOLITION, FOUNDATION & FLOOR PLANS, ELEVATIONS, SECTIONS & DETAILS

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WINDBROOK, Skylark Terrace - Barre, Vermont 05641

**LANE ASSOCIATES, CONSULTING ENGINEERS, P.C.**  
51 KILLINGTON AVENUE RUTLAND, VERMONT 05701

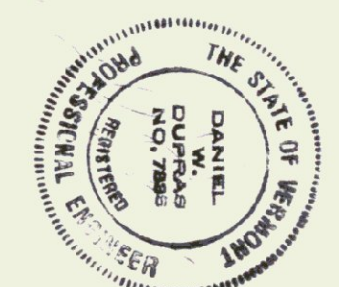




**MAIN FLOOR PLAN - MECHANICAL**  
SCALE: 1/4"=1'-0"

**GENERAL NOTES:**

- 1) ALL RISERS AND RISINGS TO RADIATION CABINET HEATERS AND UNIT HEATERS TO BE 3/4".
- 2) ALL SUPPLY AND RETURN VANS TO BE AT CEILING. KEEP HIGH AS POSSIBLE. PROVIDE 1" CLEARANCE OF SPACES WHERE POSSIBLE. COORDINATE ROUTING WITH EXISTING CONDITIONS.
- 3) ZONE VALVES SHALL BE FULL LINE SIZE.
- 4) REFER TO DWGS A1 AND E1 FOR SELECTED EQUIPMENT REQUIRED. COORDINATE ALL MECHANICAL WORK AS REQUIRED.
- 5) AS TRANSFER SADDLES IN WALL. SEE DWG A1 FOR LOCATION. PROVIDE WALL SLEEVE WITH UL LABELED FIRE DRYER AND 1/2X1/2" GALVANIZED METAL SCREENING OVER ALL OPENINGS.



NO.	ISSUED FOR	DATE
1	OWNER REVIEW	10/18/94
2	OWNER REVIEW	01/25/00
3	BIDDING	05/10/00
4	RE-BID INCORPORATE ADDENDA	11/00

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

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**MECHANICAL PLANS AND LEGEND**

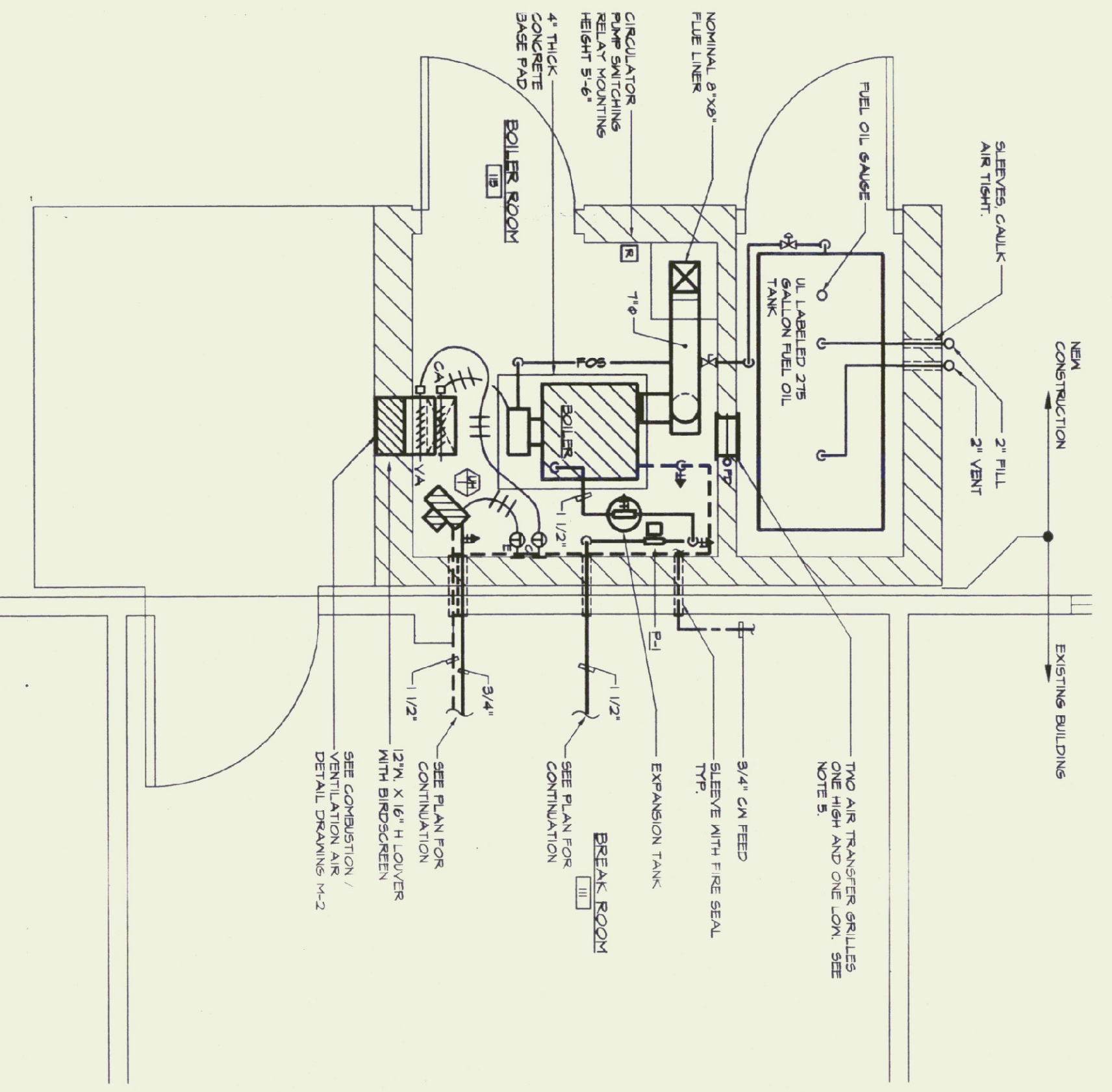
**A.O.T. DISTRICT NO. 4 OFFICE HEATING SYSTEM REPLACEMENT WHITE RIVER JUNCTION, VERMONT**

	MOTOR OPERATED DAMPER		THERMOSTAT
	DAMPER FOR FINE DAMPER		FUEL OIL SUPPLY
	PIPE ANCHOR		GATE VALVE
	PIPE GUIDE		BALL VALVE
	BALANCING VALVE		CHECK VALVE
	2-WAY CONTROL VALVE		PRESSURE GAUGE
	PRESSURE REDUCING VALVE		PRESSURE RELIEF VALVE
	BACKFLOW PREVENTER		DRAIN VALVE
	HOT WATER SUPPLY		THERMOSTAT
	HOT WATER RETURN		PIPE STRAINER WITH BLOWDOWN VALVE
	DOMESTIC COLD WATER		CABINET HEATER
	CHANGE IN PIPE SIZE		UNIT HEATER
	AIR VENT		FROHATIC VALVE
			OIL SAFETY VALVE
			LOW VOLTAGE CONTROL WIRING
			120VAC CONTROL WIRING BY EC

**MECHANICAL LEGEND & ABBREVIATIONS**



**ENLARGED PLAN - BOILER ROOM**  
SCALE: 1/2"=1'-0"



APPR.	DWD	DRAWN	TDL	SCALE	AS NOTED	PROJ. NO.
						4420-0





