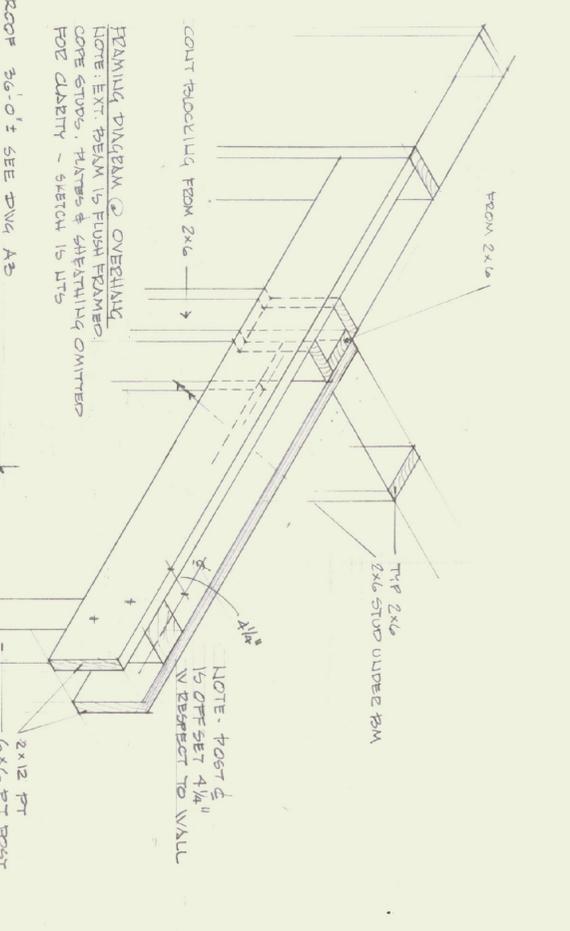
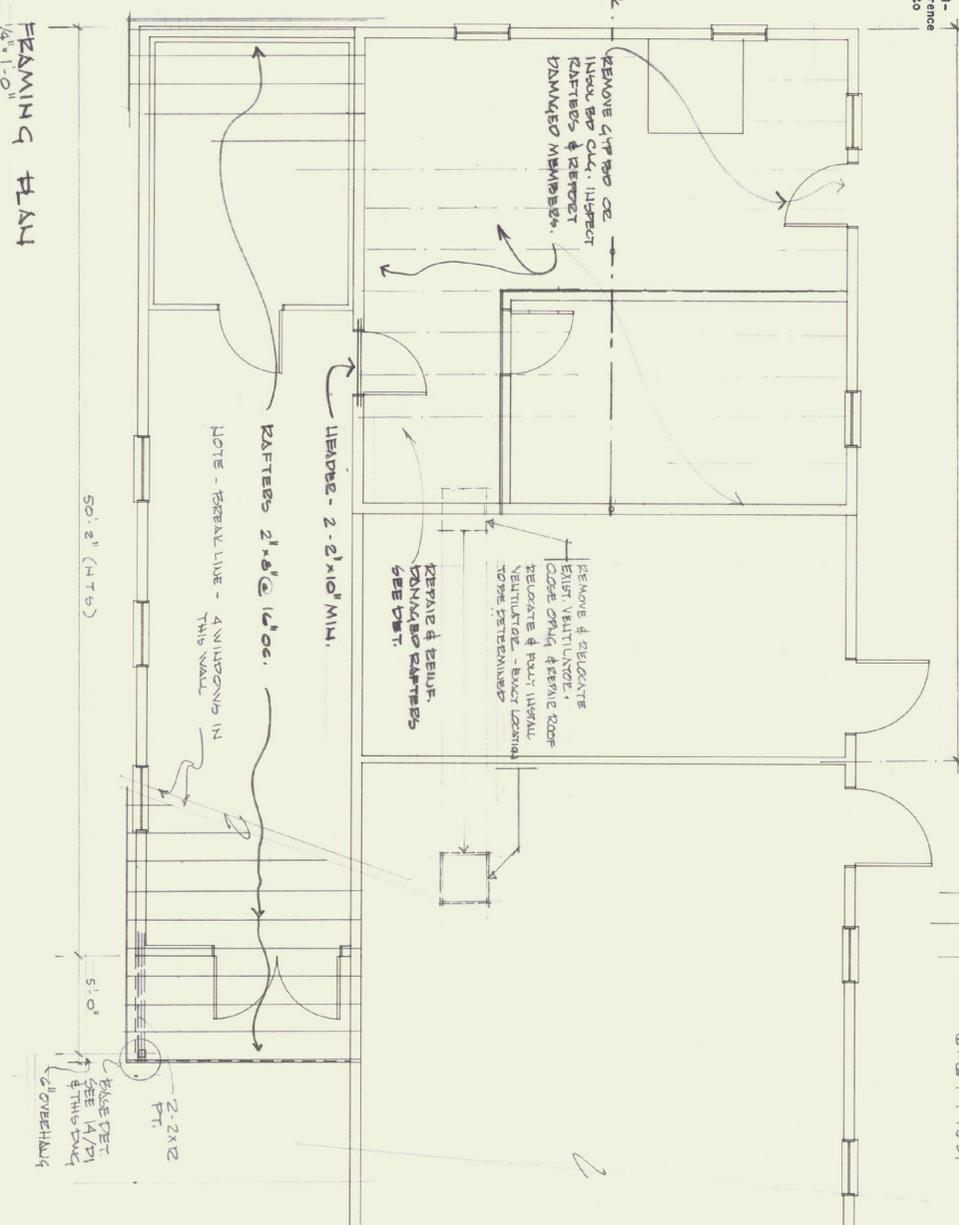
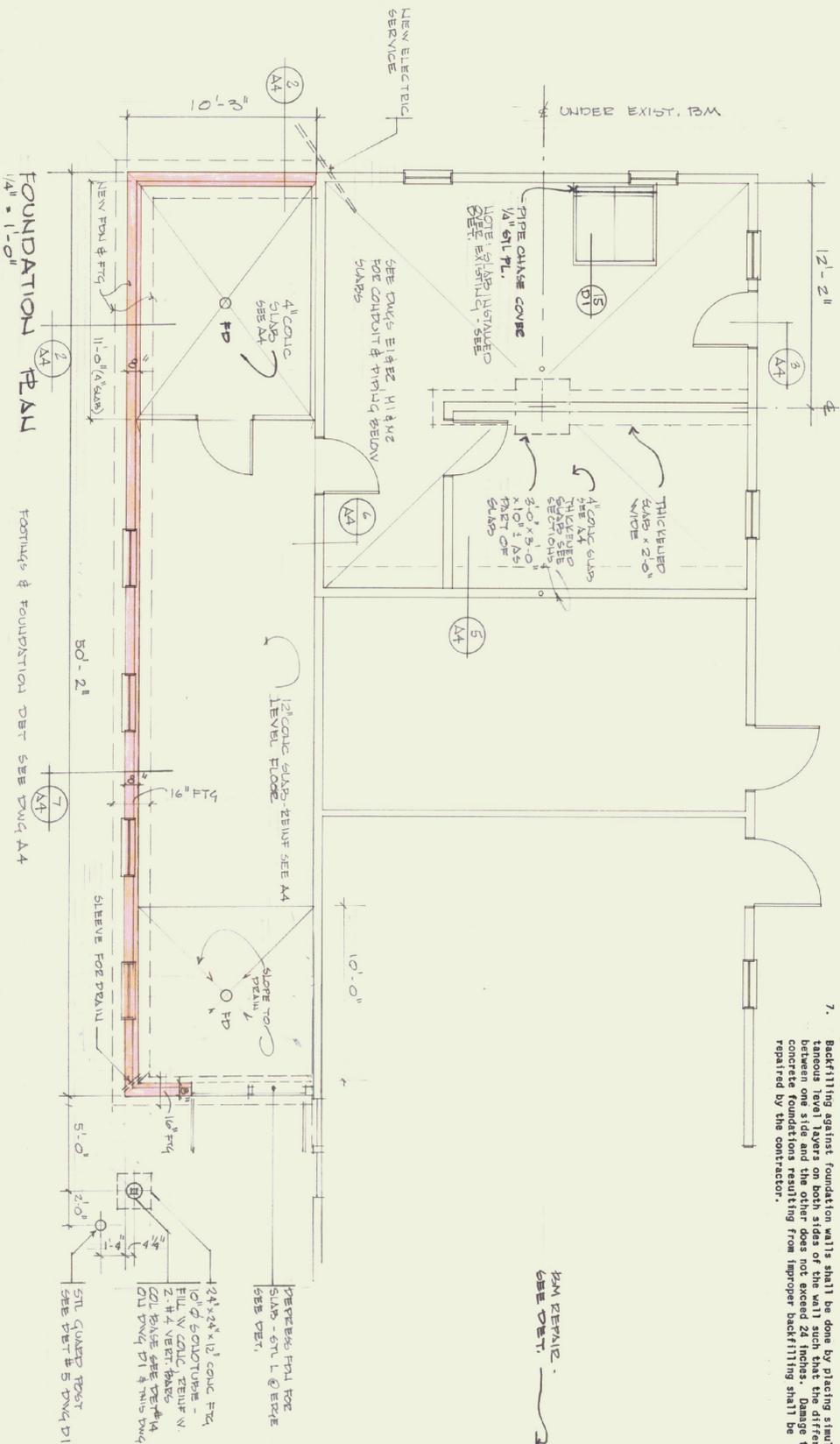


FOUNDATION NOTES

- All concrete shall be normal weight having a minimum compressive strength of 3000 psi at 28 days with the following requirements:
 Portland Cement - ASTM C150, Type II, Minimum 5g sacks per cubic yard.
 Aggregate - ASTM C33, 3/4" Maximum size for structural concrete.
 Water - Potable with a maximum water/cement ratio of 0.55.
 Slump - 2" to 4".
- Admixtures - Use air entraining agent conforming to ASTM C260 with 4-6% total air.
 Use water reducing agent conforming to ASTM C494 in all concrete.
 Calcium chloride may not be used to accelerate the setting time.
- All reinforcing steel shall comply with ASTM A615, Grade 40.
 The following minimum concrete cover shall be provided for:
 Concrete cast against earth 3"
 Formed concrete exposed to earth or weather 1 1/2"
- Footings shall rest on suitable undisturbed soil or compacted granular fill having a minimum design bearing pressure of 3000 psf. Elevations of bottom of footings are shown on plans, but are subject to revision when true soil conditions are exposed by excavation. The architect shall be notified promptly of any weak strata, water conditions, or other poor bearing conditions.
- Proper vibration of the concrete is important in the placement of all concrete; the contractor shall make provisions for back-up vibration equipment.
- Concrete temperature during the first seven days shall be maintained between 50°F and 90°F. Rapid drying must be prevented.
- Backfilling against foundation walls shall be done by placing 12" layers on both sides of the wall such that the difference between layers does not exceed 24" maximum. Damage to concrete foundations resulting from improper backfilling shall be repaired by the contractor.



State of Vermont
 Department of State Buildings
 John Zampieri, Commissioner

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Architect's Project No. 247

FOUNDATION & FRAMING PLAN	DATE:
DEVL: LDN 6 1989	OCT. 10, 1989
	DWG. NO. A1