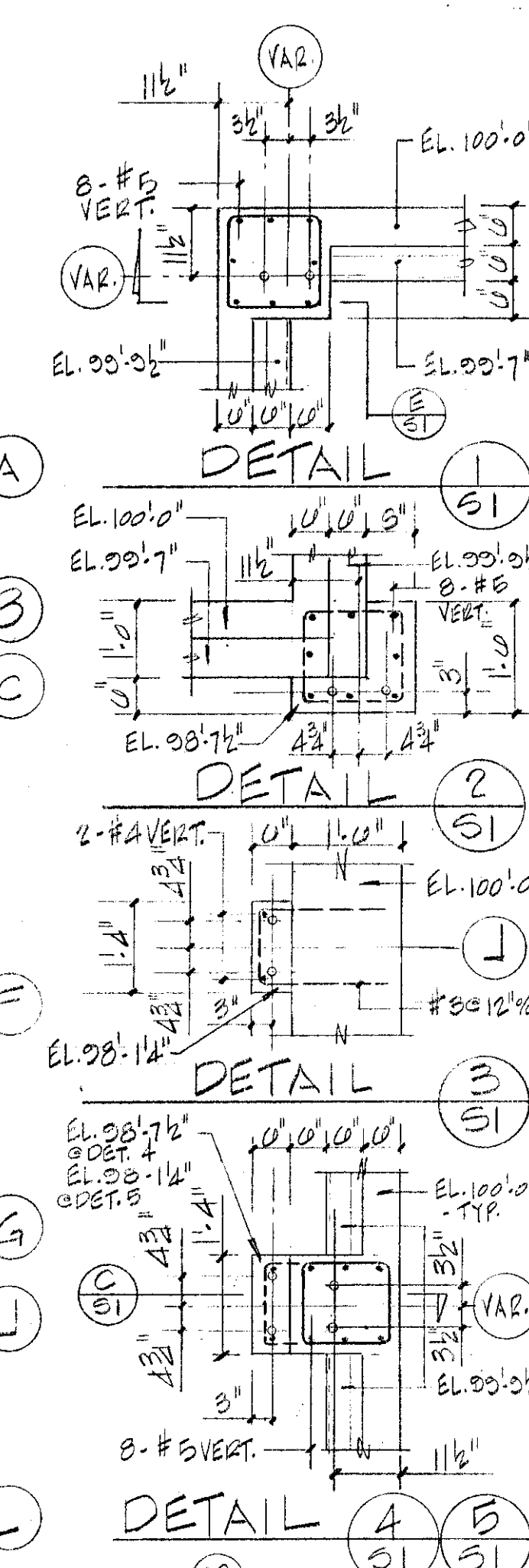
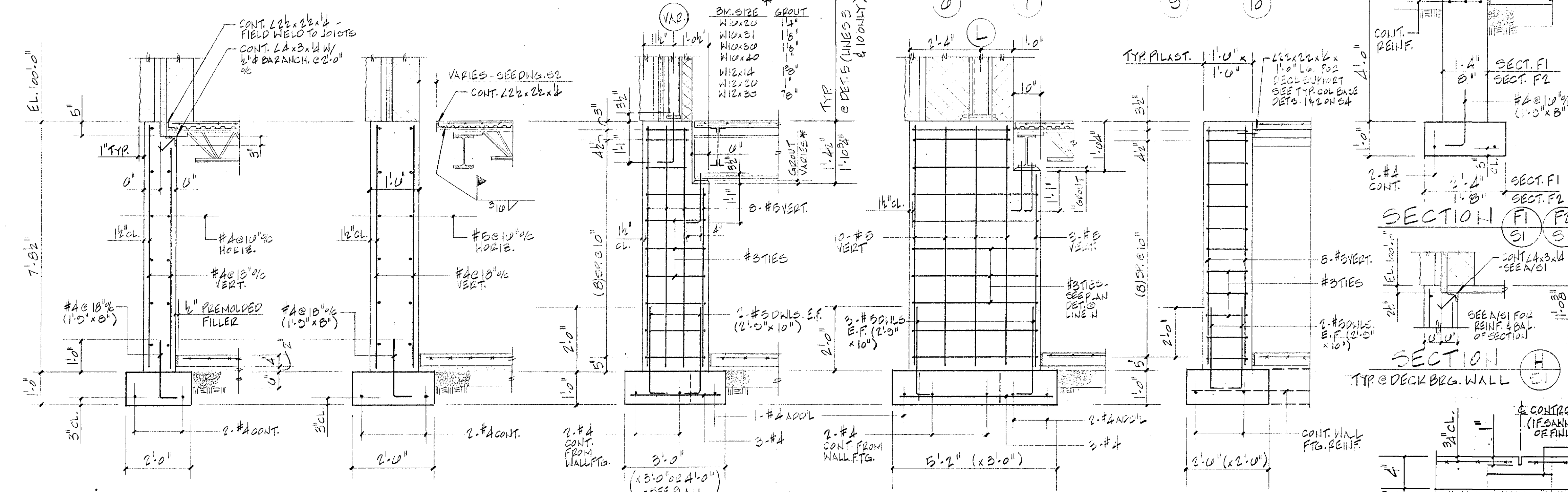


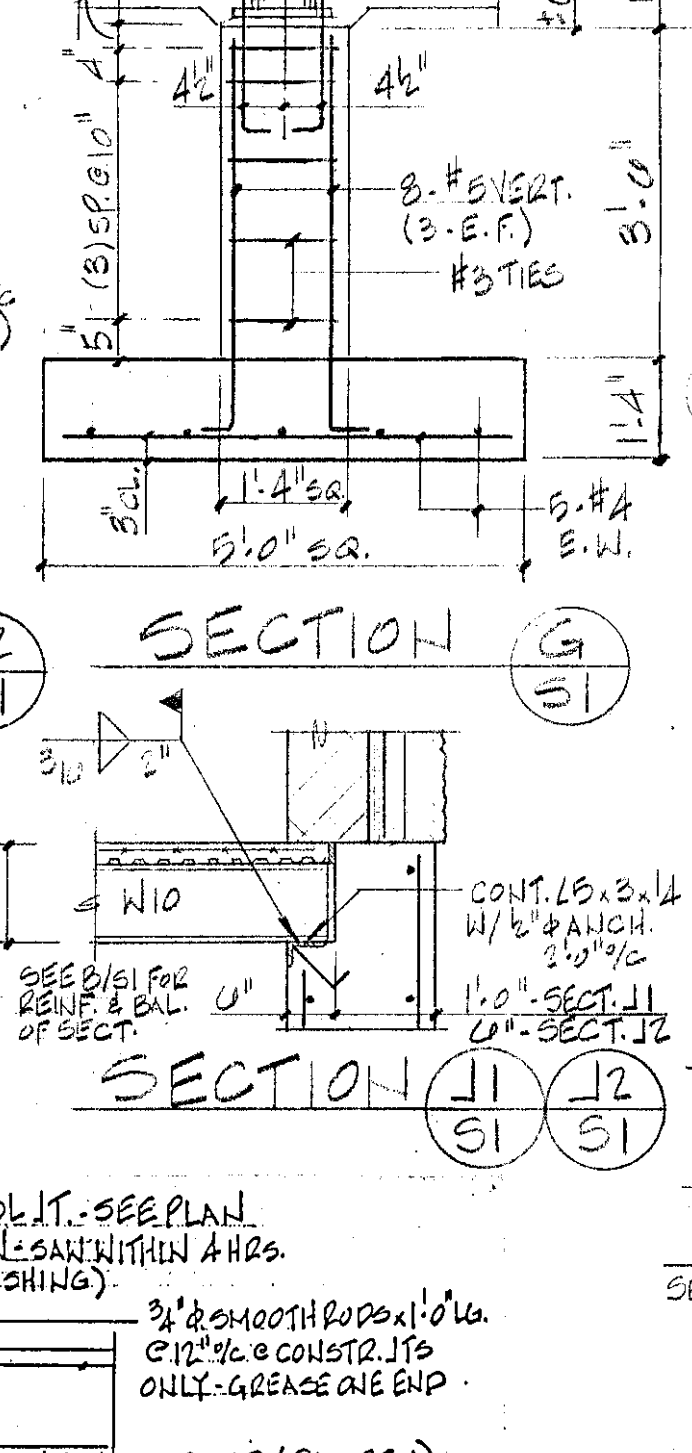
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



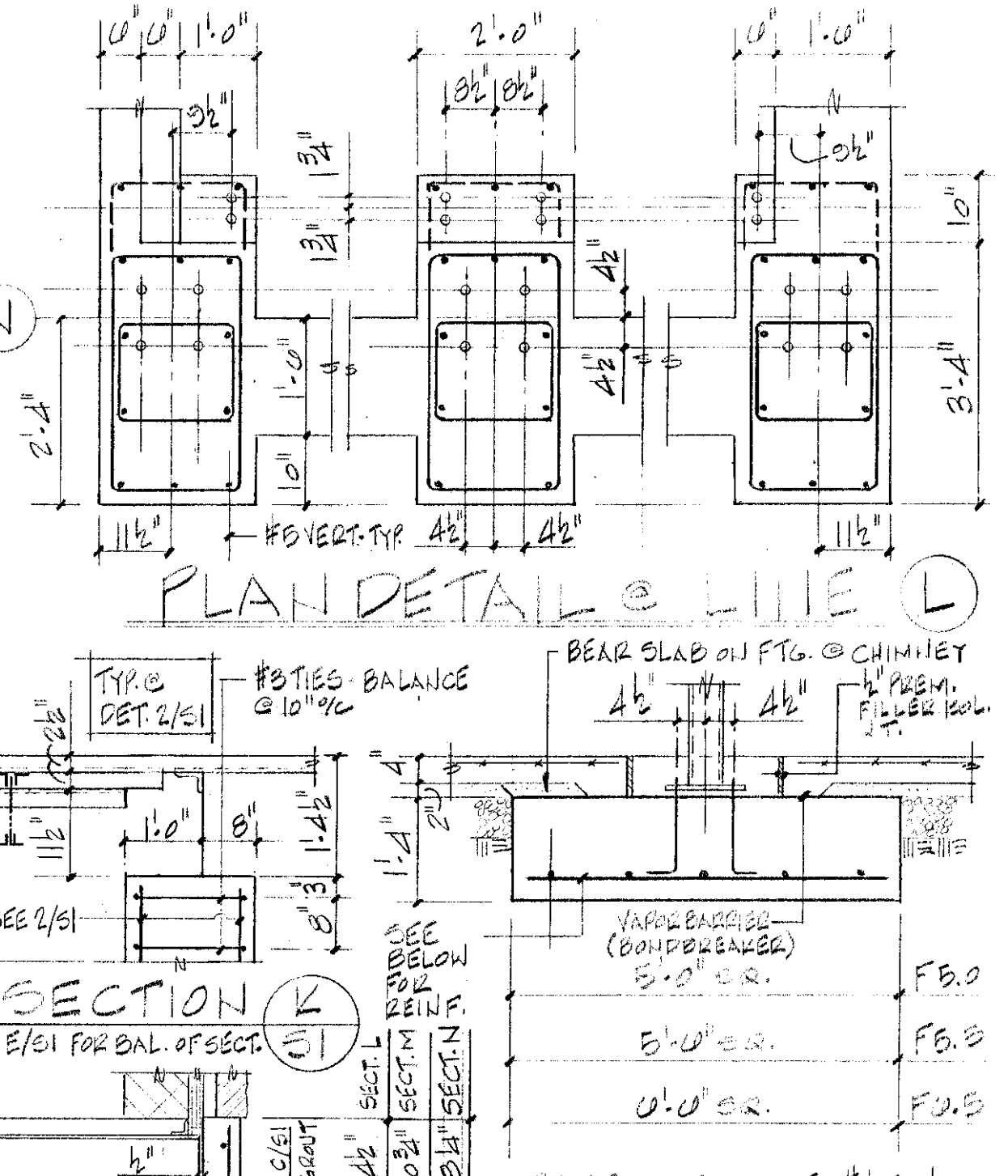
- CONCRETE NOTES**
1. ALL CONCRETE DESIGN, MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH ACI BUILDING CODE 318, LATEST EDITION.
 2. CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI AT 28 DAYS. MAXIMUM AGGREGATE SIZE SHALL BE 3/4" (COARSE AGGREGATE NO. 67). FINE AGGREGATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION C33.
 3. CEMENT FOR CONCRETE SHALL CONFORM TO THE REQUIREMENTS OF TYPE I PORTLAND CEMENT IN ACCORDANCE WITH ASTM SPECIFICATION C-150.
 4. MIX PROPORTIONING:
MAXIMUM WATER/CEMENT RATIO = 0.45
MINIMUM CEMENT CONTENT = 540 PCY
MINIMUM SLUMP = 2"
MAXIMUM SLUMP = 4"
AIR ENTRAINMENT = 6% (=/- 2%)
 5. CONCRETE SHALL BE PLACED IN HORIZONTAL LAYERS OF 18" TO 24" AS NEAR AS POSSIBLE TO ITS FINAL POSITION. EACH HORIZONTAL LAYER SHALL BE CONSOLIDATED BY THE USE OF APPROVED VIBRATORY EQUIPMENT. THE USE OF VIBRATORS TO MOVE CONCRETE HORIZONTALLY IS PROHIBITED.
 6. REINFORCING BARS SHALL BE DEFORMED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM SPECIFICATION 615, GRADE 60. THE PLACEMENT OF REINFORCING SHALL BE IN ACCORDANCE WITH ACI 318.
 7. WELDED WIRE FABRIC SHALL CONFORM TO ASTM SPECIFICATION 185, LATEST EDITION. SHEETS SHALL LAP ONE FULL MESH AT SIDES AND ENDS AND SHALL BE WIRED TOGETHER.
 8. ALL SPLICES NOT SHOWN ON THE DRAWINGS SHALL BE INSTALLED AS CLASS B SPLICES IN ACCORDANCE WITH ACI 318.
 9. CONCRETE FORMS SHALL BE EXTERIOR GRADE PLYWOOD OR METAL PRODUCING SMOOTH SURFACES WHERE APPEARANCE IS ESSENTIAL.
 10. ALL EXPOSED EDGES OF CONCRETE SHALL HAVE A 3/4" CHAMFER.
 11. PLACE STRUCTURAL BACKFILL IN 9" LIFTS AND COMPACT TO A MINIMUM OF 95% MAXIMUM DRY DENSITY OBTAINABLE PER ASTM SPECIFICATION D-1557.
 12. ALL ANCHOR BOLTS SHALL BE SUPPLIED WITH HIGH STRENGTH WASHERS AND HEAVY HEX NUTS AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION A307.
 13. FOUNDATIONS HAVE BEEN DESIGNED BASED ON AN ALLOWABLE NET BEARING PRESSURE OF 2000 PSF.
 14. ALL TIE-IN DIMENSIONS TO EXISTING STRUCTURES SHALL BE FIELD VERIFIED PRIOR TO THE BEGINNING OF CONSTRUCTION.
 15. THE CONTRACTOR SHALL PROVIDE FOR THE COMPRESSIVE STRENGTH TESTING OF THE CONCRETE. TWO TEST CYLINDERS FOR EVERY 100 CUBIC YARDS OF CONCRETE PLACED DAILY SHALL BE TESTED AT 7 AND 28 DAYS. CONCRETE FAILING TO MEET THE SPECIFIED STRENGTH SHALL BE REPLACED BY THE CONTRACTOR.
 16. PROVISIONS SHALL BE MADE TO MAINTAIN THE CONCRETE AT A MINIMUM TEMPERATURE OF 40°F FOR A PERIOD OF SEVEN DAYS. CONCRETE SHALL BE CURED BY A METHOD APPROVED BY THE ENGINEER AND IN ACCORDANCE WITH ACI 308, LATEST EDITION.
 17. FORM SURFACES IN CONTACT WITH CONCRETE SHALL BE COATED WITH AN EFFECTIVE BOND BREAKER.
 18. THE CONTRACTOR SHALL SUBMIT THREE SETS OF SHOP DRAWINGS OF THE REINFORCING STEEL FOR APPROVAL PRIOR TO FABRICATION.



SECTION A
SCALE: 1/4" = 1'-0" TYP. U.I.



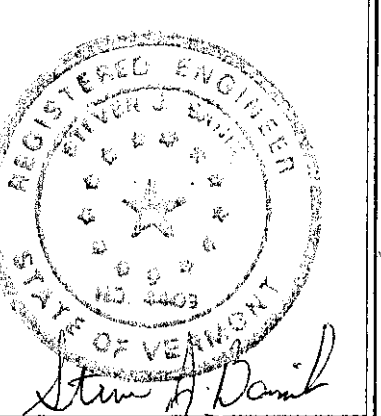
SECTION F1
SCALE: 1/4" = 1'-0" TYP. U.I.



PLAN DETAIL L
SCALE: 1/4" = 1'-0" TYP. U.I.

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TRAVEL AND INFORMATION CENTER
HARTFORD, VERMONT

FOUNDATION PLAN & DETAILS

DATE: 10/09/95
ISSUED FOR: OWNER REVIEW
CLIENT REVIEW

S1