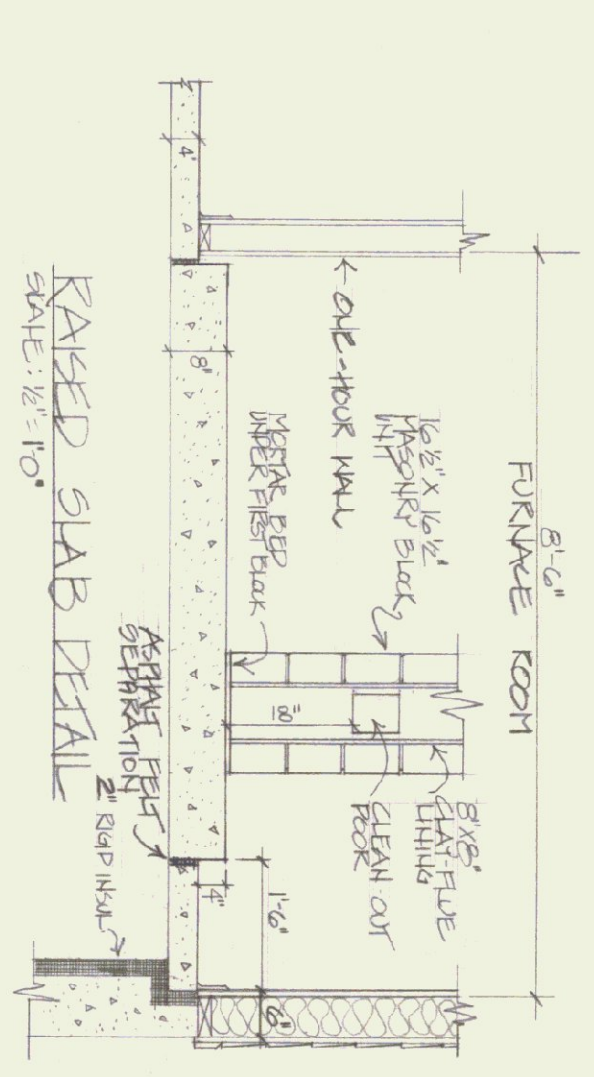
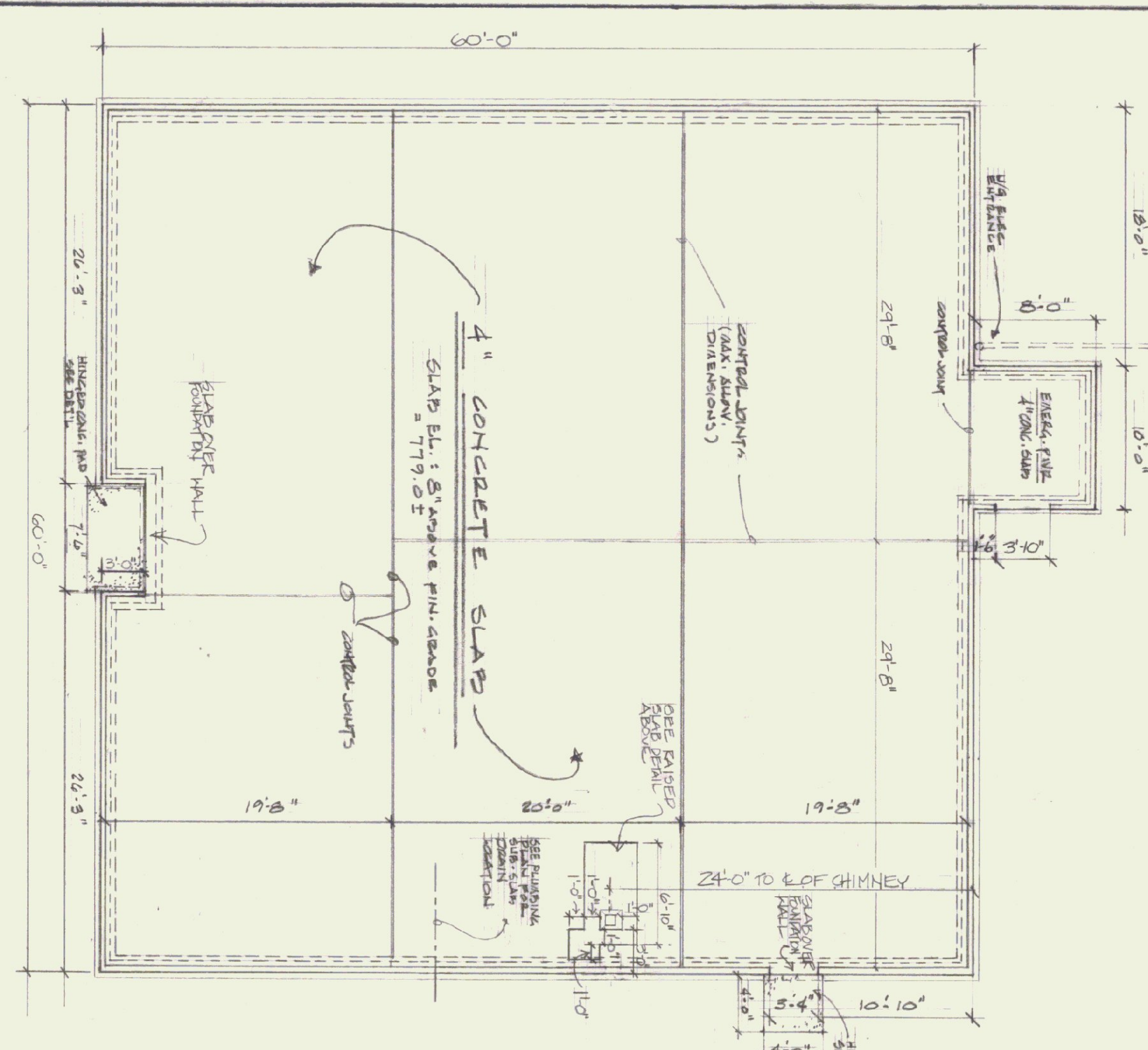


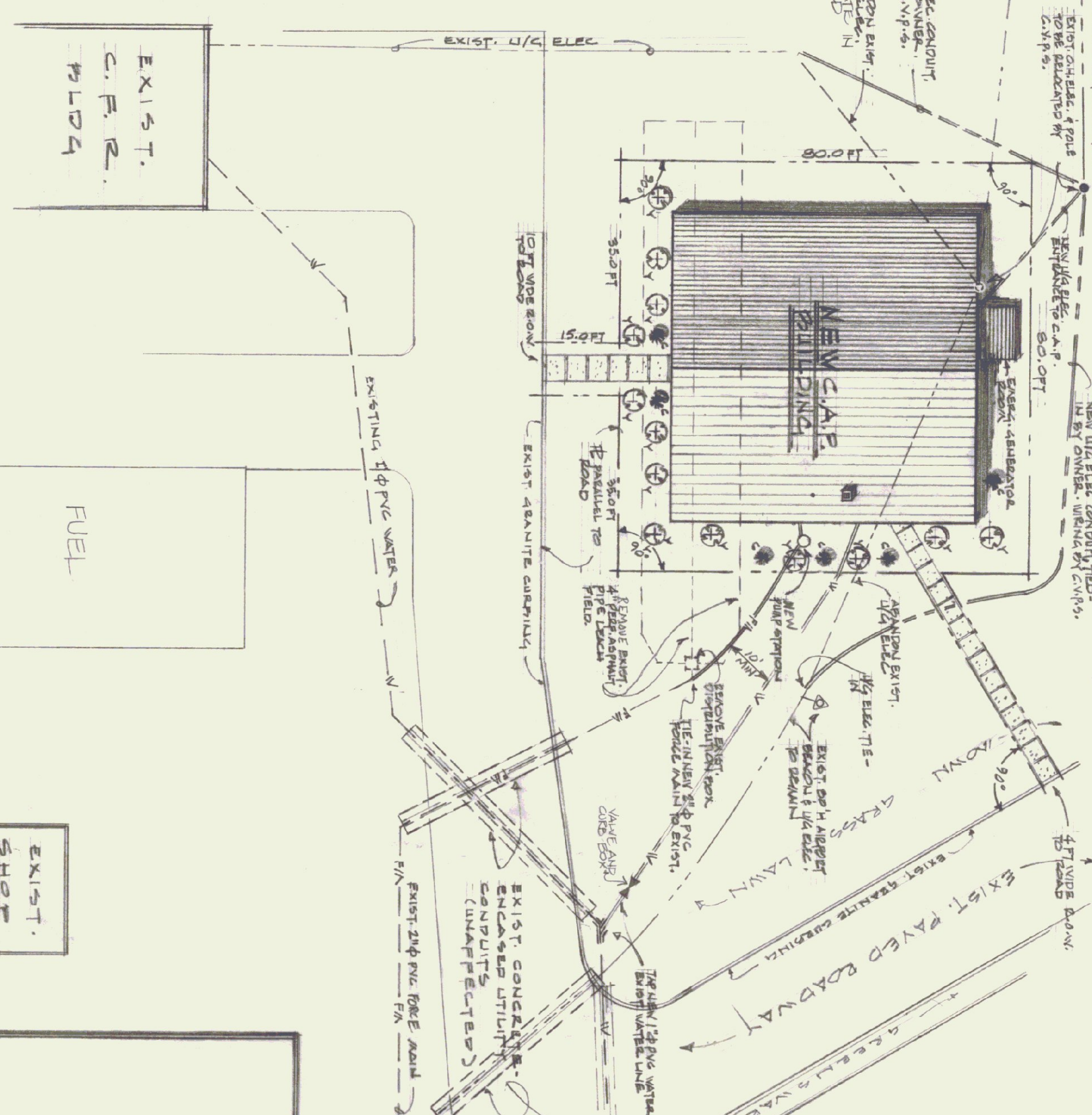
TRENCH DETAIL FOR PIPES AND CONDUITS



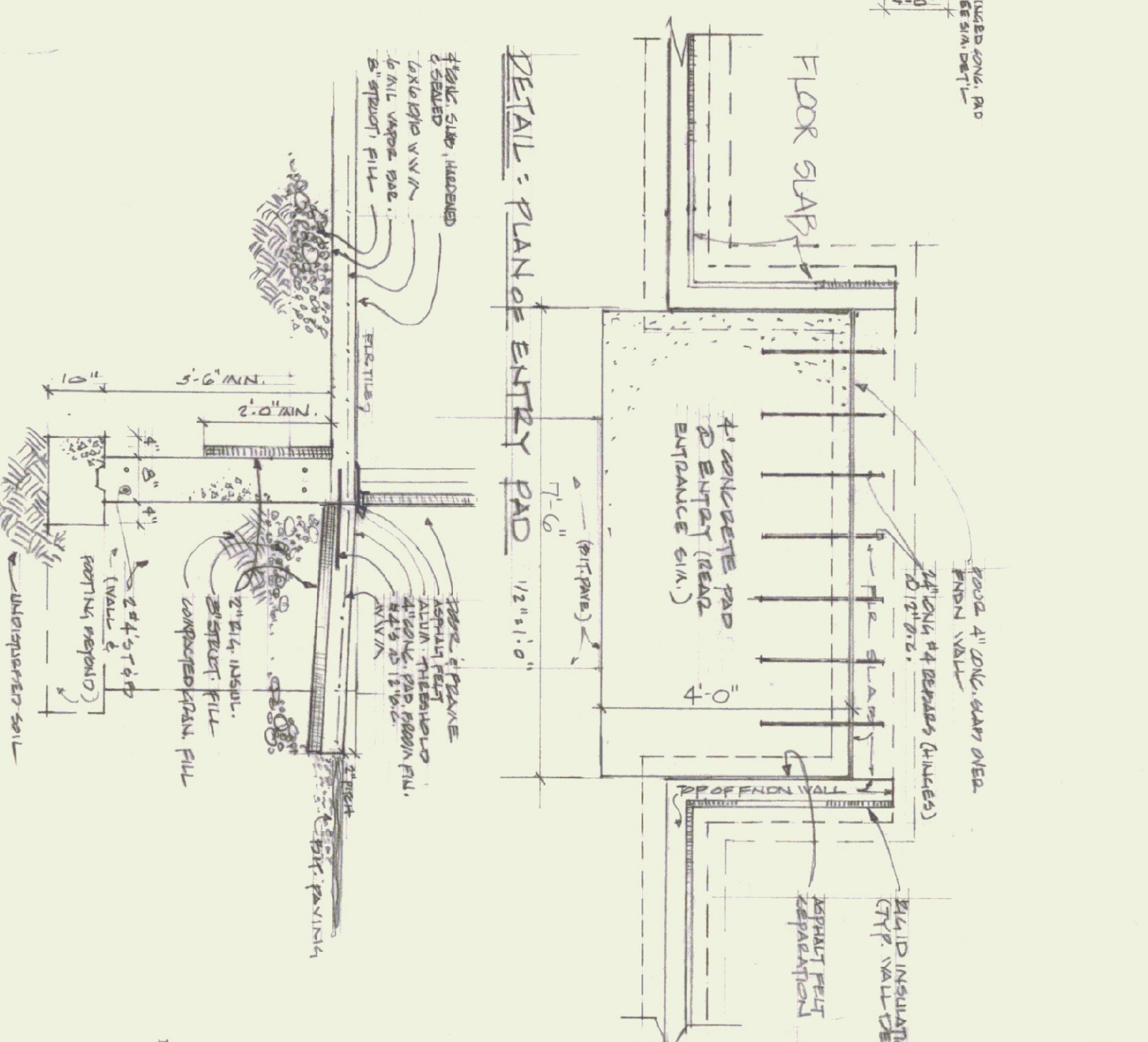
RAISED SLAB DETAIL



FOUNDATION PLAN
SCALE: 1/2" = 1'-0"



SITE PLAN
SCALE: 1" = 20'



DETAIL: SECTION OF ENTRY PAD 1/2" = 1'-0"

PAINTING SCHEDULE					
QTY	COMPN	DESCRIPTION	SIZE	COMPLETION	
6	WHITE	CEILING	2' x 2'	C	
6	WHITE	WALLS	2' x 2'	B	
6	WHITE	DOORS	2' x 2'	B	
6	WHITE	FLOORS	2' x 2'	B	
6	WHITE	TRUSS	2' x 2'	B	
6	WHITE	ROOF	2' x 2'	B	

GENERAL

1. The work of this project is the construction of the CIVIL AIR PATROL building and accompanying utility and site work, as shown. The Owner, C.A.P., will effect this construction by a structure of labor, materials, and equipment, and the Contractor shall be responsible for the completion of the work in accordance with the drawings and specifications. The Contractor shall be responsible for the completion of the work in accordance with the drawings and specifications. The Contractor shall be responsible for the completion of the work in accordance with the drawings and specifications.
2. The drawings and specifications are intended to be read and interpreted as a whole. No part of the drawings and specifications shall be construed in isolation. The Contractor shall be responsible for the completion of the work in accordance with the drawings and specifications.
3. Materials and equipment shown on the drawings and specifications shall be of the highest quality and shall be subject to inspection and approval by the architect. The Contractor shall be responsible for the completion of the work in accordance with the drawings and specifications.
4. The architect, department of state buildings, shall be notified of changes or deletions from these drawings and notes. The architect shall also be notified of errors or inconsistencies in the work or in the drawings, and any conditions affecting the integrity of the building or the timely completion of the project.
5. The standards of materials and workmanship under otherwise noted, will be the usual current and local grades and levels, normally applied to light-commercial buildings.

CONCRETE

1. Cast-in-place concrete to be 3000 psi temperature: 50° - 80°F, 2" - 4" slump; ready-mixed with no additives. Vertical and horizontal construction joints are to have 1" keyways. Slabs are to be mechanically troweled with max. 1/8"/10ft tolerance, and sealed & cured.
2. Reinforcing bars are ASTM A 615 grade 60 psi. Welded wire mesh is to be fish, properly supported, and lapped one mesh.
3. Defective areas including voids, cracks, spallings, and voids shall be repaired by wet-pack or dry-pack method.

MASONRY

1. Masonry masonry will be laid by a qualified mason where shown. The work includes columns 110 by 110, piers, corners, and copes, bracing and flashing at roof and fire-entry from structure.

CIVIL AIR PATROL BUILDING
Rutland Airport
North Clarendon, Vermont

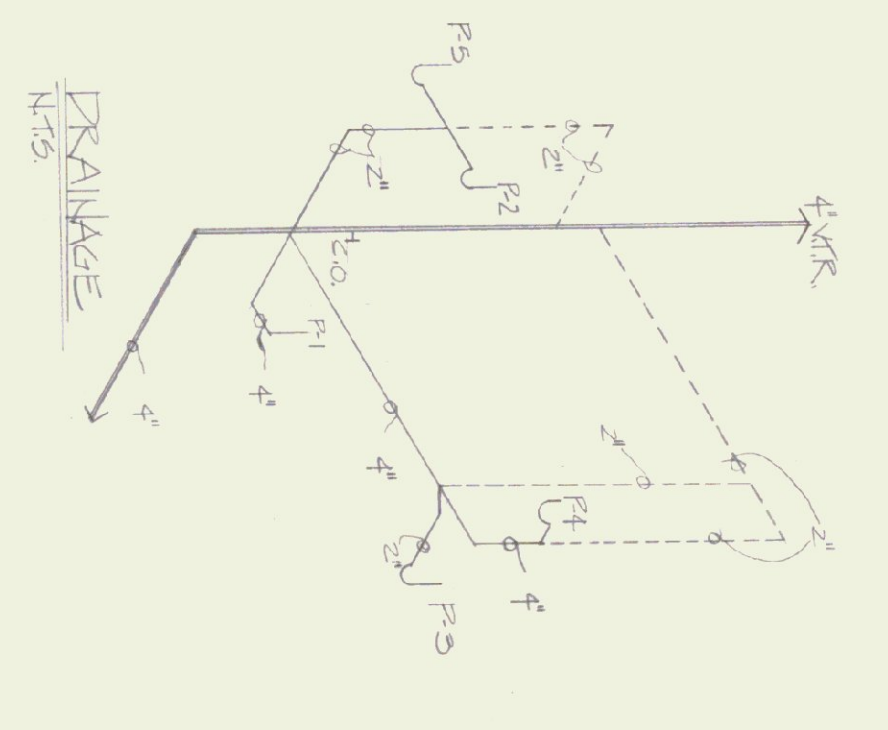
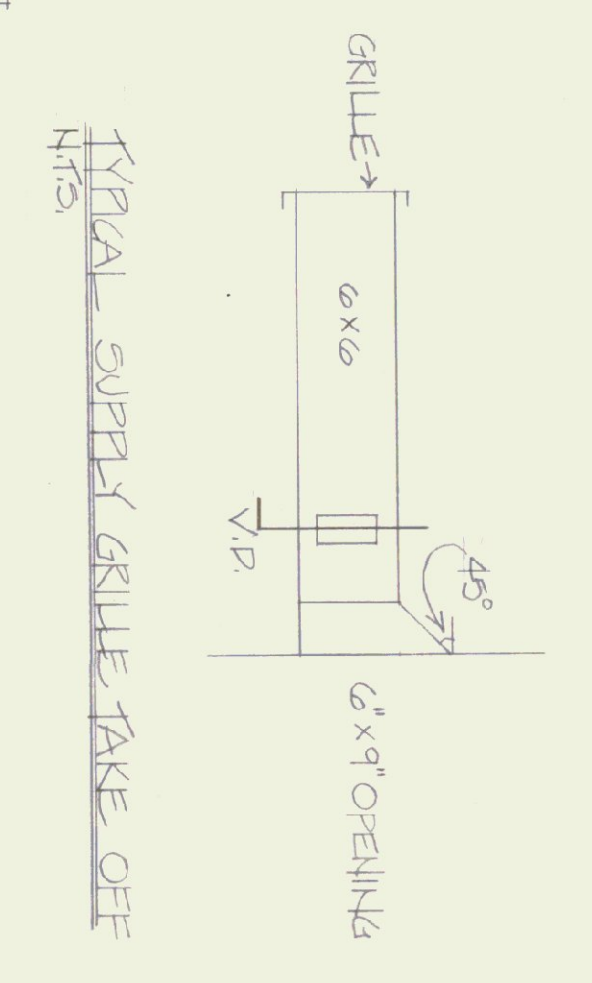
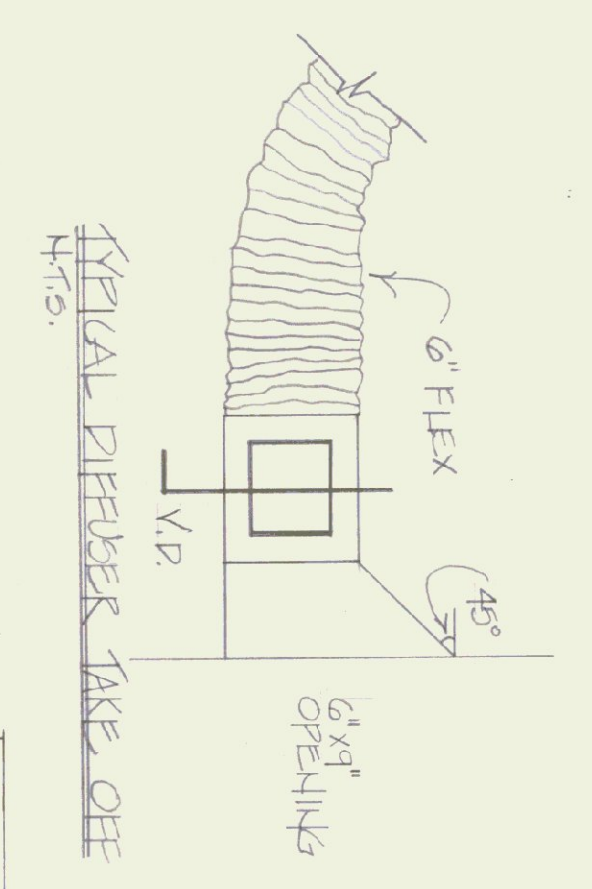
STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER, VERMONT

SITE UTILITIES
FOUNDATION

CIVIL AIR PATROL BUILDING
RUTLAND AIRPORT
NORTH CLARENDON

DATE: 09
SCALE: L.N.
DESIGNED BY: [Signature]
DRAWN BY: [Signature]

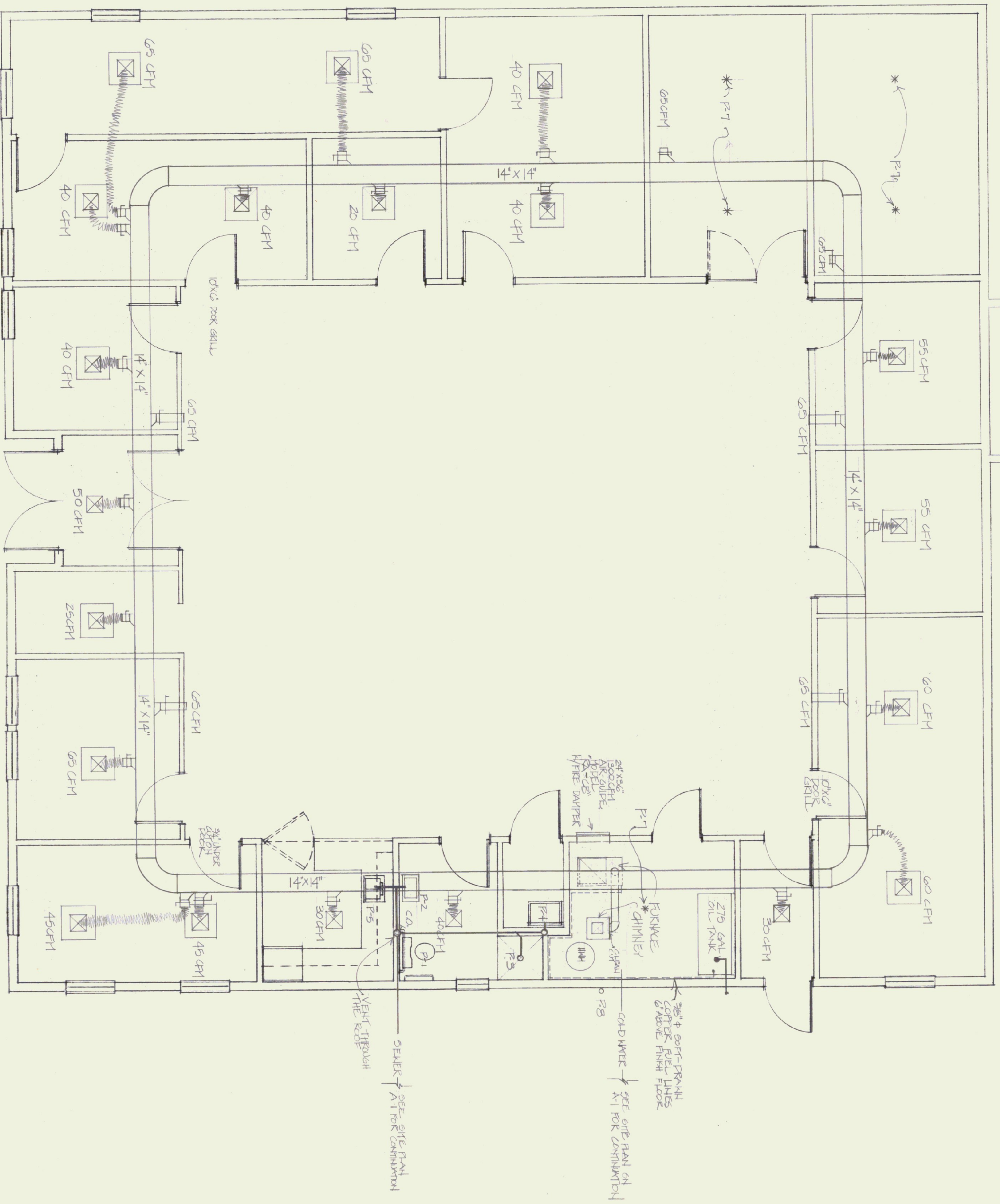
INDEX TO DRAWINGS
A-1 SITE UTILITIES, FOUNDATION
A-2 FLOOR PLAN, SCHEDULES
A-3 ELEVATIONS, SECTION, REPLICAS
A-1 PLUMBING / HEATING



RISER DIAGRAMS

PUMPBANK ROUGH-IN SCHEDULE

FIXTURE#	FIXTURE	SUPPLY	NOTE	VENT	REMARKS
P1	TOILET/TANK TYPE	1/2"	4"	4" (VTR)	
P2	LABATORY	1/2"	2"	2"	
P3	SHOWER	1/2"	2"	2"	
P4	SERVICE SINK	3/4"	4"	2"	
P5	KITCHEN SINK	1/2"	2"	2"	
P6	WATER HEATER	3/4"	N/A	N/A	ROUTE WITH FIT RELIEF VALVE
P7	SPRINKLER HEAD	N/A	1"	N/A	
P8	ROOF SILL COCK	N/A	3/4"	N/A	ROUTE WITH WOOD BENDER



HEATING & PUMPBANK FLOOR PLAN

NOTE: SEE REFLECTED CEILING PLAN X-3 FOR DIFFUSER LOCATIONS

- 1) Furnace shall be Carrier Model 58RU, upflow, size 085, Series 110-CV, output capacity 94,000 Btu/hr., 1300 CFM at .35" TSP. Furnace intake shall be equipped with a filter rack and filters.
- 2) Fuel tank shall be a 275 gallon, UL listed, above-ground tank.
- 3) Fuel tank accessories shall include:
 - a) Locking fill cap, 2", Universal 71M
 - b) Vent, 2", Universal 45-2
 - c) Vent/gauge combination, "Scally Ventalum gauge"
 - d) Heat activated valve, 3/8", "Firematic"
- 4) Ceiling diffusers shall be sized as shown:
 - a) for T-bar ceilings "Airguide" Model N1P-RM-QB-SR
 - b) for suspended drywall ceilings "Airguide" Model N1P-RM-QB-SR
- 5) Supply grilles shall be "Airguide" Model N1P-QB-PF
- 6) Return grille shall be "Airguide" Model N1P-QB
- 7) Ductwork shall be 24 gauge galvanized steel.
- 8) Electric heater shall be 1500 Watt, Counter flow heater with built in electric fan, 120V base, suitable for surface mounting. Stock #23454 with 23466 housing.
- 9) Toilet shall be American Standard, 2108-SER, "Elongated Cadet" with "Aqua-guard" tank liner and open front seat.
- 10) Lavatory shall be wall hung American Standard, 0355, 012, "Tacome Lavatory", 20" x 18" with 4" centers, and wall bracket. Fittings shall be Delta, Series 500, Model 520, or American Standard "Ceramik" Model 2000, 101, single lever, central faucet with pop-up drain.
- 11) Shower shall be Universal-Remble, "Sumit" 365" Model 6066R with 4539-0055 flange base assembly with grab bar and vacuum breaker. Delta Series 600, Model 603, or American Standard "Ceramik" Model 2000, 500 with pressure balance, and stops.
- 12) Service sink shall be American Standard, "Takewell" service sink Model 7692, 023, 18" x 22", enameled cast-iron. Provide with wall hanger, 3" P-trap, and American Standard "Heritage" service sink faucet #8340, 242.
- 13) Kitchen sink shall be Elkay, simple compartment, 18 gauge stainless steel sink, Model LR-2222, 19 x 16 x 7 1/2, with a four hole faucet deck. Fittings shall be Delta Series 400, Model 400, or American Standard "Ceramik" Model 2000, 641, faucet with separate spray. Drain shall be a stainless body Duo strainer with cap strainer.
- 14) Sprinkler head shall be Intermediate range, Viking "Micromatic" with chrome plated frame.
 - a) Bishops:
 - b) Water piping shall be soft-drawn type-L copper with flare type fittings.
 - c) Sanitary waste and vent piping:
 - 1) Below grade: schedule 40 galvanized steel, service weight cast iron or 1/2" copper.
 - 2) Above grade: schedule 40 galvanized steel, service weight cast iron or type-K soft drawn copper.
 - d) New water service piping to be schedule 40 PVC with solvent welded joints or type-K soft drawn copper.
 - e) All interior water piping shall be insulated. Insulation shall be 1" fiberglass with an all service gasket or 1" "Yamaflo".
- 15) Water heater shall be a Bradford-White Model M2005S, 20 gallon water heater with a 6 gph recovery of 100°F.
- 16) All piping shall be installed in accordance with the National Plumbing Code, and all other locally applicable requirements.
- 17) All piping shall be inspected prior to concealing: underground, in wall, ceilings, etc.

XVI ELECTRICAL

- 1) Electrical work is to comply with National Electric Code and other applicable codes and regulations. Electrical items are located on drawings P-1 (Site service and pump station), A-2 (Electric Panel), wall outlets, light switches, emergency lighting, A-3 (Light Fixtures), and M-1 (Furnace, electric water heater and unit heater). Work is to be supervised by a Certified Master Electrician and inspected before being covered.

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

PLUMBING / HEATING

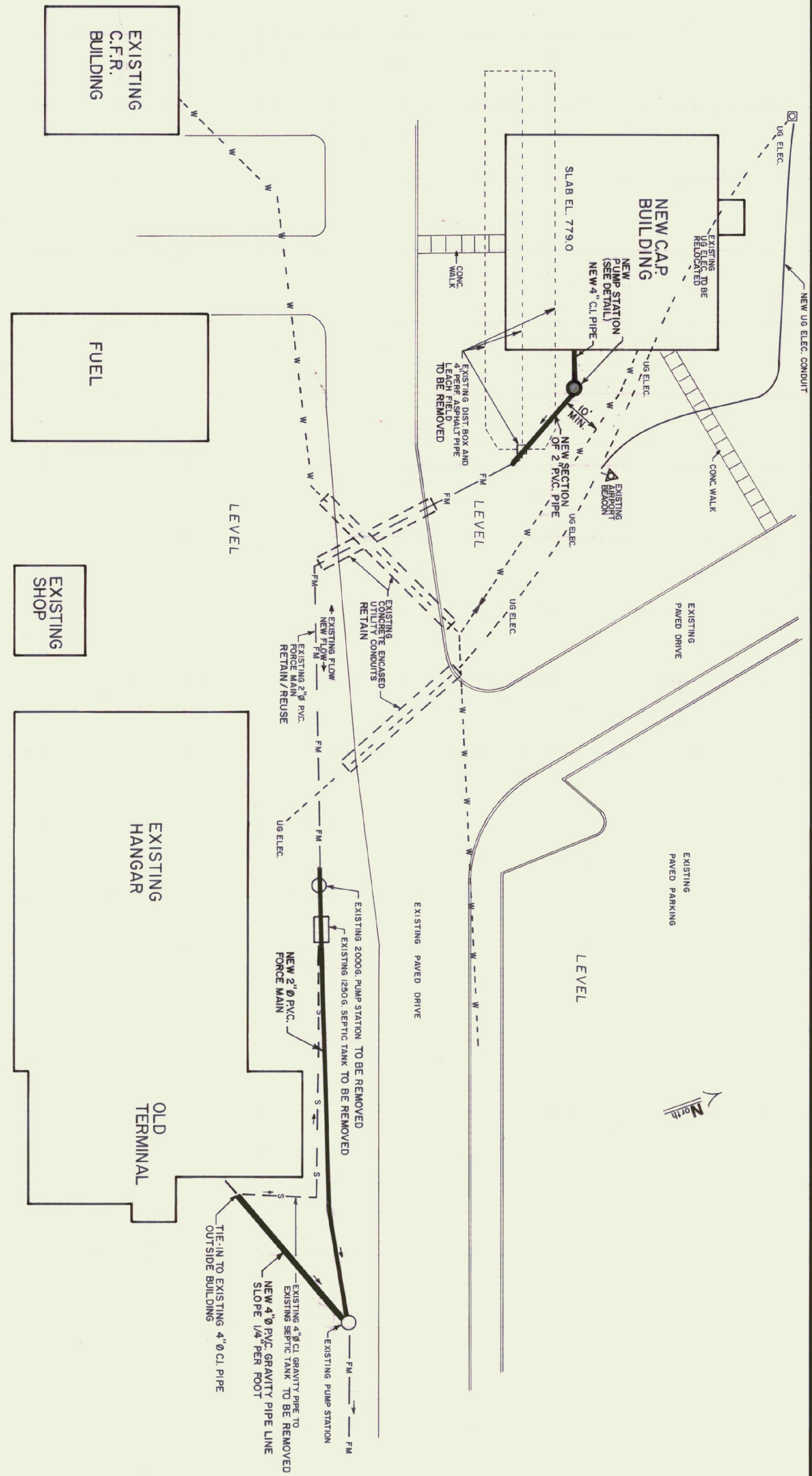
CIVIL AIR PATROL BUILDING
RUTLAND AIR FORCE BASE
NOTED CHANGES

SCALE: 1/4" = 1'-0"

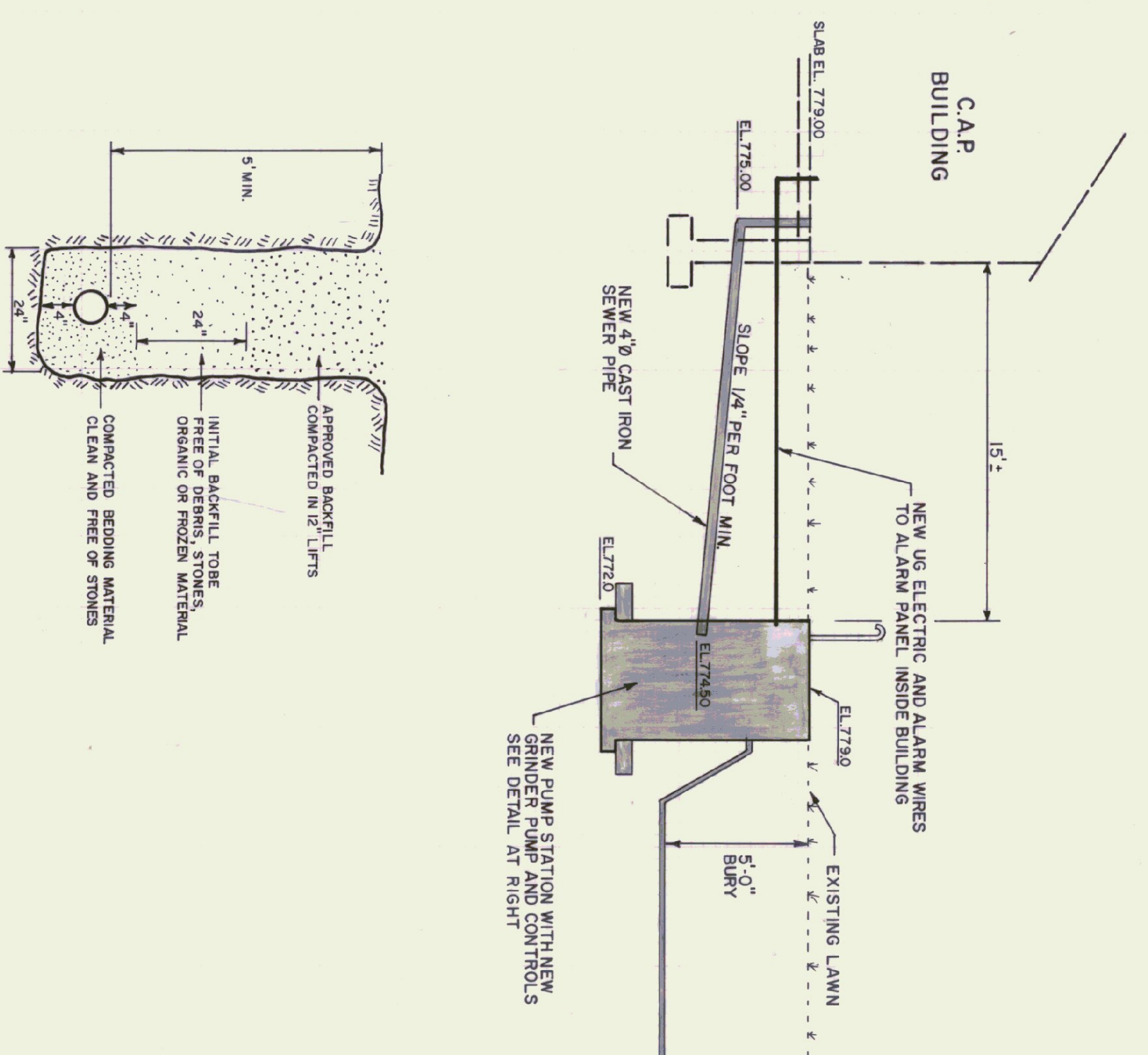
DATE: 09/09/09
SCALE: A.M.N.
DRAWN BY: L. HENDERSON
APPROVED BY: [Signature]

REVISIONS:
DATE: 09/09/09
BY: [Signature]

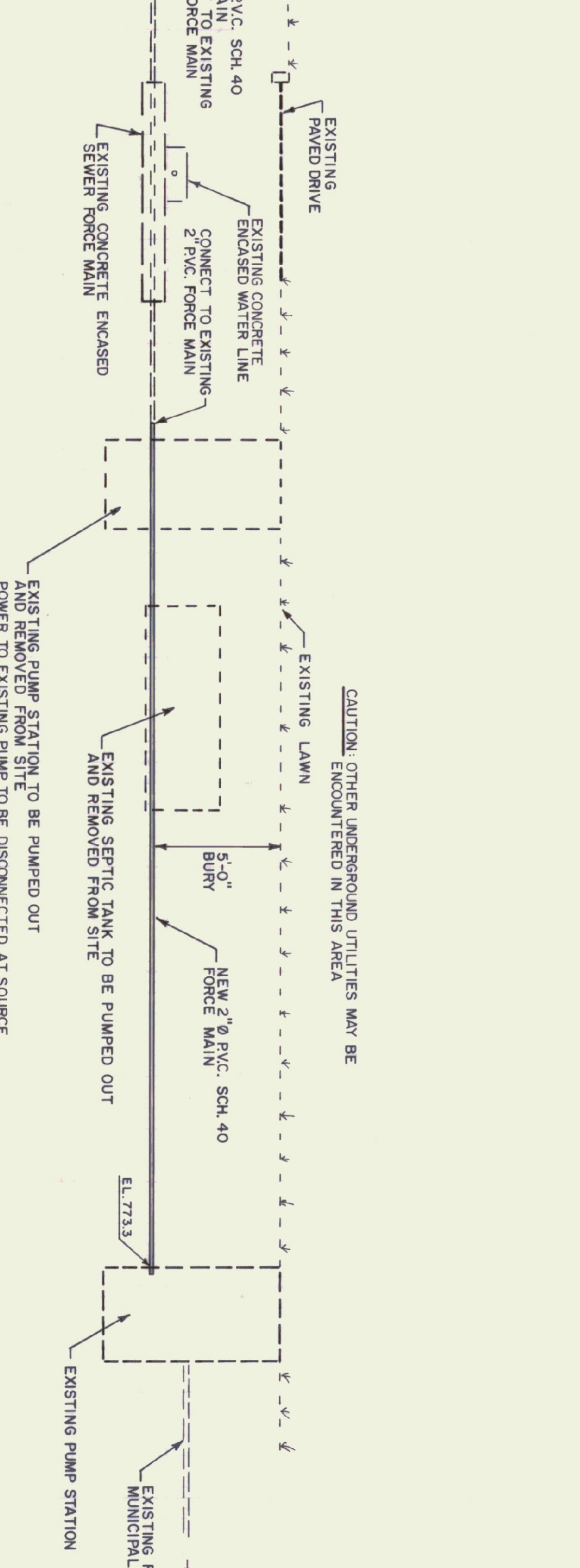
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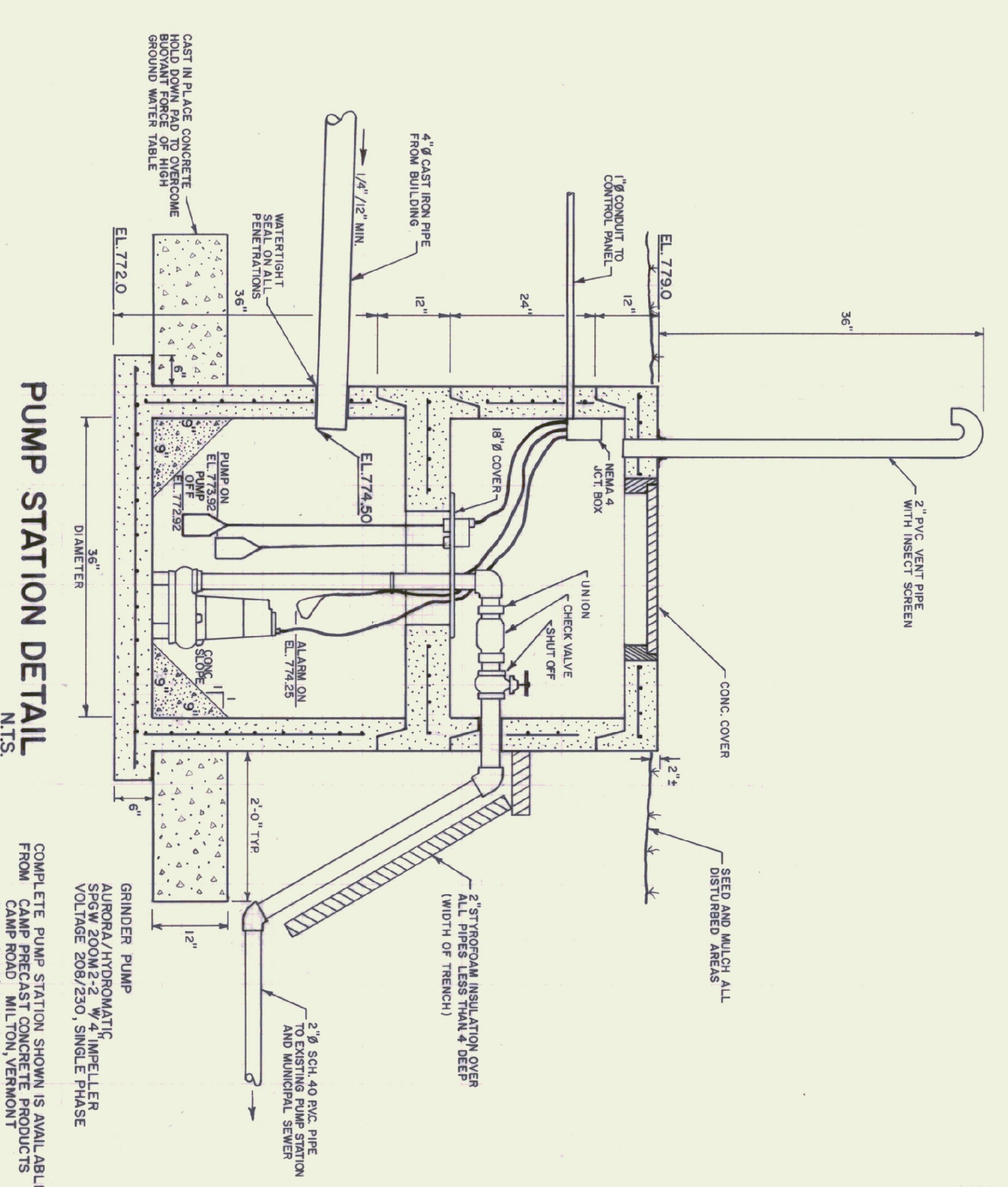
SITE PLAN
1"=20'-0"



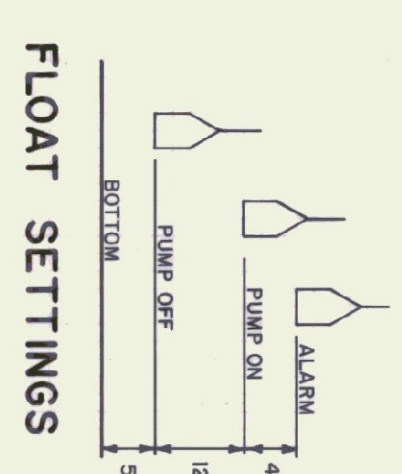
TRENCH DETAIL
N.T.S.



SEWER PROFILE
N.T.S.



PUMP STATION DETAIL
N.T.S.



FLOAT SETTINGS

DESIGN DATA

DESIGN FLOW 100 GPD.
DOSE 2 TIMES PER DAY ±

DESIGN FLOW FOR THIS SPORADICALLY USED BUILDING IS ESTIMATED BASED ON A PEAK DAY WITH THE EQUIVALENT OF 6 OFFICE WORKERS IN THE BUILDING FOR AN 8 HOUR SHIFT.
(6 x 15 GPD. = 90 GPD. ROUNDED TO 100 GPD.)

STATE OF VERMONT		RUTLAND STATE AIRPORT	
DEPARTMENT OF STATE BUILDINGS		N. CLARENDON, VERMONT	
AGENCY OF ADMINISTRATION		VERMONT	
MONTPELIER		SEWER CONNECTION	
DATE:	MAY 1991	SCALE:	AS NOTED
DRAWN BY:	S.K. JANAWICZ	APPROVED BY:	J.A. RICHARDSON
REVISIONS:		DWG. NO.:	