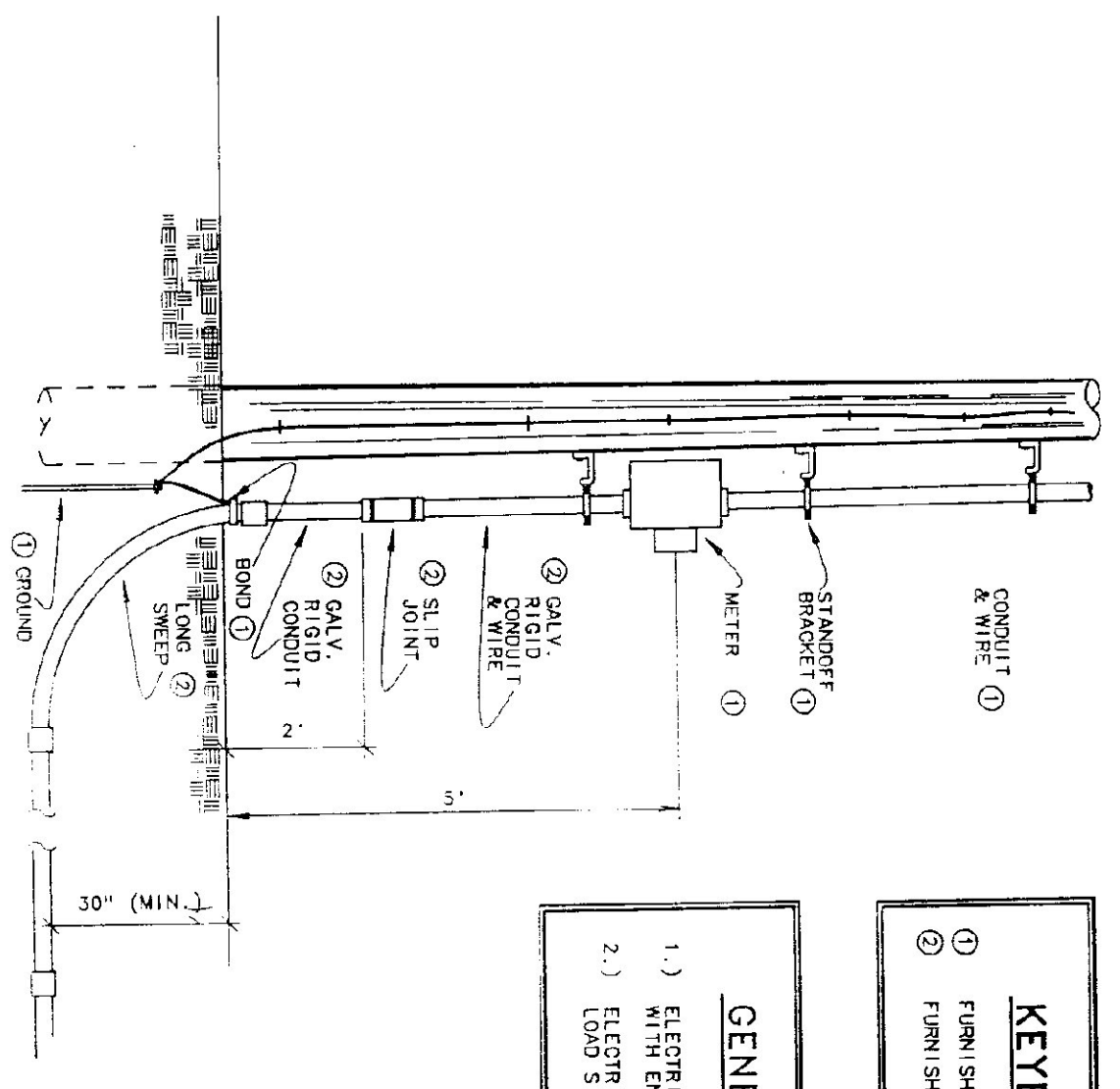


1. COMPACTED BACKFILL
2. PIPE BEDDING - COMPACTED SAND, GRAVEL OR CRUSHED STONE.
3. 30" MINIMUM
4. 8" MINIMUM
5. MARKING TAPE - SEE SPECIFICATIONS
6. MAINTAIN MIN. 12" SEPARATION BETWEEN CONDUITS (TYP)

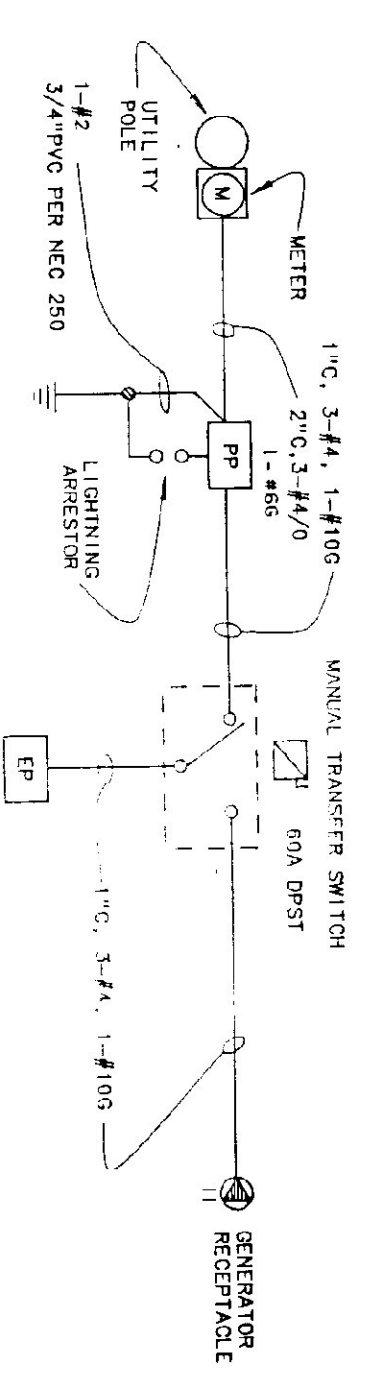
UNDERGROUND SERVICE TRENCH DETAIL
NO SCALE

KEYED NOTES
 ① FURNISHED & INSTALLED BY ENGBURG FALLS WATER & LIGHT DEPT.
 ② FURNISHED AND INSTALLED BY E. C.

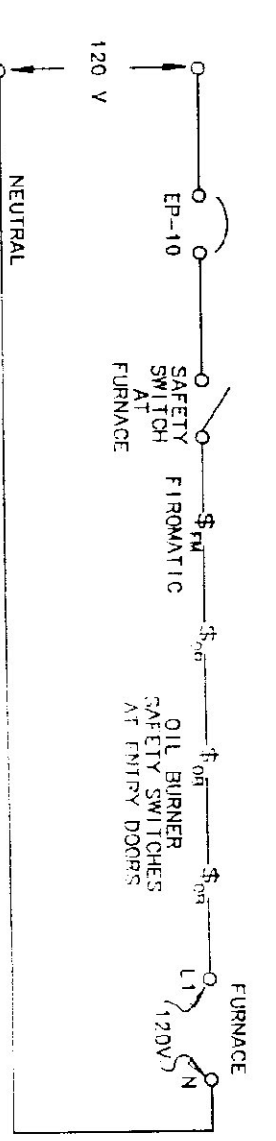
GENERAL NOTES
 1.) ELECTRICAL CONTRACTOR TO CO-ORDINATE SERVICE INSTALLATION WITH ENGBURG FALLS WATER & LIGHT DEPT.
 2.) ELECTRICAL CONTRACTOR PROVIDES CONDUIT & WIRE TO LOAD SIDE OF BOX.



CONDUIT RISER DETAIL
NO SCALE



ELECTRIC SERVICE ONE LINE DIAGRAM
NO SCALE



OIL BURNER ONE LINE DIAGRAM
NO SCALE

PANEL DESIGNATORS

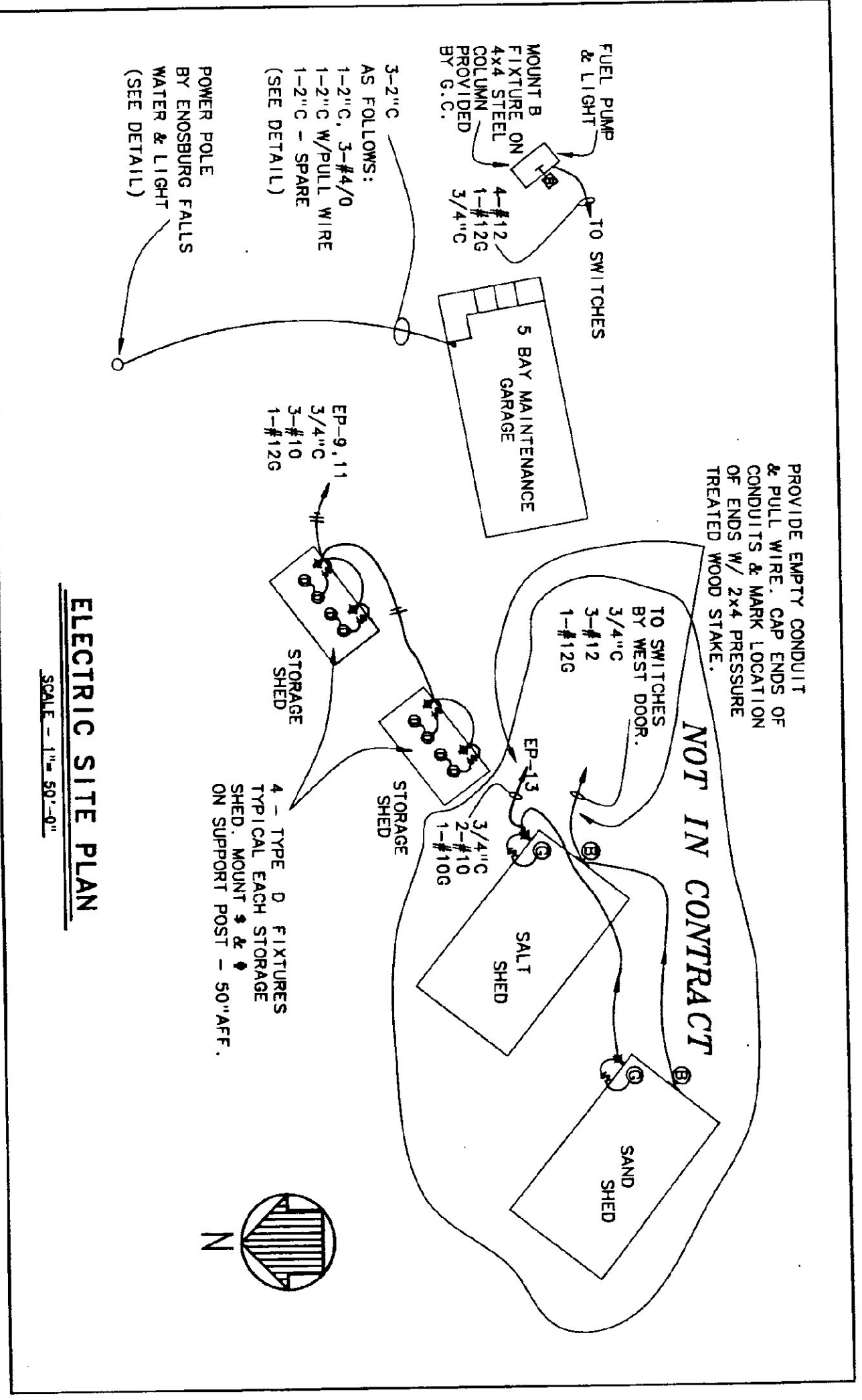
PANEL: PP MOUNTING: SURFACE MAINS: 200 AMP 2 W, MAIN CIRCUIT BREAKER, 120/240 V, 1 PH, 3W BRANCHES: AS SHOWN CONNECTED LOAD: 55 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P AMP			
1	1.0	WATER HEATER	1	20	LIGHTING	1.4	2
3	.5	WOOD FURNACE	2	20	AIR COMPRESSOR	5	4
5	-	-	-	-	-	-	6
7	.2	CIRC. PUMP	1	15	EXHAUST FAN	1.5	8
9	10.0	WELDING OUTLET	2	50	-	-	10
11	-	-	-	-	RECEPTACLES	1.2	12
13	.5	RECEPTACLES	1	20	RECEPTACLES	1.2	14
16	.5	RECEPTACLES	1	20	RECEPTACLES	.7	16
17	1.4	RECEPTACLES	1	20	SPARE	-	18
19	9.6	PANEL EP	2	60	SPARE	-	20
21	-	-	-	-	SPACE	-	22
23	-	-	-	-	SPACE	-	24
25	-	-	-	-	SPACE	-	26
27	-	-	-	-	SPACE	-	28
29	-	-	-	-	SPACE	-	30
31	-	-	-	-	SPACE	-	32
33	-	-	-	-	SPACE	-	34
35	-	-	-	-	SPACE	-	36
37	-	-	-	-	SPACE	-	38
39	-	-	-	-	SPACE	-	40

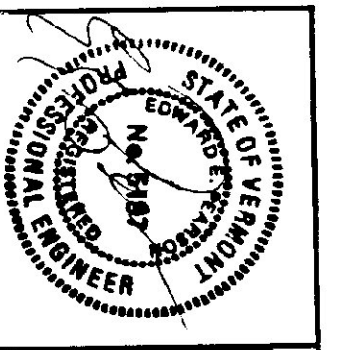
PANEL DESIGNATORS

PANEL: EP MOUNTING: SURFACE MAINS: 60 A . 2 P . MCB, 120/240 V, 1 PH, 3 W BRANCHES: AS SHOWN CONNECTED LOAD: 9.6 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER		DESCRIPTION	KW LOAD	CKT NO.
			P AMP	P AMP			
1	.6	LIGHTING	1	20	RECEPTACLES	1.0	2
3	.8	LIGHTING	1	20	OVERHEAD DOORS	1.5	4
5	.3	OUTSD. LIGHTING	1	20	OVERHEAD DOORS	1.0	6
7	-	SPACE	1	20	OIL TRANS. PUMP	.5	8
9	.6	STORAGE SHED#1	1	20	OIL FURNACE	.5	10
11	.6	STORAGE SHED#2	1	20	GAS PUMP/LIGHT (NEUTRAL DISC.)	1.3	12
13	.2	SALT/SAND SHED	1	20	-	-	14
15	.2	SALT/SAND SHED	1	20	SPARE	-	16
17	-	SPACE	1	20	SPACE	-	18
19	-	SPACE	-	-	SPACE	-	20
21	-	SPACE	-	-	SPACE	-	22
23	-	SPACE	-	-	SPACE	-	24



ELECTRIC SITE PLAN
SCALE - 1" = 50'-0"



Peterson & Associates
 MECHANICAL & ELECTRICAL ENGINEERS
 P.O. BOX 610 STONE, VERMONT 05672
 TEL. (802) 253-9807 FAX (802) 253-9290

STATE OF VERMONT
 DEPARTMENT OF STATE BUILDINGS
 AGENCY OF ADMINISTRATION
 VERMONT

MONTPELLIER
 SITE PLAN, SCHEDULES & DETAILS
 VERMONT AGENCY OF TRANSPORTATION
 5 BAY MAINTENANCE GARAGE
 ENOSBURG FALLS
 VERMONT

DATE: 06/03/91 SCALE: AS SHOWN
 DRAWN BY: B.W.M. APPROVED BY: [Signature]
 REVISIONS: [Table]
 DWG NO. E-3
 24 OF 24