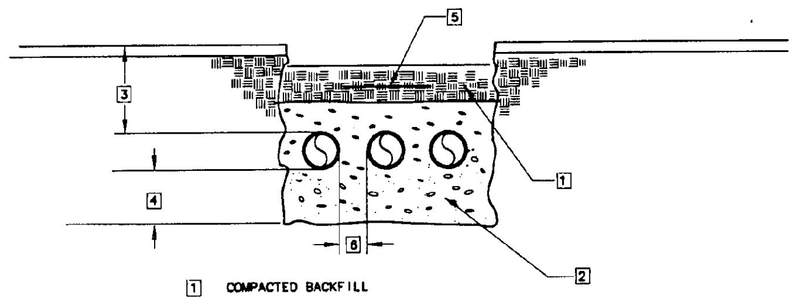


1 COMPACTED BACKFILL

2 PIPE BEDDING – COMPACTED SAND, GRAVEL OR CRUSHED STONE.

3 30" MINIMUM

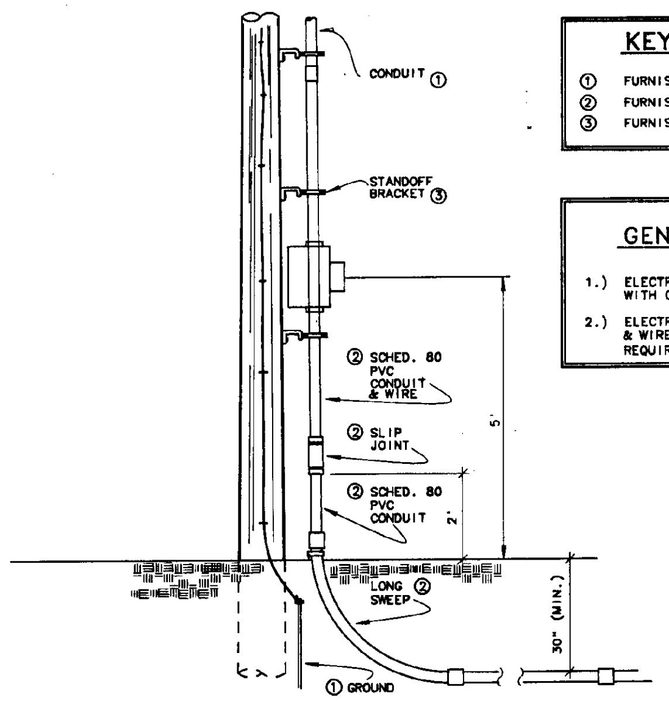
4 6" MINIMUM COMPACTED SAND ABOVE & BELOW CONDUIT

5 MARKING TAPE – SEE SPECIFICATIONS

6 MAINTAIN MIN. 12" SEPARATION BETWEEN CONDUITS (TYP)

UNDERGROUND SERVICE TRENCH DETAIL

NO SCALE



CONDUIT RISER DETAIL

NO SCALE

KEYED NOTES

① FURNISHED & INSTALLED BY CVPS

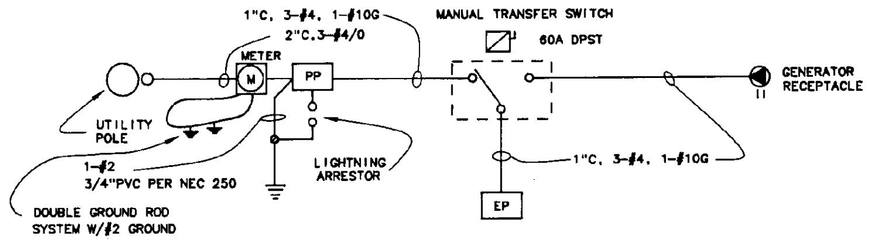
② FURNISHED AND INSTALLED BY E.C.

③ FURNISHED BY CVPS & INSTALLED BY EC

GENERAL NOTES

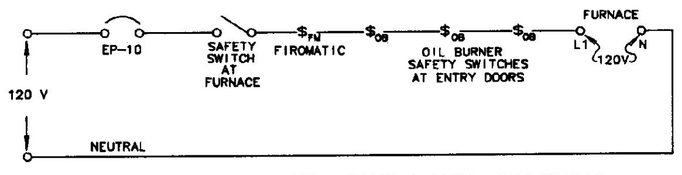
1.) ELECTRICAL CONTRACTOR TO CO-ORDINATE SERVICE INSTALLATION WITH CVPS

2.) ELECTRICAL CONTRACTOR PROVIDES CONDUIT, ONE LENGTH UP POLE, & WIRE TO REACH SECONDARY AS PER CVPS TRANSFORMER REQUIREMENTS.



ELECTRIC SERVICE ONE LINE DIAGRAM

NO SCALE



OIL BURNER ONE LINE DIAGRAM

NO SCALE

PANEL DESIGNATORS

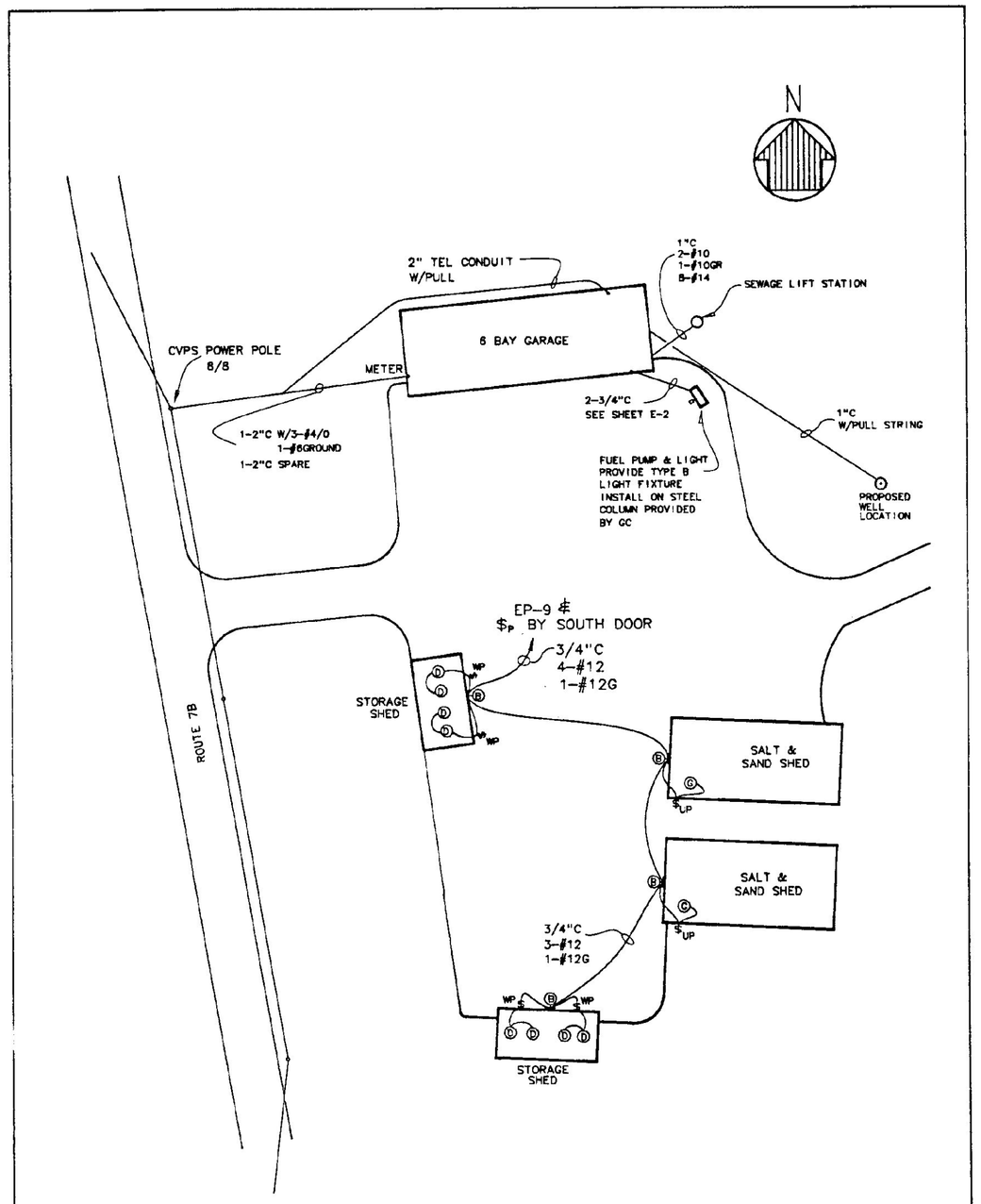
PANEL: EP MOUNTING: SURFACE
MAINS: 60 A - 2 P - MCB, 120/240 V, 1 PH, 3 W
BRANCHES: AS SHOWN
CONNECTED LOAD: 9.6 KW

CKT NO.	KW LOAD	DESCRIPTION	BREAKER P	BREAKER AMP	BREAKER AMP	BREAKER P	DESCRIPTION	KW LOAD	CKT NO.
1	.7	LIGHTING	1	20	20	1	RECEPTACLES	1.0	2
3	.7	LIGHTING	1	20	40	1	OVERHEAD DRS.	1.5	4
5	.8	LIGHTING	1	20	30	1	OVERHEAD DRS.	1.0	6
7	.6	OUTSD.LIGHTING	1	20	20	1	OIL TRANS.PUMP	.5	8
9	.6	INT. SHED LIGHTS	1	20	20	1	OIL FURNACE	.5	10
11	.5	EXT. SHED LIGHTS	1	20	20	1	GAS PUMP LIGHT	-	12
13	1.0	WATER PUMP	2	20	-	-	(NEUTRAL DISC.)	-	14
15			-	-	20	2	GAS PUMP	1.5	16
17	.5	SEWER PUMP	1	20	-	-	-- --		18
19		SPACE					(NEUTRAL DISC.)		20
21		SPACE					SPACE		22
23		SPACE					SPACE		24

PANEL DESIGNATORS

PANEL: PP MOUNTING: SURFACE
MAINS: 200 Amp - 2 Pole - MCB, 120/240 Volt, 1 Phase, 3 Wire
BRANCHES: AS SHOWN
CONNECTED LOAD: 35 KW
UL LABELED FOR SERVICE ENTRANCE

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



ELECTRIC SITE PLAN

SCALE – 1"= 50'-0"

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

FIRST FLOOR LIGHTING PLAN
VERMONT AGENCY OF TRANSPORTATION
6 BAY MAINTENANCE GARAGE
CLARENDON VERMONT

STATE OF VERMONT ERNEST E. PEARSON No. 5197 REGISTERED PROFESSIONAL ENGINEER

Pearson & Associates
MECHANICAL & ELECTRICAL ENGINEERS
P.O. BOX 610 STOWE, VERMONT 05672
TEL. (802) 253-9607 FAX (802) 253-9290

DATE:	SCALE:	CAD FILE:	DWG NO.
06/09/93	AS SHOWN	PS-CL-E3	E-3
DRAWN BY: B.W.M	APPROVED BY:	REVISIONS:	