

SERVICE DROP (0 - 750 volt)	
TYPE OF CLEARANCE	HEIGHT IN FEET
1. Roads, streets and other areas subject to truck traffic.	16
2. Driveways, parking lots and alleys.	16
3. Spaces and ways subject to pedestrians or restricted traffic only. NO TRUCKS	12

Fig. 2
CLEARANCE CHART

ITEM	DESCRIPTION
1	Post, minimum dimension 6" X 6" X 20". (See Note 4 and 5, Sheet 1)
2	UTILITY installed, secondary deadend clevis and insulator or screw knob.
3	Customer service conductors terminate here.
4	Approved, customer owned weatherhead. Install 18" maximum from post top.
5	Conduit supports as required.
6	Approved, customer owned service cables. 3" minimum length. Neutral clearly marked with white tape.
7	Conduit, rigid galvanized 2" I.D.
8	Meter socket, 4-jaw 120/240 volt, Maximum 200 amp.
9	Backing board as required for support. 1/2" minimum thickness pressure treated plywood.
10	NEMA Type 3 weather proof enclosure minimum. Combination meter socket panel with main breaker/disconnect.
11	Weather proof outlets, Ground Fault Circuit Interruptor (GFI) as required by the National Electric Code.
12	Ground wire, #4 Copper min bare or armor clad. (Larger sizes as required by the National Electric Code)
13	Grounding clamp (See Note 8, Sheet 1)
14	Ground rod, 6/8" X 8' minimum. (See Note 8, Sheet 1)
15	Brace, 2" X 4" minimum. Length as required. Installed at least 12" above ground and staked at least 8' from post.
16	Stake, 2" X 4" minimum. Solidly driven 24" minimum. Located 6' minimum from service post.
17	UTILITY installed, overhead service conductor. (See Note (a) Sheet 3)
18	Clearance above ground. (See Fig. 2, Sheet 3)

NOTES:

- Consult the Electric Dept. for exact location of City System and placement of post.
- The Service Connection at the post top and to the City System shall be made by Electric Dept. personnel only. Customer is to contact the Electric Department, when ready for inspection and hook-up.
- Customer shall not climb on or scale service post while it is attached City System and energized, doing so can result in injury to personnel and/or costly damage to utility plant reimbursed by the customer at actual cost of repair.
- The temporary service post is to be at least 20 feet long. Additional length may be required in order to provide service drop clearance as in Fig. 2 Sheet 3.
- The temporary service post is to be set a minimum of 4 feet in firm ground or well tamped back fill.
- The temporary service post is to be adequately braced to support at its top both a man on a ladder and a service drop tension of 800 pounds. A minimum of 2" by 4" braces at right angles to each other, with one in line with the service drop, are to be installed. Braces are to be well spiked flat against the side of the post at least 12 feet above ground and to solidly driven 2" by 4" stakes 2 feet minimum located 8 feet minimum from the service post.
- There is to be no excavation near the temporary service post or its braces which might reduce its stability.
- Temporary Construction Power will be provided at customers expense.

DATE 03/22/95	SCALE	DESIGN BY	APPROVED BY <i>Stanley</i>	REVISION NO. DESCRIPTION	REV. DATE
ENGINEERING STANDARD					SUPERSEDES
TEMPORARY OVERHEAD ELECTRIC SERVICE					SUPERSEDES BY
SINGLE PHASE 120/240 - 200 AMPS MAXIMUM					SHEET NO. 3 OF 3 SHEETS
CITY AND BOROUGH OF SITKA ELECTRICAL DEPARTMENT					DRAWING NUMBER 0300-001
					REV.

