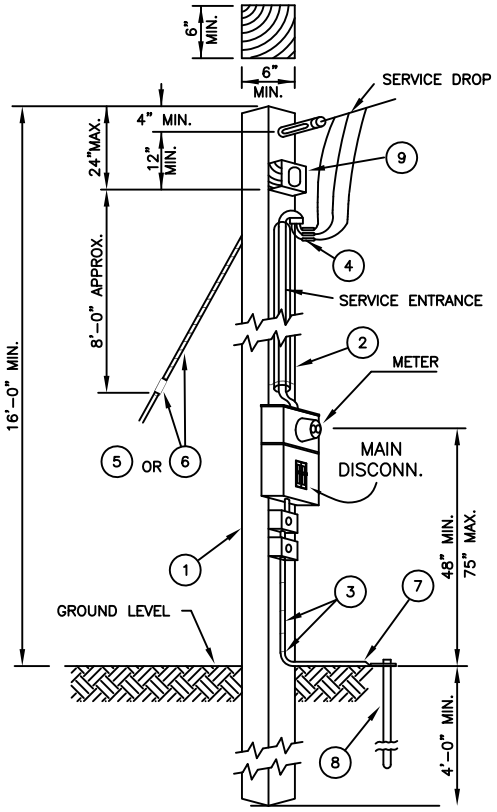
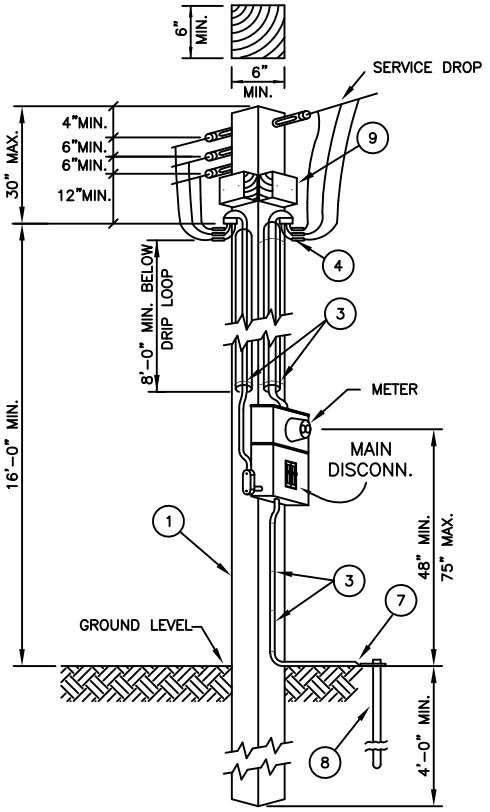
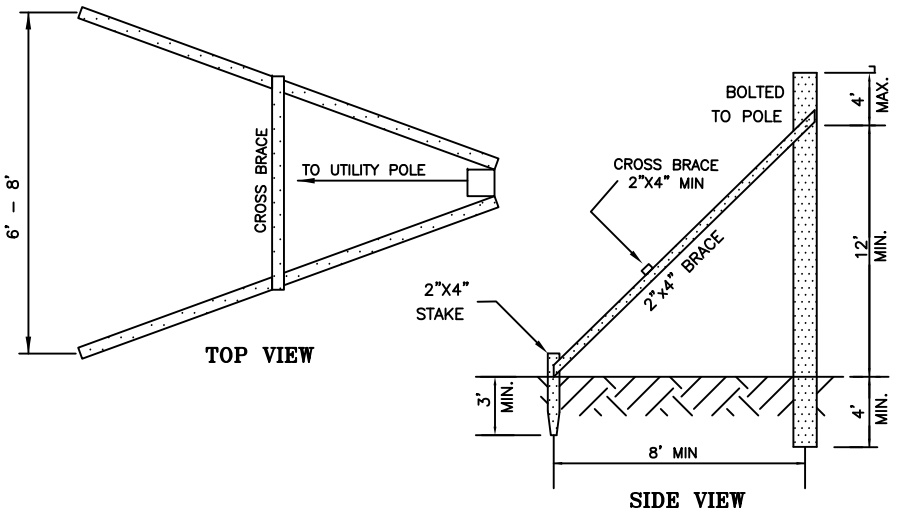
SERVICE DROP CABLE TO RECEPTACLES



SERVICE DROP CABLE TO OVERHEAD LINE



WOOD BRACE



RECOMMENDED SERVICE ENTRANCE CONDUCTOR

Service Voltage (Volts)	Main Service (Amps)	Customer's Minimum Conduit Size	CPAU Aproved Conductor Size AL	CPAU Aproved Conductor Size CU
120/240 1-phase 3 wire	125	2"	1/0	2
	200	2"	4/0	2/0
	400*	4"	750	500
120/208 1-phase 3 wire	200	2"	4/0	2/0

* Note: Class 320 (Residential only)

NOTES:

1. POLE – 6"X 6"X 20'–0" (MIN. LENGTH)
2. CONDUIT – GALV. RIGID STEEL, EMT, OR PVC SCH 40
3. CONDUIT – GALV. RIGID STEEL WITH PIPE STRAP
4. WIRE, INSULATED, SIZE AS REQ'D. (24" MIN. EXTENSION FROM WEATHERHEAD FOR DRIP LOOP)
5. GUY CABLE – 1/4" MIN. GALV. STEEL WITH GUY STRAIN INSULATOR (10,000 LB. MIN.), ANCHOR AND FITTINGS.
6. PUSH BRACE – TWO 2" X 4" MIN. TIMBER (BOLTED TO POLE) WITH CROSS BRACE.
7. CONDUIT GROUNDING HUB AND CLAMP
8. GROUND – 5/8" X 8' ROD
9. WOOD BLOCK – 4" X 4" X 6"

LOCATE SERVICE POLES SUCH THAT:

- IT IS ON PRIVATE PROPERTY ONLY.
- IT IS AT LEAST 10' BUT NO MORE THAN 100' FROM THE UTILITY POLE.
- THERE IS A CLEAR UNOBSTRUCTED PATH TO THE UTILITY POLE FOR THE SERVICE DROP.
- IT DOES NOT REQUIRE THE SERVICE DROP TO CROSS OVER ANY BUILDINGS OR OTHER PROPERTY.
- CONTACT UTILITIES ELECTRIC ENGINEERING AT (650) 566–4500 IF THERE ARE QUESTIONS ON PLACEMENT.

REV	DATE	DESCRIPTION	APPR
4	6/13	REVISED NOTES, 2 BRACES	TT
3	11/08	REVISED	TT
2	12/06	REVISED	TOPETE
1	6/99	REVISED	FINCH

APPROVED 12/2006

Original Signed and Approved by Engineering Manager

ENGR MANAGER

ENGR PEV

DRAWN MJ

CHECKED PEV

ENGINEERING STANDARD

OVERHEAD TEMPORARY SERVICE

CITY OF PALO ALTO
CALIFORNIA

NTS	SR–TS–O–1006	1 of 1
SCALE	STANDARD NO.	SHEET NO.