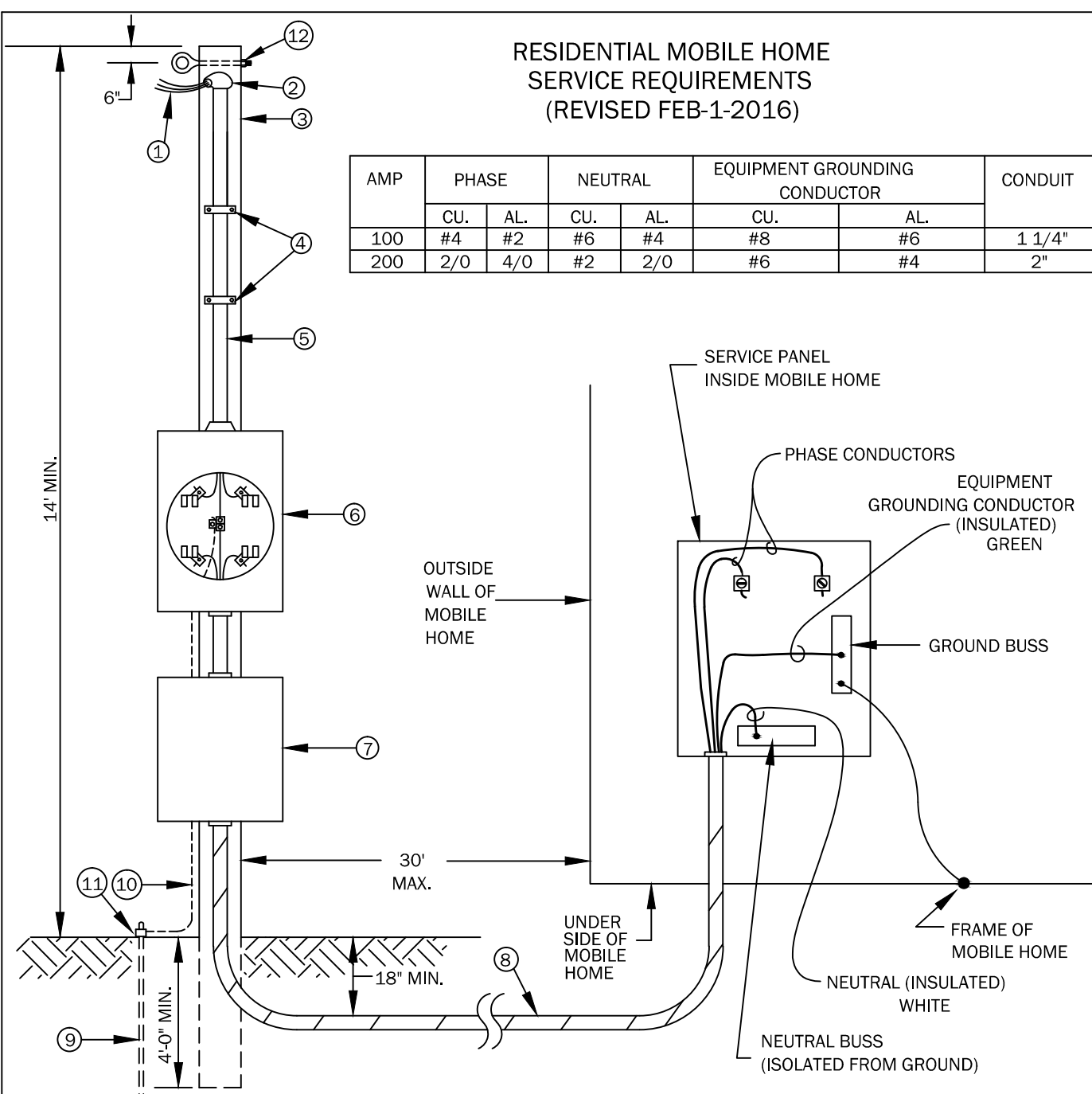


## RESIDENTIAL MOBILE HOME SERVICE REQUIREMENTS (REVISED FEB-1-2016)

AMP	PHASE		NEUTRAL		EQUIPMENT GROUNDING CONDUCTOR		CONDUIT
	CU.	AL.	CU.	AL.	CU.	AL.	
100	#4	#2	#6	#4	#8	#6	1 1/4"
200	2/0	4/0	#2	2/0	#6	#4	2"



1. PHASE & NEUTRAL CONDUCTORS: (3 FOOT MINIMUM LEAD LENGTH)
2. WEATHERHEAD. (MUST NOT EXTEND MORE THAN 24" ABOVE TOP OF POLE.)
3. POLE: SHALL BE AT LEAST 18 FEET IN LENGTH, (14' FOOT ABOVE GROUND), POLE SHALL BE PRESSURE TREATED AND ROUND. (MIN. 4" DIAMETER AT TOP) ADDITIONAL POLE HEIGHT MAY BE REQUIRED TO MAINTAIN SERVICE CONDUCTOR CLEARANCE OVER AREAS SUBJECT TO TRUCK TRAFFIC.
4. PIPE STRAPS: MINIMUM OF 2
5. RIGID GALVANIZED CONDUIT: (SEE CHART FOR SIZE) GROUND ROD: 5/8" BY 8 FOOT
6. METER SOCKET: RINGLESS, UL LISTED, WITH TRIPLEX GROUND
7. SERVICE DISCONNECT: SHALL BE UL LISTED RAIN-TIGHT & LABELED FOR USE AS SERVICE EQUIPMENT. SERVICE SIZE SHALL BE 100 AMPS MINIMUM.
8. RIGID NONMETALLIC CONDUIT: (PVC) CONTAINING FOUR CONTINUOUS INSULATED COLOR CODED CONDUCTORS. SEE CHART FOR SIZE. GROUNDING CONDUCTOR SHALL BE GREEN. REFER TO ARTICLE 550 OF THE NEC FOR ADDITIONAL REQUIREMENTS.
9. GROUND ROD: SHALL BE 5/8" X 8 FOOT COPPER OR COPPER CLAD. ROD SHALL BE INSTALLED IN UNDISTURBED SOIL A MINIMUM OF 2 FEET FROM SERVICE POLE.
10. GROUNDING ELECTRODE CONDUCTOR: #4 CU. SOLID UNSPLICED.
11. GROUND CLAMP: UL LISTED ACORN STYLE CLAMP.
12. INSTALL EYE BOLT 6" BELOW TOP OF POLE.

POLE SERVICE METER LOOP  
S-3221