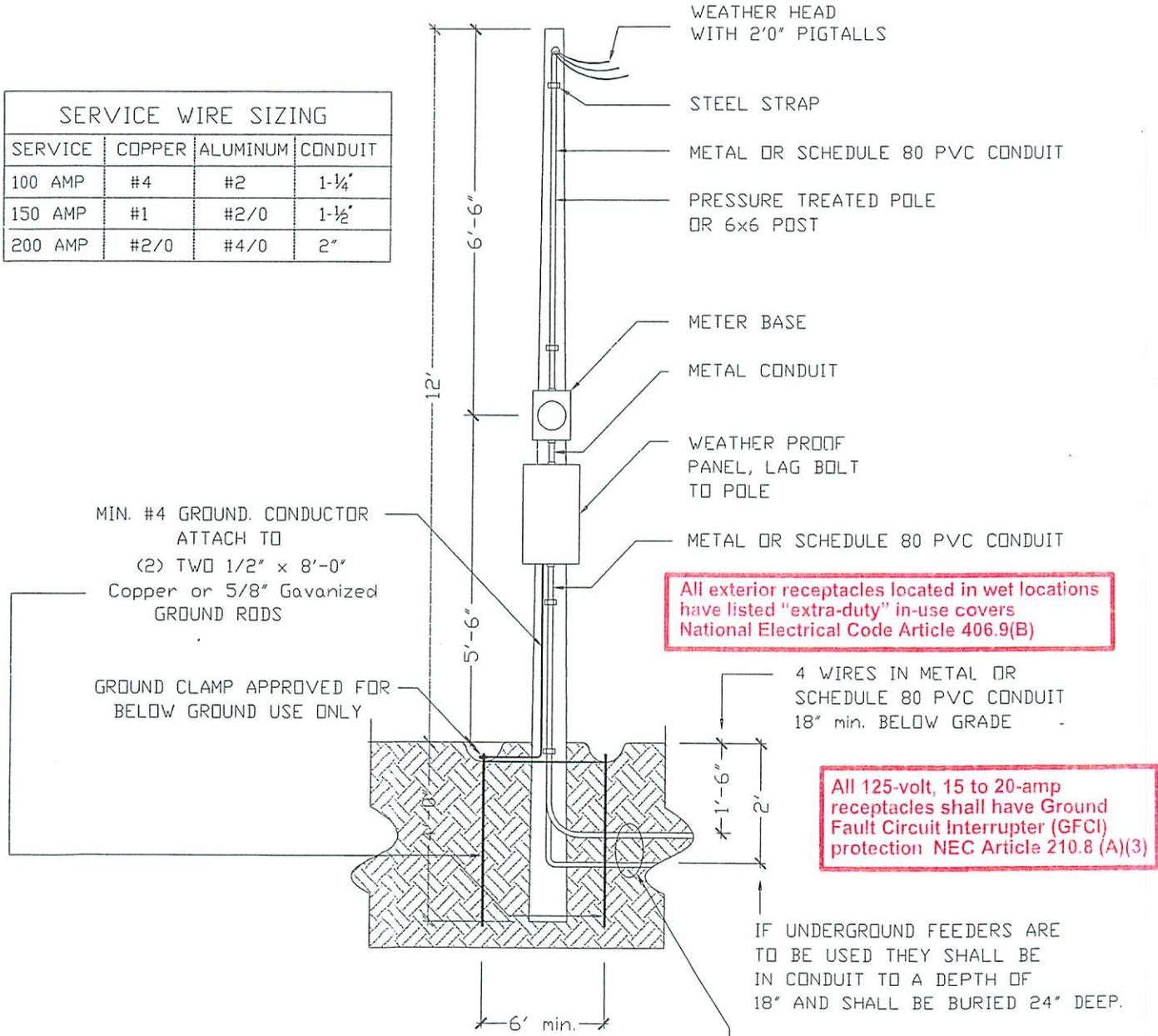


ELECTRICAL POWER POLE DIAGRAM FOR MOBILE HOMES AND RESIDENTIAL SERVICES

ALL WORK SHALL COMPLY WITH THE 2014 NATIONAL ELECTRICAL CODE



SERVICE WIRE SIZING			
SERVICE	COPPER	ALUMINUM	CONDUIT
100 AMP	#4	#2	1-¼"
150 AMP	#1	#2/0	1-½"
200 AMP	#2/0	#4/0	2"

All exterior receptacles located in wet locations have listed "extra-duty" in-use covers National Electrical Code Article 406.9(B)

All 125-volt, 15 to 20-amp receptacles shall have Ground Fault Circuit Interrupter (GFCI) protection NEC Article 210.8 (A)(3)

FEEDER SIZING				GROUNDING	
SERVICE	COPPER	ALUMINUM	CONDUIT	COPPER	ALUMINUM
100 AMP	#4	#2	1-¼"	8	6
150 AMP	#1	#2/0	1-½"	6	4
200 AMP	#2/0	#4/0	2"	6	4