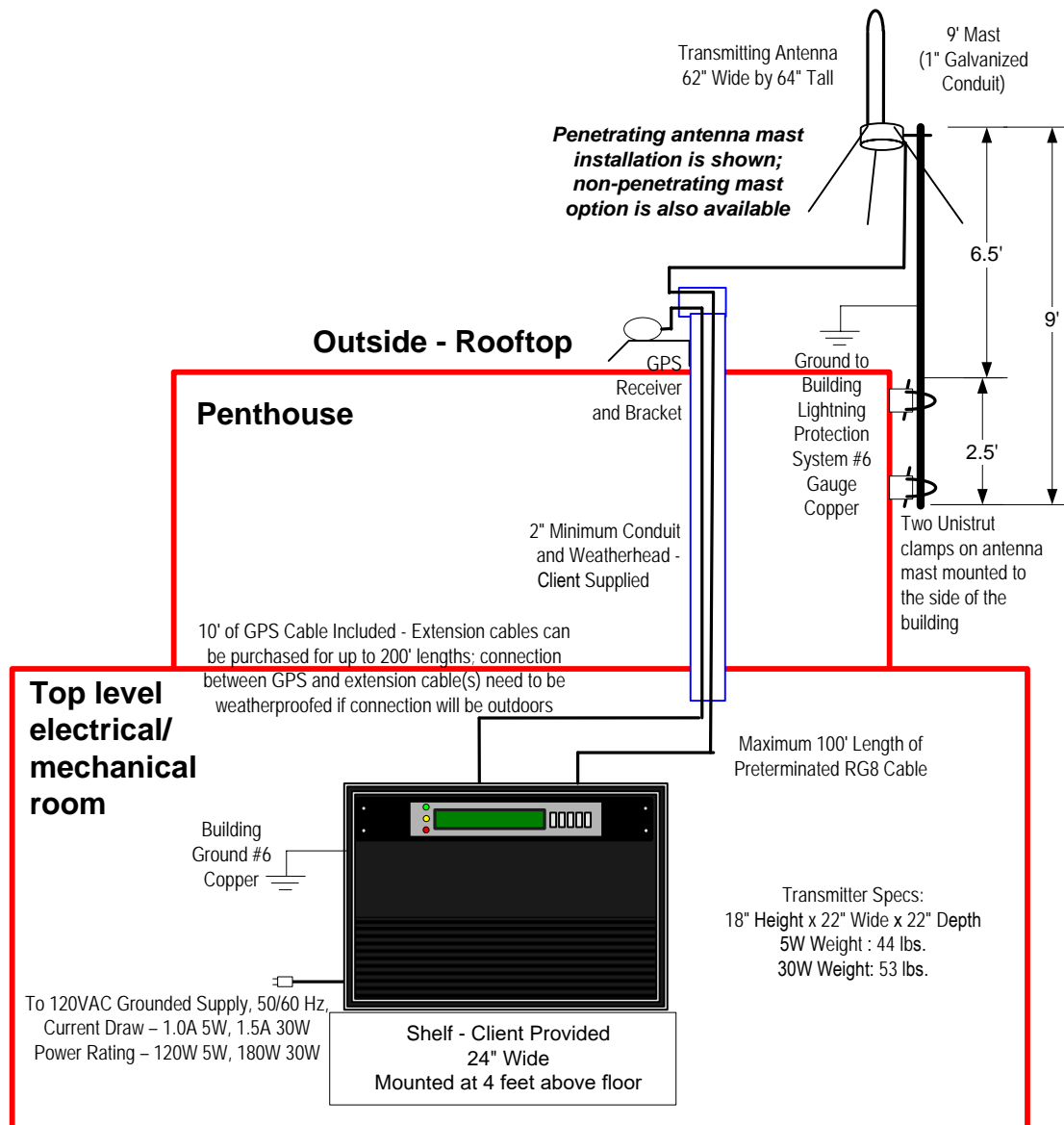


Typical System Setup

Primex XR 5 Watt or 30 Watt Transmitter

GPS Time Source



Typical System Setup - not to scale

Summary of Operation

1. GPS receiver decodes time from Satellites
2. Time is input via mini-DIN Connection into Transmitter
3. Transmitter Time is set
4. Transmitter broadcasts out 72MHz signal to set clocks
5. When batteries are put in a clock (or AC powered clocks are plugged in), clocks search for the 72MHz signal
6. Clocks set when 72MHz signal is decoded.

Notes

- GPS Receiver requires clear view of the sky
 - Optimal Transmitting Antenna location is a tall, central point on the structure
 - Transmitting antenna should be a minimum of 15' from other antennas
 - Customer to supply the following items
 - 2" Minimum Conduit and Weatherhead
 - GPS Extension Cable (If needed)
 - Transmitter shelf
 - 120Vac Outlet
 - Building Ground near transmitter
 - Ground near transmitting antenna
 - DO NOT HANG OR SET CLOCKS UNTIL TRANSMITTER IS IN PLACE AND POWERED
- Transmitter provides eight hours of continuous signal after power cycle