

Notes:

1. Tx TM-LRU: Timing IN/OUT looped back to avoid time-outs.
2. Transponder control is assumed to be over Ethernet, but can be over RS-422.
3. TTA Phased Array will have a protective radome.

Cables:

- 1-6, 36: 10MHz RF Reference
- 7, 8: Tx/Rx FCW RS-422 Serial
- 9: TM-LRU Tx Modem Timing Loopback
- 10-19, 37: Ethernet
- 20-22: L Band IF OUT
- 23-27: L Band IF IN
- 28: TTA Phased Array Chiller In/Out
- 29: TTA Phased Array Power
- 30: Tower Rx Horn to Transponder
- 31: Power Amplifier to Tower Tx Horn
- 32: RF connection from Transponder to Power Amplifier
- 33: DC to Tower NEMA Enclosure
- 34: DC to Transponder
- 35: DC to Power Amplifier
- 38: AC to Tower Support Equipment NEMA Enclosure
- 39: RS-422 Serial from Inhibit Switch to TTA Phased Array

Building 4 Control Room

