

EXTERIOR CELL SITE DEMARCATION REQUIREMENTS

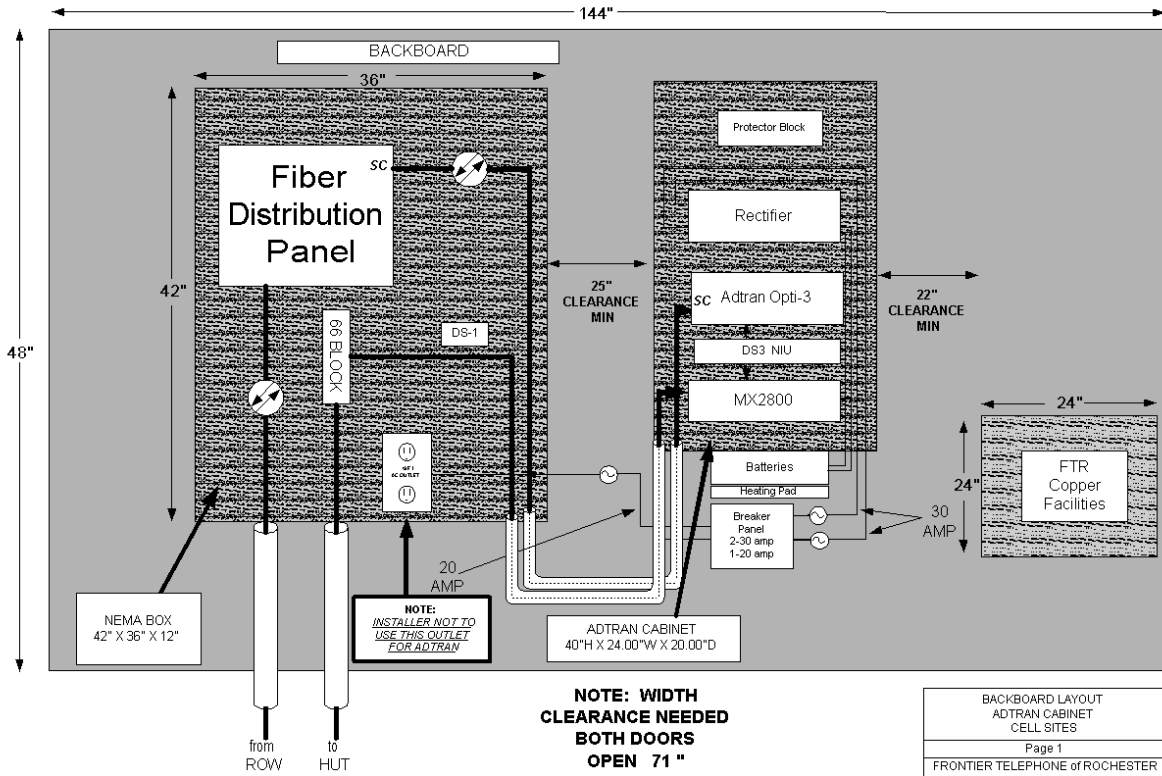


The following requirements are to be provided by the Customer/Owner before Ziplly Fiber will terminate its facilities and provide service. NOTE: These requirements should be in place 30 days prior to service installation date. Less than 30 days may result in delayed service installation.

- 1) The backboard is to be located outside of any security fence and accessible by the telephone company on a 7 x 24 basis.
- 2) Minimum of 4'x 12' useable space for telecommunications. Backboard to be constructed with 2'x 6' lumber. Due to the additional weight and new style of fiber transport equipment being installed plywood backboards are not acceptable.
- 3) All communication conduits are to be provided with a pull string.
- 4) 42''h x 36''w x 12''d NEMA (Weather tight) box with a 4'' conduit to the public ROW point identified by the FTR OSP Engineer. Conduits are to be parallel and attached to backboard. The conduit is to enter the lower left corner of the NEMA box. Conduit sections are limited to 270 degree of bends and/or 900' in length. Sections are joined via pull box, hand hole or manholes. There are no limits to the distance between the backboard and public right of way, although distances beyond 500' may involve additional charges.
- 5) If the Customer requires the service to be extended beyond the demarcation/backboard a 4'' conduit must be extended from the backboard to the desired point. . Conduits are to be parallel and attached to backboard. Conduit sections are limited to 270 degree of bends and/or 900' in length. Sections are joined via pull box, hand hole or manholes. There are no limits to the distance between the backboard and huts, although service delivery is simplified if the distance is less than 500'.
- 6) One 110 VAC 20 amp GFI duplex located in the lower right corner of NEMA box. Electric service to include a single pole breaker panel switch (shut off) at backboard.
- 7) Installation of breaker panel below fiber mux equipment to include one 110VAC 20A and two 110VAC 30A breaker feeds.
- 8) Earth Ground – 5/8''x8' ground rod or grounding bar.

The following sketch is provided for assistance and/or reference (not drawn to scale).

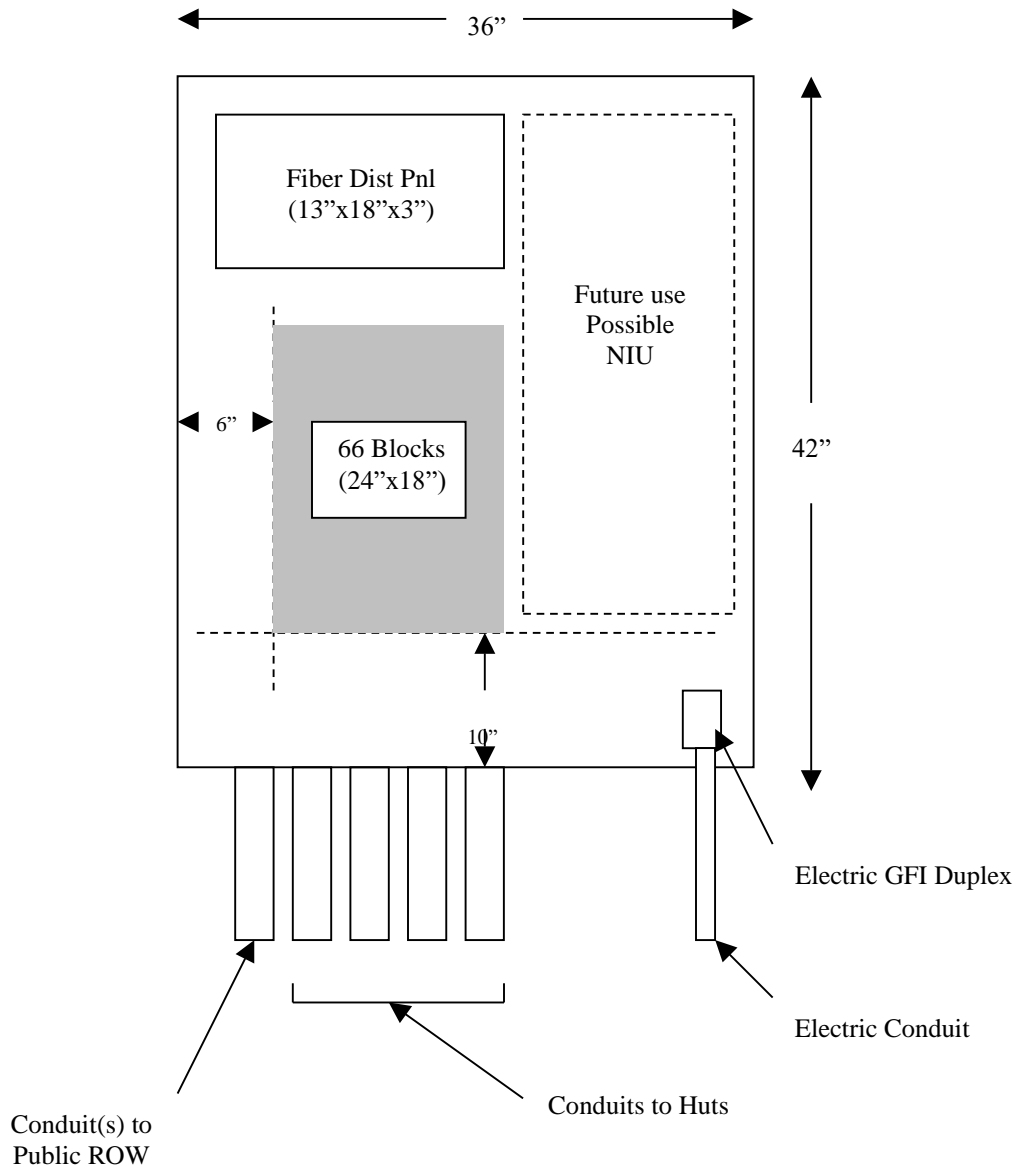
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NEMA Box w/panel Layout (Fiber Optic & Customer Wiring Termination)



Note: Customer to provide plywood backboard for equipment mounting internal to NEMA box.