

# ADDENDUM No. 01

## Telephone and Data Plan Specifications

### DATA PLAN SPECIFICATION ADDENUM

- All data wiring and components needs to be CAT-6 (see No. 7 for connections between buildings).
- Two data jacks should be placed near each of the three workstations in the office/study; two data jacks should be placed on the TV wall in the day room and one on each of the other two day room walls; one data jack in the kitchen near the counter that is closest to the dining room; one jack in Dorm No. 2 (for a wireless router).
- The Data Room should have one 20 Amp dedicated circuit with four double gang 20 Amp receptacles. One wall (rear) in the Data Room should have a 3/4" plywood cover.
- The Data Room shall have a rack for mounting of data equipment with the following specifications:
  - Black, 2 post
  - >1000 lbs. capacity
  - 12-24 threaded holes
  - 19" mounting width
  - Floor mounted with top rail support to rear wall
  - Panduit NetRunner 4U Vertical Cable Manager provided on both sides of rack
  - 2 Panduit PatchLink Horizontal Cable Manager - cable management panel - 1U
  - One, APC AP9562 Rack PDU/Basic/1U/15A/120V Surge Protector
- A Dell network switch, model number X1052P, shall be installed in the Data Room.
- The building shall have a conduit (see below) between the current station and the new building for a data connection. The maximum length of a data cable is 328'. Should the distance between the current data room (in the current station) and the data room (in the new building) exceed 328', then a booster station will need to be installed in an interior location of the current station that is closest to the new building. The booster station will require a **110 Volt electrical service**.
- If a conduit is used to make the connection between the two buildings, the wire needs to be direct burial CAT-6 wire, even though it is in conduit.

### TELEPHONE PLAN SPECIFICATION ADDENUM

- Telephone data jacks shall be placed in the following locations: one jack in each dorm near the night stands; two telephone jacks in the Office/Study; one telephone jack in the day room; one telephone jack in the kitchen near the counter that is closest to the dining room; one telephone jack in the server room.
- One telephone line for DSL connection shall be located in the Data Room.
- One coax cable connection shall be installed at the corner of the new building nearest to the roadway (for future cable T.V.). All dorms, day room and data room shall be wired with coax.



### LEGEND:

- Data jack locations; Two data jacks per location.
- Data Room: 20 Amp dedicated circuit with four double gang 20 Amp receptacles. One wall in teledata room shall have a 3/4" plywood cover.
- Data Room: A rack shall be installed for mounting of data equipment.
- Data Room: A 24 port PE Gigabit switch will be needed in the teledata room.
- Telephone jack locations: One telephone jack per location.

### Contact for I.T. Questions:

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