

The following general items are clarified:

1. Page 7 change cable requirement to Berktek/Leviton

a. All Category 6 cabling will meet the following specifications:

Solid copper, 22 AWG to 24 AWG, 100 W balanced twisted-pair (UTP) Category 6 cables with four individually twisted-pairs, which meet or exceed the mechanical and transmission performance specifications in ANSI/TIA/EIA-568-C.2 up to 250 MHz.

Berk-Tek LANmark 1000 Category 6+ guaranteed electrical performance to 550 MHz.

i. CMP 10136226

b. Category 6 Modular Patch Cords: CX6000 Cat 6 UTP System

Slim-Line style, Category 6 UTP patch cord, 4-pair, stranded wire construction.

Part Numbers:

Leviton 6D460-03L (3 feet, Blue) – Qty. 332

2. All drops to WAPs should be duplex (2 drops per WAP location)
3. All fiber must be single-mode
4. All cables that run outside of buildings must be rated for outside installation
5. Campus diagrams are updated at the meeting to identify location of new portable classrooms
 - a. Nuview campus has 4 new portables located approximately where the words “Nuview School” appear on the campus map
 - b. Valley View campus has 4 new portables located close to J4 and J8 buildings identified on the campus map
6. The Valley View campus map has the MDF identified by two small lines, on the lower left of the Administration Building
7. Existing WAPs are identified on the campus maps with an X and the location of each new WAP is identified as a circle
8. Where drop ceilings are present WAPs should be located above the drop ceiling with a label identifying the location at the closest metallic support frame that is visible from within the room.
9. Where there are no drop ceilings cables to the WAPs should be enclosed in plastic surface mount of appropriate size and color to match the existing materials in the same general area.

10. Wherever a Cabinet is removed and replaced, the service provider will install a 15 amp duplex electrical outlet within the new cabinet. This will be bid as part of the non-erate work.
11. All Cat 6 cables will be terminated on 48port patch panels at the MDF/IDF. Patch panels will meet the following specifications:

Category 6 110-style Modular Patch Panels: CX6000 Cat 6 UTP System

48-port, flat metal, component-rated, 8-position modular jack panel, Category6, T568A/B universal wiring label. Part Number: Leviton 69586-U48 or equivalent

12. All replacement cabinets will meet the following specifications:

CPI – 24” X 24” X 36”H Part# 11900-736

CPI – 24” X 24” X 24”H Part# 11900-724

The following Items are specific to Nuview Elementary School site

1. The MDF is located on the SE side of Room 6 (D102) and the IDFs are (in the order visited on the job walk)
 - a. Cafeteria
 - b. Office
 - c. Library
 - d. Quonset Hut
 - e. Preschool
 - f. Room 33
 - g. Room 7
 - h. Room 13
 - i. Room 14
 - j. Room 19
 - k. Room 38
2. The MDF will require a new 144 fiber enclosure mounted in the rack
3. Cafeteria IDF – no special comments
4. Office IDF
 - a. R&R existing cabinet. New cabinet should be 3ft tall and 24” deep
5. Library IDF
 - a. R&R existing cabinet. New cabinet should be 3ft tall and 24” deep
6. Quonset Hut IDF
 - a. R&R existing cabinet. New cabinet should be 3ft tall and 24” deep
 - b. Current fiber path from MDF to Preschool IDF and Room 33 IDF passes through this IDF. Would prefer home runs from Preschool IDF and Room 33 IDF for new fiber if pathways are apparent and usable
7. Preschool IDF
 - a. R&R existing cabinet. New cabinet should be 2ft tall and 24” deep
 - b. Propose under erate ineligible

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8. Room 33 IDF
 - a. R&R existing cabinet. New cabinet should be 3ft tall and 24" deep
9. Room 7 IDF – no special comments
10. Room 13 IDF
 - a. R&R existing cabinet. New cabinet should be 3ft tall and 24" deep
11. Room 14 IDF – no special comments
12. Room 19 IDF – no special comments
13. Room 38 IDF
 - a. New portables are already wired
 - b. Need an additional 48 port POE switch here for new portables

The following items are specific to the Valley View Elementary School site

1. The MDF is outside of Admin building (NW corner) and the IDFs are:
 - a. Library
 - b. Building C
 - c. Building D
 - d. Building E
 - e. MPR
 - f. Kinder Portable
 - g. Preschool – propose under erate ineligible
 - h. State Preschool
2. MDF
 - a. Relocate network portion of MDF inside to location identified on job walk (Copy Room)
 - b. Do not move Telephone or Sunesys – these will remain
 - c. Abandon old multi-mode fiber (no need to move)
 - d. Abandon old cat 5 drops (no need to move)
 - e. Install additional 12 cat 6 network drops to serve locations abandoned as a result of MDF relocate
 - i. Assume pathways exists or can reuse pathways currently being used
 - ii. Assume the distance from each workstation to new MDF is 100 meters or less
 - iii. Terminate in new MDF on 48-port patch panel
 - f. Need new single mode fiber between old MDF (Sunesys) and new MDF
 - g. Need one Cat 6 between MDF (telephone PBX) and new MDF
3. Library IDF
 - a. Needs new cabinet should be 2ft tall and 24" deep
4. Building C IDF – no special comments
5. Building D IDF – no special comments
6. Building E IDF – no special comments
7. MPR IDF
 - a. cabinet should be 2ft tall and 24" deep

8. Kinder Portable IDF
 - a. Move IDF to opposite wall
 - b. Install new 2ft tall 24” deep cabinet
 - c. Abandon old multimode fiber
 - d. Remove existing Cat 5 cables from old patch panel, pull back, and where there is sufficient cable length – punch down onto new 48 port patch panel
 - e. Existing cables without sufficient length for pull back will be evaluated at time of installation for either abandonment or installation of new Cat 6 cable (cost of new cables will be handled as change order to the proposal)
9. PreSchool IDF
 - a. Include costs as part of e-rate ineligible
10. State Preschool IDF
 - a. Feeds all portables
 - b. New portables are already wired