

Q1. Is a 5412 switch planned for the IDF that serves the Gym and multipurpose room at Pine Grove Middle School, or is a 5406 switch planned for that IDF?

A1. 5412R or equivalent

Q2. Please verify that a 5412R switch is planned for the Pine Grove Middle School Gym IDF.

A2. 5412R or equivalent

Q3. Do both gyms shown on the site plan for the high school exist? – or, has the new gym been incorporated into the site of the old gym (made the second floor), so that there is now only one structure for the two gyms and the two gym wiring closets? If so, do you want to have wireless service for the old gym basketball courts?

A3. The Gym is a single structure with two levels. the second floor is open in the center with AP's located on the perimeter wall. IDF's are in opposite corners on separate levels to keep data runs under 100M.

Q4. You specify two 1 GBPS long-range interfaces (1G 1000x LR) for the High School MDF switch. What are these, and what are they for? If they are 1 gigabit fiber, then you have a choice between LX (up to 10 KM on single-mode fiber) or LH (up to 70 KM on single-mode fiber), and you will want to choose one or the other. We also do not see optics in any of the other wiring closets that would pair with these; perhaps these are connections to the sign on Norman Drive?

A4. Those two links are for our guard shack and the digital signage at the main road. LX.

Q5. Please confirm that you are just using dark fiber for your school-to-board offices and don't have an ISP in that mix.

A5. Links to schools are on MediaCom, it isn't "dark" fiber, but it is unmanaged. Only monitored.

Q6. Pine Grove Middle School floor plan has the note at the bottom-left that indicates the Gym and the Commons Area will be served out of the MDF. Then the heavy lines that supposedly divide the education world out there hint that the Commons Area is a part of the 15 (or 17?) Classroom IDF, top center and that the Gym is a part of the 7 Classroom+ Multipurpose Room IDF, top left. Which ought we believe?

A6. The gym has two access points: one from MDF and one from adjacent IDF. The commons has two access points: one from MDF and one from the 17 classroom IDF.

Q7. [Our] notes suggest that the 15-Classroom IDF, top center should have two more AP's added to it, but (looking between the heavy lines, again) I can't find any more deserving

classrooms than the 15 shown. (Back to the question about the Commons) does this comment for upping the 15 to 17 mean that Commons is really included here, or are there really two more classrooms not shown in this area of the floor plan that have been found and deserve their own AP's?

A7. In that block of 17 classrooms (13 full size, 4 half size), we have two pairs of half classrooms (four total small classrooms). We are planning one AP in one classroom in each pair of two small classrooms. One AP in Commons is run from this IDF.