

# Problems/Discrepancies in Project Document

## 1/22/2024

1. **Status Notifications.** Could we please get updates on a regular basis (at least once a month) about what Gibbs is doing and is planning in the near future? Currently we can only glean partial info by driving by the site and listening to the parish council meetings. Where are the 10 photographs that Gibbs is taking monthly for payment going? (Project guide page 01400-2)
2. **Determination of Electronic Equipment.** Dwight has requested to see the submittals for just the electrical equipment. After explaining in the email that he needs this info to make informed decisions on system compatibility on December 6, 2023, the email is still unanswered. Having this information will also discover and fix mistakes, such as the wrong size sound rack in the meeting room (should be at least an 18U, instead of the given 12U.)
3. **Unidentified Electronic Equipment.** The project manual makes no mention of several items that are shown on the blueprints. Examples are the Teen gaming TV and the ceiling projector and screen in the main meeting room.
4. **Identification of Ethernet wires.** With over 300 wires for computers alone, 20 for VOIP, 48 for IP cameras, 26 for WiFi, as well as other wires for HVAC, fire, burglar alarm sensors, etc., it would help with identification if each system had a different colored wire. This will not only help in the data room, but during maintenance when a wall or ceiling is opened up. The project document already specifies that WiFi wires are violet and computer wires blue. Suggested colors for the various systems are:
  - a. Computers = Blue
  - b. WiFi = Violet
  - c. Telephone VOIP = Gray
  - d. Security cameras = Green
  - e. Burglar Alarm motion detectors/keypad = Yellow
  - f. Fire Alarm sensors = Red
  - g. Card entry system = Orange (if not using fiber)
  - h. HVAC/other systems = any color not given above

Also, it is suggested that each wire be labeled using Z-XXX-YY, where Z is the system (color wire), XXX is the room number and YY is a sequential unique number from 01 to 99.

5. **Fire Alarm DACT.** While the plans show where the fire alarm control panel (FACP) is placed, it leaves it up to the installer to place the DACT/Communication module. It also specifies cellular transmission, but not an Ethernet/IP primary communication without a cellular rollover on failure. The DACT should logically be placed in the data room, bolted to one of the plywood walls.
6. **PA Paging System.** The Project manual does NOT specify an amplifier for the PA system. The library recommends at least a four-zone system that is rack-mounted into rack #4. Using zones, we can control each area's volume individually, so that volume can be louder in noisy areas.

On Tue, Dec 5, 2023 at 3:20 PM [//amas1720@netscape.net](mailto://amas1720@netscape.net) <[//amas1720@netscape.net](mailto://amas1720@netscape.net)> wrote:

Hey, Doug, Please send the pdfs listed below so we can make the best decisions about what we will need.

If this is not possible, I need to know why because Dwight just had to explore amplifiers and decide what will work best for us. We need time to explore and examine the possibilities.

Your best bud.

**From:** Douglas Landry <[ddlandry@landrymanagement.com](mailto://dlandry@landrymanagement.com)>  
**To:** [//amas1720@netscape.net](mailto://amas1720@netscape.net) <[//amas1720@netscape.net](mailto://amas1720@netscape.net)>  
**Sent:** Wednesday, December 6, 2023 at 11:13:18 AM CST  
**Subject:** Re: Dwight needs this information to make the right decisions

Ethel,

Dwight does not need all of those submittals. The designers are hired to review and approve all submittals per their contract and per the project specifications. I mentioned to him yesterday to send an email about his concern with the amplifier and I would get what ever information he needs. There is no need to send all those submittals to Dwight. If he has a specific concern I will address it.

Respectfully,

Douglas D. Landry

LMCLLC

**Sent:** Tuesday, December 5, 2023 at 03:09:00 PM CST  
**Subject:** Dwight needs this information

**Dwight  
Duensing <dduensing@gmail.com>**

Wed, Dec 6, 2023, 12:22 PM

Doug,

I don't need ALL of the submittals. Mainly just the electrical ones. I need to know what products are chosen so that I know if "SYSTEM A" will be compatible with "SYSTEM B".

For example,

1) The 70v PA system needs to be interfaced with the phone system to make the announcements, so there needs to be the appropriate jacks/interfaces on the amplifier to get this working properly. It might also be interfaced to a PC to make announcements at scheduled times (mainly closing). The amplifier should probably have 2 zones (or a stereo Left/Right) one for the open areas, and one zone for the meeting/study rooms.

2) The TV signal distribution system needs to interface with filters/combiners and modulators and PCs so that a PC showing powerpoint slides in a loop can output a TV signal on a specific TV channel. This system may also be connected to the security camera system showing a video feed of a selection of cameras on another TV channel.

3) For the cardkey security access system, I need to know what system is chosen, and what features are available, so I can interface it with an external scheduling system. If it is a fancier one using bluetooth technology on people's cell phones to unlock doors, I need to interface that system also.

4) Our existing security camera system has a dedicated camera to count people entering and exiting for the required monthly library statistics. If the submitted camera system doesn't do this, then I need to buy and install a separate system.

There are other examples, but I hope you get the picture.

Dwight