

MEETING / SEMINAR ROOM AV EQUIPMENT REQUIREMENTS

CONTRACTOR SHALL PROVIDE A COMPLETE AV SYSTEM IN THE MEETING / SEMINAR ROOM.

PROVIDE THE FOLLOWING EQUIPMENT:

- EPSON 2140W EPSON POWERLITE 2140W 4300 LUMENS PROJECTOR - QTY. 1
- DRAPER 1804QL ACCESS FIT E SCREEN WITH LOW VOLTAGE CONTROL; 125" DIAGONAL 16:10 - QTY. 1
- CHIEF R5MALUM PROJECTOR MOUNT - QTY. 1
- CHIEF C5M440 CEILING PLATE - QTY. 1
- CHIEF C5M50000W EXTENSION PIPE; 6" TO 9" WHITE - QTY. 1
- CHIEF C5M4470 PLENUM CEILING BOX - QTY. 1
- ATLONA AT-HV5-200 TX HP HDBASET WALL PLATE TRANSMITTER - QTY. 1
- ATLONA AT-UHD-EX-70C-RX HDBASET RECEIVER - QTY. 1
- ATLONA AT-VTP-550-BL 5.5" TOUCH PANEL FOR VELOCITY CONTROL SYSTEM - QTY. 1
- ATLONA AT-VCC-RELAY KIT IP TO RELAY CONVERTER FOR SCREEN CONTROL VELOCITY - QTY. 1
- ATLONA AT-VCC-RS232 KIT IP TO RS232 CONVERTER FOR PROJECTOR CONTROL VELOCITY - QTY. 1
- TANNAY CV584 TANNAY CV584 CEILING SPEAKERS - QTY. 12
- ATLONA AT-UHD-CL50-824 8x2 MULTI-FORMAT MATRIX SWITCHER WITH DUAL OUTPUTS, HDBASET - QTY. 1
- ATLONA AT-VGW-250 VELOCITY GATEWAY FOR AV CONTROL - QTY. 1
- LIXIL AMS282WP LIXIL 28 PORT / 24 PORT POE MANAGED SWITCH - QTY. 1
- AUDIX AP42C210 DUAL MIC RECEIVER SYSTEM WITH 1 HH MIC AND 1 BELTPACK AND LABEL - QTY. 1
- LAB GRUPPEN E122 LAB GRUPPEN E122 AMPLIFIER - QTY. 1
- GALAXY DS-EQ215 DSP FOR AUDIO SYSTEM - QTY. 1
- MIDDLE ATLANTIC DW18-12-17FD MID ATLANTIC 12RU RACK W/ PLEXI DOOR - QTY. 1
- MIDDLE ATLANTIC U02 2RU DRAWER - QTY. 1
- MIDDLE ATLANTIC U01 SHELF FOR RACK EQUIPMENT - QTY. 1
- JUCE GOOSE JG11 POWER DISTRIBUTION RACK MOUNTED - QTY. 1

CONTRACTOR SHALL ADJUST EQUIPMENT, QUANTITIES, ETC. AS NECESSARY FOR A COMPLETE SYSTEM.

CONTRACTOR SHALL MOUNT WIRELESS ANTENNA AS NECESSARY.

CONTRACTOR SHALL PROVIDE ALL NECESSARY EQUIPMENT, MOUNTING HARDWARE, CABLES, PROGRAMMING, ETC. FOR A COMPLETE INSTALLATION, INCLUDING ANY AV EQUIPMENT NOT SPECIFICALLY LISTED, SUCH AS CABLES AND CONNECTORS.

CONTRACTOR SHALL COORDINATE WITH OWNER THE MOUNTING LOCATION OF ALL EQUIPMENT, ESPECIALLY THE PROJECTOR AND SCREEN.

PROJECT SPECIAL NOTES

1. NO CONDUIT SHALL BE INSTALLED IN ANY FLOOR SLAB THAT IS NOT ON GRADE. NO EXCEPTIONS. CONDUIT SHALL BE INSTALLED OVERHEAD OR ROUTED THROUGH THE SLAB AND INSTALLED ABOVE THE CEILING OF THE LEVEL BELOW.

LOW VOLTAGE PLAN NOTES

1. FOR ALL DATA CABLES ROUTED TO IDF ROOM, PROVIDE MINIMUM 20' OF SLACK IN IDF ROOM AS REQUIRED BY OWNER.

2. FOR ALL DATA CABLES FOR WIRELESS ACCESS POINTS, PROVIDE 10' OF SLACK FOR RELEASE AS REQUIRED BY OWNER.

3. PROVIDE OWNER WITH TEST RESULTS OF ALL DATA CABLES.

4. INTERROOM SPEAKER QUANTITY AND LOCATIONS ARE SUGGESTIONS. OWNER OR CONTRACTOR SHALL MODIFY QUANTITIES AND LOCATION AS NECESSARY FOR PROGRAM COVERAGE IN BUILDING.

5. LOW VOLTAGE CABLES NOT SPECIFIED TO BE IN CONDUIT SHALL BE INSTALLED IN GYP TRAY SYSTEM OR SUPPORTED FROM BUILDING STRUCTURAL COMPONENTS. LOW VOLTAGE CABLES SHALL NOT BE SUPPORTED BY CEILING TILES OR CEILING GRID SYSTEMS.

6. SEE SHEETS E4.01 FOR LOW VOLTAGE PLAN NOTES.

LOW VOLTAGE PLAN KEYNOTES

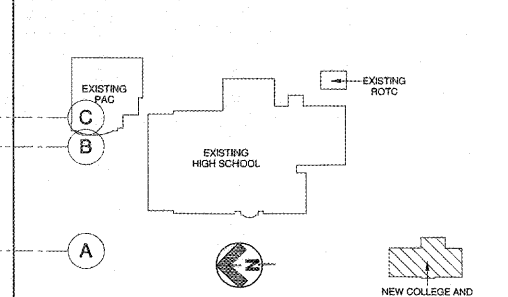
VALUE	NOTE
C2	MOUNT 2" ABOVE BASE OF CASH OR 4" ABOVE COUNTERTOP IF A BACKSPASH IS NOT INSTALLED. SEE ARCHITECTURAL DRAWINGS AND VERIFY HEIGHT IN FIELD.
C7	CABLE TRAYS TO BE SPECIFICALLY LISTED. MOUNT AT LEAST 9" ABOVE FINISHED CEILING.
C8	CONDUIT TO BE MOUNTED AT SAME HEIGHT AS CABLE TRAY.
C11	MOUNT 1" IN CASEWORK. SEE ARCHITECTURAL CASEWORK ELEVATIONS. PROVIDE 1" CLEARANCE TO CASEWORK TO BE ABOVE FINISHED CEILING.
C13	MOUNT IN CASEWORK. SEE ARCHITECTURAL CASEWORK ELEVATIONS. PROVIDE 1" CLEARANCE THROUGH FLOOR.
C14	MOUNT IN CORNER.
C16	PROVIDE HOUSING FOR MOUNTING RECESSED IN GYP CEILING.
C18	MOUNT AT 9'-0" AFF.
C19	DATA OUTLET MOUNTED FLUSH IN FLOOR IN PORE THRU FITTING. HUBBELL SYSTEMONE FAMILY WITH BRASS FINISH OR APPROVED EQUAL. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION.
C18	PORE THRU FITTING FOR FUTURE USE. HUBBELL SYSTEMONE FAMILY WITH BRASS FINISH OR APPROVED EQUAL. PROVIDE ALL NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION. PROVIDE 3/4" TO OUTLET BOX IN CONTROL ROOM.
C19	CONDUIT FOR LOW VOLTAGE SYSTEMS. PROVIDE (2) 2" CONDUITS FOR FIRE ALARM AND INTERCOM SYSTEM AND (3) 4" CONDUITS FOR DATA. SEE ELECTRICAL SITE PLAN. COORDINATE LOCATION WITH OWNER. STUB UP 6" AFF. PROVIDE FIBER OPTIC CABLE BETWEEN EXISTING BUILDING AND RACK ON LOWER LEVEL. SEE SPECIFICATIONS.
C20	(3) 4" SLEEVES IN FLOOR FOR LOW VOLTAGE SYSTEMS. PROVIDE FIBER OPTIC CABLE BETWEEN RACKS ON LOWER LEVEL AND UPPER LEVEL.
C21	DATA OUTLETS MOUNTED IN OUTLET BOX FLUSH WITH FINISHED CEILING. PROVIDE COVERPLATE AND JACKS.

APPROXIMATE LOCATION OF EXISTING MDF ROOM / EQUIPMENT. ROUTE FIBER OPTIC CABLE FROM NEW BUILDING ABOVE CEILING TO THIS ROOM AND TERMINATE COORDINATE WITH OWNER.

1 MDF ROOM LOCATION
1" = 50'-0"

1 LOW VOLTAGE PLAN - LOWER LEVEL
1/8" = 1'-0"

KEY PLAN



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(Facility No. 652-0198)
Dawson County College and Career Academy
Dawsonville, Georgia
FOR
Dawson County Schools
Overall Squarefootage = 55,800 SF
ITE = 65

REVISIONS

DATE: 04-24-2018
PROJECT NUMBER: 17-303
SHEET NUMBER: E4.01