

- 1) E.C. SHALL PROVIDE AND INSTALL ALL CAT 5 COMPUTER CABLES FROM THE EXISTING HUB TO EACH OUTLET LOCATION. E.C. SHALL TERMINATE AND TEST EACH CAT5 CABLE. PROVIDE JACK AS SPECIFIED BY OWNER.
- 2) E.C. SHALL PROVIDE ALL CONDUITS, RACEWAYS AND CHASES AS NEEDED FOR THE COMPLETE INSTALLATION. ALL COMPUTER CABLES SHALL BE INSTALLED IN EMT CONDUIT.
- 3) E.C. SHALL PROVIDE AND INSTALL ALL CAT 5 TELEPHONE CABLES FROM EXISTING TELEPHONE BOARD TO THE OUTLET LOCATION. E.C. SHALL TERMINATE AND TEST EACH CAT 5 CABLE. PROVIDE JACK AS SPECIFIED BY OWNER.
- 4) E.C. SHALL PROVIDE ALL CONDUITS, RACEWAYS AND CHASES AS NEEDED FOR THE COMPLETE INSTALLATION. ALL TELEPHONE CABLES SHALL BE INSTALLED IN EMT CONDUIT.

TEL/COM SYMBOLS	
SYMBOL	DESCRIPTION
◀	TELEPHONE/DATA OUTLET. 2 GANG BOX WITH 1 GANG PLASTER RING. 16" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE CAT 5 VOICE JACK. COORDINATE TYPE WITH OWNER. E.C. TO PROVIDE AND INSTALL CAT 5 4PR TWISTED WIRE TO EACH OUTLET.
◀	SAME AS ABOVE EXCEPT MOUNTED AT 48" A.F.F.
○	DATA OUTLET. 1 GANG BOX WITH 1 GANG PLASTER RING. 16" A.F.F. UNLESS NOTED OTHERWISE. PROVIDE (2) DATA JACK IN BOX. COORDINATE TYPE WITH OWNER. E.C. TO PROVIDE AND INSTALL CAT5 CABLES FROM EACH OUTLET TO HUB. WHEN PULLING, EACH END OF CABLE SHALL EXTEND 3FT BEYOND TERMINATION POINT.
○	SAME AS ABOVE EXCEPT MOUNTED IN FLOOR.
HUB	EXISTING HUB

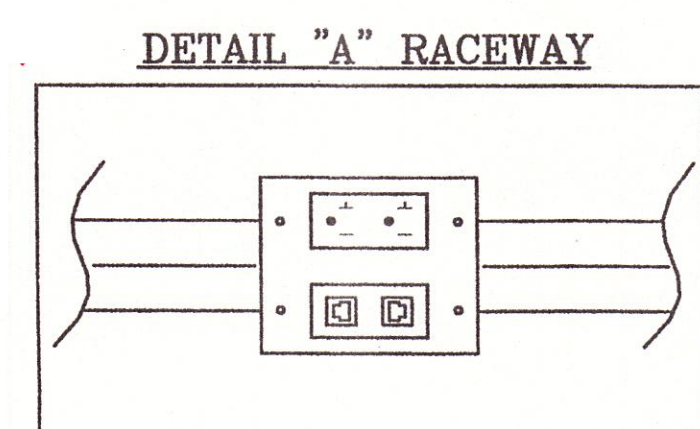
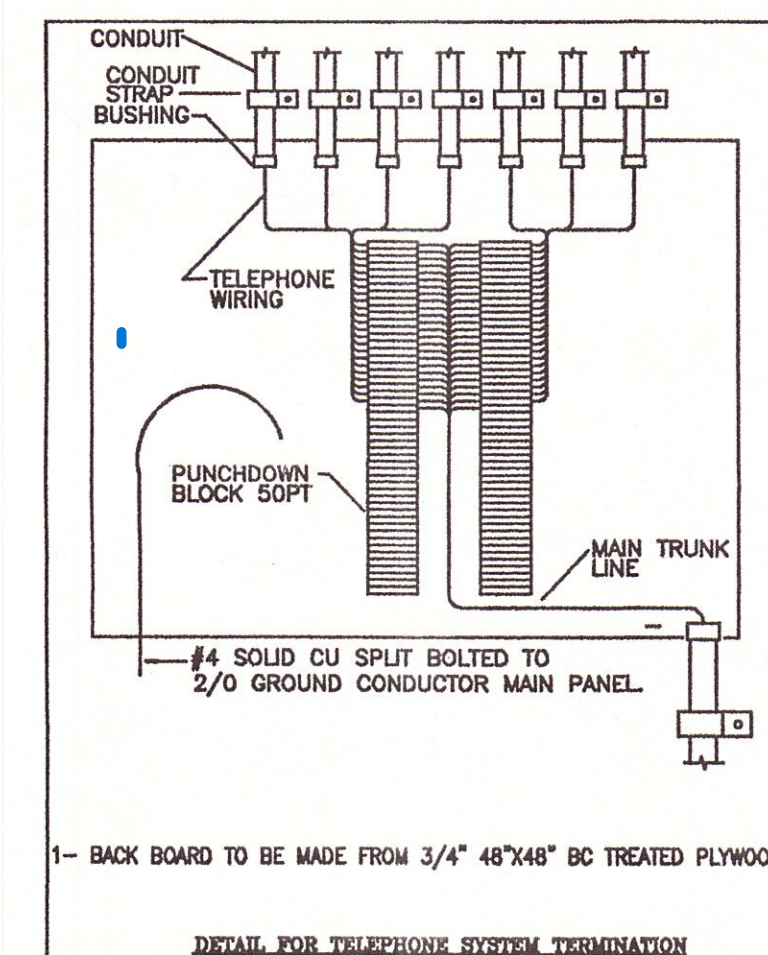
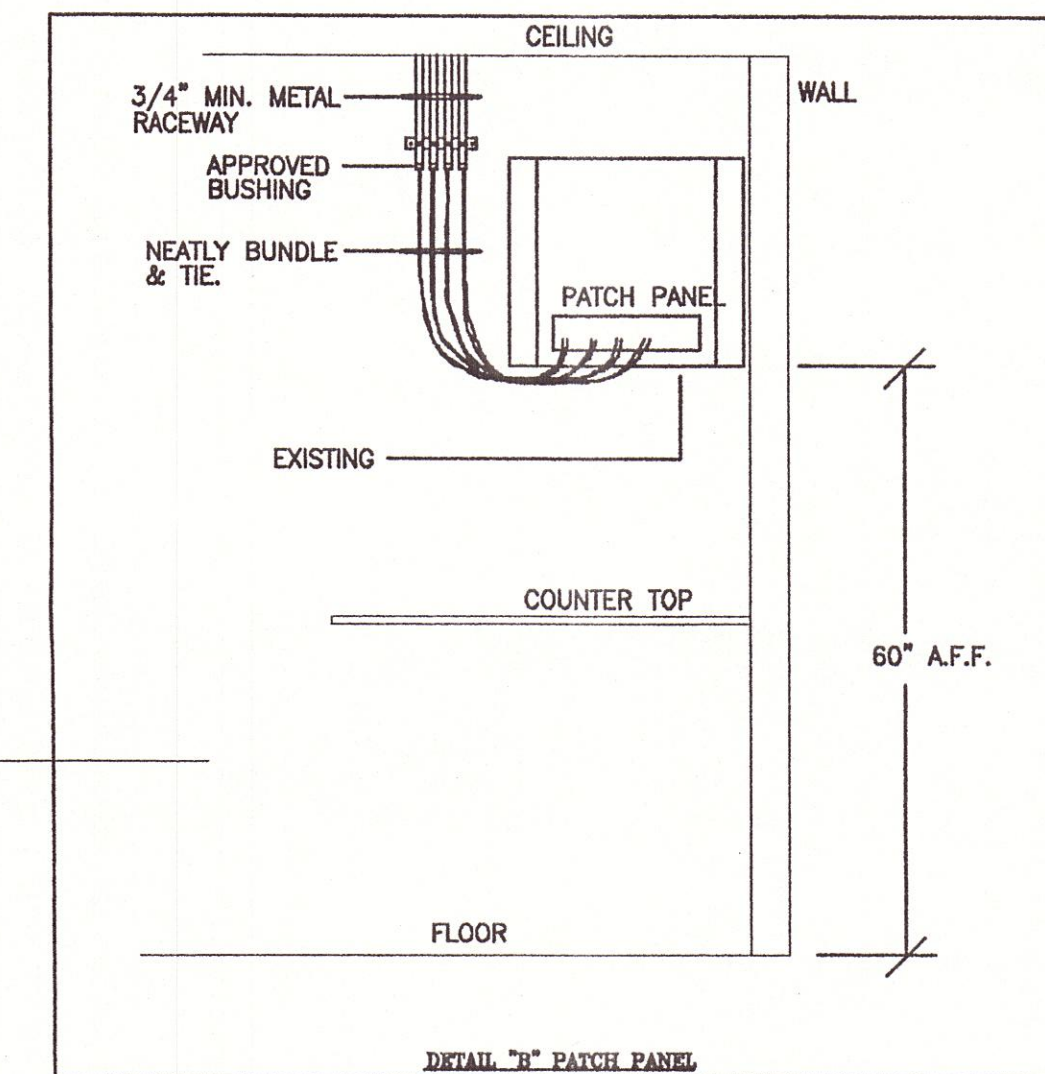
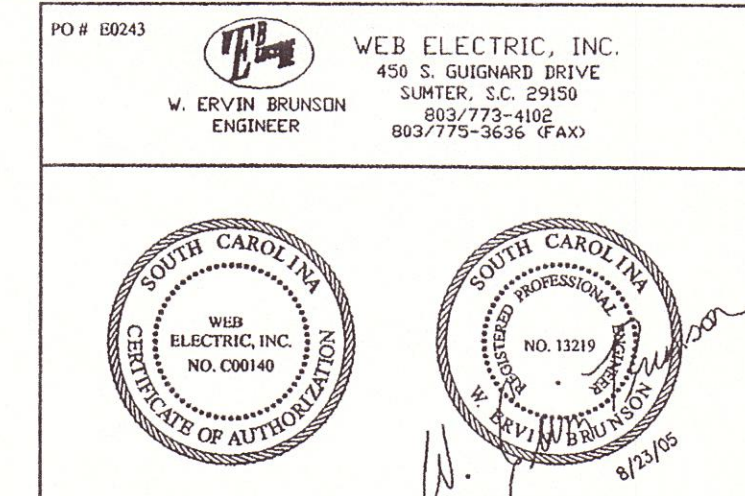
NOTES:

- (1) E.C. TO PROVIDE AND INSTALL ALL CONDUITS AND OUTLETS BOXES FOR TELEPHONE AND COMPUTER SYSTEMS.
- (2) ALL CABLING FOR TELEPHONE AND COMPUTER TO BE BY E.C. OR HIS SUBCONTRACTOR.
- (3) E.C. OR HIS NETWORK SUBCONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL NETWORK CABLES. TESTING, LABELING AND CERTIFYING ALL TERMINATIONS. E.C. TO PROVIDE A REPORT SHOWING SPEC COMPLIANCE WITH ALL TERMINATIONS.

Ⓢ	CEILING LOW-FREQUENCY SPEAKER-ELECTRO VOICE MODEL #EVD C10.1 OR EQUAL
Ⓢ	CEILING SPEAKER-ELECTRO VOICE MODEL #EVD C4.2 OR EQUAL
P	VIDEO PROJECTOR-PROXIMA DP-8270 OR EQUAL
W	WALL RACK TO INCLUDE AUDIO MIXER (YAMAHA M-800), DIGITAL SIGNAL PROCESSOR (DSC DSP-3), 70 WALL VOLT AUDIO AMPLIFIER (DSC C4302V) & DVD PLAYER (SONY DVP-18725P) OR EQUAL

MEETING ROOM A/V SYSTEM NOTES:

1. E.C. RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE A/V SYSTEM INCLUDING ALL EQUIPMENT, MICROPHONE, CABLE, WIRING AND ANY OTHER ACCESSORIES REQUIRED.
2. E.C. TO COORDINATE THE INSTALLATION OF CONDUITS NEEDED WITH A QUALIFIED A/V CONTRACTOR.
3. ALL NECESSARY WIRING, CABLEING AND OTHER ACCESSORIES NOT SHOWN ON THESE DRAWINGS SHALL BE SUPPLIED FOR A COMPLETE AND OPERATIONAL SYSTEM.
4. E.C. TO RUN CONDUIT TO MICROPHONE AT PROXIMA AS DIRECTED BY THE A/V CONTRACTOR. A/V WILL CONNECT EQUIPMENT AS NEEDED. REFER TO A/V CONTRACTOR FOR CONDUIT/RACEWAY SIZING.
5. PROJECTOR TO BE SUPPORTED BY A MANUFACTURED CEILING MOUNT (SUPPLIED BY E.C.). NO FIELD FABRICATED MOUNTS SHALL BE ACCEPTABLE. SUPPORT OF PROJECTOR SHALL BE FROM THE BUILDING STRUCTURE.
6. MAJOR COMPONENTS ONLY ARE HEREIN SPECIFIED. OTHER COMPONENTS AS REQUIRED FOR A FULLY OPERATIONAL SYSTEM SHALL BE PROVIDED AS NECESSARY AND SHALL BE INCLUDED IN THE BID. ALL COMPONENTS SHALL BE VERIFIED THAT THEY ARE FULLY COMPATIBLE AND WILL PERFORM AS INTENDED BY THESE PLANS AND SPECIFICATIONS. NO COMPONENTS SHALL BE PROVIDED THAT ARE NOT COMPATIBLE WITH OTHER SYSTEM COMPONENTS.



- NOTES:
- 1) COMPUTER POWER/NETWORK RACEWAY TO BE HUBBELL WALLTRAK 22 2-CHANNEL NONMETALLIC RACEWAY OR EQUAL. EACH COMPUTER STATION TO BE PROVIDED WITH 2-GANG BOX WITH DIVIDER FOR DUPLEX OUTLET AND CAT 5E NETWORK CABLE.
 - 2) E.C. TO MOUNT RACEWAY 14" A.F.F. TO BOTTOM OF RACEWAY.
 - 3) E.C. TO SUPPLY AND INSTALL CAT 5E CABLES AND CERTIFY ALL TERMINATIONS. EACH COMPUTER TO BE PROVIDED WITH CAT 5E.
 - 4) E.C. RESPONSIBLE FOR THE INSTALLATION OF THE PATCH PANEL RACK IN STAFF WORK ROOM. E.C. TO MOUNT PATCH PANEL RACK 60" A.F.F. TO BOTTOM OF RACK.
 - 5) E.C. TO MOUNT BOXES IN MILLWORK. VERIFY LOCATIONS WITH ARCHITECT. CONSULT WITH OWNER AND NETWORK LOCATIONS.
 - 6) E.C. TO PROVIDE 3/4" CONDUITS TO ALL COMPUTER OUTLETS WHERE NOT INDICATED OTHERWISE.
 - 7) PROVIDE AND INSTALL CAT 5E CABLES FROM COMPUTER OUTLET TO PATCH PANEL. PROVIDE AND INSTALL CAT 5 TELEPHONE CABLES FROM OUTLET TO TELEPHONE BOARD (SEE DETAIL).
 - 8) ALL CONDUITS SHALL BE PARALLEL AND PERPENDICULAR TO THE BUILDING STRUCTURE.

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SUMTER COUNTY PUBLIC LIBRARY SYSTEM
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SHEET E-5
5 OF 6

JAMES, DURANT, MATTHEWS & SHELLEY • AIA ARCHITECTS • SUMTER, S.C.

COMMUNICATION PLAN

SCALE: 1/8" : 1'