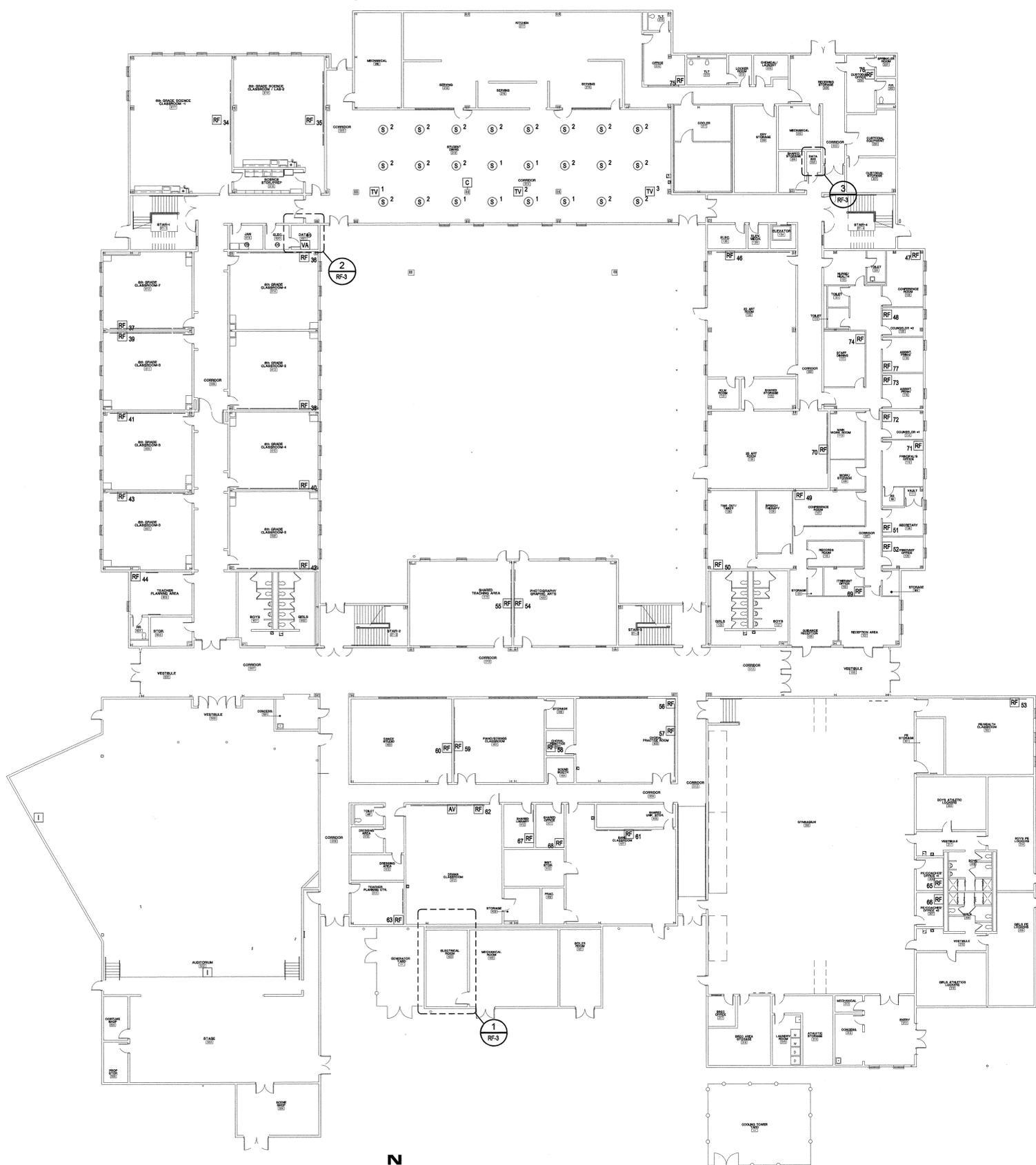


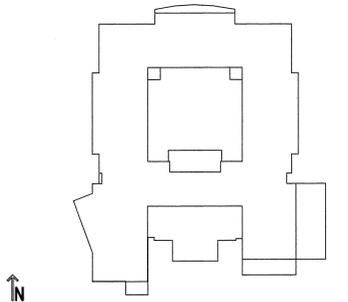
**SYMBOL SCHEDULE**  
ALL RF SHEETS

- RF RF OUTLET - RE: 1RF-4, 5RF-5. MOUNT ON 1-GANG BOX - SEE ELECTRICAL.
- AV AUDIO/VIDEO INPUT INTERFACE. RE: 1RF-4, 4RF-5. MOUNT ON 2-GANG RING - SEE ELECTRICAL.
- TV AUDIO/VIDEO OUTPUT AND RF OUTPUT. RE: 1RF-4, 2RF-4, 1RF-5. MOUNT ON 2-GANG RING IN CEILING - SEE ELECTRICAL.
- C CAFETERIA AUDIO/VIDEO INTERFACE WITH MICROPHONE INPUT. RE: 2RF-5 FOR PLATE. RE: 4RF-4 FOR WIRING. MOUNT ON 2-GANG BOX - SEE ELECTRICAL.
- I CAMERA INTERFACE. RE: 1RF-4, 3RF-5. MOUNT ON 2-GANG RING - SEE ELECTRICAL.
- S CEILING SPEAKER. X DENOTES SPEAKER ZONE. TAP SPEAKERS AT 4 WATTS.
- VA VOLUME ATTENUATOR
- CC CAMERA INTERFACE AND SWITCHER CONTROL. RE: 6RF-5, 1RF4. MOUNT ON 3-GANG BOX - SEE ELECTRICAL.



**1 FIRST FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

KEY PLAN



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS

THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

**McKINLEY MIDDLE  
MAGNET SCHOOL**

1550 EDDIE ROBINSON SR. DRIVE  
BATON ROUGE, LOUISIANA 70802

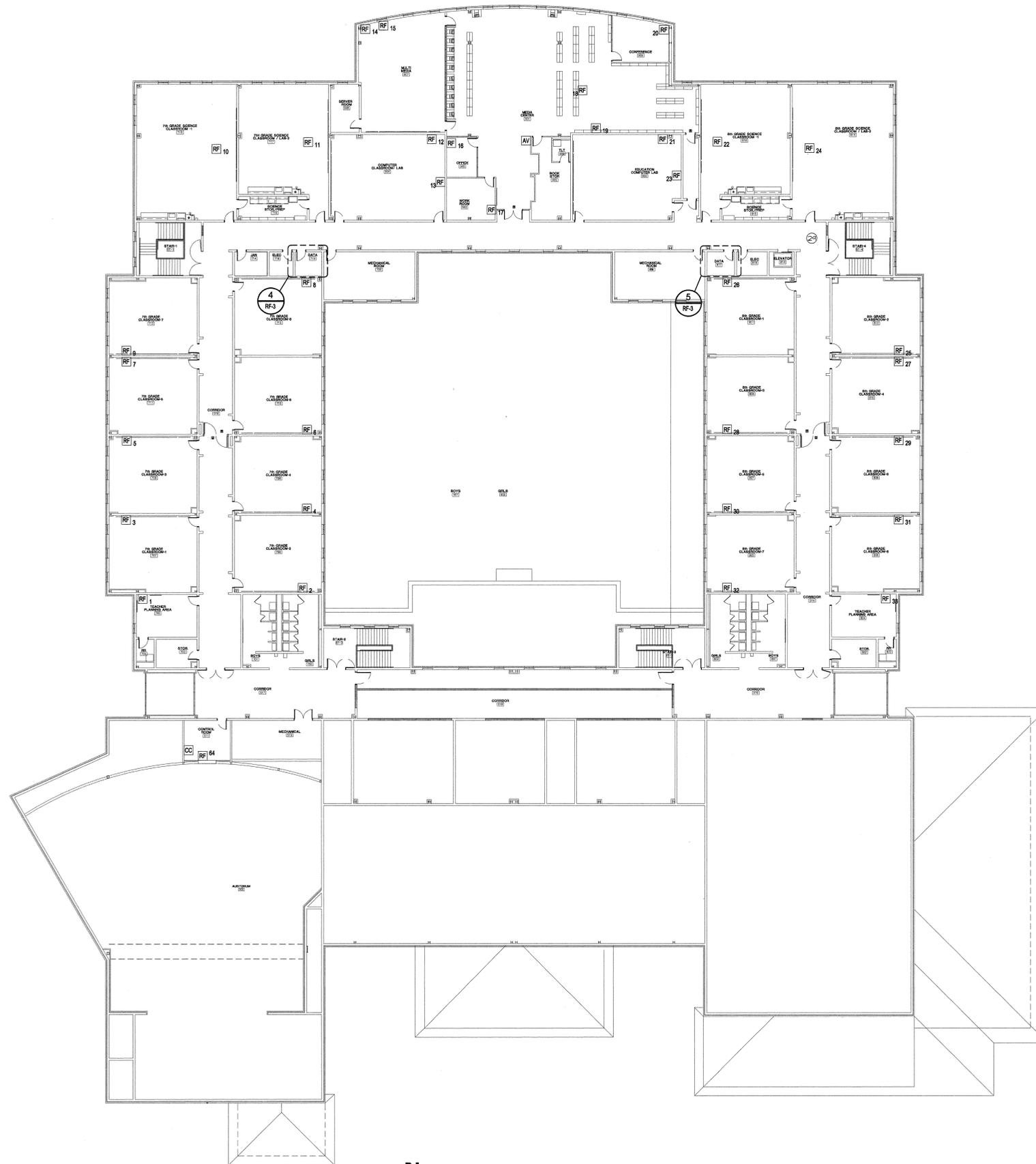


Robert M. Coleman Architects  
& Partners

MI 225.387.4414  
fax 225.387.4893

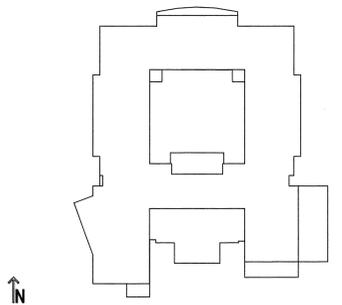
3377 North Boulevard  
Baton Rouge, Louisiana  
70804 U.S.A.

	PROJECT NO. 03048	SHEET NO.
	DRAWN BY NBTA	<b>RF-1</b>
	CHECKED BY NBTA	
	DATE October 15, 2004	
	OF	



**1 SECOND FLOOR PLAN**  
SCALE: 1/16" = 1'-0"

KEY PLAN



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS  
 THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES, OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADJUDGED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

**McKINLEY MIDDLE  
MAGNET SCHOOL**  
 1550 EDDIE ROBINSON SR. DRIVE  
 BATON ROUGE, LOUISIANA 70802



Robert M. Coleman Architects  
& Partners  
A.I.A.

tel 225.387.4414  
fax 225.387.4493

3377 North Boulevard  
Baton Rouge, Louisiana  
70806  
U.S.A.

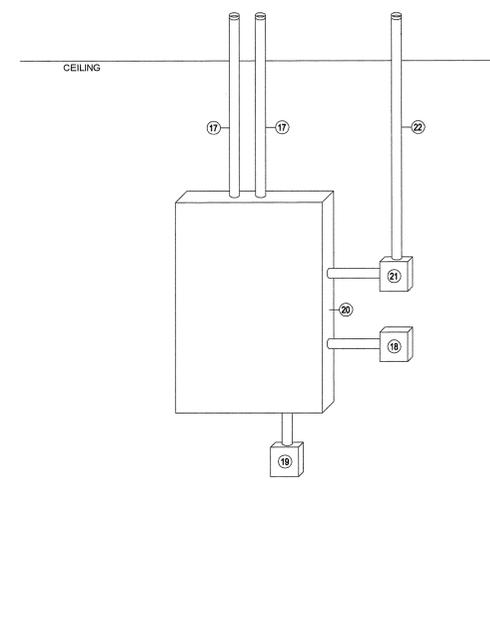
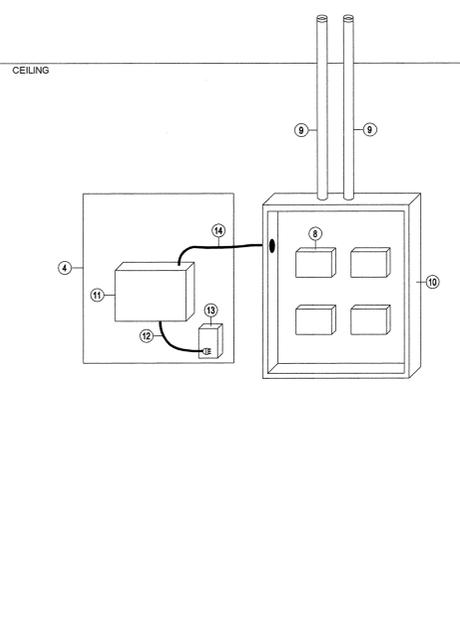
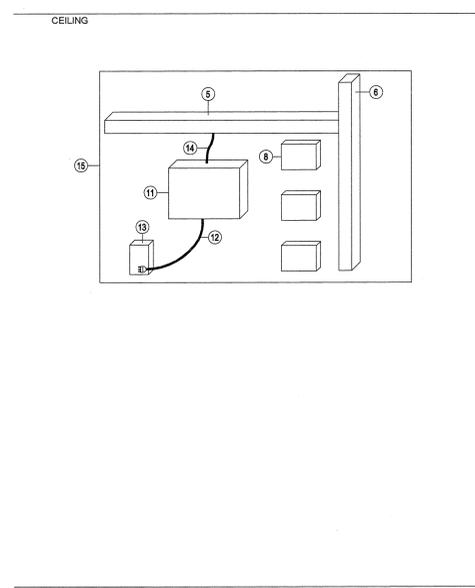
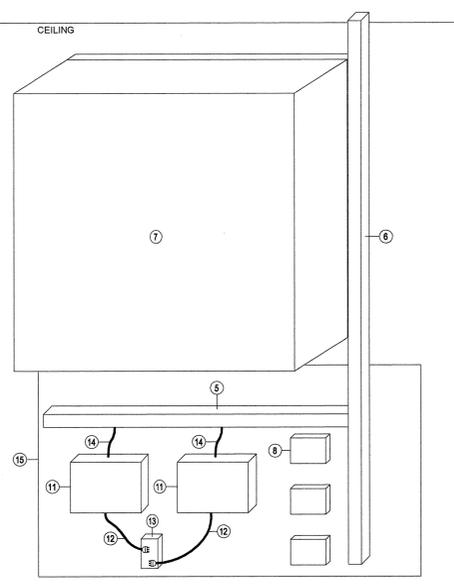
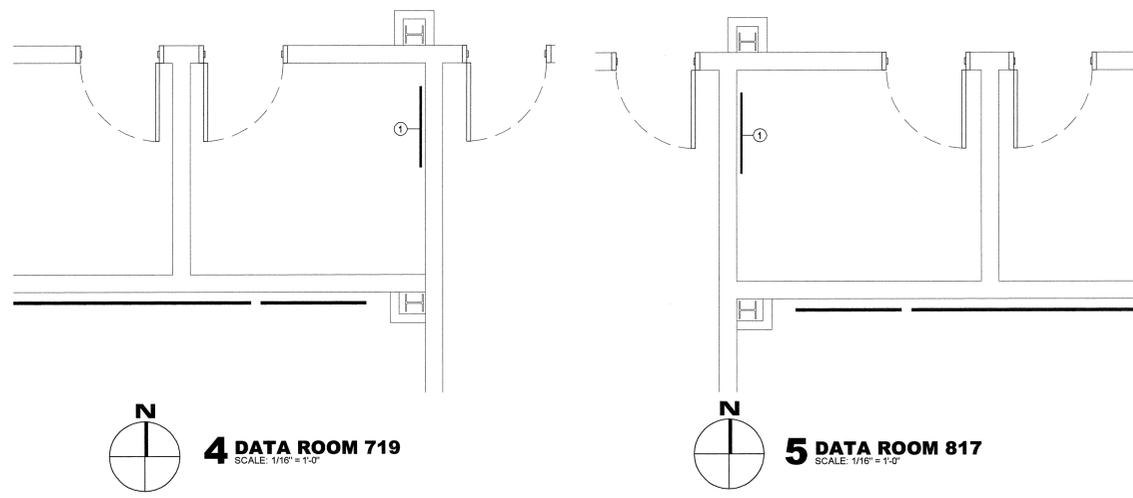
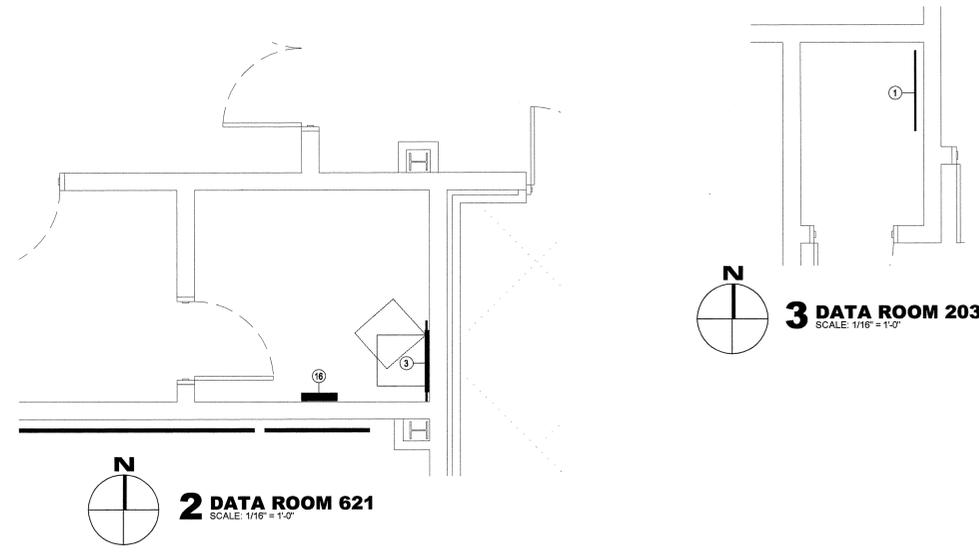
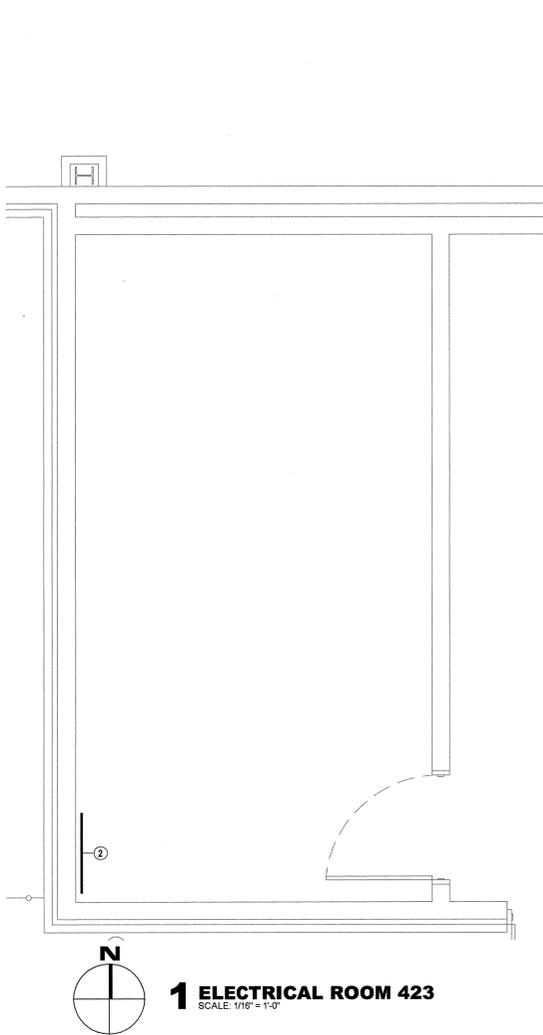


PROJECT NO.  
03048  
 DRAWN BY  
NBTA  
 CHECKED BY  
NBTA  
 DATE  
October 15, 2004

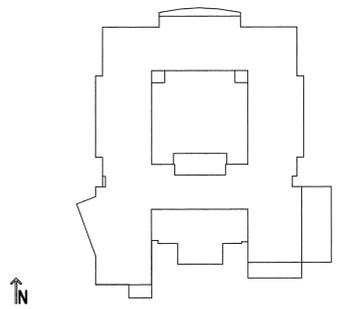
SHEET NO.  
**RF-2**  
OF

**KEYNOTES**  
THIS SHEET

- ① RF DISTRIBUTION SYSTEM COMPONENTS. RE: 7RF-3
- ② RF DISTRIBUTION SYSTEM COMPONENTS. RE: 8RF-3
- ③ RF DISTRIBUTION SYSTEM COMPONENTS. RE: 6RF-3
- ④ 3/4" FIRE RETARDANT PLYWOOD BACKBOARD.
- ⑤ ROUTE FINGER DUCT TO 4" CONDUIT - SEE ELECTRICAL.
- ⑥ 4x4 FINGER DUCT AS REQUIRED TO CONCEAL CABLE ON BACKBOARD. SUBMIT LAYOUT FOR REVIEW PRIOR TO INSTALLATION.
- ⑦ WALL RACK
- ⑧ PASSIVE DISTRIBUTION COMPONENTS - MOUNT COMPONENTS TO BACKBOARD IN BOX. (TYPICAL)
- ⑨ 2" CONDUIT STUBBED AND BUSHED ABOVE ACCESSIBLE CEILING SPACE.
- ⑩ SCREW COVER JUNCTION BOX 18 x 18 x 6" DEEP WITH PLYWOOD BACKBOARD.
- ⑪ RF DISTRIBUTION AMPLIFIER - MOUNT TO PLYWOOD BACKBOARD.
- ⑫ POWER CABLE TO NEAREST 120VAC CIRCUIT. PROVIDE COMPATIBLE PLUG.
- ⑬ 120VAC DUPLEX RECEPTACLE.
- ⑭ RF DISTRIBUTION CABLES.
- ⑮ PLYWOOD BACKBOARD - SEE ELECTRICAL.
- ⑯ WALL AMPLIFIER ASSEMBLY. RE: 9RF-3
- ⑰ 1 1/4" CONDUIT STUBBED AND BUSHED ABOVE ACCESSIBLE CEILING SPACE.
- ⑱ SURFACE MOUNT 1-GANG DEEP BOX WITH VOLUME ATTENUATOR.
- ⑲ SURFACE MOUNT 2-GANG BOX WITH COVER.
- ⑳ WALL AMPLIFIER
- ㉑ DPDT FIRE ALARM RELAY. RE: ELECTRICAL
- ㉒ 1 1/4" CONDUIT STUBBED AND BUSHED ABOVE ACCESSIBLE CEILING SPACE FOR FIRE ALARM CABLE. DO NOT RUN FIRE ALARM RELAY CONTROL CABLE IN CONDUIT WITH AUDIO CABLE.



KEY PLAN



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS  
THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADVISED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

**McKINLEY MIDDLE  
MAGNET SCHOOL**  
1550 EDDIE ROBINSON SR. DRIVE  
BATON ROUGE, LOUISIANA 70802

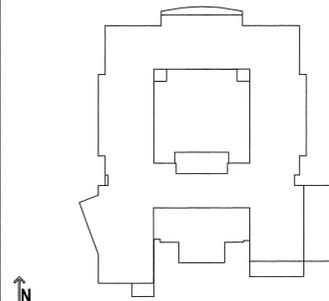
**Robert M. Coleman Architects & Partners A.I.A.**  
3377 North Boulevard  
Baton Rouge, Louisiana 70806  
U.S.A.  
Tel: 225.387.4414  
Fax: 225.387.4993

	PROJECT NO. 03048	SHEET NO. <b>RF-3</b>
	DRAWN BY NBTA	OF
	CHECKED BY NBTA	
	DATE October 15, 2004	

**KEYNOTES**  
THIS SHEET

- ① RF AMPLIFIER. INCLUDE ALL PADS AND EQUALIZER REQUIRED TO BALANCE SYSTEM.
- ② ENCLOSURE ON WALL.
- ③ 4-PORT DIRECTIONAL TAP. SELECT VALUE AS REQUIRED TO BALANCE SYSTEM. DESIGN VALUE SHOWN IN BRACKETS. FINAL VALUE REQUIRED TO ACCOMMODATE AS-BUILT CONDITIONS MAY VARY DEPENDING ON INSTALLATION CONDITIONS.
- ④ ALL CONNECTIONS ON DISTRIBUTION SYSTEM SHALL BE AS SPECIFIED, APPLIED W/ MANUFACTURERS RECOMMENDED TERMINATION TOOL. ALL CABLE RG-6 UNLESS OTHERWISE NOTED.
- ⑤ CABLE COMPANY FEED TO BUILDING.
- ⑥ RG-60B DIRECT BURIAL CABLE IN CONDUIT.
- ⑦ CATV F' GROUND BLOCK.
- ⑧ 2 EA. AUDIO INTERFACE TRANSFORMERS.
- ⑨ PRO TO HF AUDIO TRANSFORMER. COMPLETELY ISOLATE TRANSFORMER FROM ANY METALLIC OBJECTS IN BOX, INCLUDING BOX ITSELF. CONTACT TRANSFORMER MANUFACTURER FOR CONNECTION DETAILS.
- ⑩ PRECISION VIDEO CABLE.
- ⑪ AUDIO SUMMING DISTRIBUTION AMPLIFIER. CONFIGURE AMPLIFIER TO SUM STEREO INPUTS INTO SINGLE MONO TRANSFORMER BALANCED OUTPUT. CONFIGURE OUTPUT FOR +4dBm (NOM.) CONFIGURE INPUTS FOR -40dBm TO +24dBm.
- ⑫ VIDEO ISOLATION TRANSFORMER.
- ⑬ MICROPHONE CABLE.
- ⑭ COMPOSITE VIDEO + L/R AUDIO.
- ⑮ SWITCHER CONTROL CABLE.
- ⑯ SURGE PROTECTOR.
- ⑰ MATCHING TRANSFORMER.
- ⑱ TO TELECOMMUNICATIONS GROUNDING SYSTEM.
- ⑲ EXTRON ASA-101 PASSIVE STEREO TO MONO MIXER.
- ⑳ CHANNEL ELIMINATION FILTER.
- ㉑ RF MODULATOR.
- ㉒ CHANNEL COMBINER.
- ㉓ CONFIGURE FOR CHANNEL 80.
- ㉔ CONFIGURE FOR CHANNEL 81.
- ㉕ CONFIGURE FOR CHANNEL 82.
- ㉖ VIDEO EQUALIZING DISTRIBUTION AMPLIFIER.
- ㉗ THIS DRAWING IS INTENDED TO DEPICT RATHER THAN DEFINE THE WORK. CONTRACTOR SHALL ADJUST COMPONENTS AS NECESSARY TO OBTAIN SPECIFIED SIGNAL LEVELS AT OUTPUT TAPS.
- ㉘ AUDIO FEED FROM INTERCOM.
- ㉙ MICROPHONE AMPLIFIER WITH INTERCOM OVERRIDE.
- ㉚ VOLUME CONTROL.
- ㉛ AUDIO/VIDEO DISTRIBUTION AMPLIFIER.
- ㉜ AV SWITCHER.
- ㉝ QUAD RACKMOUNT MONITOR.
- ㉞ RF DEMODULATOR.
- ㉟ AUDIO INTERFACE TRANSFORMER.
- ㊱ ATI MLA400-1. CONFIGURE AS 1 X 3 DISTRIBUTION AMPLIFIER WITH BALANCED TRANSFORMER OUTPUT.
- ㊲ KRAMER OC-4.
- ㊳ L/R AUDIO.
- ㊴ AUDITORIUM HOUSE AUDIO (MONO) FEED IN ICJB-3.
- ㊵ DPDT FIRE ALARM RELAY. CONFIGURE TO BREAK SPEAKER LINE FEED CONNECTION WHEN FIRE ALARM RELAY IS IN ALARM.
- ㊶ RE: 1RF-4 FOR RF CONNECTION.

**KEY PLAN**



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS  
 THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADVISED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

**McKINLEY MIDDLE  
MAGNET SCHOOL**  
 1550 EDDIE ROBINSON SR. DRIVE  
 BATON ROUGE, LOUISIANA 70802



Robert M. Coleman Architects  
& Partners  
A.I.A.

3377 North Boulevard  
Baton Rouge, Louisiana  
70808  
U.S.A.  
Tel 225.387.4414  
Fax 225.387.4893

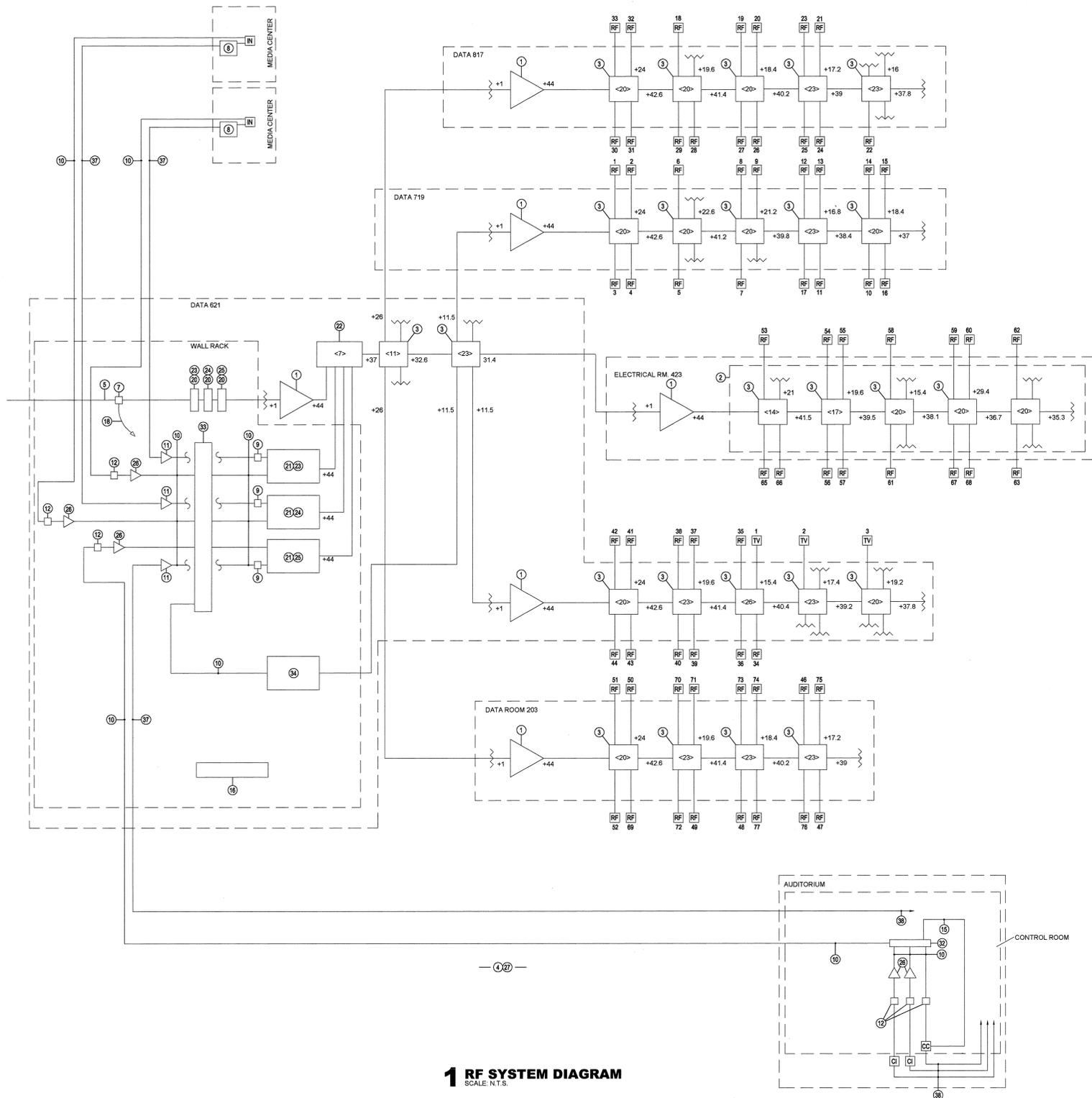


PROJECT NO.  
03048  
DRAWN BY  
NBTA  
CHECKED BY  
NBTA  
DATE  
October 15, 2004

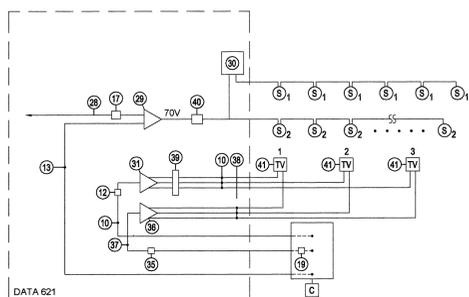
SHEET NO.

**RF-4**

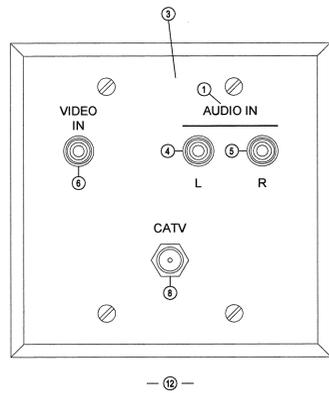
OF



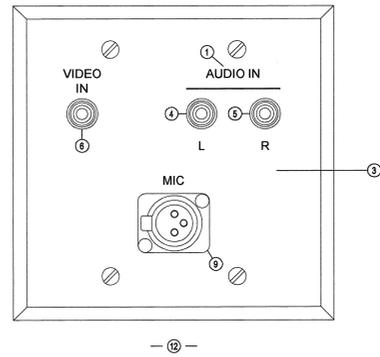
**1 RF SYSTEM DIAGRAM**  
SCALE: N.T.S.



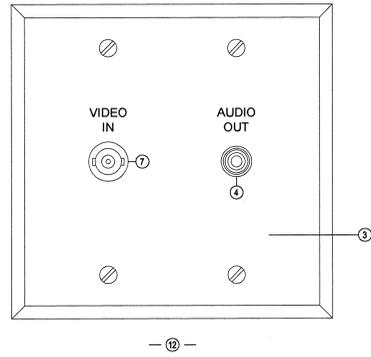
**2 CAFETERIA WIRING DIAGRAM**  
SCALE: N.T.S.



**1 AUDIO/VIDEO AND RF OUTLET**  
SCALE: N.T.S.



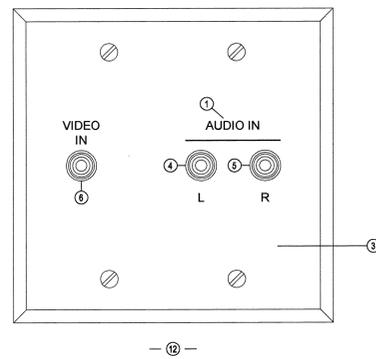
**2 CAFETERIA INTERFACE**  
SCALE: N.T.S.



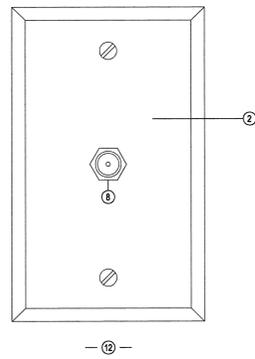
**3 CAMERA INTERFACE**  
SCALE: N.T.S.

**KEYNOTES**  
THIS SHEET

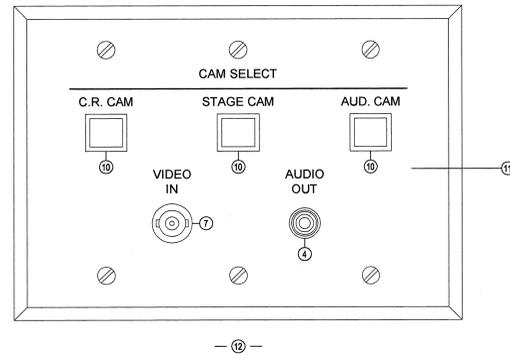
- ① ENGRAVE (TYP.)
- ② CUSTOM BRUSHED STAINLESS STEEL 1-GANG PLATE.
- ③ CUSTOM BRUSHED STAINLESS STEEL 2-GANG PLATE.
- ④ CANARE RJ-BCJR RCA TO BNC W/ IU-7/16 WHITE ISOLATED BUSHING.
- ⑤ CANARE RJ-BCJR RCA TO BNC W/ IU-7/16 RED ISOLATED BUSHING.
- ⑥ CANARE RJ-BCJR RCA TO BNC W/ IU-7/16 YELLOW ISOLATED BUSHING.
- ⑦ CANARE BCJ-JR BNC TO BNC W/ IU-7/16 YELLOW ISOLATED BUSHING.
- ⑧ CANARE FJ-JR F-CONNECTOR BULKHEAD W/ IU-7/16 BLACK ISOLATED BUSHING.
- ⑨ NEUTRIK NC3FD-L-1 3 POLE FEMALE XLR RECEPTACLE WITH NICKEL HOUSING.
- ⑩ SPDT BUTTON
- ⑪ CUSTOM BRUSHED STAINLESS STEEL 3-GANG PLATE.
- ⑫ VERIFY ALL COMPONENTS AND CONNECTIONS PRIOR TO CONSTRUCTION. DIAGRAMS SHOWN ARE INTENDED TO DEPICT RATHER THAN DEFINE THE WORK. PROVIDE MISCELLANEOUS COMPONENTS REQUIRED FOR A COMPLETE AND OPERABLE SYSTEM. SUBMIT DETAILED PLATE CONFIGURATION DIAGRAMS FOR REVIEW PRIOR TO PROCURING COMPONENTS. VERIFY ALL DIMENSIONS AND CLEARANCES PRIOR TO MANUFACTURING PLATE.



**4 STANDARD AUDIO/VIDEO INPUT PLATE**  
SCALE: N.T.S.

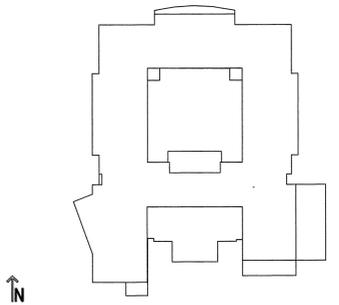


**5 RF OUTLET**  
SCALE: N.T.S.



**6 CAMERA INTERFACE**  
SCALE: N.T.S.

**KEY PLAN**



USE OF ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS  
THE DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS PREPARED BY THE ARCHITECT FOR THIS PROJECT ARE INSTRUMENTS OF THE ARCHITECT'S SERVICE FOR USE SOLELY WITH RESPECT TO THIS PROJECT AND, UNLESS OTHERWISE PROVIDED, THE ARCHITECT SHALL BE DEEMED THE AUTHOR OF THESE DOCUMENTS AND SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING REPRODUCIBLE COPIES OF THE ARCHITECT'S DRAWINGS, SPECIFICATIONS AND OTHER DOCUMENTS FOR INFORMATION AND REFERENCE IN CONNECTION WITH THE OWNER'S USE AND OCCUPANCY OF THE PROJECT. THE ARCHITECT'S DRAWINGS, SPECIFICATIONS OR OTHER DOCUMENTS SHALL NOT BE USED BY THE OWNER OR OTHERS ON OTHER PROJECTS, FOR ADDITIONS TO THIS PROJECT OR FOR COMPLETION OF THIS PROJECT BY OTHERS, UNLESS THE ARCHITECT IS ADVISED TO BE IN DEFAULT UNDER THIS AGREEMENT, EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

NO.	DATE	REVISION/SUBMISSION
1	11/12/04	FIRE MARSHAL AND C.P. REVISIONS

**McKINLEY MIDDLE  
MAGNET SCHOOL**  
1550 EDDIE ROBINSON SR. DRIVE  
BATON ROUGE, LOUISIANA 70802



Robert M. Coleman Architects  
& Partners  
A.I.A.

tel 225.387.4414  
fax 225.387.4883

3377 North Boulevard  
Baton Rouge, Louisiana  
70808  
U.S.A.



PROJECT NO.  
03048  
DRAWN BY  
NBTA  
CHECKED BY  
NBTA  
DATE  
October 15, 2004

SHEET NO..  
**RF-5**  
OF