



AUDIO KEY	
	6" CEILING SPEAKER - 70 Volt (see Notes) (69 Total)
	RDL RCX-J3 MIC+LINE AUDIO INPUT PANEL (5 Total)
	RDL RCX-2 ROOM CONTROL PANEL (5 Total)
	RDL RCX-CD1 ROOM COMBINING CONTROL PANEL (OPTIONAL)
	RDL RCX-A2 AUDIO OUTPUT PANEL (2 Total)

AUDIO NOTES	
•	All Ceiling Speakers are <b>Atlas Sound FAP-62T</b> or Approved Equivalent. 6" Full-Range commercial ceiling speaker with Multi-Tap 70Volt Transformer and steel back can.
•	Speakers are wired in parallel in each Room Zone using 1-pair #16AWG (Belden #8741 or equivalent) cabling. All speaker groups are home-run to Audio Rack, except Bar speakers.
•	Input and Output Cables are 2-Shielded-Pair #22AWG (Belden 8723 or equivalent) - Plenum or Conduit If Required by Local Codes.
•	Control Panel Cables are Category 5e- Plenum If Required. RCX-CD1 (Optional) Requires 2-Cat5e Cables
•	All Input/Output/Control Cables Home Run To Main Audio Rack as shown.
•	Audio Combining System shall be a Radio Design Labs (RDL) RCX-5CM Room Controller.
•	Audio Rack is 84" Middle Atlantic ERK-4420 (44RU) Floor Rack.
•	Bar A/V Rack is Middle Atlantic 32" SRSR-2-17 Slide-Out Rack (Requires 19.25 x 32.75 Opening)
•	Other Audio Equipment in Audio Racks To Be Specified.
•	All Audio/Video Electrical Circuits To Be On <b>SAME</b> AC Phase/Leg and Subpanel!

CABLE KEY	
	Belden 8741 or equivalent 1-pair #16AWG Speaker Cable
	Belden 8723 or equivalent 2-pair #22AWG Shielded Audio Cable
	Category 5e Cable
	RG-6 Quad-Shield Coax Cable (Antenna/Satellite)
	Dedicated 120VAC 15A Circuit

- 1 - Category 5E/6 cable to AV Rack (Plenum if required)
- 1 - 2 Shielded Pair #20AWG cable to AV Rack (Belden 8723). Plenum if required.
- 2 - 2 Shielded Pair #20AWG cable to AV Rack (Belden 8723). Plenum if required.
- 4 RG6 Quad-Shield Coax Cables to Antenna or Service Provider Drop As Required (Plenum If Required)
- 2 - Category 5e Cables (Spares)
- Dedicated 120V 20A Circuit

REVISIONS	
	Changed Speaker Layouts

**CHARM AND IMAGINATION**  
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# COMFORT INN BANQUET HALLS

## 425 E ROUTE 59, NANUET, NY

### CALIBER BUILDERS

# AUDIO SYSTEMS LAYOUT

DATE:	4/05/2008
SCALE:	N/T/S
DRAWN:	□□
APPR:	
JOB:	Caliber Comfort Inn
QA:	
REV.	DRAWING NO:
1	AV-1