



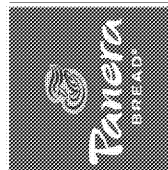
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ISSUE FOR REVIEW



### AUDIO SYSTEM DESIGN GUIDELINES:

**DINING AREA:**  
CONTROLLED BY A DOUBLE-GANG 200W ATTENUATOR LOCATED ON THE WALL IN THE MANAGER'S OFFICE.

- THE LOUDSPEAKERS SHALL BE LOCATED IN A SYMMETRICAL PATTERN, MAINTAINING EQUAL DISTANCE IN BOTH DIRECTIONS IN THE CENTER OF THE SPACE.
- THE LOUDSPEAKERS SHALL BE LOCATED A MINIMUM OF 4 FEET (1.22 METERS) AWAY FROM THE NEAREST WALL OR SOFFIT IN ANY DIRECTION BUT NO MORE THAN 8 FEET (2.44 METERS) AWAY FROM THE NEAREST WALL OR SOFFIT.
- MAINTAIN A MINIMUM DISTANCE OF 8 FEET (2.44 METERS) BETWEEN ANY TWO LOUDSPEAKERS.
- THE MAXIMUM DISTANCE BETWEEN TWO LOUDSPEAKERS SHALL BE NO MORE THAN 16 FEET (4.88 METERS).

**ENTRY AREA:**  
CONTROLLED BY A SINGLE-GANG 100W ATTENUATOR LOCATED ON THE WALL IN THE MANAGER'S OFFICE. VESTIBULE SHALL HAVE A SINGLE FLUSH MOUNT CEILING LOUDSPEAKER CENTERED IN THE SPACE.

- THE INTERIOR SPACE ADJACENT TO THE VESTIBULE SHALL HAVE A SINGLE FULL RANGE LOUDSPEAKER AT A MINIMUM OF 4 FEET (1.22 METERS) FROM THE VESTIBULE AND A MAXIMUM OF 10 FEET (3.048 METERS) FROM THE VESTIBULE.
- IF LOCAL CODES ALLOW THERE SHALL BE ONE SURFACE MOUNTED LOUDSPEAKER ON THE EXTERIOR OF THE BUILDING IN THE ENTRY AREA.

**PATIO AREA:**  
CONTROLLED BY A DOUBLE-GANG 200W ATTENUATOR LOCATED ON THE WALL IN THE MANAGER'S OFFICE. THE LOUDSPEAKERS SHALL BE SURFACE MOUNTED, FULL-RANGE AND HIGH OUTPUT (60W MAXIMUM).

- THE NUMBER OF LOUDSPEAKERS AND THEIR LOCATION TO BE DETERMINED BY THE SIZE OF THE SPACE AND THE BUILDING ARCHITECTURE.

### AUDIO SYSTEM DESIGN GUIDELINES:

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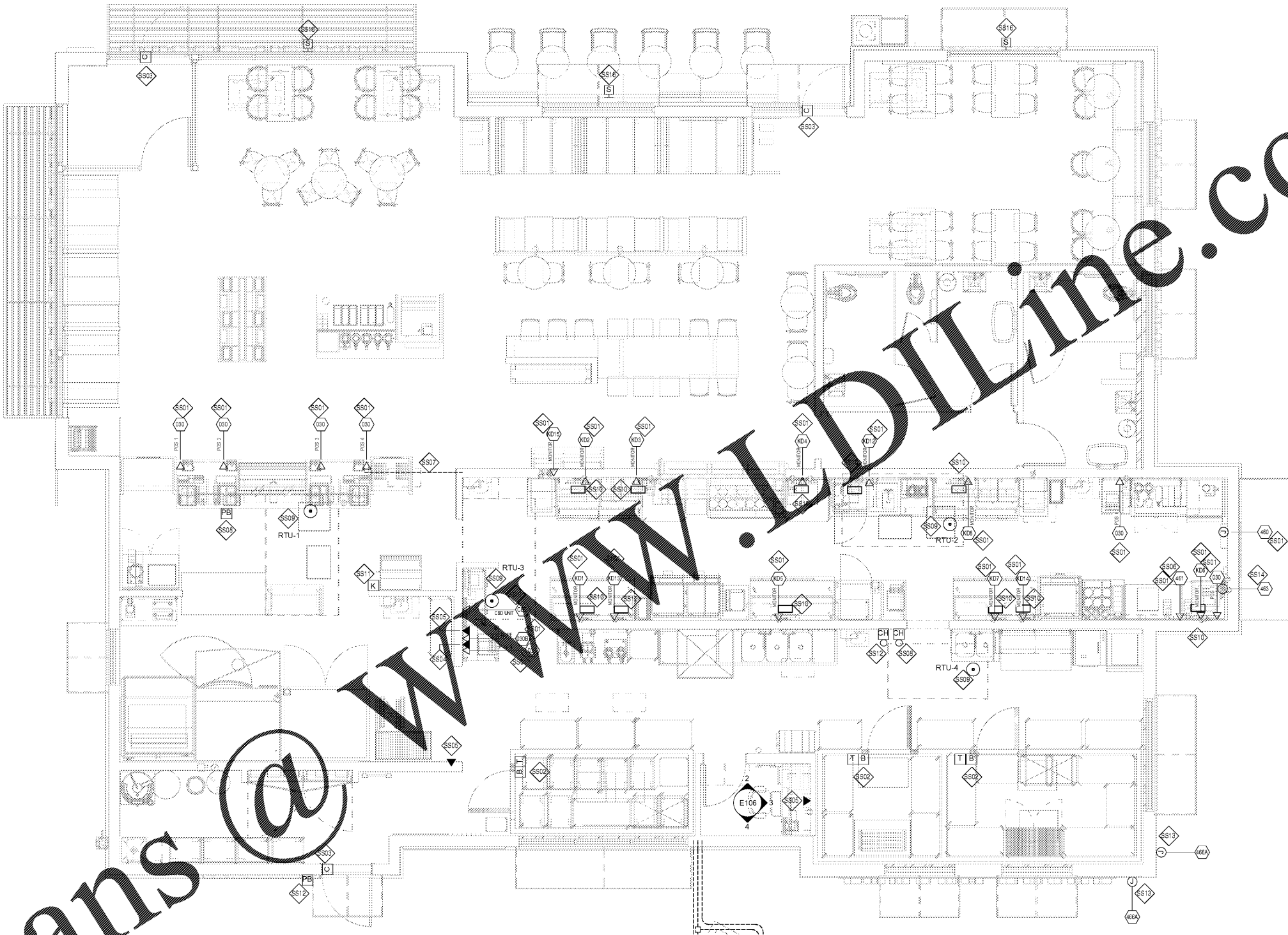
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- SPEAKER NOTES:**
- SPEAKER SYSTEM TO BE INSTALLED ON A DESIGN BUILD BASIS BY PANERA'S VENDOR.
  - EXTERIOR LOCATIONS INDICATED ON PLAN FOR GENERAL PLACEMENT.
  - FOR INTERIOR LOCATIONS, REFER TO VENDOR SHOP DRAWINGS.

### SS# SPECIAL SYSTEMS PLAN KEYED NOTES

- SS01 SEE "POS SYSTEM DIAGRAM" ON SHEET E106 FOR ALL WIRING AND CONNECTION INFORMATION.
- SS02 AT FREEZER AND COOLER PROVIDE TWO SINGLE GANG JUNCTION BOXES ADJACENT TO STRIKE SIDE OF DOOR WITH 1/2" CONDUIT W/PULLWIRE STUBBED OUT ABOVE ACCESSIBLE CEILING. ONE BOX FOR ALARM SYSTEM HOLD-UP PUSHBUTTON AND ONE FOR TEMPERATURE SENSOR. FIELD VERIFY EXACT LOCATIONS W/OWNERS REPRESENTATIVE. COORDINATE WORK WITH SECURITY SYSTEM CONTRACTOR AND FREEZER/COOLER EQUIPMENT MANUFACTURER. PROVIDE ALL NECESSARY CONTROL WIRING FOR FREEZER AND COOLER PER MANUFACTURERS REQUIREMENTS.
- SS03 PROVIDE 1/2" CONDUIT W/PULLWIRE CONCEALED IN PARTITION RUN UP FROM TOP EDGE OF DOOR FRAME AND STUBBED OUT ABOVE ACCESSIBLE CEILING FOR DOOR CONTACT. CONDUIT SHALL BE AT STRIKE SIDE OF DOOR, NOT HINGED SIDE. COORDINATE WORK WITH SECURITY SYSTEM CONTRACTOR.
- SS04 COORDINATE INSTALLATION OF ROPE TERMINAL AND PRINTER CONTRACTOR TO PROVIDE PATCH PANELS FROM OFFICE (MINIMUM 3 PLUS EXTRAS AS BACKUP) AT FAX MACHINE PROVIDE ROUGH-IN FOR PHONE LINE AT 62" AFF WITH 1/2" CONDUIT W/PULLWIRE UP IN PARTITION STUBBED OUT ABOVE ACCESSIBLE CEILING.
- SS05 PROVIDE CONDUIT FROM ALL PHONE OUTLETS AT HEIGHT INDICATED TO THE TELEPHONE SYSTEM IN THE OFFICE. TELEPHONE CONDUITS SHALL HAVE A PULL WIRE INSTALLED. STUB 3/4" CONDUIT FROM TELEPHONE OUTLET TO ABOVE FINISHED CEILING. PROVIDE INSULATED BUSHING ON CONDUIT END. CURVE CONDUIT TOWARDS DIRECTION OF TELEPHONE SERVICE. COORDINATE WITH TELEPHONE COMPANY PRIOR TO INSTALLATION.
- SS06 HME WIRELESS TRANSMITTER LOCATED @ 24" BELOW CEILING. VERIFY LOCATION AND REQUIREMENTS WITH GENERAL CONTRACTOR IN FIELD.
- SS07 ROUTE POS SYSTEM CONDUIT(S) UNDER FLOOR OR THROUGH CASEWORK TO NEAREST FULL HEIGHT PARTITION - THEN UP ABOVE ACCESSIBLE CEILING. PROVIDE PULL WIRE. SEE POS SYSTEM NOTES ON SHEET E106 FOR QUANTITY, SIZES, AND REQUIREMENTS.
- SS08 PROVIDE PUSH BUTTON AT MAIN BAKERY REGISTER WITH CHIME IN REAR AREA. CHIME TONE SHALL BE DIFFERENT FROM THAT OF THE DOOR CHIME. RUN WIRING IN CABINETS AND/OR IN CONDUIT BELOW FLOOR IF REQUIRED TO STUB OUT ABOVE ACCESSIBLE CEILING. VERIFY REQUIREMENTS IN FIELD.
- SS09 PROVIDE ROUGH-IN AND FINAL CONNECTION TO SMOKE DETECTOR MOUNTED IN REAR AIR DUCT. DETECTOR SHOULD SHUT DOWN RTU UPON ACTIVATION.
- SS10 VIDEO MONITOR, COMPLETE WITH VDU CONTROL BOX, IS SUPPLIED AND INSTALLED BY VENDOR.
- SS11 PROVIDE RECESSED SINGLE GANG JUNCTION BOX AT 60" AFF WITH 1/2" CONDUIT W/ PULL WIRE UP IN PARTITION STUBBED OUT ABOVE ACCESSIBLE CEILING FOR ALARM SYSTEM CONTROL KEYPAD. LOCATE THE KEYPAD ON JUST INSIDE OF THE WALL NEAR THE DOORWAY INTO THE KITCHEN. ADJACENT TO THE MANAGER'S FRONT ENTRY. COORDINATE WORK WITH SECURITY SYSTEM CONTRACTOR.
- SS12 PROVIDE DOOR BUZZER SYSTEM AT REAR ENTRY DOOR. PROVIDE PUSHBUTTON AT 48" AFF ADJACENT TO STRIKE SIDE OF ENTRY DOOR. PROVIDE BUZZER MOUNTED JUST BELOW CEILING IN KIT AREA. FIELD VERIFY EXACT LOCATION. PUSHBUTTON SHALL BE EDWARDS 632 OR EQUAL BUZZER SHALL BE EDWARDS 725 OR EQUAL.
- SS13 JBOX/CONDUIT FOR DRIVE THRU SECURITY CAMERAS. VERIFY LOCATION AND REQUIREMENTS WITH EQUIPMENT PROVIDER PRIOR TO INSTALLATION OF CONDUIT.
- SS14 PROVIDE ROUGH-IN AND FINAL CONNECTION TO SECURITY SYSTEM MONITOR. VERIFY CONNECTION REQUIREMENTS WITH SECURITY SYSTEM PROVIDER.
- SS16 EXTERIOR SPEAKERS. SEE SPEAKER NOTES AND DETAILS ON SHEET E106 FOR MORE INFORMATION.



**1 SPECIAL SYSTEMS PLAN**  
1/4" = 1'-0"

SYMBOL		DESCRIPTION
▶		ROUGH-IN FOR TELEPHONE VOICE LINE. VERIFY ROUGH-IN.
▷		ROUGH-IN FOR TELEPHONE DATA LINE OR DATACOM. VERIFY ROUGH-IN HEIGHT.
⊙	CH	CHIME
⊓	C	DOOR CONTACT
⊓	PB	PUSH BUTTON
⊓	B	ALARM SYSTEM HOLD-UP PUSHBUTTON
⊓	T	COOLER/FREEZER TEMPERATURE SENSOR
⊓	S	EXTERIOR SPEAKER
⊓	K	ALARM SYSTEM CONTROL KEYPAD

NO.	DESCRIPTION	DATE

### SPECIAL SYSTEMS PLAN

Project Number: 449-18  
 Drawn: CJS  
 Checked: NJD  
 Issue Date: 10/01/18  
 DPM: DM  
 BS: DM ME

Sheet Number: E105