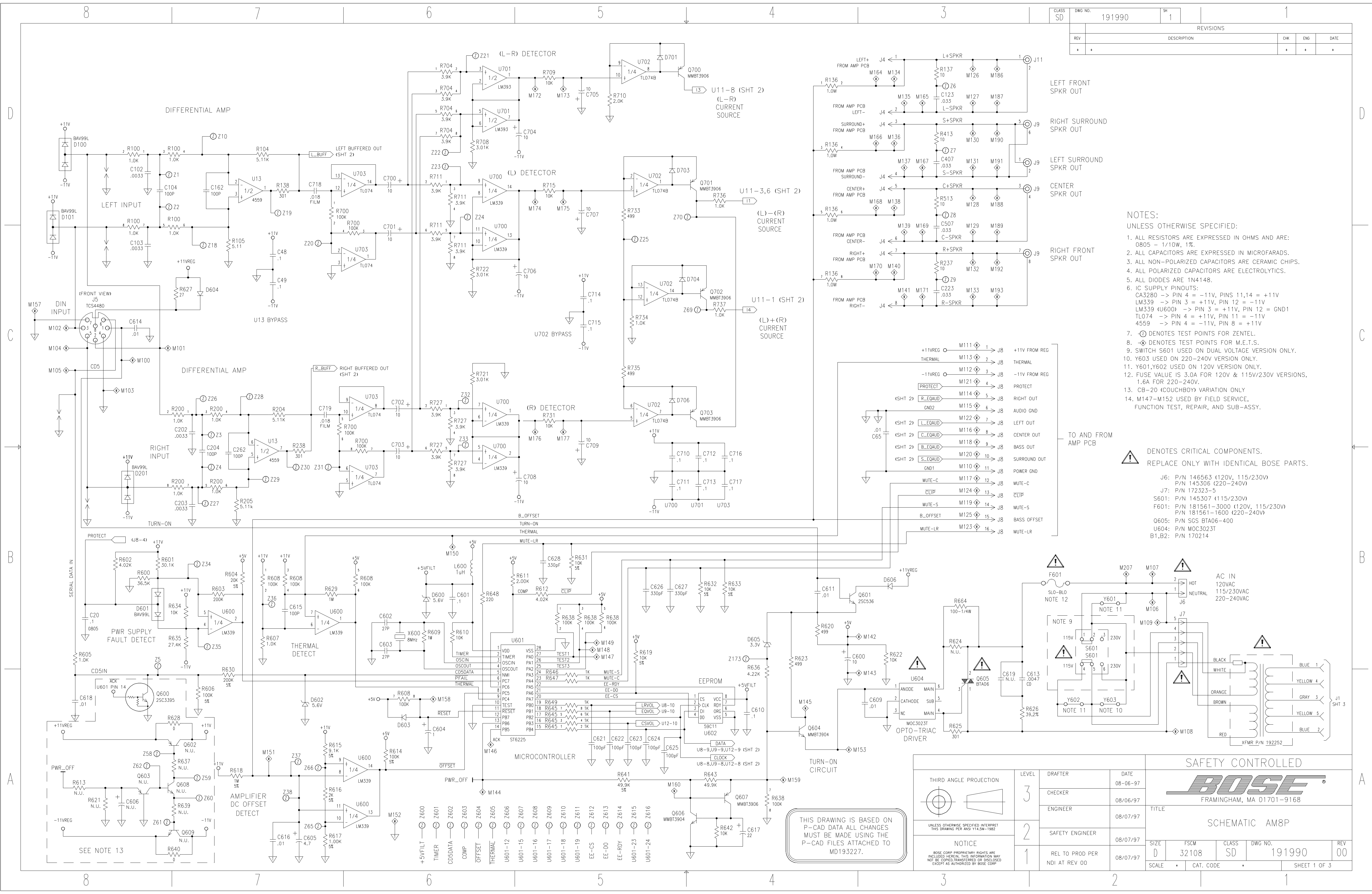




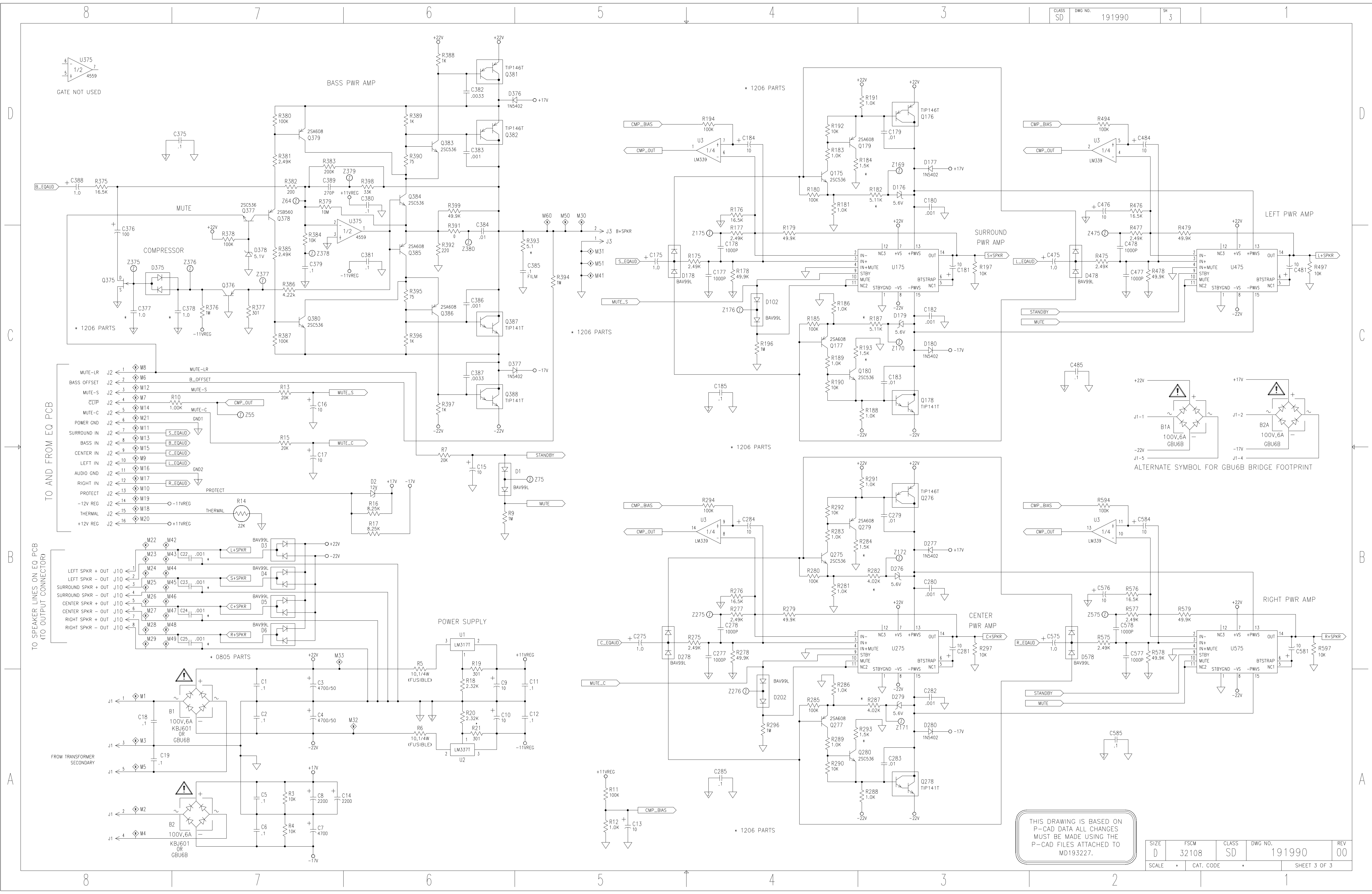
CLASS	DWG NO.	SH	1
SD	191990	1	
REVISIONS			
REV	DESCRIPTION		CHK
*	*		*

- NOTES:
- UNLESS OTHERWISE SPECIFIED:
- ALL RESISTORS ARE EXPRESSED IN OHMS AND ARE:
0805 - 1/10W, 1%.
 - ALL CAPACITORS ARE EXPRESSED IN MICROFARADS.
 - ALL NON-POLARIZED CAPACITORS ARE CERAMIC CHIPS.
 - ALL POLARIZED CAPACITORS ARE ELECTROLYTICS.
 - ALL DIODES ARE 1N4148.
 - IC SUPPLY PINOUTS:
CA3280 -> PIN 4 = -11V, PINS 11,14 = +11V
LM339 -> PIN 3 = +11V, PIN 12 = -11V
LM339 (U600) -> PIN 3 = +11V, PIN 12 = GND1
TL074 -> PIN 4 = +11V, PIN 11 = -11V
4559 -> PIN 4 = -11V, PIN 8 = +11V
 - ⊕ DENOTES TEST POINTS FOR ZENEL.
 - ⊖ DENOTES TEST POINTS FOR M.E.T.S.
 - SWITCH S601 USED ON DUAL VOLTAGE VERSION ONLY.
 - Y603 USED ON 220-240V VERSION ONLY.
 - Y601,Y602 USED ON 120V VERSION ONLY.
 - FUSE VALUE IS 3.0A FOR 120V & 115V/230V VERSIONS,
1.6A FOR 220-240V.
 - CB-20 (COUCHBOY) VARIATION ONLY
 - M147-M152 USED BY FIELD SERVICE,
FUNCTION TEST, REPAIR, AND SUB-ASSY.

⚠ DENOTES CRITICAL COMPONENTS.
REPLACE ONLY WITH IDENTICAL BOSE PARTS.

- J6: P/N 146563 (120V, 115/230V)
P/N 145306 (220-240V)
J7: P/N 172323-5
S601: P/N 145307 (115/230V)
F601: P/N 181561-3000 (120V, 115/230V)
P/N 181561-1600 (220-240V)
Q605: P/N SGS BTA06-400
U604: P/N MOC3023T
B1,B2: P/N 170214

THIRD ANGLE PROJECTION			
LEVEL	3	DRAFTER	DATE
CHECKER			08-06-97
ENGINEER			08/06/97
SAFETY ENGINEER			08/07/97
REL TO PROD PER			08/07/97
NDI AT REV 00			
SAFETY CONTROLLED			
TITLE			
SCHEMATIC AM8P			
SIZE	FSCM	CLASS	DWG NO.
D	32108	SD	191990
SCALE	CAT. CODE	SHEET 1 OF 3	



THIS DRAWING IS BASED ON
P-CAD DATA ALL CHANGES
MUST BE MADE USING THE
P-CAD FILES ATTACHED TO
MD193227.

SIZE	FSCM	CLASS	DWG NO.	REV
D	32108	SD	191990	00
SCALE	CAT. CODE	SHEET 3 OF 3		