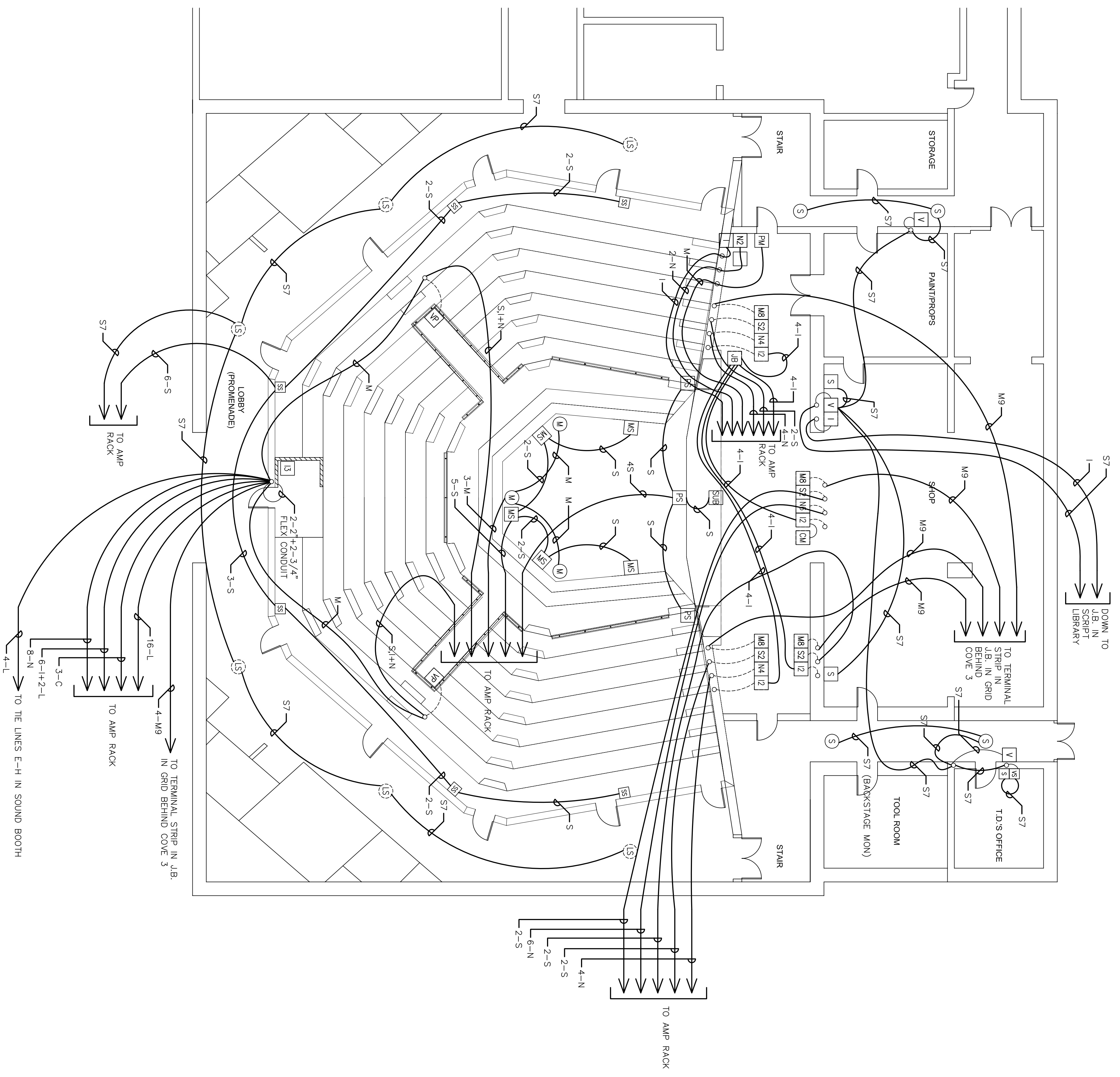


REVISION	DATE	BY	DESCRIPTION
1	5/10/07	AV DESIGN CONCEPT	
2	6/13/07	REV 2	
3	11/10/07	AS-BUILT	
Mark	Date	Description	
COMMISSIONING			
PROJECT NAME	DRAWN BY: NCV      CHECKED BY: JDL		

**WIRE LAYOUT  
 1ST FLOOR**

**AV-5**



**WIRE SCHEDULE**

SYMBOL	TYPE	WIRE	O.D.	CABLE AREA
M	MIC WIRE	BELDEN - 9451	.135"	.0143 SQ. IN.
M9	9 PAIR MIC WIRE	BELDEN - 8774	.417"	.1366 SQ. IN.
L	LINE WIRE	BELDEN - 9451	.135"	.0143 SQ. IN.
I	INTERCOM WIRE	BELDEN - 9451	.135"	.0143 SQ. IN.
S	SPEAKER WIRE	BELDEN - 5000UE	.268"	.057 SQ. IN.
S7	70 VOLT SPEAKER WIRE	BELDEN - 5300UE	.161"	.021 SQ. IN.
V	VIDEO WIRE	BELDEN - 1505A	.235"	.0434 SQ. IN.
N	NETWORK WIRE	BELDEN - 1583A	.214"	.036 SQ. IN.
C	CONTROL WIRE	BELDEN - 9451	.135"	.0143 SQ. IN.

**CONDUIT FILL SCHEDULE**

CONDUIT SIZE	40% CABLE FILL (3+)
1/2"	.12 SQ. IN.
3/4"	.21 SQ. IN.
1"	.34 SQ. IN.
1 1/4"	.60 SQ. IN.
1 1/2"	.82 SQ. IN.
2"	1.34 SQ. IN.
2 1/2"	1.92 SQ. IN.
3"	2.95 SQ. IN.
3 1/2"	3.96 SQ. IN.
4"	5.09 SQ. IN.

**1 FIRST FLOOR - WIRE LAYOUT**  
 NW-5 1/8"=1'-0"