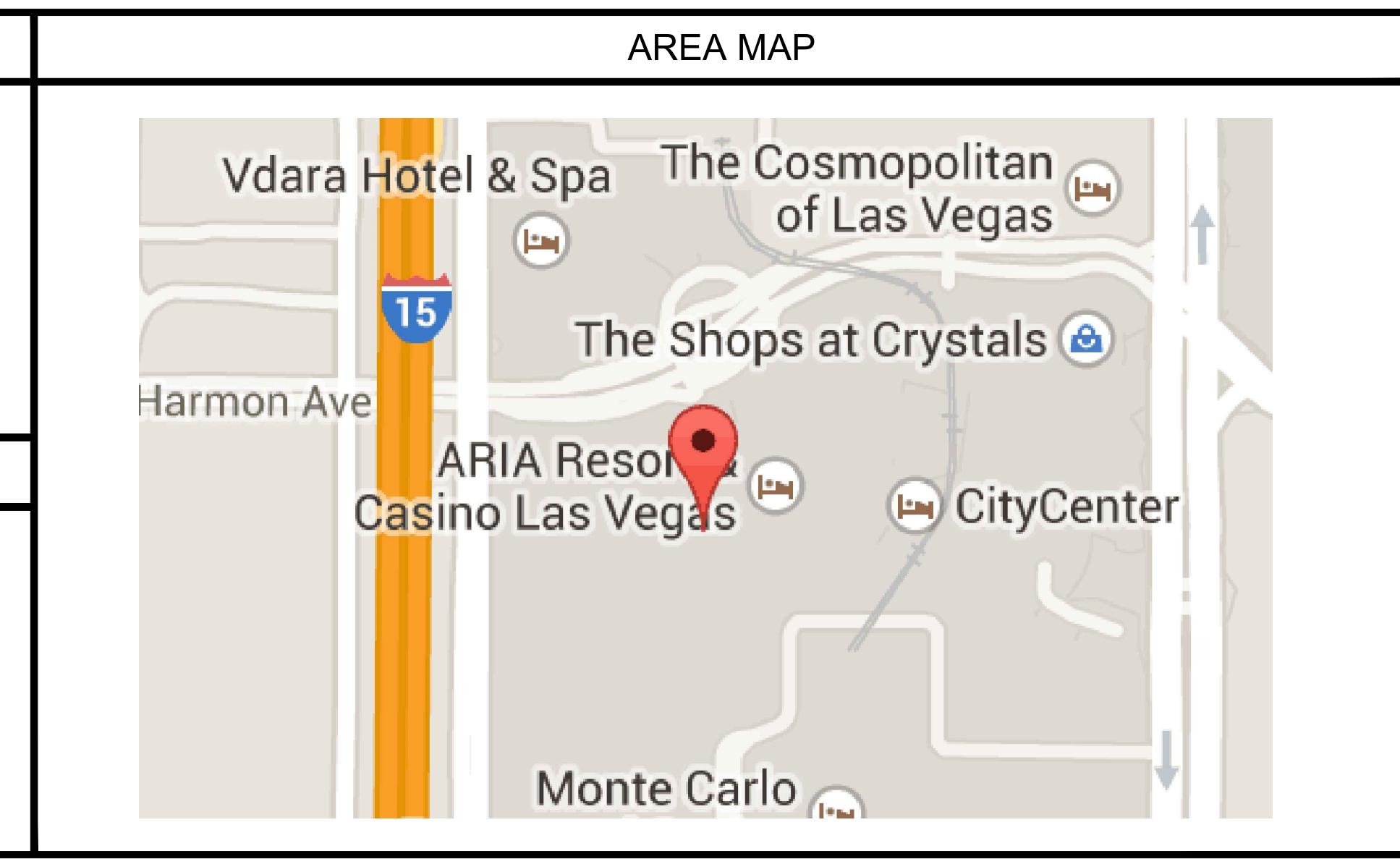


SHEET LEGEND	
AV000.01	PROJECT COVER SHEET, INDEXES AND LEGENDS
AV201.01	AV201.99 FACILITY FLOOR PLANS
AV301.01	AV301.99 FACILITY REFLECTED CEILING PLANS
AV401.01	AV401.99 FACILITY ELEVATION VIEWS
AV601.01	AV601.99 AUDIO SINGLE LINE DIAGRAMS
AV602.01	AV602.99 VIDEO SINGLE LINE DIAGRAMS
AV603.01	AV603.99 CONTROL SINGLE LINE DIAGRAMS
AV604.01	AV604.99 NETWORK & FIBER SINGLE LINE DIAGRAMS
AV605.01	AV605.99 CONDUIT RISER
AV701.01	AV701.99 EQUIPMENT RACK ELEVATIONS & DETAILS
AV702.01	AV702.99 PATCH BAY LABELS & PANEL LAYOUTS
AV703.01	AV703.99 MECHANICAL & MISCELLANEOUS DETAILS



ARIA RESORT & CASINO CATCH BUILD-OUT

3730 LAS VEGAS BLVD
LAS VEGAS, NV 89158

SHOP DRAWINGS

GENERAL PROJECT NOTES	
<p>1. ALL SYMBOLS AND DESIGNATORS SHOWN ARE NOT NECESSARILY USED IN THIS PACKAGE. 2. BOX MOUNTING HEIGHTS ARE TO CENTER OF FACE OF BOX. 3. BOX MOUNTING DEPTHS ARE TO FACE OF BOX. P = PROTRUDING R = RECESSED F = FLUSH S = SURFACE 4. ALL BOXES AND CONDUIT IN WALLS AND CEILINGS SHALL BE FLUSH MOUNTED OR CONCEALED U.O.N. 5. VERIFY ALL STANDARD HEIGHTS WITH PREVAILING CONDITIONS AT JOBSITE. 6. THESE DRAWINGS ARE FOR REQUIREMENTS REFERENCE ONLY. NOT FOR CONSTRUCTION. COORDINATE WITH ARCHITECT FOR ALL DEVICE LOCATIONS. 7. SUPPLY AND INSTALLATION OF ALL CONDUIT, POWER CIRCUITS, BACK BOXES, ELECTRICAL DEVICES, ELECTRICAL WIRING IS TO BE PROVIDED BY THE PROJECT DIVISION 16 CONTRACTOR UNLESS NOTED OTHERWISE. SEE AV000.04 FOR DETAILS. 8. ALL CONDUIT SHALL BE STEEL (EMT OR RIGID), ALUMINUM, FIBerglass, OR PVC NOT ACCEPTABLE. FLEX CONDUIT SHALL NOT BE CONSIDERED ACCEPTABLE. 9. E.C. SHALL INSTALL NYLON ROPE IN ALL CONDUITS FOR WIRING SPECIFIED IN DIVISION 11. AND CONDUIT SHALL BE DEBURBED, CLEANED, CAPPED. CONDUIT STUB-OUTS, JUNCTION BOXES, AND OUTLETS SHALL BE SUITABLY LABELED FOR IDENTIFICATION OF FUNCTION, J-BOX #, AND/OR CONDUIT NUMBER. 10. E.C. TO PROVIDE BLANK COVER PLATES FOR ALL JUNCTION BOXES. 11. E.C. SHALL INSTALL INTERMEDIATE PULL BOXES IN CONDUITS FOR EVERY 180° TOTAL OF BENDS. 12. E.C. SHALL INSTALL INTERMEDIATE PULL BOXES IN CONDUITS FOR EVERY 100 RUNNING FEET OF CONDUIT. 13. INTERMEDIATE PULL BOXES SHALL BE 12"x12"x4", MINIMUM IF ANY CONDUIT ENTRY IS 1"-1/4" OR LARGER. 14. INTERMEDIATE PULL BOXES SHALL BE 4-11/16" SQUARE x 3 1/2" DEEP IF ALL CONDUIT ENTRIES ARE 1" OR LESS. 15. ALL 120 VOLT WIRE, DEVICES, AND CONNECTIONS BY E.C. 16. ALL LOW VOLTAGE A/V SYSTEM DEVICES, AND CONNECTIONS BY A/V SYSTEM (SUB)CONTRACTOR. 17. ALL GANG-BOXES SHALL BE 3 1/2" DEEP, MINIMUM, SINGLE PIECE CONSTRUCTION. MODULAR BOXES ARE NOT ACCEPTABLE. 18. FLUSH OR RECESS MOUNTED 1 & 2-GANG BOXES SHALL BE 4-11/16" SQUARE x 3 1/2" DEEP BOX WITH APPROPRIATE PLASTER RIM, EXTENSION U.O.N. 19. PROVIDE ALL CONDUIT, J-BOXES, NEMA OR CUSTOM ENCLOSURES, FLOOR BOXES, LOUDSPEAKER ENCLOSURES, POWER CIRCUITS, POWER WIRE AND POWER CONNECTIONS UNDER THIS SECTION. DEVICE PLATES AND CONNECTOR PANELS SHALL BE PROVIDED UNDER DIVISION 11. 20. SUPPORT ALL LOUDSPEAKER ENCLOSURES FROM STRUCTURE RATHER THAN FROM CEILING. 21. ALL WIRING SHALL BE IN CONDUIT UNLESS OTHERWISE NOTED. ALL DEVICES CONNECTED WITH MINIMUM 3/4". 22. ELECTRICAL CONTRACTOR SHALL VERIFY ALL LISTED CONDUIT SIZES WITH ELECTRICAL CODES. 23. REFER TO ARCHITECTURAL ELEVATIONS AND CEILING PLANS FOR EXACT PLACEMENT OF DEVICES, CONDUIT & BACK BOXES WITH DESIGN ARCHITECT. 24. FLOOR PLANS ARE FINAL AUTHORITY OF DEVICE QUANTITIES WHICH ARE SUBJECT TO REVISION PROVIDING PROPER NOTICE. 25. WHERE NO BACKBOX IS REQUIRED PLEASE REFERENCE THE MANUFACTURER'S INSTALLATION DETAIL FOR ROUGH-IN AND CONDUIT TERMINATION. 26. WHERE EXACT DIMENSIONS ARE NOT CALLED OUT, THE LOCATION OF EQUIPMENT, JUNCTION BOXES, OUTLETS, WIRE WAYS, PANELS, ETC., ARE TO BE IDENTIFIED ON COORDINATION DRAWINGS FOR REVIEW ACCORDING TO PROJECT GENERAL CONDITIONS. 27. PROVIDE TEMPORARY LABELING DESCRIBING BOXES. 28. CONCEAL CONDUIT CONNECTIONS TO JUNCTION BOXES MOUNTED IN PUBLIC AREAS. WHERE BOXES ARE SURFACE MOUNTED, CONDUIT SHALL ENTER FROM THE REAR OF THE BOX. 29. REFER TO FLOOR PLANS AND CONDUIT RISER DIAGRAMS FOR CONDUIT SIZING AND INTERCONNECTION OF VARIOUS DEVICES. 30. CONSTANT VOLTAGE LOUDSPEAKER CABLE SHALL BE ROUTED IN CONDUIT WHEN EXPOSED, INACCESSIBLE OR AS REQUIRED BY SITE CONDITIONS. 31. CONDUIT RUN IN SLAPS SHALL HAVE A PULL BOX LOCATED FOR EACH 180 DEGREE BEND. 32. FOR EVERY 100 FEET OF STRAIGHT EMPTY CONDUIT, THERE SHALL BE A MINIMUM OF ONE PULL BOX, AND AN ACCESSIBLE PULL BOX FOR MORE THAN TWO 90 DEGREE BENDS IN A CONDUIT RUN. 33. THE DRAWINGS INDICATE ONE ROUTING METHOD FOR THE CONDUITS. MINOR CHANGES MAY BE MADE TO CONDUIT SYSTEM TO ACCOMMODATE SITE CONDITIONS OR SIMPLIFY INSTALLATION AS LONG AS ADEQUATE SIZING IS MAINTAINED AND THE SYSTEM INSTALLER AND ARCHITECT APPROVE THE COORDINATION DRAWINGS SUBMITTED FOR REVIEW. 34. E.C. TO PROVIDE CABLE PROTECTION BUSHINGS ON ALL BOXES AND CONDUIT STUB-OUTS. 35. POWER JUNCTION BOX SURFACE MOUNT AT 96" A.F. PROVIDE 20A CIRCUITS WITH DEDICATED NEUTRALS AND OVERSIZED GROUND BACK TO PANEL "A". LEAVE CIRCUIT TAIL AT 20' LENGTH FOR TERMINATION TO "A", "TV", "ER" TYPE RACKS. 36. MOUNT DISPLAYS AT 53" O.C. A.F. UNLESS OTHERWISE NOTED. COORDINATE EXACT LOCATIONS AND MOUNTING WITH ARCHITECT. 37. PROJECTION SCREEN BACKBOX PROVIDED BY A/V AND INSTALLED BY DIVISION 16. PROVIDE GANG BOX CONNECTIONS FOR LOW-VOLTAGE CONTROL AND MOTOR POWER FROM NEAREST POWER PANEL. SCREENS TO BE CONTROLLED BY A/V. 38. ALL BACK-BOXES SHALL BE FIRE RESISTIVE WHERE THEY ARE INSTALLED IN CONCEALED SPACES SUCH AS ATTIC SPACES WHICH REQUIRE ALL ITEMS TO MEET THE FLAME SPREAD REQUIREMENTS (25) AND SMOKE DEVELOPMENT REQUIREMENTS (50) OF NFPA 90A 4.3.10.2.4.2. 39. ELECTRICAL BOXES, BACK-BOXES, ETC THAT ARE MOUNTED WITHIN FIRE RATED ASSEMBLIES, SHALL BE PROTECTED WITH APPROVED "PUTTY PADS" OR CONTINUE THE FIRE RATED ASSEMBLY BEHIND LARGE BACK-BOXES. 40. CABLING NOT INCASED IN AN APPROVED RACEWAY SHALL COMPLY WITH NFPA 90A 4.3.10.2.6.1 AND NFPA 260 REQUIREMENTS. 41. MINIMUM OF 8' CABLE WHIP AT ALL JUNCTION BOXES, BEGINNING / END OF CABLE TRAVEL.</p>	

SHEET	TITLE	ORIG. ISSUE	REV #	REV DATE
AV000.01	SHEET INDEX, GENERAL NOTES	-	-	-
AV000.02	ABBREVIATIONS AND SYMBOLS	-	-	-
AV000.03	EC/AV SCOPE AND LOW VOLTAGE RESPONSIBILITY MATRIX	-	-	-
AV601.01	AUDIO SINGLE LINES - TR34	-	-	-
AV601.02	AUDIO SINGLE LINES - TR34	-	-	-
AV601.03	AUDIO SINGLE LINES - TR34	-	-	-
AV601.04	AUDIO SINGLE LINES - TR35	-	-	-
AV601.05	AUDIO SINGLE LINES - TR35	-	-	-
AV601.06	AUDIO SINGLE LINES - TR35	-	-	-
AV601.07	AUDIO SINGLE LINES - TR35	-	-	-
AV602.01	VIDEO SINGLE LINES	-	-	-
AV603.01	CONTROL SINGLE LINES - TR34	-	-	-
AV604.01	NETWORK SINGLE LINES - TR34	-	-	-
AV604.02	NETWORK SINGLE LINES - TR35	-	-	-
AV701.01	RACK ELEVATIONS - TR34, TR35	-	-	-
AV702.01	PLATES & PANEL DETAILS - TR34	-	-	-
AV702.02	PLATES & PANEL DETAILS - TR35	-	-	-

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REVISIONS : **AV000.01_Cover Sheets**

DRAWING TITLE : **SHEET INDEX & GENERAL NOTES**

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A.F. E.A. E.A.

File Name: AV000-01_Cover Sheets

25 JUN 2018 - SHOP DRAWINGS

AV000.01

SHOP DRAWINGS

ABBREVIATIONS				
3DC	3D CONTROLLER	KPD	KEYPAD	VIDEO MOUSE
A/C	AIR CONDITIONING	KVM	KEYBOARD VIDEO MOUSE	
ABV	ABOVE	L	LENGTH, LONG	
AC	ALTERNATING CURRENT	LAN	LOCAL AREA NETWORK	
ACN	AUDIO CONVERTER	LB	POUNDS	
ACR	AUDIO CASSETTE RECORDER	LF	LINEAR FEET	
ADA	AUDIO DISTRIBUTION AMPLIFIER	LIM	LIMITER	
ASR	AUDIO SERVER	LL	LINE LEVEL	
ADJ	ADJUSTABLE	LPO	LIGHTING POWER OUTLET	
ADR	AUDIO DISC RECORDER	LRA	LOCKED ROTOR AMPS	
AFC	ABOVE FINISHED CEILING	LTG	LIGHTING	
AFG	ABOVE FINISHED FLOOR			
ALS	ASSISTED LISTENING SYSTEM	MATV	MASTER ANTENNA TELEVISION	
AMP	AMPLIFIER, AMPERES	MAIN	MAINTAINED	
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE	MAX	MAXIMUM	
ANT	ANTENNAE	MCC	MOTOR CONTROL CENTER	
APP	AUDIO PATCH BAY	MDF	MAIN DISTRIBUTION FRAME	
APU	AUDIO PROCESSING UNIT	MECH	MECHANICAL	
ARCH	ARCHITECT, ARCHITECTURAL	MIC	MICROPHONE	
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS	MIN	MINIMUM	
ASW	AUDIO SWITCHER	MIX	MIXER	
ATR	AUDIO TAPE RECORDER	ML	MICROPHONE LEVEL	
AUX	AUXILIARY	MOD	MODULATOR	
AVR	AUDIO VIDEO RECEIVER	MON	MONITOR/DISPLAY	
AVS	AUDIO VIDEO SWITCHER	MPU	MICROPHONE PREAMP/PROCESSOR	
AWG	AMERICAN WIRE GAUGE	MTD	MOUNDED	
BDP	BLU-RAY DISC PLAYER	MTR	MULTITRACK PLAYER/RECORDER	
BDR	BLU-RAY DISC RECORDER	NA	NOT APPLICABLE	
BETA	BETACAM SPECIAL PERFORMANCE	NC	NORMALLY CLOSED	
BFF	BELLOW FINISHED FLOOR, BEST FRIEND FOREVER	NEC	NATIONAL ELECTRICAL CODE	
BFC	BELLOW FINISHED CEILING	NEMA	NATIONAL ELECTRICAL	
BGM	BACKGROUND MUSIC PLAYER	MANUFACTURER'S ASSOCIATION		
BIB	BREAK-IN-BOX	NET	NETWORK SWITCH	
BKR	BREAKER	NIC	NOT IN CONTRACT	
BLDG	BUILDING	NO	NORMALLY OPEN	
BLU	BLU-LINK	NPB	NETWORK PATCHBAY	
BOB	BREAK-OUT-BOX	NTS	NOT TO SCALE	
BOD	BOTTOM OF DUCT			
BOP	BOTTOM OF PIPE	OC	ON CENTER	
BOS	BOTTOM OF STRUCTURE	OD	OUTSIDE DIAMETER	
C	CONDUIT	OFE	OWNER FURNISHED EQUIPMENT	
CATV	CABLE TELEVISION	OP	OPERATIONS PANEL	
CAM	CAMERA	PA	PUBLIC ADDRESS	
CBL	CABLE BOX	PC	PERSONAL COMPUTER	
CBM	CABLE MODEM	PDS	PREMISE DISTRIBUTION SYSTEM	
CCTV	CLOSED CIRCUIT TELEVISION	PDU	POWER DISTRIBUTION UNIT	
CCU	CAMERA CONTROL UNIT	PGM	PROGRAM	
CDP	COMPACT DISC PLAYER	PH	PHASE	
CGN	CHARACTER GENERATOR	PNL	PANEL	
CKT	CIRCUIT	PRJ	VIDEO PROJECTOR	
CL	CENTER LINE	PRX	PROXIMITY SENSOR	
CLG	CLIPPING	PS	POWER SUPPLY	
CMP	COMPRESSOR	PSF	POUNDS PER SQUARE FOOT	
CMR	CENTRAL MACHINE ROOM	PSI	POUNDS PER SQUARE INCH	
CMU	CONCRETE MASONRY UNIT	PSP	POWERED SPEAKER	
CNP	COORDINATE PRIMARY	PSU	POWER SUPPLY UNIT	
CNS	COORDINATE SECONDARY	PTZ	PAN/TILT/ZOOM	
COL	COLUMN	PVC	POLYVINYL CHLORIDE	
COM	INTERCOM MATRIX	PXM	PICTURE MONITOR	
CPU	COMPUTER	QTY	QUANTITY	
CPST	COMPOSITE	RCP	REFLECTED CEILING PLAN	
CONV	CONVERTER	RE	REFERENCE, REFER	
CTL	CONTROL PROCESSOR	REINF	REINFORCING	
D	DEPTH, DEEP	REQ	REQUIRED	
DA	DISTRIBUTION AMPLIFIER	REV	REVISION, REVISE	
DAP	DIGITAL AUDIO PROCESSOR	RFD	RF DISTRIBUTION	
DAR	DIGITAL AUDIO RECORDER	RM	ROOM	
DB	DIMMER BANK	RPM	REVOLUTIONS PER MINUTE	
DC	DIRECT CURRENT			
DCA	DIGITALLY CONTROLLED ATTENUATOR	S	SURFACE	
DDL	DIGITAL DELAY	S-VHS	SUPER VHS	
DEG	DEGREES	SAT	SATELLITE RECEIVER	
DH	DIGITAL HYBRID	SATV	SATELLITE TELEVISION	
DIA	DIAMETER	SF	SQUARE FEET	
DIM	DIMENSION	SHT	SHEET	
DM	DIMMING SYSTEM MANUFACTURER	SIM	SIMILAR	
DISC	DISCONNECT	SL	SPEAKER LEVEL	
DMP	DIGITAL MEDIA PLAYER	SPEC	SPECIFICATION	
DMR	DIGITAL MEDIA RECORDER	SPK	SPEAKER	
DMX	DIGITAL LIGHTING CONTROL UNIT	TBD	TO BE DETERMINED	
DN	DOWN	SPK	SPK	
DPDT	DOUBLE-POLE, DOUBLE-THROW	SQ	SQUARE	
DPST	DOUBLE-POLE, SINGLE-THROW	STD	STANDARD	
DS	DATA SWITCH	SURF	SURFACE	
DSP	DIGITAL SIGNAL PROCESSOR	SUSP	SUSPEND	
DVE	DIGITAL VIDEO EFFECTS	SVR	COMPUTER SERVER	
DVD	DIGITAL VERSATILE DISC PLAYER	TBD	TO BE DETERMINED	
DVP	DIGITAL VIDEO PLAYER	_TBL	TURNTABLE	
DVR	DIGITAL VIDEO RECORDER	THRU	THROUGH	
DWG	DRAWINGS	TPL	TOUCHPANEL	
E	EACH	Typ	TYPICAL	
EL	ELEVATION	TV	TELEVISION	
ELEC	ELECTRICAL			
ENCL	ENCLOSURE	UL	UNDERWRITERS LABORATORIES, INC.	
EQ	EQUALIZER	UON	UNLESS OTHERWISE NOTED	
EQUIP	EQUIPMENT	UPS	UNINTERRUPTIBLE POWER SUPPLY	
ESS	ELECTRONIC STILL STORE	UTP	UNSHIELDED TWISTED PAIR	
EXIST	EXISTING	V	VOLT	
F	FLUSH	VA	VOLT-AMPRE	
FDT	FIBER OPTIC DRESS TRAY	VBS	VIDEO BURST SYNC	
FLEX	FLEXIBLE	VCA	VOLTAGE CONTROLLED AMPLIFIER	
FRB	FIBER OPTIC PATCHBAY	VCN	VIDEO CONVERTER	
FPF	FEET PER MINUTE	VCP	VIDEO CASSETTE PLAYER	
FTX	FIBER OPTIC TRANSMITTER	VCR	VIDEO CASSETTE RECORDER	
FRX	FIBER OPTIC RECEIVER	VDA	VIDEO DISTRIBUTION AMPLIFIER	
FT	FOOT, FEET	VERT	VERTICAL	
G, GND	GROUND	VHS	VIDEO HOME SYSTEM	
GA	GAUGE	VOL	VOLUME CONTROL	
H	HEIGHT	VPB	VIDEO PATCH BAY	
HOR	HORIZONTAL	VPU	VIDEO PROCESSOR	
HI-8	HIGH BAND 8MM	VSR	VIDEO SERVER	
HP	HORSEPOWER	VSW	VIDEO SWITCH	
HZ	HERTZ	VSG	VIDEO SYNC GENERATOR	
ICOM	INTERCOM	VWP	VIDEO WALL PROCESSOR	
ID	INSIDE DIAMETER	W	WATT, WIDTH, WIDE	
IDF	INTERMEDIATE DISTRIBUTION FRAME	WAP	WIRELESS ACCESS POINT	
IDTV	IMPROVED DEFINITION TELEVISION	WDS	WIRELESS DOCKING STATION	
IFB	INTERRUPTED FOLDBACK	WFM	WAVEFORM MONITOR	
IG	ISOLATED GROUND	WRX	WIRELESS RECEIVER	
IPD	IPOD DOCK	WTP	WIRELESS TOUCHPANEL	
IPRT	INTERNET PROTOCOL TELEVISION	WTX	WIRELESS TRANSMITTER	
J-BOX	JUNCTION BOX	W/	WITH	
JD	DIMMING SYSTEM JUNCTION BOX	W/O	WITHOUT	
JL	LINE LEVEL JUNCTION BOX	WT	WATERTIGHT, WEIGHT	
JM	MICROPHONE LEVEL AUDIO JUNCTION BOX	XFR	TRANSFORMER	
JR	RIGGING SYSTEM CONTROL JUNCTION BOX	XOV	CROSSOVER	
JS	SPEAKER LEVEL AUDIO JUNCTION BOX			
JP	SYSTEM POWER JUNCTION BOX			
JM	TRANSMISSION (RF DISTRIBUTION)			

SINGLE LINE DIAGRAM SYMBOLS		
DESCRIPTION MFR MODEL ID#	DEVICE	DESCRIPTION MANUFACTURER MODEL # IDENTIFICATION #
DESCRIPTION MFR MODEL ID#	WALL PLATE	DESCRIPTION MANUFACTURER MODEL # IDENTIFICATION #
~	DEVICE BREAK	CONTINUATION OF DEVICES
WW	ON PAGE IDENTIFIER	SIGNAL CONTINUED ON SAME PAGE
OFF PAGE FROM	OFF PAGE TO	SIGNAL CONTINUED TO DIFFERENT PAGE
LABEL	DATA ARROW	USED FOR DISTINGUISHING SIGNAL TYPES
IN/OUT CARDS		DENOTES INPUT/OUTPUT CARDS
POINT1	POINT2	PATCH POINT
POINT1	POINT2	FULL NORMALED PATCH POINT
POINT1	POINT2	HALF NORMALED PATCH POINT
POINT1		NON NORMALED PATCH POINT
POINT1		INPUT PATCH POINT
POINT2		OUTPUT PATCH POINT
WIRE NUMBER LOCATION	WIRE	CONNECTOR TYPE, SOURCE, DESTINATION
MALE CONNECT	MALE CONNECT	MALE CONNECTOR, CONNECTOR
ADAPTER		SIGNAL TYPE ADAPTER (DVI TO HDMI)
WIRELESS DEVICE		WIRELESS ANTENNAE OR DEVICE
MICROPHONE		MICROPHONE
SATELLITE		SATELLITE DISH
70V SPEAKER CHAIN		CHAIN OF 2 OR MORE 70V CEILING SPEAKERS
SPEAKER		CEILING SPEAKER
POTENTIAMETER		POTENTIAMETER
REVISION DELTA		TRACKS REVISION NUMBERS (DELTA)
SINGLE LINE CONNECTOR ABBREVIATIONS		
3.5M	3.5 MILLIMETER CONNECTOR, STEREO OR MONO	
SWBP	5 WAY BINDING POST	
BNC	BAYONET NEILL-CONVELMAN, APPEND WITH # OF CONNECTORS	
CMPT	COMPONENT	
DB9	D-SUB 9 PIN	
DSPT	DISPLAY PORT	
DVI	DIGITAL VIDEO INTERFACE	
E3M	BITTRE (ELCO)	
EDAC	MULTIPIN CONNECTOR, APPEND WITH (#) OF PINS	
EP#	SPEAKER LEVEL CONNECTOR, APPEND WITH (#) OF PINS	
F	F-TYPE CONNECTOR	
FCF	FERRULE FIBER CONNECTOR	
FWR	FIREWIRE DATA, APPEND WITH (4) 400 OR (8) 800	
DH15	HIGH DENSITY 15 PIN, VGA	
HDMI	HIGH DEFINITION MEDIA INTERFACE	
IDP	TELECOM PUNCH DOWN	
LCF	LUCENT FIBER CONNECTOR	
MIDI	MUSIC INSTRUMENT DIGITAL INTERFACE	
MTF	MECHANICAL TRANSFER FIBER CONNECTOR	
NL#	NEUTRIK SPEAKON CONNECTOR, APPEND WITH (#) OF PINS	
PCN	POWER CONNECTOR	
PHX	PHOENIX STYLE CONNECTOR	
PS/2	KEYBOARD MOUSE CONNECTOR	
RCA	PHONE, FOR AUDIO AND VIDEO	
RJ11	6 PIN TELEPHONE CONNECTOR	
RJ45	8 PIN ETHERNET CONNECTOR	
SCR	SUBSCRIBER FIBER CONNECTOR	
SVID	S-VIDEO	
TOSF	TOSLINK FIBER CONNECTOR	
TRM	SCREW DOWN TERMINAL BLOCK	
TRS	TIP, RING, SLEEVE, 1/4" CONNECTOR	
USB	UNIVERSAL SERIAL BUS, APPEND WITH (A) OR (B)	
W#	WHIRLWIND MASS CONNECTOR, APPEND WITH (#) PART	
XLR	3 PIN AUDIO CONNECTOR, APPEND WITH (M) OR (F) OR (3) OF PINS	
SYMBOL CALLOUTS		
TYPE	TYPE	TYPE
SPK-XX	NUMBER/ZONE	DEVICE NUMBER
XXX-XX		
(XX)		TO AVR-XXX
		DESTINATION

SYSTEM ELECTRICAL SYMBOLS		
YY ZZ	DATA OUTLET - TYPICAL IN-WALL MOUNTING	
YY ZZ	DATA OUTLET - IN-FLOOR MOUNTING	
YY ZZ	DATA OUTLET - CEILING MOUNTING	
YY ZZ</td		

ELECTRICAL CONTRACTOR AND AV SCOPE

LOW VOLTAGE RESPONSIBILITY MATRIX

CONSTRUCTION SCOPE CLARIFICATIONS:

THIS DOCUMENT HAS BEEN CREATED TO CLEARLY IDENTIFY THE SCOPE OF WORK BETWEEN THE GENERAL (INTEGRATOR) / ELECTRICAL CONTRACTOR, AUDIOVISUAL CONTRACTOR AND MGM RESORTS. PLEASE SEE THE PROVIDED RESPONSIBILITY MATRIX FOR REFERENCE.

TERMS:

- OFE: OWNER FURNISHED EQUIPMENT
- OFO: OWNER FURNISHED OWNER INSTALLED
- OFCI: OWNER FURNISHED CONTRACTOR INSTALLED
- OIFI: OWNER FURNISHED INTEGRATOR INSTALLED
- CFCI: CONTRACTOR FURNISHED CONTRACTOR INSTALLED
- IFII: AV INTEGRATOR FURNISHED AV INTEGRATOR INSTALLED
- IFCI: AV INTEGRATOR FURNISHED CONTRACTOR INSTALLED

GENERAL OR ELECTRICAL CONTRACTOR RESPONSIBILITIES:

A. CONTRACTOR TO PROVIDE AND INSTALL THE FOLLOWING:

1. ALL CONDUIT PATHWAY: TRAY, J-BOXES, HOFFMAN TYPE BOXES AS STATED ON THE LOW VOLTAGE AND AUDIOVISUAL DRAWINGS.
2. RECORD OR AS-BUILT DRAWINGS OF THE FINISHED PROJECT ARE TO BE PROVIDED TO THE OWNER AND GUEST TECHNOLOGIES 3 WEEKS AFTER FINAL COMMISSIONING.
3. ALL AUDIOVISUAL CABLE FROM THE EQUIPMENT RACKS OR HOFFMAN STYLE TERMINATION BOXES TO THE FIELD DEVICE.
 - a. ALL CABLE TYPES' MANUFACTURER AND SPECIFICATIONS MUST MATCH THE AV INTEGRATOR DRAWINGS AND SPECIFICATION DOCUMENT.
 - b. CONDUIT, MC, OR ARMORED CABLE MAY BE INSTALLED WHEN APPLICABLE TO THE INSTALLATION.
 - c. PLENUM CABLE IS NOT ACCEPTABLE IN EXPOSED RETURN AIR PLENUM. REFER TO LOCAL, COUNTY AND STATE CODES AND REGULATIONS.
4. ALL STRUCTURAL BACKING MATERIALS, SUPPORTS OR DEVICES REQUIRED FOR SAFE INSTALLATION OF EACH DEVICE PER THE AUDIOVISUAL SPECIFICATIONS DOCUMENT.
 - a. SPECIALTY HARDWARE TO SAFELY INSTALL SPEAKER BACK CANS. I.E. UNI-STRUT, ALL-THREAD, AIRCRAFT CABLE.
5. CLEAN POWER FOR EQUIPMENT RACKS AND FIELD DEVICES:
 - a. TV DISPLAYS, POWERED SPEAKERS, TOUCH PANELS.
6. FIBER TERMINATION TO CORNING PATCH BAYS LOCATED IN THE EQUIPMENT RACKS AND THE FIELD PER THE AV DRAWINGS.
 - a. ALL FIBER TERMINATIONS ARE TO BE TESTED WITH DOCUMENTED RESULTS AND PROVIDED TO THE AV CONTRACTOR AND THE OWNER.
7. FIELD TERMINATIONS RELATED TO CEILING, WALL, AND FLOOR LOCATED DEVICES. THESE ITEMS MUST BE TERMINATED AND LABELED PER THE APPROVED AV SHOP DRAWINGS.

B. ELECTRICAL CONTRACTOR TO INSTALL THE FOLLOWING ITEMS PROVIDED BY THE AUDIOVISUAL INTEGRATOR AND/OR OWNER. REFER TO THE RESPONSIBILITY MATRIX FOR FURTHER DETAILS AND RESPONSIBILITIES.

1. VIDEO DISPLAY MOUNTING HARDWARE AND KITS.
2. INSTALL TOUCH PANELS, BUTTON PADS AND ALL OTHER AUDIOVISUAL AND CONTROL RELATED DEVICES.
3. PROJECTION SCREEN BACK BOXES / HOUSINGS.
4. PROJECTOR MOUNTS AND LIFTS.
5. SHADE MOTOR SYSTEMS AND LOW VOLTAGE CONTROLLERS
6. SPEAKERS, SPEAKER GRILLS, SPEAKER MOUNTING BRACKETS AND BACK BOXES.
7. SPEAKERS AND/OR GRILLS ARE TO BE PAINTED TO MATCH THE CEILING / LOCATIONS PER THE ID SPECIFICATIONS UNLESS OTHERWISE NOTED.
 - a. ALL SPEAKER MANUFACTURER LOGO OR EMBLEMS ARE TO BE REMOVED BEFORE PAINTING AND/OR INSTALLATION.
8. VERIFY ALL BACK BOXES ARE CORRECT AND LOCATED IN THE FIELD PER THE ID AND AV DRAWINGS. THIS MUST BE COMPLETED DURING THE DEVICE ROUGH IN PERIOD.

AUDIOVISUAL INTEGRATOR RESPONSIBILITIES:

C. AUDIOVISUAL INTEGRATOR TO PROVIDE THE FOLLOWING ITEMS FOR THE ELECTRICAL CONTRACTOR TO INSTALL:

(SEE THE AUDIOVISUAL BID SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.)

1. SPEAKERS AND SPEAKER BACK CANS AND/OR PRE-CONSTRUCTION RINGS
2. DISPLAYS AND/OR PROJECTORS, MOUNTS, KITS AND LIFTS.
3. IN-WALL BACK BOXES FOR TOUCH PANELS, I-POD DOCKS, ETC.
4. PROJECTION SCREEN BACK BOXES AND MOTORS
5. WAGO BLOCK ON A PLYWOOD OR ALUMINUM BACKER BOARD TO BE INSTALLED IN ALL AV RELATED HOFFMAN BOXES. THIS IS TO BE COORDINATED WITH THE EC AND TO BE ON SITE WHEN THE EC IS READY TO TERMINATE THE FIELD WIRE.
 - a. LAMINATED IDENTIFICATION ADHERED TO THE BACKER BOARD IS REQUIRED FOR ALL WAGO TERMINATIONS. ALL LABELS ARE TO CORRESPOND TO THE APPROVED SHOP DRAWINGS.

AUDIO VISUAL INTEGRATOR TO PROVIDE IN WRITING ANY COMMENTS OR CONCERN OF THE ORIGINAL DESIGN TO MGM MEDIA TECHNOLOGY OR CONSULTANT. INTEGRATOR RESPONSIBLE FOR ALL SHOP AND FABRICATION DRAWINGS. INTEGRATOR RESPONSIBLE FOR FIELD DEVICE LOCATION COORDINATION THROUGHOUT LIFE CYCLE OF PROJECT.

(SEE THE AUDIOVISUAL BID SPECIFICATIONS FOR FURTHER DETAILS AND REQUIREMENTS.)

D. RECORD OR AS-BUILTS DRAWINGS OF THE FINISHED PROJECT ARE TO BE PROVIDED TO MGM MULTIMEDIA TECHNOLOGY BY INTEGRATOR WITHIN 3 WEEKS AFTER FINAL COMMISSIONING BY THE INTEGRATOR.

1. AUDIO, VIDEO, CONTROL EQUIPMENT AND RACKS AS DETAILED IN THE AV DRAWINGS AND STATED IN THE AUDIOVISUAL SPECIFICATION DOCUMENTS. UNLESS OTHERWISE STATED AS OFCI.

2. EQUIPMENT RACKS ARE TO BE POPULATED AND TESTED PRIOR TO ARRIVING TO THE SITE WHEN APPLICABLE.

3. PROVIDE ALL COPPER AND FIBER OPTIC PATCH CABLES BETWEEN PATCH BAYS AND EQUIPMENT.

4. INSTALL ALL OFCI EQUIPMENT OFF SITE IN THE EQUIPMENT RACKS OR AFTER TCO INCLUDING BUT NOT LIMITED TO:

- a. NETWORK SWITCHES (RELATED TO THE AUDIOVISUAL SYSTEM)
- b. SET-TOP BOXES
- c. SOFTWARE
- d. COMPUTERS

5. ALL COBRA-NET, BLU-LINK AND DANTE AUDIO INFORMATION IS TO BE DOCUMENTED AND PROVIDED TO THE OWNER MEDIA TECHNOLOGIES.

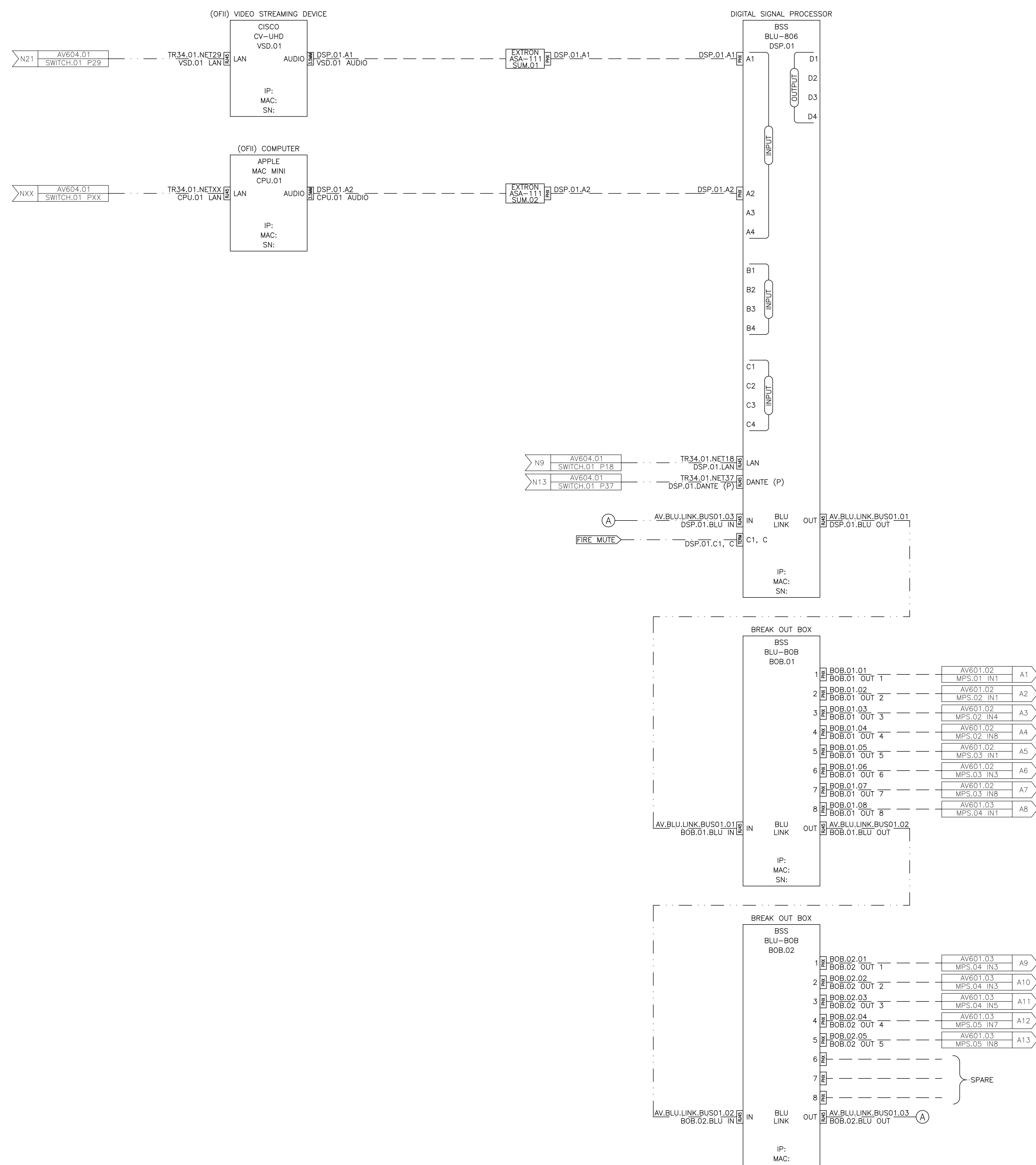
6. AUDIOVISUAL INTEGRATOR WILL COORDINATE WITH CRESTON CSP TO ASSIST IN THE IMPLEMENTATION OF OFII CRESTON AND BSS AUDIO CODE:

- a. NETWORK SWITCHES (RELATED TO THE AUDIOVISUAL SYSTEM)
- b. SET-TOP BOXES
- c. SOFTWARE
- d. COMPUTERS

7. PROVIDE DOCUMENTATION OF EQUIPMENT SERIAL NUMBERS, AND MAC ADDRESSES. THESE DETAILS MUST BE PROVIDED TO MGM RESORTS MEDIA TECHNOLOGIES NO LATER THAN 7 BUSINESS DAYS PRIOR TO INSTALLATION.

Item No.	MGR Guest Technology	Electrical Off Contractor	Audio Video Integrator	Owner Project Publishing Agent	Trade Contractor	Architectural Consultant		
GENERAL ITEMS								
G1 PATCH PAINT AND DRYWALL REPAIR								
G2					P/I			
G3 PAINTING, THEMING AND TOUCHUP PAINT					P/I			
G4 CLEAN POWER FOR EQUIPMENT RACKS AND FIELD DEVICE LOCATIONS	P/I					D		
G5 GENERAL AV TOOLS - CRIMPERS, PUNCHDOWN, UNICAM FIBER TOOLS	P/I							
G6 SPECIALTY AV TOOLS - 8G CRESTRON CRIMPER OR CRESTRON FIBER TERMINATION KIT	P/I							
G7 SPECIALTY AV TOOLS - 8G CRESTRON CRIMPER OR CRESTRON FIBER TERMINATION KIT REQUIRED FOR OFF SITE FABRICATION		P/I						
G8 PROPER VENTILATION AND COOLING FOR RACK EQUIPMENT LOCATIONS				P/I	D			
G9 SOUND SYSTEM MUTE RELAY FROM LIFE SAFETY SYSTEM	I			P/I	D			
AUDIOVISUAL PATHWAY REQUIREMENTS								
A1 CABLE PATHWAYS	P/I				D			
A2 CABLE TRAY	P/I				D			
A3 J HOOKS	P/I				D			
A4 CONDUIT (INTRA-BUILDING AND OSP)	P/I				D			
A5 FLOOR TRUNK LOOR BOXES / OPERATION BOXES	P/I				D			
A6 J-BOXES	P/I				D			
A7 PULL BOXES	P/I				D			
A8 PULL STRING	P/I				D			
A9 INNER DUCT - RIGID	P/I				D			
A10 AUDIOVISUAL SYSTEM					D			
A11 DESIGN					D			
A12 SHOP DRAWINGS		P			D			
A13 AS-BUILTS (RESPECTIVE TO SCOPE)	P	P			D			
A14 SPEAKER BACK CANS	I	P			D			
A15 SPEAKERS	I	P			D			
A16 LCD/SMART SCREENS	I	P			D			
A17 LCD/SMART MOUNTS	I	P			D			
A18 BACKING STRUCTURAL SUPPORT / HARDWARE (ANCHORS, BOLTS, NUTS, C.)	F/I				X	D		
A19 SPECIALTY BACK OR ROUGH IN BOXES	I	P			D			
A20 PROJECTORS	I	P			D			
A21 PROJECTION SCREENS	I	P			D			
A22 CAMERAS	I	P			D			
A23 AV PANELS	I	P			D			
A24 SPECIALTY AV CONNECTORS	I	P			D			
A25 AV FIELD CABLING	P/I				D			
A26 AV FIELD CABLING (TEST, LABEL)	P/I				D			
A27 AV FIELD CABLING (TERM, TEST, LAND)	P/I				D			
A28 AV EQUIP RACK CABLING FROM THE RACKS TO WAGO	P/I				D			
A29 RACK TO RACK INTERCONNECTS	I				D			
A30 GENERAL CONNECTORS	I	P			D			
A31 EQUIPMENT POWER SERVICES RACKS, DISPLAYS, SPEAKERS)	P/I				D			
A32 EQUIPMENT CABINETS	I	P/F			D			
A33 MOUNTING RACING OF CABINETS AND C.	I	P/F			D			
A34 DSP (DIGITAL SOUND PROCESSORS)	P/I				D			
A35 AUTOMATION CONTROL PROCESSOR	P/I				D			
A36 TOUCH PANELS	I	P			D			
A37 SWITCHER/ROUTERS	P	I			D			
A38 NETWORK SWITCH	P	I			D			
A39 AMPLIFIERS	P/I				D			
A40 WAGO BLOCKS, DIN RAIL, LABELED BACKER BOARDS	I	P			D			
A41 PATCH BAYS		P/I			D			
A42 PATCH CORDS - RACK AND FIELD SIDE AUDIOVIDEO, FIBER, NETWORK)		P/I			D			
A43 SPEAKER CABLES TERMINATED TO WAGO AT RACK	P/I				D			
A44 FIELD FIBER OPTIC CABLES TERMINATED AT RACK	P/I				D			
A45 FOH UEST FACING EQUIPMENT, DJ OR BAND EQUIPMENT AFTER TCO		P/I			D			
A46 CRESTON PROGRAMMING	P	I			D			
A47 CRESTON PROGRAM TESTING AND DOCUMENTING		P/I			D			
A48 AUDIO DSP PROGRAMMING	P	I			D			
A49 AUDIO DSP PROGRAMMING AND DOCUMENTING		P/I			D			
A50 SYSTEM COMMISSIONING AND TRAINING		P/I			D			
A51 IPV CONFIGURATION	P	I			D			
A52 RICOH TECHNOLOGY NETWORK SWITCH CONFIGURATION	P	I			D			
LIGHTING REQUIREMENTS								
L1 LIGHTING; CONSULTANT SPECIFIED LIGHTING ELECTRICAL ENGINEER SPECIFIED	P/I				D			
L2 LIGHTING	P/I				D			
L3 INTERIOR DESIGN SPECIFIED LIGHTING	I		P		D			
L4 LSI BUSWAY	P/I				D			
L5 KNURBED FOR LSU WIRING	P/I				D			
L6 LIGHTS/NETS		P/I			D			
L7 DIMMING SYSTEM	P/I				D			
L8 MEETING/ROOM CONTROL STATIONS	I	P			D			
L9 DIMMING SYSTEM PROCESSORS	P/I				D			
L10 DIMMING SYSTEM NETWORK SWITCH	P	I			D			
L11 DIMMING SYSTEM PROGRAMMING	P/I				D			
TELECOMMUNICATIONS REQUIREMENTS								
T1 COMMUNICATION CONDUIT		P/I			D			
T2 COMMUNICATION CABLE TRAY		P/I			D			
T3 COMMUNICATION HORIZONTAL AND BACKONE CABLE	P/I				D			
T4 FACEPLATES	P/I				D			
T5 RACKS/ABENTS	P/I				D			
T6 GROUNDING	P/I				D			
T7 LADDER RACK	P/I				D			
T8 PLYWOOD BACKBOARDS	P/I				D			
T9 PHONES/COMPUTERS/OS			P/I		D			
T10 WIRELESS ACCESS POINTS	P	I			D			
T11 CATEGORY CABLE TERMINATIONS, TESTING	P/I	</td						

TR34



SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION

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DRAWING TITLE :
AUDIO
SINGLE LINES
TR-34

REVISIONS :
No. Date Issue

PROJECT :
RESORT HOTEL & CASINO LAS VEGAS, NEVADA
ARIA - CATCH BUILD-OUT

OWNER :
MGM RESORTS INTERNATIONAL
4882 Frank Sinatra Dr., Las Vegas, NV 89158
702.692.2000 Phone 702.692.2098 Fax

CONSULTANT :
TECHNOLOGY WEST GROUP
6555 S. Valley View Blvd Suite #224
Las Vegas, NV 89118
702.891.9880 P
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www.techwg.com

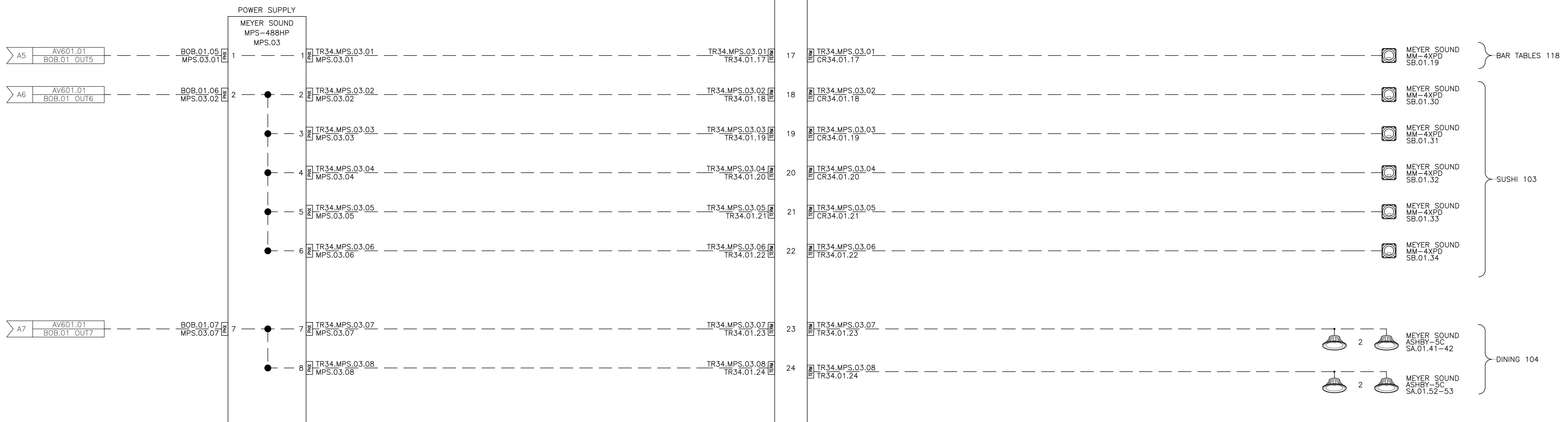
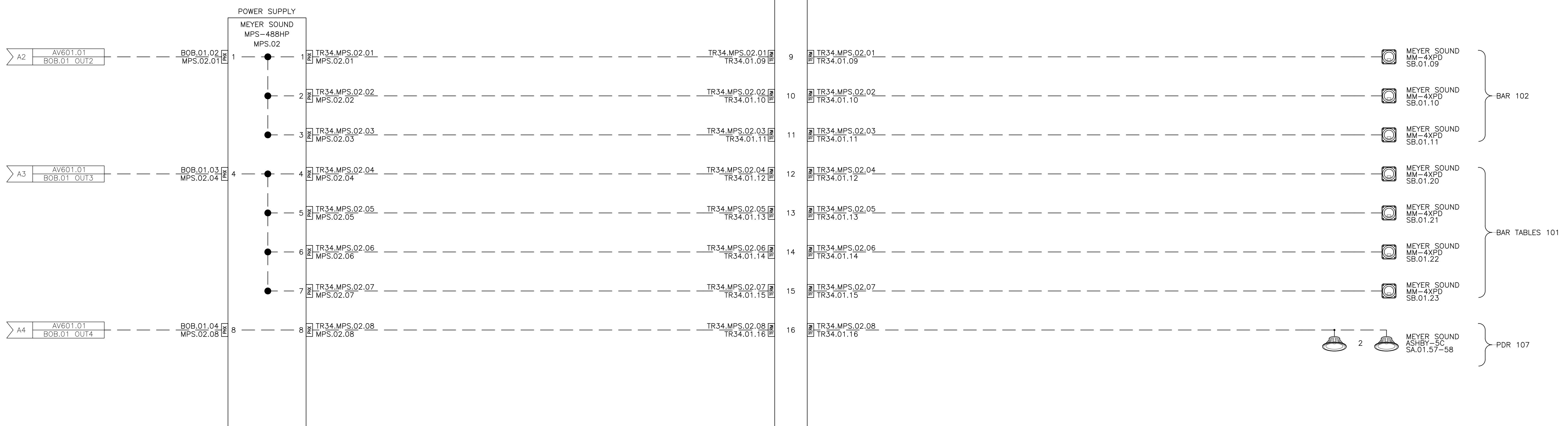
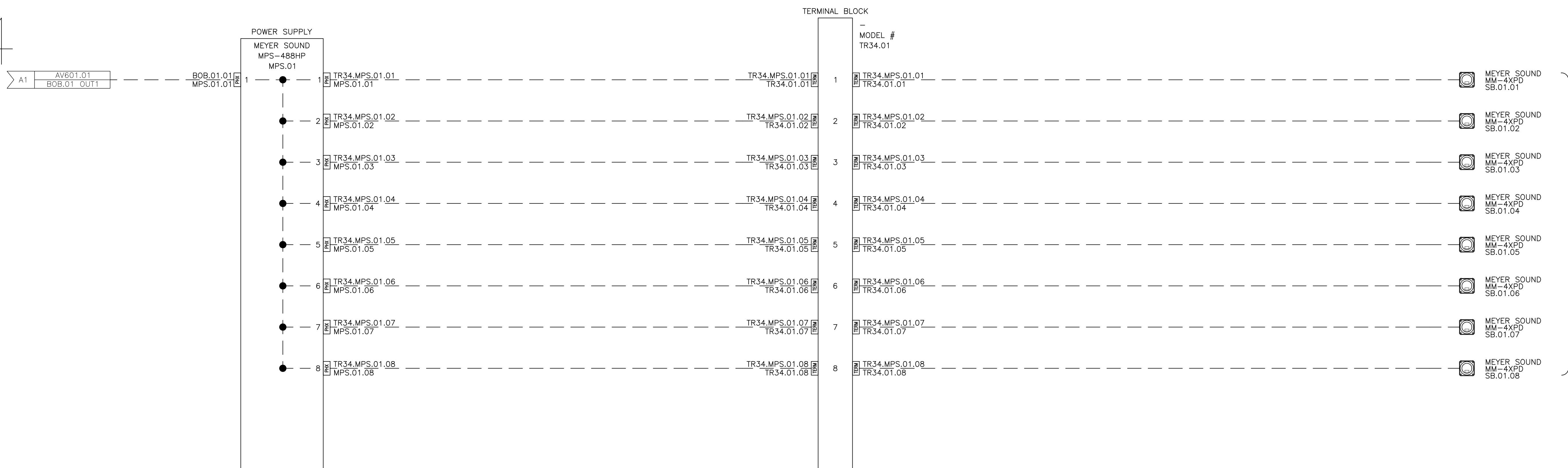
ARCHITECT :
[REDACTED]

MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By E.A. Checked By Approved By E.A.
File Name: AV601.01_Audio Single Lines

AV601.01

SHOP DRAWINGS

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<p>All dimensions, levels, layouts and field conditions shall be verified at the site by the contractor before proceeding with the work.</p>		
MRID Project No. XXXX		
Consultant Project No. BS-18-038		
Date: 6/29/2018		
Drawn By A.F.	Checked By E.A.	Approved By E.A.
File Name: AV601-01_Audio Single Lines		
<p style="font-size: 2em; font-weight: bold;">AV601.02</p>		
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DRAWING TITLE :

AUDIO

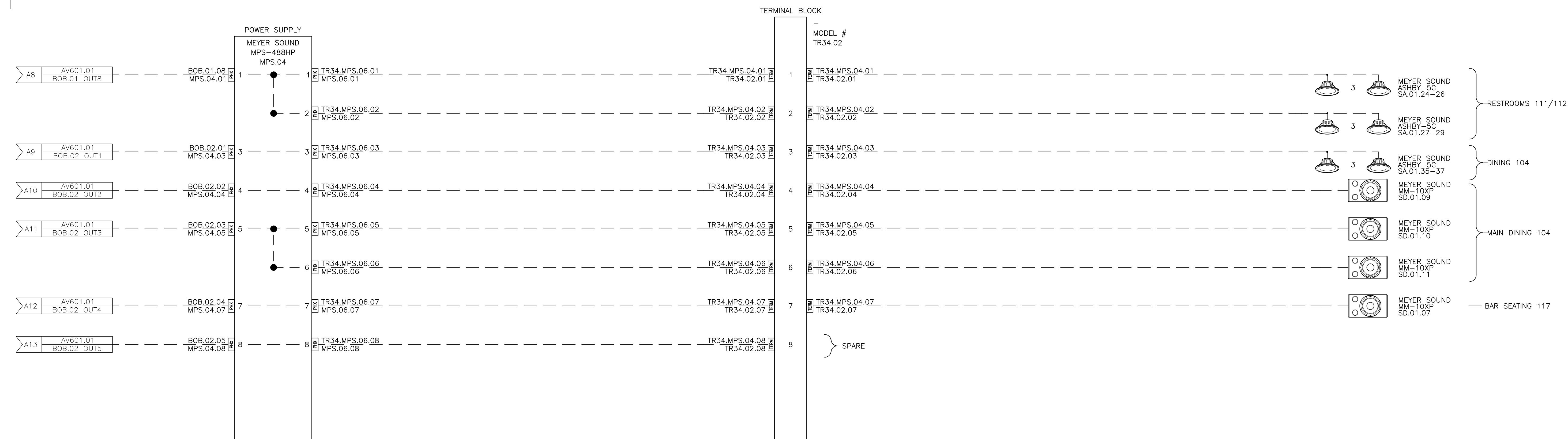
SINGLE LINES

TR-34

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MRID Project No.		XXXX
Consultant Project No.		BS-18-038
Date:		6/29/2018
Drawn By	Checked By	Approved By
A.F.	E.A.	E.A.
File Name: AV601-01_Audio Single Lines		

SHOP DRAWINGS

TR34



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AUDIO
SINGLE LINES
TR-34

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MRID Project No. XXXX

Consultant Project No. BS-18-038

Date: 6/29/2018

Drawn By E.A. Checked By E.A. Approved By E.A.

File Name: AV601_01_Audio Single Lines

AV601.03

SHOP DRAWINGS

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OWNER :
Aria

RESORT HOTEL & CASINO LAS VEGAS, NEVADA

PROJECT : ARIA - CATCH BUILD-OUT

REVISIONS :		
NO.	DATE	ISSUE

DRAWING NUMBER : AV601.01

SCALE : 1/8"

DATE : 6/29/2018

PAGE : 1 OF 1

FILE NAME : AV601_01_Audio Single Lines

REVISIONS : 0

NOTES :

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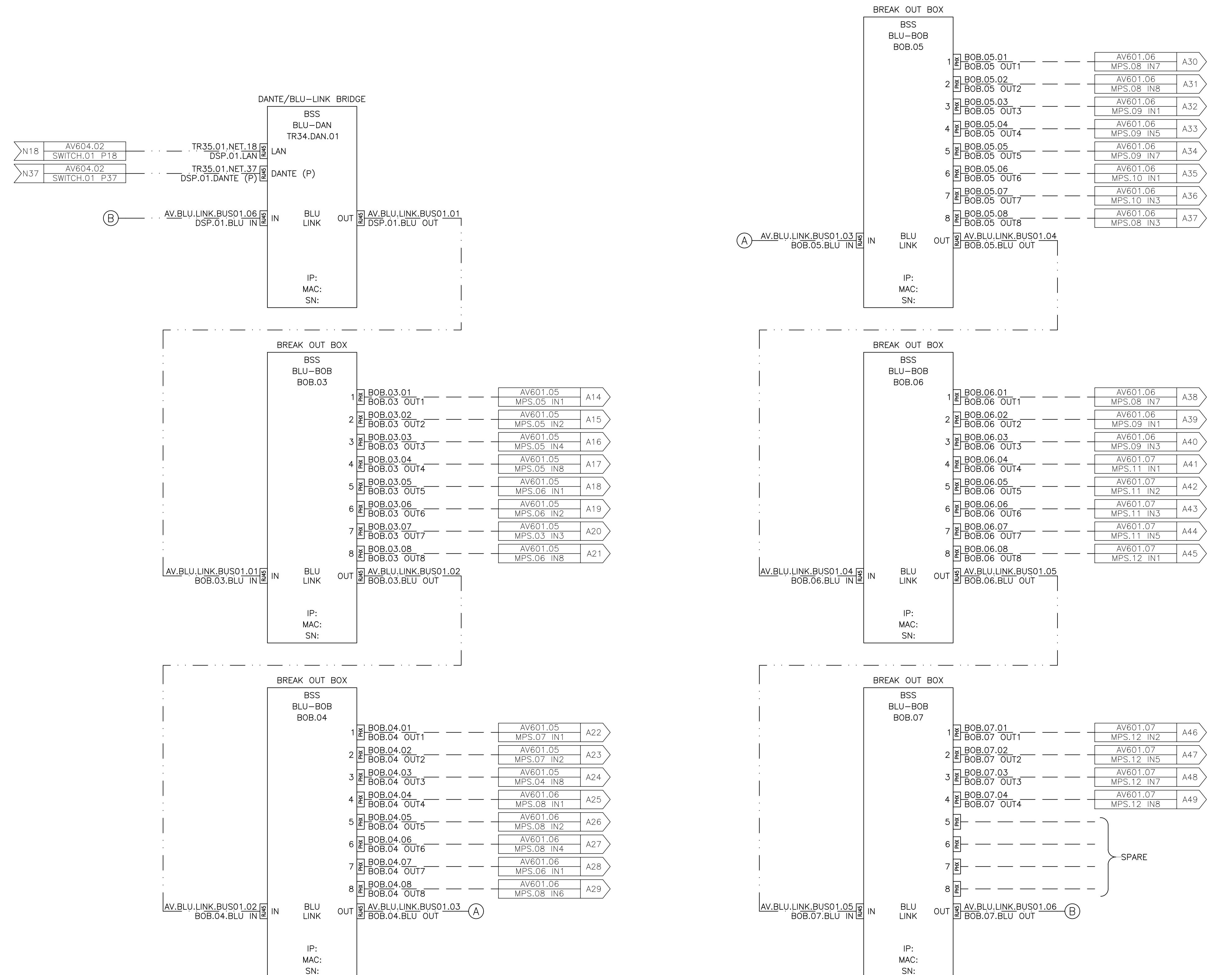
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**AUDIO
SINGLE LINES
TR-35**

Shop drawings, back, front, and full sections, and all other work to be done at the site by the contractor before proceeding with the work.
MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By A.F. Checked By E.A. Approved By E.A.
File Name: AV601-01_Audio Single Lines

AV601.04

SHOP DRAWINGS

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Project No: Aria
Project Name: RESORT HOTEL & CASINO LAS VEGAS, NEVADA
Project Address: ARIA - CATCH BUILD-OUT

REVISIONS :
No. Date Issue

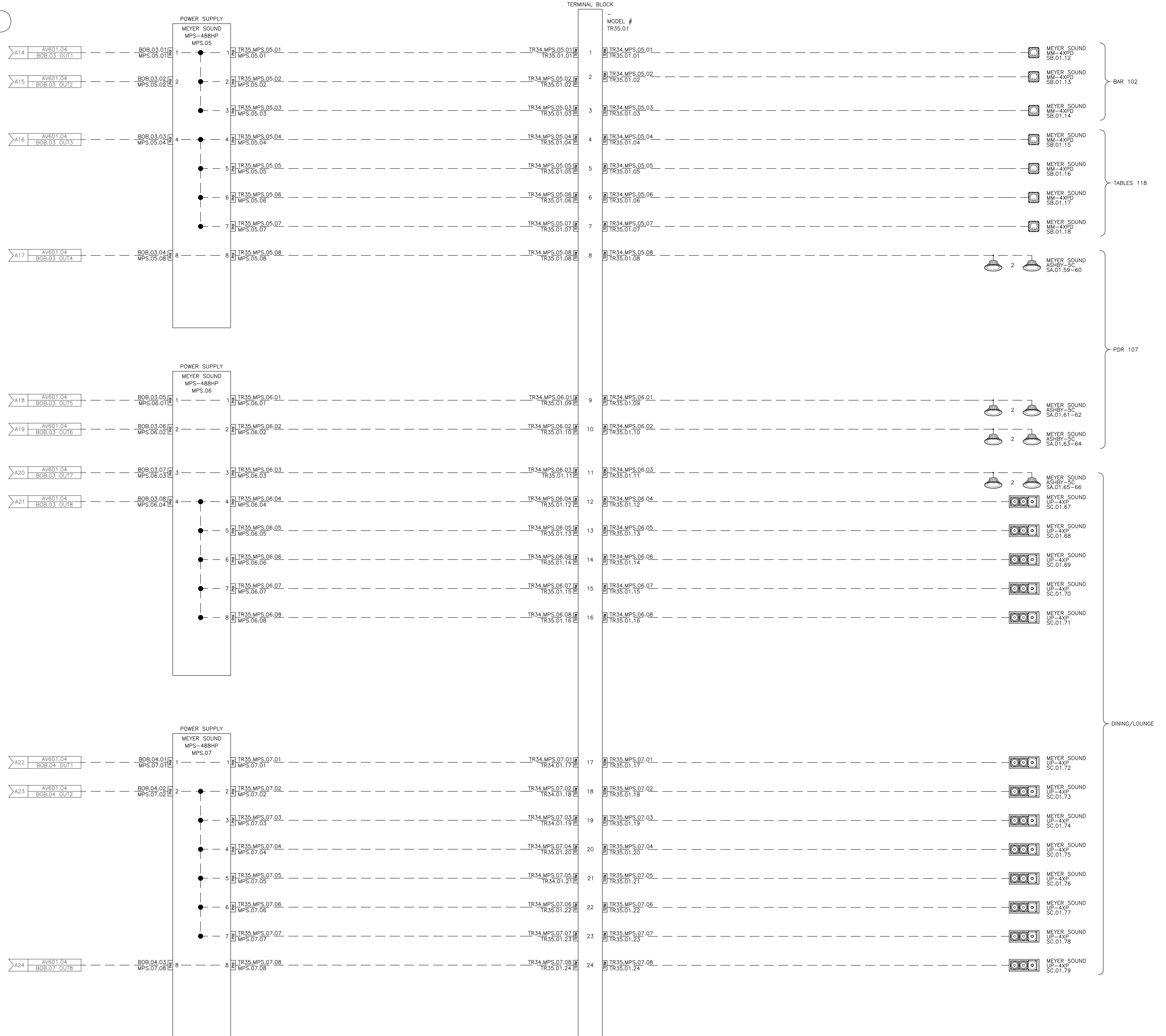
DRAWING TITLE :
AUDIO
SINGLE LINES
TR-35

Shop drawings, back, front, and full sections, and all other work to be done at the site by the contractor before proceeding with the work.
MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
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SHOP DRAWINGS

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SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION

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Aria
RESORT HOTEL & CASINO LAS VEGAS, NEVADA
PROJECT : ARIA CATCH BUILD-OUT

REVISIONS :
NO. DATE ISSUE

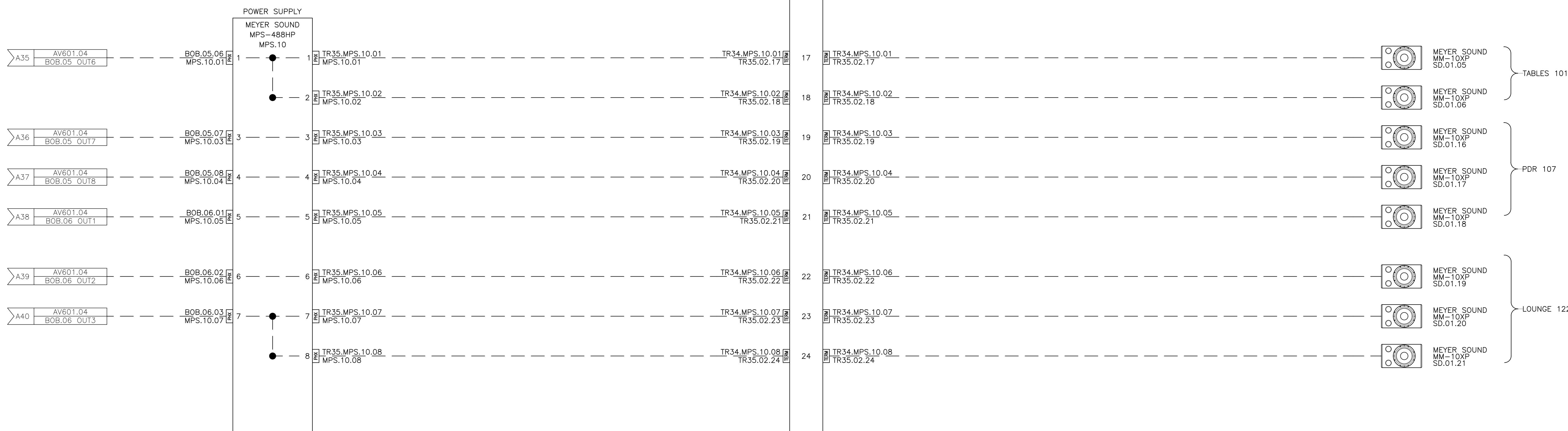
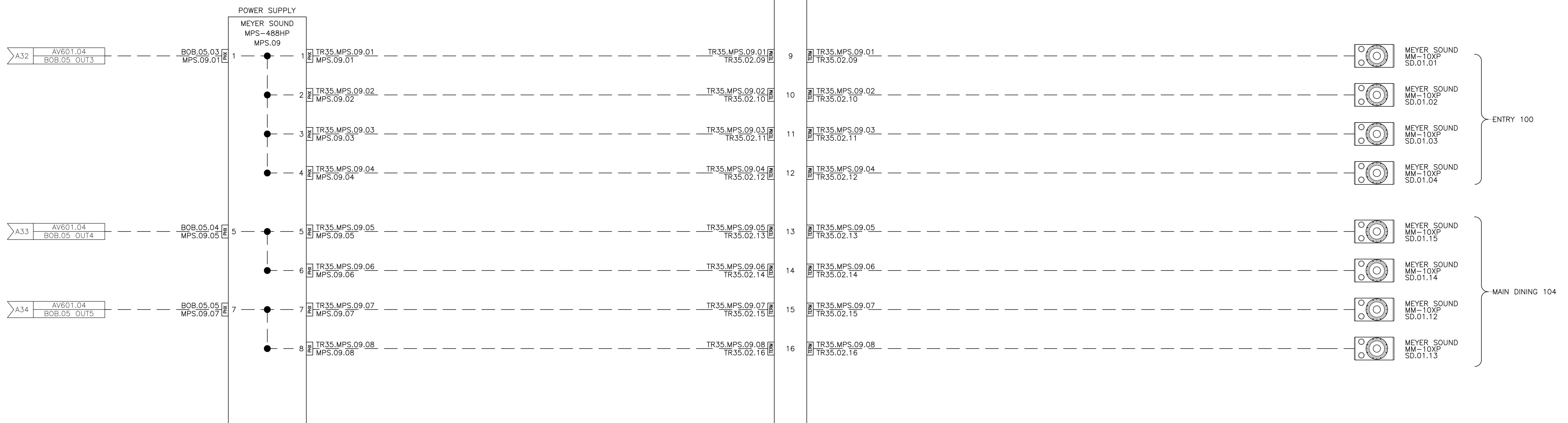
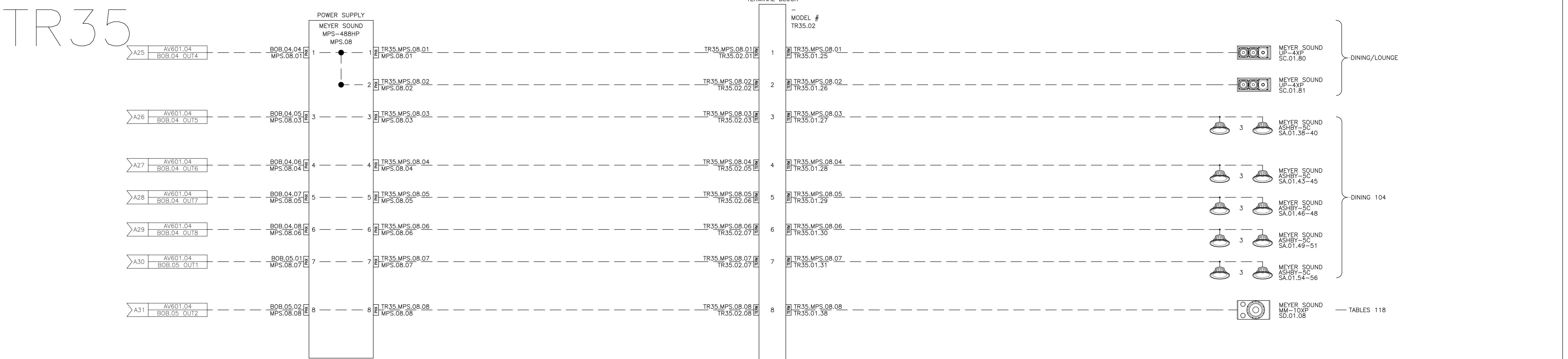
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AUDIO
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Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By A.F. Checked By E.A. Approved By E.A.
File Name: AV601.01_Audio Single Lines

AV601.05

SHOP DRAWINGS



SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION		
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DRAWING TITLE :		
<h1>AUDIO</h1> <h1>SINGLE LINES</h1> <h1>TR-35</h1>		
<p>All dimensions, levels, layouts and field conditions shall be verified at the site by the contractor before proceeding with the work.</p>		
MRID Project No.		XXXX
Consultant Project No.		BS-18-038
Date:		6/29/2018
Drawn By A.F.	Checked By E.A.	Approved By E.A.
File Name: AV601-01_Audio Single Lines		
<h1>AV601.06</h1>		
SHOP DRAWINGS		

An architectural rendering of the MGM Grand Las Vegas hotel and casino. The building features a distinctive curved facade with multiple levels of balconies and a large central tower. The words "MGM GRAND" are prominently displayed in large letters above the entrance. The rendering is set against a clear blue sky.

The Aria logo is a stylized, handwritten-style word "Aria" in black. The letter "A" has a long, sweeping vertical stroke with a small loop at the top. The "r" is a simple vertical line with a horizontal flourish. The "i" is a short vertical line with a small dot above it. The "a" is a wide, curved horizontal stroke. A small "TM" symbol is located at the top right of the "a".

REVISIONS :		
NO.	DATE	ISSUE

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DRAWING TITLE :

AUDIO

SINGLE LINES

SINGLE LINES TR-35

26

22

Journal of Health Politics, Policy and Law, Vol. 35, No. 4, December 2010
DOI 10.1215/03616878-35-4 © 2010 by The University of Chicago

All dimensions, levels, layouts and field conditions shall be verified at the site by the contractor before proceeding with the work.

MRID Project No. XXXX

Consultant Project No. BS-18-038

Date: 6/29/2018

A.F.	E.A.	E.A.
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File Name: AV601-01_Audio Single Lines

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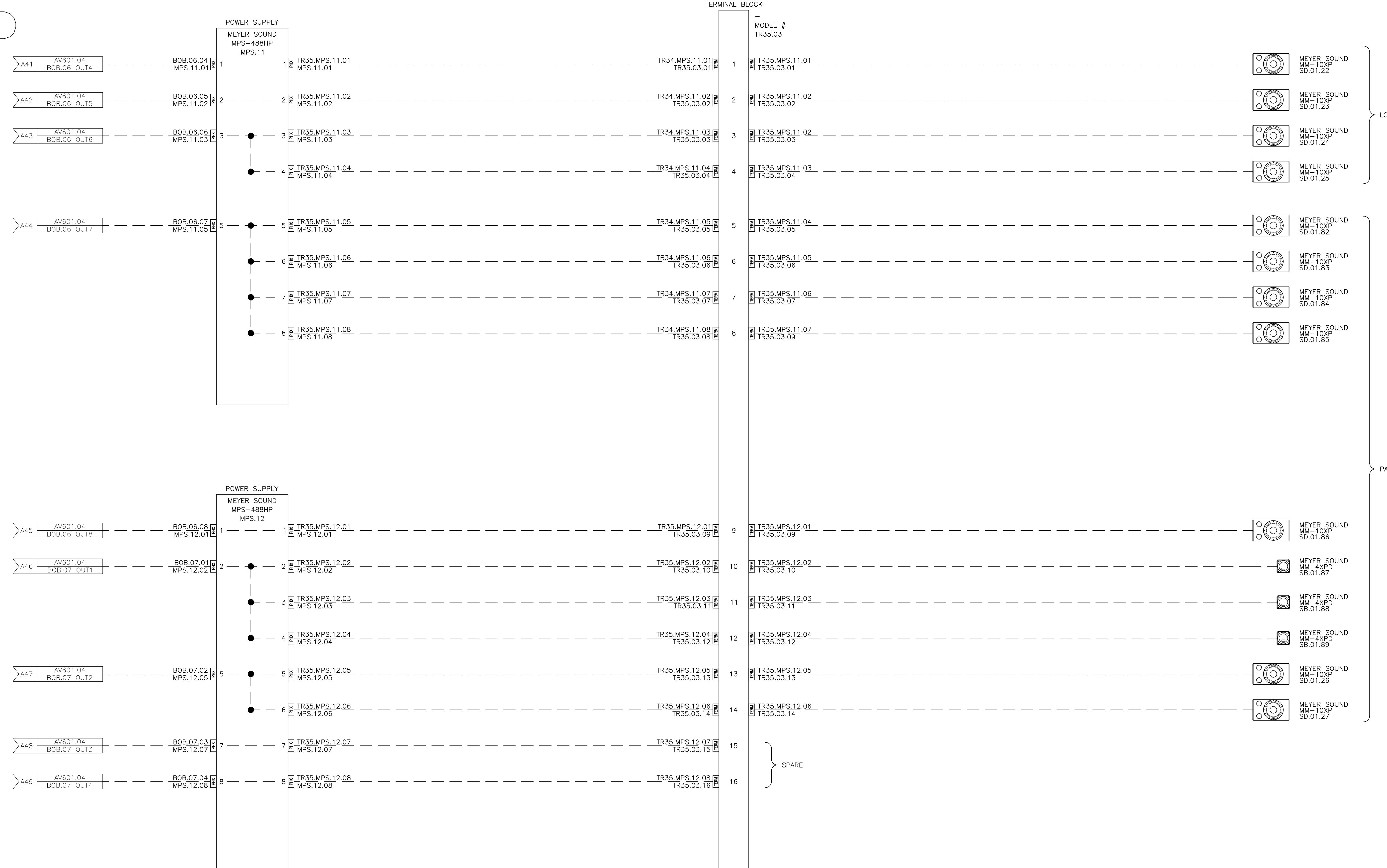
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SUPER DRAWINGS

SHOP DRAWINGS

TR35



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DRAWING TITLE :
AUDIO
SINGLE LINES
TR-35

MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By A.F. Checked By E.A. Approved By E.A.
File Name: AV601-01_Audio Single Lines

AV601.07

SHOP DRAWINGS

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4882 Frank Sinatra Dr., Las Vegas, NV 89158
702.692.2000 Phone 702.692.2098 Fax

PROJECT:
Aria
RESORT HOTEL & CASINO LAS VEGAS, NEVADA
Aria - CATCH BUILD-OUT

REVISIONS:
NO. DATE ISSUE

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DRAWING TITLE:

VIDEO
SINGLE LINES

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MRID Project No. XXXX

Consultant Project No. BS-18-038

Date: 6/29/2018

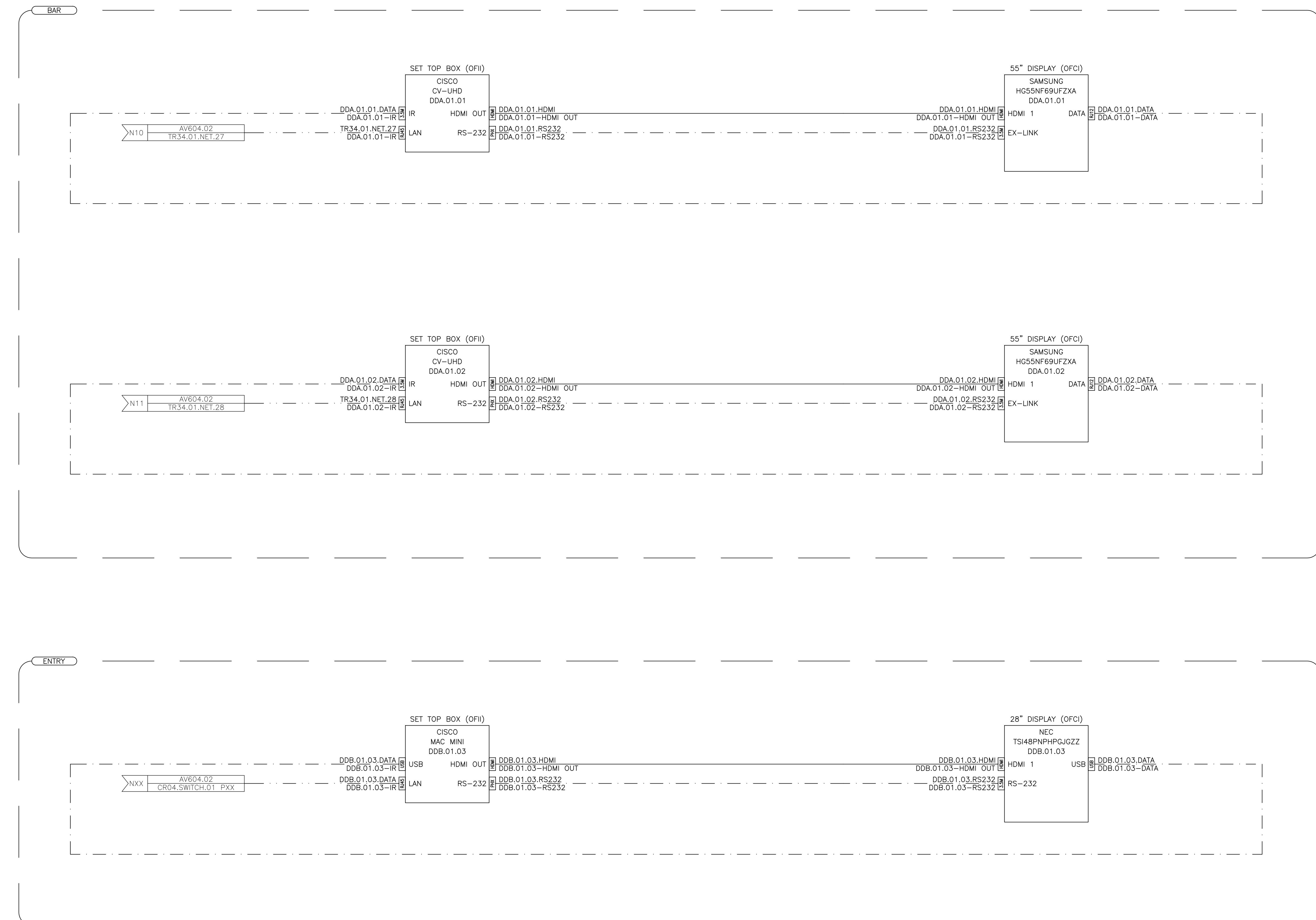
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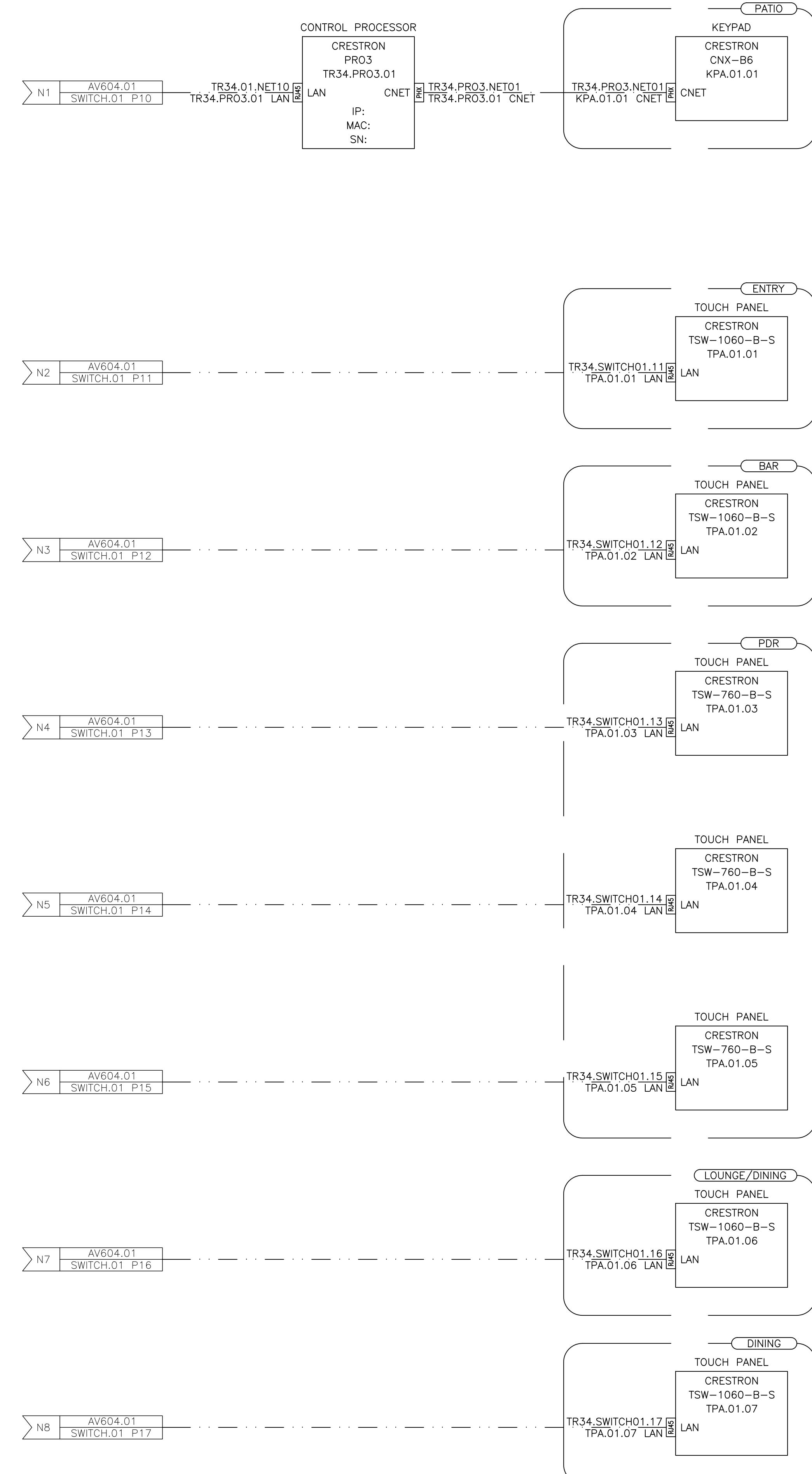
AV602.01

SHOP DRAWINGS

SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION



TR34



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DRAWING TITLE :

**CONTROL
SINGLE LINES**

ns, levels, layouts and field conditions shall be verified at
y the contractor before proceeding with the work.

Project No. XXXX

6/29/2018

F.	E.A.	E.A.
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e.

ΔV603 01

AV005.01

WORK DRAWINGS

HOP DRAWINGS

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DRAWING TITLE :

**CONTROL
SINGLE LINES**

ns, levels, layouts and field conditions shall be verified at
y the contractor before proceeding with the work.

Project No. XXXX

6/29/2018

F.	E.A.	E.A.
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ΔV603 01

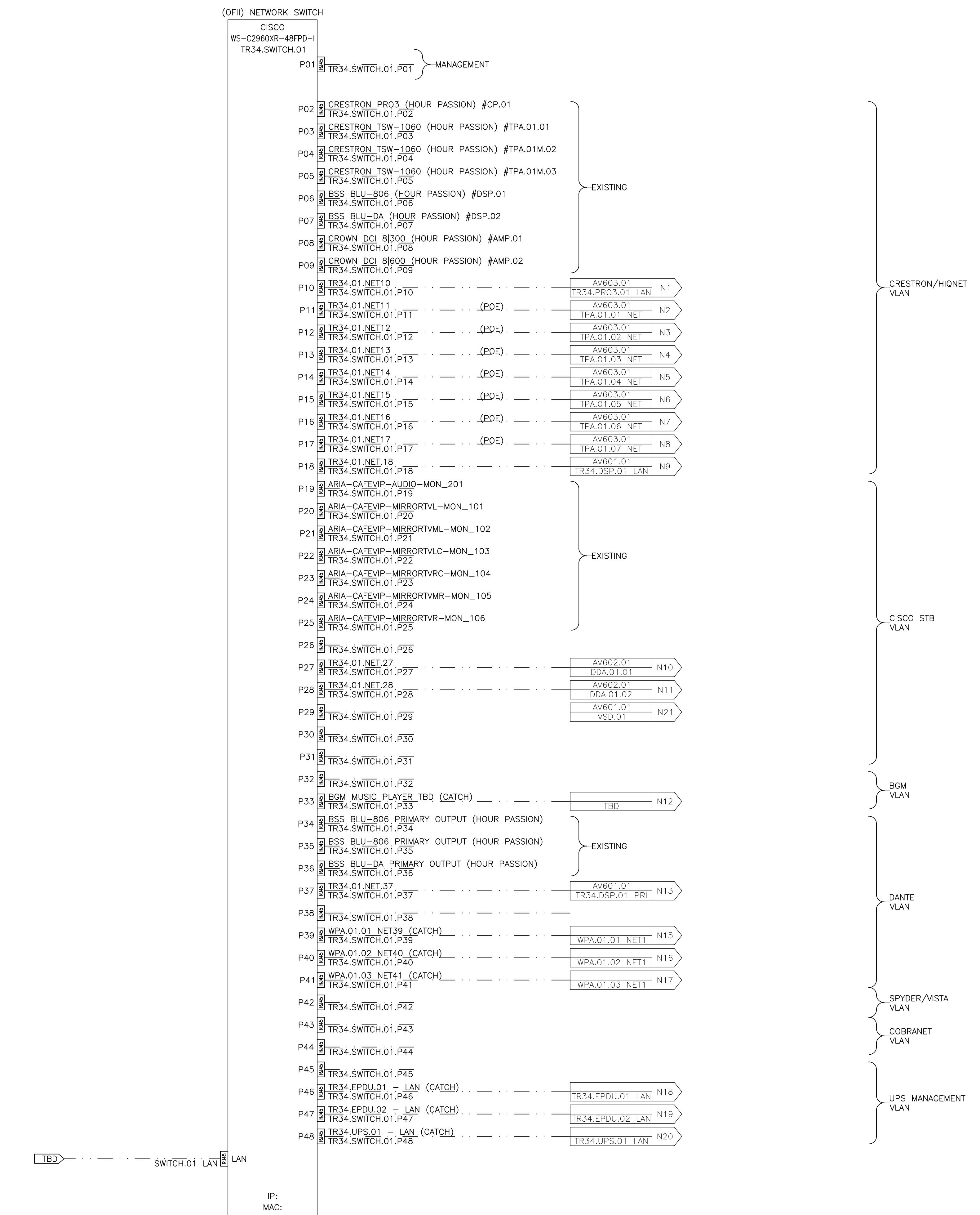
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WORK DRAWINGS

HOP DRAWINGS

SHOP DRAWINGS

TR34



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NETWORK SINGLE LINES
TR34

MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018

Drawn By E.A. Checked By Approved By
A.F. E.A. E.A.

File Name:

AV604.01

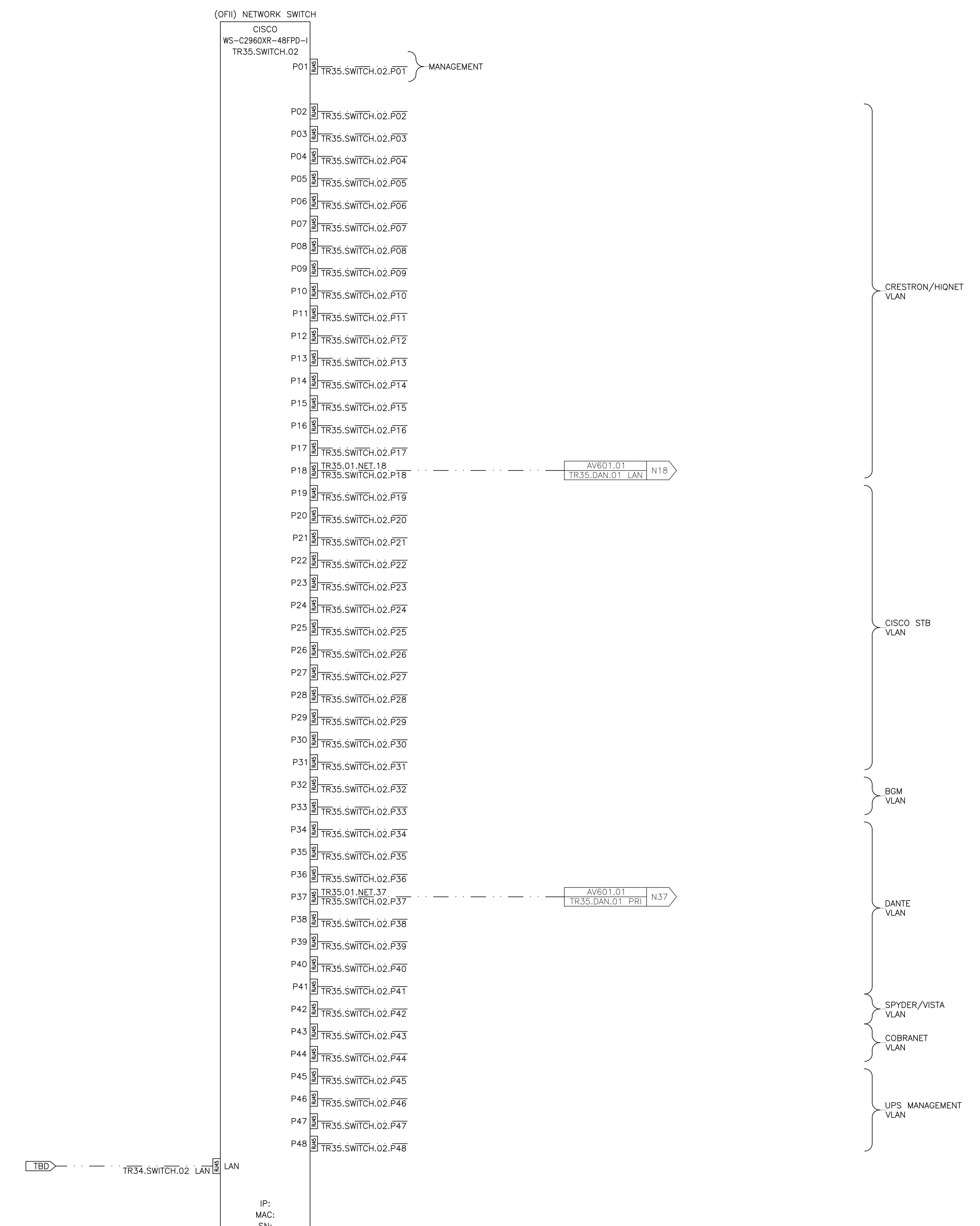
SHOP DRAWINGS

TECHNOLOGY WEST GROUP
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Suite #224
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www.techwg.com

ARCHITECT :
CONSULTANT :
OWNER :
MGM RESORTS INTERNATIONAL
4882 Frank Sinatra Dr., Las Vegas, NV 89158
702.692.2000 Phone 702.692.2098 Fax

Project : Aria - CATCH BUILD-OUT
Resort Hotel & Casino Las Vegas, Nevada

TR35



SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION
NETWORK SINGLE LINES
TR35

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MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By E.F. Checked By E.A. Approved By E.A.
File Name:

AV604.02
SHOP DRAWINGS

ARCHITECT :
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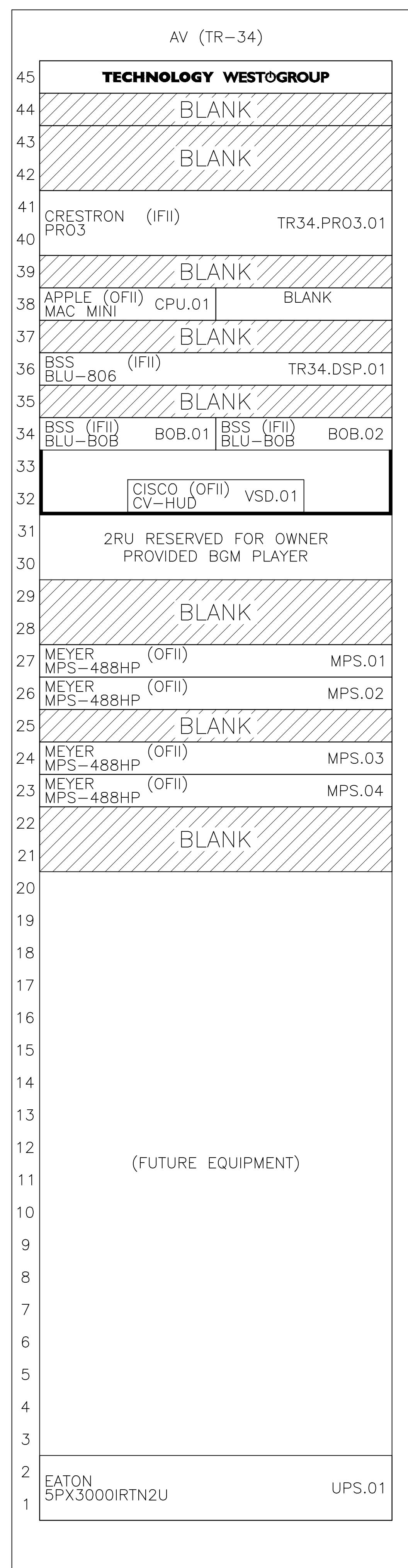
CONSULTANT:
OWNER :
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4882 Frank Sinatra Dr., Las Vegas, NV 89158
702.692.2000 Phone 702.692.2098 Fax

PROJECT :
RESORT HOTEL & CASINO LAS VEGAS, NEVADA
ARIA - CATCH BUILD-OUT

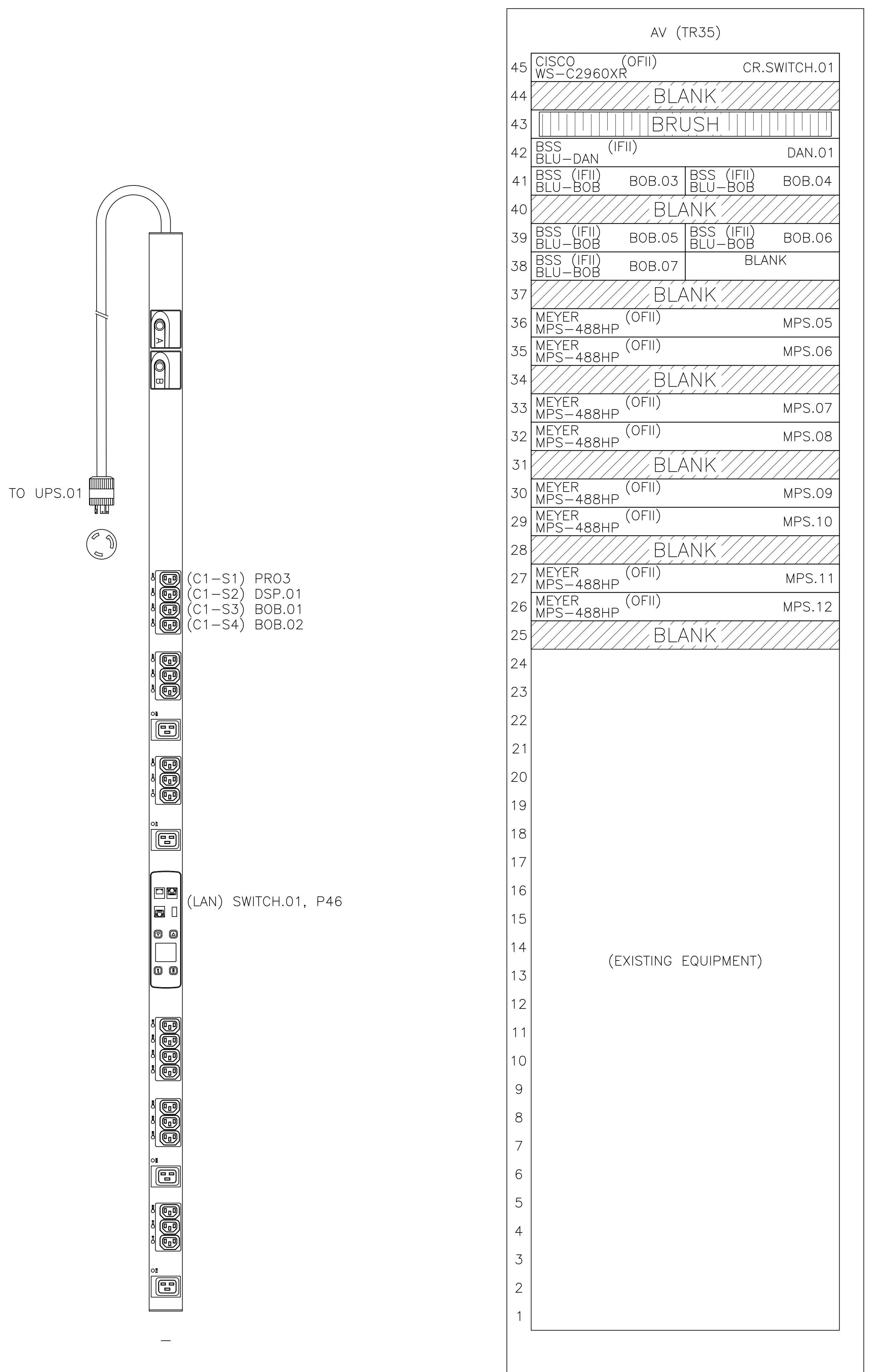
REVISIONS :
No. Date Issue

Integrator:

Aria



CAHTSWORTH CPI
GF-2A220CA

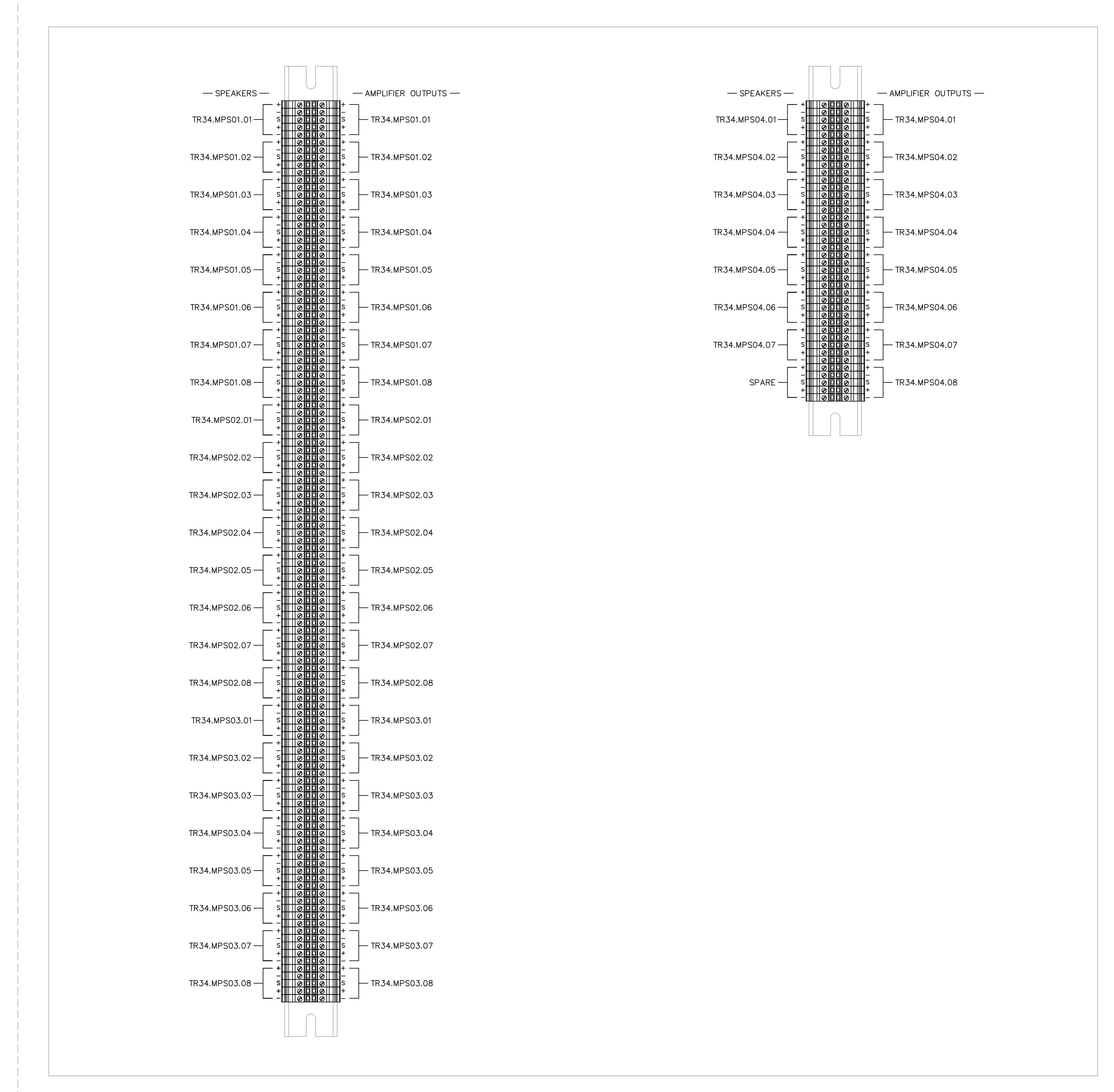


CAHTSWORTH CPI
GF-2A220CA
(EXISTING)

Shop drawings, back, front, and full sections, and all other work
to be done at the site by the contractor before proceeding with the work.
MRID Project No. XXXX
Consultant Project No. BS-18-038
Date: 6/29/2018
Drawn By E.A. Checked By Approved By
File Name:

AV701.01
SHOP DRAWINGS

36"X36"X6" TERMINAL BOX
W/34"X34" BACKER TO
BE SUPPLIED AND
INSTALLED BY E.C.



SHOP DRAWINGS - AUG 22 2018 - FOR CONSTRUCTION

DRAWING TITLE :
PLATES & PANEL DETAILS
TR34

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AV702.01
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MRID Project No. XXXX

Consultant Project No. BS-18-038

Date: 6/29/2018

Drawn By A.F. Checked By E.A. Approved By E.A.

File Name:

AV702.01

SHOP DRAWINGS

Aria
RESORT HOTEL & CASINO LAS VEGAS, NEVADA
PROJECT : ARIA - CATCH BUILD-OUT

REVISIONS :		
NO.	DATE	ISSUE

