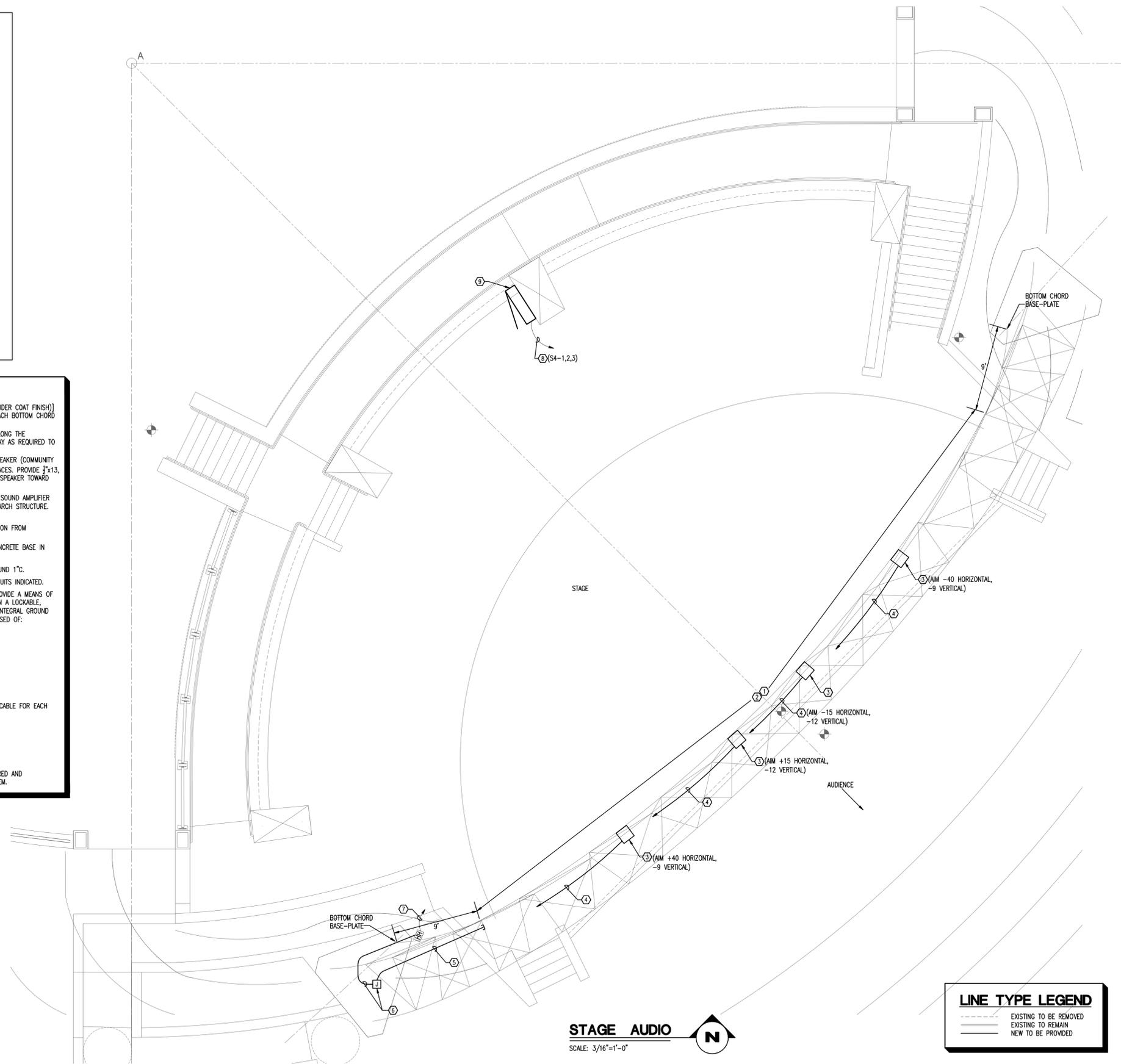


WORK NOTES:

- 1 PROVIDE A CONTINUOUS ASSEMBLY OF 7/8"x6"x1/8" WELDED WIRE CABLE-TRAY [SNAKETRAY #CMS01-6-8 (WHITE POWDER COAT FINISH)] ALONG THE STAGE-SIDE OF THE BOTTOM CHORD OF THE CANOPY ARCH BETWEEN THE TWO POINTS 9 FT ABOVE EACH BOTTOM CHORD BASE-PLATE.
- 2 PROVIDE 3"x20, GRADE 8 NUTS, WASHERS AND LOCK WASHERS AND ATTACH CABLE-TRAY AT 12 INCH INTERVALS ALONG THE STAGE-SIDE OF THE BOTTOM CHORD OF THE CANOPY ARCH USING THE THREADED STUDS PROVIDED. BEND THE TRAY AS REQUIRED TO FIT ALONG THE CURVATURE OF THE CHORD AND ARCH. REFER TO DETAIL THIS SHEET.
- 3 PROVIDE 25"x25"x31"D BODY, WEATHER-RESISTANT, THREE-WAY, HORN LOADED FULL-RANGE TRI-AXIAL LOUD SPEAKER (COMMUNITY #R2-4742) WITH MOUNTING YOKE MOUNTED TO BOTTOM OF REAR-TOP CHORD OF THE CANOPY ARCH IN FOUR PLACES. PROVIDE 1/2"x13, GRADE 8 NUTS, WASHERS AND LOCK WASHERS AND ATTACH SPEAKER USING THE THREADED STUDS PROVIDED. AIM SPEAKER TOWARD AUDIENCE SIDE OF ARCH USING COORDINATES INDICATED.
- 4 PROVIDE ONE WEST PENN HEAVY-DUTY #227, 12 GA, 2 CONDUCTOR SPEAKER WIRE FROM EACH SPEAKER TO THE SOUND AMPLIFIER AND CONTROL PANEL LOCATED AT BACK-STAGE. EXTEND, MANAGE, AND CABLE-TIE CABLE ALONG CABLE-TRAY ON ARCH STRUCTURE. REFER TO ADDITIONAL CABLE ROUTING NOTES THIS SHEET.
- 5 PROVIDE 1/2" LIQUID-TIGHT FLEXIBLE CONDUIT ALONG MIDDLE OF ARCH TRIANGLE FOR SPEAKER CABLES TO TRANSITION FROM CABLE-TRAY TO JUNCTION BOX.
- 6 SPEAKER CABLES SHALL ENTER JUNCTION BOX ON TOP OF EXISTING CONCRETE ARCH BASE AND EXTEND THRU CONCRETE BASE IN EXISTING 1/2" CONDUIT WITH DMX LIGHTING CONTROL CABLES TO HAND HOLE AT GROUND LEVEL.
- 7 EXTEND SPEAKER CABLES FROM JUNCTION BOX TO SOUND AMPLIFIER AND CONTROL PANEL IN EXISTING UNDERGROUND 1" CONDUIT.
- 8 EXISTING (1) 1" CONDUIT WITH 3 #10 G, 3 #10 N & 3 #10 G TO AUXILIARY SOUND POWER PANEL "S4" FOR THREE CIRCUITS INDICATED.
- 9 PROVIDE AUDIO AMPLIFIER AND CONTROL PANEL MOUNTED TO THE EXISTING CONCRETE CANOPY SUPPORT BASE. PROVIDE A MEANS OF MOUNTING AND ATTACHMENT. BOTTOM OF PANEL SHALL BE 42-INCHES AFF. EQUIPMENT SHALL BE ENCLOSED WITHIN A LOCKABLE, HINGED DOOR, WEATHERPROOF, AIR-CONDITIONED AND HEATED ENCLOSURE (AMERICAN #AM78P-2625-42RU) WITH INTEGRAL GROUND BAR KIT AND INTEGRAL LIGHT. THE INTERNAL EQUIPMENT SHALL INCLUDE ALL RACK-MOUNTED COMPONENTS COMPRISED OF:
 - (1) SHURE #SCM800 MIC/LINE MIXER
 - (1) RAXXESS #S12F RACK PANEL FOR 12 F/M XLR/1 JACKS
 - (6) NEUTRIK #NC3FP-1 FEMALE XLR CHASSIS-MOUNT JACKS
 - (2) NEUTRIK #NL3FP6C CHASSIS-MOUNT 1/2" PHONE JACKS WITH LOCKING DSZ
 - (6) SWITCHORAF CONNECTOR 6-PIN XLR MALE CABLE-MOUNT
 - (2) SWITCHORAF #297 PKG 1/2" PLUG STEREO 3 CON NICKEL-METAL
 - (2) CROWN #CDI 4000 AMPLIFIERS
 - (6) SHURE #SM58S/HOZM100 SHURE-TOUGH HANDHELD MICROPHONE WITH ON/OFF SWITCH WITH 100-FT XLR CABLE FOR EACH
 - (1) TASCAM CD1 200 CD-PLAYER WITH AUXILIARY INPUT
 - (1) PROCO RACK MP3 PLAYER INTERFACE
 - (1) BIAMP NEXIA SP DIGITAL SIGNAL PROCESSOR
 - (1) BIAMP SELECT 8 DSP CONTROLLER
 - (3) AUDIO TECHNICA 3000 SERIES SYSTEM WIRELESS MICROPHONE SYSTEMS

ALL COMPONENTS SHALL BE ASSEMBLED BY THE SYSTEM INTEGRATOR, AND INSTALLED IN THE RACK-MOUNTING, WIRED AND INTERCONNECTED FOR A COMPLETE AND OPERATING SOUND AMPLIFICATION CONTROL AND PUBLIC ADDRESSING SYSTEM.

NOTE:
DURING THE MOUNTING OF EACH SPEAKER AND CABLE TRAY THIS CONTRACTOR SHALL TREAT THE THREADED STUD WITH LOCITEE THREADLOCKER BLUE #242 APPLYING PER MANUFACTURER'S GUIDELINES.



STAGE AUDIO

SCALE: 3/16"=1'-0"



LINE TYPE LEGEND

- EXISTING TO BE REMOVED
- - - EXISTING TO REMAIN
- NEW TO BE PROVIDED

NO.	DATE	DESCRIPTION	CHECKED BY:	REVISIONS

PROJECT NUMBER: **BP20-008**
DATE: **10/17/12**
PROJECT: **ES/FE/3**
SCALE: **1-1**
DRAWN BY: **NH**
CHECKED BY:

26-123

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PINNACLE
ENGINEERING
GROUP, P.A.

PREPARED FOR:
BLUEPRINT
CONSTRUCTION PLANS

SHEET TITLE: **AMPHITHEATRE ELECTRICAL STAGE AUDIO**
PROJECT NAME: **CAPITAL CASCADE TRAIL CONSTRUCTION PLANS**
SHEET NUMBER: **E05.09**