

Tony Baldwin, Ed. D., Superintendent

175 Bingham Rd., Asheville, NC 28806 P: 828-255-5921 | F: 828-255-5923 buncombeschools.org

ADDENDUM #1

May 4, 2020

TRANSMITTED VIA EMAIL: 5 pages

TO:

ALL PLAN HOLDERS AND POTENTIAL BIDDERS

FROM:

TIFFANY McCANTS. PURCHASING OFFICER

SUBJECT:

ENKA HIGH SCHOOL PROPOSED SOUND ROOM IN THE AUDITORIUM

(RFP# 12-20)

The following specifications and drawings are hereby made a part of the original documents. Bidders shall acknowledge receipt of this addendum by notation in the space provided on the Proposal Form.

<u>Addendum includes</u>: Pre-Bid meeting notes from Project Designer Carol Fay and new drawings with project information.

Addendum #1

RFP# 12-20



Tony Baldwin, Ed.D., Superintendent

175 Bingham Road, Asheville, NC 28806 P 828.255.5921 F 828.255.5923 www.buncombe.k12.nc.us

MEMO TO: Tiffany McCants

Purchasing Officer

FROM: Carol Fay, Architect

Facilities- Assistant Director

DATE: May 1, 2020

SUBJECT: Enka High School proposed Sound Room in the Auditorium- Addendum 1

A pre-bid meeting for the Enka High School Sound Room Project was held at the school on May 1, 2020 at 1:30 PM

The pre-bid meeting minutes are to be incorporated in the bid documents as clarification and information related to the project requirements.

Pre-Bid Attendees:

Michael Worley Grigg Electric Michael@Griggelectric.com
 Brad Allen B Allen Construction ballen33@bellsouth.net

• Steven McAnally Patton Construction steven@patton@pattoncostructiongroup.com

Maxwell DeHoll Smart Builders Construction info@smartbuildersconstruction.com

Ben Stone Beverly Grant BStone@Beverly-grant.com
Josh Smathers Construction joshsmath@gmail.com
Tim Fierle BC Facilities tim.fierle@bcsemail.org
Carol Fay BCS Facilities carol.fay@bcsemail.org

The following are items and issues were discussed and clarifications are included.

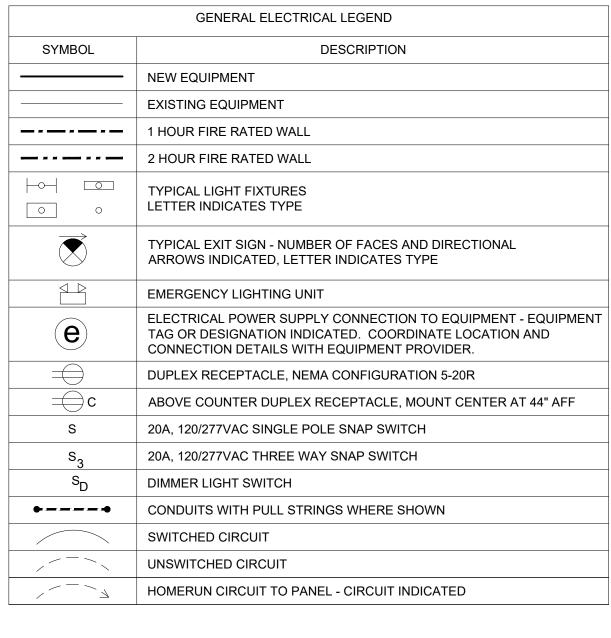
- 1) The project consists of the construction of a sound room in the auditorium and is a turnkey project involving general construction, fire alarm, electrical and mechanical work.
- 2) The drawings and specifications can be downloaded from the Buncombe County website. The BC website is the only official bid and contract document site.
- 3) This will be an informal bid. There will be no public bid opening and the contract will be by a Buncombe County purchase order.
- 4) Bid Date: Tuesday May 12, 2020 at 4:00 pm. E-Mail bids to ask.purchasing@bcsemail.org
 No hand delivered or mail in bids will be accepted
- 5) No questions that will affect bidding will be allowed after 1:00 PM Friday, May 8,2020.
- 6) Revised light fixture schedule E2.1 is part of this Addendum 1
- 7) Contractor to include a \$4,800.00 Allowance in their base bid for fire alarm work and recertification by BC Fire Alarm Contractor- MSS Fire and Security. Contact person- David.Stanford@MSS Solutions.com

- 8) A building section though the floor/ ceiling @ the location of the mechanical penetration is provided in this addendum. This is from the original drawing set and not to be considered as an "as built drawing"
- 9) Proposed doors to match existing- birch doors. Factory prefinished doors to match or contractor finish on site with a solvent based poly
- 10) Construction access will be through the lower level exterior door in the Auditorium. There will be simultaneous projects including painting and seat replacement that will occur during this project.
- 11) Contractors that need to access the project site before the bid date must make prior arrangements with the school.

ENKA HIGH SCHOOL SOUND ROOM PROJECT MEETING MINUTES

TYPE	DESCRIPTION	OEM & MODEL #: BASIS OF DESIGN *	MOUNTING	VOLT	LAMPS	VA/ FIXT. NOTES
	4' CABLE SUSPENDED DIRECT/INDIRECT LINEAR (55% DOWNLIGHT), BLACK HOUSING, 3400 LUMENS, 0-10VOLT DIMMING, 3500° K, 24" CABLE LENGTH 0- 90° SWIVEL CEILING MOUNT	LEDALITE 7806LBEQD047DEB,A3-24 OR EQUIVALENT EATON CORELITE E2WS1L301UNVAC OR ACUITY LIGHTEDGE EGRM4L	CEILING MT. W/ OCTAGON BOX	120	28WLED	28.4
В	RECESSED WALL LED STEP LIGHT, SHIELDED, 241 LUMENS, 3500° K,	BEGA #22372+K35 OR EQUIVALENT EATON ZUMA 1211-LA OR ACUITY BRANDS LITHONIA OLSS	WALL MOUNT 24" AFF	120	11WLED	11
EL	EMERGENCY EGRESS BATTERY LIGHT- TWO HEADS, 565 LUMENS, BLACK, STEEL HOUSING, LEAD-CALCIUM BATTERY, 12VOLTS, 36 WATTS	LIGHTALARMS #2M12G1SP/L6B-FM-ID, LITHONIA ELM-2L, OR PHILIPS CHLORIDE \$12V36TO72W	WALL MOUNT 9'AFF	120	6WLED	36
BASIS	OF DESIGN, OTHER EQUIVALENT FIXTURES MAY BE SUBMITTED AND ARE SUBJECT TO SUBM	HALSREVIEW				

\/A/				NEW EQUIPMENT
VA/ FIXT.	NOTES			EXISTING EQUIPMENT
FIXI.				1 HOUR FIRE RATED WALL
28.4				2 HOUR FIRE RATED WALL
11				TYPICAL LIGHT FIXTURES LETTER INDICATES TYPE
			$\overline{\mathbf{x}}$	TYPICAL EXIT SIGN - NUMBER OF FACES AND DIRECTIONAL ARROWS INDICATED, LETTER INDICATES TYPE
36				EMERGENCY LIGHTING UNIT
			e	ELECTRICAL POWER SUPPLY CONNECTION TO EQUIPMENT - EQUIPMENT TAG OR DESIGNATION INDICATED. COORDINATE LOCATION AND CONNECTION DETAILS WITH EQUIPMENT PROVIDER.
				DUPLEX RECEPTACLE, NEMA CONFIGURATION 5-20R
			С	ABOVE COUNTER DUPLEX RECEPTACLE, MOUNT CENTER AT 44" AFF
			S	20A, 120/277VAC SINGLE POLE SNAP SWITCH
			s ₃	20A, 120/277VAC THREE WAY SNAP SWITCH
			S _D	DIMMER LIGHT SWITCH
			••	CONDUITS WITH PULL STRINGS WHERE SHOWN
				SWITCHED CIRCUIT
			/	UNSWITCHED CIRCUIT
			/ 4	HOMERUN CIRCUIT TO PANEL - CIRCUIT INDICATED
	System N	No. W-J-1067		ABBREVIATIONS A AMP
ANSI/UL14	479 (ASTM E814)		CAN/ULC S115	3
Rating — 1 and 2 H	Hr (See Items 1 ar	nd 3) E Pating	_1 and 2 Hr /See Items 1	and 3) A AMP



DII.	DII	DII	OVT	CIDCUIT	00 N ID	OND	\A/IDE	DDKD	OVT	EXISTING PANEL	OVT	DDKD	\A4DE	OND	00NID	OKT	OIDOLIIT	DII	DII	DII
-	PH.		CKT.	CIRCUIT						2PE						CKT.	CIRCUIT	PH.	PH.	PH.
A	В	С		DESIGNATION/LOCATION	SIZE	AWG	AWG		NO.	ZPE			AWG				DESIGNATION/LOCATION	A	В	С
1.08	. 70			RECEPTS.RMS201&202				20	1_		2	20	-	-			RECEPTS. RMS 105 &106	0.90		
	0.72			RECEPTS.RMS203&205				20	3		4	20	-	-			RECEPTS. RMS 107&108		0.90	0.00
		0.95	No. 20	MEZZANINE LTS&RECEPTS				20	5		6	20	-	-			RECEPTS. RM 109			0.36
0.72				RECEPTS.RM 204				20	7		8	20	-	-			RECEPTS. RM 103	0.72		
	0.54			RECEPTS.AUDITORM 207				20	9		10	20		-			RECEPTS. RM 102		0.54	
				RECEPTS.AUDITORM 207				20	11		12	20	-	-			EXHAUST FAN 43			0.70
0.50				DIMMER CONTROLS				20	13		14	20	-	-			EXHAUST FAN 44	0.70		
	0.90			RECEPTS.AUDITORM 207				20	15		16	20	12	12			LIGHTS-CONTROL RM.		0.20	
		0.90		RECEPTS.AUDITORM 207				20	17		18	20	12	12			RECEPTS-CONTROL RM.			0.54
0.54				RECEPTS.RM 211				20	19		20	20	12	12			RECEPTS-COUNTER HT.	0.54		
	0.72		REC	RECEPTS.RM 211				20	21		22	20	12	12	1/2	REC	RECEPTS-EQUIP. RACK		0.36	
		0.90	REC	RECEPTS.RM 211				20	23		24	20		-		MISC	WATER HEATER			1.50
0.72			REC	RECEPTS.RM 213				20	25		26	20	-	1		MISC	WATER HEATER	1.50		
	0.54		REC	RECEPTS.RM 213				20	27		28	20	ī	ı		REC	TROUGH T5		1.00	
		0.36	REC	RECEPTS. RM 213				20	29		30	20	-	-		HVAC	1.5 KW HEATER			1.50
0.10			LTS	LIGHTING CONTROL LRC				20	31		32	20	-	-		HVAC	1.5 KW HEATER	1.50		
	1.10		LTS	STEP LTS. AUDITORIUM				20	33		34	20	H	-		REC	TROUGH T3 MOVIE SCRN		1.00	
		2.00	MISC	DISCONNECT BEHIND				20	35		36	20	-	-		REC	FOLLOW SPOT AUDITORM			0.18
2.00			MISC	GUIDANCE OFFICE				30	37		38	20	-	-		REC	FOLLOW SPOT AUDITORM	0.18		
	0.20		MISC	EXISTING AUDIO EQUIP.				20	39		40	20				HVAC	LIEAT DUMD #3		0.00	
		0.20	REC	MEZZANINE LTS&RECEPTS				20	41		42	30				HVAC	HEAT PUMP #3			0.00
																		Α	В	С
CDEC	IAI E	- A TI II		OTES: BOLD FONT IS INTER	UDED	TO DE	CICN	ATE N	IEVA/								GROSS PHASE TOTALS	11.70	8.72	10.63
SPEC	IAL FI	EATUR	KES/INC	WORK	ADED	IO DE	SIGN	AIEI	4E44							PHA	SE VOLTAGE (=120 OR 277)	120	120	120
				WORK										GF	ROSS	PHAS	E CONNECTED AMPERAGE	97.5	72.7	88.6
				EXISTING PANEL 2PE	1										(GROSS	CONNECTED TOTAL LOAD	31.1	KVA	
			CODE	LOAD DESCRIPTION	CONI	VECTE	D KVA	DEI	MANE) % DEMAND K\	/A					MFG:	EXISTING SQ.D			
			LTS	LIGHTS		1.4		Χ	125	%	1.8					TYPE:	BOLT-IN BREAKERS			
			HVAC	HVAC		4.4		Χ	100	%	4.4				MOU	VTING:	FLUSH			
			A/C	HVAC (A/C)		0.0		Χ	0	%	0.0				VOL	TAGE:	208/120			
				HVAC (HEAT)		0.0		Χ	0	%	0.0				Р	HASE:	3			
				LARGE MOTORS		0.0		X	0	%	0.0		BU	SSES		JTRAL:	225/225			
			VENT	VENTILATION		0.0		Х	0	%	0.0					WIRE:	4			
				KITCHEN EQUIPMENT.		0.0			100	%	0.0			M.I		ATING:	225			
				RECEPTACLES		17.6		X	78	%	13.8					FEED:	BOTTOM			
				MISCELLANEOUOS		7.7		X	100	%	7.7					ATING:	22			
				FUTURE CAPACITY		0.0		X	0	%	0.0					ISSES	YES			
				TOTAL LOADS	31 1					AL DEMAND	27.6		$\overline{}$			DERS:	EXISTING			
			l	TO TAL LOADS	JI.I				1017	AL DEMAND	21.0				ILC	DLING.	LAIGTING			

SCOPE OF WORK

PROVIDE TEMPORARY CONSTRUCTION PHASE POWER AND LIGHTING FOR ALL TRADES AS NEEDED.

PROVIDE SUBMITTALS ON ALL POWER, LIGHTING, AND CONTROLS EQUIPMENT.

XX: MOUNTING & ACCESSORIES BY EC

PROVIDE ALL ELECTRICAL SHOWN ON DRAWINGS AND SPECIFICATIONS AND AS NEEDED TO PROVIDE A COMPLETELY FUNCTIONAL INSTALLATION AND IN COMPLIANCE WITH NC ELECTRICAL CODE NEC 2017 EDITION WITH NC AMENDMENTS

PROVIDE ALL LOW VOLTAGE AND DATA WIRING FOR SYSTEMS FURNISHED BY OWNER.

PROVIDE FIELD COORDINATION WITH OTHER TRADES AND PROVIDE RED-LINE MARKED UP DRAWINGS TO OWNER OF ALL FIELD CHANGES.

TEST ALL MOTORS FOR CORRECT ROTATION. TEST ALL LIGHTING, SWITCHING, AND OCCUPANCY SENSORS FOR PROPER FUNCTION.

TEST AND CERTIFY ALL EMERGENCY LIGHTING.

PROVIDE ALL REQUIRED ELECTRICALLY RELATED PERMITS AND INSPECTIONS.

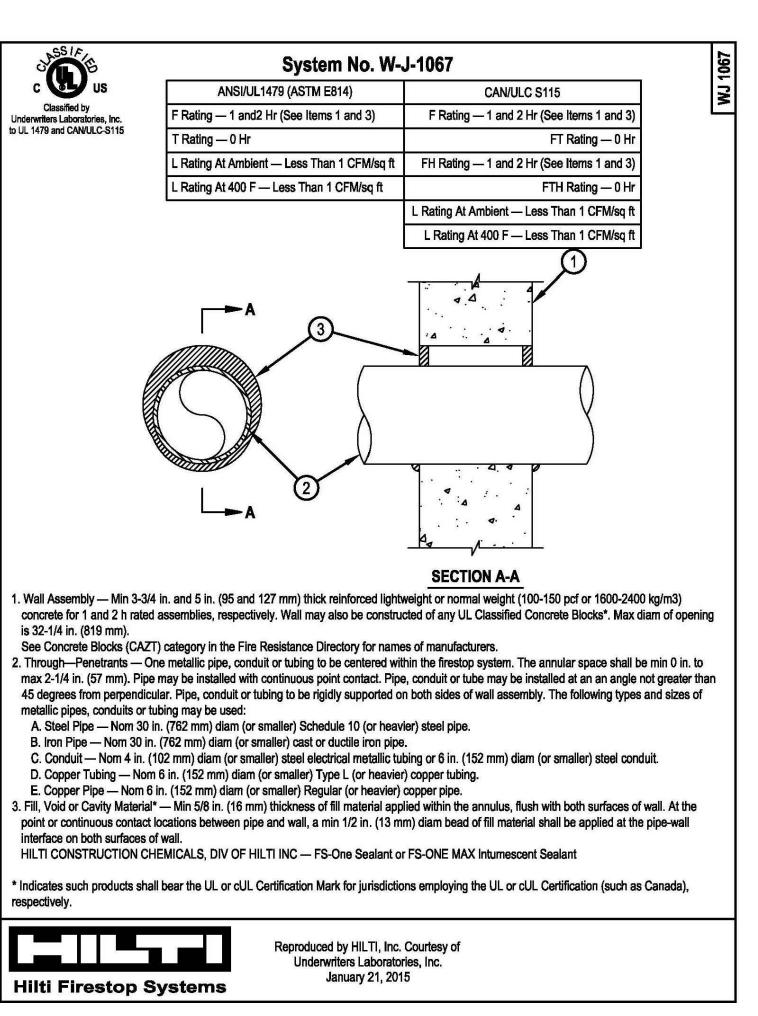
PROVIDE A ONE YEAR WARRANTY ON ALL PARTS AND LABOR FROM DATE OF PROJECT ACCEPTANCE

GENERAL NOTES (ALL ELECTRICAL SHEETS)

- THIS DRAWING IS DIAGRAMMATIC AND INDICATES THE APPROXIMATE LOCATION OF DEVICES AND EQUIPMENT. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS ON SITE. MINOR ADJUSTMENTS AND OFFSETS SHALL BE PROVIDED WHERE REQUIRED AT NO ADDITIONAL COST TO THE OWNER.
- 2 PROVIDE ALL WORK IN COMPLIANCE WITH NC ELECTRICAL CODE AND IN AN INDUSTRY STANDARD WORKMANLIKE MANNER.
- 3 NMC (ROMEX AND SE CABLE FOR FEEDERS) IS NOT ACCEPTABLE. MC CABLE IS ACCEPTABLE WHEN FISHED INSIDE EXISTING WALLS AND FOR WHIPS. EMT CONDUIT WITH COMPRESSION TYPE FITTINGS AND COPPER CONDUCTORS SHALL BE INSTALLED IN ALL OTHER LOCATIONS. MINIMUM CONDUIT SIZE IS 3/4" TRADE SIZE.
- 5 ALL WALLS AND PENETRATIONS SHALL BE REPAIRED AND SEALED, SEE ARCHITECTURAL FOR WALL CONSTRUCTION.
- ALL WIRE SIZES SHOWN ARE FOR COPPER, UNLESS OTHERWISE NOTED. WIRES #10 OR LESS HALL BE SOLID.

4 RACEWAYS SHALL NOT BE RUN ON THE EXTERIOR OF BUILDING OR EXPOSED IN FINISHED USER/PUBLIC AREAS.

- RECEPTACLE AND SWITCH COVER PLATES SHALL BE BRUSHED STAINLESS STEEL, DEVICE COLOR SHALL BE GRAY.
- ALL SPARE BREAKERS SHALL BE TURNED OFF AND LABELED "SPARE" ON DIRECTORY CARD.
- PROVIDE ALL CONDUIT AND WIRE TERMINATIONS TO EQUIPMENT.
- GENERALLY FOCUS EMERGENCY LIGHT HEADS AT 45° DOWN ANGLE AND +/- 15°-45° HORIZONTALLY TO COVER EGRESS PATCH. DO FINAL ADJUSTMENT OF HEADS WITH ENGINEER.
- 11 PRIOR TO LOCATING ANY DEVICES AT CASEWORK, COUNTERTOPS, ETC REFER TO FINAL ARCHITECTURAL CASEWORK DRAWINGS AND SHOP DRAWINGS TO VERIFY MOUNTING HEIGHTS AND LOCATIONS. COORDINATE ANY MOUNTING LOCATIONS PRIOR TO ROUGH IN.
- 12 THE ENGINEER HAS MADE EVERY EFFORT TO PROVIDE A COMPLETE DESIGN, COMPLIANT WITH ALL CODES. THE ELECTRICAL CONTRACTOR SHALL MAKE ANY REQUIRED MINOR FIELD ADJUSTMENTS TO FULLY COMPLY WITH ALL LOCAL AND STATE CODES AND THE ORIGINAL DESIGN INTENT.



AFF ABOVE FINISHED FLOOR

AFG ABOVE FINISHED GRADE

AL ALUMINUM BFG BELOW FINISHED GRADE

C CONDUIT (AND DEVICE COUNTER HEIGHT)

CU COPPER OR CONDENSING UNIT

EC ELECTRICAL CONTRACTOR

EF EXHAUST FAN

ER REMTOE EMERGENCY LIGHT

EWH ELECTRIC WALL HEATER

EX EXIT SIGN

FMC FLEXIBLE METAL CONDUIT

G GROUND

GC GENERAL CONTRACTOR

GFI GROUND FAULT INTERRUPTER

MC MECHANICAL CONTRACTOR

MCA MINIMUM CIRCUIT AMPACITY

MCB MAIN CIRCUIT BREAKER

MDS MAIN DISCONNECT SWITCH

MDP MAIN DISTRIBUTION PANEL

N NEUTRAL

NIC NOT IN CONTRACT

OEM ORIGINAL EQUIPMENT MANU.

PC PLUMBING CONTRACTOR

PE PHOTOCELL

PVC POLYVINYL CHLORIDE PIPE

PNL PANELBOARD

RSC RIGID STEEL CONDUIT

RTU ROOF TOP UNIT SA SURGE ARRESTER

UON UNLESS OTHERWISE NOTED

VAC VOLTAGE AC

W WET LOCATION RATED

WIR WIRE (SIZE/RATING)

NC DPI COMMENTS

cilitie

CONSULTANTS:

SUD ASSOCIATES, P.A.

CONSULTING ENGINEERS

PROJECT #19242

90 SOUTHSIDE AVE. SUITE 30

ASHEVILLE, NC 28801

(828) 255-4691

1813 CHAPEL HILL ROAD DURHAM, NC 27707

(919) 493-5277

LICENSE NO. C-0315

BUNCOMBE COUNTY SCHOOLS

ELEVATING YOUNG MINDS

ENKA HIGH SCHOOL

IN THE AUDITORIUM

475 ENKA LAKE ROAD

PROPOSED

CANDLER, NC

SOUND ROOM

ELECTRICAL -**GENERAL**

> DRAWN BY: PSD DATE: 03.18.2020

