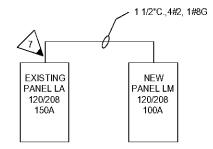


2 LOCAL SOUND SYSTEM - JOSEY GYMNASIUM  
E110 SCALE: 1/8" = 1'-0"



3 PARTIAL RISER DIAGRAM  
E110 SCALE: NONE

INDOOR/OUTDOOR HEAT PUMP ELECTRICAL CONNECTION SCHEDULE

EQUIPMENT	VOLTS (V)	PH	MVA(A)	HP	KW	VA	CIRCUIT		BREAKER		FEEDER		NOTES	DISCONNECT					
							PANEL	#	AMPS	POLES	QTY	SIZE			QTY	AWG	QTY	AWG	
BHP-1	208	1	1.00			166							A -	TOGGLE SWITCH					
BHP-2	208	1	1.00			166							A -	TOGGLE SWITCH					
BHP-3	208	1	1.00			166							A -	TOGGLE SWITCH					
BHP-4	208	1	1.00			166							A -	TOGGLE SWITCH					
OHP-6	208	1	12.00			1997	LM	1	15	2	1	3/4"	2	12	1	12	B	-	3002/SR
OHP-7	208	1	12.00			1997	LM	5	15	2	1	3/4"	2	12	1	12	B	-	3002/SR
OHP-8	208	1	12.00			1997	LM	9	15	2	1	3/4"	2	12	1	12	B	-	3002/SR
OHP-9	208	1	12.00			1997	LM	11	15	2	1	3/4"	2	12	1	12	B	-	3002/SR

NOTES:  
A INDOOR UNIT IS FED FROM OUTDOOR UNIT. ROUTE 3"FC, 3#12 FROM OUTDOOR UNIT TO INDOOR UNIT. PROVIDE TOGGLE SWITCH AT INDOOR UNIT AND LOCATE ADJACENT TO UNIT.  
B SEE DETAIL 06802 FOR DISCONNECT ROUGH IN.

1 POWER PLAN - JOSEY GYM RENOVATION  
E110 SCALE: 1/8" = 1'-0"

- GENERAL NOTES:**
- COORDINATE EXACT LOCATIONS OF ALL WALL MOUNTED DEVICES WITH ARCHITECTURAL INTERIOR ELEVATIONS.
  - COORDINATE EXACT LOCATION OF HAND DRYERS WITH ARCHITECTURAL PLANS.
  - REFER TO MECHANICAL CONNECTIONS SCHEDULE FOR CIRCUIT, WIRE, CONDUIT AND ELECTRICAL CHARACTERISTICS.
  - COORDINATE EXACT LOCATION OF ALL MECHANICAL UNITS WITH MECHANICAL PRIOR TO ROUGHING-IN.
  - ALL EXTERIOR DISCONNECTS SHALL BE NEMA 3R RATED.
  - PROVIDE CONDUIT AND BACK BOXES AS SHOWN ON DETAIL 2/E561 AT ALL THERMOSTAT LOCATIONS. SEE MECHANICAL DRAWINGS FOR QUANTITY AND LOCATING OF ALL THERMOSTAT LOCATIONS AND FOR THERMOSTAT HEIGHTS.
  - SEE E-402 FOR LOCAL SOUND SYSTEM LEGEND.

- KEYED NOTES:**
- SHOW ACTUAL SOUND PROJECTION INTO SEATS.
  - MOUNT AT MINIMUM OF 21" ABOVE FINISHED FLOOR. COORDINATE EXACT HEIGHT WITH EXISTING CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS. THIS IS THE ACTUAL SPEAKER LOCATION. TO BE MOUNTED ON SWIVEL MOUNT AND ACHIEVE PROJECTION SHOWN INTO SEATS BY KEYNOTE 1. PROVIDE ALL MOUNTING ACCESSORIES. VERIFY MOUNTING HEIGHT WITH STRUCTURE.
  - MOUNT AT A MINIMUM OF 21" ABOVE FINISHED FLOOR. COORDINATE EXACT HEIGHT WITH EXISTING CONDITIONS AND MANUFACTURER'S RECOMMENDATIONS. THIS IS THE ACTUAL SPEAKER LOCATION. TO BE PERMANENTLY MOUNTED. PROVIDE ALL MOUNTING ACCESSORIES. VERIFY MOUNTING HEIGHT WITH STRUCTURE.
  - PROVIDE CONTROL MODULE TO CUT POWER TO LOCAL SOUND SYSTEM UPON FIRE ALARM ACTIVITY.
  - ALL LOW VOLTAGE WIRING IN THIS AREA IS TO BE INSTALLED IN CONDUIT PER SPECIFICATIONS. BUNDLING OF CABLING WILL NOT BE ACCEPTABLE.
  - ELECTRIC WATER CLOSER. SEE DETAIL 2/E100.
  - PROVIDE NEW 100 AMP/3 POLE BREAKER IN EXISTING PANEL LA TO FEED NEW PANEL LM. LOCATE 20 AMP/1 POLE CIRCUITS LA-34 AND LA-36 TO NEW PANEL LM AS REQUIRED TO INSTALL NEW 100 AMP/3 POLE.
  - PROVIDE 1" EMT FOR MICROPHONE WIRES, 1/2" EMT FOR 120 VOLT CIRCUIT, AND 1 1/2" EMT FOR SCOREBOARD CONTROLS FROM ABOVE CEILING AT STRUCTURE DOWN TO 10" AND TURN THRU WALL WITH FITTING.
  - SUPPORT CABLES BELOW BLEACHERS TO ALLOW CABLE TO RETREAT WITH BLEACHERS.
  - PROVIDE CORD PROTECTOR WITH CABLE COMPARTMENT FOR ROUTING CABLE ACROSS FLOOR TO SCORER'S TABLE.
  - PLUG ADAPTER (E-8) PER SPECS INTO MIC OUTLET FOR CONTROL OF SOUND SYSTEM AND ADDITIONAL INPUTS.



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PROJECT TITLE:  
**MURPHEY  
MIDDLE  
SCHOOL P.E.  
BUILDING  
PROJECT #  
B-17-005-3756.1**

REVISIONS

REV #	DATE	APPRD BY	REVISION
1	11/02/18	MAP	STATE FINAL
2	11/20/18	MAP	ISSUE FOR BID



DA PROJECT NUMBER & NAME:  
1707.1

DRAWING TITLE:  
**POWER AND  
LOCAL SOUND  
SYSTEM PLAN -  
JOSEY GYM  
RENOVATION**

**E110**