

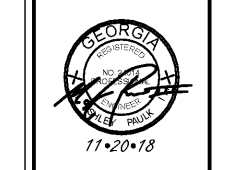
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PROJECT TITLE:
**MURPHEY
MIDDLE
SCHOOL P.E.
BUILDING
PROJECT #
B-17-005-3756.1**

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



DA PROJECT NUMBER & NAME:
1707.1

DRAWING TITLE:
**LIGHTING AND
INTERCOM PLAN
- JOSEY GYM
RENOVATION**

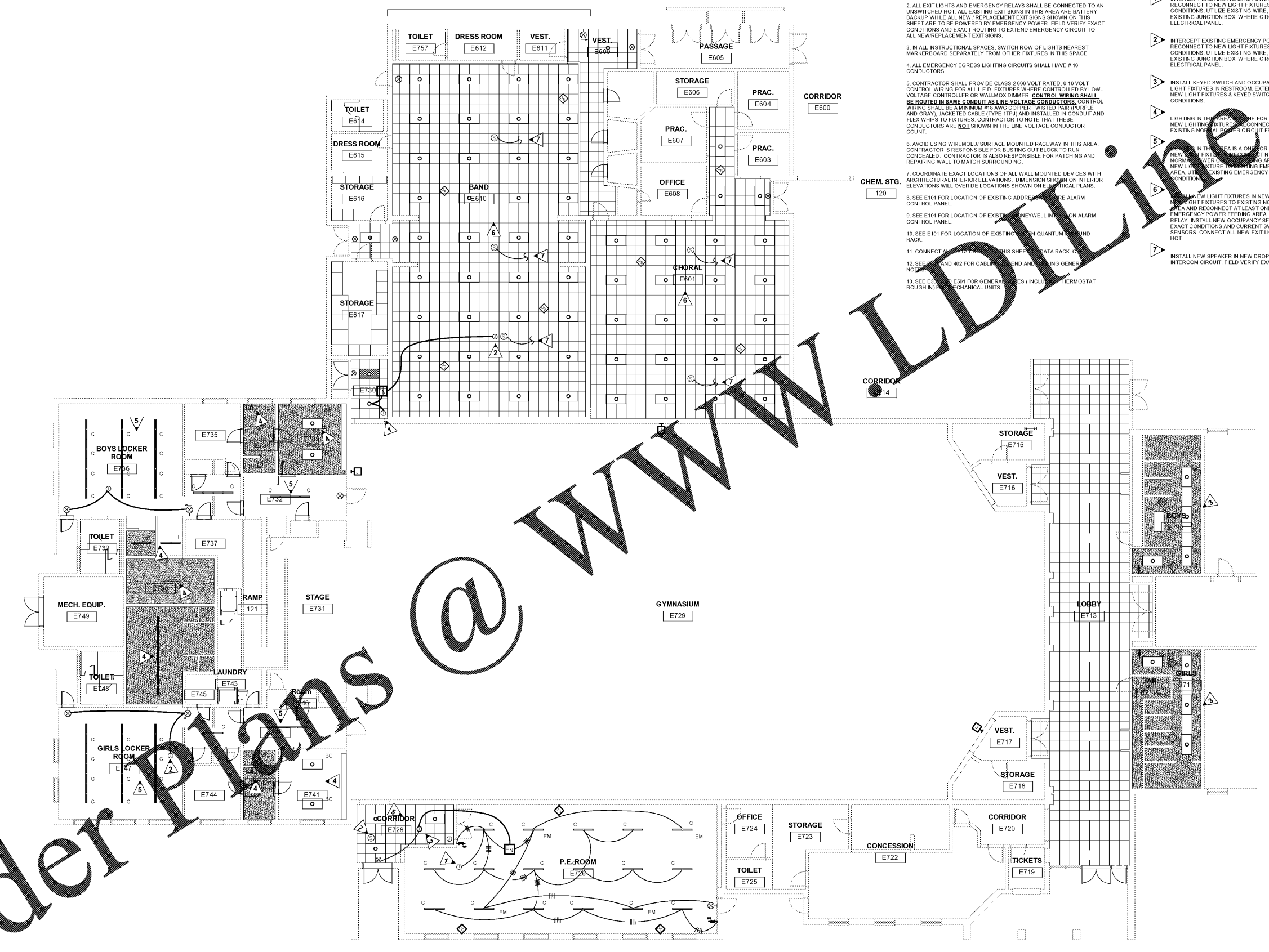
DRAWING NO.:
E109

GENERAL NOTES:

1. ALL 2X4 FIXTURES SHALL BE TYPE A UNLESS NOTED OTHERWISE.
2. ALL EXIT LIGHTS AND EMERGENCY RELAYS SHALL BE CONNECTED TO AN UNSWITCHED HOT. ALL EXISTING EXIT SIGNS IN THIS AREA ARE BATTERY BACKUP WHILE ALL NEW / REPLACEMENT EXIT SIGNS SHOWN ON THIS SHEET ARE TO BE POWERED BY EMERGENCY POWER. FIELD VERIFY EXACT CONDITIONS AND EXACT ROUTING TO EXTEND EMERGENCY CIRCUIT TO ALL NEW / REPLACEMENT EXIT SIGNS.
3. IN ALL INSTRUCTIONAL SPACES, SWITCH ROW OF LIGHTS NEAREST MARKERBOARD SEPARATELY FROM OTHER FIXTURES IN THIS SPACE.
4. ALL EMERGENCY EGRESS LIGHTING CIRCUITS SHALL HAVE # 10 CONDUCTORS.
5. CONTRACTOR SHALL PROVIDE CLASS 2 600 VOLT RATED, 0-10 VOLT CONTROL WIRING FOR ALL L.E.D. FIXTURES WHERE CONTROLLED BY LOW-VOLTAGE CONTROLLER OR WALLMOUNT DIMMER. CONTROL WIRING SHALL BE ROUTED IN SAME CONDUIT AS LINE-VOLTAGE CONDUCTORS. CONTROL WIRING SHALL BE A MINIMUM #18 AWG COPPER TWISTED PAIR (PURPLE AND GRAY), JACKETED CABLE (TYPE 1TPJ) AND INSTALLED IN CONDUIT AND FLEX WHIPS TO FIXTURES. CONTRACTOR TO NOTE THAT THESE CONDUCTORS ARE NOT SHOWN IN THE LINE VOLTAGE CONDUCTOR COUNT.
6. AVOID USING WIREMOLD / SURFACE MOUNTED RACEWAY IN THIS AREA. CONTRACTOR IS RESPONSIBLE FOR BUSTING OUT BLOCK TO RUN CONCEALED. CONTRACTOR IS ALSO RESPONSIBLE FOR PATCHING AND REPAIRING WALL TO MATCH SURROUNDING.
7. COORDINATE EXACT LOCATIONS OF ALL WALL MOUNTED DEVICES WITH ARCHITECTURAL INTERIOR ELEVATIONS. DIMENSION SHOWN ON INTERIOR ELEVATIONS WILL OVERRIDE LOCATIONS SHOWN ON ELECTRICAL PLANS.
8. SEE E101 FOR LOCATION OF EXISTING ADDRESS FOR THE ALARM CONTROL PANEL.
9. SEE E101 FOR LOCATION OF EXISTING KEYWELL IN THE ALARM CONTROL PANEL.
10. SEE E101 FOR LOCATION OF EXISTING QUANTUM SOUND RACK.
11. CONNECT ALL DATA RACKS TO THIS SHEET DATA RACK 120.
12. SEE E101 AND 402 FOR CABLE TEND AND CABLE TEND GENERAL NOTES.
13. SEE E301 AND E501 FOR GENERAL NOTES (INCL. THERMOSTAT ROUGH IN).

KEYED NOTES:

1. INTERCEPT EXISTING NORMAL POWER CIRCUIT AT JUNCTION BOX AT RECONNECT TO NEW LIGHT FIXTURES AS SHOWN. FIELD VERIFY EXACT CONDITIONS. UTILIZE EXISTING WIRE, CONDUITS, AND CIRCUITS FROM EXISTING JUNCTION BOX WHERE CIRCUIT IS BEING INTERCEPTED BACK TO ELECTRICAL PANEL.
2. INTERCEPT EXISTING EMERGENCY POWER CIRCUIT AT JUNCTION BOX. RECONNECT TO NEW LIGHT FIXTURES AS SHOWN. FIELD VERIFY EXACT CONDITIONS. UTILIZE EXISTING WIRE, CONDUITS, AND CIRCUITS FROM EXISTING JUNCTION BOX WHERE CIRCUIT IS BEING INTERCEPTED BACK TO ELECTRICAL PANEL.
3. INSTALL KEYED SWITCH AND OCCUPANCY SENSORS TO CONTROL LIGHT FIXTURES IN RESTROOM. EXTEND CONDUCTORS AND GROUND NEW LIGHT FIXTURES & KEYED SWITCH AS SHOWN. FIELD VERIFY EXACT CONDITIONS.
4. LIGHTING IN THIS AREA IS FOR ONE REPLACEMENT OF EXISTING TO NEW LIGHTING FIXTURES. RECONNECT NEW LIGHTING FIXTURES TO EXISTING NORMAL POWER CIRCUIT FEEDING AREA.
5. LIGHTING IN THIS AREA IS A ONE FOR ONE REPLACEMENT OF EXISTING TO NEW LIGHTING FIXTURES. RECONNECT NEW LIGHT FIXTURES TO EXISTING NORMAL POWER CIRCUIT FEEDING AREA AND RECONNECT AT LEAST ONE NEW LIGHT FIXTURE TO EXISTING EMERGENCY POWER CIRCUIT FEEDING AREA. UTILIZE EXISTING EMERGENCY RELAY. FIELD VERIFY EXACT CONDITIONS.
6. RECONNECT NEW LIGHT FIXTURES IN NEW DROP TILE CEILING. RECONNECT EXISTING LIGHT FIXTURES TO EXISTING NORMAL POWER CIRCUIT FEEDING AREA AND RECONNECT AT LEAST ONE NEW LIGHT FIXTURE TO EXISTING EMERGENCY POWER FEEDING AREA. UTILIZE EXISTING EMERGENCY RELAY. INSTALL NEW OCCUPANCY SENSORS AS SHOWN. FIELD VERIFY EXACT CONDITIONS AND CURRENT SWITCHING SCHEME FOR OCCUPANCY SENSORS. CONNECT ALL NEW EXIT LIGHTS TO UNSWITCHED EMERGENCY HOT.
7. INSTALL NEW SPEAKER IN NEW DROP TILE CEILING. CONNECT TO NEAREST INTERCOM CIRCUIT. FIELD VERIFY EXACT CONDITIONS.



1 LIGHTING AND INTERCOM PLAN - JOSEY GYM RENO.
E109 SCALE: 1/8" = 1'-0"

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