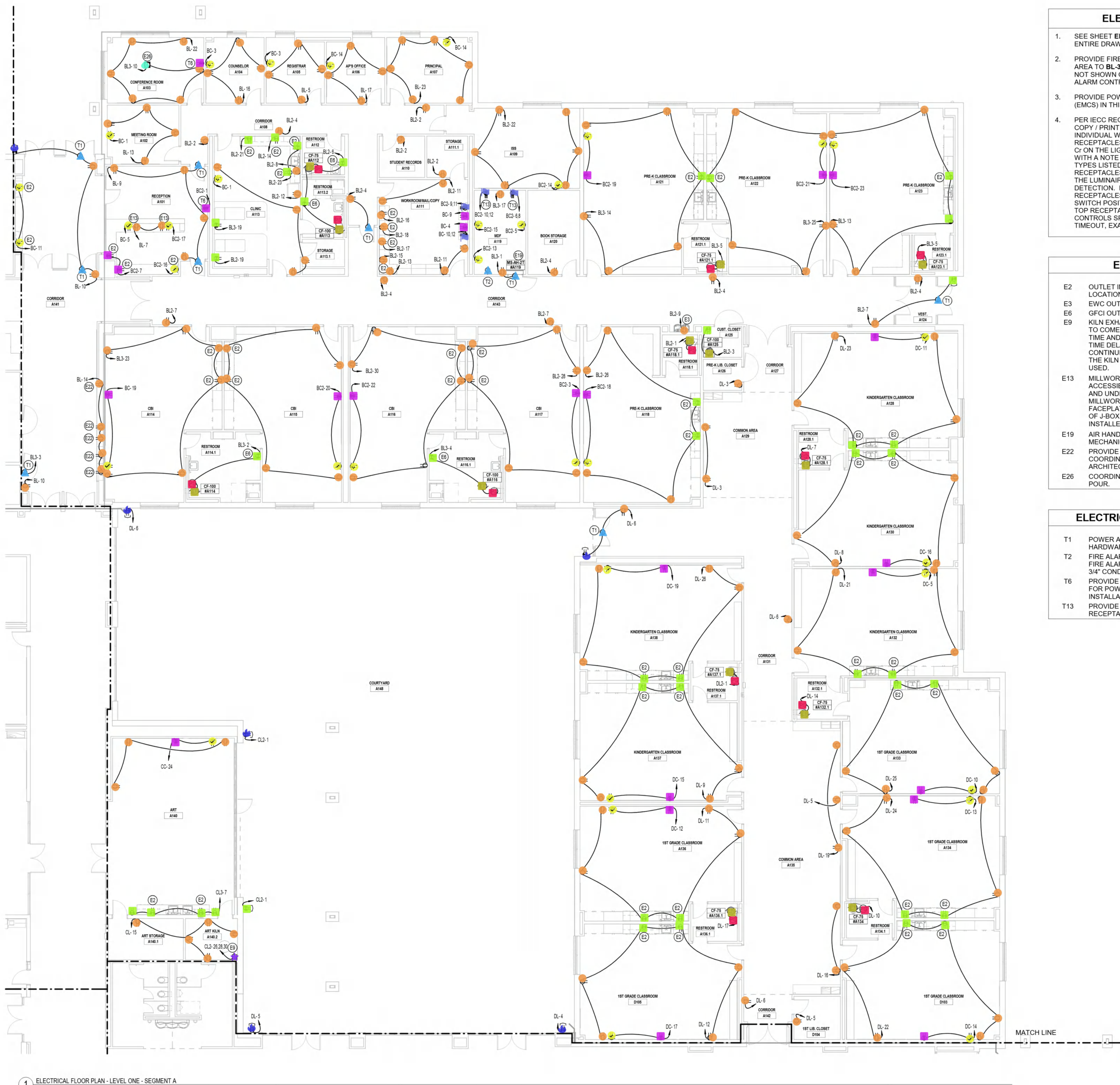




1 ELECTRICAL FLOOR PLAN - LEVEL ONE - SEGMENT A
1/8" = 1'-0"

ELECTRICAL GENERAL NOTES

- SEE SHEET **EP07-01** FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.
- PROVIDE FIRE ALARM SYSTEM CONTROL UNIT POWER IN THIS AREA TO **BL-3**. REMOTE POWER SUPPLY AMPLIFIER PANELS ARE NOT SHOWN ON FIRE ALARM DRAWINGS. COORDINATE WITH FIRE ALARM CONTRACTOR FOR LOCATIONS.
- PROVIDE POWER TO ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) IN THIS AREA FROM CIRCUIT **BL-4**.
- PER IECC REQUIREMENTS, IN ALL OFFICES, CONFERENCE ROOMS, COPY / PRINT ROOMS, BREAKROOMS, CLASSROOMS AND ALL INDIVIDUAL WORKSTATIONS, PROVIDE SPLIT SWITCHED RECEPTACLES. SOME SAMPLE SPACES MAY BE INDICATED WITH A **Cr** ON THE LIGHTING CONTROLS DIAGRAM AND / OR INDICATED WITH A NOTE ON THE ELECTRICAL FLOOR PLANS. ALL SPACE TYPES LISTED ABOVE SHALL HAVE A MOTION SENSOR AND ALL RECEPTACLES IN THESE SPACES SHALL BE SPLIT SWITCHED WITH THE LUMINAIRES IN THE SPACE BASED ON OCCUPANCY DETECTION. IF AN OCCUPANT IS IN THE SPACE, THE RECEPTACLES SHALL REMAIN ON REGARDLESS OF LUMINAIRE SWITCH POSITION. WHEN OCCUPANTS LEAVE THE SPACE, THE TOP RECEPTACLE SHALL BE TURNED OFF. REFER TO LIGHTING CONTROLS SPECIFICATIONS AND THE IECC FOR ACCEPTABLE TIMEOUT, EXACT CONTROLS, ETC.

ELECTRICAL PLAN NOTES

- E2 OUTLET INSTALLED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- E3 EWC OUTLET INSTALLED 20" A.F.F. - ON GFCI BREAKER.
- E6 GFCI OUTLET INSTALLED 44" A.F.F.
- E9 KILN EXHAUST FAN - WHEN KILN IS TURNED ON, EXHAUST FAN IS TO COME ON AND RUN CONTINUOUSLY DURING KILN RUNNING TIME AND FOR TWO HOURS AFTER KILN TURNS OFF. PROVIDE A TIME DELAY RELAY SET TO TURN ON FOR TWO HOURS AND CONTINUE TO RUN EXHAUST FAN AFTER KILN HAS TURNED OFF. THE KILN TIMER MADE FOR THE EXHAUST FAN MAY ALSO BE USED.
- E13 MILLWORK RECEPTACLES - PROVIDE A 1" CONDUIT FROM ACCESSIBLE ATTIC SPACE; RUN DOWN INSIDE NEAREST WALL AND UNDER SLAB TO J-BOXES. RUN CONDUIT CONCEALED IN MILLWORK TO OUTLETS SHOWN. DO NOT INSTALL OUTLET FACEPLATE FACING UP IN MILLWORK. VERIFY EXACT LOCATION OF J-BOX PRIOR TO CONCRETE POUR WITH FURNITURE INSTALLER.
- E19 AIR HANDLER TO BE POWERED FROM AIR CONDENSER. SEE MECHANICAL SCHEDULE FOR MORE INFORMATION.
- E22 PROVIDE AND INSTALL RECEPTACLES IN TROPHY CASE. COORDINATE EXACT LOCATION AND INSTALL HEIGHT WITH ARCHITECT.
- E26 COORDINATE EXACT LOCATION OF FLOOR BOX PRIOR TO SLAB POUR.

ELECTRICAL TECHNOLOGY PLAN NOTES

- T1 POWER ABOVE CEILING FOR ELECTRIC DOOR RELEASE HARDWARE FOR CONNECTION TO BUILDING ACCESS SYSTEM.
- T2 FIRE ALARM PANEL. PROVIDE CONDUITS TO ATTIC SPACE PER FIRE ALARM CONTRACTOR SHOP DRAWINGS. INSTALL EMPTY 3/4" CONDUIT TO ATTIC SPACE FOR FUTURE.
- T6 PROVIDE AND INSTALL OUTLET AT THIS APPROXIMATE LOCATION FOR POWER TO FLAT SCREEN TV. COORDINATE EXACT INSTALLATION HEIGHT WITH TECHNOLOGY.
- T13 PROVIDE A HUBBELL TWIST-LOCK L6-30 (208V 30A) #G2620 RECEPTACLE OR EQUAL.

● Count

● Receptacle-Duplex

■ Non-Linear Receptacle- Duplex

● Non-Linear Receptacle-Quad

■ GFCI Receptacle- Duplex

● Waterproof GFCI receptacle - Duplex

■ Non-Linear Twistlock Multipole

180EA

25EA

34EA

43EA

6EA

4EA

★ Disconnet/Safety Switch

▲ Junction Box

■ Exhaust Fan

■ Plumbing Sensor

● 4Gang(RFB4/CFB4) w/ 2x Duplex

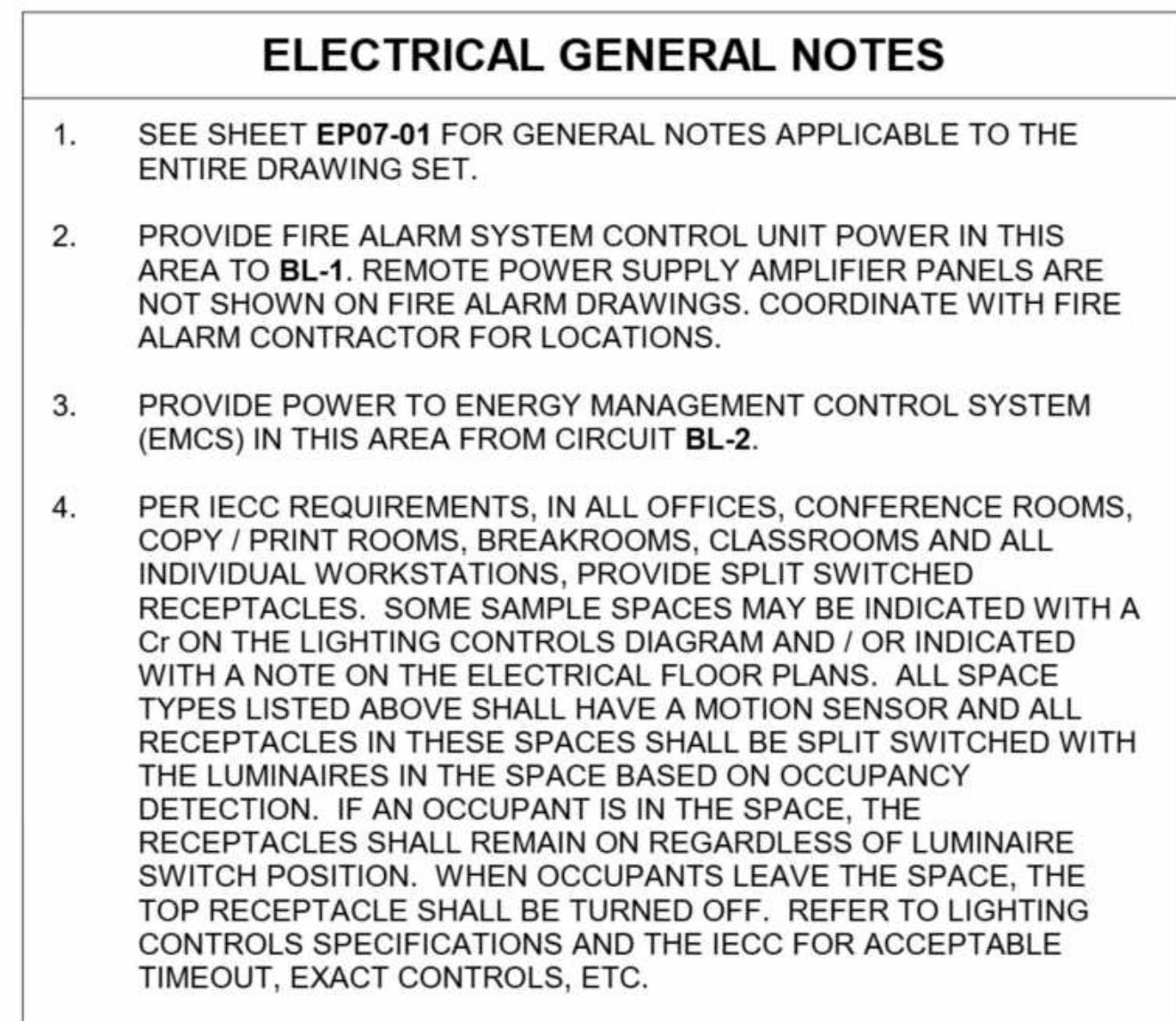
1EA

10EA

13EA

12EA

1EA



E2 OUTLET INSTALLED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.

E3 EWC OUTLET INSTALLED 20" A.F.F. - ON GFCI BREAKER.

E4 GFCI OUTLET INSTALLED 44" A.F.F.

E7 HAND DRYER - COORDINATE EXACT INSTALLATION HEIGHT WITH ARCHITECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

E13 MILLWORK RECEPTACLES - PROVIDE A 1" CONDUIT FROM ACCESSIBLE ATTIC SPACE, RUN DOWN INSIDE NEAREST WALL AND UNDER SLAB TO J-BOXES. RUN CONDUIT CONCEALED IN MILLWORK TO OUTLETS SHOWN. DO NOT INSTALL OUTLET RECEPTACLE FACILITATOR. VERIFY EXACT LOCATION OF J-BOX PRIOR TO CONCRETE POUR WITH FURNITURE INSTALLER.

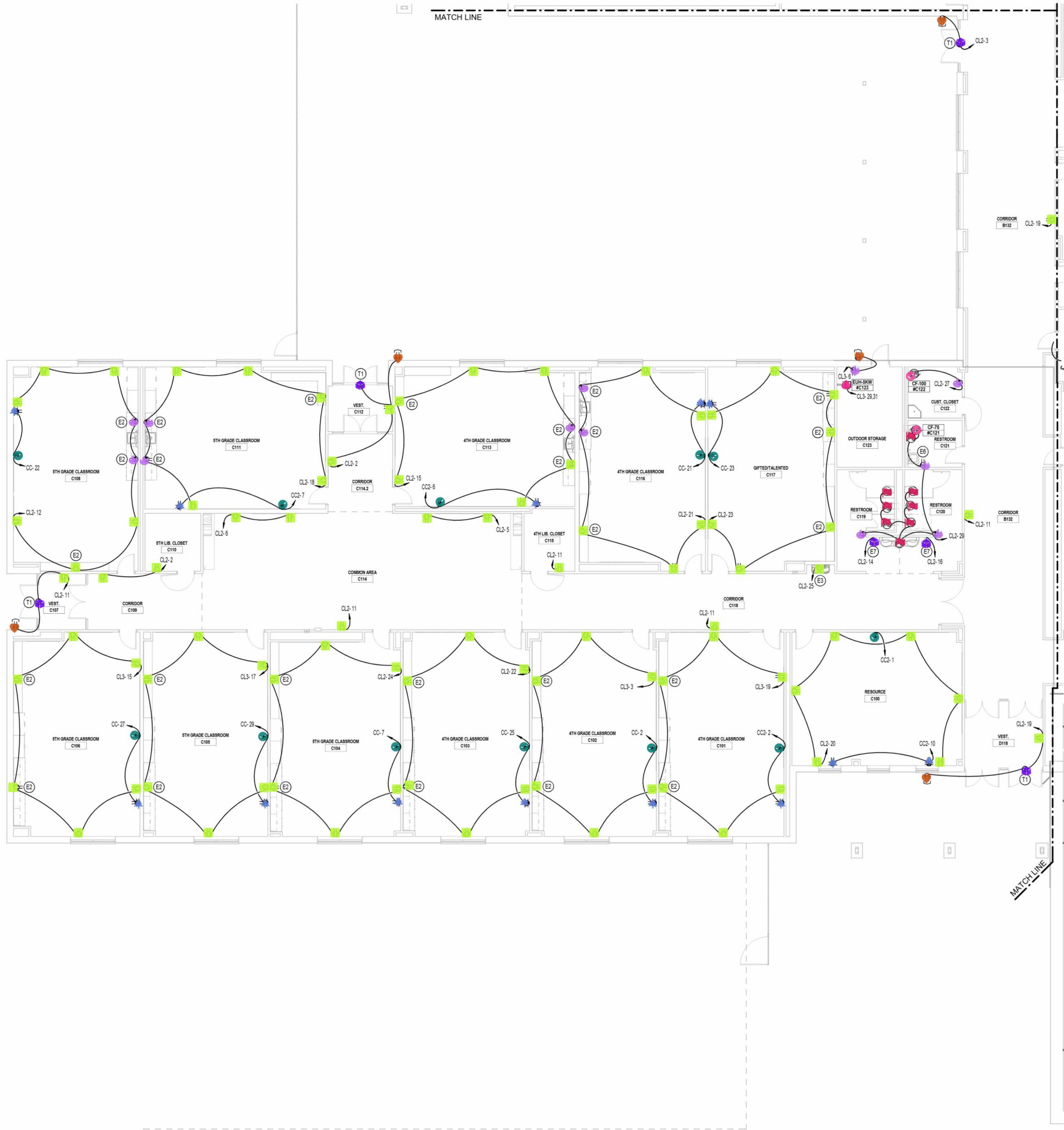
E19 AIR HANDLER TO BE POWERED FROM AIR CONDENSER. SEE MECHANICAL SCHEDULE FOR MORE INFORMATION.

E24 PROVIDE POWER FOR MOTORIZED SHADES. COORDINATE EXACT LOCATION OF MOTORIZED SWITCHES WITH ARCHITECT. PROVIDE A MOMENTARY SWITCH TO CONTROL SHADES AS REQUIRED BY MANUFACTURER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS OF MOTORIZED SHADES WITH MANUFACTURER. COORDINATE EXACT QUANTITY OF MOTORIZED SHADES AND SWITCHES WITH ARCHITECT. BASIS OF DESIGN FOR MOTORIZED SHADES IS 120V 3A PER SHADE.

T1	POWER ABOVE CEILING FOR ELECTRIC DOOR RELEASE HARDWARE FOR CONNECTION TO BUILDING ACCESS SYSTEM.
T13	PROVIDE A HUBBELL TWIST-LOCK L6-30 (208V 30A) #IG2620 RECEPTACLE OR EQUAL.

- | Count | | | | |
|-------------------------------------|-------|--------------------------------|------|--|
| Exhaust Fan | 2EA | Duplex Receptacel w/ Dual USB | 3EA | |
| Plubing Sensors | 8EA | Non-Linear Twistlock Multipole | 2EA | |
| Receptacle-Duplex | 122EA | Disconnet/Safety Switch | 1EA | |
| Non Linear Receptacel- Duplex | 15EA | Water Heater | 1EA | |
| Non Linear Receptacel- Quad | 38EA | Motor w/Motor-Rated Switch | 10EA | |
| GFCI Receptacel- Duplex | 10EA | Pump | 1EA | |
| Junction Box | 7EA | Motor Toggle Switch | 1EA | |
| Waterproof GFCI receptacel - Duplex | 3EA | | | |

1 ELECTRICAL FLOOR PLAN - LEVEL ONE - SEGMENT C
1/8" = 1'-0"



ELECTRICAL GENERAL NOTES

- SEE SHEET **EP07-01** FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.
- PROVIDE FIRE ALARM SYSTEM CONTROL UNIT POWER IN THIS AREA TO **CL-1**. REMOTE POWER SUPPLY AMPLIFIER PANELS ARE NOT SHOWN ON FIRE ALARM DRAWINGS. COORDINATE WITH FIRE ALARM CONTRACTOR FOR LOCATIONS.
- PROVIDE POWER TO ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) IN THIS AREA FROM CIRCUIT **CL-2**.
- PER IECC REQUIREMENTS, IN ALL OFFICES, CONFERENCE ROOMS, COPY / PRINT ROOMS, BREAKROOMS, CLASSROOMS AND ALL INDIVIDUAL WORKSTATIONS, PROVIDE SPLIT SWITCHED RECEPTACLES. SOME SAMPLE SPACES MAY BE INDICATED WITH A **CL** ON THE LIGHTING CONTROLS DIAGRAM AND / OR INDICATED WITH A NOTE ON THE ELECTRICAL FLOOR PLANS. ALL SPACE TYPES LISTED ABOVE SHALL HAVE A MOTION SENSOR AND ALL RECEPTACLES IN THESE SPACES SHALL BE SPLIT SWITCHED WITH THE LUMINAIRES IN THE SPACE BASED ON OCCUPANCY DETECTION. IF AN OCCUPANT IS IN THE SPACE, THE RECEPTACLES SHALL REMAIN ON REGARDLESS OF LUMINAIRE SWITCH POSITION. WHEN OCCUPANTS LEAVE THE SPACE, THE TOP RECEPTACLE SHALL BE TURNED OFF. REFER TO LIGHTING CONTROLS SPECIFICATIONS AND THE IECC FOR ACCEPTABLE TIMEOUT, EXACT CONTROLS, ETC.

ELECTRICAL PLAN NOTES

- E2 OUTLET INSTALLED 6" ABOVE MILLWORK SPLASH. VERIFY EXACT LOCATION WITH ARCHITECTURAL DRAWINGS.
- E3 EWC OUTLET INSTALLED 20" A.F.F. - ON GFCI BREAKER.
- E6 GFCI OUTLET INSTALLED 44" A.F.F.
- E7 HAND DRYER - COORDINATE EXACT INSTALLATION HEIGHT WITH ARCHITECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.

ELECTRICAL TECHNOLOGY PLAN NOTES

- T1 POWER ABOVE CEILING FOR ELECTRIC DOOR RELEASE HARDWARE FOR CONNECTION TO BUILDING ACCESS SYSTEM.

Count

Receptacle-Duplex

GFCI Receptacle - Duplex

Waterproof GFCI receptacel - Duplex

Non Linear Receptacle - Duplex

Non Linear Receptacel- Quad

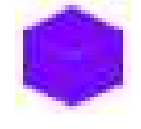
87EA

12EA

5EA

12EA

13EA



Junction Box



Plumbing Sensor



Exhaust Fan



Disconnet/Safety Switch

6EA

8EA

2EA

1EA

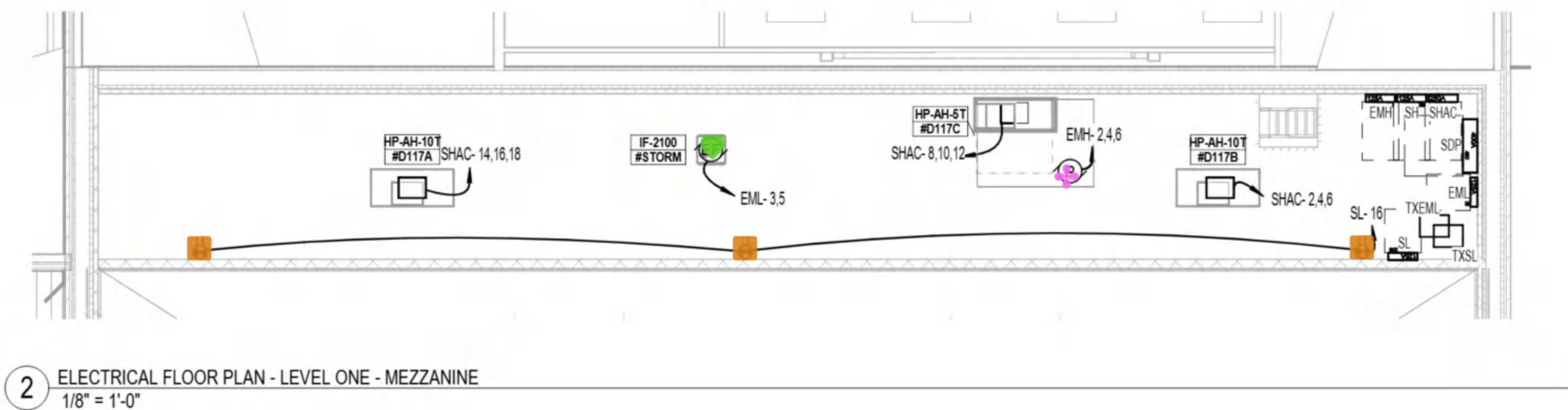


- ### ELECTRICAL GENERAL NOTES
- SEE SHEET EP07-01 FOR GENERAL NOTES APPLICABLE TO THE ENTIRE DRAWING SET.
 - PROVIDE FIRE ALARM SYSTEM CONTROL UNIT POWER IN THIS AREA TO DL-2 AND SL-2 FOR GYM. REMOTE POWER SUPPLY AMPLIFIER PANELS ARE NOT SHOWN ON FIRE ALARM DRAWINGS. COORDINATE WITH FIRE ALARM CONTRACTOR FOR LOCATIONS.
 - PROVIDE POWER TO ENERGY MANAGEMENT CONTROL SYSTEM (EMCS) IN THIS AREA FROM CIRCUIT DL-1 AND EML-01 ON STORM SHELTER AREA.
 - PER IECC REQUIREMENTS, IN ALL OFFICES, CONFERENCE ROOMS, COPY / PRINT ROOMS, BREAKROOMS, CLASSROOMS AND ALL INDIVIDUAL WORKSTATIONS, PROVIDE SPLIT SWITCHED RECEPTACLES. SOME SAMPLE SPACES MAY BE INDICATED WITH A 'C' ON THE LIGHTING CONTROLS DIAGRAM AND / OR INDICATED WITH A NOTE ON THE ELECTRICAL FLOOR PLANS. ALL SPACE TYPES LISTED ABOVE SHALL HAVE A MOTION SENSOR AND ALL RECEPTACLES IN THESE SPACES SHALL BE SPLIT SWITCHED WITH THE LUMINAIRES IN THE SPACE BASED ON OCCUPANCY DETECTION. IF AN OCCUPANT IS IN THE SPACE, THE RECEPTACLES SHALL REMAIN ON REGARDLESS OF LUMINAIRE SWITCH POSITION. WHEN OCCUPANTS LEAVE THE SPACE, THE TOP RECEPTACLE SHALL BE TURNED OFF. REFER TO LIGHTING CONTROLS SPECIFICATIONS AND THE IECC FOR ACCEPTABLE TIMEOUT, EXACT CONTROLS, ETC.

- ### ELECTRICAL PLAN NOTES
- E2 OUTLET INSTALLED 6\"/>
- E3 EWC OUTLET INSTALLED 20\"/>
- E7 HAND DRYER - COORDINATE EXACT INSTALLATION HEIGHT WITH ARCHITECT. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- E8 INSTALL OUTLET HORIZONTALLY IN TOE SPACE. RUN CONDUIT CONCEALED IN WALL.
- E13 MILLWORK RECEPTACLES - PROVIDE A 1\"/>
- E17 PROVIDE POWER TO STORM SHELTER CONTROLS.
- E18 PROVIDE POWER FOR MOTORIZED PROJECTION SCREEN. PROVIDE A MOMENTARY SWITCH TO CONTROL SCREEN. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF SWITCH.
- E19 AIR HANDLER TO BE POWERED FROM AIR CONDENSER. SEE MECHANICAL SCHEDULE FOR MORE INFORMATION.
- E24 PROVIDE POWER FOR MOTORIZED SHADES. COORDINATE EXACT LOCATION OF MOTORIZED SHADES WITH ARCHITECT. PROVIDE A MOMENTARY SWITCH TO CONTROL SHADES AS REQUIRED BY MANUFACTURER. ELECTRICAL CONTRACTOR TO COORDINATE EXACT ELECTRICAL REQUIREMENTS OF MOTORIZED SHADES WITH MANUFACTURER. COORDINATE EXACT QUANTITY OF MOTORIZED SHADES AND SWITCHES WITH ARCHITECT. BASIS OF DESIGN FOR MOTORIZED SHADES IS 120V 3A PER SHADE.

- ### ELECTRICAL GYM PLAN NOTES
- G4 SCOREBOARD J-BOX AND POWER OUTLET. J-BOX IS 4\"/>

- ### ELECTRICAL TECHNOLOGY PLAN NOTES
- T1 POWER ABOVE CEILING FOR ELECTRIC DOOR RELEASE HARDWARE FOR CONNECTION TO BUILDING ACCESS SYSTEM.
- T3 PROVIDE CEILING INSTALLED OUTLET FOR PROJECTOR. REFER TO CEILING MOUNTED DEVICES DETAIL FOR INSTALLATION. COORDINATE EXACT OUTLET LOCATION WITH TECHNOLOGY BEFORE INSTALLATION.
- T5 PROVIDE J-BOX ABOVE CEILING FOR PROJECTOR SOUND AMPLIFIER. COORDINATE EXACT REQUIREMENTS WITH AV CONTRACTOR/OWNER.
- T6 PROVIDE AND INSTALL OUTLET AT THIS APPROXIMATE LOCATION FOR POWER TO FLAT SCREEN TV. COORDINATE EXACT INSTALLATION HEIGHT WITH TECHNOLOGY.



- | | | | |
|---------------------------------------|------|------------------------------|-----|
| ▲ Count | 77EA | ☑ Supply Fan | 1EA |
| ▲ Receptacle-Duplex | 21EA | ⊕ Pump | 2EA |
| ■ GFCI Receptacle -Duplex | 4EA | ▲ Motor w/Motor-Rated Switch | 7EA |
| ■ Waterproof GFCI receptacle - Duplex | 12EA | ● Disconnet/Safety Switch | 2EA |
| ■ Junction Box | 13EA | ▲ Multi-Pole Receptacle | 2EA |
| ■ Non Linear Receptacle- Quad | 6EA | ▲ Water Heater | 1EA |
| ■ Non Linear Receptacle- Duplex | 1EA | ● Exhaust Fan | 1EA |
| ★ Non-Linear Twistlock Multipole | 13EA | | |
| ● Plumbing Sensor | | | |