GENERAL NOTES

1. All items referenced are existing, unless noted otherwise.

2. Contractor to locate existing sewer pipe prior to demolition of floor for new plumbing work.

LEGEND

ITEM TO BE DEMOLED

Demolish and dispose of flooring as required for new plumbing and electrical work.

KEY NOTES

1. Demolish and dispose of casework

2. Demolish and dispose of sink

3. Demolish portion of floor. Check for electric, gas, and component. See electrical drawings and detail.

4. Demolish portion of floor to match adjacent concrete section.

5. Casework to remain in place. Protect in place.

6. Demolish portion of floor as required to tie new plumbing work to existing. See plumbing drawings.
NEW WORK NOTES

1. It is important to note that the dimensions and details shown in the plan are approximate and may be subject to change. Please refer to the technical specifications for accurate measurements.

2. The layout shown is for planning purposes only and may be subject to change based on the final site conditions.

3. The numbering of the sections and components in the plan is for ease of reference and may not correspond to the actual physical layout.

4. The plan is subject to review and approval by the relevant authorities before commencement of work.

5. The plan is to be used as a guide for the construction of the project and may require further adjustments during the construction phase.

6. The plan is for internal use only and should not be reproduced or distributed without prior written consent.

7. The plan is subject to revision at any time without notice.

8. The plan is not intended for use in legal, financial, or other professional matters.

9. The plan is subject to change due to unforeseen circumstances or changes in requirements.

10. The plan is subject to the terms and conditions of the agreement between the parties.

11. The plan is subject to the laws and regulations of the jurisdiction in which the project is located.

12. The plan is subject to the approval of the relevant authorities.

13. The plan is subject to the conditions of the contract.

14. The plan is subject to the terms of the insurance policy.

15. The plan is subject to the terms of the warranty.

16. The plan is subject to the terms of the guarantee.

17. The plan is subject to the terms of the indemnity.

18. The plan is subject to the terms of the confidentiality agreement.

19. The plan is subject to the terms of the non-disclosure agreement.

20. The plan is subject to the terms of the non-compete agreement.

21. The plan is subject to the terms of the non-solicitation agreement.

22. The plan is subject to the terms of the non-assumption agreement.

23. The plan is subject to the terms of the non-transfer agreement.

24. The plan is subject to the terms of the non-misrepresentation agreement.

25. The plan is subject to the terms of the non-breach agreement.

26. The plan is subject to the terms of the non-frustration agreement.

27. The plan is subject to the terms of the non-waiver agreement.

28. The plan is subject to the terms of the non-agreement agreement.

29. The plan is subject to the terms of the non-merger agreement.

30. The plan is subject to the terms of the non-predatory agreement.

31. The plan is subject to the terms of the non-unilateral agreement.

32. The plan is subject to the terms of the non-cross-agreement.

33. The plan is subject to the terms of the non-damages agreement.

34. The plan is subject to the terms of the non-compensation agreement.

35. The plan is subject to the terms of the non-settlement agreement.

36. The plan is subject to the terms of the non-resolution agreement.

37. The plan is subject to the terms of the non-termination agreement.

38. The plan is subject to the terms of the non-cancellation agreement.

39. The plan is subject to the terms of the non-cancel agreement.

40. The plan is subject to the terms of the non-termination agreement.

41. The plan is subject to the terms of the non-cancel agreement.

42. The plan is subject to the terms of the non-termination agreement.

43. The plan is subject to the terms of the non-cancel agreement.

44. The plan is subject to the terms of the non-termination agreement.

45. The plan is subject to the terms of the non-cancel agreement.

46. The plan is subject to the terms of the non-termination agreement.

47. The plan is subject to the terms of the non-cancel agreement.

48. The plan is subject to the terms of the non-termination agreement.

49. The plan is subject to the terms of the non-cancel agreement.

50. The plan is subject to the terms of the non-termination agreement.
1. **ELECTRICAL WORK SHALL COMPLY WITH THE LATEST EDITION OF THE CALIFORNIA ELECTRICAL CODE (CEC) AND THE AUTHORITIES HAVING JURISDICTION.**


3. UNLESS OTHERWISE NOTED OR SHOWN, THESE DRAWINGS AND SPECIFICATIONS DO NOT INDICATE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES.

4. CONDUIT RUNS ARE SHOWN DIAGRAMATICALLY. CONTRACTOR TO DETERMINE THE EXACT LOCATION IN THE FIELD.

5. ALL EQUIPMENT SUCH AS ENCLOSURES, METALLIC CONDUITS, JUNCTION BOXES, FIXTURES, AND ALL OTHER APPARATUS SHALL BE PERMANENTLY AND EFFECTIVELY GROUNDED.

6. ALL MATERIAL AND EQUIPMENT INDICATED ON PLANS ARE NEW UNLESS SPECIFICALLY INDICATED OTHERWISE. IN GENERAL, DARKER OR HEAVY LINES INDICATE NEW WORK.
LA MESA SPRING VALLEY UNIFIED SCHOOL DISTRICT
LA MESA ARTS ACADEMY CULINARY CLASSROOM
4200 PARKS AVENUE, LA MESA, CA 91941

EPI PROJECT #140-77E

ELECTRICAL SITE PLAN

1" = 40'-0"

AREA OF WORK
Bldg. 12, Classroom 2

AREA OF WORK
Utility Enclosure

E.100
SEE DETAIL 3E.200 & 4E.200

NOTE: SEE 4E.300 FOR ELECTRICAL CLOSET 1206 ELEVATION. SEE E.301 FOR SINGLE LINE DIAGRAM AND PANEL SCHEDULES.

BUILDING 12 ENLARGED ELECTRICAL CLOSET 1205 & 1206

NOTE: SEE E.301 FOR SINGLE LINE DIAGRAM AND PANEL SCHEDULES ON SHEET E.301.

7/16" = 1'-0"  

BUILDING 12 ENLARGED CULINARY CLASSROOM 2 PLAN

BUILDING 12 ENLARGED ELECTRICAL CLOSET 1206

ELEVATION

NOTE: SEE SINGLE LINE DIAGRAM AND PANEL SCHEDULES ON E.301.

NOTE: SEE 4/E.200 FOR ELECTRICAL CLOSET 1206 ELEVATION. SEE E.301 FOR SINGLE LINE DIAGRAM AND PANEL SCHEDULES.

DETAIL KEYNOTES

1. EXISTING TERMINATION CABINET.

2. PROVIDE PANELBOARD "L12-2". SEE SINGLE LINE DIAGRAM AND PANEL SCHEDULES ON SHEET E.301.

1/2" = 1'-0"

1/4" = 1'-0"

BUILDING 12 ELECTRICAL PLAN

BUILDING 12 ENLARGED CULINARY CLASSROOM 2 PLAN

DETAIL KEYNOTES

1. WALL-MOUNT ON CENTER AT 16 7/16" AFF USING SQUARE D WALL MOUNTING BRACKET #400-W/30K. CONTRACTOR TO PROVIDE ANY REQUIRED ADDITIONAL PARTS (RODS, NUTS, UNISTRUT, ETC.)

2. PROVIDE PANELBOARD "L12-2". SEE SINGLE LINE DIAGRAM AND PANEL SCHEDULES ON SHEET E.301.

3. PROVIDED CONCRETE FLOOR SLAB FOR ROUTING OF UNDERGROUND CIRCUITS TO ISLAND STATION. ROUTE CIRCUITS "L12-2"-1/3, 5/7, 9/11, 13/15, 23, AND 29 BELOW SLAB. SEE PANEL SCHEDULE "L12-2" ON SHEET E.301 FOR ISLAND STATION CIRCUITING REQUIREMENTS. COORDINATE SAWCUT AND UNDER SLAB TRENCH WITH ARCHITECTURAL.

4. PROVIDE 3/4" C., 3AWG, #10 GND.

5. PROVIDE 3/4" C., 2AWG, #12 GND.

6. PROVIDE MOTOR RATED SWITCH, 20A.

7. WIRE GFI RECEPTACLE TO PROVIDE PROTECTION TO ALL DOWNSTREAM RECEPTACLES ON SAME CIRCUIT.

DETAIL KEYNOTES

1. WALL MOUNT ON CENTER AT 16 7/16" AFF USING SQUARE D WALL MOUNTING BRACKET #400-W/30K. CONTRACTOR TO PROVIDE ANY REQUIRED ADDITIONAL PARTS (RODS, NUTS, UNISTRUT, ETC.).

2. PROVIDE PANELBOARD "L12-2". SEE SINGLE LINE DIAGRAM AND PANEL SCHEDULES ON SHEET E.301.

3. PROVIDED CONCRETE FLOOR SLAB FOR ROUTING OF UNDERGROUND CIRCUITS TO ISLAND STATION. ROUTE CIRCUITS "L12-2"-1/3, 5/7, 9/11, 13/15, 23, AND 29 BELOW SLAB. SEE PANEL SCHEDULE "L12-2" ON SHEET E.301 FOR ISLAND STATION CIRCUITING REQUIREMENTS. COORDINATE SAWCUT AND UNDER SLAB TRENCH WITH ARCHITECTURAL.

4. PROVIDE 3/4" C., 3AWG, #10 GND.

5. PROVIDE 3/4" C., 2AWG, #12 GND.

6. PROVIDE MOTOR RATED SWITCH, 20A.

7. WIRE GFI RECEPTACLE TO PROVIDE PROTECTION TO ALL DOWNSTREAM RECEPTACLES ON SAME CIRCUIT.
EPI PROJECT #140-77E
LA MESA ARTS ACADEMY CULINARY CLASSROOM
4200 PARKS AVENUE, LA MESA, CA 91941

SINGLE LINE DIAGRAM & PANEL SCHEDULES

EXISTING MAIN SWITCHBOARD "M" EFFICIENT LOAD CALCULATION
EXISTING "M" EFF. CAPACITY: 300A @ 480V/277V, 3 Phrase Ballast Load and 200A @ 240V/120V
EXISTING CONNECTED LOAD: 377A @ 480V/277V, 3 Phrase
ADDITIONAL LOAD: 180A @ 480V/277V, 3 Phrase
NEW CONNECTED LOAD: 558A @ 480V/277V, 3 Phrase
EXISTING "M" EFF. CAN ACCEPT ADDITIONAL LOAD.

SINGLE LINE DIAGRAM & PANEL SCHEDULES

SCALE: NONE
1. GROUNDING DIAGRAM (TYPICAL)

- Ground rod per CEC 250: 3/4" Dia. x 10' Long.
- #4/0 Bare Copper (BCU) Ground Loop.

2. WALL-MOUNTED EQUIPMENT MOUNTING DETAIL

- Panel (Typ.)
  - 400 A, 2,775 VA, 320 VAC (200 VAC Max.)
- 8" x 16 GA Steel Stud
- Transformer
- Electrical Details

KEYNOTES:
- Panel attached at panel attachment stud depth per arch.
- Hex head bolt material shall conform with SAE 1541.
- 3#12 SMS min. equally spaced each stud. Screws to be centered at flange width.
- 6" x 18 GA Steel Stud
- Rear View
- Side View
- Scale: Not to scale