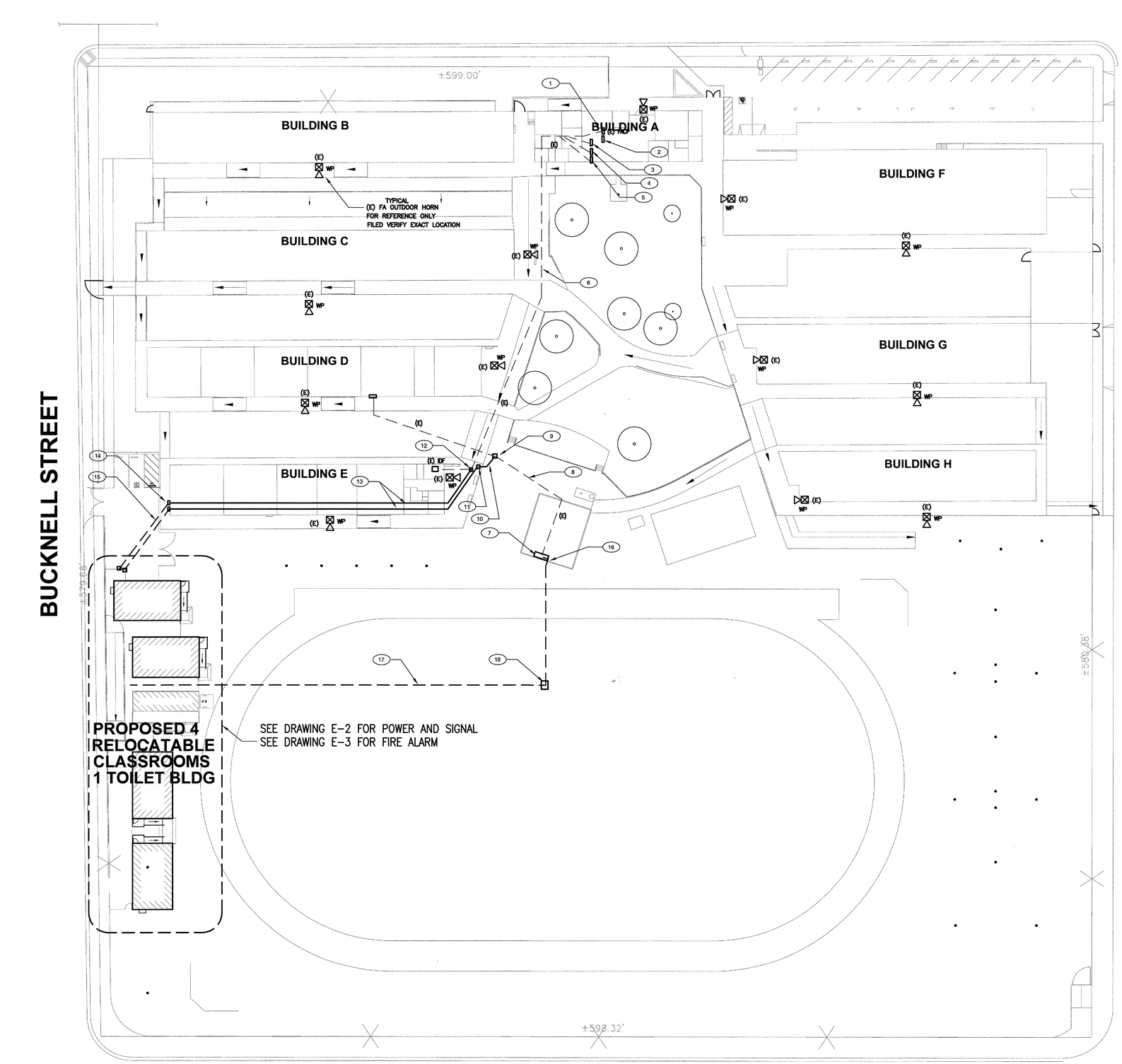

SITE PLAN - ELECTRICAL

3 RELOCATABLE CLASSROOM

SCALE : 1" = 30' - 0"

PROJECT NOTES

1. SOURCE OF POWER HAS BEEN INVESTIGATED AND IS ADEQUATE FOR THE ADDITIONAL LOAD.
2. SITE INSPECTOR IS TO WITNESS AND VERIFY GROUNDING TEST
3. CONTRACTOR TO MONITOR EXISTING FIRE ALARM SYSTEM IF IT IS INTERRUPTED OR DISCONNECTED.

SHEET NOTES

1. APPROXIMATE LOCATION FOR EXISTING ADDRESSABLE FIRE ALARM CONTROL PANEL TO REMAIN IN SERVICE. PROVIDE CONNECTION TO NEW FIRE ALARM DEVICES PER PLANS, UPDATE NEW FIRE ZONE MAP AND PROGRAM NEW DEVICES INFORMATION, MEASURE ACTUAL LOAD CURRENT AND VOLTAGE DROP FOR EACH NAC SIGNAL CIRCUITS, AND FACP STANDBY CURRENT AND ALARM CURRENT. SEND THE REPORT TO OWNER AND ENGINEER FOR REVIEW, AND PLASTIC LAMINATED ONE COPY INSIDE FACP CABINET DOOR.
2. FURNISH AND INSTALL A NEW FIRE ALARM DIGITAL VOICE COMMAND CENTER AND INTER CONNECT TO EXISTING FIRE ALARM CONTROL PANEL. SURFACE MOUNT NEXT TO (E) FACP. FILED VERIFY EXACT LOCATION. PROVIDE 110V POWER CONNECTION FROM EXISTING FACP DEDICATED CIRCUIT. SEE FA DRAWING E-3 RISER DIAGRAM.
3. APPROXIMATE LOCATION FOR EXISTING PA/IC EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
4. APPROXIMATE LOCATION FOR EXISTING COMPUTER MDF SERVER EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
5. APPROXIMATE LOCATION FOR EXISTING MASTER INTRUSION ALARM EQUIPMENT IN ADMIN OFFICE. PROVIDE NEW CABLE AND CONNECTION FOR NEW SIGNAL DEVICES PER PLANS.
6. (E) SIGNAL CONDUITS, PULL IN NEW SIGNAL CABLES FOR NEW SIGNAL DEVISES CONNECTION. FIELD VERIFY LOCATION. SEE RISER DIAGRAMS.
7. (E) MAIN SWITCHBOARD MSB, PROVIDE NEW MATCHING BREAKERS AND POWER CONNECTION FOR NEW PORTABLE CLASSROOM BUILDING PRE-WIRED PANELS. SEE SINGLE LINE DIAGRAMS.
8. (E) U.G POWER CONDUITS AND FEEDERS TO REMAIN, PULL IN ADDITIONAL NEW CONDUCTS PER PLANS, SEE SINGLE LINE DIAGRAM.
9. APPROXIMATE LOCATION FOR EXISTING POWER PULL BOX TO REMAIN. INSTALL NEW CONDUIT AND CONDUCTORS PER PLANS, SEE SINGLE LINE DIAGRAM.
10. TRENCHING AND INSTALL NEW U.G POWER CONDUITS AND FEEDERS PER PLANS, FILED VERIFY LOCATION, SEE SINGLE LINE DIAGRAM.
11. NEW POWER PULL CAN ABOVE EXISTING COVER WALKWAY, FILED VERIFY LOCATION, SEE SINGLE LINE DIAGRAM.
12. INTERCEPT EXISTING SIGNAL CONDUITS ABOVE COVER WALKWAY, INSTALL NEW CONDUITS AND PULL BACK NEW SIGNAL CABLES PER PLANS, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
13. INSTALL NEW POWER AND SIGNAL CONDUITS ON ROOF, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
14. NEW POWER AND SIGNAL PULL CAN ON EXTERIOR WALL, FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
15. TRENCHING AND INSTALL NEW U.G POWER AND SIGNAL CONDUITS PER PLANS, SAW CUT AND PATCH EXISTING GROUND AS REQUIRED. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
16. INSTALL NEW CONDUIT AND FEEDER PER PLANS, CORE DRILL AND SEAL CMU WALL AS REQUIRED. FILED VERIFY LOCATION, SEE SINGLE LINE DIAGRAM.
17. TRENCHING AND INSTALL NEW U.G POWER CONDUITS PER PLANS, SAW CUT AND PATCH EXISTING GROUND AS REQUIRED. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.
18. FURNISH AND INSTALL CHRIST N30 PULL BOX WITH TRAFFIC COVER. FILED VERIFY LOCATION, SEE RISER DIAGRAMS.

— (E) — — INDICATE EXISTING CONDUIT AND WIRING. FOR REFERENCE ONLY, FIELD VERIFY AS REQUIRED.

MEP COMPONENT ANCHORAGE NOTES

ALL MECHANICAL, PLUMBING, AND ELECTRICAL COMPONENTS SHALL BE ANCHORED AND INSTALLED PER THE DETAILS ON THE DSA APPROVED CONSTRUCTION DOCUMENTS. WHERE NO DETAILS IS INDICATED, THE FOLLOWING COMPONENTS SHALL BE ANCHORED OR BRACED TO MEET THE FORCE AND DISPLACEMENT REQUIREMENTS PRESCRIBED IN THE 2013 CBC, SECTIONS 1616A.1.18 THROUGH 1616A. 1.26 AND ASCE 7-10 CHAPTER 13, 26 AND 30.

1. ALL PERMANENT EQUIPMENT AND COMPONENTS.
2. TEMPORARY OR MOVABLE EQUIPMENT THAT IS PERMANENTLY ATTACHED (E.G. HARD WIRED) TO THE BUILDING UTILITY SERVICES SUCH AS ELECTRICITY, GAS OR WATER.
3. MOVABLE EQUIPMENT WHICH IS STATIONED IN ONE PLACE FOR MORE THAN 8 HOURS AND HEAVIER THAN 400 POUNDS ARE REQUIRED TO BE ANCHORED WITH TEMPORARY ATTACHMENTS.

THE ATTACHMENT OF THE FOLLOWING MECHANICAL AND ELECTRICAL COMPONENTS SHALL BE POSITIVELY ATTACHED TO THE STRUCTURE, BUT NEED NOT BE DETAILED ON THE PLANS. THESE COMPONENTS SHALL HAVE FLEXIBLE CONNECTIONS PROVIDED BETWEEN THE COMPONENT AND ASSOCIATED DUCTWORK, PIPING, AND CONDUIT.

A. COMPONENTS WEIGHING LESS THAN 400 POUNDS AND HAVE A CENTER OF MASS LOCATED 4 FEET OR LESS ABOVE THE ADJACENT FLOOR OR ROOF LEVEL THAT DIRECTLY SUPPORT THE COMPONENT.
B. COMPONENTS WEIGHING LESS THAN 20 POUNDS, OR IN THE CASE OF DISTRIBUTED SYSTEMS, LESS THAN 5 POUNDS PER FOOT, WHICH ARE SUSPENDED FROM A ROOF OR FLOOR OR HUNG FROM A WALL.

FOR THOSE ELEMENTS THAT DO NOT REQUIRE DETAILS ON THE APPROVED DRAWINGS, THE INSTALLATION SHALL BE SUBJECT TO THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD AND THE DSA DISTRICT STRUCTURAL ENGINEER. THE PROJECT INSPECTOR WILL VERIFY THAT ALL COMPONENTS AND EQUIPMENT HAVE BEEN ANCHORED IN ACCORDANCE WITH ABOVE REQUIREMENTS.

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEM BRACING NOTE

PIPING DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-10 SECTION 13.3 AS DEFINED IN ASCE 7-10 SECTION 12.6.5, 13.6.5.6 AND 2013 CBC, SECTION 1616A.1.23, 1616A.1.24, 1616A.1.25 AND 1616A.1.26.

THE BRACING AND ATTACHMENTS TO THE STRUCTURE SHALL BE DETAILED ON THE APPROVED DRAWINGS OR THEY SHALL COMPLY WITH ON OF THE OSHPD PRE-APPROVALS (OPA #) AS MODIFIED TO SATISFY ANCHORAGE REQUIREMENTS OF ACI 318, APPENDIX D.

COPIES OF THE MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF HANGING AND BRACING OF THE PIPE , DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS.

THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.

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Revision:	Revision Description:	Rev. Date:	Revision:	Revision Description:	Rev. Date:

Sheet Title: SITE PLAN - ELECTRICAL

Project Name & Address:
WASHINGTON MIDDLE SCHOOL
4 RELOCATABLE CLASSROOMS AND 1 TOILET BLDG
BAKERSFIELD CITY SCHOOL DISTRICT
1101 NOBLE AVE., BAKERSFIELD, CA 93305

Issue Date:	Designer:	DR:	PC:
11/13/14	J CHONG	J CHONG	CdM
Date: 08/05/15			

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