

**RENOVATIONS AND ADDITION
TO CLASSROOM BUILDINGS
FOLSOM JR. HIGH SCHOOL
ST. TAMMANY PARISH SCHOOL BOARD**
FOLSOM, LOUISIANA
80055 HAY HOLLOW ROAD

DATE ISSUED:	10 JUNE 2009
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DRAWN BY:	TPD, MBK
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PHASE:	

CONSTRUCTION DOCUMENTS

08060

TITLE:
**ELECTRICAL
SITE PLAN**

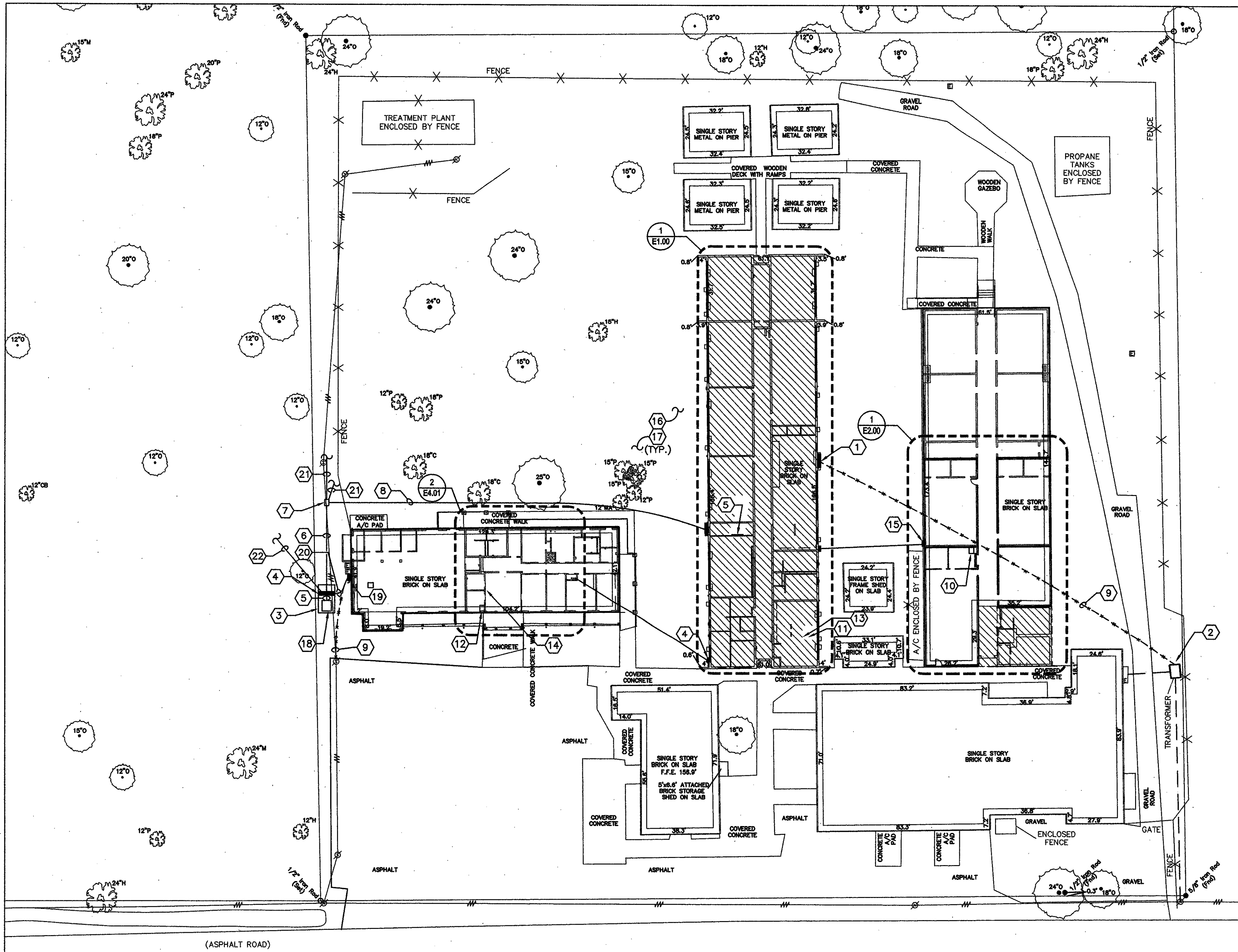
SHEET:
E0.01

ELECTRICAL KEY NOTES:

- 1 THE ELECTRICAL SERVICE FOR THE EXISTING CLASSROOM WING "A" SHALL BE RELOCATED. REMOVE THE EXISTING ELECTRICAL SERVICE AND COORDINATE THE INSTALLATION OF NEW ELECTRICAL SERVICE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ELECTRICAL POWER TO THE OCCUPIED BUILDINGS THROUGHOUT THE PROJECT. ANY POWER OUTAGES SHALL BE COORDINATED WITH THE SCHOOL BOARD AT A TIME THAT IS CONVENIENT TO THEIR SCHEDULES. THIS MAY REQUIRE WORKING AFTER HOURS OR ON THE WEEKENDS. DOWNTIME SHALL BE KEPT TO A MINIMUM. THE OWNER HAS FIRST RIGHT OF REFUSAL ON ALL REMOVED ITEMS. ALL ITEMS NOT WANTED BY THE OWNER SHALL BE PROPERLY DISPOSED OF OFFSITE BY THE CONTRACTOR IN ACCORDANCE WITH THE LAW. SEE ELECTRICAL RISER DIAGRAM ON SHEET E3.01, FOR ADDITIONAL DETAILS.
- 2 LOCATION OF EXISTING UTILITY COMPANY TRANSFORMER
- 3 THE CONTRACTOR SHALL INSTALL A NEW TRANSFORMER PAD PER THE UTILITY COMPANY STANDARDS. THIS PAD SHALL BE EXTENDED TO ACCOMMODATE THE INSTALLATION OF THE NEW MAIN DISTRIBUTION PANEL. THIS PAD SHALL BE LARGE ENOUGH TO GIVE A MINIMUM OF 4' OF WORKING CLEARANCE IN FRONT OF THE PANEL. THE TRANSFORMER SHALL BE PROVIDED AND INSTALLED BY THE UTILITY COMPANY. THE TRANSFORMER PAD SHALL BE CENTERED IN BETWEEN THE ADMINISTRATION BUILDING AND THE FUTURE CAFETERIA BUILDING. VERIFY LOCATION WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 4 NEW MAIN SWITCHBOARD "MSB1". THE INDICATED ELECTRICAL PANELS SHALL BE REPOWERED FROM THIS PANEL.
- 5 NEW UNDERGROUND CONDUITS SHALL BE ROUTED FROM THE NEW TRANSFORMER TO THE MAIN SWITCHBOARD "MSB1" TO THE UNDERGROUND JUNCTION BOX. SEE RISER DIAGRAM, SHEET E3.01, FOR ADDITIONAL DETAILS.
- 6 NEW UNDERGROUND CONDUITS SHALL BE ROUTED FROM THE NEW MAIN SWITCHBOARD "MSB1" TO THE UNDERGROUND JUNCTION BOX. SEE RISER DIAGRAM, SHEET E3.01, FOR ADDITIONAL DETAILS.
- 7 INGROUND QUARTZITE PULLBOX (SIZE PER CLECO'S STANDARDS). JUNCTION BOX SHALL BE SIZED FOR EXISTING CLASSROOM WING AND FUTURE CLASSROOM WINGS. VERIFY EXACT LOCATION WITH THE ARCHITECT PRIOR TO INSTALLATION.
- 8 UNDERGROUND ELECTRICAL FEEDERS. SEE ELECTRICAL RISER DIAGRAM ON SHEET E4.01.
- 9 THE EXISTING FEEDER SHALL BE REMOVED AS PART OF THIS PROJECT.
- 10 THE MDF CABINET FOR THE SCHOOL SHALL BE RELOCATED TO THE INDICATED LOCATION.
- 11 EXISTING MDF CABINET LOCATION FOR THE SCHOOL.
- 12 THE INTERCOM CABINET FOR THE SCHOOL SHALL BE RELOCATED TO THE INDICATED LOCATION.
- 13 EXISTING INTERCOM CABINET LOCATION FOR THE SCHOOL.
- 14 THE APPROXIMATE LOCATION OF THE FIRE ALARM CONTROL PANEL.
- 15 PROVIDE JUNCTION BOXES AS NECESSARY FOR SPECIAL SYSTEMS ROUTING BETWEEN BUILDINGS. SEE SPECIAL SYSTEMS RISER DIAGRAM, DRAWING E4.01, FOR DETAILS.
- 16 ASSURE ACCURATE KNOWLEDGE OF THE SITE FOR UNDERGROUND UTILITIES PRIOR TO TRENCHING OR AUGERING.
- 17 ASSURE ACCURATE KNOWLEDGE OF THE EXISTING CONDITIONS AND BUILDING LAYOUTS PRIOR TO BID.
- 18 LOCATION OF NEW UTILITY COMPANY TRANSFORMER.
- 19 LOCATION OF EXISTING 400A SERVICE DISCONNECT SWITCH.
- 20 APPROXIMATE LOCATION OF FEEDER THAT SHALL BE REROUTED FROM THE MAIN SWITCH BOARD "MSB1" AND PAST EXISTING METER TO BE REMOVED.
- 21 NEW UNDERGROUND CONDUITS SHALL BE STUBBED OUT FOR FUTURE CLASSROOM WINGS. SEE RISER DIAGRAM, SHEET E3.01, FOR ADDITIONAL DETAILS.
- 22 NEW UNDERGROUND CONDUITS SHALL BE STUBBED OUT FOR FUTURE CAFETERIA. SEE RISER DIAGRAM, SHEET E3.01, FOR ADDITIONAL DETAILS.

GENERAL ELECTRICAL NOTES:

1. ALL WORK SHALL CONFORM TO THE LATEST ACCEPTED EDITION OF THE NATIONAL ELECTRICAL CODE AND ALL LOCAL, STATE AND NATIONAL CODES AND STANDARDS.
2. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING TO VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS. NO EXTRAS WILL BE ALLOWED FOR CONDITIONS THAT A SITE VISIT SHOULD HAVE REVEALED.
3. ALL ELECTRICAL LOCATIONS SHOWN ON THESE DRAWINGS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL INSTALLATIONS WITH THE ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL APPLY FOR AND PAY ALL NECESSARY PERMIT AND INSPECTION FEES.
5. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF THE UTILITIES WITH THE RESPECTIVE LOCAL UTILITY COMPANIES AND VERIFY THE AVAILABILITY OF THE SERVICE INDICATED. ANY SERVICE CHARGES SHALL BE PAID BY THE CONTRACTOR.
6. CONTRACTOR SHALL VERIFY THE ELECTRICAL REQUIREMENTS FOR ALL MECHANICAL EQUIPMENT WITH THE EQUIPMENT SUPPLIER. BREAKER AND DISCONNECT SIZES SHALL MATCH THE ACTUAL REQUIREMENTS OF THE EQUIPMENT PROVIDED. REFERENCE MECHANICAL DRAWINGS FOR DETAILS, DIMENSIONS, AND EXACT LOCATIONS OF MECHANICAL EQUIPMENT.
7. PENETRATIONS THROUGH FIRE/SMOKE RATED CONSTRUCTION SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASES WHEN TESTED IN ACCORDANCE WITH ASTM-E814. REFERENCE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF RATED WALLS.
8. THE INTERCOM, PAGING, FIRE ALARM, CCTV, TELEPHONE, DATA, AND CLOCK SYSTEM WILL BE PROVIDED AND INSTALLED BY THE CONTRACTOR.



1 ELECTRICAL SITE PLAN
E0.01 1"= 30'-0"

THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BY OR UNDER MY CLOSE SUPERVISION, AND TO THE BEST OF MY KNOWLEDGE AND BELIEF THEY COMPLY WITH ALL CITY REQUIREMENTS AND THAT I AM ADMINISTERING THE WORK.

ENGINEER _____

