

GENERAL COORDINATION NOTES - ELECTRICAL

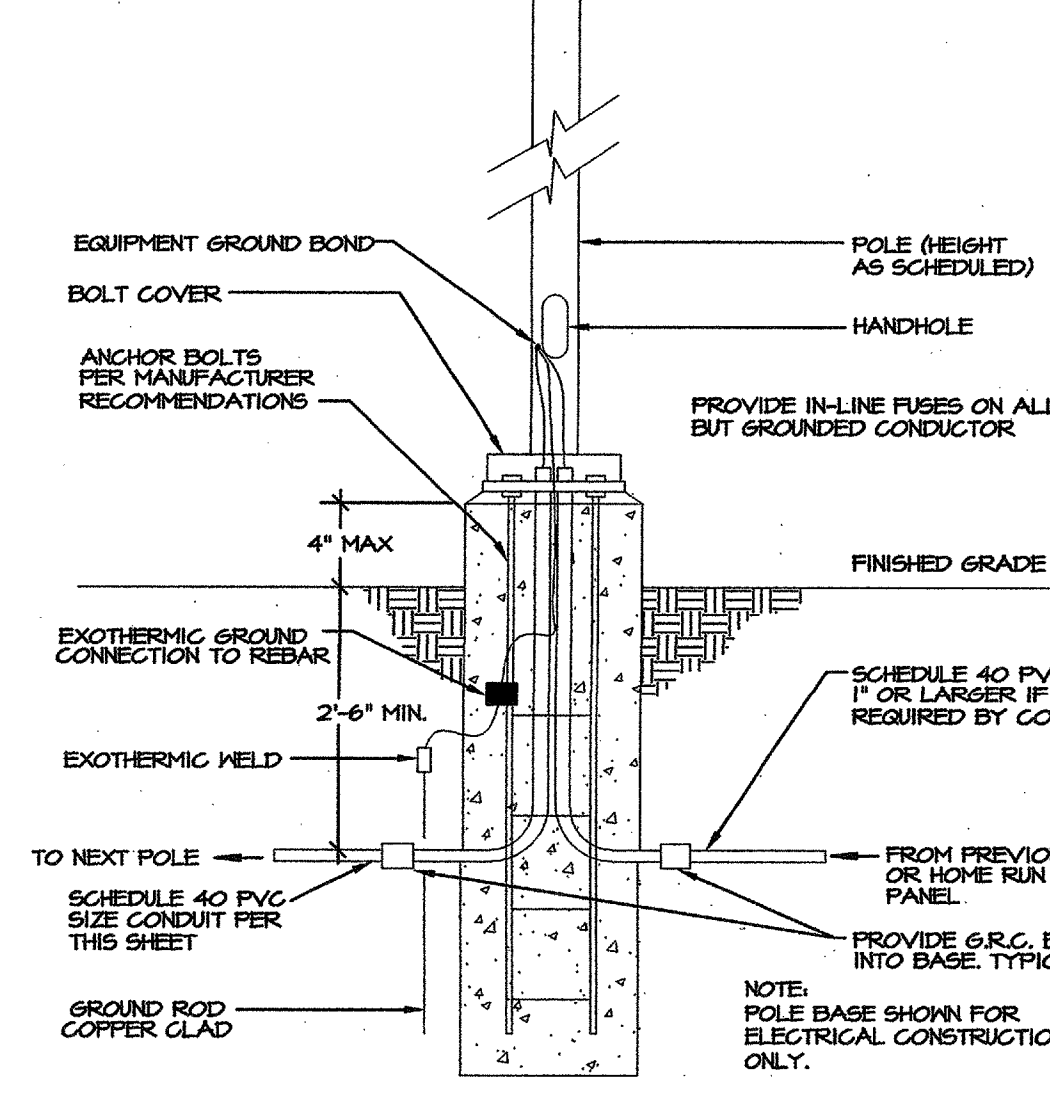
- CONTRACTORS SHALL VISIT SITE AND PERFORM A THOROUGH EVALUATION OF EXISTING CONDITIONS AND REVIEW THESE PLANS & SPECIFICATIONS PRIOR TO SUBMITTING A FINAL BID. NOTIFY THE ARCHITECT OF ANY SIGNIFICANT DISCREPANCIES BETWEEN EXISTING CONDITIONS AND/OR THESE DOCUMENTS. CONTACT THE ARCHITECT OR THE ENGINEER IF FURTHER DIRECTION IS REQUIRED ON ANY ITEM.
- THESE PLANS ARE BASED ON INFORMATION FROM OTHERS AND/OR EXISTING BUILDING DRAWINGS. THESE DOCUMENTS ARE DIAGRAMMATIC AND SCHEMATIC IN NATURE AND DO NOT SHOW EVERY DETAIL REQUIRED FOR CONSTRUCTION. FINAL BID SHALL INCLUDE ALL DEVICES, APPLIANCES, WIRING, ETC. FOR FULLY FUNCTIONAL, CODE COMPLIANT SYSTEMS. COORDINATE WORK WITH OTHER TRADES AND PERFORM IN A FIRST-CLASS AND WORKMANLIKE MANNER.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ELECTRICAL AND TELEPHONE SERVICE LOCATIONS & PROVISIONS WITH ACTUAL FIELD CONDITIONS. FINAL EQUIPMENT LOCATIONS AND SERVICE POINTS SHALL BE COORDINATED WITH THE RESPECTIVE UTILITY COMPANIES. LOCATIONS SHOWN WERE OBTAINED THROUGH EXISTING DOCUMENTS AND PRELIMINARY DISCUSSIONS WITH UTILITY REPRESENTATIVES AND SHALL BE CONSIDERED ASSUMED.
- IT IS THE ELECTRICAL CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL MATERIALS AND LABOR REQUIRED TO INSTALL FULLY FUNCTIONAL SYSTEMS IN ACCORDANCE WITH THE INTENT DISPLAYED IN THESE DOCUMENTS.
- CONTRACTOR SHALL BALANCE PANEL PHASE LOADS PER LOCAL CODE AND TRADE STANDARDS.
- REFER TO LATEST ARCHITECTURAL DRAWINGS FOR REFERENCED AND APPLICABLE ELECTRICAL DETAILS FOR FINAL LOCATIONS AND HEIGHTS OF LUMINAIRES, RECEPTACLES, DATA OUTLETS, ELECTRICAL EQUIPMENT, AND OTHER DEVICES. IF ANY DETAILS ARE DUPLICATED AND/OR DISCREPANCIES BETWEEN DOCUMENTS CONTRACTOR SHALL VERIFY CORRECT APPLICATION WITH ARCHITECT.
- ADJACENT SWITCHES, OUTLETS, AND OTHER DEVICES SHALL BE GANGED UNDER A COMMON COVERPLATE WHEREVER POSSIBLE. WHEN NOT POSSIBLE, INSTALL MULTIPLE COVERS AND DEVICES IN STRAIGHT HORIZONTAL OR VERTICAL LINES AS APPROPRIATE.
- ALL CONDUIT SHALL BE RUN ORTHOGONAL TO BUILDING STRUCTURE AND ABOVE CEILING OR HIDDEN FROM VIEW WHEREVER POSSIBLE. WHERE NOT POSSIBLE, IT SHALL BE RUN PARALLEL WITH NEARBY STRUCTURE OR FEATURES TO BLEND IN. PAINT TO MATCH BACKGROUND. CONTACT ARCHITECT FOR DIRECTION.
- E.C. SHALL VERIFY FINAL LOCATIONS FOR FIRE ALARM, SECURITY, SOUND & BELL, AND OTHER SPECIAL SYSTEMS PRIOR TO ROUGH-IN. COORDINATE REQUIREMENTS WITH RESPECTIVE SUB-CONTRACTORS.
- FLOOR BOXES SHALL BE FLUSH MOUNTED WITH BRASS COVER PLATES SIMILAR TO WALKER SERIES 880 FLOOR BOXES, U.N.O. PROVIDE SUBMITTAL FOR ARCHITECT'S APPROVAL.
- THE ELECTRICAL CONTRACTOR SHALL, PRIOR TO FINAL BIDS AND/OR INITIAL JOB CONSTRUCTION, COORDINATE ALL HVAC, PLUMBING AND SPECIAL SYSTEM(S) EQUIPMENT WITH GENERAL CONTRACTOR AND OTHER TRADES. THE ELECTRICAL CONTRACTOR SHALL LOCATE, FURNISH AND INSTALL ALL DISCONNECTS, FUSES, CIRCUIT BREAKERS, PANELBOARDS, JUNCTION BOXES, ENCLOSURES, CONTACTORS, RELAYS, TIME CLOCKS, AUXILIARY SYSTEMS DEVICES, RECEPTACLES, LIGHTING FIXTURES WITH LAMPS, ALL BRANCH CIRCUIT AND CONTROL WIRING IN CONDUIT, AND ALL FINAL CONNECTIONS REQUIRED TO MAKE THESE SYSTEMS FULLY FUNCTIONAL.

GENERAL NOTES - SPECIAL SYSTEMS

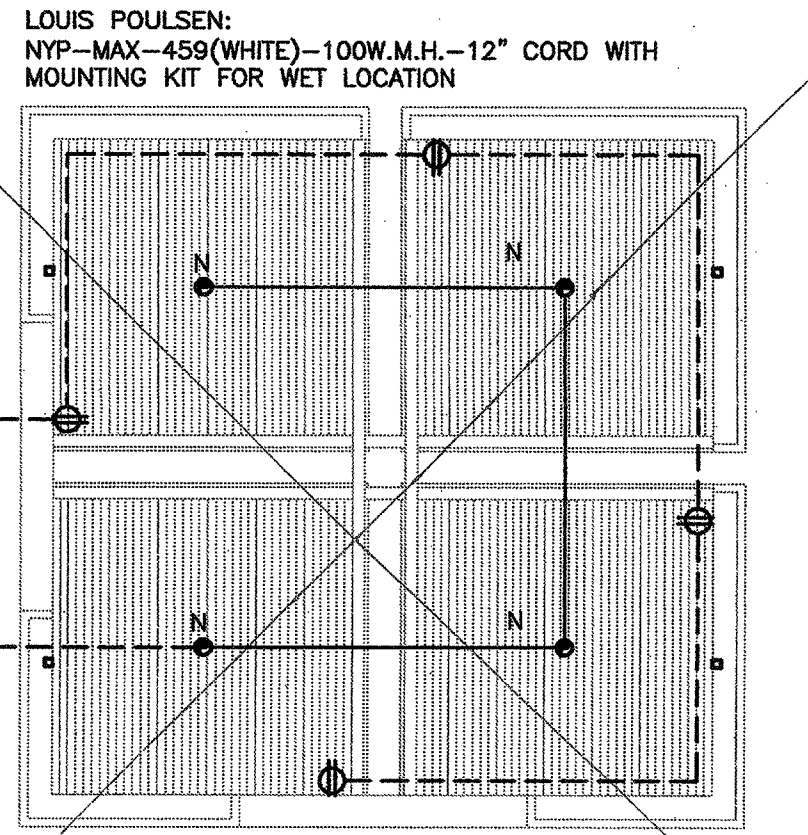
- CONTRACTORS SHALL VISIT SITE AND PERFORM A THOROUGH EVALUATION OF EXISTING CONDITIONS. NOTIFY THE ARCHITECT OF ANY SIGNIFICANT CODE ISSUES OR CONCERNS/DISCREPANCIES OF EXISTING SYSTEMS. CONTACT THE ARCHITECT IF FURTHER DIRECTION IS REQUIRED ON ANY ITEM.
- FIRE ALARM SYSTEM SHALL BE DESIGN/BUILD BY A FIRE ALARM SUB-CONTRACTOR. CONTRACTOR SHALL BE LICENSED BY THE STATE AND HAVE A MINIMUM OF 5 YEARS DIRECT LOCAL EXPERIENCE. SYSTEM SHALL COMPLY WITH THE N.F.P.A., N.E.C. ALL LOCAL CODES AND INTERFACE WITH EXISTING SYSTEM. THE SPRINKLER CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING THE DESIGN PACKAGE TO THE FIRE MARSHAL AND AUTHORITY HAVING JURISDICTION FOR APPROVAL AND ULTIMATELY OBTAINING A.C.O.
- COORDINATE PUBLIC ADDRESS SYSTEM, AUDIO SYSTEM, AND CABLE SYSTEM WITH OWNER/ARCHITECT. NO 90 DEGREE BENDS ARE ALLOWED FOR ANY SPECIAL SYSTEM. CONDUIT SWEEPS SHALL BE IN ACCORDANCE WITH SYSTEM MANUFACTURER'S AND/OR CABLE SUPPLIER'S RECOMMENDATIONS OR SPECIFICATIONS.
 - A. PROVIDE "MUZZAK" ONE SPEAKER IN EACH EXERCISE ROOM. EXTEND (ROUTE) CONDUITS BACK TO STORAGE CLOSET NEXT TO ELEVATOR ON FIRST FLOOR.
 - B. PROVIDE PUBLIC ADDRESS (PA) ONE SPEAKER IN EXERCISE, CONTROL, AND LOUNGE AREAS. INCLUDE PROVISION FOR FOUR ADDITIONAL SPEAKERS IN POOL AREA (REFER TO SITE PLAN THIS SHEET), COORDINATE WITH OWNER. EXTEND (ROUTE) CONDUITS BACK TO MAIN ENTRY OF EXISTING BUILDING (FRONT DESK).
 - C. EXTEND (ROUTE) CONDUIT FROM THE TWO CAMERAS (SHOWN ON SHEET E102) TO MAIN ENTRY (FRONT DESK).
 - D. E.C. SHALL PROVIDE HARDWARE FOR BUZZER (ALERT) SYSTEM. BUZZERS ARE LOCATED AT EXIT-ONLY DOORS. AN ALERT SHALL NOTIFY STAFF AT MAIN DESK OR STAFF AREA IF SOMEONE GOES THROUGH THE EXIT-ONLY DOOR.
- SECURITY SYSTEM SHALL BE DESIGN/BUILD BY A STATE LICENSED CONTRACTOR WITH A MINIMUM OF 5 YEARS EXPERIENCE IN THE BUSINESS. ANY DEVICES AND EQUIPMENT SHOWN SHALL BE USED AS A GUIDELINE ONLY. COORDINATE EXACT REQUIREMENTS WITH OWNER. PROVIDE ELECTRICAL AND MECHANICAL REQUIREMENTS TO THE ENGINEER, ARCHITECT, GENERAL CONTRACTOR, OR RESPECTIVE SUB-CONTRACTORS.
- E.C. SHALL RUN CONTINUOUS, EMPTY CONDUIT WITH PULL STRING FROM DATA OUTLETS, EMPTY J-BOXES, ETC. UNLESS NOTED OTHERWISE. PROVIDE PROTECTIVE SLEEVE/BUSHING AT END OF STUB-OUT.
- ALL EXTERIOR POOL LIGHTING SHALL BE CONTROLLED BY MULTI-CHANNEL TIME SWITCH. EACH CIRCUIT SHALL BE INDEPENDENTLY PROGRAMMABLE. LOCATE AT LIFE GUARD STATION.
- TENNIS COURT LIGHTS SHALL BE OPERATED BY KEY/TIMER.

ELECTRICAL SYMBOLS

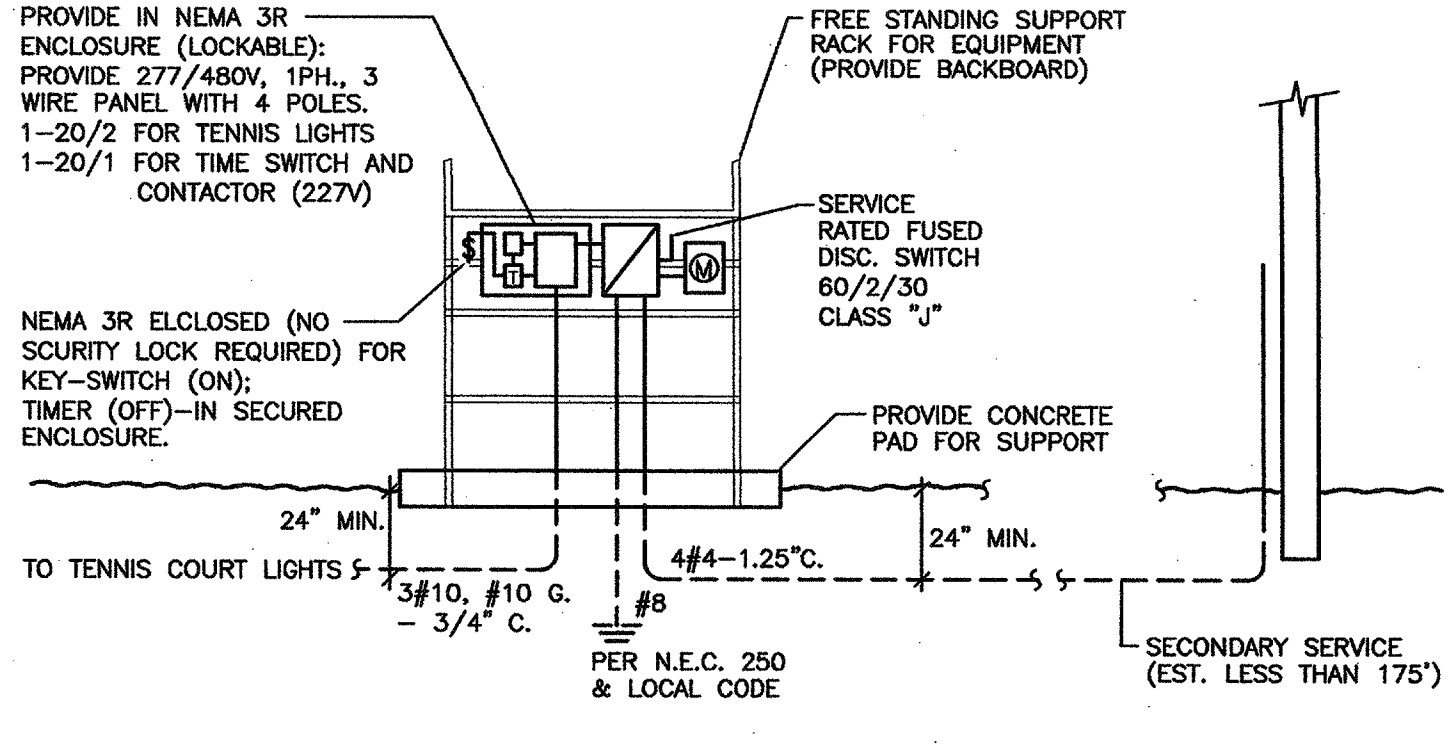
- NOTE: ALL SYMBOLS MAY NOT APPEAR ON DRAWINGS
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|---|--|
| INCANDESCENT/H.I.D. LIGHT FIXTURE | UNFUSED DISCONNECT SWITCH |
| EXIT SIGN | FUSED DISCONNECT SWITCH |
| FLUORESCENT LIGHT FIXTURE | JUNCTION BOX |
| EMERGENCY/NIGHT LIGHT FIXTURE(S) - NOT SWITCHED. (EMERGENCY PROVIDE BATTERY BACK-UP) | FLOOR BOX WITH RECEPTACLE OR AS NOTED |
| SIMPLEX RECEPTACLE | FLOOR BOX WITH RECEPTACLE AND TEL/DATA VERIFY EXACT DEVICE REQUIREMENTS |
| DUPLEX RECEPTACLE | TELEPHONE OUTLET |
| POWER RECEPTACLE, SINGLE PHASE, 208/230 VOLT | COMBINATION TELEPHONE & DATA OUTLET |
| QUAD-PLEX RECEPTACLE | 2 GANG COMBINATION TELEPHONE & DATA OUTLET WITH 2 DATA JACKS |
| SINGLE POLE SWITCH | DATA/COMMUNICATION OUTLET WITH ONE JACK |
| TWO POLE SWITCH | DATA/COMMUNICATION OUTLET WITH TWO JACKS - MAX. 4 JACKS IN 2 GANG BOX WITH 1 COVER PLATE |
| THREE WAY SWITCH | TELEVISION /VIDEO OUTLET-VERIFY WITH OWNER/VENDOR |
| FOUR WAY SWITCH | MUZZAK SPEAKER AT CEILING |
| DIMMER SWITCH | PUBLIC ADDRESS SPEAKER AT CEILING |
| MOTOR RATED SWITCH | BUZZER AND/OR CONTACT LOCATION |
| SINGLE POLE SWITCH WITH PILOT LIGHT | |
| SINGLE POLE SWITCH - LOWER CASE LETTER(S) "a, b, c ETC." DENOTES DESIGNATED SWITCH ASSIGNMENT | |



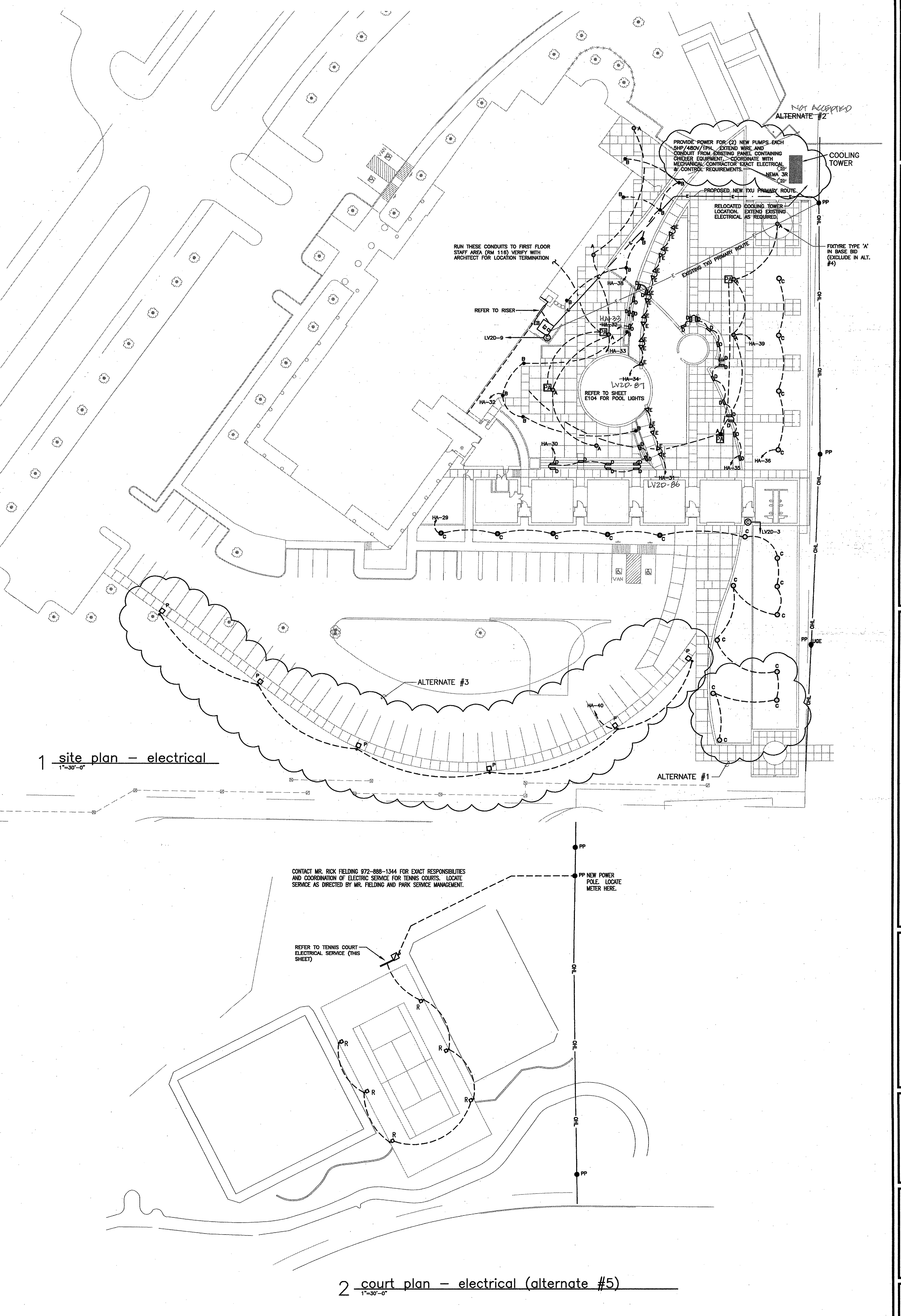
5 pavilion plan
NO SCALE



4 pavilion plan (alternate #4)
1/8\"/>



3 tennis court electrical service
1\"/>



1 site plan - electrical
1\"/>

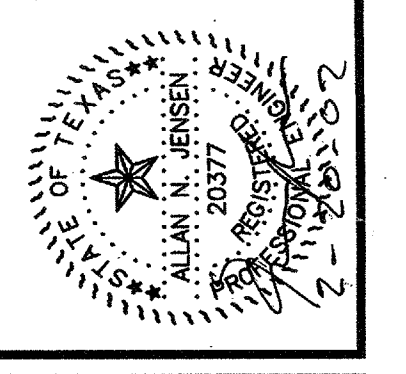
2 court plan - electrical (alternate #5)
1\"/>

ISSUE DATE	FEB. 20, 2002
REVISIONS	

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AND
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JOB NUMBER	0012
SHEET NAME	ELECTRICAL SITE PLAN
SHEET NUMBER	E100