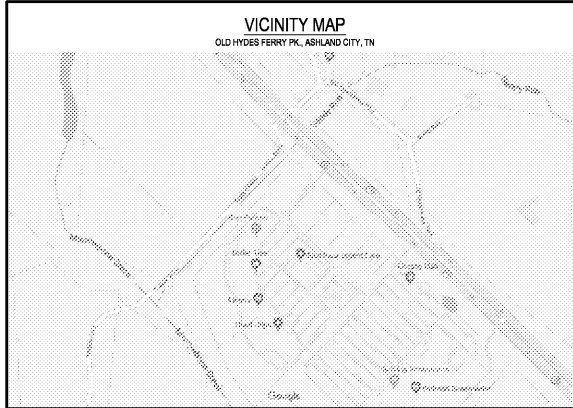


**CONTACT LIST**

1. POWER COMPANY POINT OF CONTACT IS:  
 RODNEY STANSBERRY  
 CEMC  
 \*\*NUMBER\*\*  
 rstanberry@cmc.org



**GENERAL SITE NOTES**

- ALL CONDUCTOR SIZES SHOWN ARE BASED ON THE NEC AMPACITIES OF COPPER CONDUCTORS, TYPE THW UNLESS OTHERWISE NOTED.
- ALL UNDERGROUND WIRING IS TO BE INSTALLED IN SCHEDULE 40 PVC CONDUIT PER THE WRITTEN SPECIFICATIONS. RIGID STEEL ELBOWS ARE TO BE USED ON THE CONDUIT WHEREVER IT TURNS UP AND EXITS THE GROUND.
- THE CONTRACTOR SHALL SUPPLY A SEPARATE GREEN INSULATED GROUND WIRE IN ALL RUNS OF PVC CONDUIT, WHETHER SHOWN ON THE DRAWINGS OR NOT.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR SUPPLYING ALL CONCRETE AND RELATED WORK FOR ALL POLE BASES, TRANSFORMER PADS, ETC., WHICH ARE IN HIS SCOPE OF WORK.
- THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVISION OF ELECTRICAL WIRING AND ASSOCIATED EQUIPMENT REQUIRED TO PROVIDE SERVICE TO ALL Pylon SIGNS.
- ALL WORK IS TO COMPLY WITH THE LATEST VERSION OF THE NEC AND ALL APPLICABLE STATE, LOCAL, AND MUNICIPAL CODES.
- THE ELECTRICAL CONTRACTOR IS TO COORDINATE ALL OF HIS WORK WITH ALL OF THE OTHER DISCIPLINES AND TRADES: WATER, SEWER, STORM DRAINAGE, ETC. ROUTING TAKE PRECEDENCE OVER THE ELECTRICAL WIRE AND CONDUIT ROUTING. THE ELECTRICAL CONTRACTOR IS TO RELOCATE OR RE-RUN CONDUITS AS REQUIRED TO CLEAR SUCH.
- COORDINATE ALL SITE WORK WITH CIVIL DISCIPLINES.

**UTILITY APPROPRIATE NOTES**

- ALL UTILITY SERVICES SHOWN ARE FOR INFORMATION ONLY. NO EXPRESSED OR IMPLIED GUARANTEE IS GIVEN AS TO THE EXACT LOCATION, GRADE OR ELEVATION OF THE ABOVE MENTIONED ITEMS. ACTUAL LOCATIONS ARE TO BE BASED ON UTILITY COMPANY AND OWNER INSTRUCTIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH THE PRIMARY AND SECONDARY SERVICES AND METER INSTALLATION FEES. IF THE CONTRACTOR CANNOT DETERMINE THE PRIMARY SERVICE FEES TO BE APPLIED BY THE POWER COMPANY, THERE IS TO INCLUDE A LETTER IN HIS BID SPECIFICALLY STATING THAT THESE COSTS HAVE NOT BEEN INCLUDED IN THE BID BUT WILL BE ADDITIONS TO THE CONTRACT WHEN DETERMINED BY THE UTILITY.
- BECAUSE OF ALL OF THE ABOVE REASONS, ALL ELECTRICAL CONTRACTORS DESIRING TO BID ON THIS PROJECT ARE REQUIRED TO VISIT THE JOB SITE PRIOR TO BIDDING SO THAT THEY MAY BECOME FAMILIAR WITH ALL CIRCUMSTANCES WHICH WILL AFFECT THE ELECTRICAL WORK.
- CONTRACTOR SHALL INCLUDE OVERTIME AND AFTER HOURS PREMIUM LABOR CHARGES IN HIS BID AS REQUIRED TO COMPLETE THE INSTALLATION OF THIS PROJECT IN ACCORDANCE WITH THE ARCHITECT'S SCHEDULE.
- ALL ELECTRICAL CONTRACTORS ARE REQUIRED TO VISIT THE JOB SITE PRIOR TO BID AND TO INCLUDE ALL REQUIRED COST TO PROVIDE A COMPLETE, FUNCTIONAL AND CODE COMPLIANT ELECTRICAL INSTALLATION.
- COORDINATE SERVICE PROVISIONS FOR TELEPHONE, CATV AND POWER FOR UNDERGROUND SERVICE TO BUILDING.
- OWNER WILL BE RESPONSIBLE FOR AID TO CONSTRUCTION UTILITY COST FOR PROVISION OF SERVICE TO THIS BUILDING.
- ALL REQUIRED 90° ELBOWS OF UTILITY CONDUITS TO BE OF SWEEPING TYPE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL COST ASSOCIATED WITH TEMPORARY POWER, BE IT 10 OR 30, AS REQUIRED FOR THIS PROJECT.
- SEE SHEETS ES102 & ES103 FOR POWER UTILITY COORDINATION INFORMATION AND MORE SPECIFICS BEYOND THAT LISTED ON THIS SHEET.

**CEMC DITCH GUIDELINES**

**PRIMARY DITCH:**

- DITCH IS TO BE 48" DEEP.
- 3" SCHEDULE 40 PIPE AND SWEEPS, SWEEPS TO BE 30' LONG.
- 18" VERTICAL SEPARATION ON WATER, 12" ON OTHER UTILITIES.
- 12" VERTICAL SEPARATION ON PHONE AND CABLE IN SANDY RUN.
- WARNING TIPS TO BE IN 10" x 12" OF DITCH.
- BACKFILL MUST BE FREE OF LARGE ROCKS.
- ONLY 2 SWEEPS PER RUN OF CONDUIT.
- SECONDARY CONDUITS TO BE AT LEAST 30" DEEP.

**TRANSFORMER AND SECONDARY MOUNTING GUIDELINES:**

- TO BE INSTALLED ON A GRAVEL PAD AND LEVEL.
- BOTH VAULTS SHALL BE SET 6" ABOVE FINISH GRADE ONLY IF DIRT GRADE WILL REMAIN AT CURB GRADE. FINISH GRADE WILL BE HIGHER, VAULTS SHALL BE SET ABOVE DIRT GRADE.
- ALL CONDUITS SHALL BE GROUPED TOGETHER ON PROPERTY LINE.
- WALL MOUNTING TO BE DIRECTLY OVER CONDUITS.
- CONDUITS TO BE CUT OFF ABOVE GRAVEL SURFACE OF VAULT AND CAPPED, PHONE AND CATV CONDUITS TO BE STUBBED INSIDE OR BEHIND CEMC VAULTS.

**ELECTRICAL KEYED NOTES**

- NOT USED.
- UNDERGROUND PRIMARY ELECTRICAL LINES REFER TO CEMC DITCH GUIDELINES ON THIS SHEET AND DETAILS ON SHEET ES102.
- 200/120V, 30 PAD MOUNT TRANSFORMER, CONTRACTOR TO PROVIDE 100'x60" PAD. SEE DETAIL ON SHEET ES102, PROVIDE BOLLARDS AS PER CEMC GUIDELINES.
- UNDERGROUND SECONDARY LINES BY ELECTRICAL CONTRACTOR SEE RISER DIAGRAM, REFER TO CEMC DITCH GUIDELINES ON THIS SHEET AND DETAILS ON SHEET ES102.
- HOTEL MAIN SWITCHBOARD, SEE POWER PLAN & RISER DIAGRAM.
- TWO EACH 4" EC WITH PULL WIRE FOR TELEPHONE SERVICE, COORDINATE TERMINATION POINT AND INSTALLATION REQUIREMENTS WITH TELEPHONE CO, ONCE INSIDE BUILDING, RUN CONDUITS UP TO OCCUPANTS BACKBOARDS, RUN CONDUIT IN 24" DEEP DITCH MINIMUM TO NEAREST UTILITY LINE, ALL RADIUS ELBOWS TO BE 30" SWEEPING TYPE.
- TWO EACH 3-1/2" EC WITH PULL WIRE FOR CATV SERVICE, COORDINATE TERMINATION POINT AND INSTALLATION REQUIREMENTS WITH CATV CO, ONCE INSIDE BUILDING, RUN CONDUITS UP TO OCCUPANTS BACKBOARDS, ROUTE CONDUITS IN 24" DEEP DITCH TO NEAREST POINT OF UTILITY SERVICE.
- BUILDING MAIN COMMUNICATION SERVICE BACKBOARD LOCATED IN COMM #1006, SEE SHEETS E205 & E402.
- COORDINATE LOCATION OF SATELLITE DISH ON ROOF, SEE SHEETS E207 & E402.
- PIV PNT. FIELD COORDINATE LOCATION, ELECTRONIC MONITORING IS NOT REQUIRED, CHANGE LOCKS TO BE PROVIDED FOR OTHER VALVES BY OTHERS.
- PROVIDE 100V ELECTRICAL CONNECTION TO MONUMENT SIGN, FIELD COORDINATE EXACT LOCATION OF SIGN WITH SIGN VENDOR, WIRE AS PER MANUFACTURER SPECS.
- RUN CIRCUIT THRU LIGHTING CONTRACTOR, CONTRACTOR IS TO BE CONTROLLED BY TIMELOCK & PHOTOCELL ASSEMBLY.
- PROVIDE IN-GRADE QUARTZITE OPEN BOTTOM BOX AT LOCATION FOR CONNECTION TO ELECTRIC CAR CHARGING STATION, PROVIDE 120/208V, 1Ø CONNECTION TO STATION, WIRE TO UNIT AS PER MANUFACTURER'S SPECS, FIELD VERIFY LOCATION WITH E.C. PRIOR TO DOING ANY WORK, ALSO RUN AN EMPTY 3/4" CONDUIT TO STUB UP AT MAIN COMMUNICATIONS BACKBOARD.
- UNDERGROUND LIFT STATION, PROVIDE 120/208V, 1Ø CONNECTION AT PUMP CONTROLLER, SEE DETAIL ON SHEET ES102.

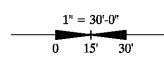
Order Plans

OLD HYDES FERRY PK

SANDY RUN

P4-40-42  
 85 CU W/  
 #19, 6RND,  
 1/2" C.

P4-38  
 CU W/  
 #19, 6RND,  
 1/2" C.



ISSUE DATE 05-30-19  
 ▲ REVISION LOG

HAMPTON INN  
 NEW HOTEL  
 ASHLAND CITY, TENNESSEE  
 WWW.DAVIDRCARTER-NET  
 DAVID R. CARTER AND ASSOCIATES



ELECTRICAL SITE PLAN ES101