

**GENERAL NOTES**

- ELECTRICAL CONTRACTOR SHALL COORDINATE ALL DEMOLITION & NEW CONSTRUCTION WITH THE GENERAL CONTRACTOR, UNIVERSITY PHYSICAL FACILITIES, EXISTING SYSTEMS AND OTHER TRADES.
- THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING A BID TO OBSERVE THE EXISTING CONDITION AND INSTALLATION.

**HATCH LEGEND**

- EXISTING CENTRAL PLANT - BOND HALL
- CENTRAL PLANT ADDITION - BOND HALL

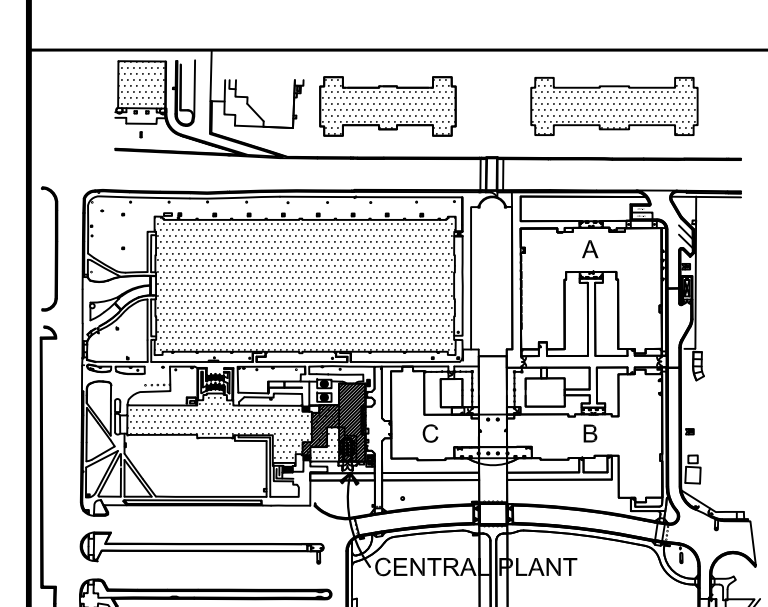
**KEYNOTES**

- (2) EMPTY 6" CONDUITS FOR FUTURE MEDIUM VOLTAGE CABLING.
- INTERCEPT EXISTING MV CIRCUIT #7 CURRENTLY FEEDING BOND HALL TRANSFORMER VAULT AND REROUTE CONDUCTORS TO MV1 ABANDON EXISTING UNDERGROUND CONDUIT FROM THIS LOCATION TO BOND HALL TRANSFORMER VAULT. SEE POWER RIBER DIAGRAM ON SHEET E01A.
- (2) EXISTING 4" CONDUITS WITH NEW MV CABLING. SEE SHEET ES10A.
- LOCATE TERMINATION OF (2) EXISTING EMPTY 4" CONDUITS (ALSO SEE KEYNOTE #3) AND EXTEND CONDUITS TO NEW ELECTRICAL MANHOLE.
- MOUNT EXTERIOR CCTV CAMERA AT 14'-0" A.F.F.
- MOUNT EXTERIOR CCTV CAMERA AT 22'-0" A.F.F.
- EXTEND EXISTING COMMUNICATIONS CONDUITS TO NEW COMMUNICATIONS MANHOLE. REMOVE EXISTING COMMUNICATIONS CABLING BACK TO SOURCE.
- LIGHT FIXTURES ASSOCIATED WITH THIS HOMERUN CIRCUIT ARE TO BE PROVIDED AS PART OF ALTERNATE #5. LIGHTING CIRCUIT TO BE PROVIDED AS PART OF ALTERNATE #5.
- PROVIDE POLE MOUNTED RECEPTACLES AS SHOWN. RECEPTACLE & POWER CIRCUIT IS TO BE PROVIDED AS PART OF ALTERNATE #6.
- PROVIDE NEW LIGHTING CIRCUIT FOR EXISTING POLE LIGHTS TO REMAIN. APPLIES TO ALL LIGHT FIXTURES ASSOCIATED WITH THIS HOMERUN. REMOVE EXISTING LIGHTING CIRCUIT BACK TO SOURCE. MAINTAIN ANY EXISTING SHARED CIRCUITS SERVING OTHER AREAS.
- PROVIDE (1) 4" CONDUIT WITH PULL STRING & CAP FOR FUTURE SPIRIT PARK ELECTRICAL SERVICE.
- PROVIDE POWER CONNECTION TO TRASH COMPACTOR. PROVIDE 30AMP NEMA 3R STARTER/CONNECT WITH 50 AMP USE. COORDINATE & VERIFY EXACT REQUIREMENTS WITH MANUFACTURER.
- PROVIDE POWER CONNECTION TO TRASH COMPACTOR CONTROL CIRCUIT. PROVIDE 20AMP NEMA 3R MANUAL STARTER FOR MEANS OF DISCONNECT. COORDINATE & VERIFY EXACT REQUIREMENTS WITH MANUFACTURER.
- PROVIDE POWER & VOICE DATA CONNECTIONS TO CODE BLUE STATION. PROVIDE 20AMP NEMA 3R MANUAL STARTER WITHIN STATION FOR MEANS OF POWER DISCONNECT. COORDINATE & VERIFY EXACT REQUIREMENTS WITH MANUFACTURER. PROVIDE 1" CONDUIT TO DATA ROOM IN ADJACENT BUILDING & TERMINATE. SEE SPECIFICATION SECTION 271100.
- PROVIDE POWER CONNECTION TO AUTOMATIC GATE. PROVIDE MANUAL STARTER CONTROL PANEL COMPARTMENT FOR MEANS OF DISCONNECT. THIS WORK SHALL BE PERFORMED AS PART OF ALTERNATE #7. COORDINATE & VERIFY EXACT REQUIREMENTS WITH MANUFACTURER.
- PROVIDE (2) 2" CONDUITS FROM COMMUNICATIONS MANHOLE TO POLICE KIOSK FOR VOICE DATA CABLE. ROUTE CONDUIT TO BUILDING "B" DATA ROOM B141. SEE CUT BANK SECTION DETAIL AT ON SHEET E10C.
- PROVIDE POLE MOUNTED RECEPTACLES AS SHOWN. RECEPTACLE & POWER CIRCUIT IS TO BE PROVIDED AS PART OF ALTERNATE #8.
- PROVIDE BACK MOUNTED NEMA 3R PANEL SP1L1 AS SHOWN. PROVIDE PAINTED STEEL MOUNTING FRAME SECURED TO NEW GATE FOOTER WITH ADDITIONAL PANEL MOUNTING CONCRETE PAD. SUBMIT DESIGN FOR PAINTED STEEL MOUNTING FRAME TO ENGINEER FOR APPROVAL.
- PROVIDE FIRE ALARM CONTROL PANEL FOR BOND HALL. ALL NEW DEVICES WILL BE CONNECTED TO THIS PANEL. PROVIDE TROUBLE & ALARM CONNECTIONS FROM THE EXISTING FIRE ALARM CONTROL PANEL TO NEW FIRE ALARM CONTROL PANEL. THE EXISTING FIRE ALARM CONTROL PANEL IS ADJACENT TO THIS LOCATION.
- HOMERUN ACCESS CONTROL CIRCUIT FOR GATE TO BUILDING "A" ACCESS CONTROL ROOM A127. SEE ELECTRICAL GATE DETAILS ON SHEET E01A.
- HOMERUN ACCESS CONTROL CIRCUIT FOR GATE TO BUILDING "B" ACCESS CONTROL ROOM B123. SEE ELECTRICAL GATE DETAILS ON SHEET E01A.
- HOMERUN ACCESS CONTROL CIRCUIT FOR GATE TO BUILDING "C" ACCESS CONTROL ROOM C115. SEE ELECTRICAL GATE DETAILS ON SHEET E01A.
- DISCONNECT & REMOVE EXISTING ELECTRICAL BRANCH CIRCUIT TO PARKING DECK & REMOVE EXISTING ELECTRICAL BRANCH CIRCUIT TO PARKING DECK & REMOVE EXISTING ELECTRICAL BRANCH CIRCUIT TO PARKING DECK.
- COORDINATE EXACT PLACEMENT OF M1 SWITCH WITH ENGINEER PRIOR TO PLACEMENT. SWITCH TO BE 10'-0" MINIMUM AWAY FROM ANY ADJACENT SURFACE ON DOOR ACCESS SIDE.
- PROVIDE 2" EMPTY CONDUIT BELOW GRADE WITH PULL CORD FOR FUTURE WATER METERS. EXTEND FROM CENTRAL PLANT TO WATER METER PIT.
- PROVIDE FIRE ALARM CONNECTION TO PV TAMPER SWITCH. PROVIDE 1" CONDUIT WITH FIRE ALARM CABLING FROM CORRESPONDING BUILDING FIRE ALARM SYSTEM CONTROL PANEL TO BUILDING DECKATED PV.

**LINETYPE LEGEND**

- UGP UNDERGROUND PRIMARY
- UOC UNDERGROUND COMMUNICATIONS
- E EXISTING UNDERGROUND ELECTRICAL
- FO EXISTING UNDERGROUND FIBER OPTIC CABLE

**KEY PLAN**



**THE MCCARTY COMPANY**  
 DESIGN GROUP, P.A.  
 OFFICE ADDRESS:  
 533 WEST MAIN STREET  
 TUPELO, MS 38804  
 TELEPHONE:  
 (662) 844-4400  
 FAX:  
 (662) 844-6000

**PROJECT TITLE**  
**USM - CENTURY PARK SOUTH**  
**IHL# 208-297**  
 HATTIESBURG, MISSISSIPPI

**THE UNIVERSITY OF SOUTHERN MISSISSIPPI**

**PROJECT NO:**  
 • 2012020  
**DRAWN BY:**  
 • JDG  
**CHECKED BY:**  
 • JDJ  
**DATE ISSUED:**  
 • 04 MAR 2013

**REVISIONS & ADDENDUMS**

NO.	DESCRIPTION

**SHEET TITLE**  
 SITE PLAN ELECTRICAL  
**SHEET NUMBER**  
 ES100  
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