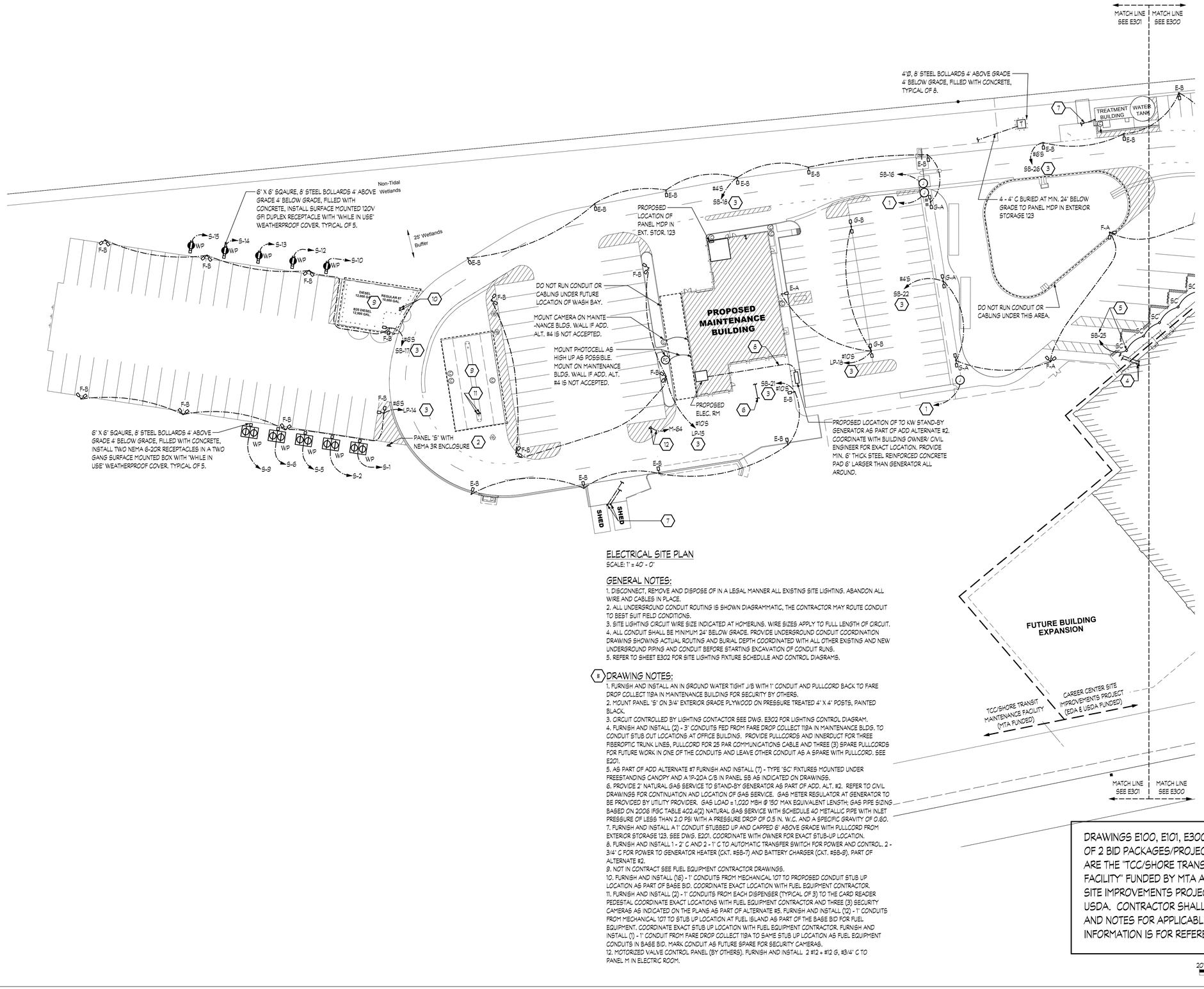

ELECTRICAL SITE PLAN

SCALE: 1" = 40' - 0"

GENERAL NOTES:

1. DISCONNECT, REMOVE AND DISPOSE OF IN A LEGAL MANNER ALL EXISTING SITE LIGHTING. ABANDON ALL WIRE AND CABLES IN PLACE.
2. ALL UNDERGROUND CONDUIT ROUTING IS SHOWN DIAGRAMMATIC, THE CONTRACTOR MAY ROUTE CONDUIT TO BEST SUIT FIELD CONDITIONS.
3. SITE LIGHTING CIRCUIT WIRE SIZE INDICATED AT HOMERUNS. WIRE SIZES APPLY TO FULL LENGTH OF CIRCUIT.
4. ALL CONDUIT SHALL BE MINIMUM 24" BELOW GRADE. PROVIDE UNDERGROUND CONDUIT COORDINATION DRAWING SHOWING ACTUAL ROUTING AND BURIAL DEPTH COORDINATED WITH ALL OTHER EXISTING AND NEW UNDERGROUND PIPING AND CONDUIT BEFORE STARTING EXCAVATION OF CONDUIT RUNS.
5. REFER TO SHEET E302 FOR SITE LIGHTING FIXTURE SCHEDULE AND CONTROL DIAGRAMS.

(#) DRAWING NOTES:

1. FURNISH AND INSTALL AN IN GROUND WATER TIGHT J/B WITH 1" CONDUIT AND PULLCORD BACK TO FARE DROP COLLECT 119A IN MAINTENANCE BUILDING FOR SECURITY BY OTHERS.
2. MOUNT PANEL 'S' ON 3/4" EXTERIOR GRADE PLYWOOD ON PRESSURE TREATED 4" X 4" POSTS, PAINTED BLACK.
3. CIRCUIT CONTROLLED BY LIGHTING CONTACTOR SEE DWG. E302 FOR LIGHTING CONTROL DIAGRAM.
4. FURNISH AND INSTALL (2) - 3" CONDUITS FED FROM FARE DROP COLLECT 119A IN MAINTENANCE BLDG. TO CONDUIT STUB OUT LOCATIONS AT OFFICE BUILDING. PROVIDE PULLCORDS AND INNERDUCT FOR THREE FIBEROPTIC TRUNK LINES, PULLCORD FOR 25 PAR COMMUNICATIONS CABLE AND THREE (3) SPARE PULLCORDS FOR FUTURE WORK IN ONE OF THE CONDUITS AND LEAVE OTHER CONDUIT AS A SPARE WITH PULLCORD. SEE E201.
5. AS PART OF ADD ALTERNATE #7 FURNISH AND INSTALL (7) - TYPE 'SC' FIXTURES MOUNTED UNDER FREESTANDING CANOPY AND A 1P-2DA C/B IN PANEL SB AS INDICATED ON DRAWINGS.
6. PROVIDE 2" NATURAL GAS SERVICE TO STAND-BY GENERATOR AS PART OF ADD. ALT. #2. REFER TO CIVIL DRAWINGS FOR CONTINUATION AND LOCATION OF GAS SERVICE. GAS METER REGULATOR AT GENERATOR TO BE PROVIDED BY UTILITY PROVIDER. GAS LOAD = 1,020 MBH @ 150' MAX EQUIVALENT LENGTH; GAS PIPE SIZING BASED ON 2006 IFGC TABLE 402.4(2) NATURAL GAS SERVICE WITH SCHEDULE 40 METALLIC PIPE WITH INLET PRESSURE OF LESS THAN 2.0 PSI WITH A PRESSURE DROP OF 0.5 IN. W.C. AND A SPECIFIC GRAVITY OF 0.60.
7. FURNISH AND INSTALL A 1" CONDUIT STUBBED UP AND CAPPED 6" ABOVE GRADE WITH PULLCORD FROM EXTERIOR STORAGE 123, SEE DWG. E201. COORDINATE WITH OWNER FOR EXACT STUB-UP LOCATION.
8. FURNISH AND INSTALL 1 - 2" C AND 2 - 1" C TO AUTOMATIC TRANSFER SWITCH FOR POWER AND CONTROL. 2 - 3/4" C FOR POWER TO GENERATOR HEATER (CKT. #SB-7) AND BATTERY CHARGER (CKT. #SB-9). PART OF ALTERNATE #2.
9. NOT IN CONTRACT SEE FUEL EQUIPMENT CONTRACTOR DRAWINGS.
10. FURNISH AND INSTALL (16) - 1" CONDUITS FROM MECHANICAL 107 TO PROPOSED CONDUIT STUB UP LOCATION AS PART OF BASE BID. COORDINATE EXACT LOCATION WITH FUEL EQUIPMENT CONTRACTOR.
11. FURNISH AND INSTALL (2) - 1" CONDUITS FROM EACH DISPENSER (TYPICAL OF 3) TO THE CARD READER PEDESTAL COORDINATE EXACT LOCATIONS WITH FUEL EQUIPMENT CONTRACTOR AND THREE (3) SECURITY CAMERAS AS INDICATED ON THE PLANS AS PART OF ALTERNATE #5. FURNISH AND INSTALL (12) - 1" CONDUITS FROM MECHANICAL 107 TO STUB UP LOCATION AT FUEL ISLAND AS PART OF THE BASE BID FOR FUEL EQUIPMENT. COORDINATE EXACT STUB UP LOCATION WITH FUEL EQUIPMENT CONTRACTOR. FURNISH AND INSTALL (1) - 1" CONDUIT FROM FARE DROP COLLECT 119A TO SAME STUB UP LOCATION AS FUEL EQUIPMENT CONDUITS IN BASE BID. MARK CONDUIT AS FUTURE SPARE FOR SECURITY CAMERAS.
12. MOTORIZED VALVE CONTROL PANEL (BY OTHERS). FURNISH AND INSTALL 2 #12 + #12 G, #3/4" C TO PANEL M IN ELECTRIC ROOM.

DRAWINGS E100, E101, E300, E301, E302 ARE PART OF 2 BID PACKAGES/PROJECTS. THOSE PROJECTS ARE THE "TCC/SHORE TRANSIT MAINTENANCE FACILITY" FUNDED BY MTA AND THE "CAREER CENTER SITE IMPROVEMENTS PROJECT" FUNDED BY EDA & USDA. CONTRACTOR SHALL REFER TO MATCH LINES AND NOTES FOR APPLICABLE SCOPE. REMAINING INFORMATION IS FOR REFERENCE.

GRAPHIC SCALE 1" = 40'-0"

BECKER MORGAN GROUP
ARCHITECTURE ENGINEERING

Dover, DE
309 S. Governors Ave.
Dover, DE 19904
Ph. 302.734.7950
Fax 302.734.7965

Salisbury, MD
312 West Main St. Suite 300
Salisbury, MD 21801
Ph. 410.546.9100
Fax 410.546.5824

Wilmington, NC
3205 Randall Parkway, Suite 211
Wilmington, North Carolina 28403
Ph. 910.341.7600
Fax 910.341.7506

www.beckermorgan.com

Allen & Shariff ENGINEERING
205 East Market Street
Salisbury, Maryland 21801
Tel: 410.341.0200
Fax: 410.341.0400

MORABITO CONSULTANTS, INC.
CONSULTING STRUCTURAL ENGINEERS
952 RIDGEBROCK ROAD, SUITE 1700
SPARKS, GLENCOE, MARYLAND 21152
(410) 467-2377

PROJECT TITLE

CAREER CENTER SITE IMPROVEMENTS PROJECT

EDA# 01-01-14018

31901 TRI-COUNTY WAY
SALISBURY, MD. 21804

100% CD'S
ISSUED FOR BIDDING
07/20/11

SHEET TITLE

ELECTRICAL SITE PLAN

ISSUE BLOCK		
Mark	Date	Description

Revision Schedule

Project Number	2009145.00
Date	07/20/11
Scale	1" = 40'
Drawn By	SM
Checked By	AK

E301

© ALLEN & SHARIFF ENGINEERING, LLC JOB# 1031029