



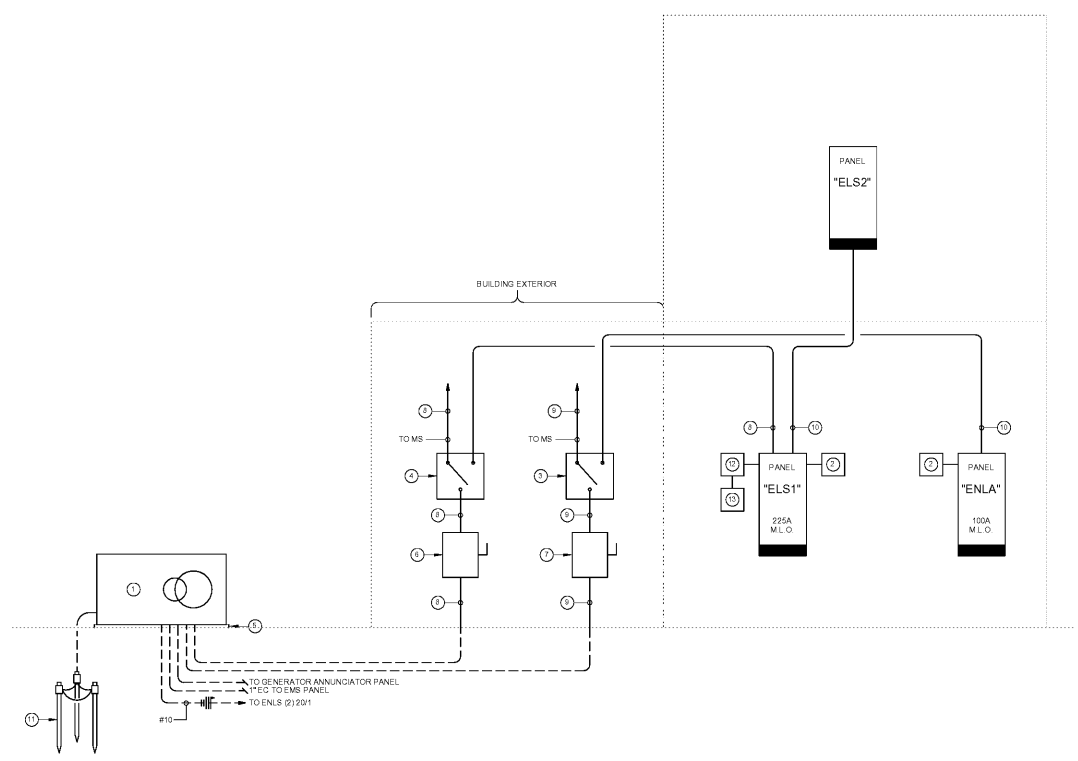
SCOPE DOCUMENTS
The Contract Documents Issued for [Conceptual Design, Schematic Design, Design Development, Partial Construction Documents or Other Issuance up to Issued for Construction] are intended to be at that level of development and as such, may be neither complete nor coordinated. The [Construction Manager, Contractor, Design/Builder] is responsible for complete and coordinated pricing [and execution] of the Work, and shall include items necessary for the proper execution and completion of the Work, as shown, specified, reasonably inferred or required for a complete Project. For Work of designed design, systems, assemblies, components and materials shall comply with national, state and local code requirements. The [Construction Manager, Contractor, Design/Builder] shall inform the Owner and Architect, in timely fashion, of any discovered omissions, inaccuracies or errors in the Contract Documents.

ISSUANCES

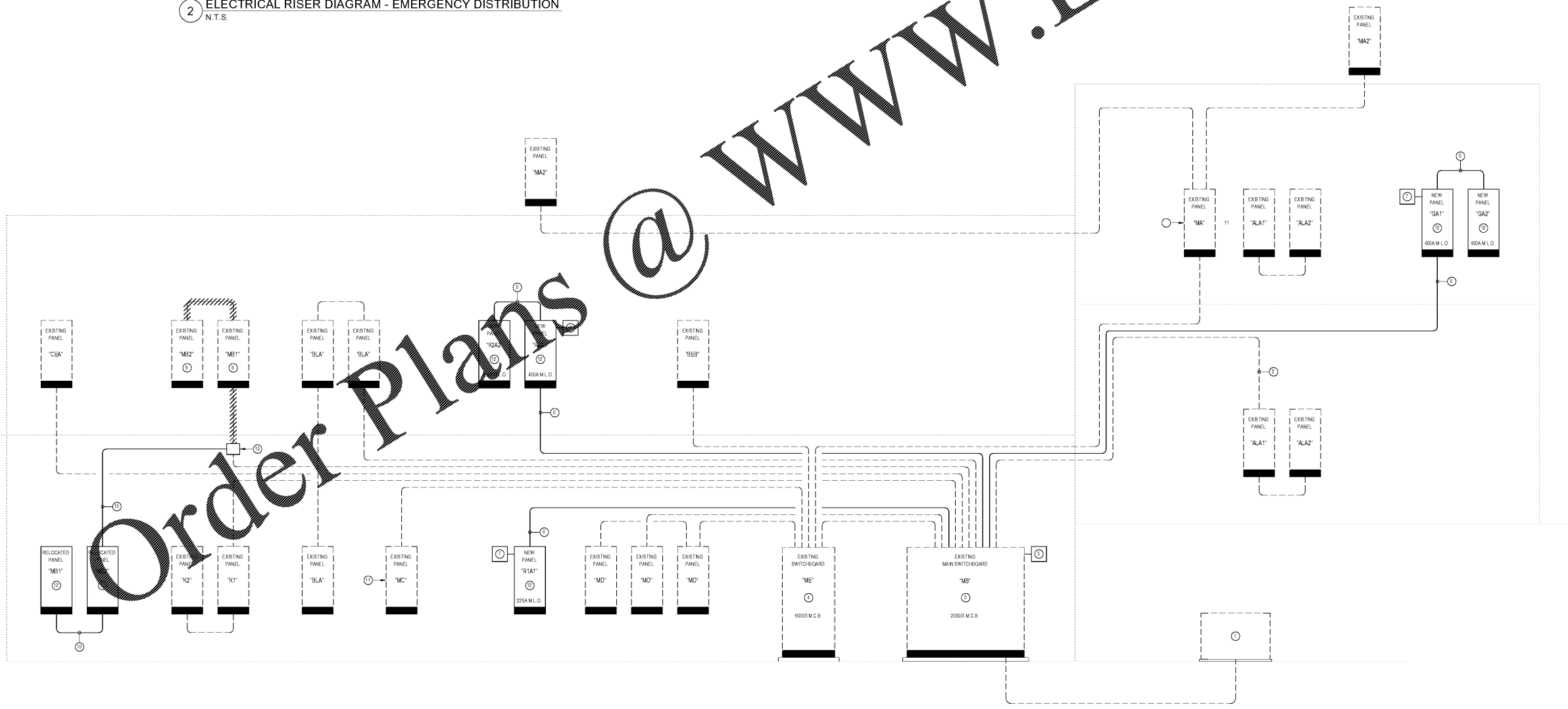
No.	Drawing Issue Description	Date
1	DESIGN DEVELOPMENT	3/18/20

- EMERGENCY RISER DIAGRAM NOTES**
- ① NEW NATURAL GAS EMERGENCY GENERATOR. GENERATOR TO BE 53kW/50kVA, 120/208 VOLT, 3 PHASE, 4 WIRE. PROVIDE 1250 CIRCUIT BREAKER FOR ATS#1 AND 1000 CIRCUIT BREAKER FOR ATS#2.
 - ② SURGE PROTECTION DEVICE, 120/208 VOLT, 3 PHASE, 4 WIRE. SURGE SUPPRESSION IN #K1, #Y1. LIMIT TAP TO 3-0" MAXIMUM.
 - ③ NEW 100 AMP, 4-POLE AUTOMATIC TRANSFER SWITCH "ATS#1" IN NEMA 3R ENCLOSURE.
 - ④ NEW 150 AMP, 4-POLE AUTOMATIC TRANSFER SWITCH "ATS#2" IN NEMA 3R ENCLOSURE.
 - ⑤ PROVIDE NEW GENERATOR PAD PER DETAIL.
 - ⑥ 200 AMP DISCONNECT IN NEMA 3R ENCLOSURE.
 - ⑦ 100 AMP DISCONNECT IN NEMA 3R ENCLOSURE.
 - ⑧ 4#1, 1#6G, 2"IC.
 - ⑨ 4#1, 1#6G, 1-1/4"IC.
 - ⑩ 4#1, 1#10G, 1-1/4"IC.
 - ⑪ PROVIDE CLUSTER OF (3) 3/4"x19-1/2" COPPERWELD GROUND RODS SPACED 6'-0" APART. CONNECT GROUND TO NEUTRAL OF GENERATOR PER N.E.C. 250.30(A). CONNECT GENERATOR FRAME TO GROUND SYSTEM.
 - ⑫ LIGHTING CONTACTOR "LD#1", 6-POLE, WITH H-O-A SWITCH ON COVER, 120-VOLT CONTACTOR IN NEMA 1 ENCLOSURE.
 - ⑬ TORX SERIES, 247 DIGITAL TIME CLOCK.

- NORMAL RISER DIAGRAM NOTES**
- ① EXISTING GEORGIA POWER PAD MOUNTED TRANSFORMER, 120/208 VOLT, 3 PHASE, 4 WIRE. COORDINATE UPGRADE OF TRANSFORMER WITH GEORGIA POWER COMPANY.
 - ② DASHED LINES INDICATE EXISTING FEEDER TO REMAIN, MAINTAIN EXISTING SERVICE TO PANEL.
 - ③ EXISTING MAIN SWITCHBOARD "MS", SEMONS TYPE "RS3" WITH 2000A MAIN BREAKER. PROVIDE THE FOLLOWING NEW BREAKERS RATED FOR 60,000 A.I.C.
 - A. 1500 - PANEL "GA1"
 - B. 4000 - PANELS "GA1" AND "GA2"
 - C. 4000 - PANELS "GA1" AND "GA2"
 - D. 1250 - ATS#1
 - E. 1000 - ATS#2
 - ④ EXISTING SWITCHBOARD "MEP", SEMONS TYPE "RS1" WITH 1000A MAIN BREAKER. PROVIDE THE FOLLOWING NEW FUSIBLE SWITCHES WITH CLASS "RC-1" CURRENT LIMITING, TIME-DELAY FUSES
 - A. 600A/0 - RTU-1
 - B. 1000/100 - RTU-2A
 - C. 1000/100 - RTU-2B
 - ⑤ REMOVE EXISTING SURGE PROTECTION DEVICE AND PROVIDE NEW UNIT. SURGE SUPPRESSION IN #K1, #Y1, LIMIT TAP TO 3-0" MAXIMUM.
 - A. 4#500kcmil, 1#6G, 3-1/2"IC.
 - B. 4#10, 1#6G, 2"IC.
 - ⑥ RELOCATE EXISTING PANELS "MB1" AND "MB2" TO NEW LOCATION BELOW MAIN RAN ALL CLEARANCES PER N.E.C.
 - ⑦ PROVIDE TAP BOX AND NEW CONDUCTORS TO NEW LOCATION OF PANELS "MB1" AND "MB2". (2) SETS OF 4#600kcmil, 1#6G, 3"IC.
 - ⑧ EXISTING PANEL TO BE RELOCATED. REFER TO RELOCATION AND EXTENSION AND RECONNECT ALL EXISTING FEEDERS AND FEEDERS TO NEW LOCATION.
 - ⑨ ALL NEW PANELS TO BE 24-CONDUCT WITH FEED THRU LUGS AS REQUIRED.



② ELECTRICAL RISER DIAGRAM - EMERGENCY DISTRIBUTION
N.T.S.



① ELECTRICAL RISER DIAGRAM - NORMAL DISTRIBUTION
N.T.S.

PROJECT NUMBER: 20190108-PROJECT NAME: BARACK & MICHELLE OBAMA ACADEMY
SHEET NUMBER: E7.01 - ELECTRICAL RISER DIAGRAM, NOTES AND SCHEDULES
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3/16/2020 4:26:19 PM

FTE - 450
EXISTING IU - 38
PROPOSED IU - 33

BARACK & MICHELLE OBAMA
ACADEMY



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ATLANTA PUBLIC SCHOOL

ELECTRICAL RISER DIAGRAM, NOTES
AND SCHEDULES

ROBERT JUST	20190109
Principal/Charge	Project No.
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Project Manager	Date
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Project Architect	
E. SAADAT	
Staff Architect	
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Interior Design	

E7.01