



MAIN ELECTRICAL ROOM - GYM BUILDING

BGE UTILITY GRID  
BGE TRANSFORMER No. 400001 (EX.)  
34500-480/277V  
2000KVA

MAIN SWITCHBOARD

BGE CT CABINET (EX.)

2000A SIEMENS (EX.)  
"WLS2F320" MAIN SERVICE CIRCUIT BREAKER CABINET (EX.)

DISTRIBUTION CABINET (EX.)

2000A, 480Y/277V, 3Ø, 4W 65KA

1200A

225A

225A

225A

400A SIEMENS

400A SIEMENS

G3 500KW, 480/277V 3Ø, 4-W (EXISTING) 400A

GENERATOR AREA

MAIN ELECTRICAL ROOM CA BUILDING

75KVA 480-208/120V (EX.)

PANEL K 225A 208/120V (EX.)

PANEL K 225A 208/120V (EX.)

PANEL HVD (EX.) 1200A, 480Y/277V, 65KA

125A

35A

20A

80A

50A

20A

225A

225A

300A

225A

PWAC-1

ERU-1

ERU-2

ERU-4

PWAC-3

PWAC-6

PANEL HV2 225A 480/277V (EX.)

PANEL HV1 225A 480/277V (EX.)

225KVA 480-208/120V (EX.)

30KVA 480-208/120V (EX.)

PANEL EL-1 100A 208/120V (EX.)

PANEL HV3 225A 480/277V (EX.)

PANEL LV2 225A 208/120V (EX.)

PANEL LV2 225A 208/120V (EX.)

PANEL LVD 800A 208/120V (EX.)

PANEL LV1 225A 208/120V (EX.)

PANEL LV1 225A 208/120V (EX.)

PANEL EH-1 100A 480/277V (EX.)

30KVA 480-208/120V (EX.)

PANEL EL-1 100A 208/120V (EX.)

PANEL LSM1 100A 208/120V (EX.)

PANEL LM1 225A 208/120V (EX.)

PANEL LSV 400A 208/120V (EX.)

PANEL LMV 400A 208/120V (EX.)

PANEL LS2 100A 208/120V (EX.)

PANEL LM2 225A 208/120V (EX.)

PANEL GHS 100A 480/277V (EX.)

PANEL LSH 400A 480/277V (EX.)

112.5KVA 480-208/120V (EX.)

PANEL LSD 400A 208/120V (EX.)

225KVA 480-208/120V (EX.)

600A (EX.)

11/06/2014  
BID ISSUE

DISTRICT OF COLUMBIA  
DEPARTMENT OF GENERAL SERVICES

NEW BEGINNINGS YOUTH CENTER  
8400 RIVER ROAD  
LAUREL, MD. 20742

DYRS NEW GENERATOR INSTALLATION  
SINGLE LINE DIAGRAM - DEMOLITION

DRAWN BY AL  
DESIGNED BY AL  
REVIEWED BY MB

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 45509 EXPIRATION DATE: 06-04-2016

1 SINGLE LINE DIAGRAM - DEMOLITION  
E-603E-603 SCALE: NTS

CCJM ENGINEERING INFRASTRUCTURE SOLUTIONS  
Washington, D.C.

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Fax: (202) 362-5541

SCALE: AS SHOWN DATE: 08/15/2014  
DRAWING NO. SHEET 24 OF 27

E-603CR