

POTATO CREEK WWTP EMERGENCY GENERATORS
BID #16-022
CITY OF GRIFFIN

FROM: PARAGON CONSULTING GROUP, INC.
118 NORTH EXPRESSWAY
GRIFFIN, GA 30223

TO: ALL VENDORS OF RECORD

RE: Addendum No. 1, dated April 7, 2016

This Addendum forms a part of the Contract Documents and modifies the original Invitation to Bid dated March 25, 2016.

This Addendum consists of one (1) page and two (2) plan sheets.

CONTRACT DOCUMENTS AND SPECIFICATIONS

- Add. 1.1 **Question:** Is there a single line drawing available for this project?
Answer: Plan sheets E-2A and E-2D are attached to this addendum.
- Add. 1.2 **Question:** Is a plan holder list published?
Answer: The City of Griffin does not have a way to publish a plan holder list since the bid information is publicly available.
- Add. 1.3 **Clarification:** The last day to submit questions regarding the generator bid is Wednesday, April 13, 2016 at 12:00PM.

End of Addendum No. 1

KEY NOTES

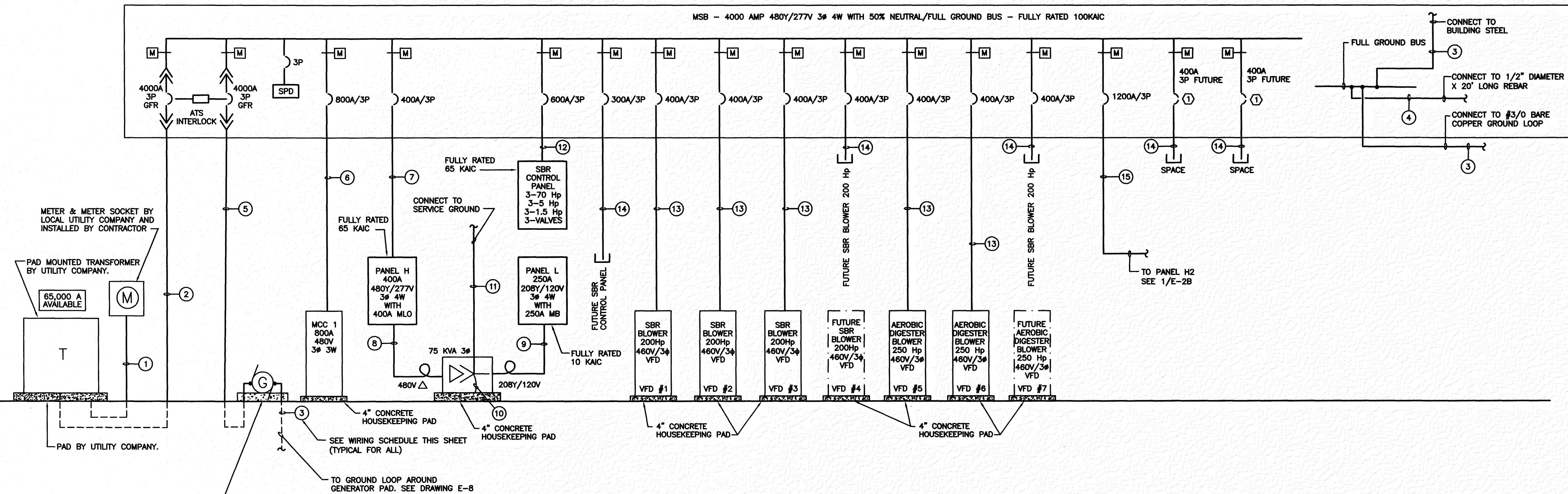
① INCLUDE MOUNTING HARDWARE IN MSB

WIRING SCHEDULE

- ① 1 1/2" EMPTY CONDUITS FOR UTILITY METER LEADS.
 - ② 10 RUNS - 3 - 600 KCML + 1#1/0 NEUTRAL IN 3" C. (EA)
 - ③ 1#3/0 IN 1" PVC C.
 - ④ 1#4 THWN IN 3/4" PVC C.
 - ⑤ 10 RUNS - 3 - 600 KCML + 1#1/0 NEU. + 1 - 500 KCML G IN 4" C. (EA)
 - ⑥ 2 RUNS - 3 - 600 KCML + 1#1/0G IN 3" C. (EA)
 - ⑦ 4 - 600 KCML + 1#3G IN 3 1/2" C.
 - ⑧ 3#1 + 1#6G IN 1 1/4" C.
 - ⑨ 4 - 250 KCML + 1#2G IN 2 1/2" C.
 - ⑩ #2
 - ⑪ 1#2 IN 3/4" PVC C.
 - ⑫ 2 RUNS - 3 - 350 KCML + 1#1G IN 2 1/2" C. (EA)
 - ⑬ 3 - 600 KCML + 1#3G IN 3" C.
 - ⑭ 3" EMPTY C. (STUB OUT OF PANEL AND CAP)
 - ⑮ 4 RUNS - 3 - 600 KCML + 1#3/0G IN 3 1/2" C. (EA)
- ALL CONDUCTORS ARE TO BE COPPER

SWITCHBOARD MSB-1

MSB - 4000 AMP 480Y/277V 3Φ 4W WITH 50% NEUTRAL/FULL GROUND BUS - FULLY RATED 100KAIC



1 PARTIAL ONE LINE DIAGRAM
E-2A SCALE: NTS

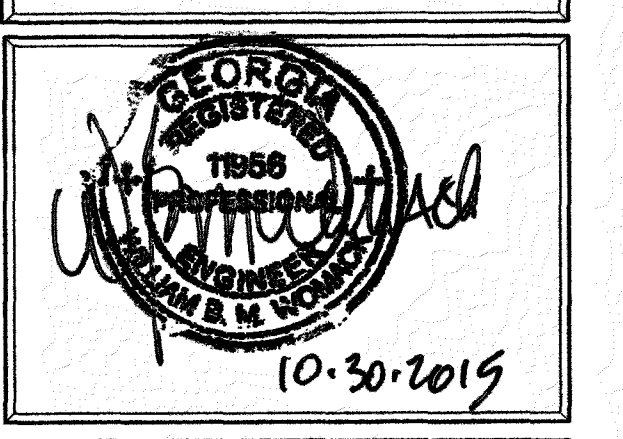
PARAGON
CONSULTING GROUP

118 n. expressway griffin, georgia 30223
phone (770) 412-7700 fax (770) 412-7744

PLANT EXPANSION PLANS FOR
POTATO CREEK WPCP
EXPANSION FROM
2.0 TO 3.0 MGD
LOCATED IN LANDLOT 217 OF THE 2nd DISTRICT, LAMAR COUNTY

The client acknowledges that these documents are the work papers of Paragon Consulting Group, Inc. and are their instruments of professional service. These documents shall not be reused or modified in any way without the prior written authorization of Paragon Consulting Group, Inc.

SHEET:
PARTIAL ONE LINE DIAGRAM A



W&A PROJECT NUMBER - 14046

WOMACK & ASSOCIATES

2300 Lake Park Dr, Suite 250
Suwanee, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388
PLOT SCALE: 1" = 1'

No.	Revisions:	Date

Project No. 13092.00 Issue Date: OCT, 2015
Drawn By: CPP Checked By: BMW

E-2A

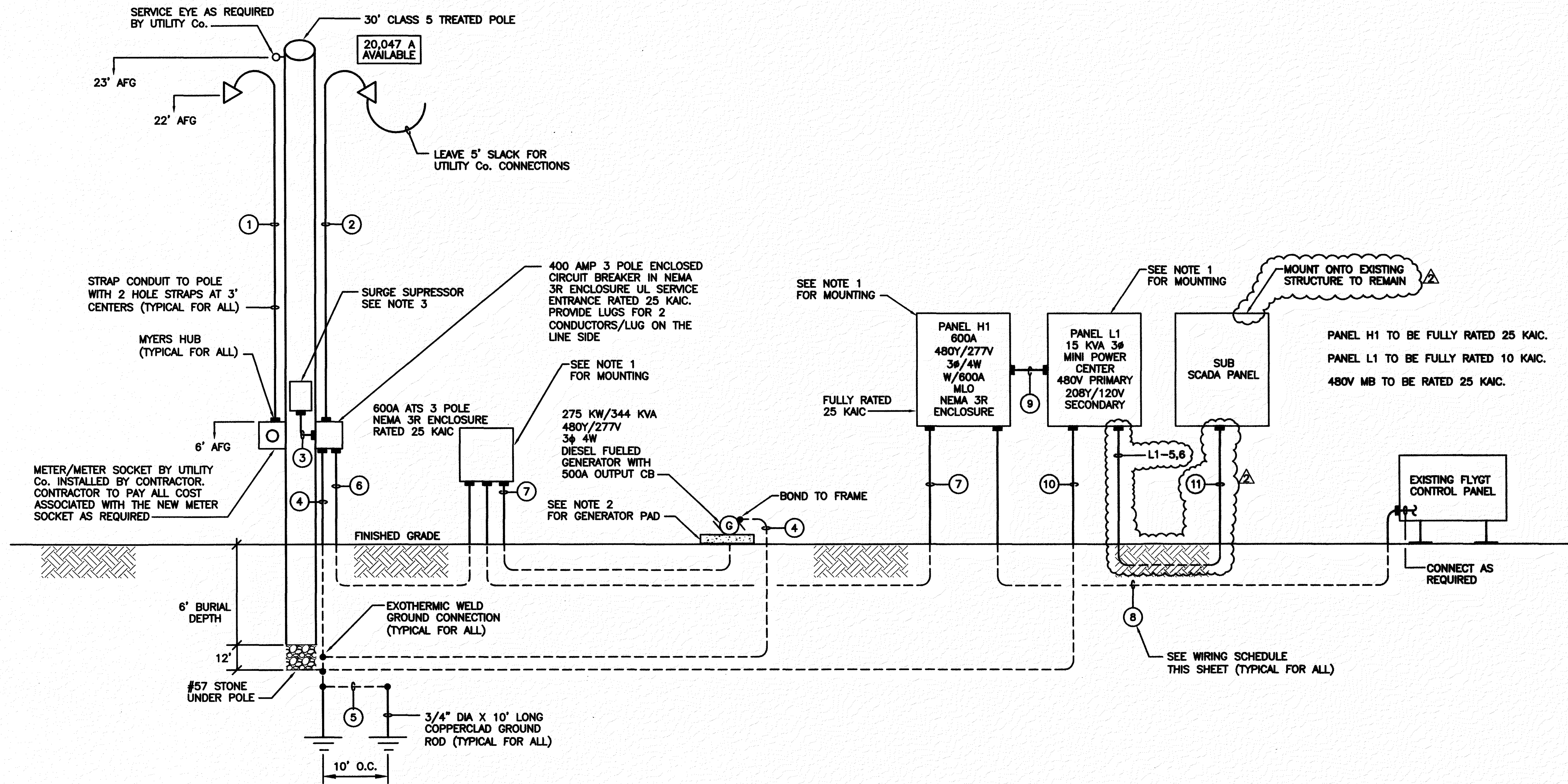
NOTES

- CONTRACTOR SHALL PROVIDE AND INSTALL FIELD FABRICATED SUPPORTS FOR PANELS. SUPPORTS SHALL BE 3" X 3" X 1/4" THICK ANGLE IRON FRAMES, MIN. OF 2 DOWN LEGS PER PANEL AND MINIMUM OF 2 CROSS BRACES PER PANEL. PROVIDE ADDITIONAL LEGS AND CROSS BRACES IF REQUIRED TO STABILIZE THE PANEL. HOT DIP GALVANIZE COMPLETED FRAMES PRIOR TO INSTALLATION. ALL REQUIRED HARDWARE INCLUDING ALL NUTS, BOLTS, WASHERS, ETC. SHALL BE GALVANIZED STEEL OR STAINLESS STEEL.
- PROVIDE GENERATOR BASE, TYPICAL TO DETAIL 1/E-1 EXCEPT MAKE 4" ABOVE GRADE AND 6" BELOW GRADE WITH ONLY ONE REBAR MESH USING #4 BAR AT 12" O.C. EACH WAY IN CENTER OF CONCRETE. BASE TO BE 3" LARGER ON ALL SIDES THAN THE GENERATOR/SUB BASE TANK.
- PROVIDE AND INSTALL SURGE SUPPRESSOR IN NEMA 4X STAINLESS STEEL ENCLOSURE. MOUNT AS CLOSE TO MAIN FUSIBLE DISCONNECT SWITCH AS POSSIBLE. CONNECT BETWEEN LINE SIDE OF DISCONNECT AND SURGE SUPPRESSOR. SURGE SUPPRESSOR TO BE EATON CAT #PTE160-3Y201-D-SD-L OR APPROVED EQUAL. INSTALL IN NEMA 4X ENCLOSURE, HOFFMAN #A-24H2412SSLP W/ A-24P24 PANEL OR APPROVED EQUAL.

WIRING SCHEDULE

- 1 1/2" EMPTY RGS C FOR METERING LEADS (BY OTHERS)
- 4 - 600 KCMIL IN 3 1/2" RGS C.
- 4#8 + 1#6G IN 1" RGS C.
- 1#1/0 IN 3/4" PVC C.
- #6
- 4 - 600 KCMIL + 1#3G IN 4" RGS C.
- 2 RUNS - 4 - 250 KCMIL + 1#2G IN 2 1/2" RGS C. (EA)
- 3 - 350 KCMIL + 1#4G IN 3" RGS C.
- 3#8 + 1#10G IN 3/4" RGS C.
- 1#6G IN 3/4" PVC C.
- 4#12 + 1#12G IN RGS C.

ALL CONDUCTORS ARE TO BE COPPER



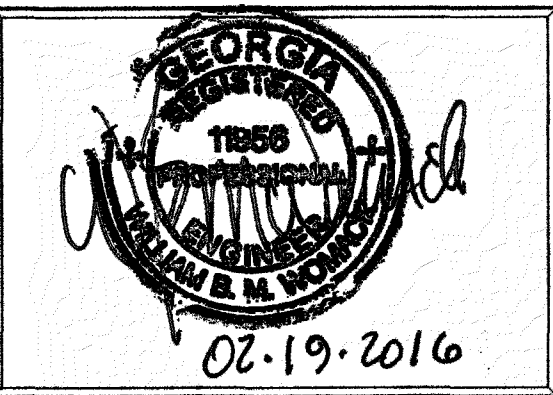
1 POWER RISER DIAGRAM -SERVICE NO. 2
E-2D SCALE: NTS

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SHEET:



Project No. 13092.00 Issue Date: OCT, 2015
Drawn By: CPP Checked By: WBMW

E-2D

W&A PROJECT NUMBER - 14046

2300 Lake Park Dr, Suite 250
Smyrna, Georgia 30080
Voice 770-458-3005 Fax 770-458-8388
PLOT SCALE: 1 = 1

No.	Revisions:	Date
1	POST BID REVISIONS	02.19.2016