City of North Miami Beach, Florida

ADMINISTRATIVE SERVICES

ADDENDUM NO. 5

April 8, 2009

INVITATION TO BID

SUBJECT: **PROVIDE GENERATOR AND FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS TO INSTALL THE GENERATOR AND COMPLETE THE CITY HALL GENERATOR REPLACEMENT PROJECT**

NEW DATE & TIME: **APRIL 16, 2009 AT 11:00 A.M.**

SUBMIT TO: **CITY HALL, ADMINISTRATIVE SERVICES**
ROOM 315, THIRD FLOOR
17011 N.E. 19 AVENUE
NORTH MIAMI BEACH, FLORIDA 33162

BID NUMBER: **#2009-05**

Please note the following changes to our specifications:

PART I - RESPONSES TO QUESTIONS

A. Mills Electric Service, Inc. letter dated March 30, 2009.

Comment No. I E-02 and E-03 still do not have a scale on them. We need scale of drawing for measurement of conduit runs.

Response No. 1 Scale shall be 1"=20'-O" for Sheets E-02 and E-03 (24" x 36" Plans). Provide an additional 20% linear feet when measuring conduit and wire runs on sheets E-02 and E-03.

Comment No. 2 Permit fees. Do we include permit fees or are they waived for the City or is there to be an allowance for them?

Response No.2 City permit fees will be waived. Contractor shall be responsible for all other applicable permit fees.

Comment No. 3 Is T-3 pad mount liquid filled?

Response No. 3 T-3 is a dry type pad mount rated NEMA 3R with weathershield.

Comment No. 4 Are all other transformers T-I & T-2 dry type?

Response No. 4 Yes.

Comment No. 5 Were anymore generator manufacturers added to the approved list or is still per the original spec.

Response No. 5 Generator manufacturers shall be per the original spec.

17011 N.E. 19 Avenue, North Miami Beach, Florida 33162-3100 • 305-948-2946 • 305-948-2976 • FAX 305-957-3522 • citynmb.com

B. Electrical Contracting Service, Inc. email dated March 25, 2009.

Comment No. I Transformer T3 on sheet E-05 shows to be liquid filled (could you provide manufacturer & specification on this item?) Also, TI & T2 are the same size & voltage. Are these 2 dry type transformers?

Response No. 1 T-3 shall be a dry type pad mounted transformer rated NEMA 3R with weathershield. Ti & 12 shall be dry type transformers.

Comment No. 2 Is F.P.L. to supply & install new manhole at location of service feeder intercept sheet E-03 site plan?

Response No. 2 New manhole shall be furnished and installed by Contractor. Refer to detail on sheet E-12.

Comment No. 3 In lieu of installing the 800 amp feeder from electric room #2 to electric room #1 underground (duct bank) can the feeder be run overhead & under overhang? This would be a cost savings for the project.

Response No. 3 800-amp feeder shall be installed as shown on the plans.

Comment No. 4 Sheet F-09: Is it the intent that the feeders from the new generator to electric room #2 be installed under the existing floor slab or can they be installed exposed on outside of new wall and routed overhead in electric room #2? Also, the bonding of electric room #2 can that be installed exposed within electric room #2 and not underground as shown?

Response No. 4 Exterior conduit from the new generator to existing Electric Room No. 2 shall be installed underground, then exposed wall mounted exterior to Electric Room No. **2. Conduit internal to existing** Electric Room No. 2 shall be installed exposed and overhead. Grounding internal to electric room #2 shall be installed in 1" schedule 40 PVC exposed conduit.

Comment No. 5 Is the new wall on sheet 5-2 to be finished plaster to match existing? Also, is new wall required to be painted?

Response No. 5 Refer to revised specification description noted below.

C. Electrical Contracting Service, Inc. email dated April 6, 2009,

Comment No. 1 Re: Alt #1 Ductbank section D-D shows two - 4" conduits for T-3 from panel MDP3. Sheet F-OS single line diagram shows 2 - 2" with 3 - 3/0 and I - #2 each, for T-3. Also duct bank F-F on sheet E-O9 shows only I - 4" conduit for T-3. Which is correct?

Response No. 2 Sheet E-05 single line diagram is correct. It should be two (2) 2" conduits.

Comment No. 2 Please review sheet E-09 duct bank F-F section. The feeder for T3 should show as well.

Response No. 2 Refer to revised sheet E-09 issued in this addendum. Iwo (2) 2" conduits have been added.

PROVIDE GENERATOR AND FURNISH ALL MATERIALS, LABOR, EQUIPMENT, TOOLS AND INCIDENTALS TO INSTALL THE GENERATOR AND COMPLETE THE CITY HALL GENERATOR REPLACEMENT PROJECT

PART 2- SPECIFICATIONS

A. Page 34 of 70— 16050, 1.12 **INSERT** "F. The CONTRACTOR shall match existing paint and finish for the new wall required by the structural drawings.

PART 3— Drawings

A. DELETE Sheet E-03 and INSERT revised Sheet E-03 attached is this addendum.

B. DELETE Sheet E-05 and INSERT revised Sheet E-05 attached is this addendum.

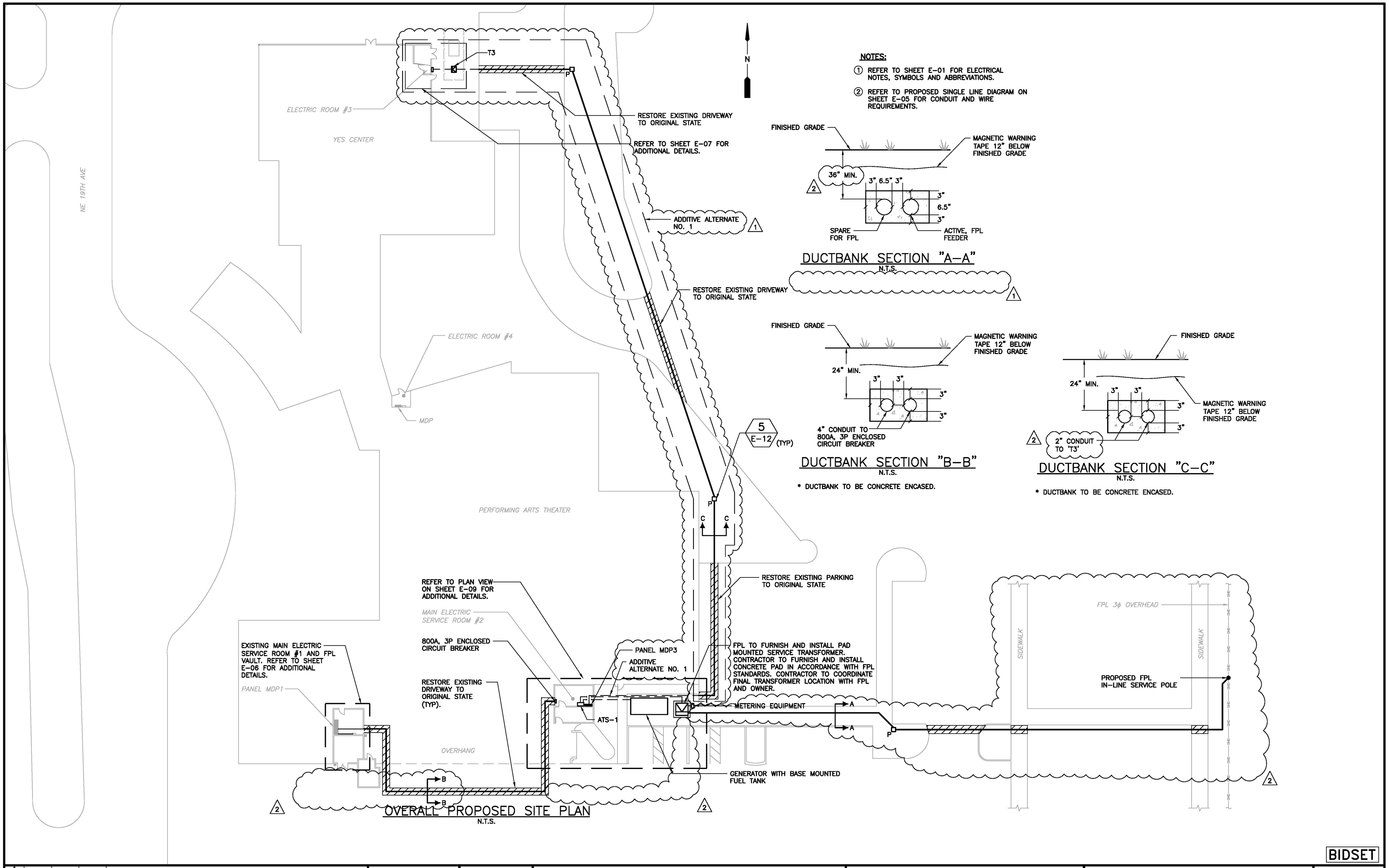
C. DELETE Sheet E-09 and INSERT revised Sheet E-09 attached is this addendum.

Thank you,
Donna Chung
Administrative Assistant

PLEASE SIGN THIS PAGE BELOW ACKNOWLEDGING RECEIPT OF THIS ADDENDUM AND RETURN WITH YOUR SEALED BID.

NAME OF COMPANY:_____
PRINT NAME OF COMPANY SUBMITTING BID

SIGNATURE:_____ DATE: _____
(PRINT AND SIGN NAME IN INK)



BIDSET

REV.	DATE	DRAWN	CHK'D.	DESCRIPTION
1	3/09	EJK	SEB	ADDENDUM NO. 3
2	4/09	RRM	SEB	ADDENDUM NO. 5

REVISIONS

Designed by: DD
Drawn by: DD
Checked by: JPM
Approved by: SEB
Date: MAY 2008

4733 W. ATLANTIC AVE., SUITE 12-C
DELRAY BEACH, FLORIDA 33445
PHONE: (561) 819-0488
C.O.A. NO. 6783
Stephen E. Bailey, P.E.
Florida P.E. No. 42461
ENGINEERING CONSULTANTS BAILEY

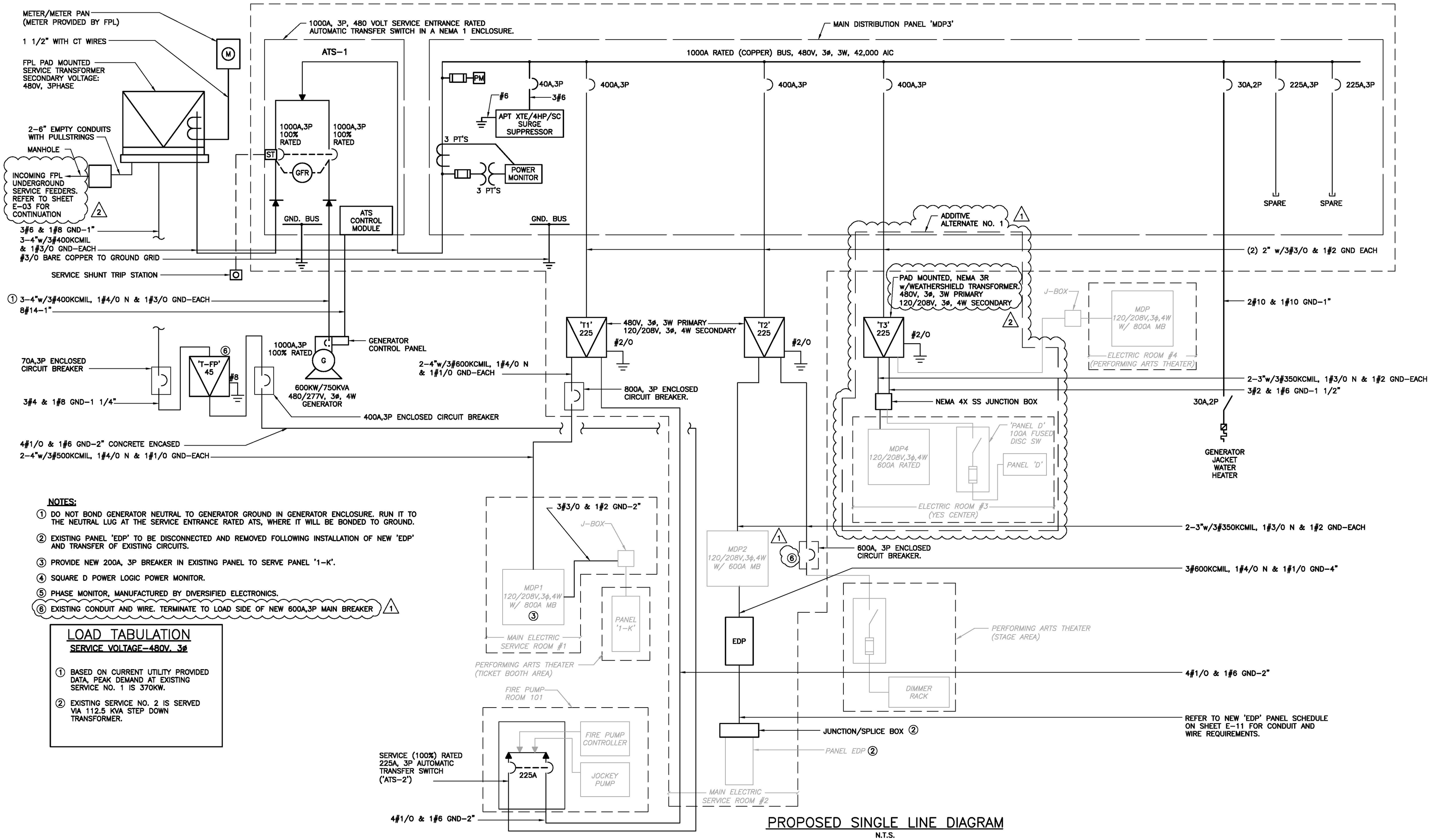
CITY OF NORTH MIAMI BEACH
CITY HALL GENERATOR REPLACEMENT

OVERALL PROPOSED SITE PLAN

FILE NAME: E-03 OVERALL SITE

SHEET NO. E-03

F:\Active Projects\North Miami Beach, City of\City Hall Generator\9_Addendum No. 5\Sheet\E-03 OVERALL SITE.dwg, 24 X 36, 4/8/2009 8:39:34 AM, rrym



PROPOSED SINGLE LINE DIAGRAM

N.T.S.

NOTES:

1. DO NOT BOND GENERATOR NEUTRAL TO GENERATOR GROUND IN GENERATOR ENCLOSURE. RUN IT TO THE NEUTRAL LUG AT THE SERVICE ENTRANCE RATED ATS, WHERE IT WILL BE BONDED TO GROUND.
2. EXISTING PANEL 'EDP' TO BE DISCONNECTED AND REMOVED FOLLOWING INSTALLATION OF NEW 'EDP' AND TRANSFER OF EXISTING CIRCUITS.
3. PROVIDE NEW 200A, 3P BREAKER IN EXISTING PANEL TO SERVE PANEL '1-K'.
4. SQUARE D POWER LOGIC POWER MONITOR.
5. PHASE MONITOR, MANUFACTURED BY DIVERSIFIED ELECTRONICS.
6. EXISTING CONDUIT AND WIRE. TERMINATE TO LOAD SIDE OF NEW 600A,3P MAIN BREAKER 1

LOAD TABULATION

SERVICE VOLTAGE-480V, 3ø

1. BASED ON CURRENT UTILITY PROVIDED DATA, PEAK DEMAND AT EXISTING SERVICE NO. 1 IS 370KW.
2. EXISTING SERVICE NO. 2 IS SERVED VIA 112.5 KVA STEP DOWN TRANSFORMER.

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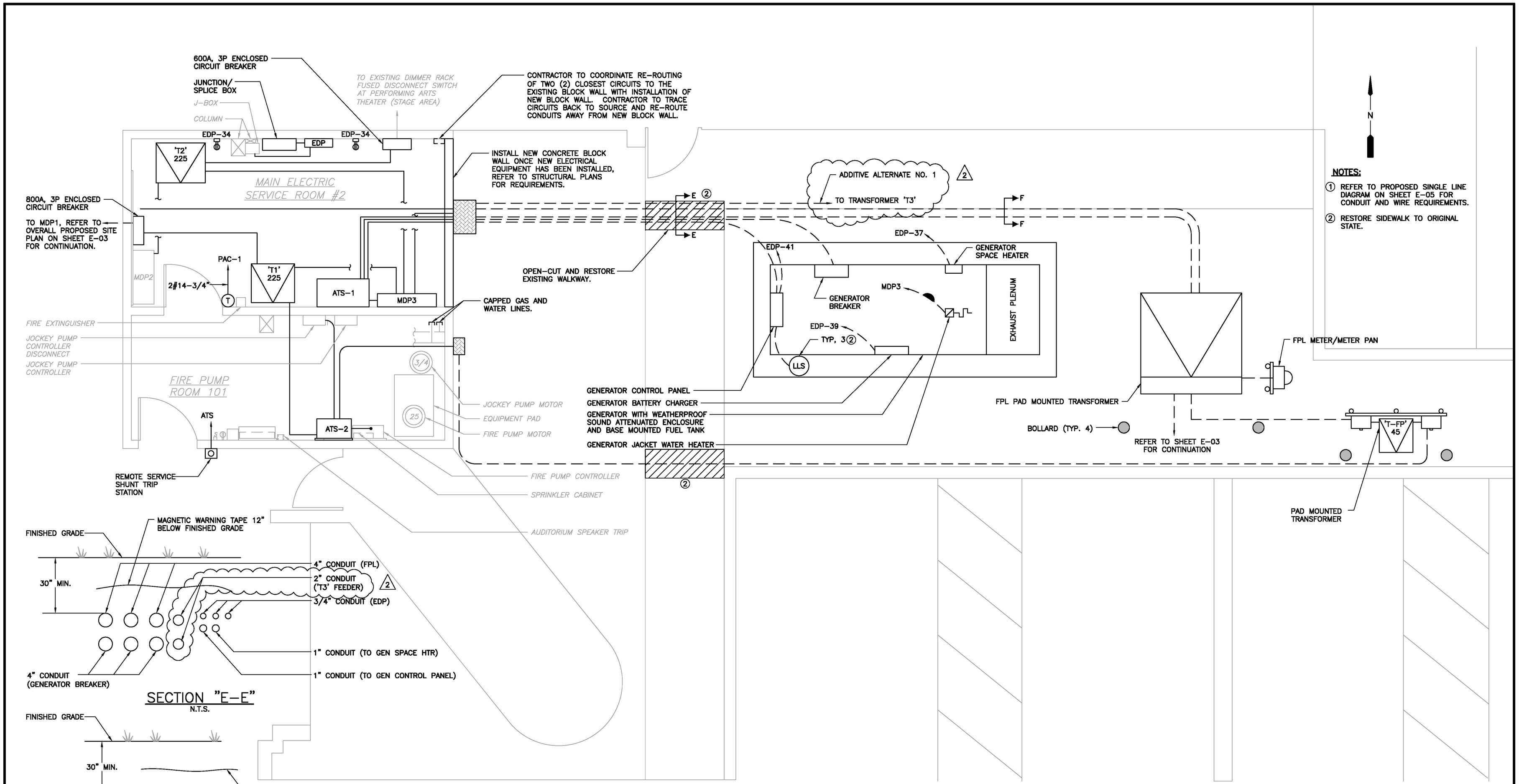
CITY OF NORTH MIAMI BEACH
CITY HALL GENERATOR REPLACEMENT

PROPOSED SINGLE LINE DIAGRAM

FILE NAME: E-05 SLINE

SHEET NO. E-05



MAIN ELECTRIC SERVICE ROOM #2 & GENERATOR ELECTRICAL PLAN VIEW

SCALE: 3/8"=1'-0"

12" 0 1 2 4'

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MAIN ELECTRIC SERVICE ROOM #2 & GENERATOR ELECTRICAL PLAN VIEW

FILE NAME: E-09 PLAN VIEW

SHEET NO. E-09