

UPS BUILDING
PHASE A DEMOLITION PLAN

- GENERAL DEMO NOTES:**
1. ALL DEMO SHALL BE TO SQUARE FOOTPRINT, EXCEPT THE SHALL REMAIN TO A MINIMUM OF 4" ABOVE FINISH FLOOR AND DOWN THE ENTIRE FACIES AND SIDE.
- PHASE A DEMOLITION NOTES:**
1. EXISTING DEMOLITION TO REMAIN.
 2. EXISTING AND EXIST TO REMAIN.
 3. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.
 4. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.
 5. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.
 6. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.
 7. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.
 8. EXISTING AND EXISTED UP TO 1" ABOVE FINISH FLOOR FOR USE FOR EXISTING DEMOLITION.

THIS PLAN IS THE PROPERTY OF THE ENGINEER. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER.



ISSUE LOG		
NO.	DATE	DESCRIPTION
1	04.13.2012	NO LAND PERMIT
2	08.31.2012	CITY COMM AND ADO.
3	10.24.2012	NO ADO. ER

CONSULT (PARTIAL):
 ZIMMERMANN ENGINEERS, INC.
 1000 WEST 17TH STREET
 HOUSTON, TX 77002
 V. 713.780.5848
 C. 713.780.5848
 CONTACT: DAVID SIMMONS, PE

Professional: Structural/Architectural
 4117 AMBERWOOD BLVD, SUITE 200
 HOUSTON, TX 77008
 V. 713.854.2888
 F. 713.854.2888
 BUA Project # 11172
 Contact: Craig Ryan, JAA

Structural
 CUB Engineers
 1400 WESTVIEW DR, SUITE 305
 HOUSTON, TX 77005
 V. 713.780.5848
 C. 713.780.5848
 Contact: Harlan Koenig, PE

REMARKS:
 THE ENGINEER IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO HIMSELF. THE USER OF THIS PLAN SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED TO HIMSELF.

PROJECT NAME:
 City of Houston
 Emergency Generator Relocation
 62 Pflaumer
 Houston, TX 77002

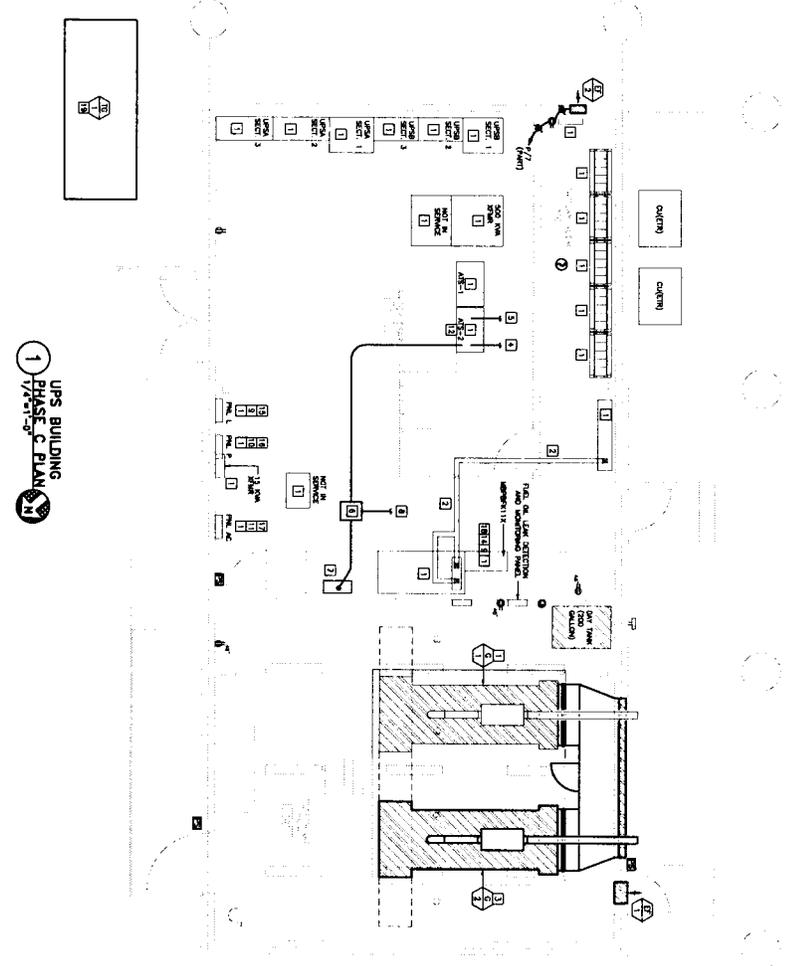
CITY OF HOUSTON
 GENERAL SERVICES
 DEPARTMENT

REVIEWED:
 DATE: _____
 DRAWN BY: _____
 CHECKED BY: _____

SHEET TITLE:
 PHASE A
 DEMOLITION PLAN

SHEET NO.:
 PH-A1

CITY DWG. NO.:



UPS BUILDING
PHASE A PLAN

NOT BE USED FOR CONSTRUCTION PURPOSES
THIS PLAN IS THE PROPERTY OF THE CONSULTANT AND IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. IT IS TO BE KEPT IN THE OFFICE OF THE CONSULTANT AND IS NOT TO BE REPRODUCED OR COPIED IN ANY MANNER WITHOUT THE WRITTEN PERMISSION OF THE CONSULTANT.

PHILIPSON
PHILIPSON CONSULTANTS
11111 RICHMOND AVE., SUITE 100
HOUSTON, TEXAS 77036
713.865.1111
www.philipson.com

PH-C
SHEET NO. 1
CITY DWG. NO. 1

PHASE C

DATE: 10/24/2012
SCALE: 1/8"=1'-0"
DRAWN BY: JDO
CHECKED BY: JDO

CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

PROJECT NAME:
City of Houston
Emergency Generator Relocation
Houston, TX 77002

REVIEWED:

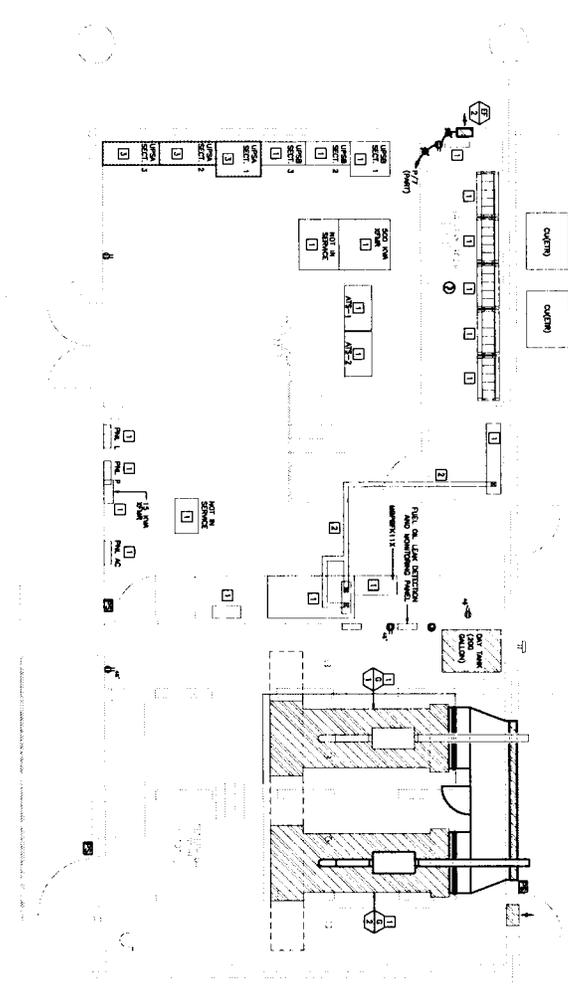
CONSULTANT:
Philipson
2808 Westwood Dr., Suite 200
Houston, TX 77024
V: 713.865.1111
C: 713.865.1111
www.philipson.com

Structural:
CIG Engineers
3200 Westwood Dr., Suite 505
Houston, TX 77024
V: 713.865.1111
C: 713.865.1111
www.cig-engineers.com

NO.	DATE	DESCRIPTION
1	04.13.2012	ISSUE LOG
2	08.31.2012	ISSUE LOG
3	10.24.2012	ISSUE LOG

PH-C

UPS BUILDING
 PHASE D DEMOLITION PLAN



- GENERAL NOTES:**
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS FOR CONSTRUCTION.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS FOR CONSTRUCTION.
 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON SPECIFICATIONS FOR CONSTRUCTION.
- PHASE A INSTALLATION PLAN:**
1. EXISTING FOUNDATION TO REMAIN.
 2. EXISTING WALLS TO REMAIN.
 3. EXISTING ROOF TO REMAIN.

THIS PLAN IS THE PROPERTY OF THE ENGINEER AND ARCHITECT. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. ANY REUSE OR MODIFICATION OF THIS PLAN WITHOUT THE WRITTEN CONSENT OF THE ENGINEER AND ARCHITECT IS PROHIBITED.



HENDERSON ENGINEERS INC.
 3000 Westport Dr., Suite 200
 Houston, TX 77042
 V: 713.763.1707
 F: 713.763.1708
 C: 713.763.1709
 E: info@henderson-engineers.com
 www.henderson-engineers.com

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	04.13.2012	REV AND PERMIT
2	08.31.2012	CITY COMMENTS
3	09.20.12	REV AND PER

CONSULTANTS:

MEP
 Henderson Engineers Inc.
 3000 Westport Dr., Suite 200
 Houston, TX 77042
 V: 713.763.1707
 F: 713.763.1708
 C: 713.763.1709
 E: info@henderson-engineers.com
 www.henderson-engineers.com

Architect: Berrymitchell
 4617 Ardmore Blvd., Suite C200
 Houston, TX 77006
 V: 713.864.4888
 F: 713.864.4888
 E: info@berrymitchell.com
 www.berrymitchell.com

Structural
 C-10 Engineers
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 Houston, TX 77042
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 C: 713.763.1346
 E: info@c-10engineers.com
 www.c-10engineers.com

PROJECT NAME:
 City of Houston
 Emergency Generator Relocation
 62 Number
 Houston, TX 77002

CITY OF HOUSTON
 GENERAL SERVICES
 DEPARTMENT

REVISIONS:

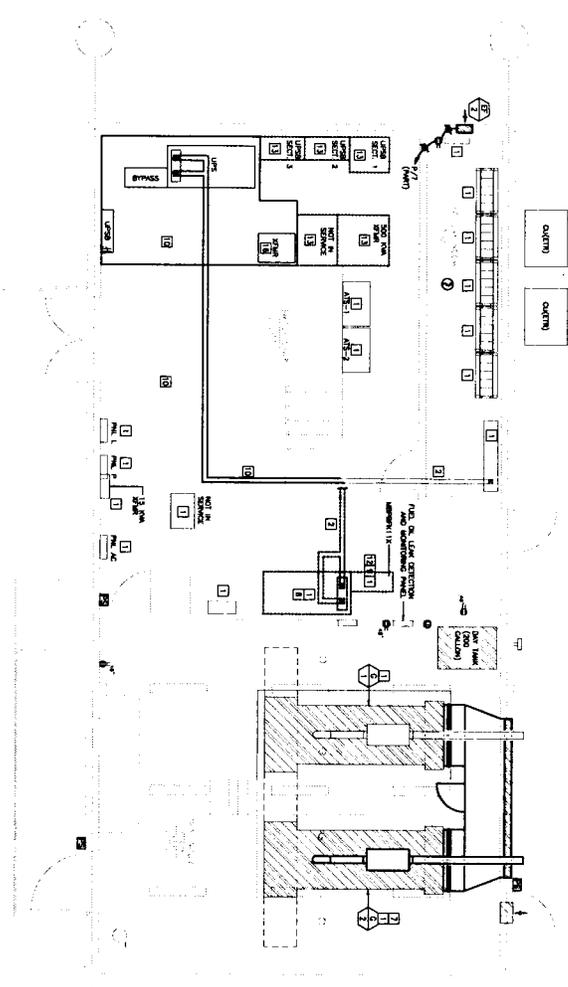
NO.	DATE	DESCRIPTION
1		

DATE: _____
G.E. No.: _____
SCALE: 1/4" = 1'-0"
DRAWN BY: RG
CHECKED BY: DO

SHEET TITLE:
 PHASE D
 DEMOLITION PLAN

SHEET NO.: PH-D1

CITY DWG. NO.: _____



1 UPS BUILDING
PHASE D INSTALLATION PLAN

- GENERAL NOTES:**
1. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.
 3. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.
 4. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.
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 9. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.
 10. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.

NOTE: ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF HOUSTON ELECTRICAL CODE AND THE NATIONAL ELECTRICAL CODE (NEC) AND THE CITY OF HOUSTON ELECTRICAL CODE.



NO.	DATE	DESCRIPTION
1	04.13.2012	NOT AND REVISION
2	08.11.2012	CITY COR AND LOG
3	10.24.2012	REV AND RE

CONSULTANTS:
 Z/HENDERSON ENGINEERS, INC.
 11111 RICHMOND AVE
 HOUSTON, TX 77036
 V: 713.781.1111
 C: 713.781.1111
 C: 713.781.1111

Structural:
 C/O Engineers
 3000 Westpark Dr., Suite 305
 Houston, TX 77056
 V: 713.781.1111
 C: 713.781.1111
 Contact: Hunter Tompney, PE

PROJECT NAME:
 City of Houston
 Emergency Generator Relocation
 82 Riverway
 Houston, TX 77002

CITY OF HOUSTON
 GENERAL SERVICES
 DEPARTMENT

REVISIONS:

NO.	DATE	DESCRIPTION

DATE: _____
SCALE: 1/8" = 1'-0"
DRAWN BY: JBG
CHECKED BY: DD
SHEET TITLE:
 PHASE D
 INSTALLATION PLAN
SHEET NO.: _____
CITY DWG. NO.: _____

PH-D2



kansas city phoenix houston new york metro
tampa las vegas dallas bentonville

ADDENDUM NO 02

October 24, 2012

ISSUED BY

Henderson Engineers, Inc.
3535 Briarpark Drive, Ste. 200
Houston, TX 77042

ISSUED FOR

COH – General Services Department
1205 Dart St.
Houston, TX 77007

NOTICE TO ALL BIDDERS FOR THE

HPD 62 Riesner – Generator Relocation
62 Riesner, Houston, TX

You are instructed to read and to note the following described changes, corrections, clarifications, omissions, deletions, additions, approvals, and statements pertinent to the Contract Bid and Construction Documents.

The Addendum No. 02 is part of the Contract Bid and Construction Documents and shall govern in the performance of the Work.

SHEET E.100

1. Demolished existing equipment instead of relocating.

SHEET E.110

1. Add lights that need to be elevated to accommodate raised equipment.

SHEET E.200

1. Changed notes and added new equipment.

SHEET E.210

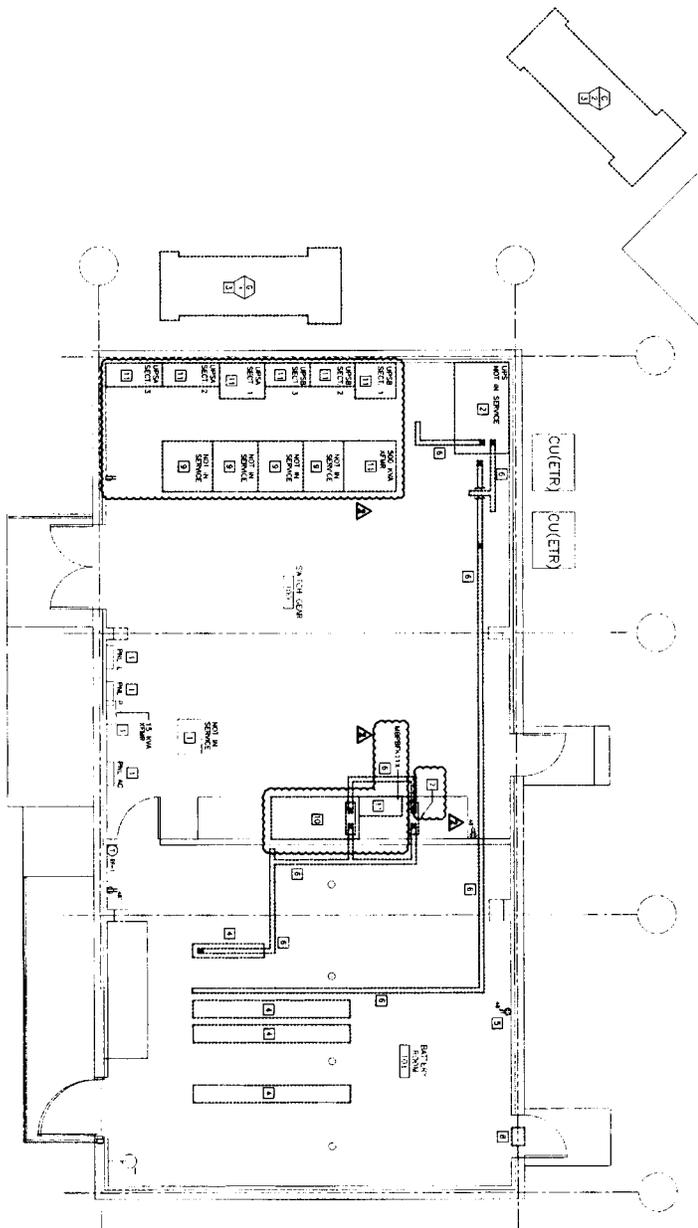
1. Added lights and note for raising existing lights.

SHEET E.300

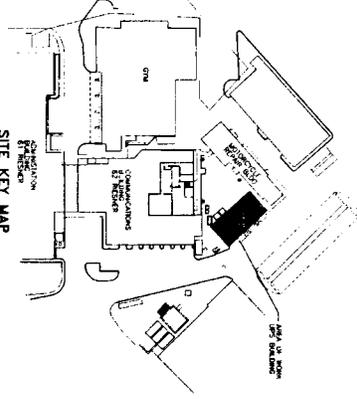
1. Changed one-line to show demolished equipment.

SHEET E.301

1. Changed one-line to show new equipment.



**UPS BUILDING
ELECTRICAL DEMOLITION PLAN**



GENERAL DEMO NOTES:

- REMOVE TO DEMONSTRATE THE USE OF THE JOB PER AND RECORD EXISTING EQUIPMENT WITH THE EXISTING CONDITIONS OF THE BUILDING. REMOVE ALL OTHER ELECTRICAL SYMBOLS AND CONDUIT TO REMAIN DEMONSTRATION. REMOVE ALL OTHER ELECTRICAL SYMBOLS AND CONDUIT TO REMAIN DEMONSTRATION. REMOVE ALL OTHER ELECTRICAL SYMBOLS AND CONDUIT TO REMAIN DEMONSTRATION.
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ELECTRICAL DEMO NOTES:

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NO.	DATE	DESCRIPTION
1	04.13.2012	BD (NO) PERIOD
2	08.11.2012	CIT (C) (NO) (NO)
3	08.24.2012	BD (NO) (NO) (NO)

CONSULTANTS:
 Henderson Engineers Inc.
 3505 Sandway Dr., Suite 200
 Houston, TX 77042
 V: 713.762.7707
 F: 713.762.7707
 Contact: David Denny, PE

Structural:
 C/E Engineers
 3000 Westwood Dr., Suite 305
 Houston, TX 77042
 V: 713.760.3345
 Contact: Robert Gansberg, PE

Architectural:
 BraxtonArchitects
 4517 Marquette Blvd, Suite C230
 Houston, TX 77042
 V: 713.624.8400
 F: 713.624.8488
 B/A Project # 11172
 Contact: Greg Nye, AIA

PROJECT NAME:
 City of Houston
 Emergency Generator Relocation
 82 Reservoir
 Houston, TX 77002



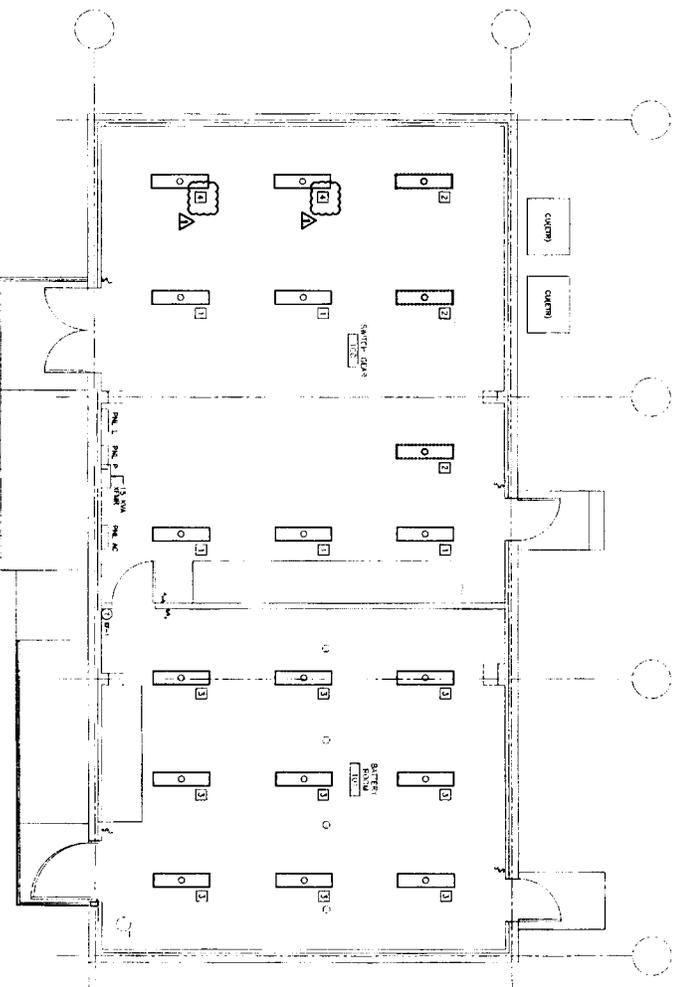
REVISIONS:

NO.	DATE	DESCRIPTION
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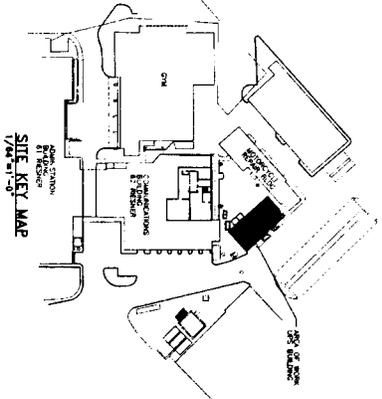
SHEET NO.:
E.100

**UPS BUILDING
ELECTRICAL DEMO
PLAN**

CITY DWG. NO.:



UPS BUILDING LIGHTING DEMOLITION PLAN



- LIGHTING PLAN NOTES:**
- 1 Light Existing to Remain.
 - 2 REMOVE LIGHT TO ALLOW FOR NEW BATTERY ROOM.
 - 3 CONDUIT LAYING WITH MULTIPLE W/ CLEANOUTS. CONDUIT SHALL BE DEMOLISHED AND BE LOCATED TO BE DEMOLISHED WITH THE LIGHTING FIXTURES.
 - 4 REMOVE LIGHTS TO ALLOW FOR NEW CONDUIT.
 - 5 REMOVE LIGHTS TO ALLOW FOR NEW CONDUIT.

ISSUE LOG

NO.	DATE	DESCRIPTION
1	04.13.2012	BID AND PERMIT
2	08.11.2012	CITY COM AND ADD
3	10.24.2012	BID ADD #2

CONSULTANT(S):
 Henderson Engineers Inc.
 3608 Briarclay Dr., Suite 200
 Houston, TX 77042
 P: 713.782.7770
 Contact: David Searby, PE

Architectural: Renshaw/Johnson
 4617 Westmoreland Blvd., Suite C230
 Houston, TX 77008
 P: 713.524.8568
 F: 713.524.8568
 BIA Project # 11172
 Contact: Greg Dyson, AIA

Structural: CAG Engineers
 3200 Wilshire Dr., Suite 305
 Houston, TX 77002
 P: 713.780.3345
 F: 713.780.3345
 Contact: Hunter Koenig, PE



PROJECT NAME:
 City of Houston
 Emergency Generator Relocation
 62 Rhesler
 Houston, TX 77002

CITY OF HOUSTON
 GENERAL SERVICES
 DEPARTMENT

REVIEWED: _____

DATE: _____

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

DRAWN BY: MS

CHECKED BY: DG

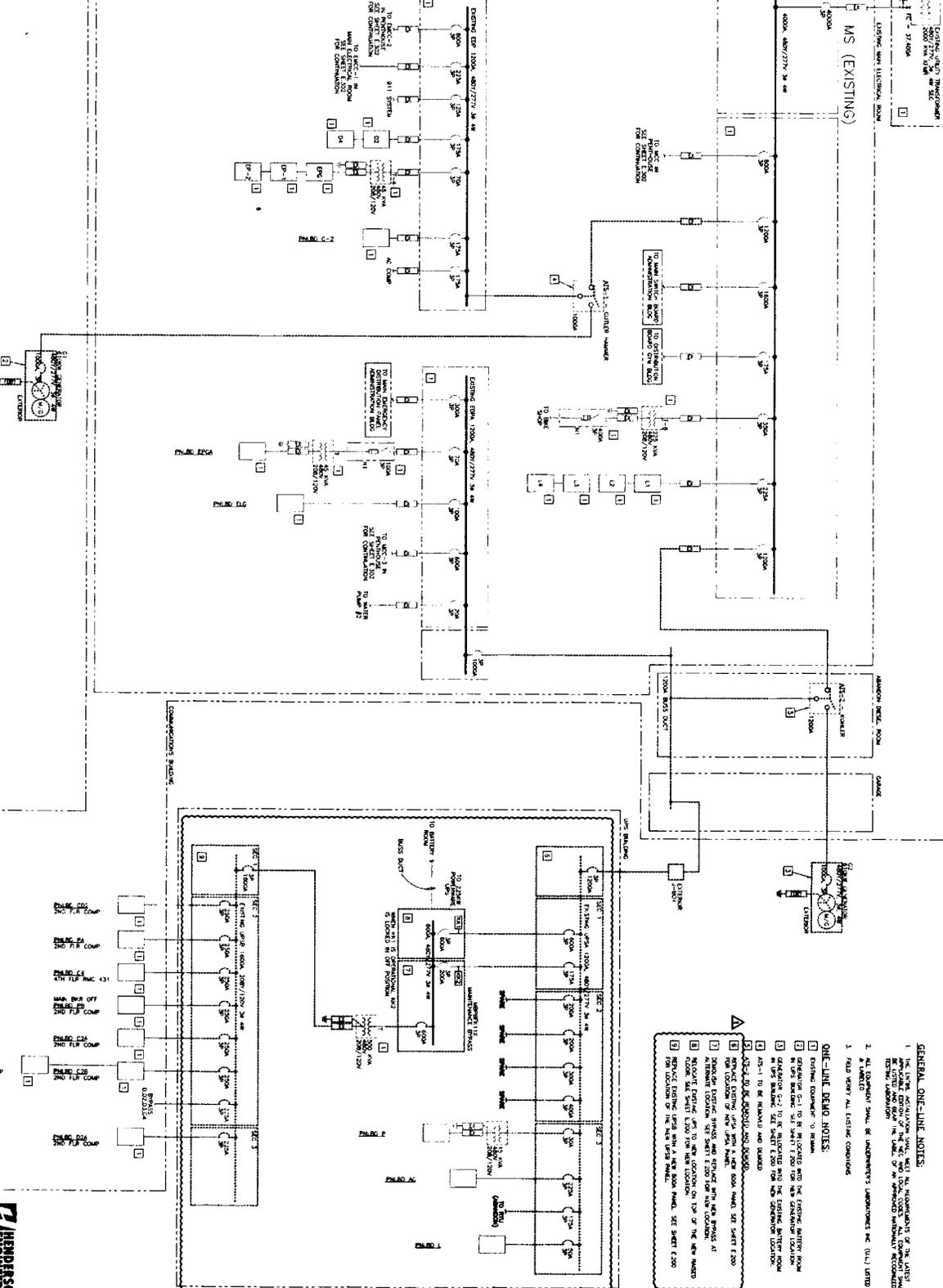
SHEET TITLE:
 UPS BUILDING
 LIGHTING DEMO PLAN

SHEET NO.:
E.110

CITY DRAWING NO.: _____



1 ELECTRICAL ONE-LINE DEMO DIAGRAM - 62 RIESNER, HOUSTON, TX



- GENERAL ONE-LINE NOTES:**
1. ALL EQUIPMENT SHALL BE INDICATED BY THE (O.U.) LISTED IN THE (O.U.) LIST.
 2. ALL EQUIPMENT SHALL BE INDICATED BY THE (O.U.) LISTED IN THE (O.U.) LIST.
 3. FIELD VERIFY ALL EXISTING CONDITIONS.
- ONE-LINE DEMO NOTES:**
1. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 2. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 3. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 4. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 5. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 6. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 7. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 8. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 9. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.
 10. REMOVE ALL EXISTING EQUIPMENT TO BE REPLACED WITH THE NEW EQUIPMENT.

ISSUE LOG		
NO.	DATE	DESCRIPTION
1	04/13/2012	ISSUED PERMIT
2	08/13/2012	CITY CONTRACT ADO
3	10/24/2012	600 ADD 02

CONSULTANTS:	
MEP	CJD Engineers 3000 West Loop South Houston, TX 77025 V-713.524.8668 F-713.524.8668 E-713.524.8668 C-713.524.8668 Contact: David Kemp, PE
Structural	CJD Engineers 3000 West Loop South Houston, TX 77025 V-713.524.8668 F-713.524.8668 E-713.524.8668 C-713.524.8668 Contact: Hunter Kormayer, PE

CITY OF HOUSTON
GENERAL SERVICES DEPARTMENT

PROJECT NAME: City of Houston
Emergency Generator Relocation
Houston, TX 77002

DATE: _____
G.F.S. NO.: _____
SCALE: 1/4" = 1'-0"
DRAWN BY: NG
CHECKED BY: DO

SHEET TITLE: ONE-LINE DEMO PLAN

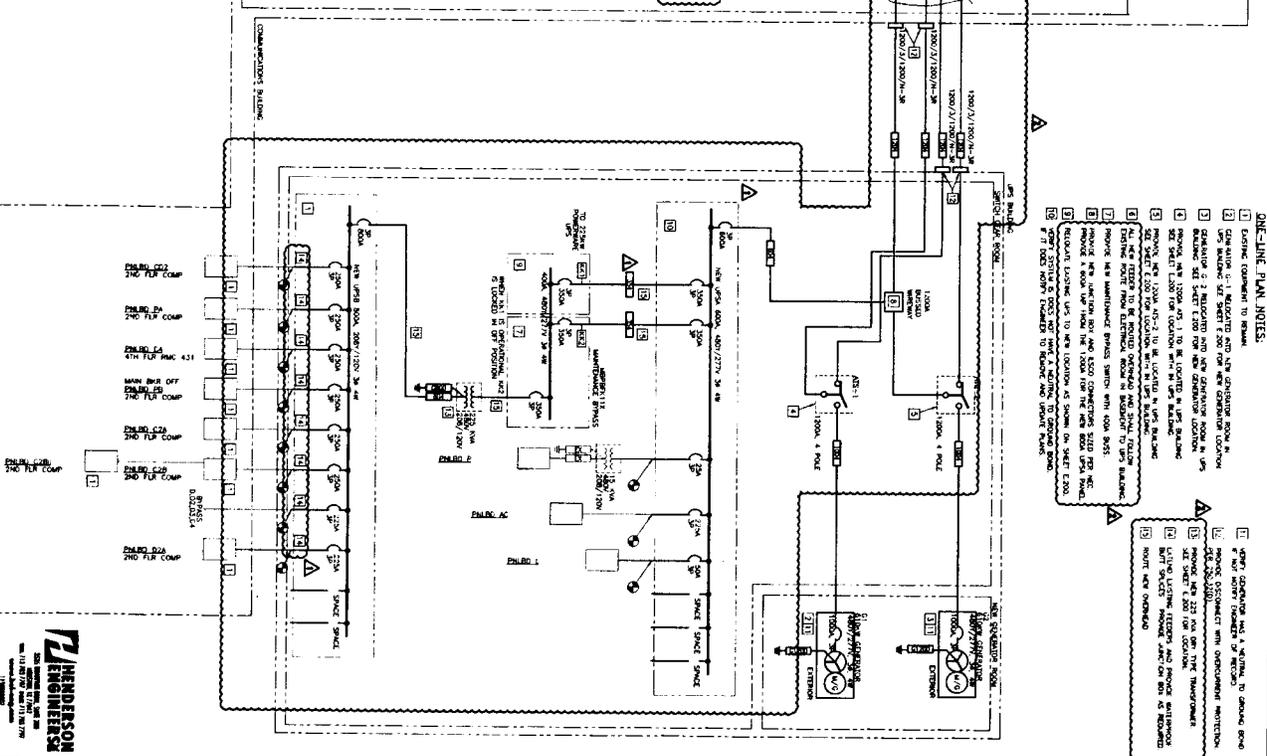
SHEET NO.: **E.300**

CITY DRG NO.: _____



1 ELECTRICAL ONE-LINE DIAGRAM - 62 RIESNER, HOUSTON, TX

- CIRCUIT SCHEDULE:**
- 1000 1000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 2000 2000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 3000 3000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 4000 4000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 5000 5000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 6000 6000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 7000 7000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 8000 8000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 9000 9000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.
 - 10000 10000A (3) 3" C. DUCT W/ (4) 2000A (1) 1" C.



- ONE-LINE PLAN**
- E.301**
- HENDERSON ENGINEERS**
- 11111 RIVERSIDE DRIVE, SUITE 100
HOUSTON, TEXAS 77036
713.861.1111
www.hendersonengineers.com

COMMUNICATIONS BUILDING

MS (EXISTING)

EXISTING ELECTRICAL ROOM

TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

COMMUNICATIONS BUILDING

ONE-LINE PLAN

EXISTING ELECTRICAL ROOM

TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

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COMMUNICATIONS BUILDING

ONE-LINE PLAN

EXISTING ELECTRICAL ROOM

TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

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TO ADD 2" C. DUCT W/ (4) 2000A (1) 1" C. TO SERVICE NEW EQUIPMENT

ISSUE LOG

NO.	DATE	DESCRIPTION
1	04.13.2012	BID AND PERMIT
2	08.31.2012	CHG CDM (80) A20
3	10.24.2012	REV A200 82

CONSULTANTS:

MEP: Henderson Engineers Inc.
3635 Stratford Dr., Suite 200
Houston, TX 77042
V: 713.783.3345
Contact: David Dandy, PE

Architectural: Benchmark Architects
4611 Northwest Blvd., Suite C200
Houston, TX 77026
V: 713.824.8888
F: 713.824.8888
BIA Project #: 1117
Contract: Gmp System, AA

Structural: CAC Engineers
5200 West Loop South, Suite 305
Houston, TX 77042
V: 713.782.3345
Contact: Harlan Donaghy, PE

PROJECT NAME: City of Houston
Emergency Generator Relocation
Houston, TX 77002

CITY OF HOUSTON
GENERAL SERVICES
DEPARTMENT

REVIEWED:

DATE:

SCALE: 1/4" = 1'

DRAWN BY: DG

CHECKED BY: DD

SHEET TITLE: ONE-LINE PLAN

SHEET NO.: E.301

CITY DWG NO.:

ONE-LINE PLAN NOTES:

1. Existing equipment to remain.
2. Size wire 5-1. Minimum and use conductor size in US BALANCE SEE SHEET E.200 FOR NEW CONDUIT LOCATION.
3. Minimum of 2' clearance and use conductor size in US BALANCE SEE SHEET E.200 FOR NEW CONDUIT LOCATION.
4. Remove wire 1000 and 1 to be located in US BALANCE SEE SHEET E.200 FOR LOCATION AND USE BALANCE.
5. Remove wire 2000 and 2 to be located in US BALANCE SEE SHEET E.200 FOR LOCATION AND USE BALANCE.
6. All new conduit to be located overhead in the room. (Existing conduit to be located overhead in the room.)
7. Remove wire 1000 and 1 and 2000 and 2 and 3000 and 3 and 4000 and 4 and 5000 and 5 and 6000 and 6 and 7000 and 7 and 8000 and 8 and 9000 and 9 and 10000 and 10 and 11000 and 11 and 12000 and 12 and 13000 and 13 and 14000 and 14 and 15000 and 15 and 16000 and 16 and 17000 and 17 and 18000 and 18 and 19000 and 19 and 20000 and 20 and 21000 and 21 and 22000 and 22 and 23000 and 23 and 24000 and 24 and 25000 and 25 and 26000 and 26 and 27000 and 27 and 28000 and 28 and 29000 and 29 and 30000 and 30 and 31000 and 31 and 32000 and 32 and 33000 and 33 and 34000 and 34 and 35000 and 35 and 36000 and 36 and 37000 and 37 and 38000 and 38 and 39000 and 39 and 40000 and 40 and 41000 and 41 and 42000 and 42 and 43000 and 43 and 44000 and 44 and 45000 and 45 and 46000 and 46 and 47000 and 47 and 48000 and 48 and 49000 and 49 and 50000 and 50 and 51000 and 51 and 52000 and 52 and 53000 and 53 and 54000 and 54 and 55000 and 55 and 56000 and 56 and 57000 and 57 and 58000 and 58 and 59000 and 59 and 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