



PROJECT: Pennsylvania Convention Center-CONTRACT 2

DATE: 04/29/2011

TO: Tishman/Joseph Jingoli & Son, Inc. with
 Perryman
 211 N. 13th Street 2nd Floor
 Philadelphia PA 19107

RE: SFR - As Built Power Plans

ATTN: D. Lucas Landis

JOB: 711.002

WE ARE SENDING:		SUBMITTED FOR:		ACTION TAKEN:	
<input type="checkbox"/>	Shop Drawings	<input type="checkbox"/>	Approval	<input type="checkbox"/>	Approved as Submitted
<input type="checkbox"/>	Letter	<input type="checkbox"/>	Your Use	<input type="checkbox"/>	Approved as Noted
<input type="checkbox"/>	Prints	<input type="checkbox"/>	As Requested	<input type="checkbox"/>	Returned After Loan
<input type="checkbox"/>	Change Order	<input type="checkbox"/>	Review and Comment	<input type="checkbox"/>	Resubmit
<input type="checkbox"/>	Plans			<input type="checkbox"/>	Submit
<input type="checkbox"/>	Samples	SENT VIA:		<input type="checkbox"/>	Returned
<input type="checkbox"/>	Specifications	<input type="checkbox"/>	Attached	<input type="checkbox"/>	Returned for Corrections
<input type="checkbox"/>	Other:	<input type="checkbox"/>	Separate Cover	<input type="checkbox"/>	Due Date:
				<input type="checkbox"/>	Other:

Line	Item	Package	Code	Rev.	Qty	Date	Description	Status
1	Submittal	26-0500	26-0500-0002		1	04/29/2011	SFR - As Built Power Plans	Open

<p>Submittal No.: _____</p> <p>Submission Transmittal No.: _____ No.: _____</p> <p style="text-align: center;">SUBMITTAL REVIEW STATUS</p> <p><input type="checkbox"/> ● REVIEWED</p> <p><input type="checkbox"/> ● REVIEWED WITH NOTATIONS</p> <p><input type="checkbox"/> ●● REVISE & RESUBMIT</p> <p><input type="checkbox"/> ●● REJECTED</p> <p><input type="checkbox"/> NO ACTION TAKEN OR REQUIRED</p> <p>REMARKS:</p> <ul style="list-style-type: none"> ● Fabrication may be undertaken. Action does not authorize changes to Contract Sum. ●● Fabrication may not be undertaken. Revise and resubmit submitted. 	<p>Reviewing is only for conformance with the design concept of the Project and compliance with the Information given in the Contract Documents. The Contractor is responsible for dimensions to be confirmed and correlated at the site, for information that pertains solely to the fabrication processes or to the means, methods, techniques, sequences and procedures of construction, and for coordination of the work of all trades.</p> <p>Date: _____</p> <p>By: _____</p> <p style="text-align: center; font-size: 2em; font-weight: bold;">VITETTA</p>
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CC:

Signed: _____
 Barry Gleason

GENERAL NOTES:

1. PROVIDE ALL UNDERGROUND DUCTBANKS, MANHOLES AND ASSOCIATED TRENCHES, CONCRETE ENVELOPES AND MANHOLES TO THE FOLLOWING SPECIFICATION SECTIONS:
315000 - EXCAVATION SUPPORT AND PROTECTION
315000 - UNDERGROUND DUCTS AND RACEWAYS FOR ELECTRICAL SYSTEMS
033000 - CAST IN PLACE CONCRETE
2. ALL CONDUITS ROUTED UNDER DRIVEWAY, PARKING LOT, SIDEWALK OR GRASS SHALL BE CONCRETE ENCASED. ALL DUCTBANKS SHALL BE PLACED AT A MINIMUM OF CODE REQUIRED DEPTH.
3. ALL CONDUITS ROUTED UNDER BUILDING MAY BE RUN IN NON CONCRETE-ENCASED CONDUIT TRENCH.
4. ALL FINISHED EXPOSED SURFACES THAT ARE DISTURBED BY UNDERGROUND WORK SHALL BE PATCHED AND REPAIRED WITH LIKE MATERIALS TO LIKE CONDITION. ALL AREAS WHERE PATCHING IS REQUIRED MUST BE APPROVED BY THE CONSTRUCTION MANAGER.

SPECIFIC WORK PROVIDED BY DIVISION 26:

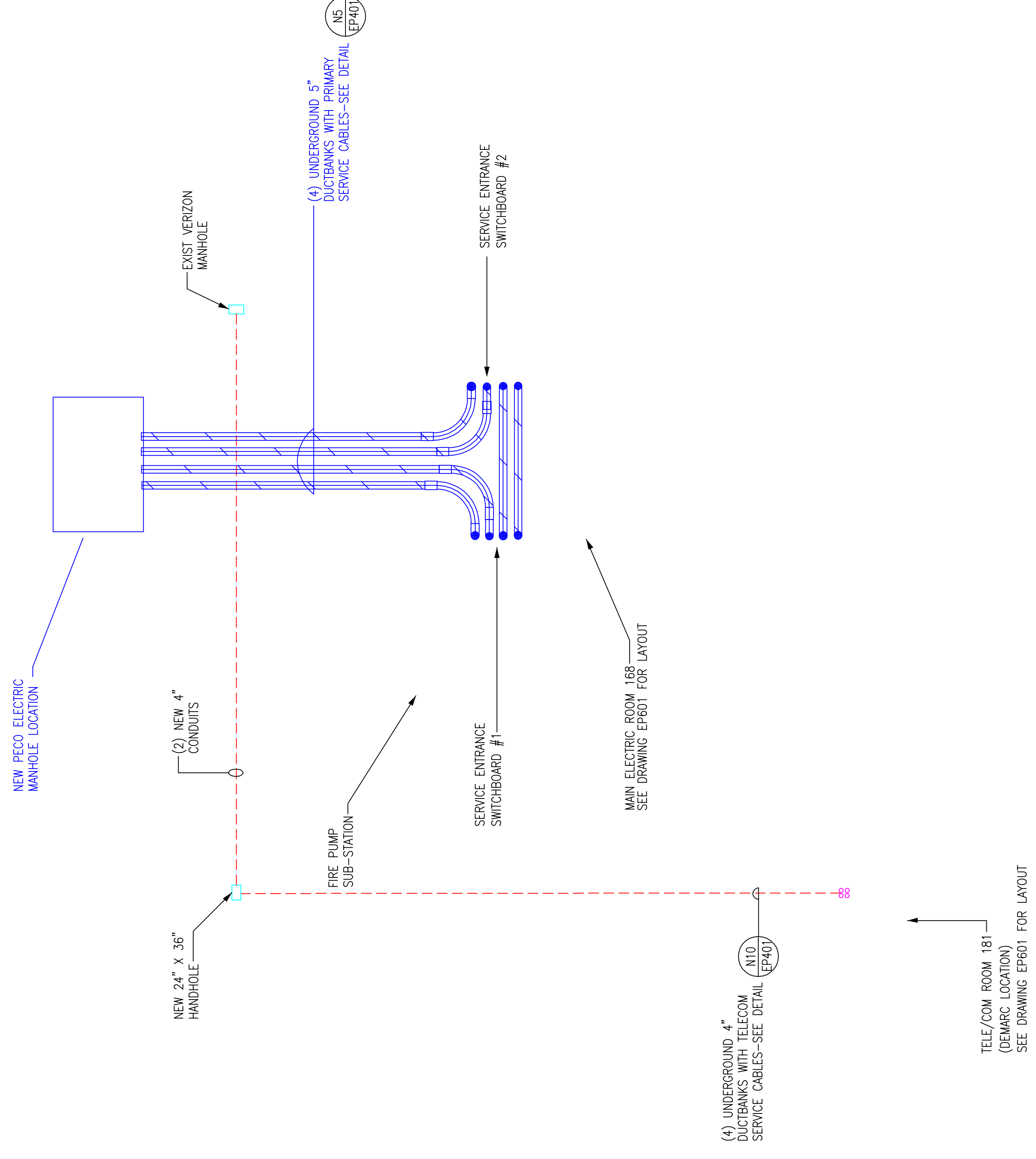
1. DIVISION 26 SHALL PROVIDE ALL UNDERGROUND ELECTRIC SERVICE CONDUITS FROM THE BUILDING SERVICE EQUIPMENT ROOMS OUT TO THE EDGE OF RACE STREET. THIS SHALL INCLUDE ALL REQUIRED BUILDING PENETRATIONS AND ASSOCIATED SLEEVES BELOW GRADE AS REQUIRED.
2. DIVISION 26 SHALL COORDINATE WITH PECO FOR CONNECTION OF UNDERGROUND PRIMARY ELECTRIC SERVICE CONDUITS TO PECO INSTALLED PRIMARY SERVICE CONDUITS IN RACE STREET.
3. DIVISION 26 SHALL PROVIDE ALL PRIMARY ELECTRIC SERVICE CABLES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS APPROVED BY PECO. ALL CABLES SHALL BE APPROVED BY PECO.
4. DIVISION 26 SHALL PROVIDE ALL TERMINATIONS OF PRIMARY ELECTRIC SERVICE CABLES WITHIN THE MAIN SERVICE ENTRANCE SWITCHBOARDS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND AS APPROVED BY PECO.
5. DIVISION 26 SHALL PROVIDE ALL UNDERGROUND COMMUNICATIONS SERVICE CONDUITS FROM THE BUILDING SERVICE EQUIPMENT ROOMS OUT TO THE COMMUNICATIONS MANHOLES IN RACE STREET. THIS SHALL INCLUDE ALL REQUIRED BUILDING PENETRATIONS AND ASSOCIATED SLEEVES BELOW GRADE AS REQUIRED.

SPECIFIC WORK PROVIDED BY PECO:

1. PECO SHALL PROVIDE ALL UNDERGROUND CONDUIT INSTALLED DIRECTLY UNDER RACE STREET RELATED TO THE PRIMARY ELECTRIC SERVICE ENTRANCE CABLE. COORDINATE WITH ELECTRICAL SUB-CONTRACTOR FOR CONNECTION TO PRIMARY SERVICE CONDUITS PROVIDED UNDER DIVISION 26.
2. PECO SHALL PROVIDE ALL ELECTRIC SERVICE MANHOLES IN RACE STREET.
3. PECO SHALL PROVIDE ALL MEDIUM VOLTAGE SPLICES AND TERMINATIONS IN THE MANHOLES IN RACE STREET.

SPECIFIC WORK PROVIDED BY TELEPHONE/COMMUNICATIONS COMPANY:

1. THE TELEPHONE/COMMUNICATIONS COMPANY SHALL PROVIDE ALL INCOMING TELE/COM CABLES TO THE BUILDING SERVICE EQUIPMENT ROOMS.
2. THE TELEPHONE/COMMUNICATIONS COMPANY SHALL PROVIDE ALL COMMUNICATIONS SERVICE MANHOLES IN RACE STREET.
3. THE TELEPHONE/COMMUNICATIONS COMPANY SHALL PROVIDE ALL TERMINATIONS IN THE MANHOLES IN RACE STREET AND AT THE TELEPHONE SERVICE DEMARCATION LOCATION IN THE TELE/COM SERVICE ROOM 181.



RECORD DRAWINGS
The Keating JV

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
PENNSYLVANIA CONVENTION CENTER PLACE
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PHILADELPHIA, PENNSYLVANIA 19107



1704-A LORETTA AVE.
Pensacola, PA. 19653
717-523-2322
717-523-2322 FAX
E-Mail: gordongroup@electric.com

Job No: 108 NS
Drawn By: DRAWN, BY-ASH
Checked By: CHECKED, BY-ML
Date: DATE-02-08-11
Plot Date: SCALE: 1/8"=1'
Scale: Drawing Title:

ELECTRICAL
SITE PLAN

Sheet No.
E-102-GG

AS-BUILT DRAWING

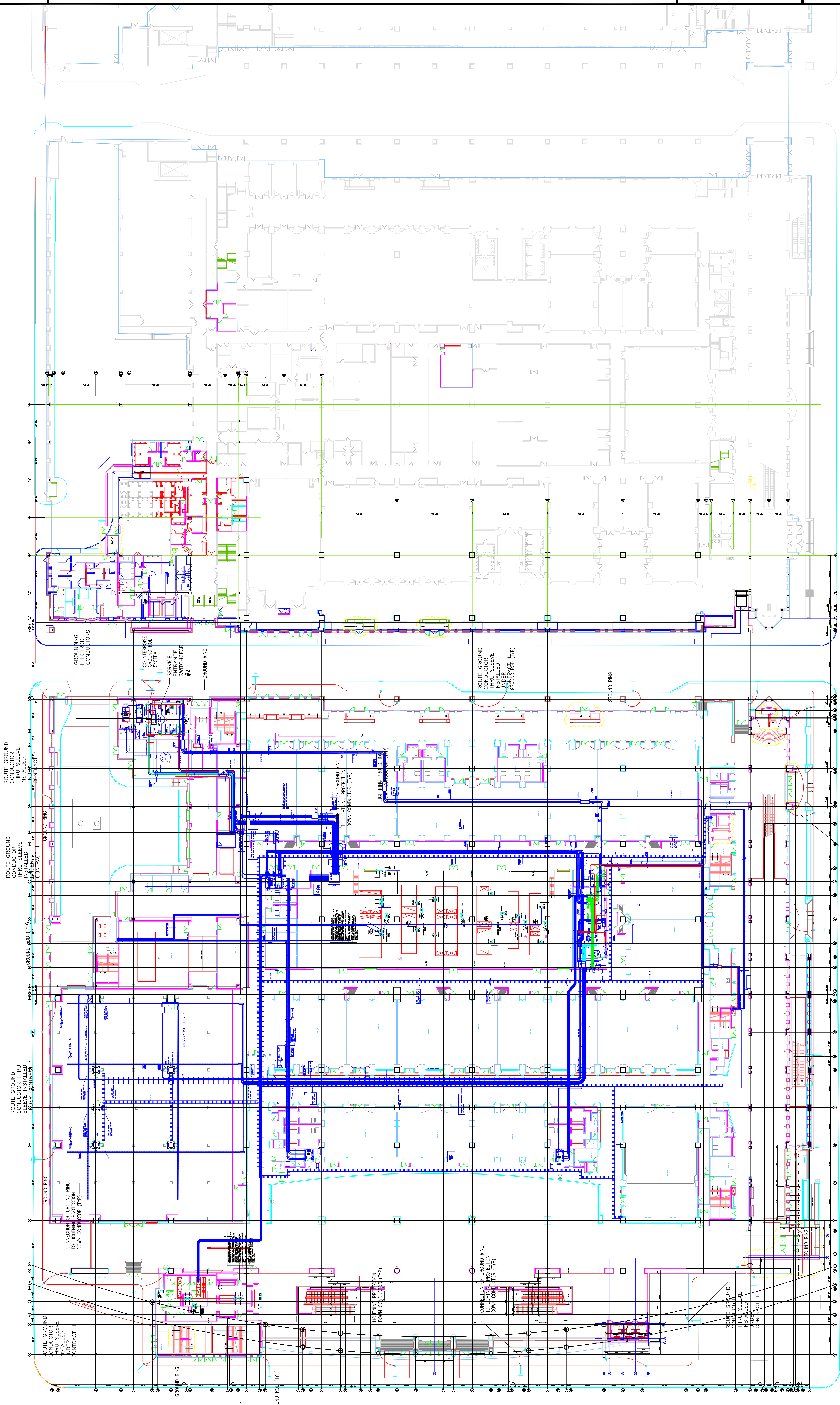
Scale

Revisions

Steel

Revisions

NO.	DESCRIPTION



**EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER**
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
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Job No: 1008-03
Drawn By: DRAMN, BY, NISH
Checked By: CHECKED, BY, ML
Date: _____ DATE
Plot Date: _____
Scale: 1"=30'
Drawing Title:

**ELECTRICAL
FEEDER & GROUND
RING PLAN**

RECORD DRAWINGS
The Reating JV

Sheet No.

EP110-GG

AS-BUILT DRAWING

Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
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 215-953-2328 FAX
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Job No. 1008-00
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 Checked By: CHECKED_BY_ML
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 Plot Date: DATE
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Drawing Title:

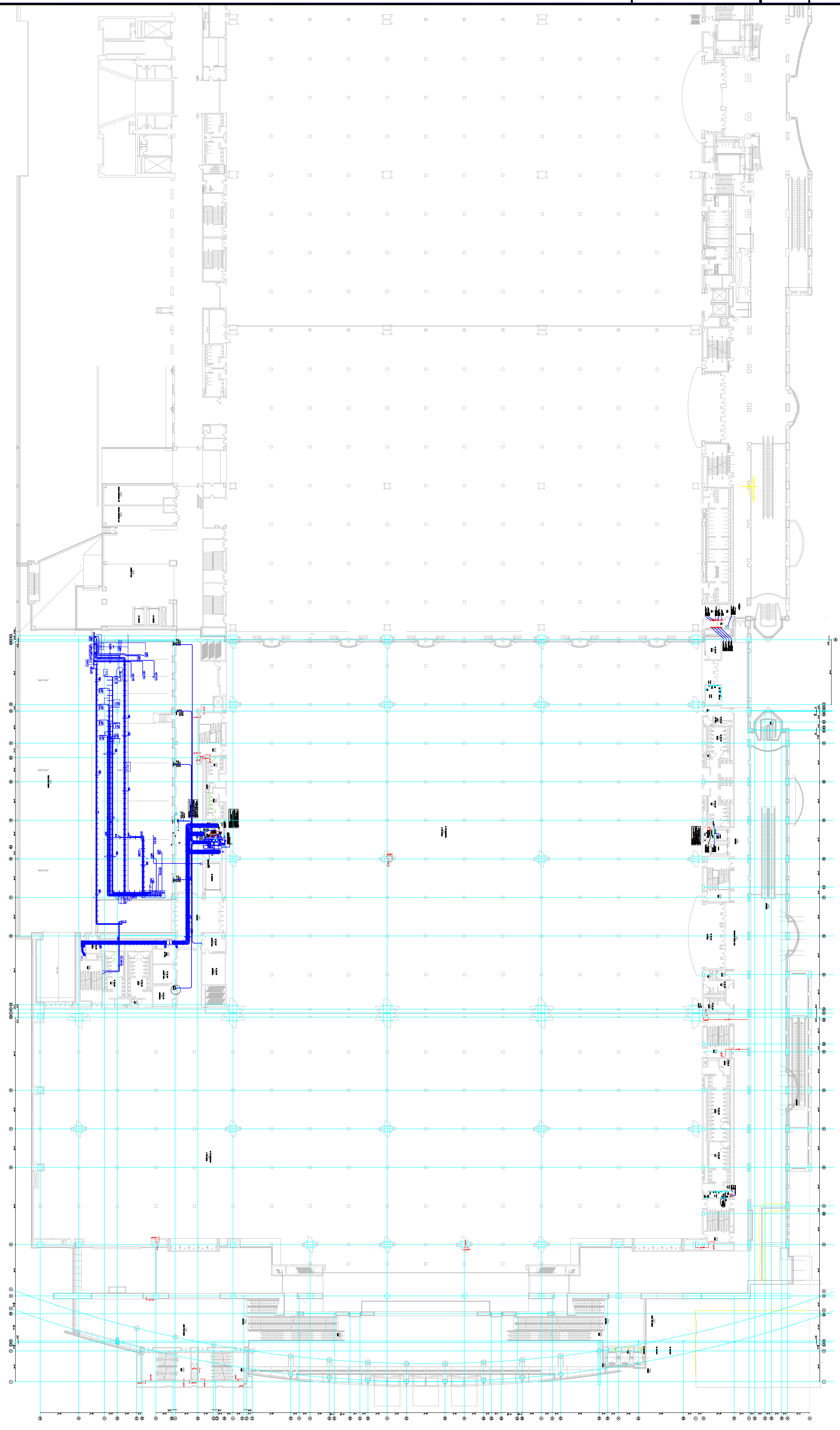
**POWER FEEDER
 ROUTING PLAN
 LEVEL 2**

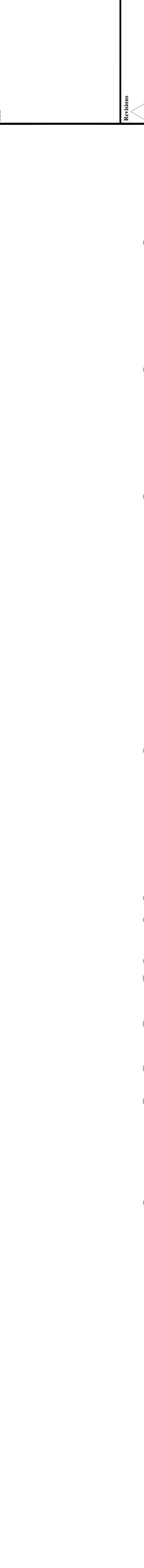
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EP120-GG

RECORD DRAWINGS
 The Feating JV

AS-BUILT DRAWING





RECORD DRAWINGS
The Resting IV

Revisions

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TO THE
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PENNSYLVANIA CONVENTION CENTER AUTHORITY
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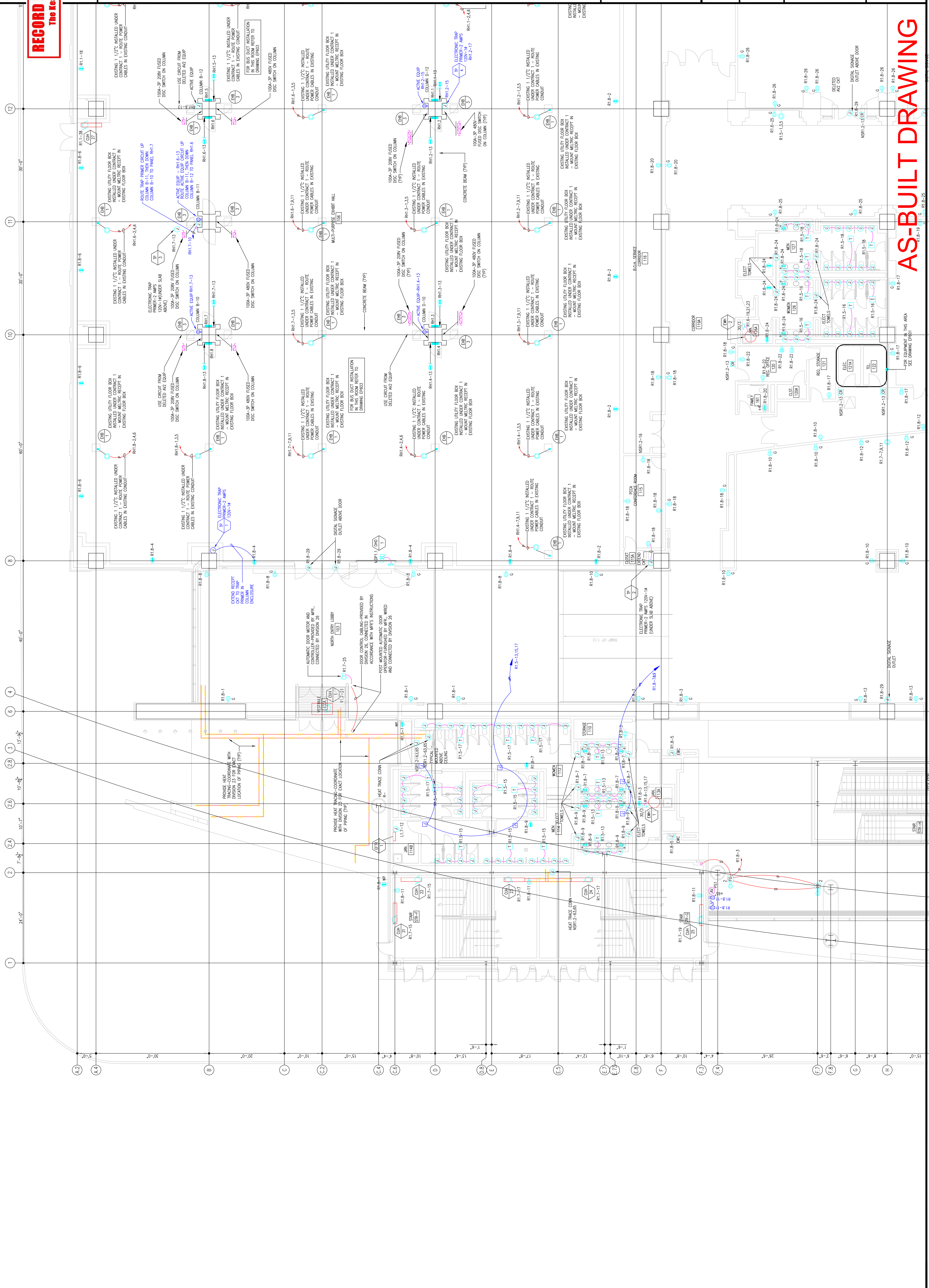


1701-A LORETTA AVE.
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215-252-2428 FAX
E-Mail: gordongroup@electric.com

Job No. 1009-00
Drawn By: DRAWN_BY_MSH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:
**LEVEL 1
POWER PLAN
NORTHWEST**

Sheet No.
EP210-GG



AS-BUILT DRAWING

RECORD DRAWINGS
The Keating JV

Revisions

ROUTE GROUND
CONDUCTOR THRU
SLEEVE INSTALLED
UNDER CONTRACT 1

GROUND RING

ROUTE GROUND
CONDUCTOR
THRU SLEEVE
INSTALLED
UNDER
CONTRACT 1

GROUND RING

ROUTE GROUND
CONDUCTOR
THRU SLEEVE
INSTALLED
UNDER
CONTRACT 1

GROUND ROD (TYP)

CONNECTION OF GROUND RING
TO LIGHTNING PROTECTION
DOWN CONDUCTOR (TYP)

EXPANSION AND RENOVATION
TO THE
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1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



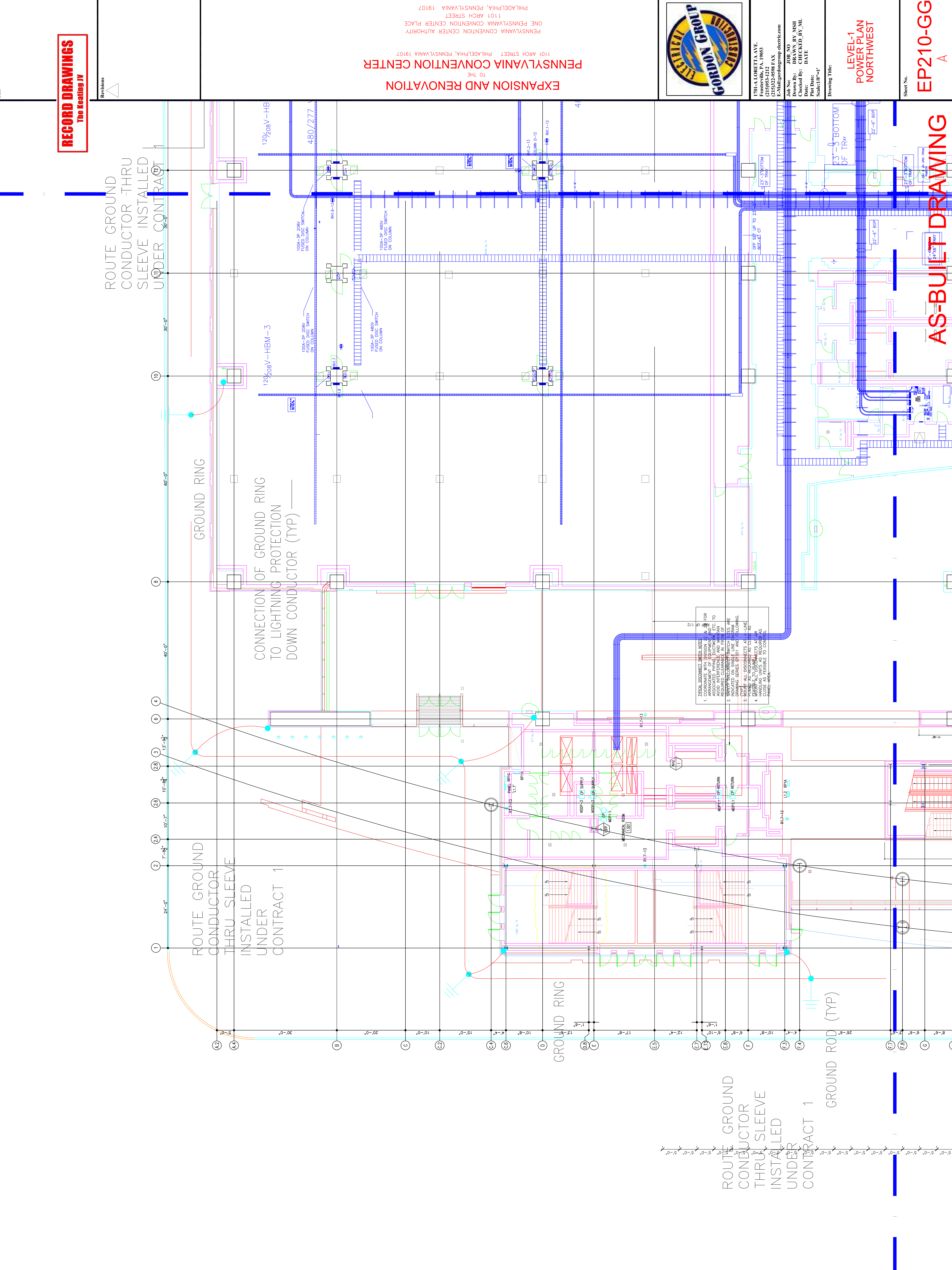
1701-A LORETTA AVE.
FENESTRUE, PA. 19053
215-252-2424 FAX
E-Mail: gordongroup@electric.com

Job No: 100830
Job Name: DRANN, BY NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
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Drawing Title:
**LEVEL-1
POWER PLAN
NORTHWEST**

Sheet No.
**EP210-GG
A**

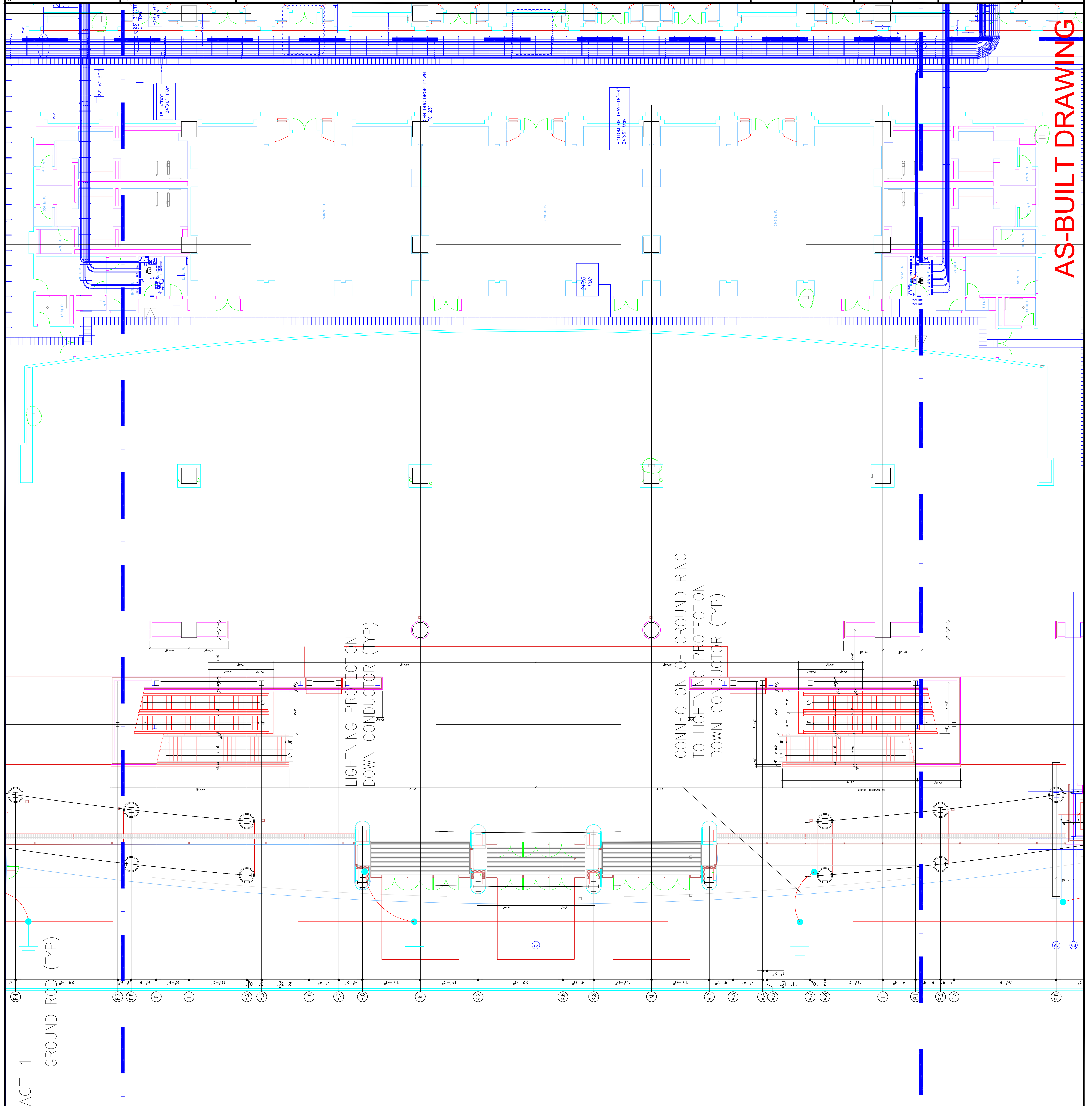
AS-BUILT DRAWING



Scale

UNDER CONTRACT 1

GROUND ROD (TYP)



Revisions

EXPANSION AND RENOVATION
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PENNSYLVANIA CONVENTION CENTER
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 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



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Job No. 100830
 Drawn By: DRAWN, BY NISH
 Checked By: CHECKED, BY ML
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-1
 POWER PLAN
 MIDDLEWEST**

Sheet No.
EP211-GGA

AS-BUILT DRAWING

RECORD DRAWINGS
 The Heating IV

Scale



Revisions

No.	Description
1	AS-BUILT DRAWING



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
FENESTRILLE, PA. 19063
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E-Mail: gordongroup@earthlink.net

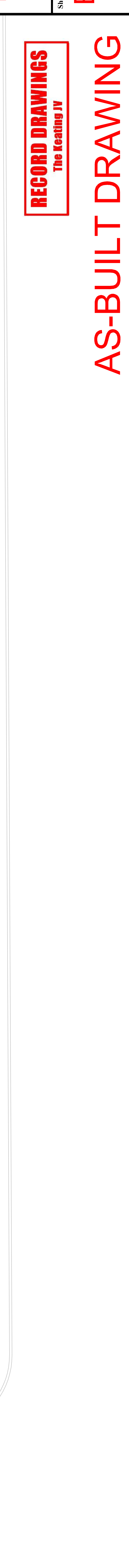
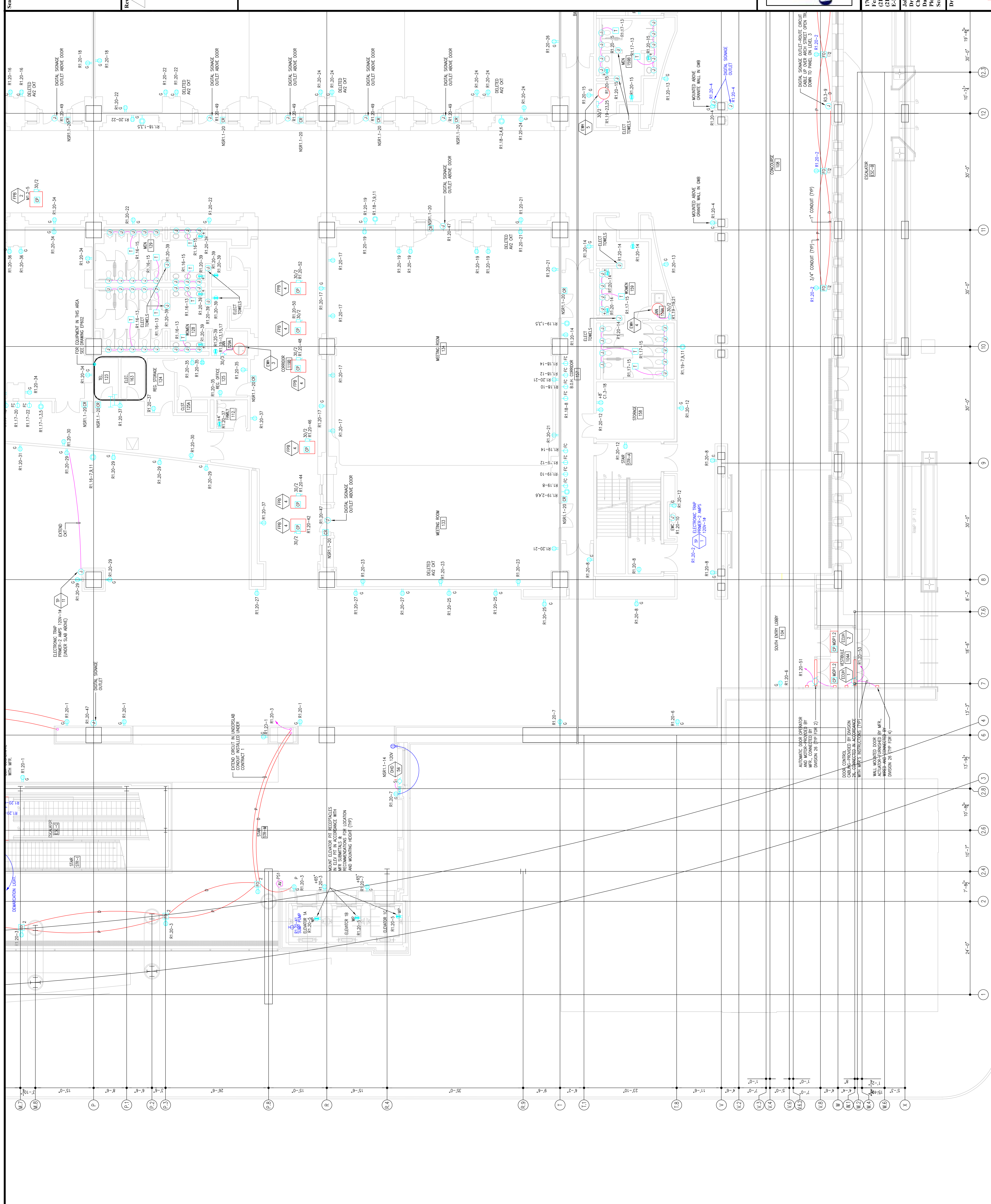
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Checked By: CHECKED BY ML
Date: DATE
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:
**LEVEL 1
POWER PLAN
SOUTHWEST**

Sheet No.
EP212-GG

RECORD DRAWINGS
The Keating IV

AS-BUILT DRAWING



Scale

NO.	DATE	BY	CHKD.	DESC.
1	08/11/11	DR	DR	ISSUED FOR PERMIT
2	08/11/11	DR	DR	ISSUED FOR CONSTRUCTION
3	08/11/11	DR	DR	ISSUED FOR RECORD

Revisions

RECORD DRAWINGS
The Heating IV

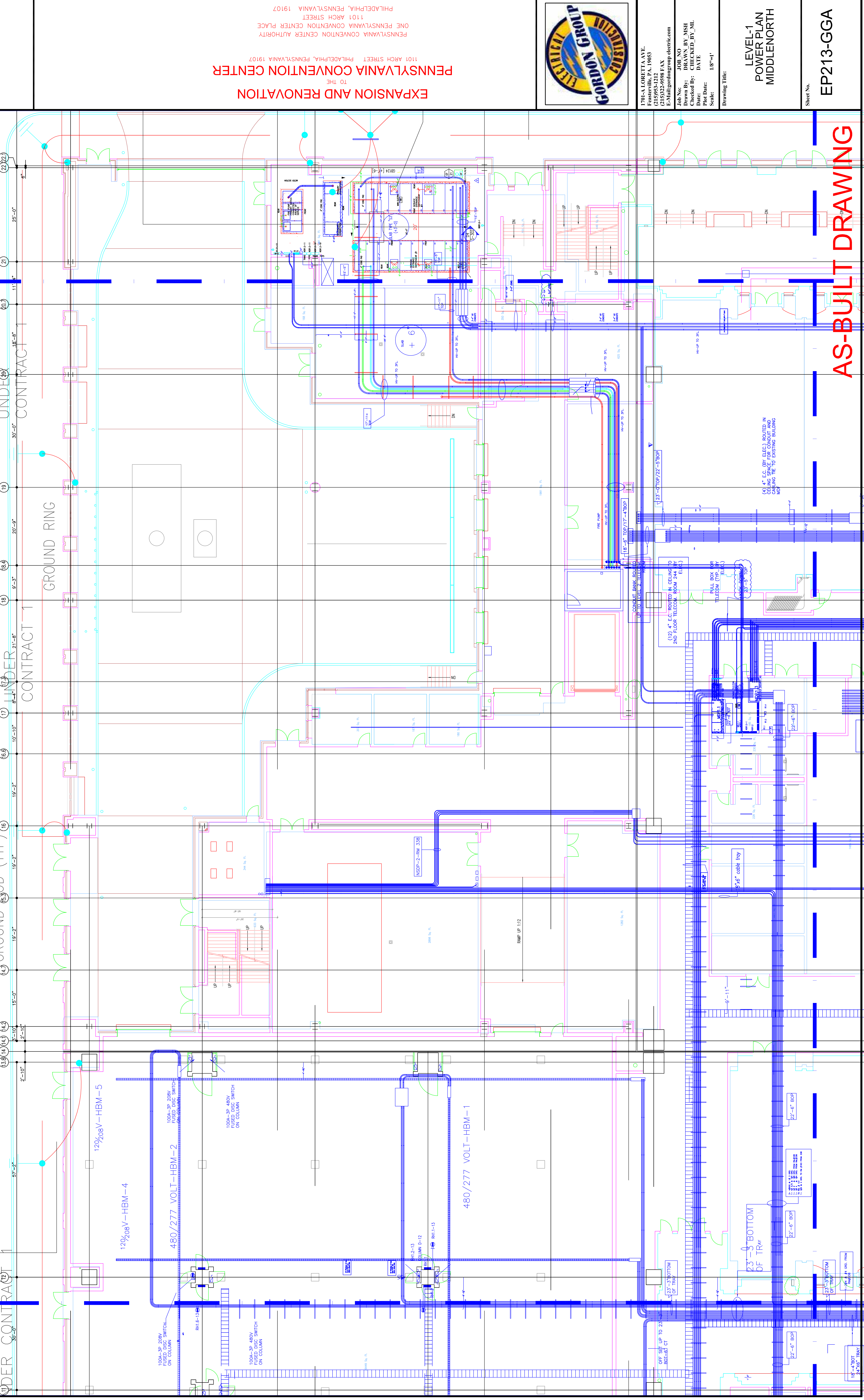
ROUTE GROUND CONDUCTOR THRU SLEEVE INSTALLED UNDER CONTRACT 1

ROUTE GROUND CONDUCTOR THRU SLEEVE INSTALLED UNDER CONTRACT 1

ROUTE GROUND CONDUCTOR THRU SLEEVE INSTALLED UNDER CONTRACT 1

ROUTE GROUND CONDUCTOR THRU SLEEVE INSTALLED UNDER CONTRACT 1

ROUTE GROUND CONDUCTOR THRU SLEEVE INSTALLED UNDER CONTRACT 1



EXPANSION AND RENOVATION
TO THE
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PHILADELPHIA, PENNSYLVANIA 19107



1700-A LORETTA AVE.
PENNSYLVANIA, PA. 19083
215-252-2424 FAX
E-Mail: gordongroup@electric.com
Job No. 100830
Drawn By: DRAYN, RY, MSH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
Scale: 1/8"=1'-1"

LEVEL-1
POWER PLAN
MIDDLENORTH

Sheet No.
EP213-GGA

AS-BUILT DRAWING

(4) 4" E.C. (BY ELEC.) ROUTED IN CEILING SPACE FOR CONDUIT AND CABLE TRAY TO CHASING BUILDING

(3) 4" E.C. ROUTED IN CEILING TO 2ND FLOOR TELECOM. ROOM 244 (BY ELEC.)

(2) 4" E.C. ROUTED IN CEILING TO TELECOM. ROOM 244 (BY ELEC.)

(2) 4" E.C. ROUTED IN CEILING TO TELECOM. ROOM 244 (BY ELEC.)

23'-5" BOTTOM OF TRAY

23'-5" BOTTOM OF TRAY

23'-5" BOTTOM OF TRAY

23'-5" BOTTOM OF TRAY

23'-5" BOTTOM OF TRAY

RECORD DRAWINGS
The Heating JV

EXPANSION AND RENOVATION
TO THE
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7701-A LOMBETTA AVE.
FEASTERSVILLE, PA. 19633
(215)953-4212
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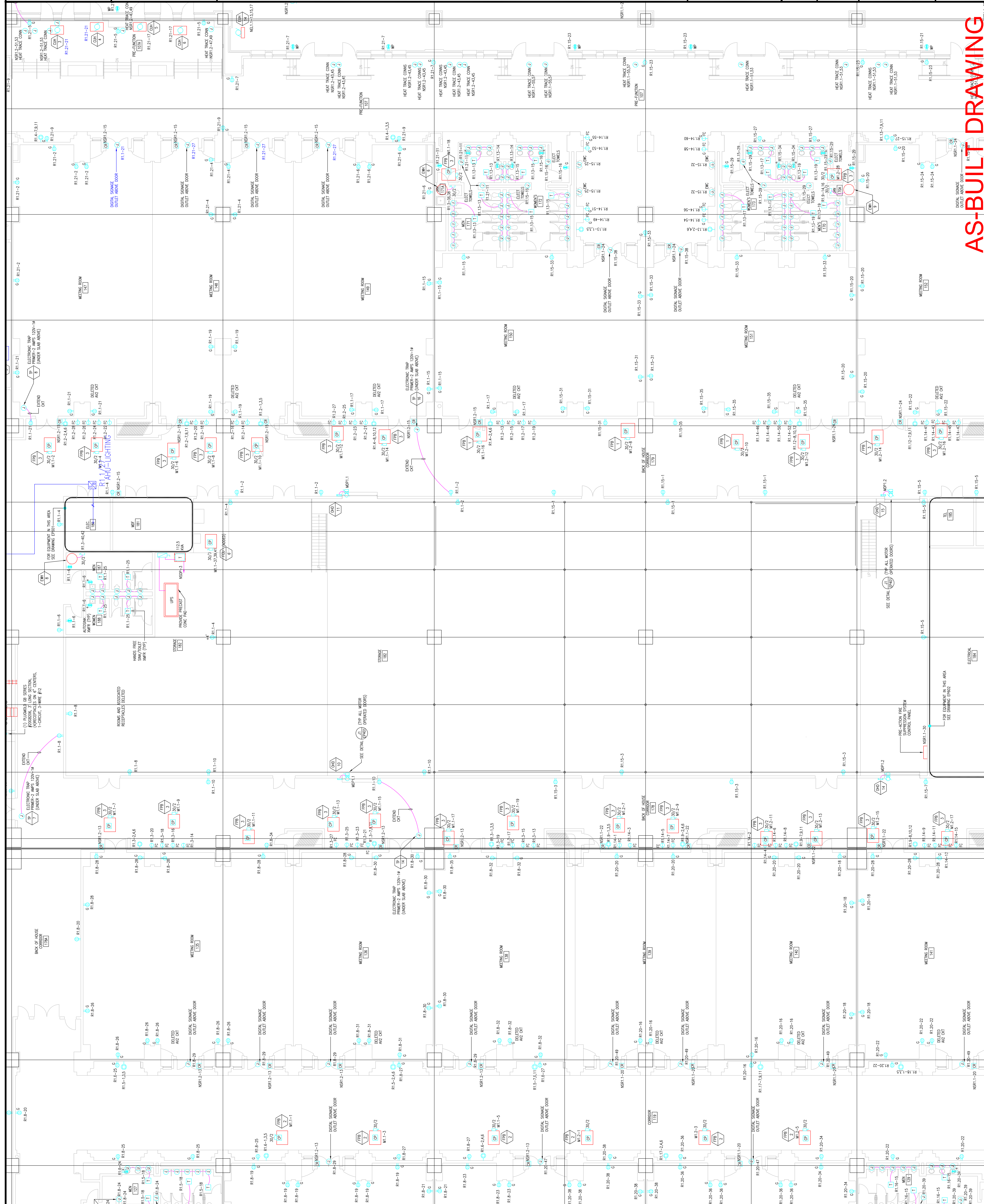
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Drawn By: DRAWN_BY_NSH
Checked By: DATE
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:

**LEVEL 1
POWER PLAN
MIDDLECENTRAL**

Sheet No. **EP214-GG**

AS-BUILT DRAWING



Scale

Revisions

NSR1-1-2

Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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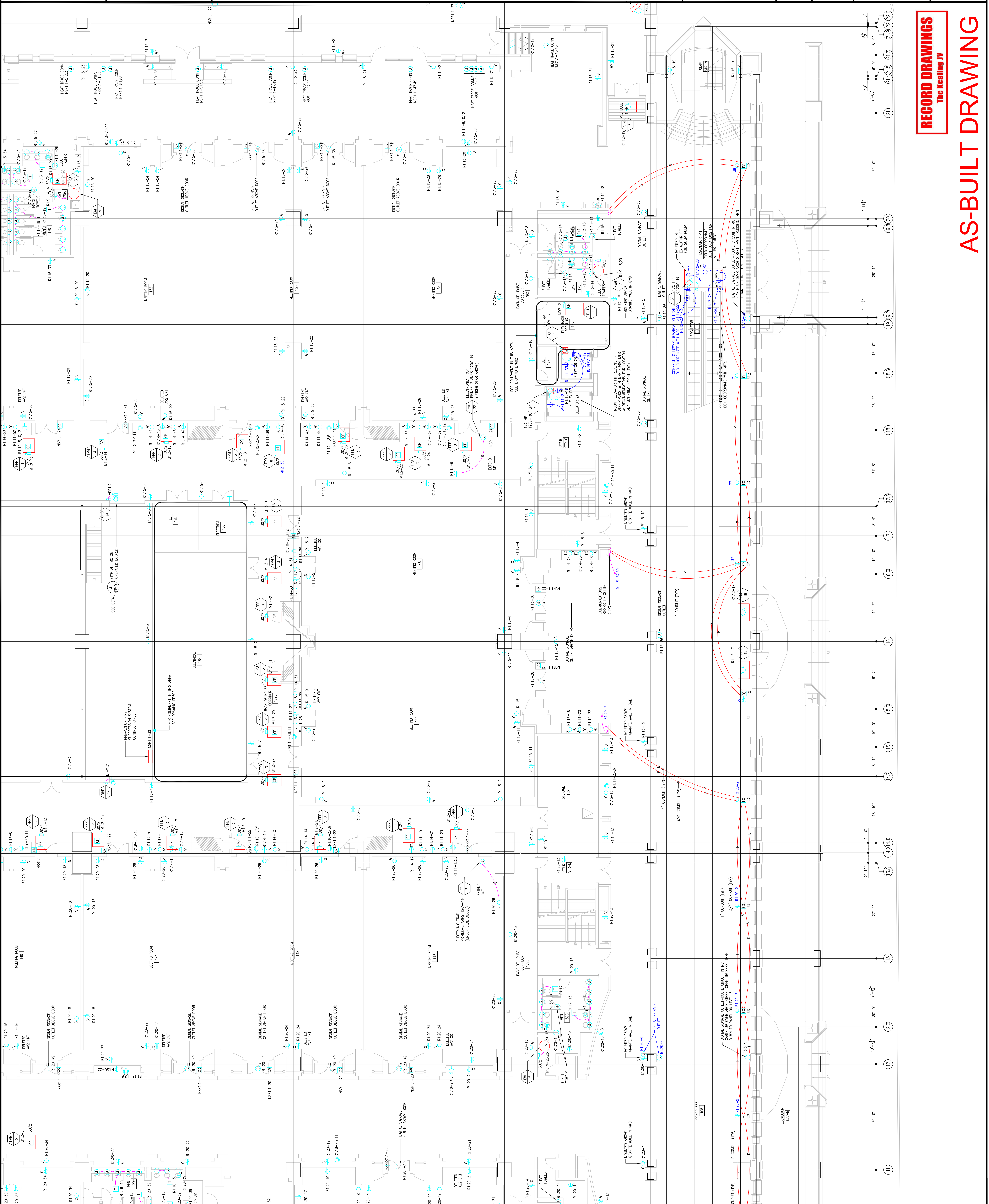


TRINA L. CORNETTA, ANE
Feasterville, PA, 19053
(215)953-4212
(215)832-9598 FAX
E-Mail: gordongroup@electric.com

Job No: JOR-NO
Drawn By: DR. W. J. W. NSH
Checked By: DATE
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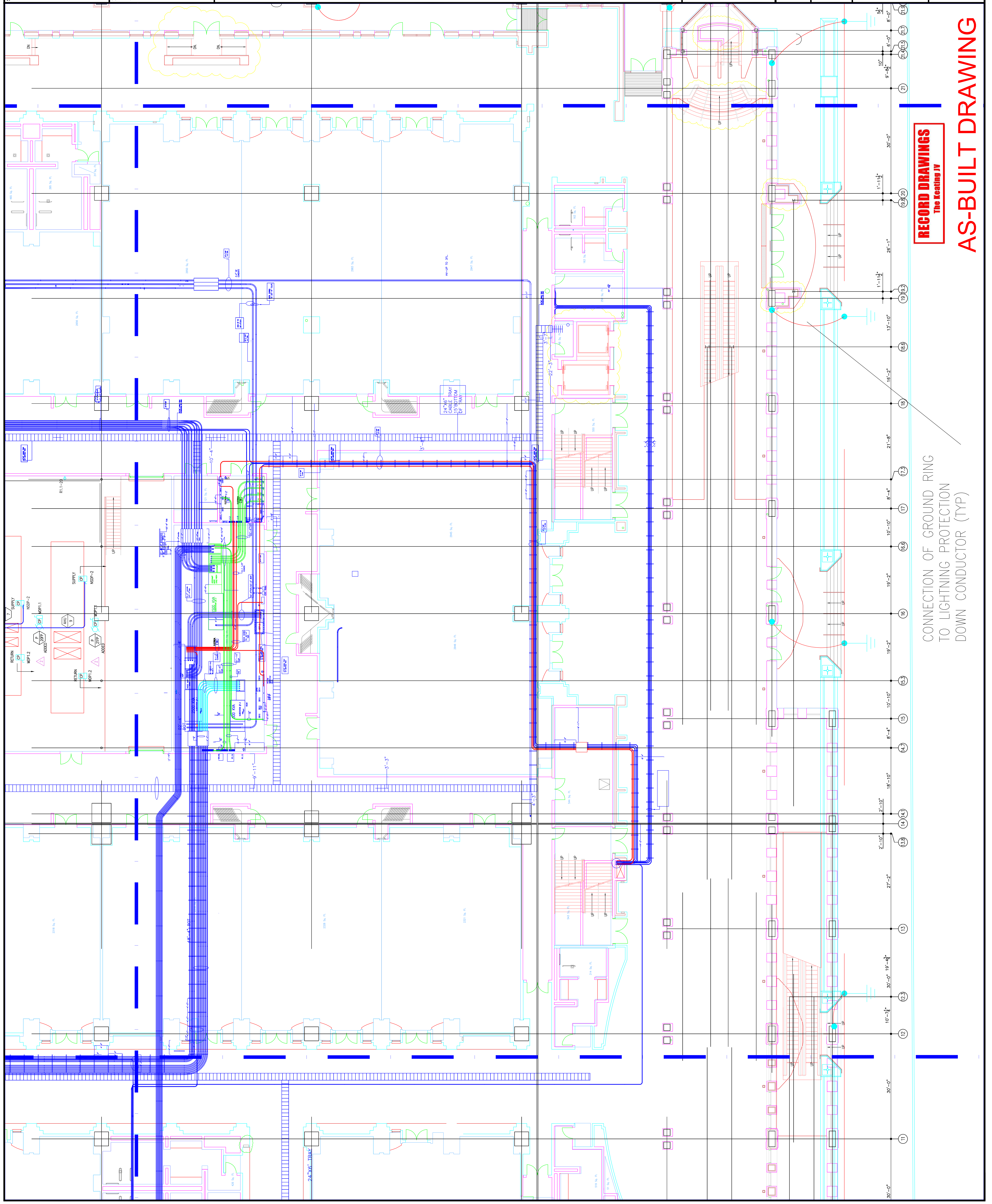
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**LEVEL 1
POWER PLAN
MIDDLESOUTH**

Sheet No.
EP215-GG



RECORD DRAWINGS
The Keating IV

AS-BUILT DRAWING



RECORD DRAWINGS
The Heating JV

CONNECTION OF GROUND RING
TO LIGHTNING PROTECTION
DOWN CONDUCTOR (TYP)

AS-BUILT DRAWING

Sheet No. EP215-GGA

LEVEL-1
POWER PLAN
MIDDLESOUTH

Drawing Title:

Scale:
Plot Date:
Checked By: DATE
Job No. 100830
Drawn By: DRAWN BY NISH
Checked By: CHECKED BY_ML

E-Mail: gordongroup.electric.com
415-253-2424 FAX
170-A LORETTA AVE.
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EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER PLACE
ONE PENNSYLVANIA CONVENTION CENTER AUTHORITY
PHILADELPHIA, PENNSYLVANIA 19107

Revisions

Seal

Revisions

Scale

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



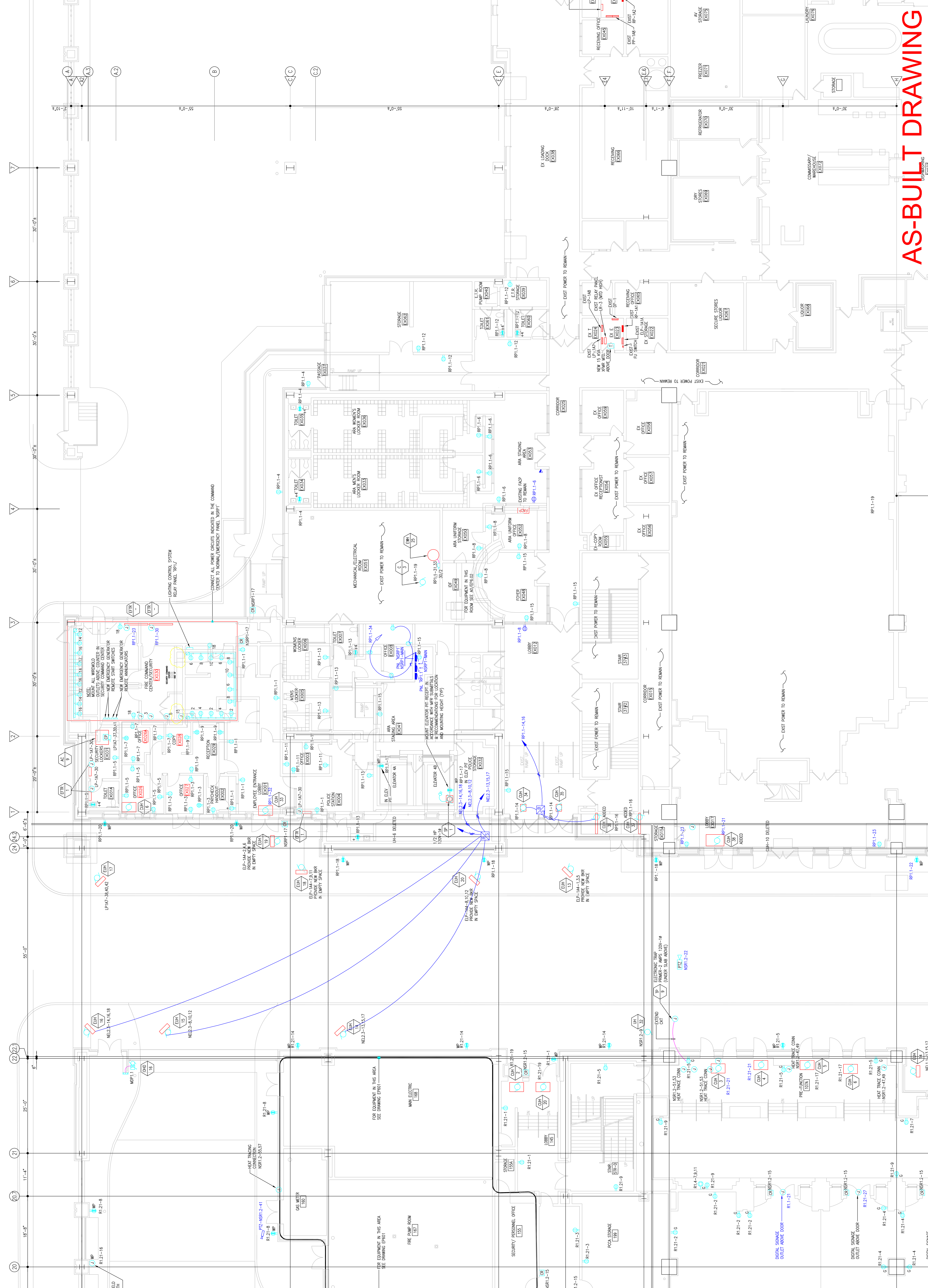
TRINA LONNETTA, A.E.
Feasterville, PA, 19053
(215)953-1212
E-Mail: gordongroup@electric.com

Job No: JOE-NO
Drawn By: DRAWN BY: NSH
Checked By: DATE
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:

LEVEL 1
POWER PLAN
NORTHEAST

Sheet No. **EP216-GG**



Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



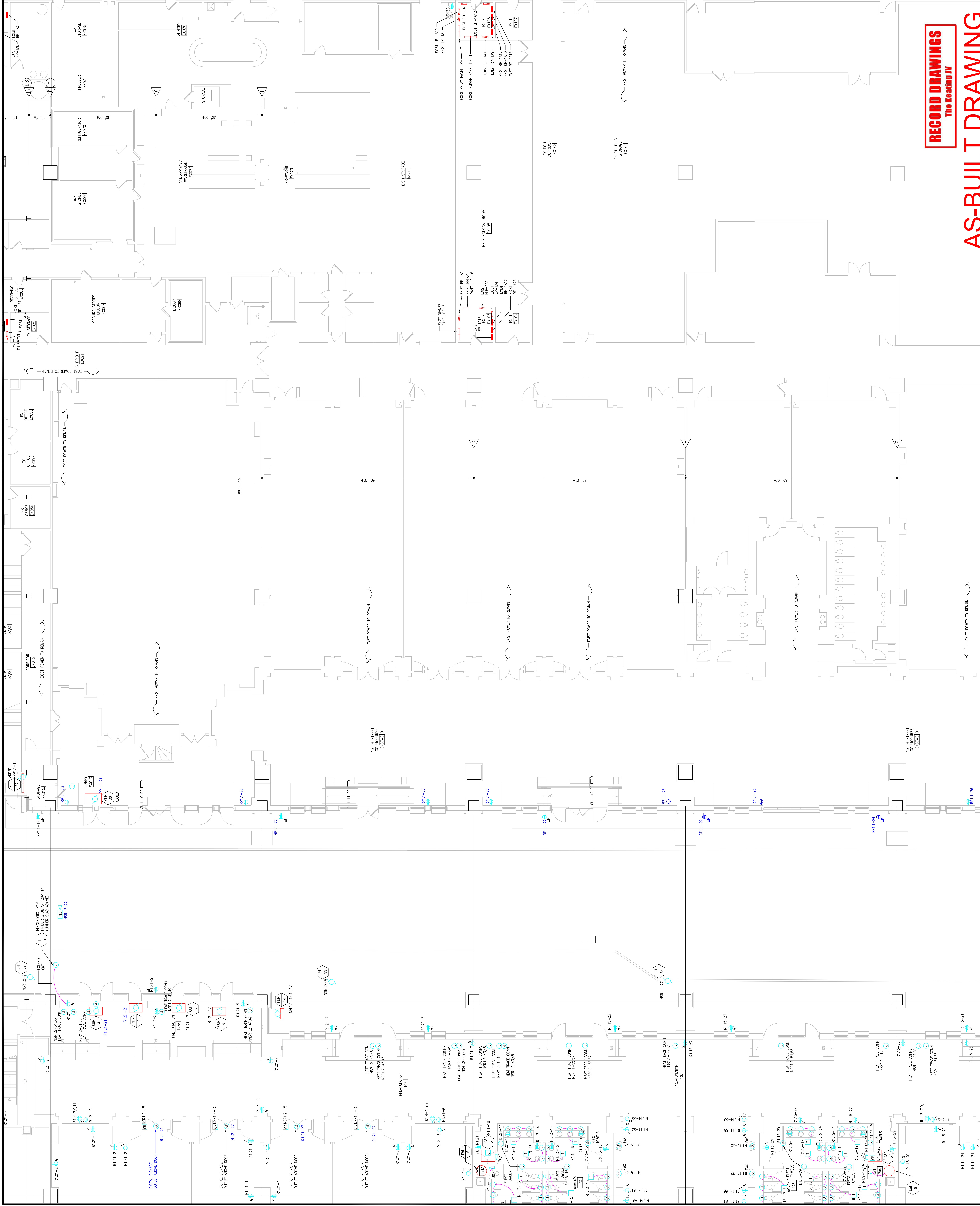
THOMAS LORETTA, ANE
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 (215)322-9598 FAX
 E-Mail: gordongroup@electric.com

Job No: JORL NO
 Drawn By: DRAWN BY_NSH
 Checked By: DATE
 Plot Date: DATE
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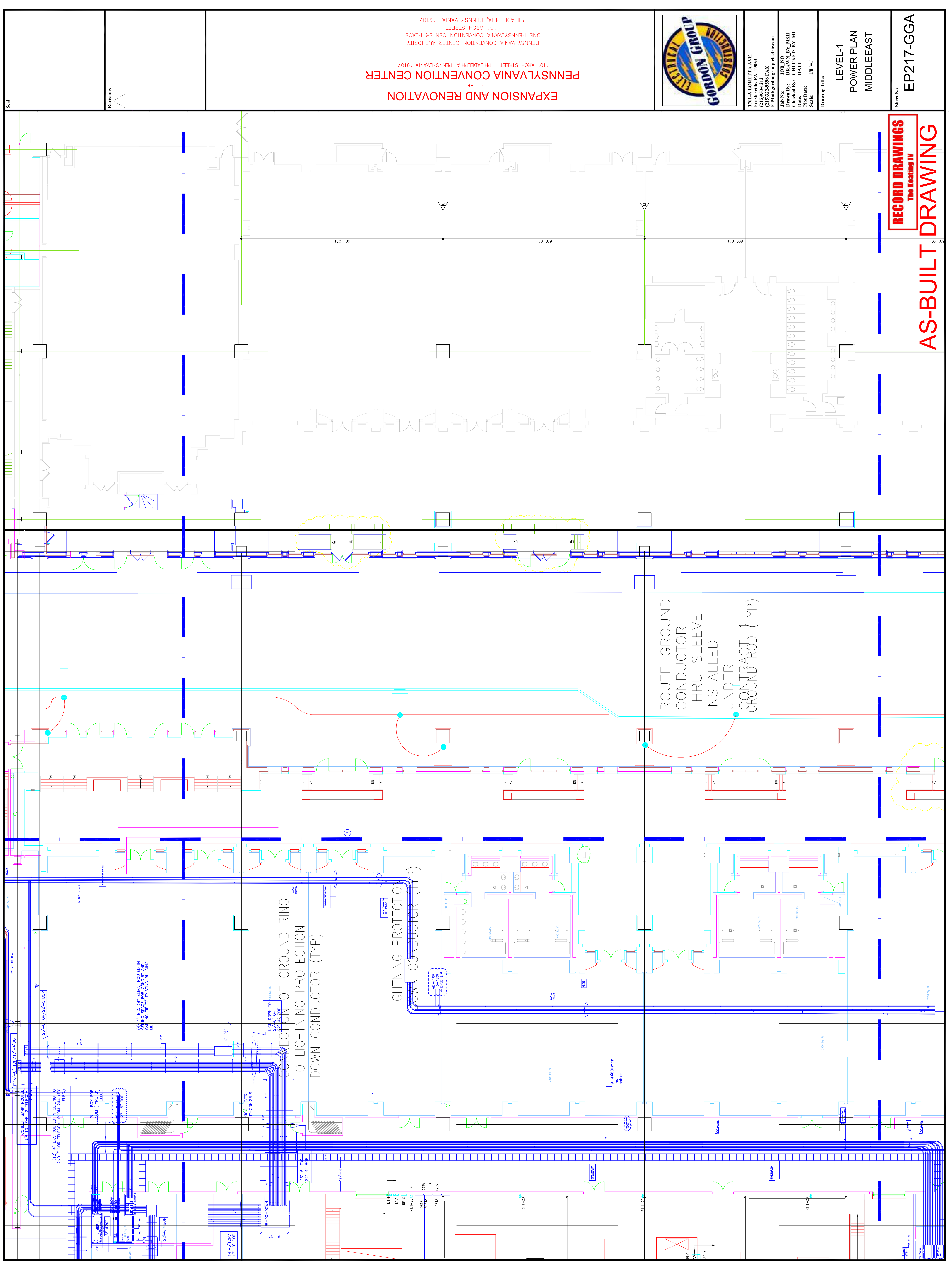
Drawing Title:

**LEVEL 1
 POWER PLAN
 MIDDLE EAST**

Sheet No.
EP217-GG



RECORD DRAWINGS
 The Heating IV
AS-BUILT DRAWING



RECORD DRAWINGS
The Keating IV
AS-BUILT DRAWING

Sheet No. EP217-GGA

LEVEL-1
POWER PLAN
MIDDLEEAST

Job No. 108-90
Drawn By: DRANS, BV, MSH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date:
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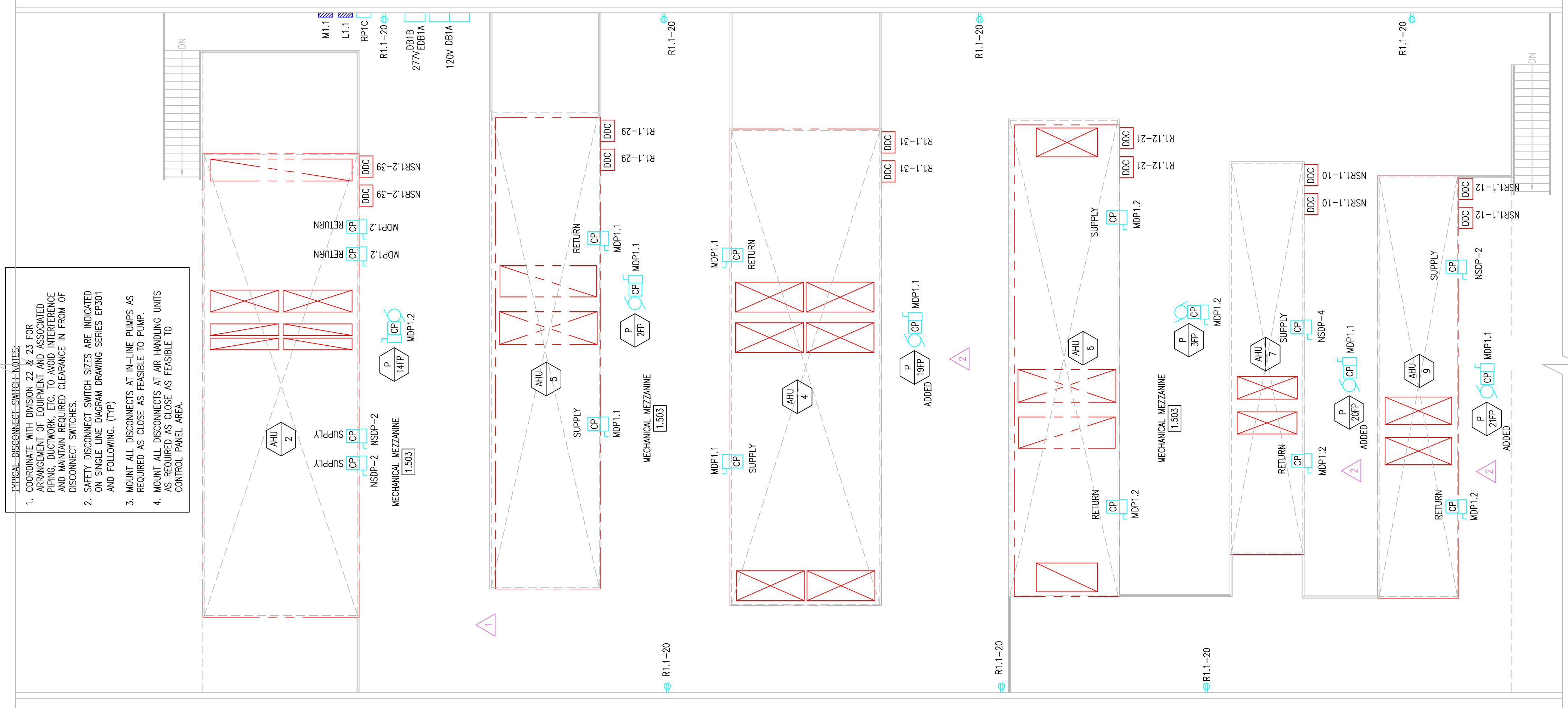
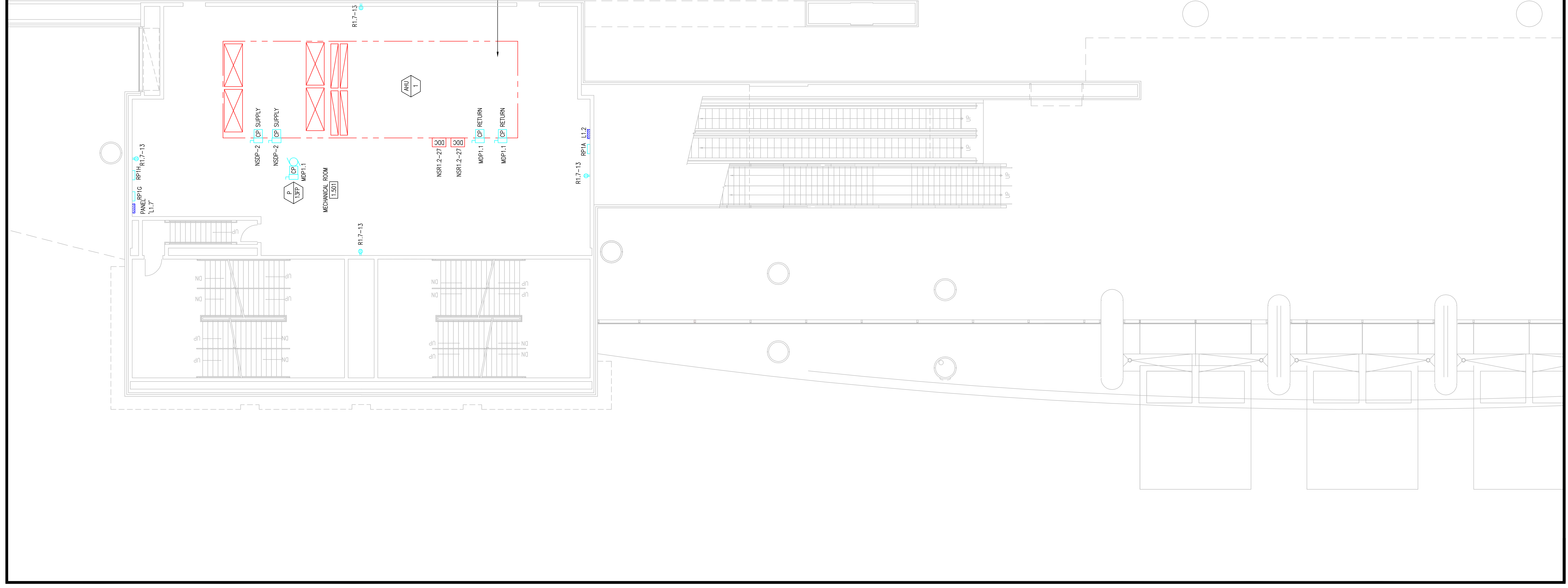
1704-A LORETTA AVE.
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215-252-2424 FAX
E-Mail: gordongroup@electric.com



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
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PHILADELPHIA, PENNSYLVANIA 19107

Revisions

Scale



RECORD DRAWINGS
The Keating IV

AS-BUILT DRAWING

Sheet No. **EP219 GG**

LEVEL 1.5
POWER PLAN

Drawing Title:

Scale:

Plot Date:

Checked By: **DATE**

Drawn By: **DATE**

Job No. **1008 00**

Job Name: **DRYAN, BY NISH**

1704-A LORETTA AVE.
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215-253-2428 FAX

E-Mail: info@gordongroup.com



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
PHILADELPHIA, PENNSYLVANIA 19107

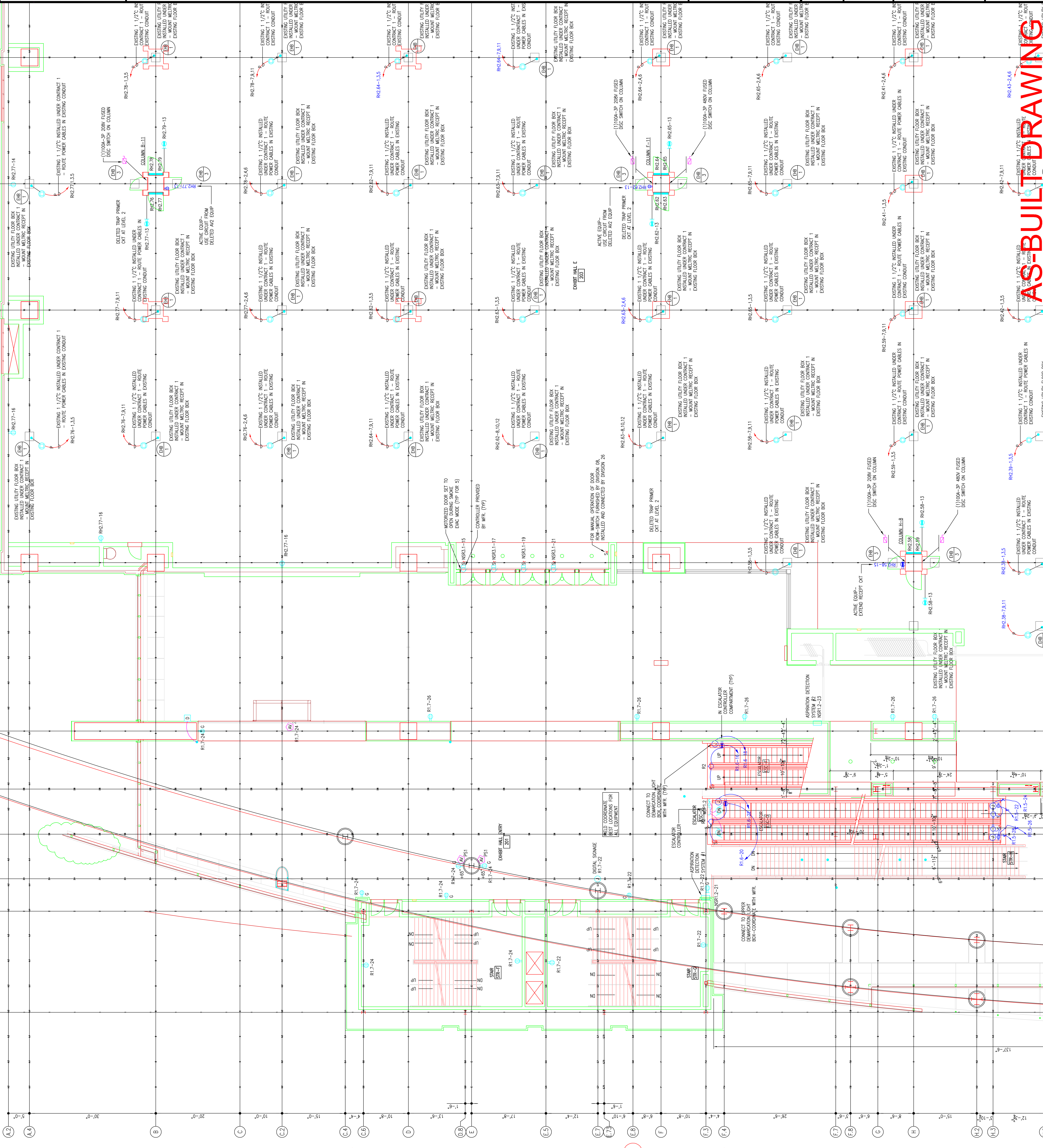


1701-A LOMBETTA AVE.
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(215)953-4212
E-Mail: gordongroup@electric.com

Job No: J08L NO
Drawn By: DRAWN BY: WSH
Checked By: CHECKED BY: ML
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:
**LEVEL 2
POWER PLAN
NORTHWEST**

Sheet No.
EP220 GG



AS-BUILT DRAWING

AS-BUILT DRAWING

AS-BUILT DRAWING

AS-BUILT DRAWING

AS-BUILT DRAWING

RECORD DRAWINGS
The Keating IV

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



THOMAS LORETTA, AVE.
FEASTERSVILLE, PA. 19633
(215)953-4212
E-MAIL: gordongroup@electric.com

Job No: JOE_NO
Drawn By: DR. L. W. BY, MSJ
Checked By: D. W. C. BY, MSJ
Plot Date: 01/16/11
Scale: 1/8"=1'

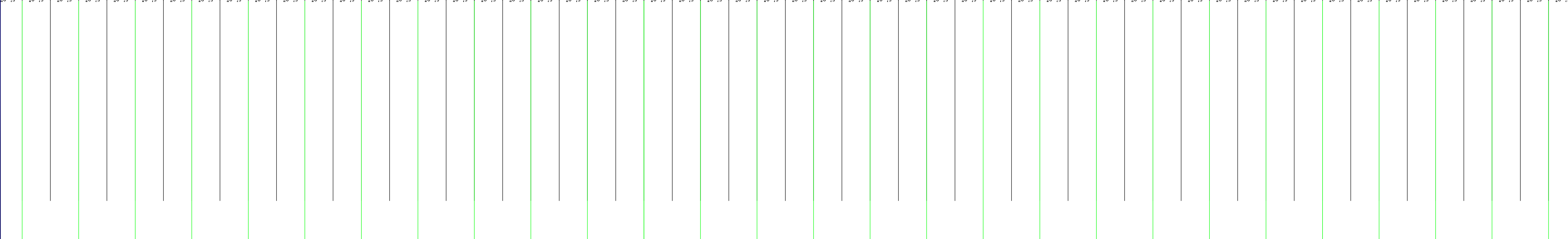
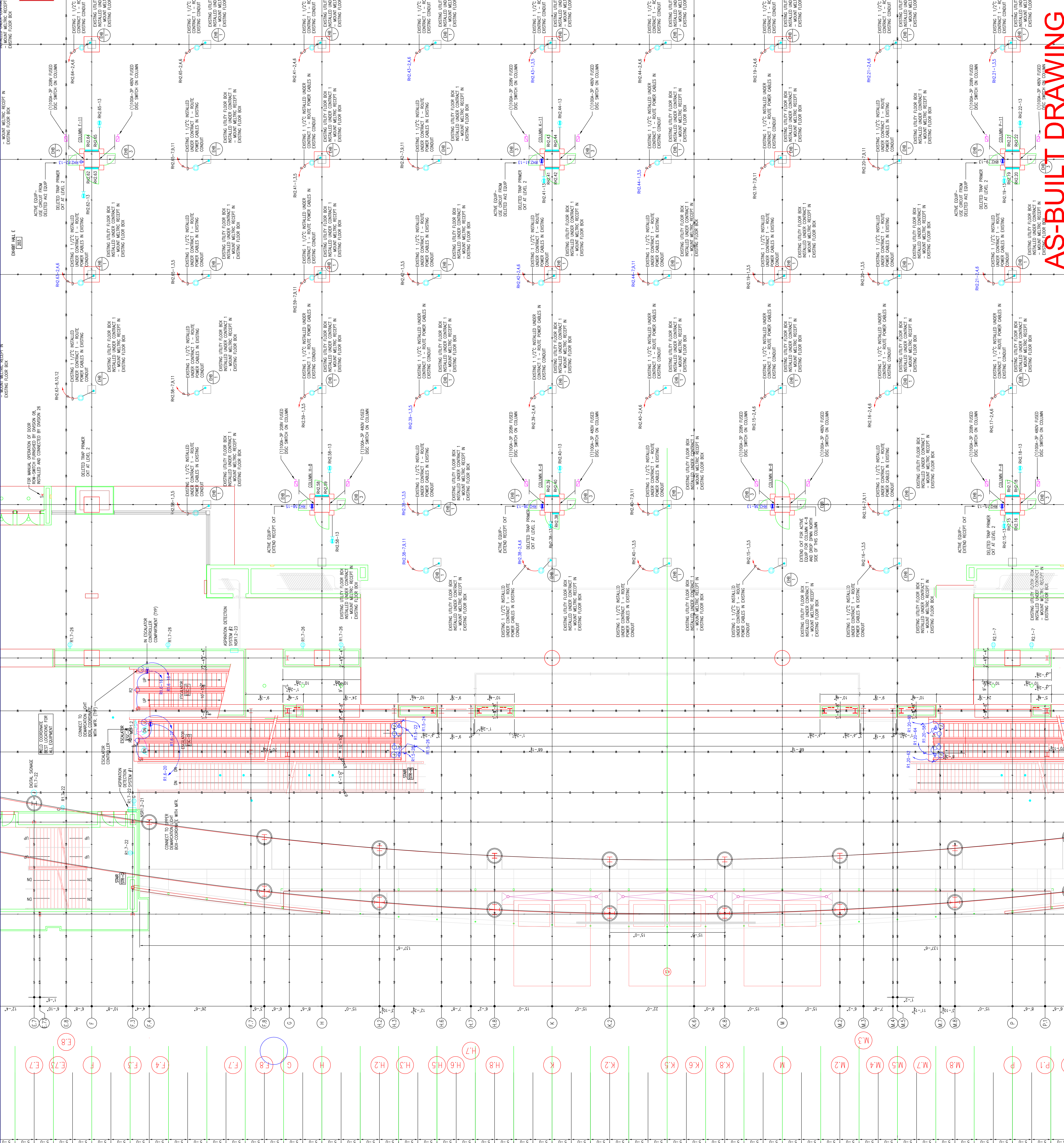
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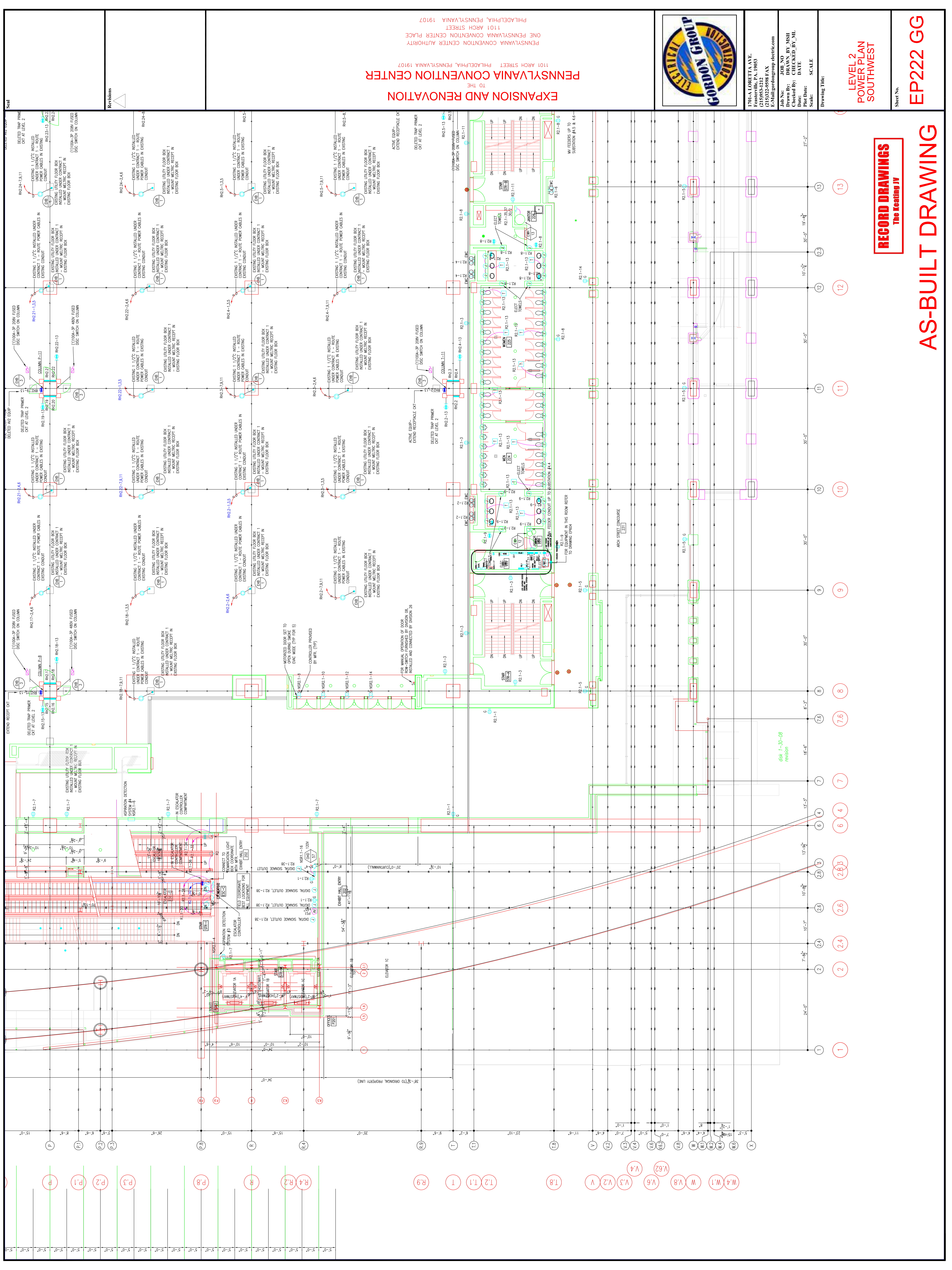
**LEVEL 2
POWER PLAN
MIDDLEWEST**

Sheet No.

EP221 GG

AS-BUILT DRAWING





Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pottsville, PA. 19663
610-253-2438 FAX
E-Mail: gordongroup@electric.com

Job No. 1008-08
Drawn By: DRAWN_BY_MSH
Checked By: CHECKED_BY_ML
Date: DATE
Scale: SCALE
Drawing Title:

**LEVEL 2
POWER PLAN
SOUTHWEST**

Sheet No. **EP222 GG**

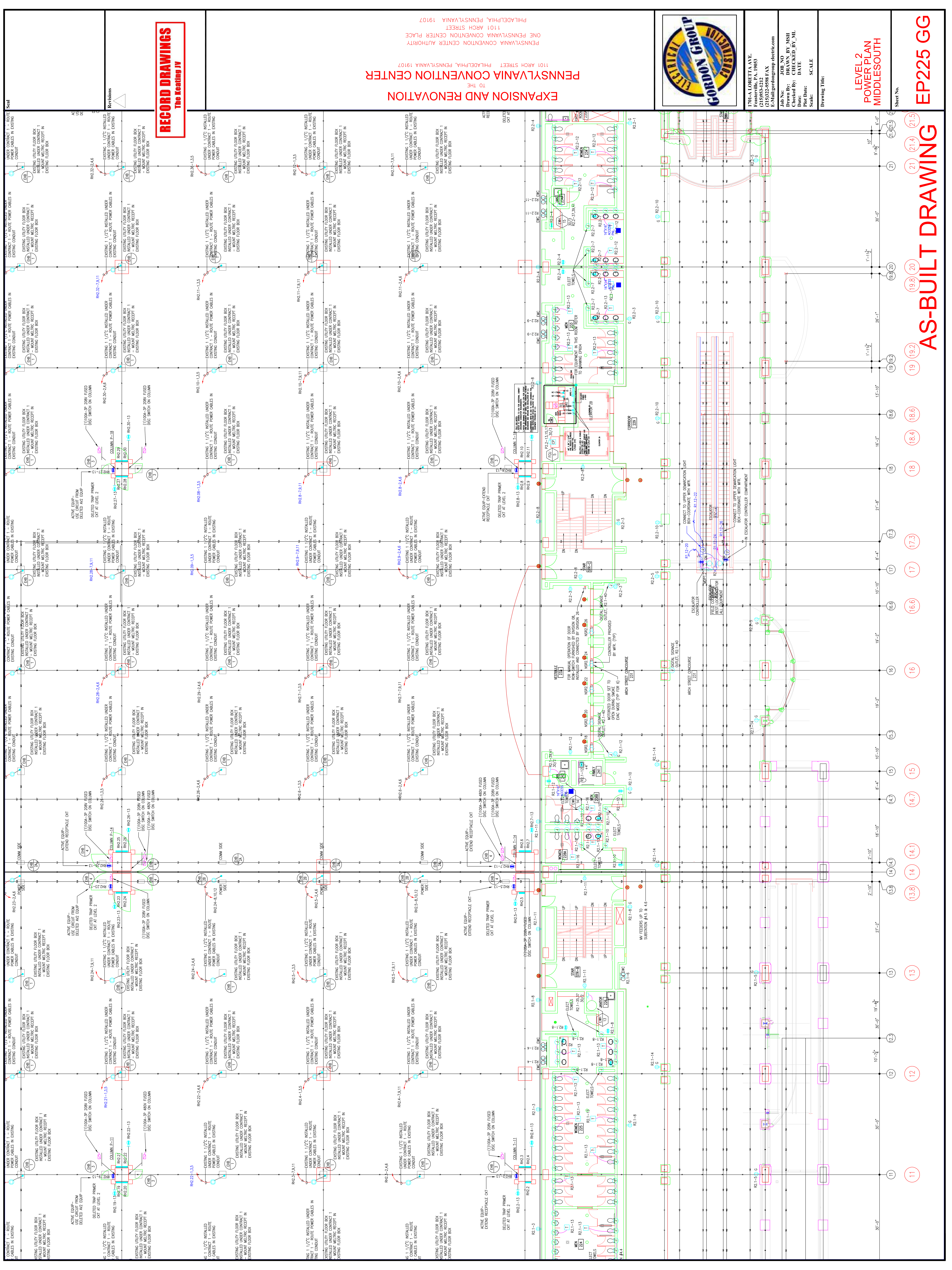
RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING

W4, W.1, W, V.8, V.6, V.3, V.2, V, T.8, T.1, T, R.9, R.4, R.2, P.3, P.2, P.1, P

1, 2, 2.4, 2.6, 2.6.3, 3, 4, 4, 5, 6, 7, 7.6, 8, 9, 10, 11, 12, 13

658, 1-30-08
revision



RECORD DRAWINGS
The Keating IV

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER PLACE
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
FENESTRER, PA. 19063
215-252-2428 FAX
E-Mail: gordongroup@electric.com

Job No: 100878
Checked By: DRAWN BY MSH
Date: DATE
Scale: SCALE
Drawing Title:

**LEVEL 2
POWER PLAN
MIDDLESOUTH**

Sheet No.

AS-BUILT DRAWING

11 12 13 13.8 14 14.1 14.7 15 16 16.6 17 17.3 18 18.4 18.6 19 19.2 19.8 20 21 21.4 21.5

Scale

Revisions

RECORD DRAWINGS
The Recording IV

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
FENESTRILLE, PA. 19653
215-252-5238 FAX
E-Mail: gordongroup@electric.com

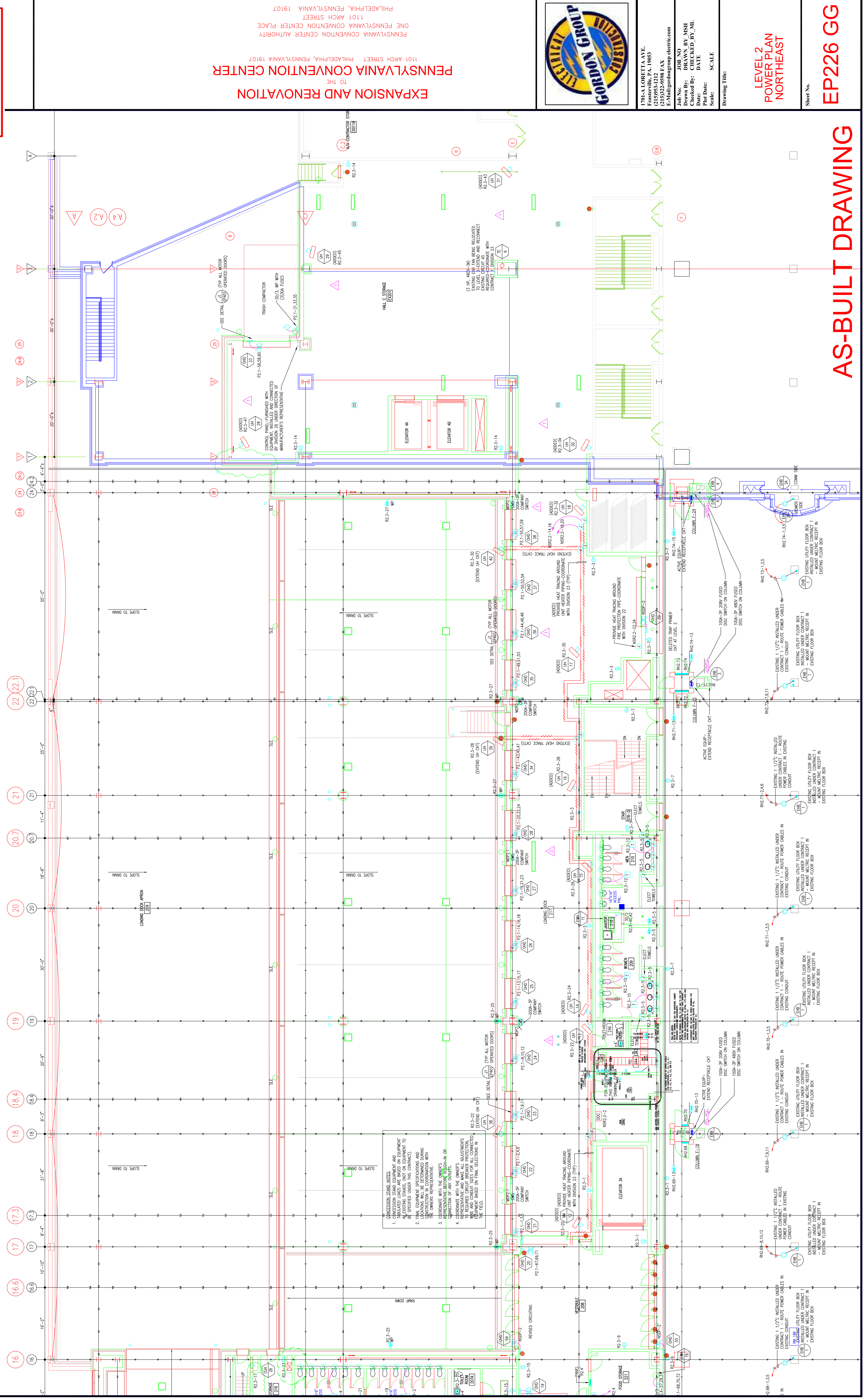
Job No.: 1009-00
Drawn By: DRANN, BY, MSH
Checked By: CHECKED_BY_ML
Date: DATE
Scale: SCALE
Drawing Title:

**LEVEL 2
POWER PLAN
NORTHEAST**

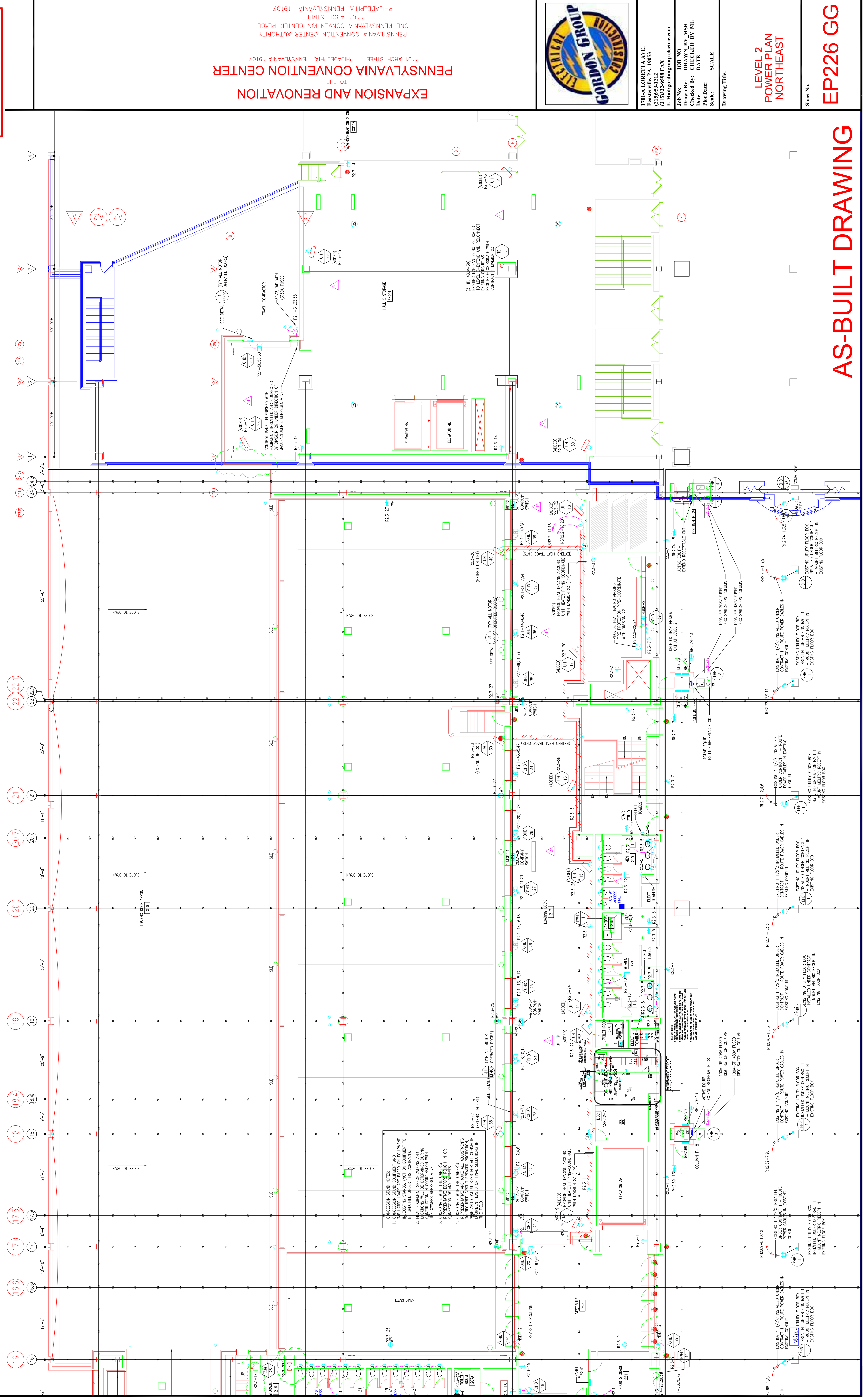
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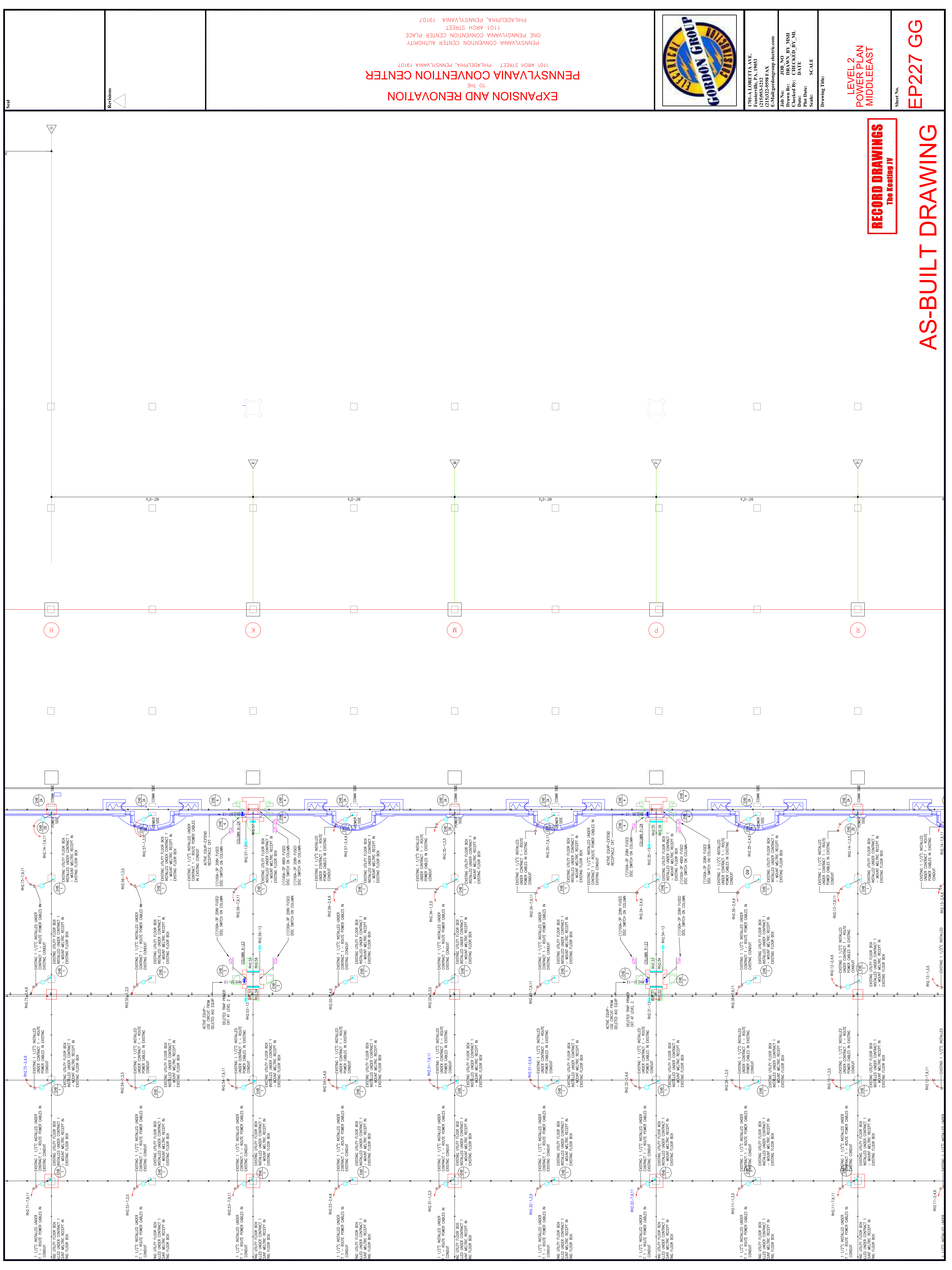
EP226 GG

AS-BUILT DRAWING

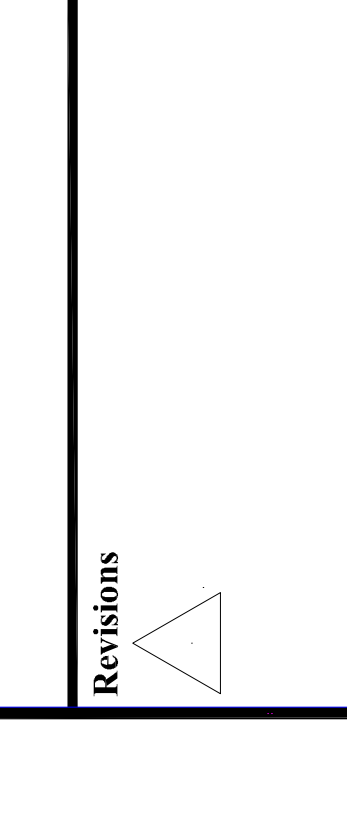


ADMISSION SIGN NOTES:
1. ALL EQUIPMENT SHALL BE INSTALLED IN THE FIELD.
2. ALL EQUIPMENT SHALL BE INSTALLED IN THE FIELD.
3. ALL EQUIPMENT SHALL BE INSTALLED IN THE FIELD.
4. ALL EQUIPMENT SHALL BE INSTALLED IN THE FIELD.





Steel



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER PLACE
ONE PENNSYLVANIA CONVENTION CENTER PLACE
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Fenesterville, PA. 19653
610-252-2428 FAX
610-252-2428
E-Mail: gordongroup@earthlink.net

Job No.: 108780
Job Name: DRAYNS BY NISH
Checked By: CHECKED_BY_ML
Date: DATE
Scale: SCALE
Drawing Title:

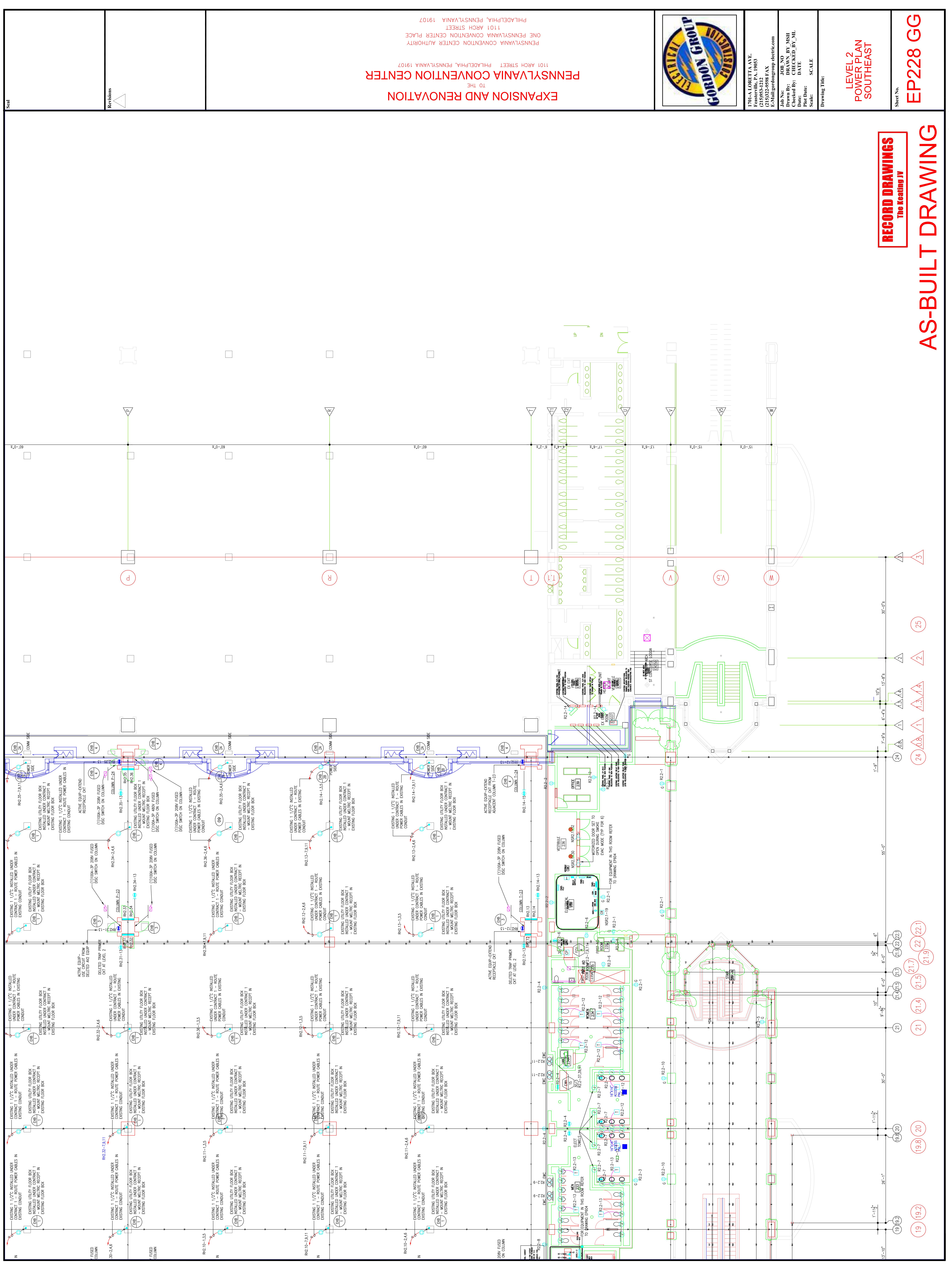
**LEVEL 2
POWER PLAN
MIDDLE EAST**

Sheet No.

EP227 GG

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING



RECORD DRAWINGS
The Reating IV

AS-BUILT DRAWING

Sheet No. **EP228 GG**

**LEVEL 2
POWER PLAN
SOUTHEAST**

Drawing Title:

Scale:

Date:

Checked By: **DRAWN BY MSH**

Job No. **108 N9**

GORDON GROUP ELECTRICAL

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER PLACE
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

Revisions

1.0-09

1.0-08

1.0-07

1.0-06

1.0-05

1.0-04

1.0-03

1.0-02

1.0-01

1.0-00

19 (19.2)

19 (19.2)

19.8 (20)

21 (21.4)

21 (21.5)

21.7 (21.7)

21.9 (21.9)

22 (22.1)

22 (22.1)

24 (24.8)

24 (24.8)

25 (25)

25 (25)

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30-02

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30-04

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30-26

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30-28

30-29

30-30



1704-A LORETTA AVE.
 Feasterville, PA. 19053
 215-252-2424 FAX
 E-Mail: gordongroup@electric.com

Job No. 108-09
 Drawn By: DRAWN BY NISH
 Checked By: CHECKED BY ML
 Date: DATE
 Plot Date: DATE
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 Drawing Title:

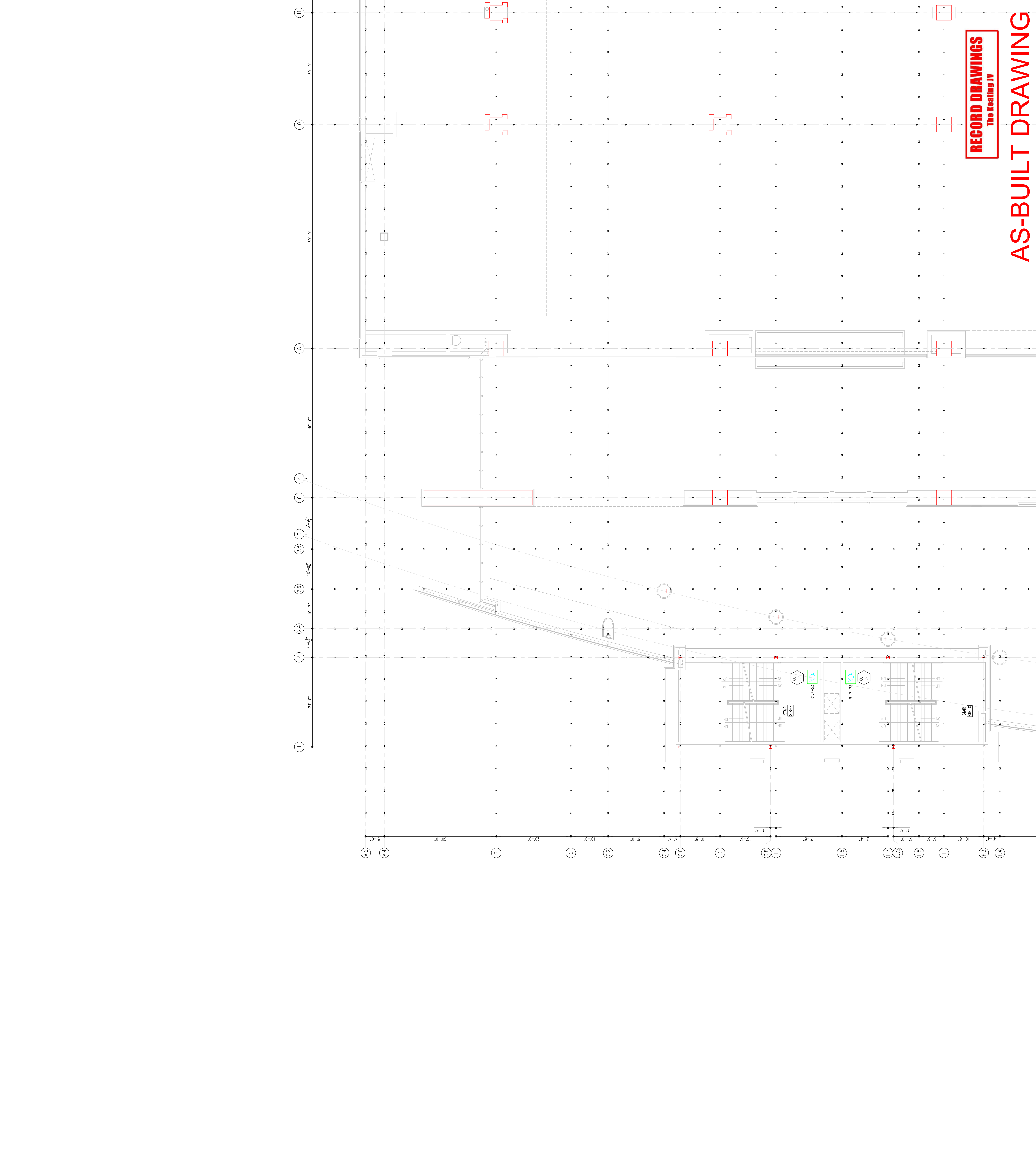
**LEVEL-3
 POWER PLAN
 NORTHWEST**

Sheet No. **EP230-GG**

**EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER**
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107

Seal
 Revisions

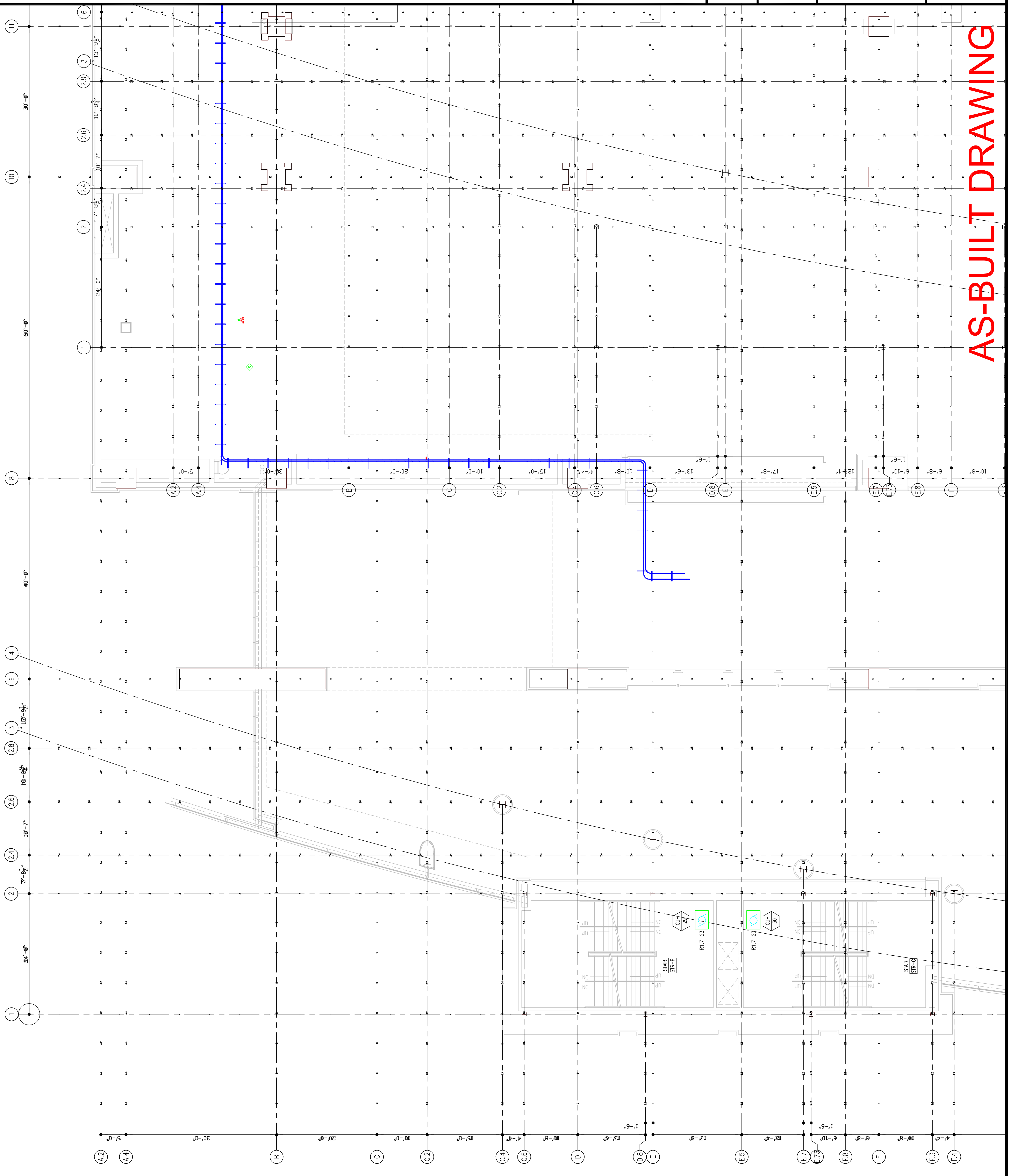
RECORD DRAWINGS
 The Heating JV
AS-BUILT DRAWING



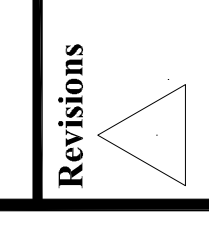


EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

RECORD DRAWINGS
The Keating JV



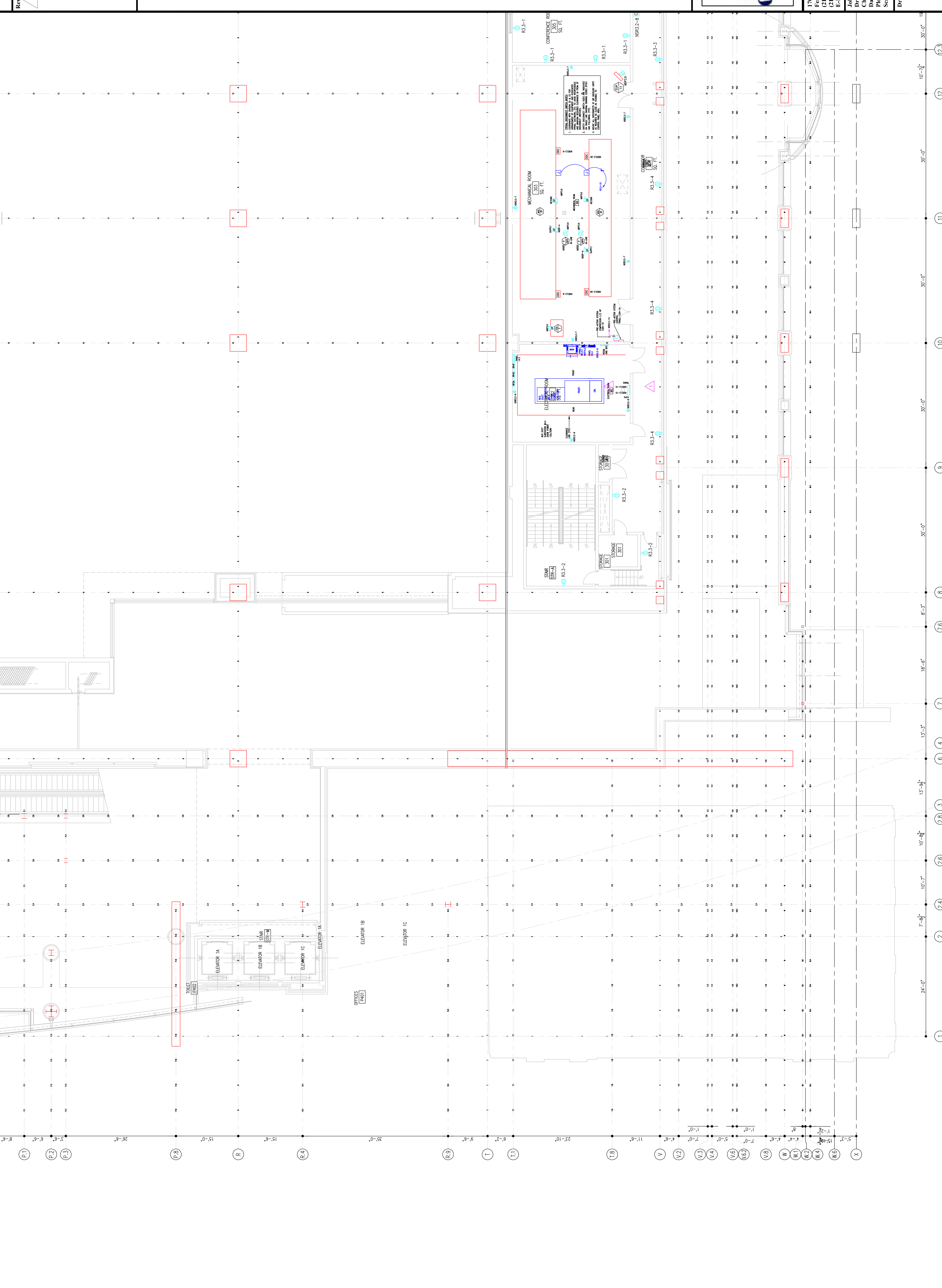
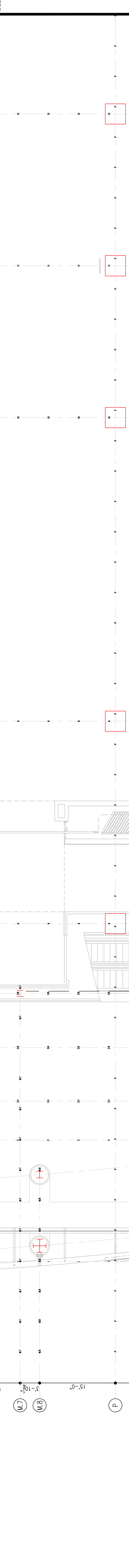
AS-BUILT DRAWING



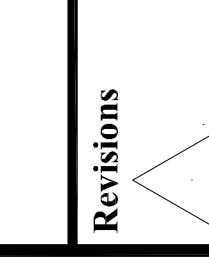
Revisions

Scale

Steel



11 10 9 8 7 6 5 4 3 2 1 12 11 10 9 8 7 6 5 4 3 2 1 X W V U T S R Q P O N M L K J I H G F E D C B A



Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
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PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pottsville, PA 19863
610-583-4242 FAX
E-Mail: gordongroup@electric.com

Job No: 1008-00
Drawn By: DRAWN BY NISH
Checked By: CHECKED BY ML
Date: DATE
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:

**LEVEL-3
POWER PLAN
SOUTHWEST**

RECORD DRAWINGS
The Leading JV

AS-BUILT DRAWING

Sheet No.

EP230-GG

Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



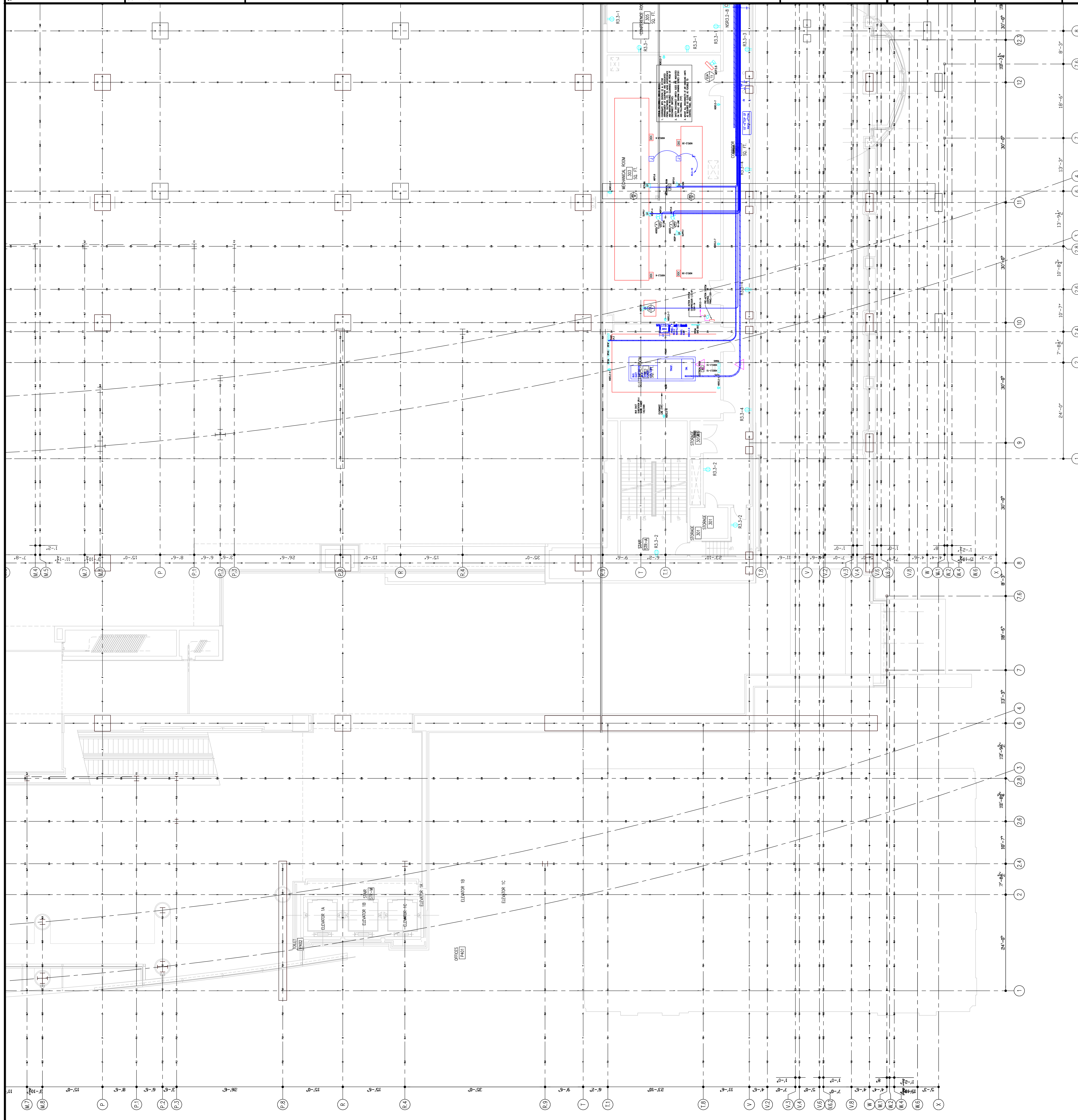
1701-A LORETTA AVE.
 Feasterville, PA. 19053
 215-952-2424 FAX
 E-Mail: gordongroup@electric.com

Job No: 1008-00
 Drawn By: DRAWN, BV, NISH
 Checked By: CHECKED_BY_ML
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-3
 POWER PLAN
 SOUTHWEST**

Sheet No.

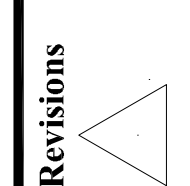
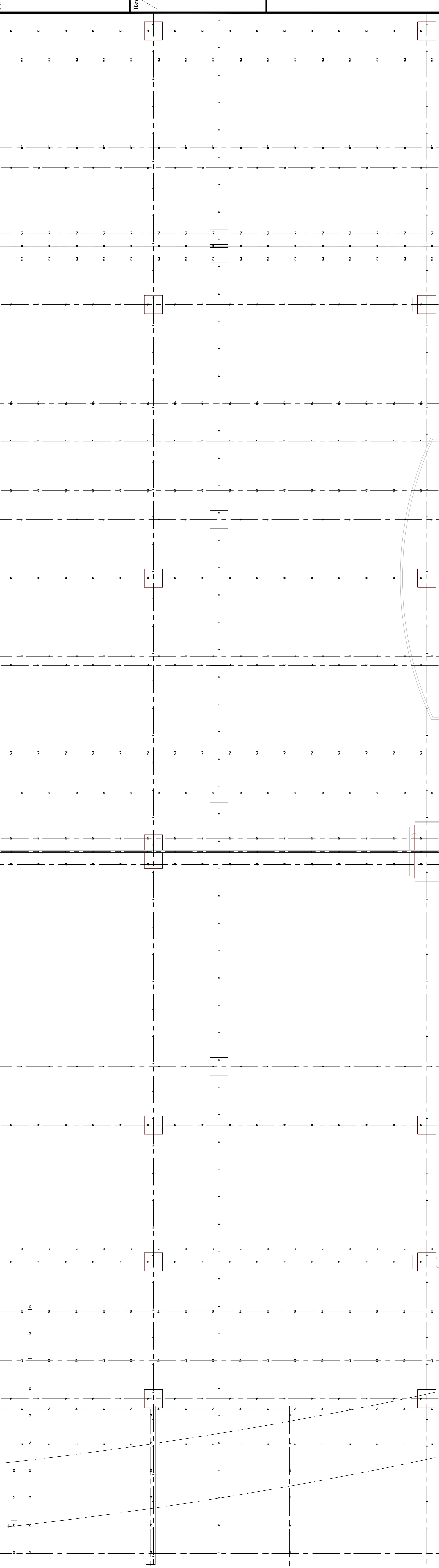
EP230-GG



RECORD DRAWINGS
 The Leading IV

AS-BUILT DRAWING

Steel



Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pensacola, PA. 19653
717-326-1100
717-326-1101 FAX
E-Mail: gordongroup@electric.com

Job No: 1008-00
Drawn By: DRAWN, BY, NISH
Checked By: CHECKED, BY, ML
Date: DATE
Plot Date: DATE
Scale: 1/8"=1'
Drawing Title:

LEVEL-3
POWER PLAN
NORTHWEST

Sheet No.

EP230-GG

RECORD DRAWINGS
The Keating IV

AS-BUILT DRAWING

Steel

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER PLACE
ONE PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pottsville, PA 19863
610-593-5438 FAX
E-Mail: gordongroup@electric.com

Job No: 108 NS
Drawn By: DRANN, BY, NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
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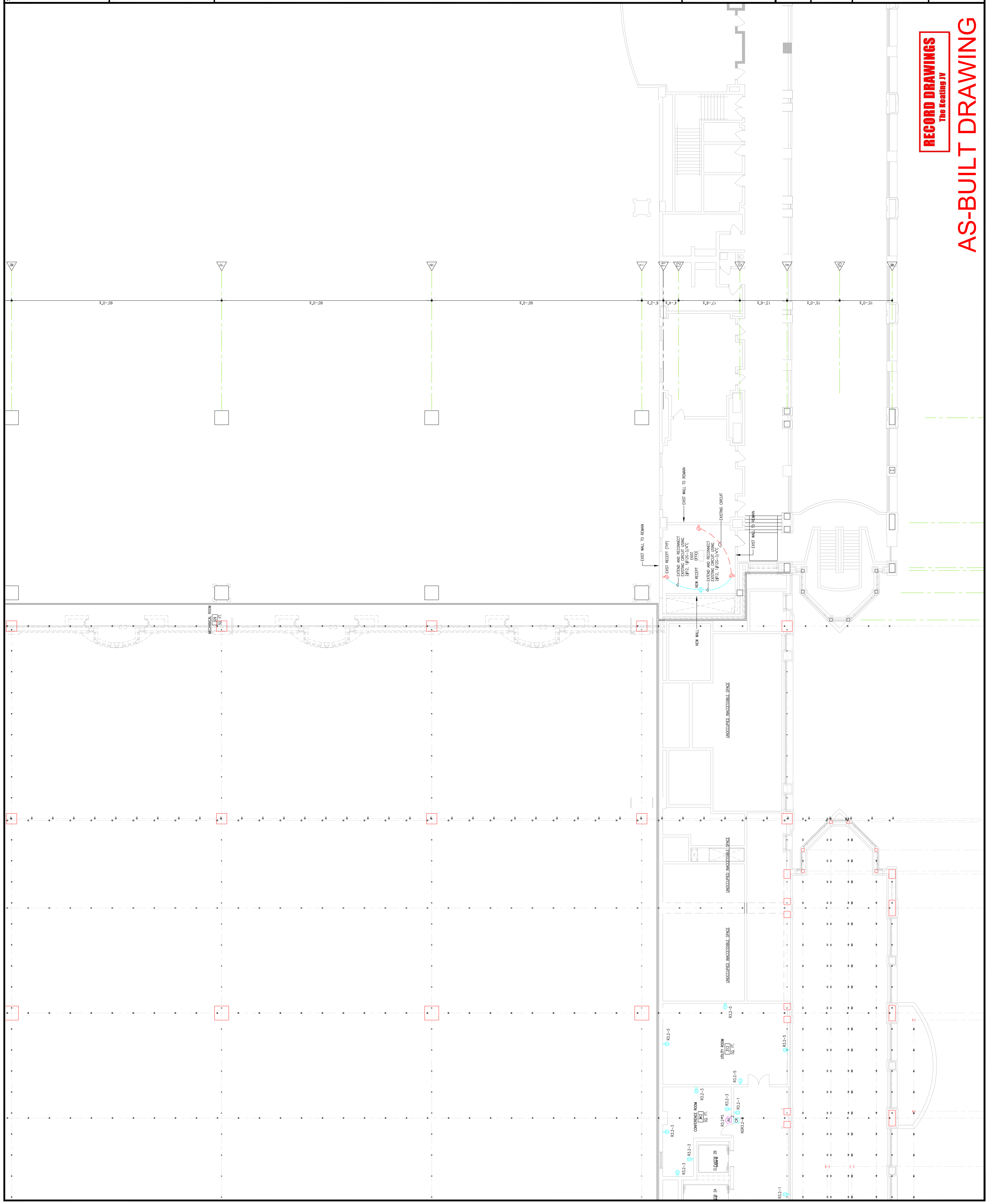
**LEVEL-3
POWER PLAN
NORTHWEST**

Sheet No.

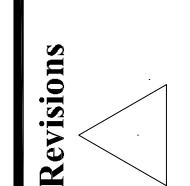
EP230-GG

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING



Steel



1 12'-9" 1.6 11'-3" 2 21 2.3 5'-8 1/2" 2.8 13'-5 1/2" 3 3 4 49'-0" 6 60'-0" 8 30'-0" 10 30'-0" 11 30'-0" 12

3.4 B 15'-0" C 10'-0" D 15'-6" E 17'-8" F 12'-4" G 10'-10" H 9'-0" I 6'-0" J 30'-0" K 6'-0" L 10'-8" M 10'-8" N 10'-8" O 10'-8" P 10'-8" Q 10'-8" R 10'-8" S 10'-8" T 10'-8" U 10'-8" V 10'-8" W 10'-8" X 10'-8" Y 10'-8" Z 10'-8"

TYPICAL DISCONNECT SWITCH NOTES
 1. COORDINATE WITH DIVISION 22 & 23 FOR ARRANGEMENT OF EQUIPMENT AND TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FROM OF EQUIPMENT.
 2. INDICATED ON SINGLE LINE DIAGRAM ARE PUMPS AS REQUIRED AS FEASIBLE TO BE CLOSE TO CONTROL PANEL AREA.

TYPICAL DISCONNECT SWITCH NOTES
 1. COORDINATE WITH DIVISION 22 & 23 FOR ARRANGEMENT OF EQUIPMENT AND TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FROM OF EQUIPMENT.
 2. INDICATED ON SINGLE LINE DIAGRAM ARE PUMPS AS REQUIRED AS FEASIBLE TO BE CLOSE TO CONTROL PANEL AREA.

TYPICAL DISCONNECT SWITCH NOTES
 1. COORDINATE WITH DIVISION 22 & 23 FOR ARRANGEMENT OF EQUIPMENT AND TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FROM OF EQUIPMENT.
 2. INDICATED ON SINGLE LINE DIAGRAM ARE PUMPS AS REQUIRED AS FEASIBLE TO BE CLOSE TO CONTROL PANEL AREA.

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



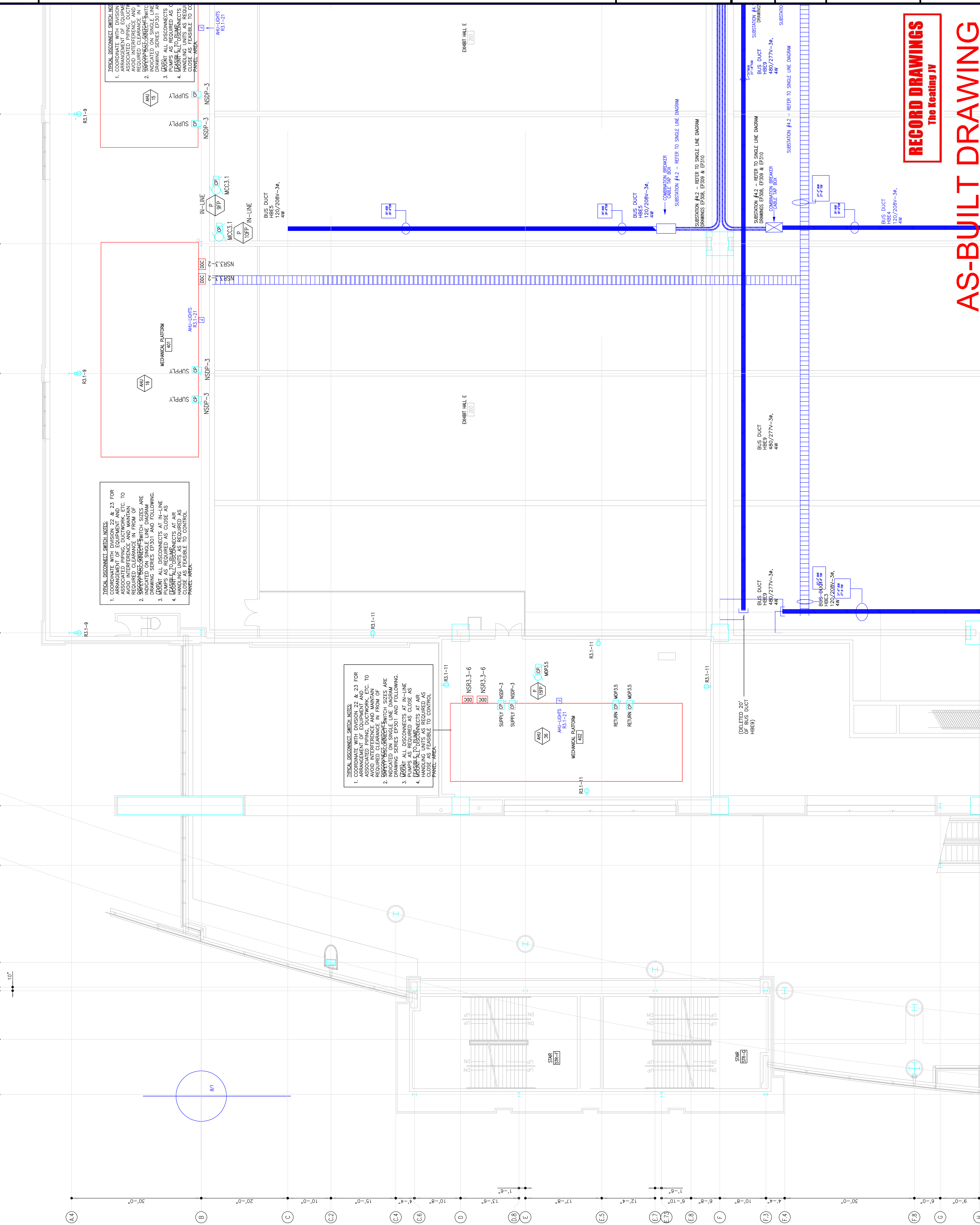
1701-A LORETTA AVE.
 Feasterville, PA. 19053
 (215) 252-2432 FAX
 E-Mail: gordongroup@electric.com

Job No. 100830
 Drawn By: DRAWN BY NISH
 Checked By: CHECKED BY_ML
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-4
 POWER PLAN
 NORTHWEST**

Sheet No.
EP240-GG

RECORD DRAWINGS
 The Heating IV
AS-BUILT DRAWING



Seal

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107

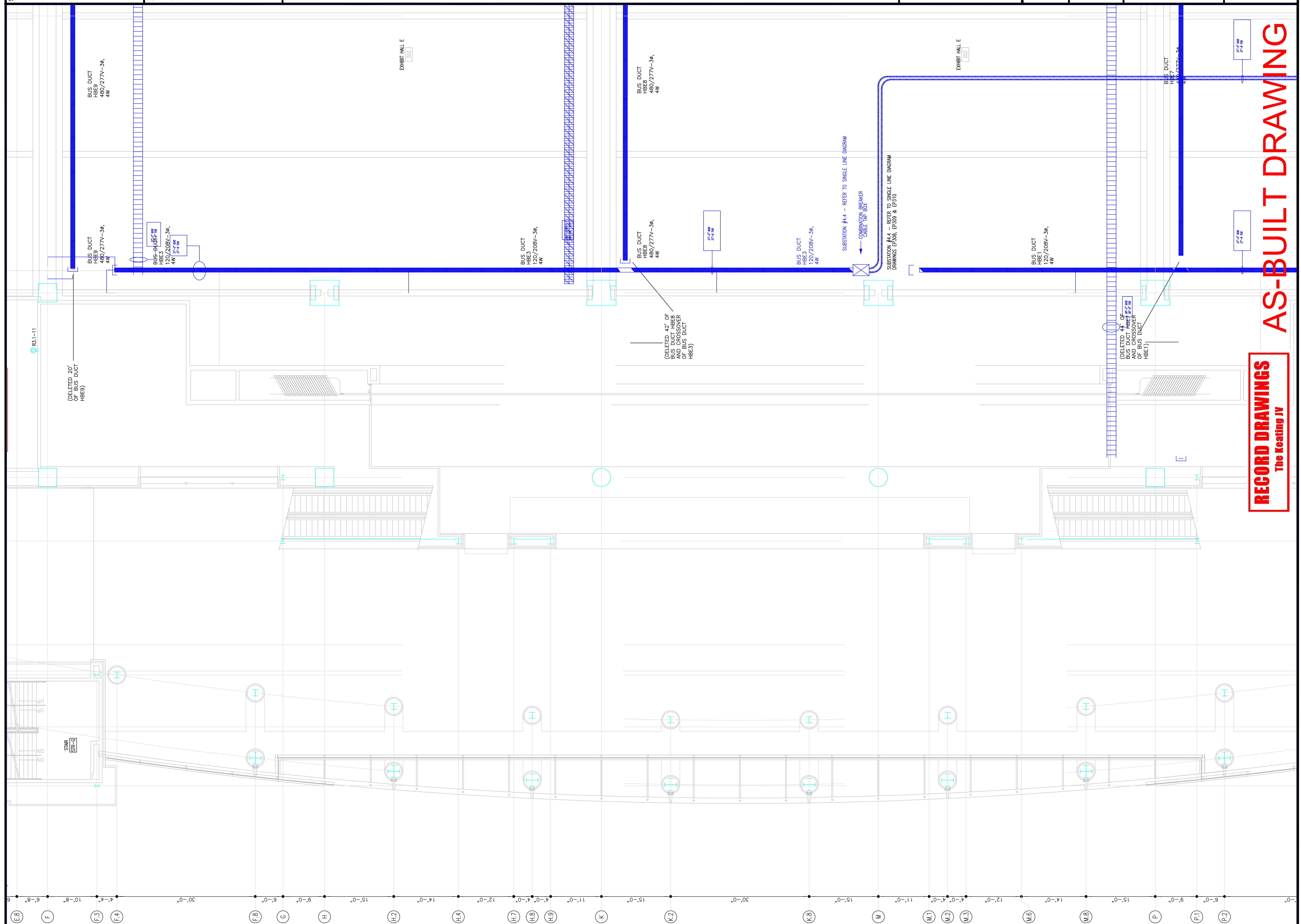


1701-A LORETTA AVE.
 Feasterville, PA. 19053
 (610) 253-2323 FAX
 E-Mail: gordongroup@electric.com

Job No. 100830
 Drawn By: DRAWN, BY, NISH
 Checked By: CHECKED, BY, ML
 Date: _____
 Plot Date: _____
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-4
 FIRE ALARM PLAN
 MIDDLEWEST**

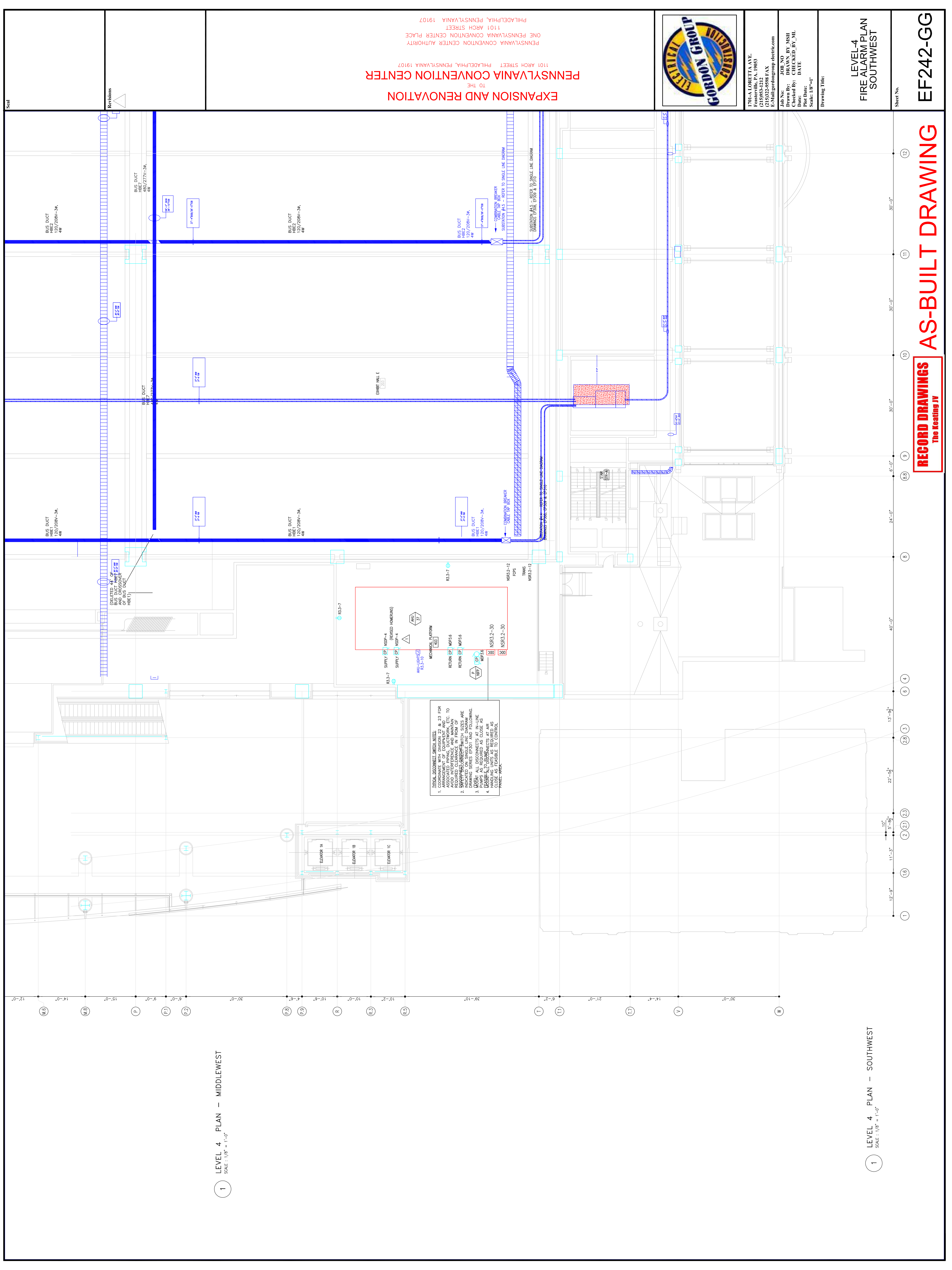
Sheet No.
EF241-GG



RECORD DRAWINGS
 The Sealing IV

AS-BUILT DRAWING

1 LEVEL 4 PLAN - MIDDLEWEST
 SCALE: 1/8" = 1'-0"



1 LEVEL 4 PLAN - MIDDLEWEST
SCALE: 1/8" = 1'-0"

1 LEVEL 4 PLAN - SOUTHWEST
SCALE: 1/8" = 1'-0"

RECORD DRAWINGS
The Keating JV

Sheet No. EF242-GG

LEVEL-4
FIRE ALARM PLAN
SOUTHWEST

Drawing Title:

Scale: 1/8"=1'

Plot Date:

Checked By: CHECKED_BY_ML

Drawn By: DRAWN_BY_MSH

Job No. 100830

Job Name: PENNSYLVANIA CONVENTION CENTER

Date:

Checked By:

Drawn By:

Job No.:

Job Name:

Date:

Checked By:

Drawn By:

Job No.:

Job Name:

Date:

Checked By:

Drawn By:

Job No.:

Job Name:

Date:

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Job No.:

Job Name:

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Checked By:

Drawn By:

Job No.:

Job Name:

Date:

Checked By:

Drawn By:

Job No.:

Job Name:

Date:

Checked By:

Drawn By:

Job No.:

Job Name:

Date:

Checked By:



1701-A LORETTA AVE.
Pensacola, PA. 19653
215-975-2122 FAX
E-Mail: gordongroup@electric.com

Job No. 100830
Job Name: DRAWN BY MSH
Checked By: CHECKED_BY_ML
Date: DATE

Scale: 1/8"=1'

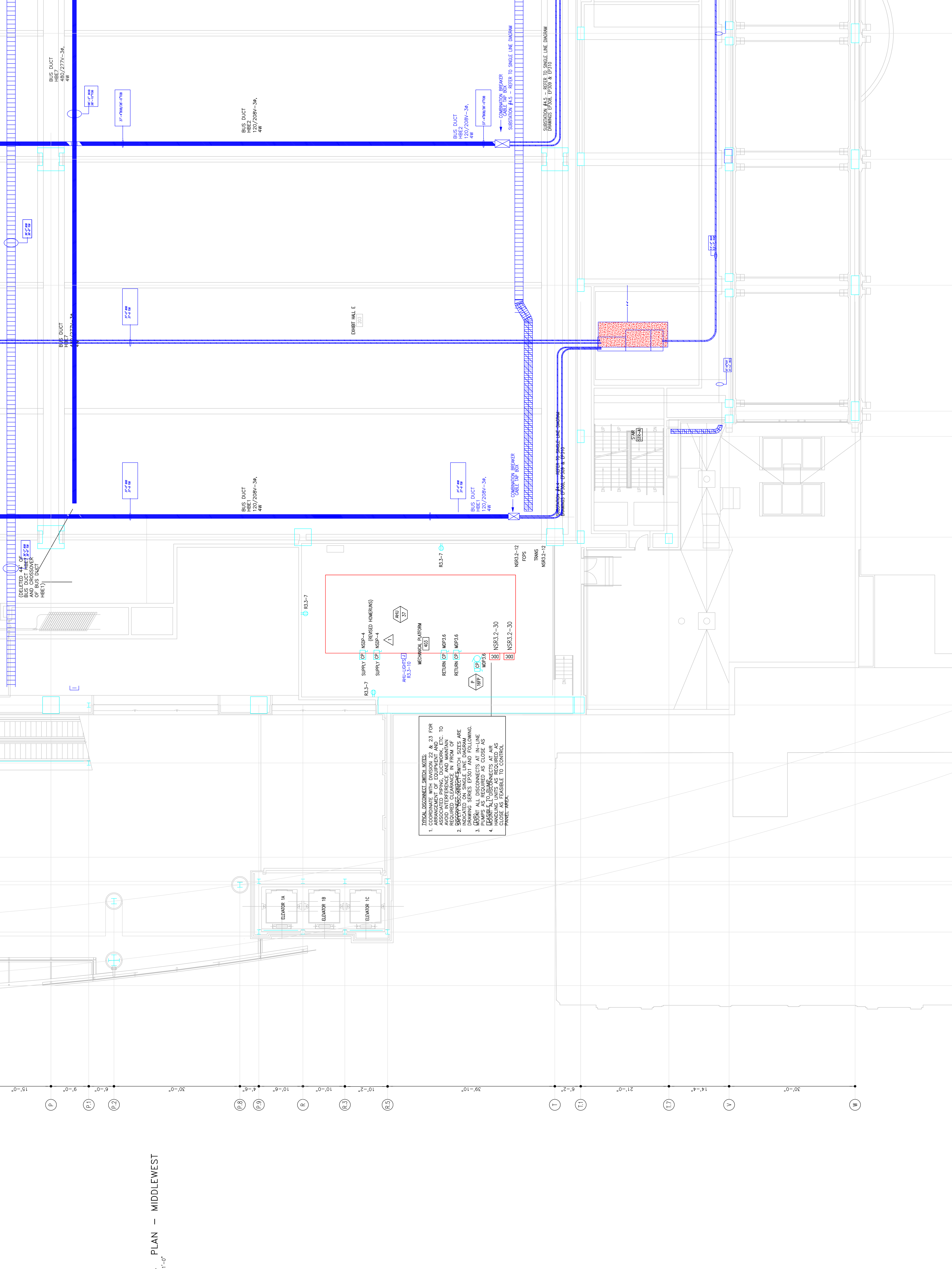
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LEVEL-4
FIRE ALARM PLAN
SOUTHWEST

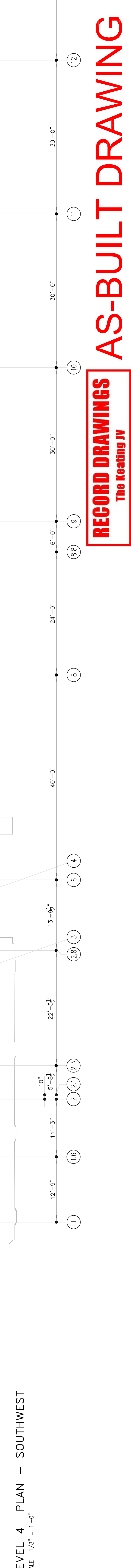
Sheet No. EF242-GG

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

GENERAL NOTES:
1. CORRELATE WITH DRAWING 22 & 23 FOR ARRANGEMENT OF EQUIPMENT AND TO AVOID INTERFERENCE AND MAINTAIN RECOMMENDED CLEARANCE. ALL FROM OF DRAWING SERIES EP301 AND FOLLOWING. PUMPS AS REQUIRED AS CLOSE AS POSSIBLE TO EQUIPMENT. AIR CLOSE AS FEASIBLE TO CONTROL PANEL AREA.



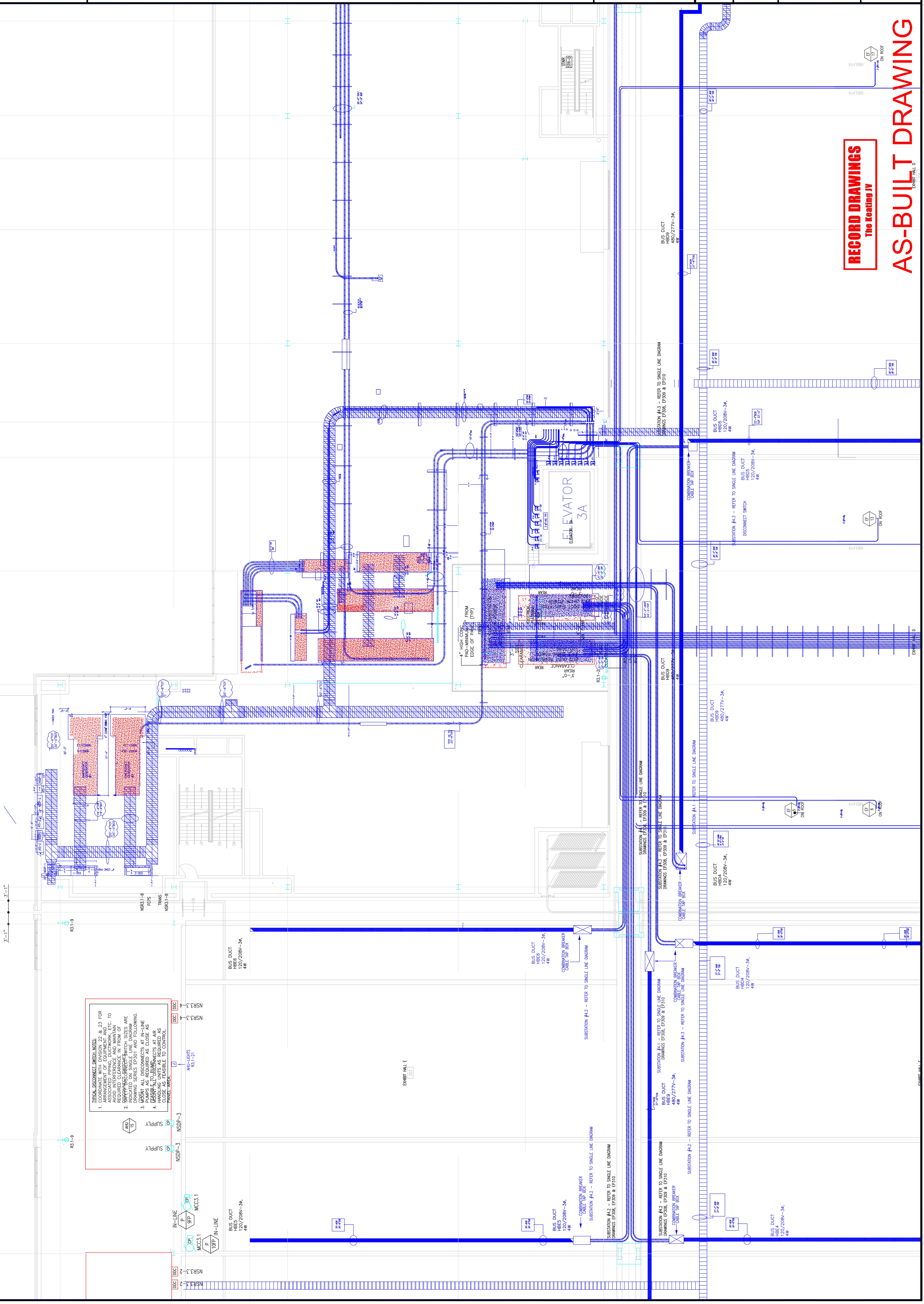
Revisions



Steel

Revisions

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TYPICAL DISCONNECT SWITCH UNITS:

1. COORDINATE WITH DIVISION 22 & 23 FOR THE LOCATION OF THE DISCONNECT SWITCHES TO AVOID INTERFERENCE AND MAINTAIN ASSOCIATED PIPING, DUCTWORK, ETC.
2. SWITCHES AND DISCONNECT SWITCH SIZES ARE INDICATED ON SINGLE LINE DIAGRAM.
3. LOCATE ALL DISCONNECTS AT IN-LINE PUMPS AS REQUIRED AS CLOSE AS FEASIBLE TO THE PUMPS.
4. DISCONNECTS AT AIR PANELS ARE TO BE LOCATED AS CLOSE AS FEASIBLE TO CONTROL.

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



170-A LORETTA AVE.
 Feasterville, PA. 19043
 215-252-2428 FAX
 E-Mail: gordongroup@electric.com

Job No: 100830
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_ML
 Date: DATE
 Plot Date:
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-4
 POWER PLAN
 MIDDLENORTH**

Sheet No.
EP243-GG

RECORD DRAWINGS
 The Keating IV

AS-BUILT DRAWING

DIBATTALO

**EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER**
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pottsville, PA 19663
610-583-2323 FAX
610-583-2328 FAX
E-Mail: gordongroup@electric.com

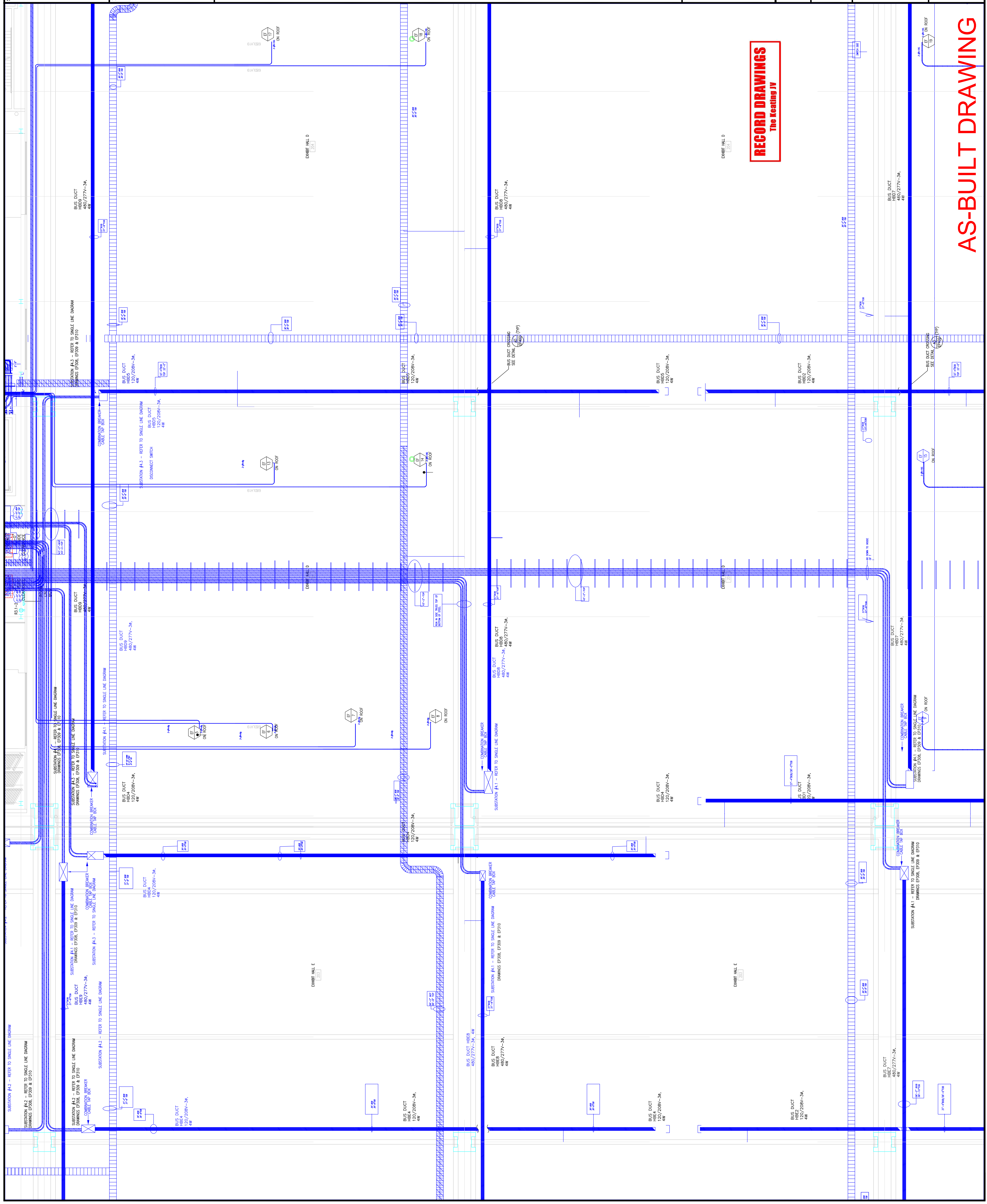
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Drawn By: DRAWN BY NISH
Checked By: CHECKED BY ML
Date: DATE
Scale:

Drawing Title:

Sheet No.

RECORD DRAWINGS
The Reating JV

AS-BUILT DRAWING



Revisions

No.	Description

Scale

Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
 Feasterville, PA. 19053
 215-252-2428 FAX
 E-Mail: gordongroup@electric.com

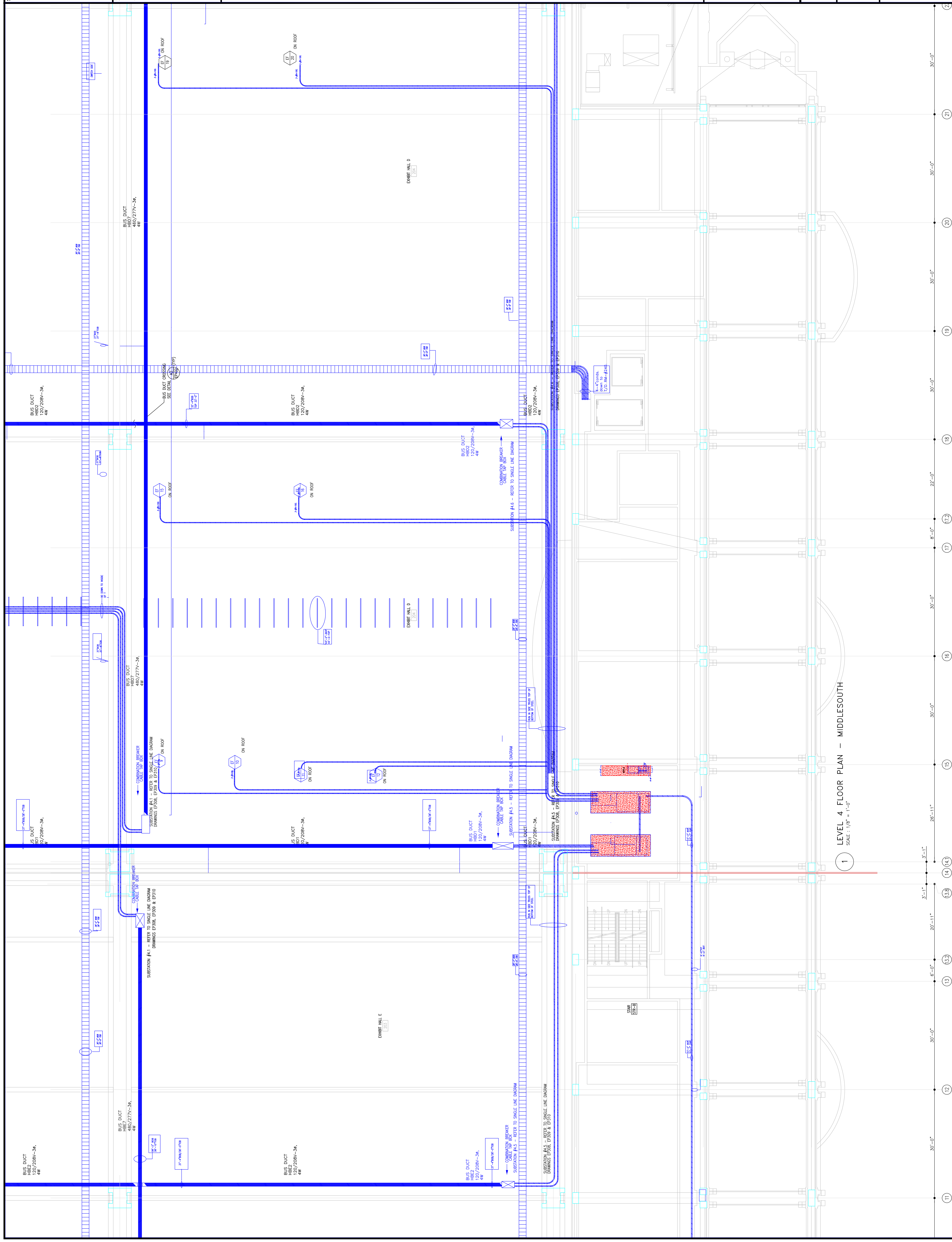
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 Scale: 1/8"=1'

Drawing Title:
**LEVEL-4
 POWER PLAN
 MIDDLESOUTH**

Sheet No.

EP245-GG

RECORD DRAWINGS
 The Leading IV



1 LEVEL 4 FLOOR PLAN - MIDDLESOUTH
 SCALE: 1/8" = 1'-0"

Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
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Job No: 1008-00
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_ML
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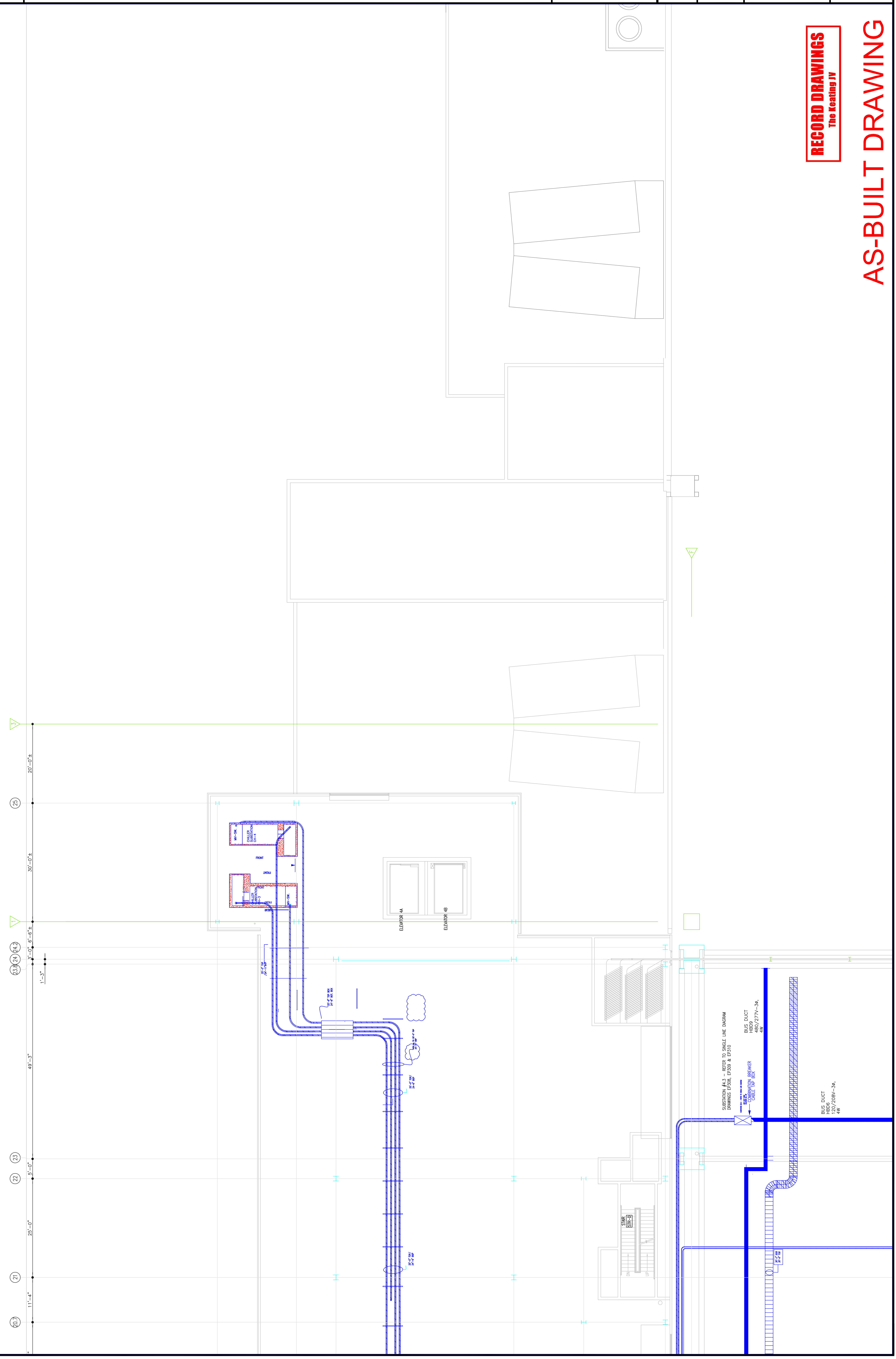
Drawing Title:
**LEVEL-4
 POWER PLAN
 NORTHEAST**

Sheet No.

EP246-GG

RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING



SUBSTATION #4.3 - REFER TO SINGLE LINE DIAGRAM
 DRAWINGS EP800, EP809 & EP810
 BUS DUCT
 480/277V-3P,
 4W
 BUS DUCT
 480/277V-3P,
 4W
 BUS DUCT
 120/208V-3P,
 4W

Steel

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1704-A LORETTA AVE.
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717-325-1212
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E-Mail: gordongroup@electric.com

Job No: 1008-00
Drawn By: DRANN, BY, NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date:
Scale: 1/8"=1'

Drawing Title:
**LEVEL-4
POWER PLAN
SOUTHEAST**

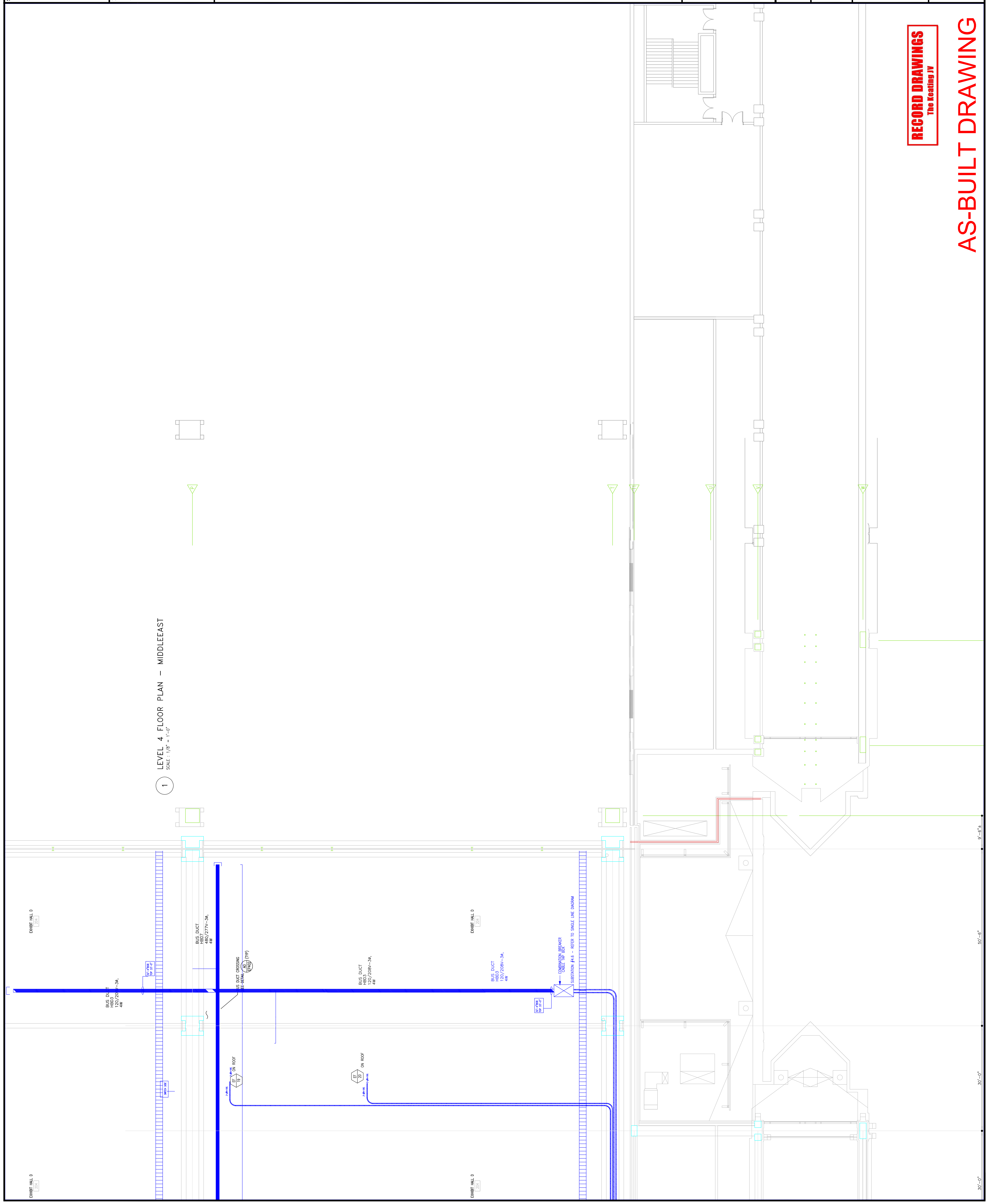
Sheet No.

EP248-GG

RECORD DRAWINGS
The Testing JV

AS-BUILT DRAWING

1 LEVEL 4 FLOOR PLAN - MIDDLE/LEAST
SCALE: 1/8" = 1'-0"



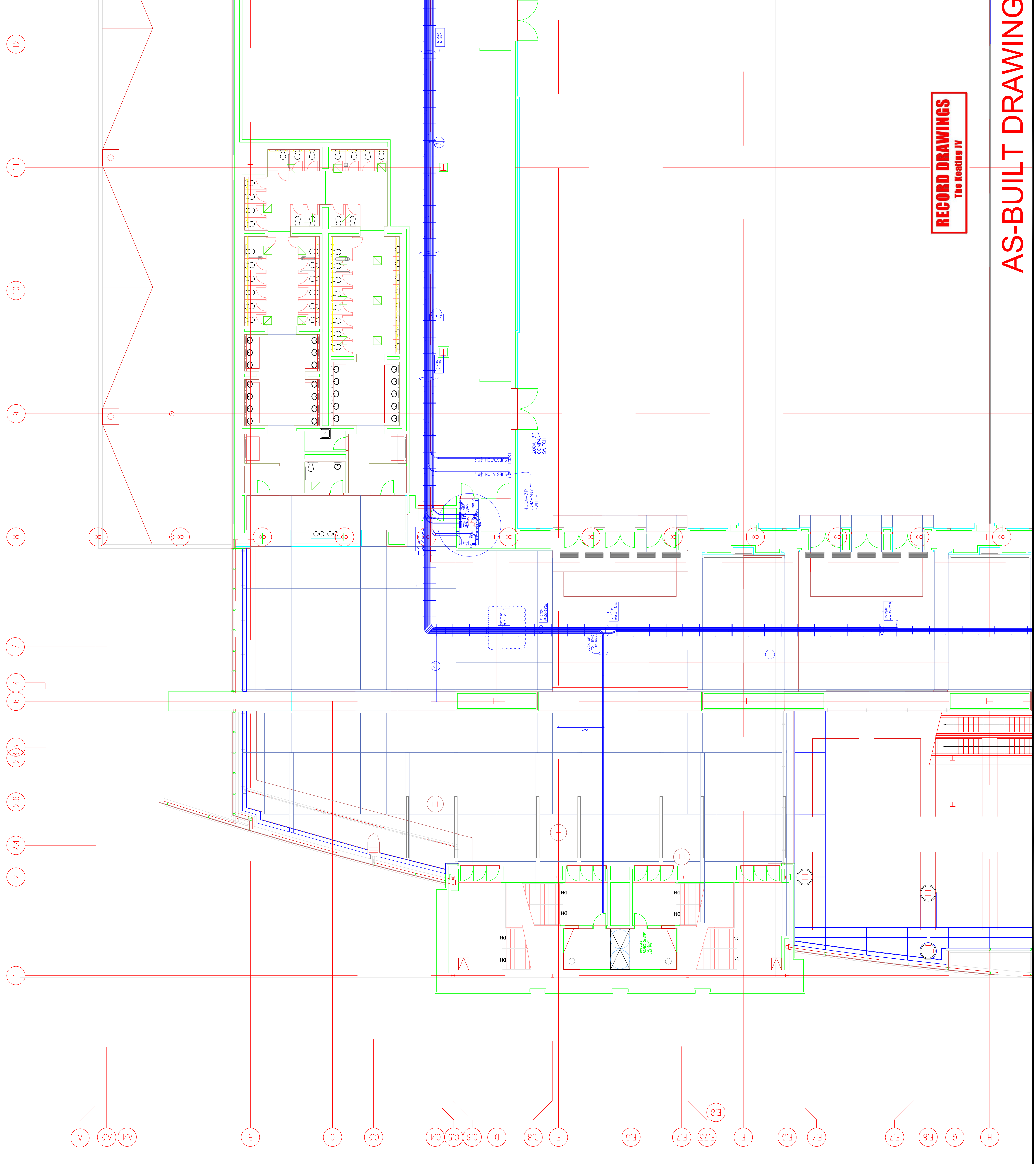
30'-0" 30'-0" 50'-0" 9'-0"±



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

Revisions

No.	Description
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RECORD DRAWINGS
The Loading IV

AS-BUILT DRAWING

Seal



1701-A LORETTA AVE.
FENESTRILLE, PA. 19053
215-975-2122 FAX
E-Mail: gordongroup@electric.com

Job No: 1008-00
Drawn By: DRAYN, BY, NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date:
Scale:

Drawing Title:
LEVEL-5
POWER PLAN
MIDDELWEST

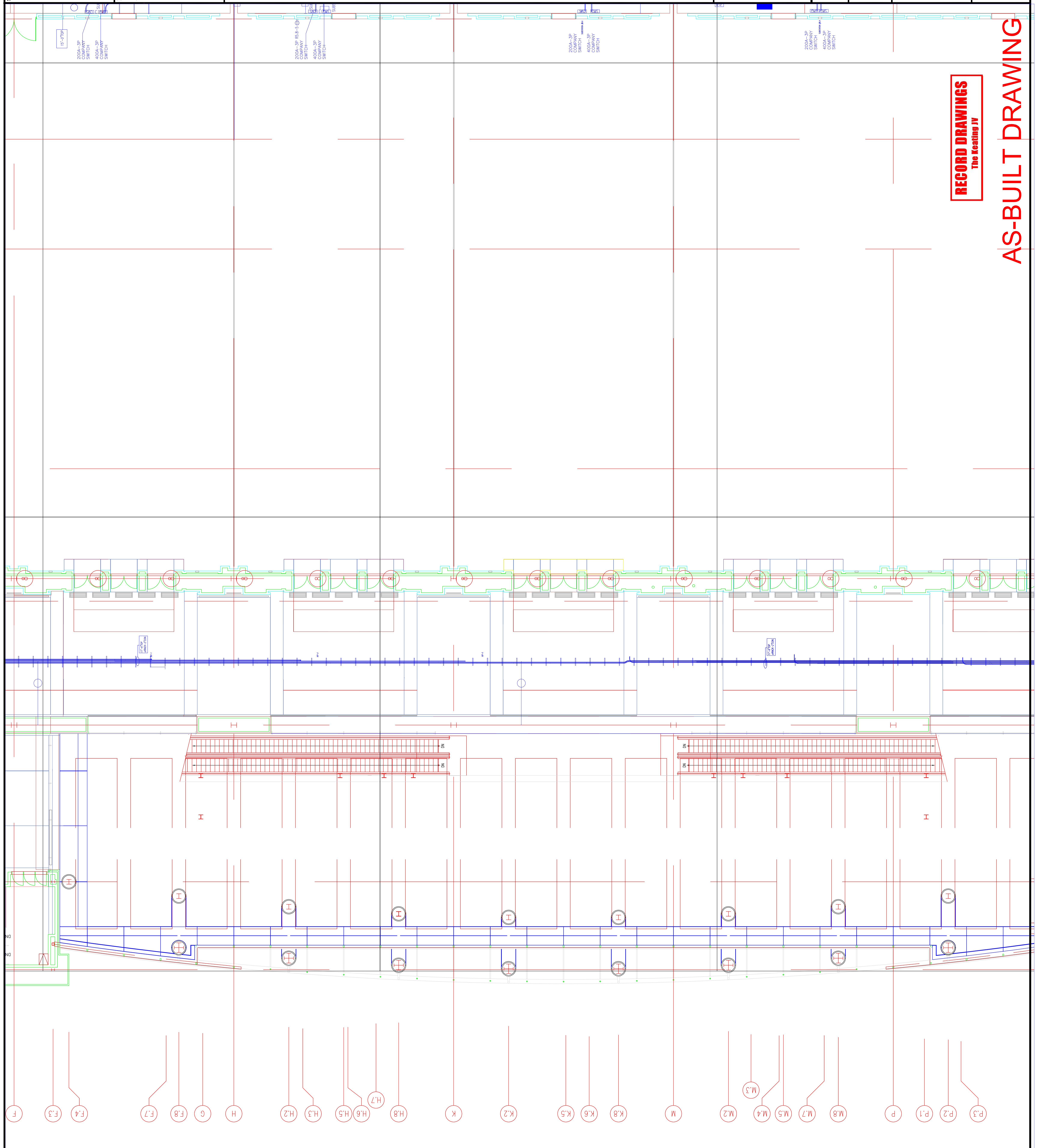
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EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

Revisions
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RECORD DRAWINGS
The Heating IV

AS-BUILT DRAWING



- F
- F.3
- F.4
- F.7
- F.8
- G
- H
- H.2
- H.3
- H.5
- H.6
- H.7
- H.8
- K
- K.2
- K.5
- K.6
- K.8
- M
- M.2
- M.3
- M.4
- M.5
- M.7
- M.8
- P
- P.1
- P.2
- P.3

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

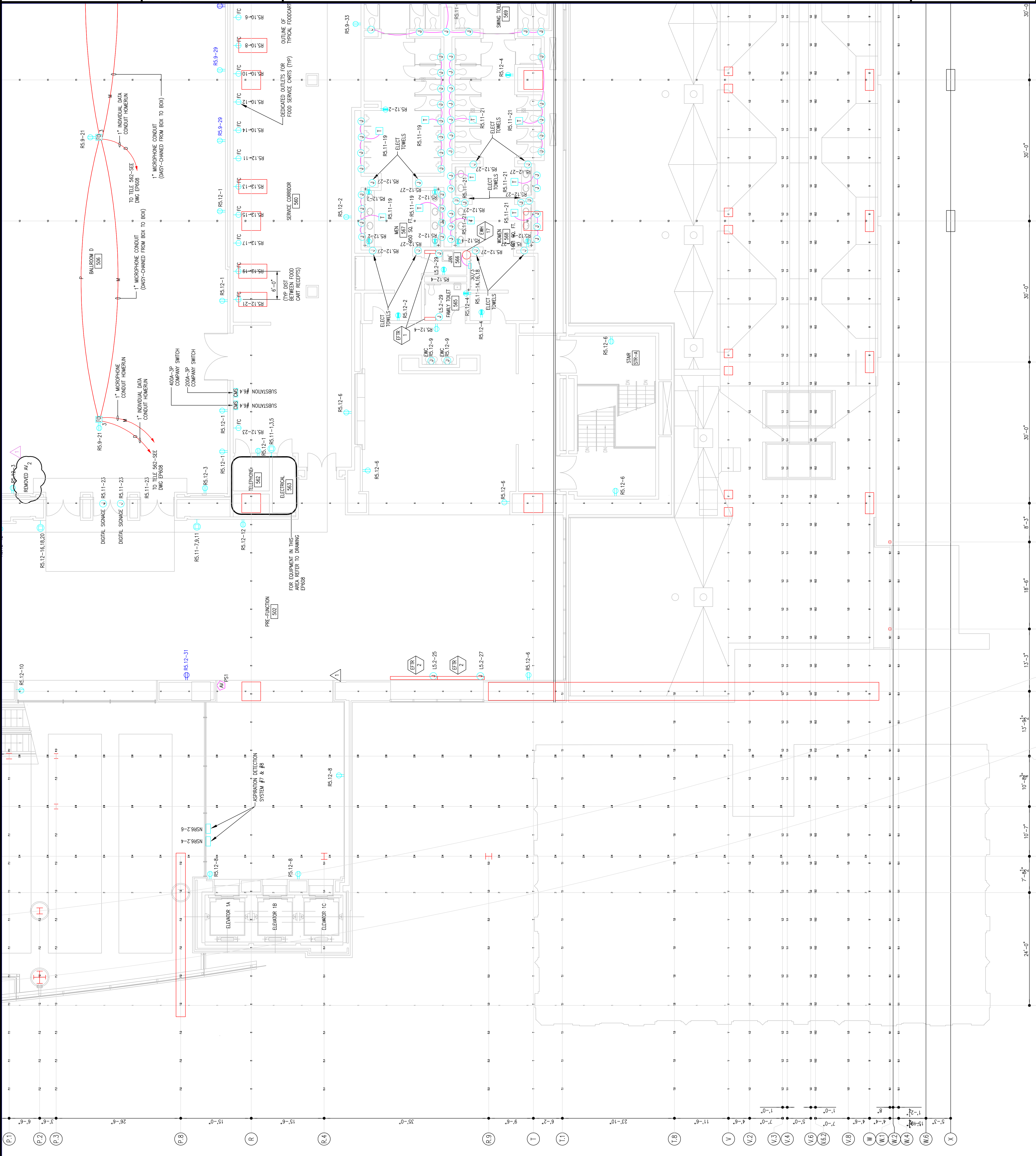


TRINA LORETTA ANE
Feasterville, PA, 19053
(215)953-1212
(215)822-9598 FAX
E-Mail: gordongroup@electric.com

Job No: _____
Drawn By: DRAWN_BY_NSH
Checked By: CHECKED_BY_ML
Plot Date: _____
Scale: _____

Drawing Title:
**LEVEL-5
POWER PLAN
SOUTHWEST**

Sheet No. _____
EP252-GG



Scale

Revisions

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING

Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

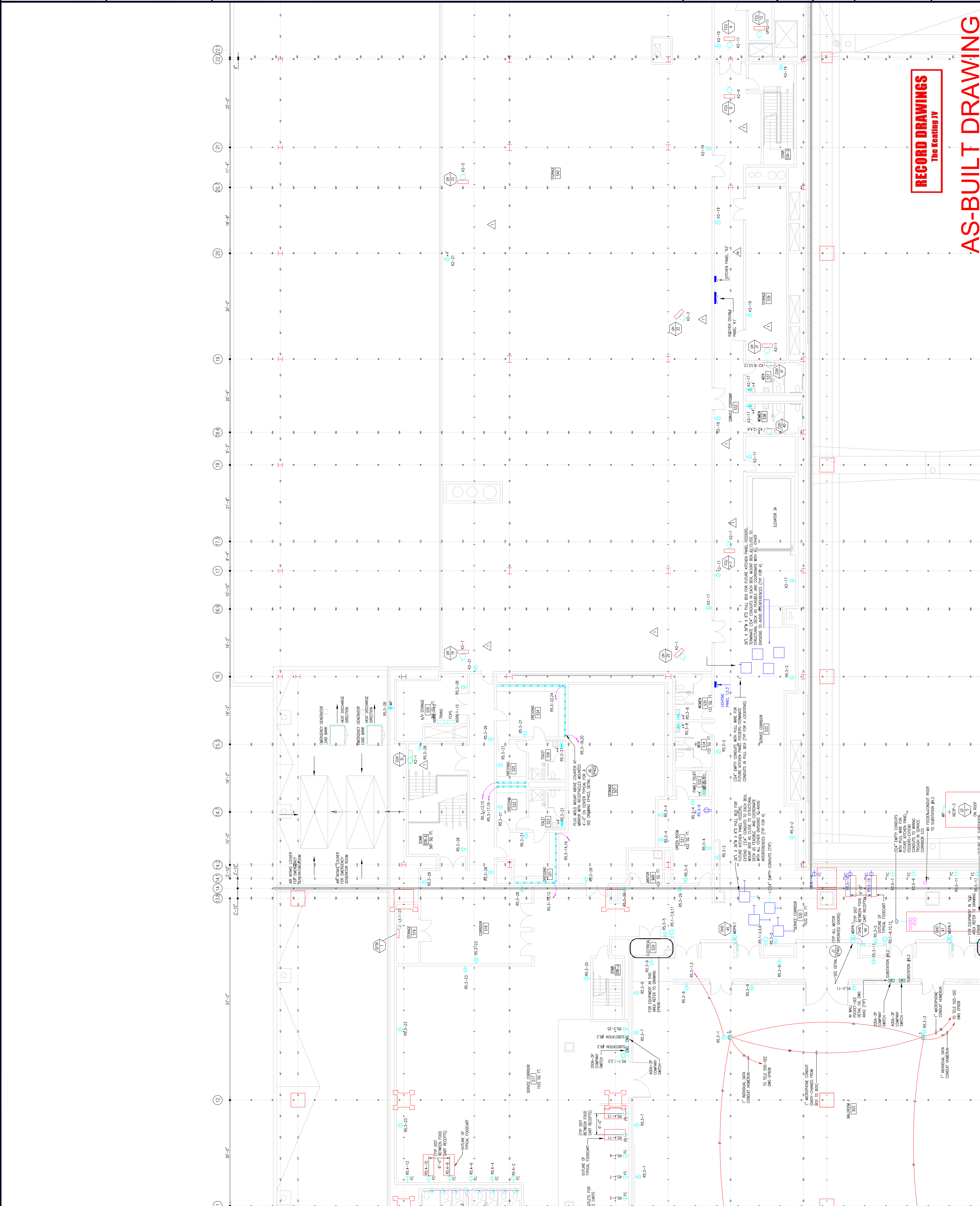


7701-A LORNETTA AVE.
 FEASTERSVILLE, PA. 19633
 (215)953-1212
 E-Mail: gordongroup@electric.com

Job No: JOE_NO
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_ML
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-5
 POWER PLAN
 MIDDLENORTH**

Sheet No.
EP253-GG



RECORD DRAWINGS
 The Keating IV

AS-BUILT DRAWING

Seal

Revisions

22 (22.1)

21

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17.3

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14

13.6

13.4

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12

11

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pottsville, PA 19663
TEL: 610-261-1234
215-973-2438 FAX
E-Mail: gordongroup@electric.com

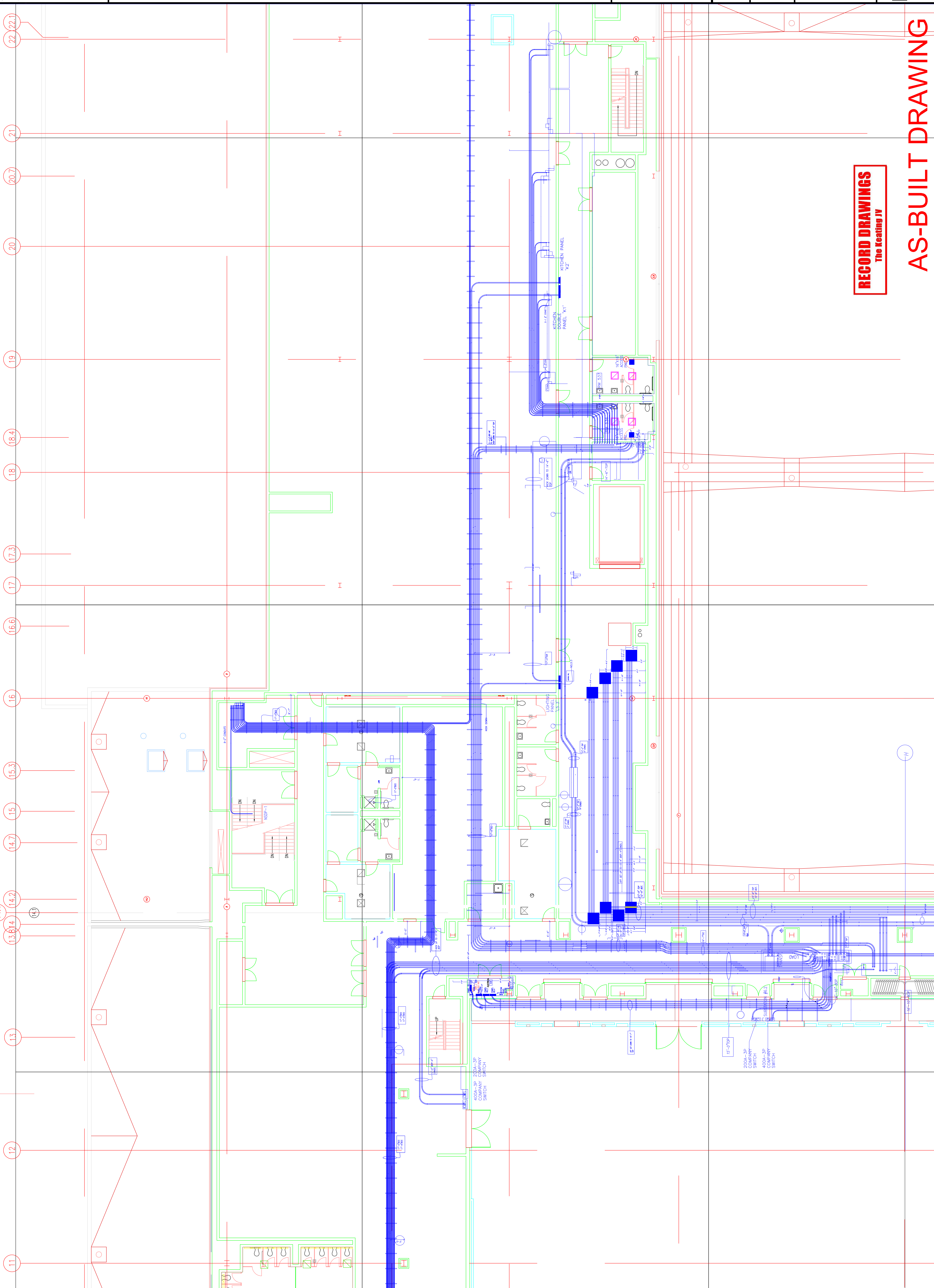
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Date: DATE
Plot Date:
Scale:

Drawing Title:
**LEVEL-5
POWER PLAN
MIDDLENORTH**

Sheet No.
EP253-GG
A

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING





1704-A LORETTA AVE.
Petersville, PA. 19063
717-525-2412
717-525-2412 FAX
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Job No: 108-09
Drawn By: DRANN, RY, NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date:
Scale:

Drawing Title:

LEVEL-5
POWER PLAN
MIDDLECENTRAL

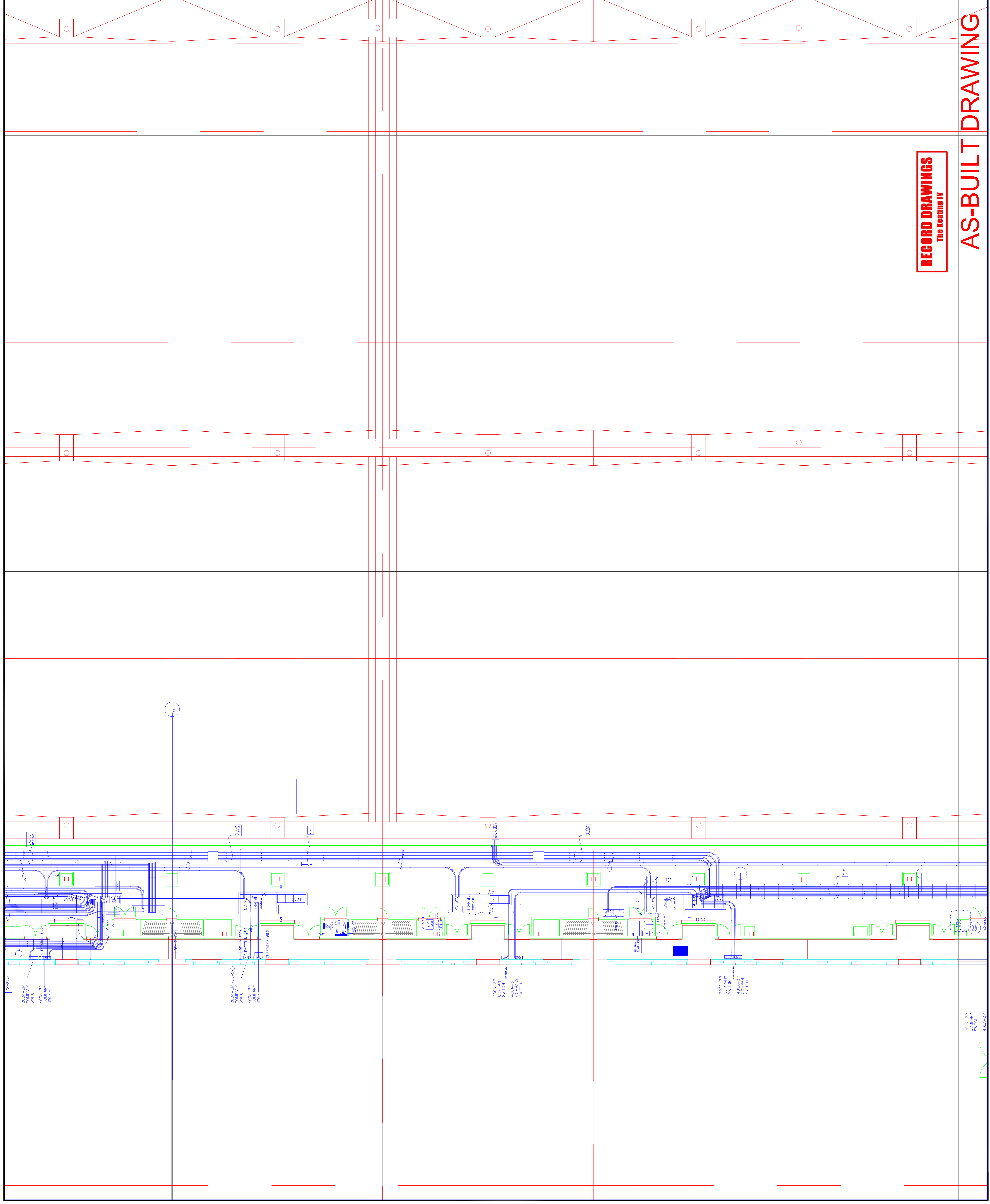
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EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107

Revisions

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING



Scale

Revisions

NO.	DESCRIPTION

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

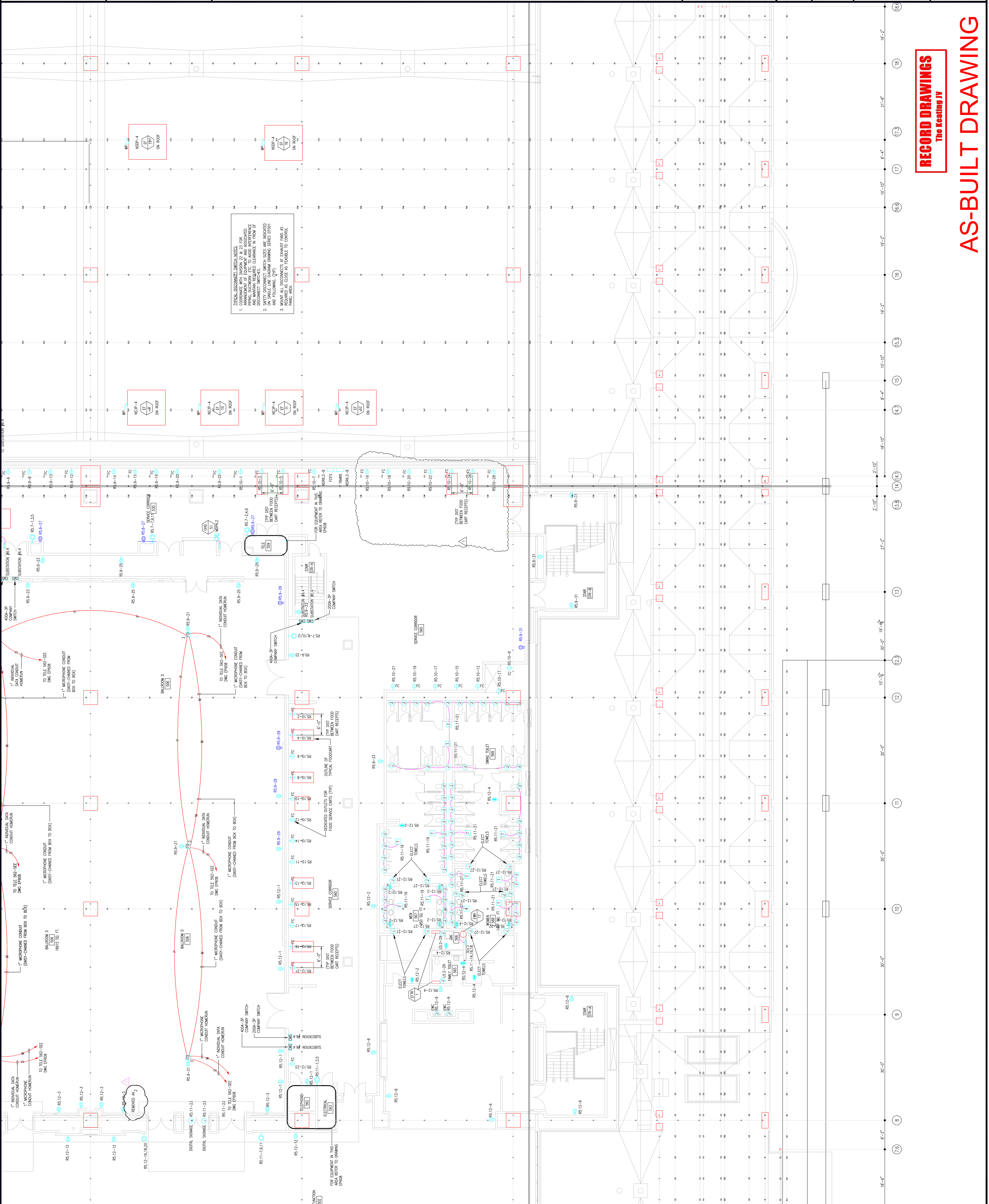


PHILIA CORNETTA, AVE.
 Feasterville, PA 19053
 (215)953-4212
 (215)322-9598 FAX
 E-Mail: gordongroup@electric.com

Job No: JOE_NO
 Drawn By: DRAWN_BY_NSH
 Checked By: CHECKED_BY_NML
 Plot Date: DATE
 Scale: SCALE

Drawing Title:
**LEVEL-5
 POWER PLAN
 MIDDLESOUTH**

Sheet No.
EP255-GG



RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

Seal

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET
 PHILADELPHIA, PENNSYLVANIA 19107

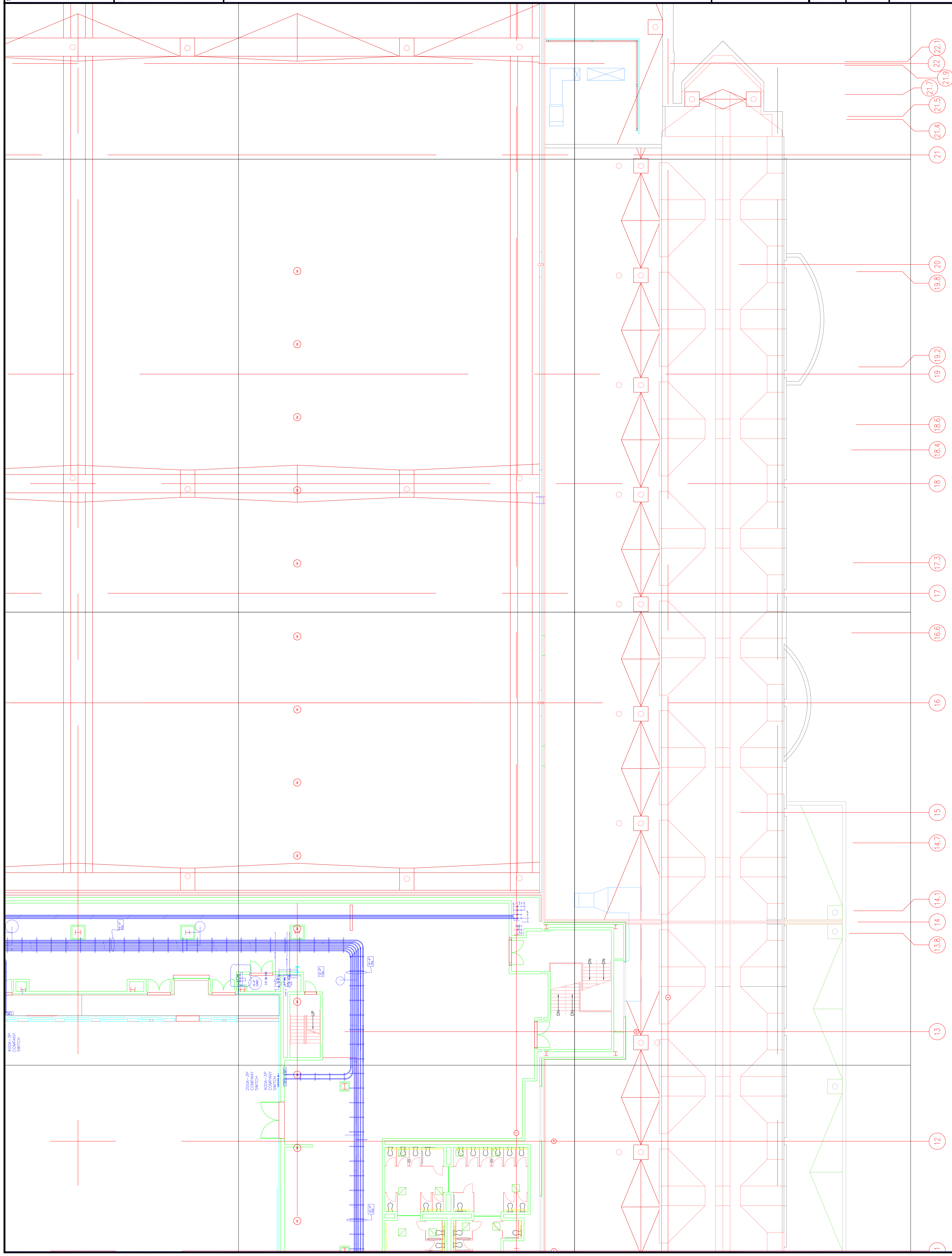


1700-A LORETTA AVE.
 Feasterville, PA. 19053
 215-925-2424 FAX
 E-Mail: gordongroup@electric.com

Job No. 1008-00
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_ML
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'
 Drawing Title:

**LEVEL-5
 POWER PLAN
 MIDDLESOUTH**

Sheet No. **EP255-GG**
A



RECORD DRAWINGS
 The Heating IV

AS-BUILT DRAWING

- 22.22.1
- 22.22.1
- 21.7
- 21.5
- 21.4
- 21
- 19.8 / 20
- 19.2
- 18.6
- 18.4
- 18
- 17.3
- 17
- 16.6
- 16
- 14.7
- 14.1
- 14
- 13.8
- 13
- 12

200A-1P
 COMPANY
 SWITCH

200A-1P
 COMPANY
 SWITCH

400A-1P
 SWITCH

400A-1P
 SWITCH

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400A-1P
 SWITCH

400A-1P
 SWITCH

400A-1P
 SWITCH

Scale

Revisions

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 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET
 PHILADELPHIA, PENNSYLVANIA 19107

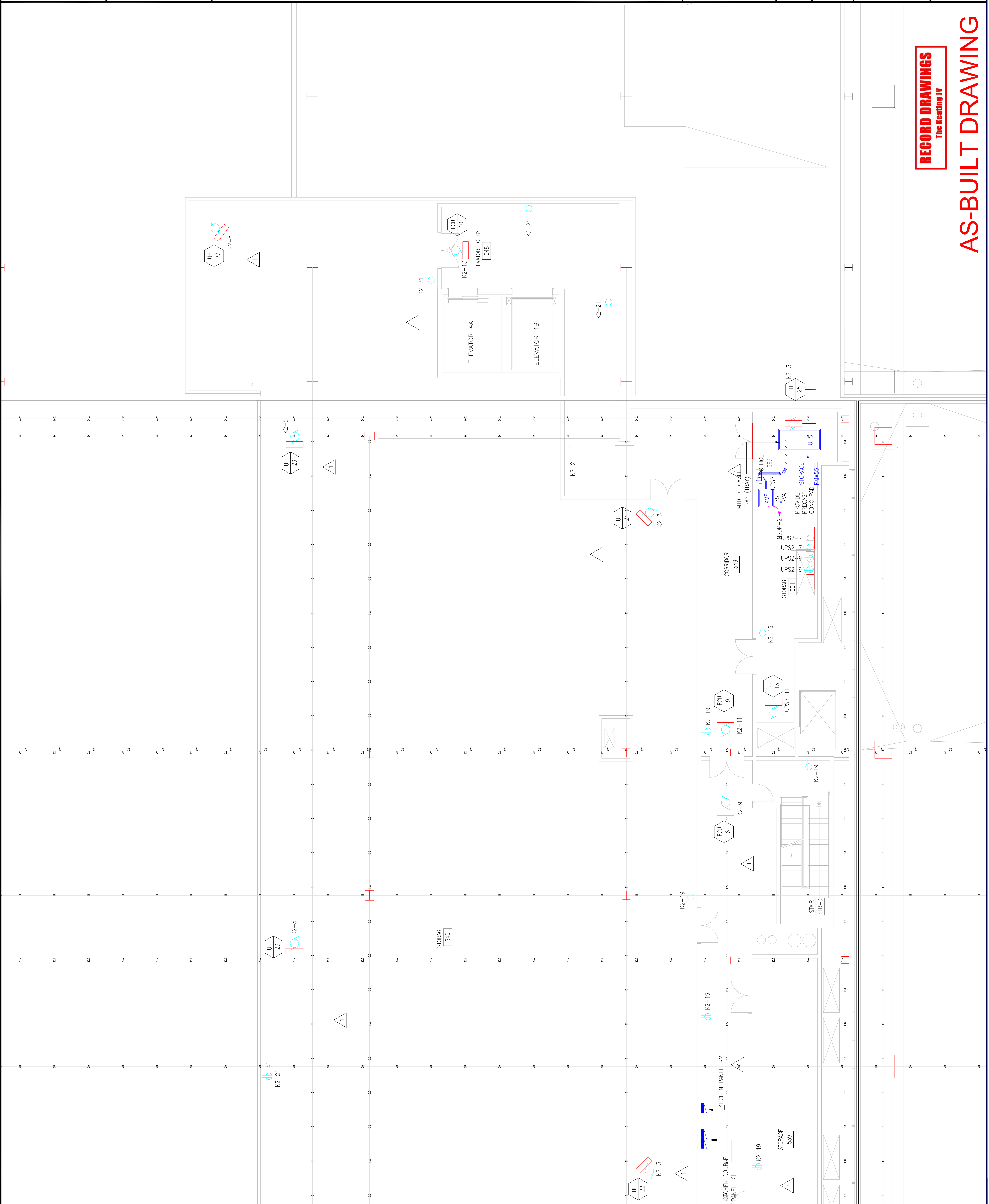


PHILIA LORETTA, ANE.
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 (215)953-4212
 (215)322-9598 FAX
 E-Mail: gordongroup@electric.com

Job No: JOE_NO
 Drawn By: DRAWN_BY_NSH
 Checked By: DATE
 Plot Date: SCALE
 Drawing Title:

LEVEL-5
 POWER PLAN
 NORTHEAST

Sheet No.
EP256-GG



RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



1704-A LORETTA AVE.
 Feasterville, PA. 19053
 215-385-1100
 215-385-2122 FAX
 E-Mail: gordongroup@electric.com

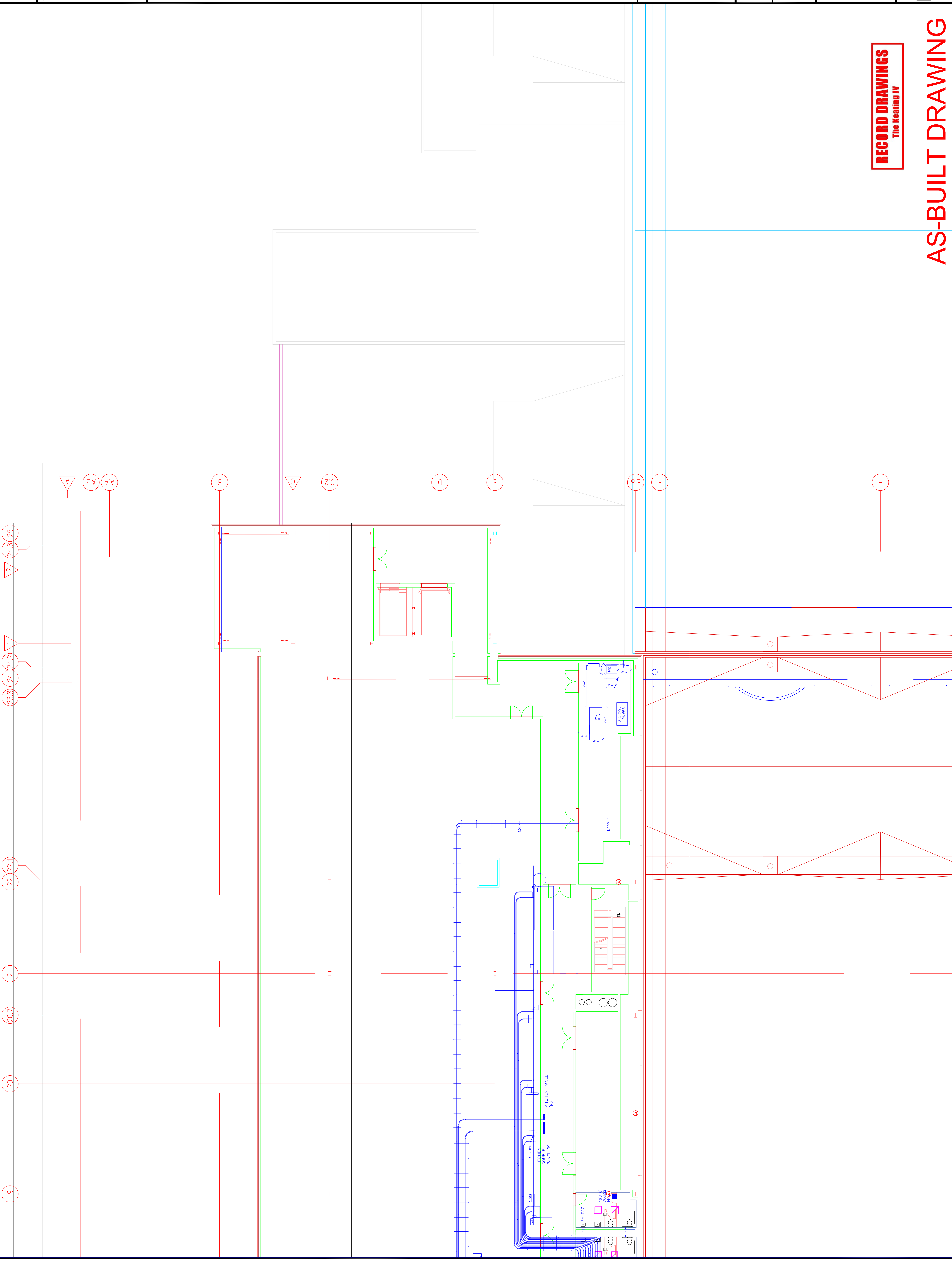
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 Drawing Title:

LEVEL-5
 POWER PLAN
 NORTHEAST

Sheet No.
EP256-GG
 A

RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING





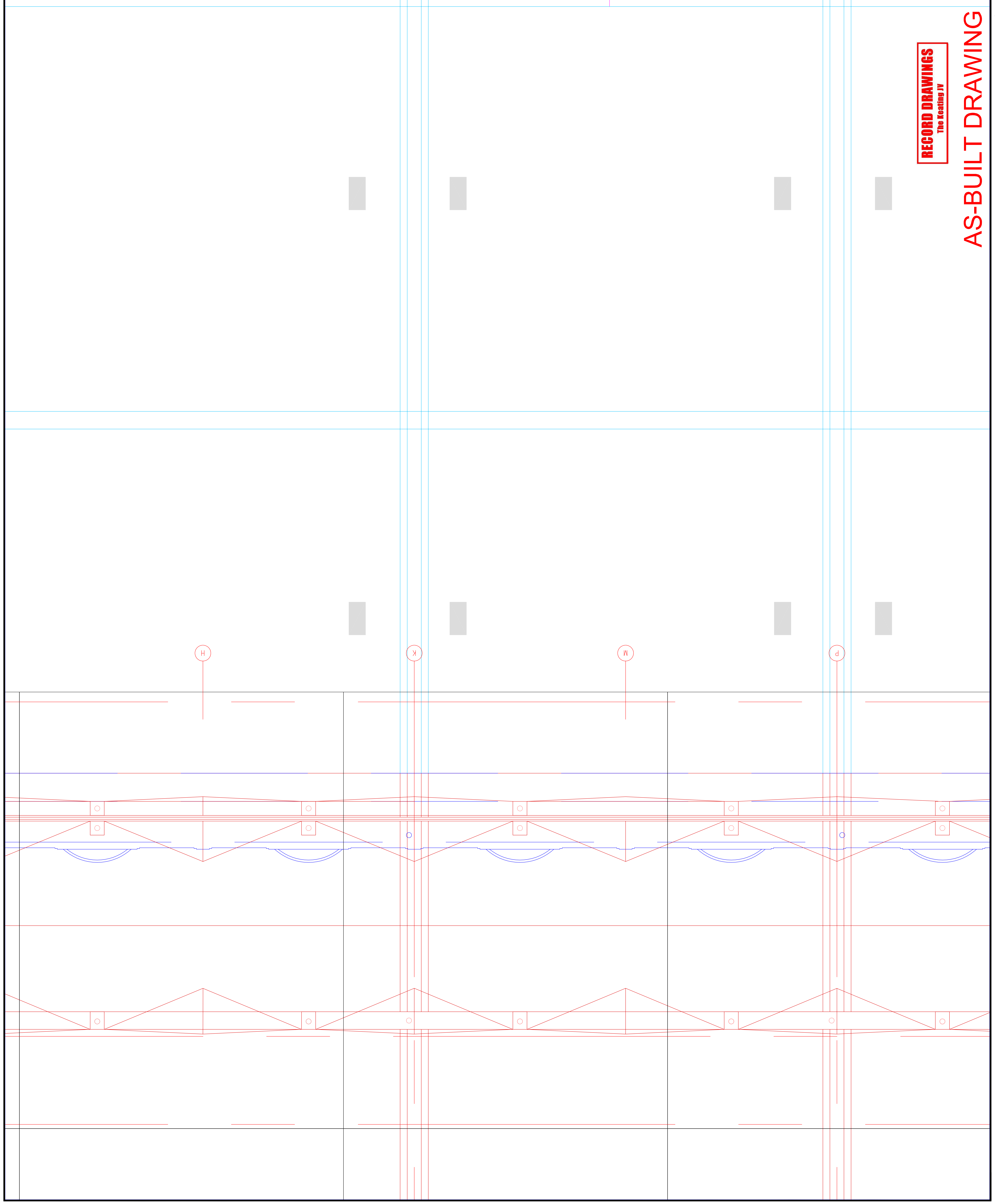
EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
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Revisions

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RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING



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Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
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PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107



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E-Mail: gordongroup@electric.com

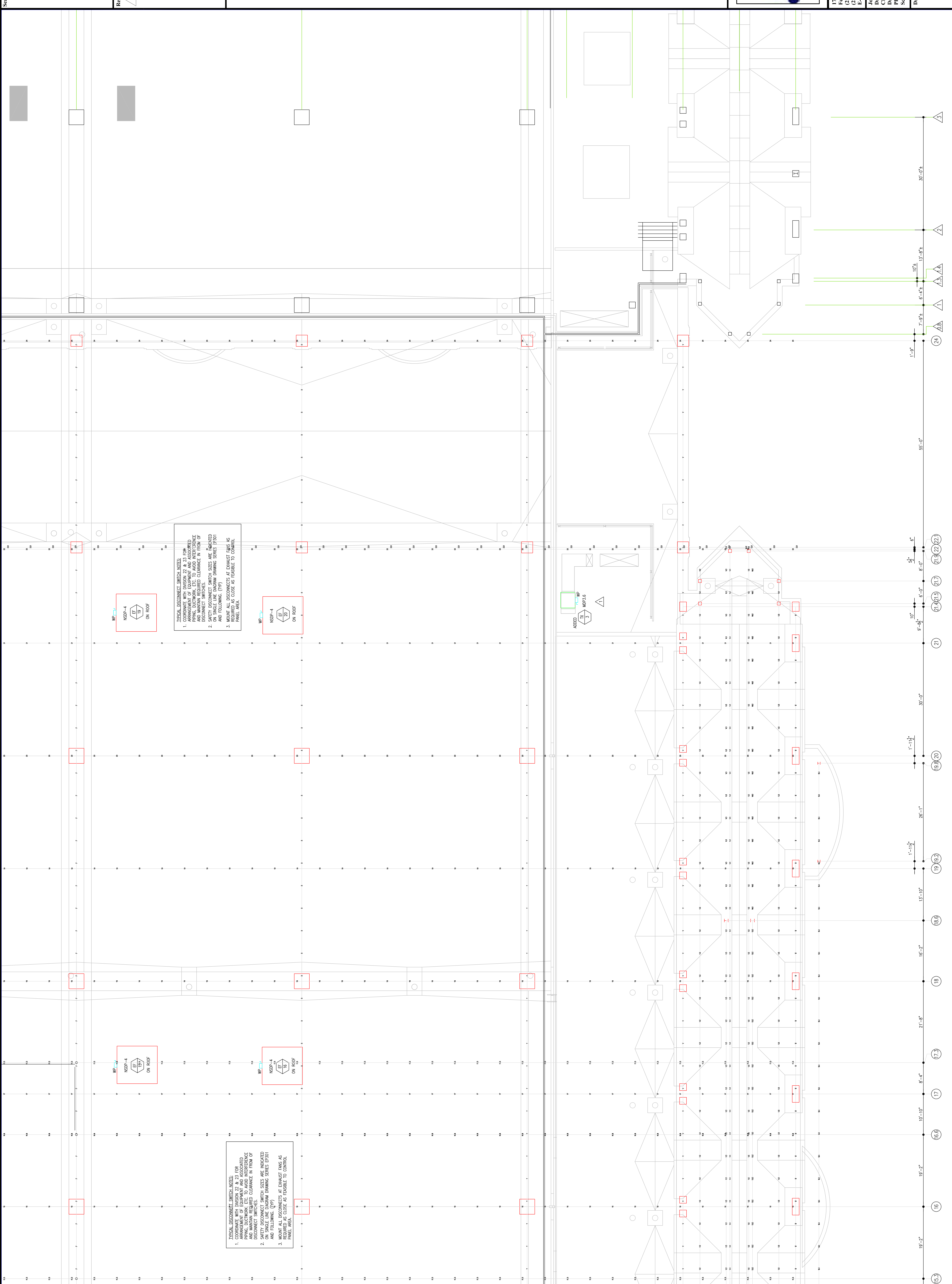
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Checked By: CHECKED_BY_ML
Plot Date: DATE
Scale: 1/8"=1'

Drawing Title:
LEVEL-5
POWER PLAN
SOUTHEAST

Sheet No.
EP258-GG

RECORD DRAWINGS
The Repeating IV

AS-BUILT DRAWING



WP-4
NSDP-4
ON ROOF

TERMINAL DISCONNECT SWITCH INDICES
1. COORDINATE WITH DIAGRAM 22 & 23 FOR PANEL ARRANGEMENT AND ASSOCIATED PIPING, DUCTWORK, ETC. TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FRONT OF DISCONNECT SWITCHES.
2. SAFETY DISCONNECT SWITCH SIZES ARE INDICATED ON SINGLE LINE DIAGRAM DRAWING SERIES EP201 AND FOLLOWING. (TYP)
3. MOUNT ALL DISCONNECTS AT EXHAUST FANS AS REQUIRED AS CLOSE AS FEASIBLE TO CONTROL PANEL AREA.

WP-4
NSDP-4
ON ROOF

WP-4
NSDP-4
ON ROOF

TERMINAL DISCONNECT SWITCH INDICES
1. COORDINATE WITH DIAGRAM 22 & 23 FOR PANEL ARRANGEMENT AND ASSOCIATED PIPING, DUCTWORK, ETC. TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FRONT OF DISCONNECT SWITCHES.
2. SAFETY DISCONNECT SWITCH SIZES ARE INDICATED ON SINGLE LINE DIAGRAM DRAWING SERIES EP201 AND FOLLOWING. (TYP)
3. MOUNT ALL DISCONNECTS AT EXHAUST FANS AS REQUIRED AS CLOSE AS FEASIBLE TO CONTROL PANEL AREA.

19'-2" (16) 19'-2" (16.6) 10'-10" (17) 8'-4" (17.3) 21'-8" (18) 16'-2" (16.6) 13'-10" (16.2) 1'-11 1/2" (19.8) 26'-1" (19.8) 1'-11 1/2" (19.8) 30'-0" (21) 9'-0" (21.3) 6'-0" (21.9) 8'-0" (21.9) 5'-0" (21.9) 22'-0" (22.1) 6" (21.9) 95'-0" (21.9) 1'-0" (21.9) 7'-0" (21.9) 6'-4 1/2" (21.9) 13'-8 1/2" (21.9) 30'-0" (21.9)

Seal

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
 Feasterville, PA. 19053
 215-932-2100
 215-932-2102 FAX
 E-Mail: gordongroup@electric.com

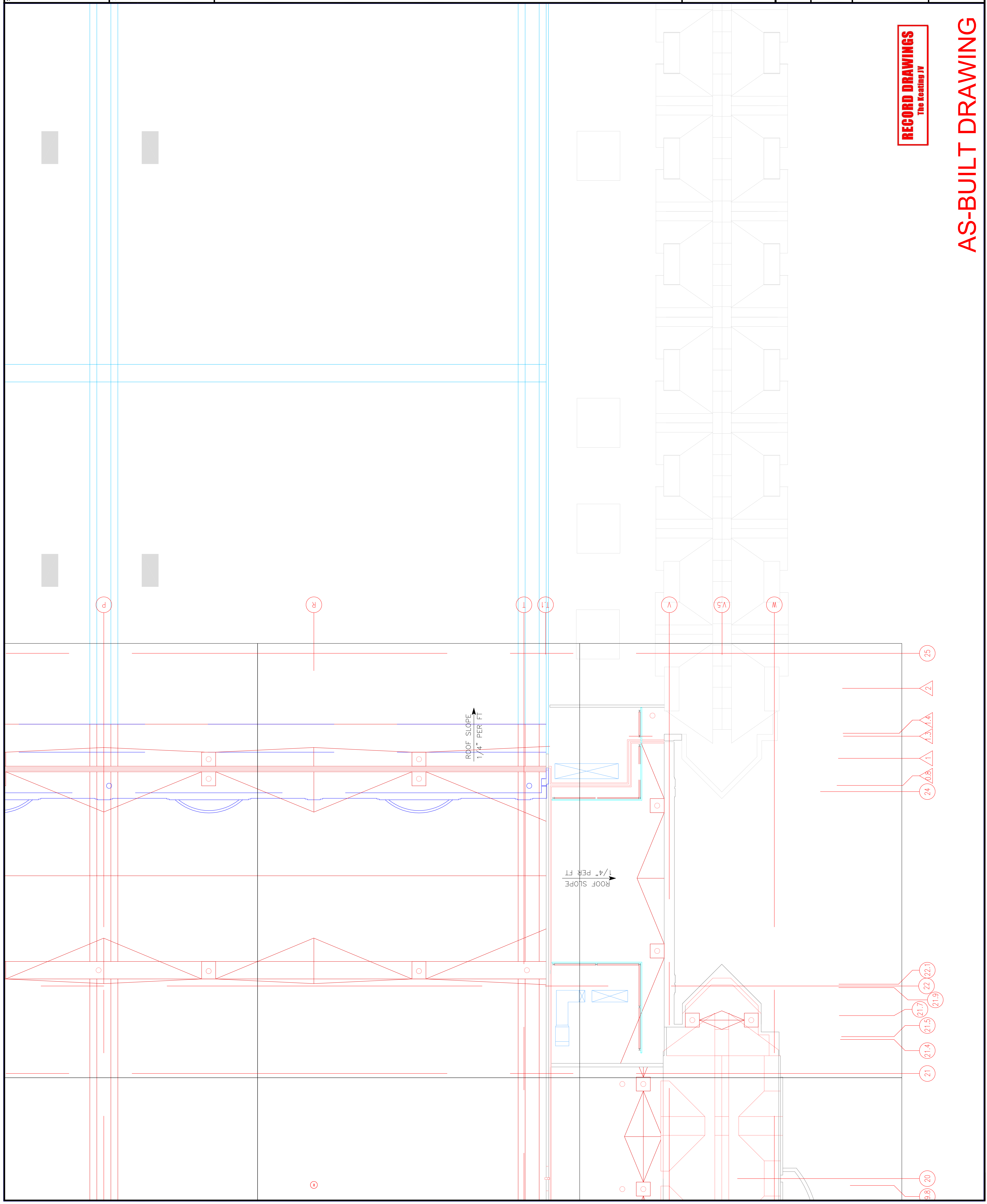
Job No: 1008-00
 Drawn By: DRANN, BY, NISH
 Checked By: CHECKED_BY_ML
 Date: DATE
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 Scale: 1/8"=1'-0"

Drawing Title:
**LEVEL-5
 POWER PLAN
 SOUTHEAST**

Sheet No.
EP258-GG
 A

RECORD DRAWINGS
 The Sealing JV

AS-BUILT DRAWING



Steel

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
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 PHILADELPHIA, PENNSYLVANIA 19107



1704-A LORETTA AVE.
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 215-252-1212 FAX
 E-Mail: gordongroup@electric.com

Job No: 1008-00
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 Checked By: CHECKED_BY_ML
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:

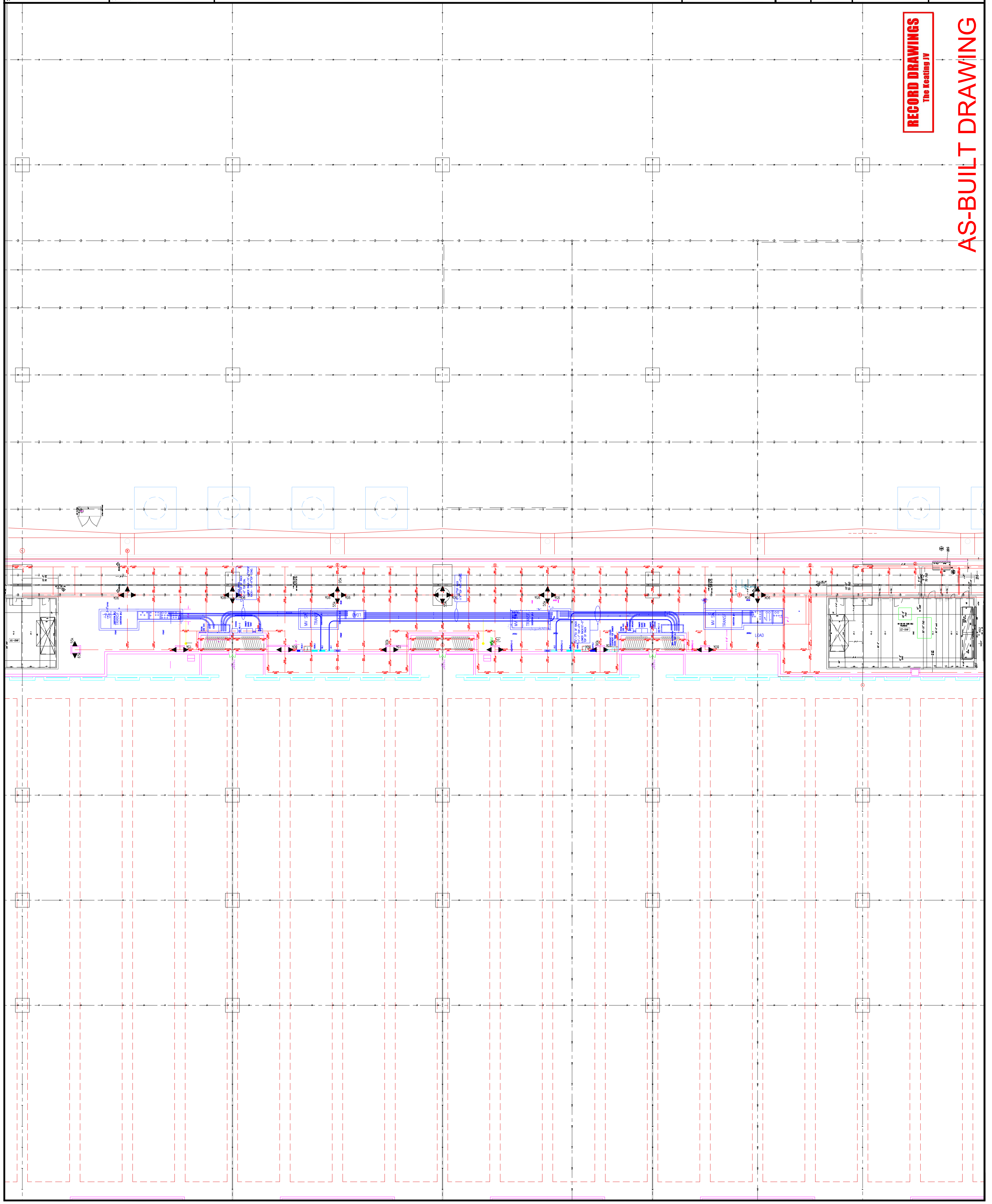
**PARTIAL
 FLOOR PLANS
 LEVEL 6**

Sheet No.

EP609-GG

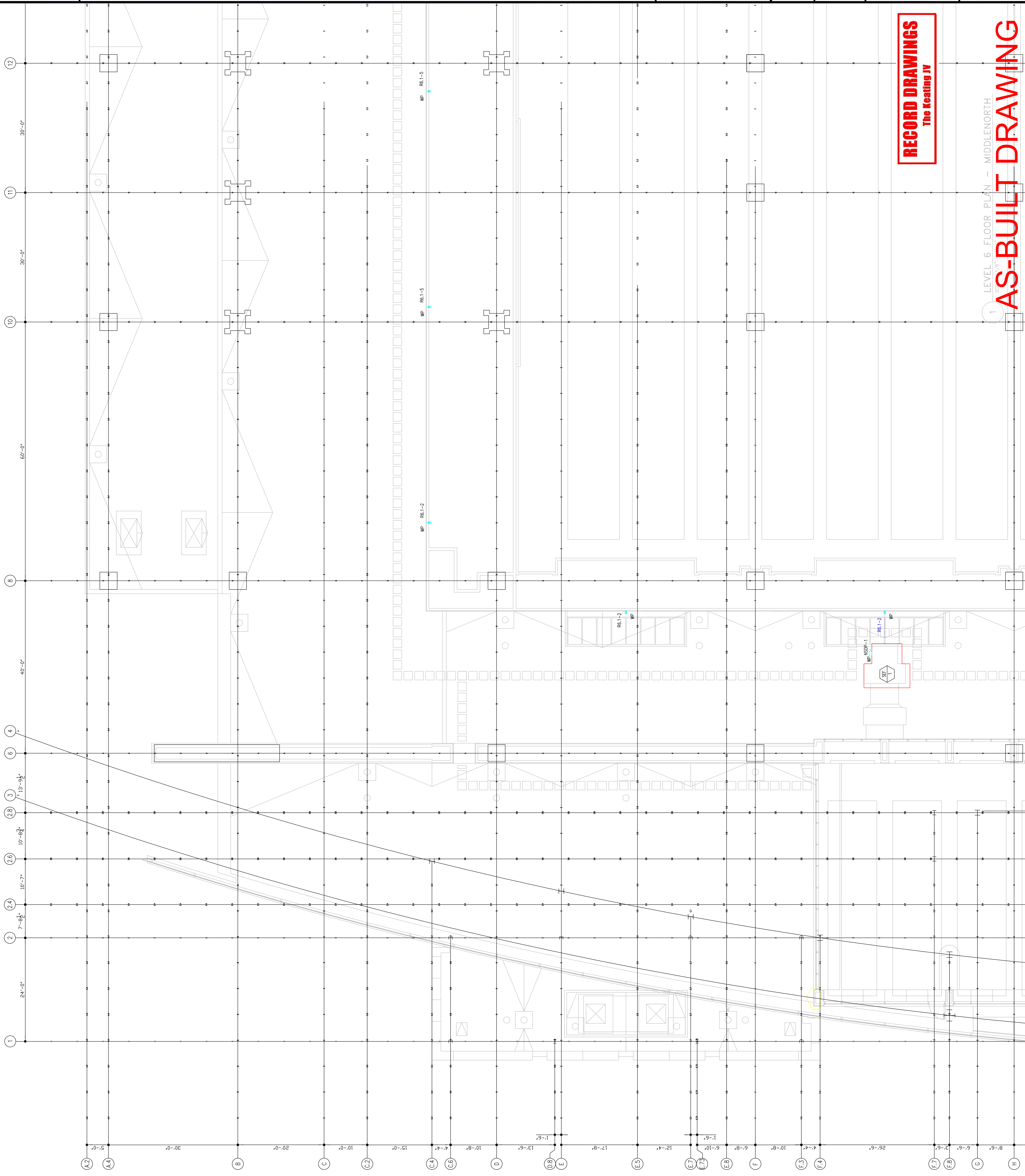
RECORD DRAWINGS
 The Repeating IV

AS-BUILT DRAWING



Scale

Revisions



EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
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 PHILADELPHIA, PENNSYLVANIA 19107



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Job No: JOR_NO
 Drawn By: DRAWN_BY_NSH
 Checked By: CHECKED_BY_ML
 Plot Date: DATE
 Scale: 1/8"=1'
 Drawing Title:

RECORD DRAWINGS
 The Keating JV

**LEVEL-6
 POWER PLAN
 NORTHWEST**

Sheet No.
EP260-GG

1 LEVEL 6 FLOOR PLAN - MIDDLENORTH
AS-BUILT DRAWING

Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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 1101 ARCH STREET
 PHILADELPHIA, PENNSYLVANIA 19107

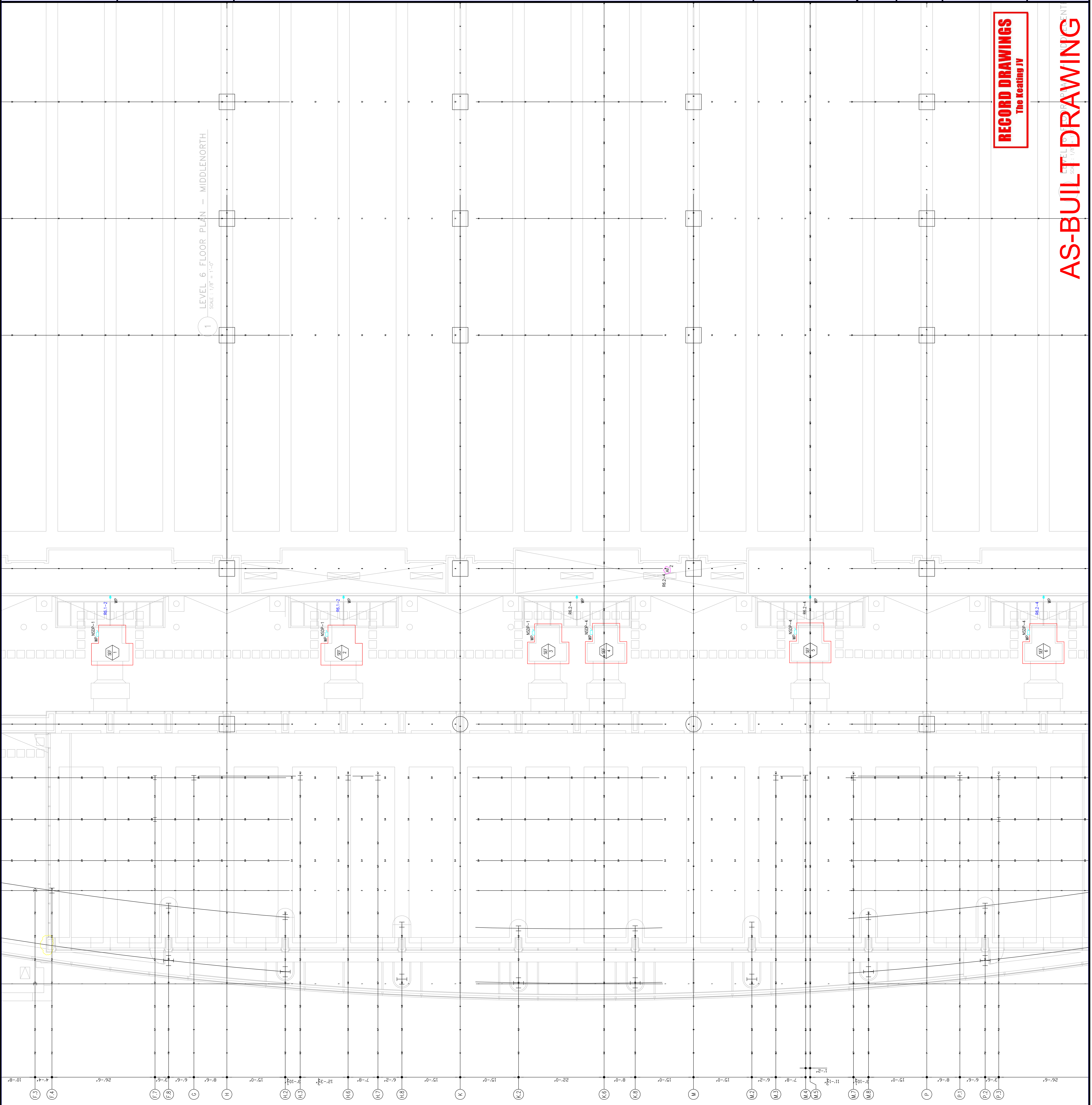


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Job No: JORR_NO
 Drawn By: DRAWN_BY_NSH
 Checked By: CHECKED_BY_MIL
 Date: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL-6
 POWER PLAN
 MIDDLEMIST**

Sheet No.
EP261-GG

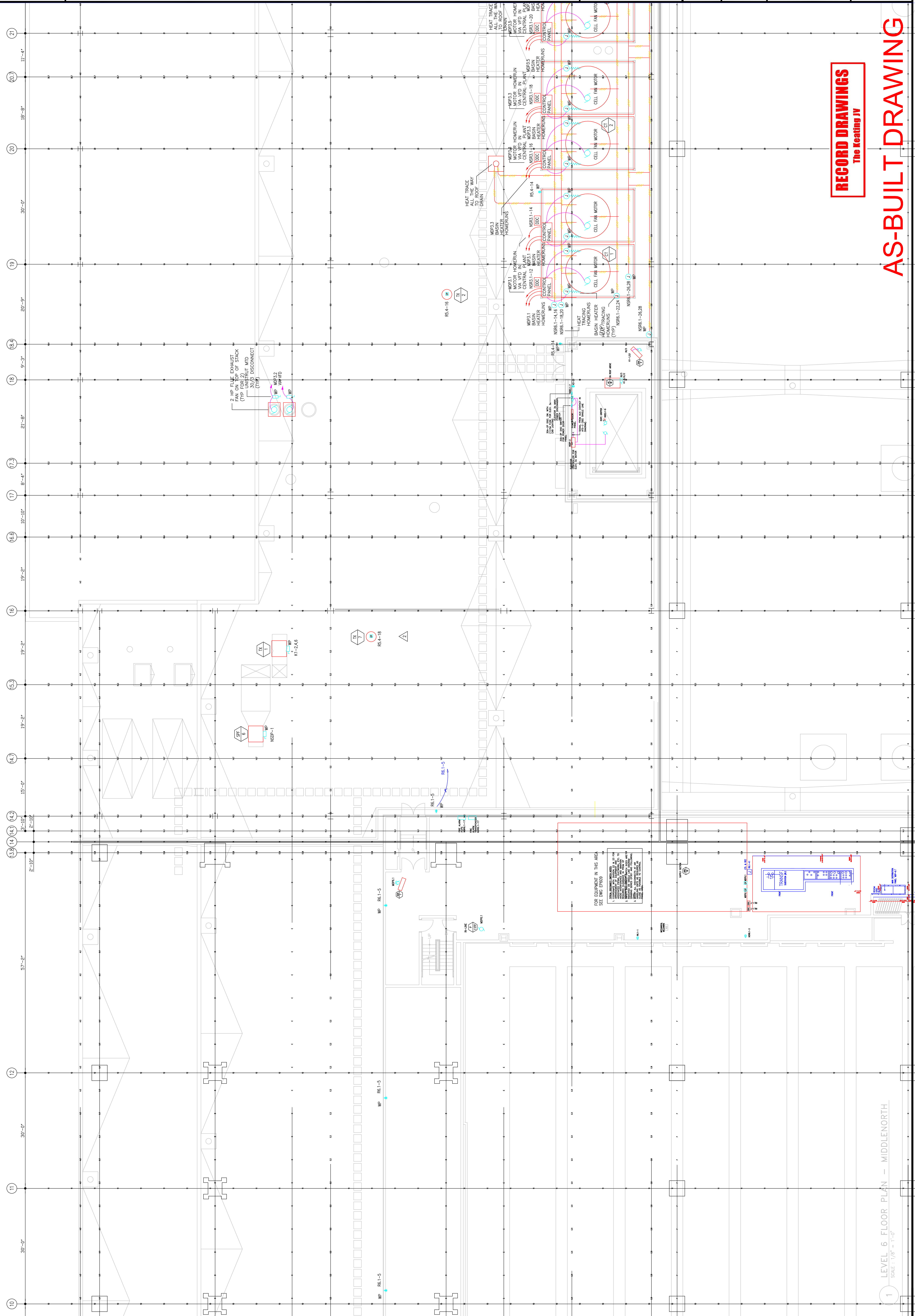


RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

Scale

Revisions



**EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER**
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



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Job No: J08_NO
Drawn By: DRAWN_BY_NSH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date:
Scale: 1/8"=1'

Drawing Title:
**LEVEL-6
POWER PLAN
MIDDLENORTH**

Sheet No.
EP263-GG

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING

FOR EQUIPMENT IN THIS AREA
SEE RMP EPH09

Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER PLACE
 ONE PENNSYLVANIA CONVENTION CENTER AUTHORITY
 PHILADELPHIA, PENNSYLVANIA 19107

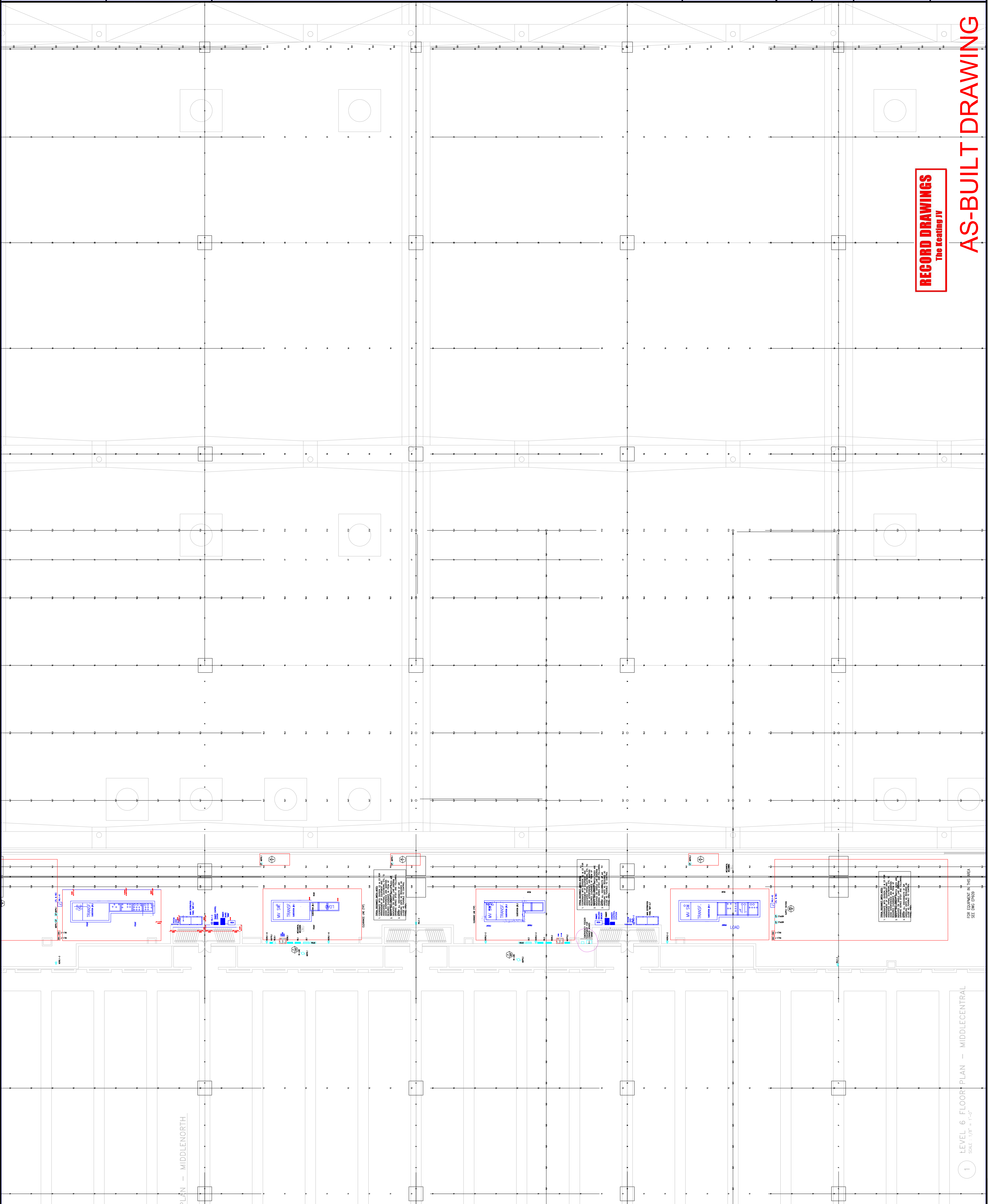


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Job No: JOE_NO
 Drawn By: DRAWN_BY_NSH
 Checked By: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
 LEVEL-6
 POWER PLAN
 MIDDLECENTRAL

Sheet No.
 EP264-GG



RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

PLAN - MIDDLENORTH

1 LEVEL 6 FLOOR PLAN - MIDDLECENTRAL
 SCALE: 1/8" = 1'-0"

FOR EQUIPMENT IN THIS AREA
 SEE DWG EP203

Scale

Revisions

No.	Description

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107

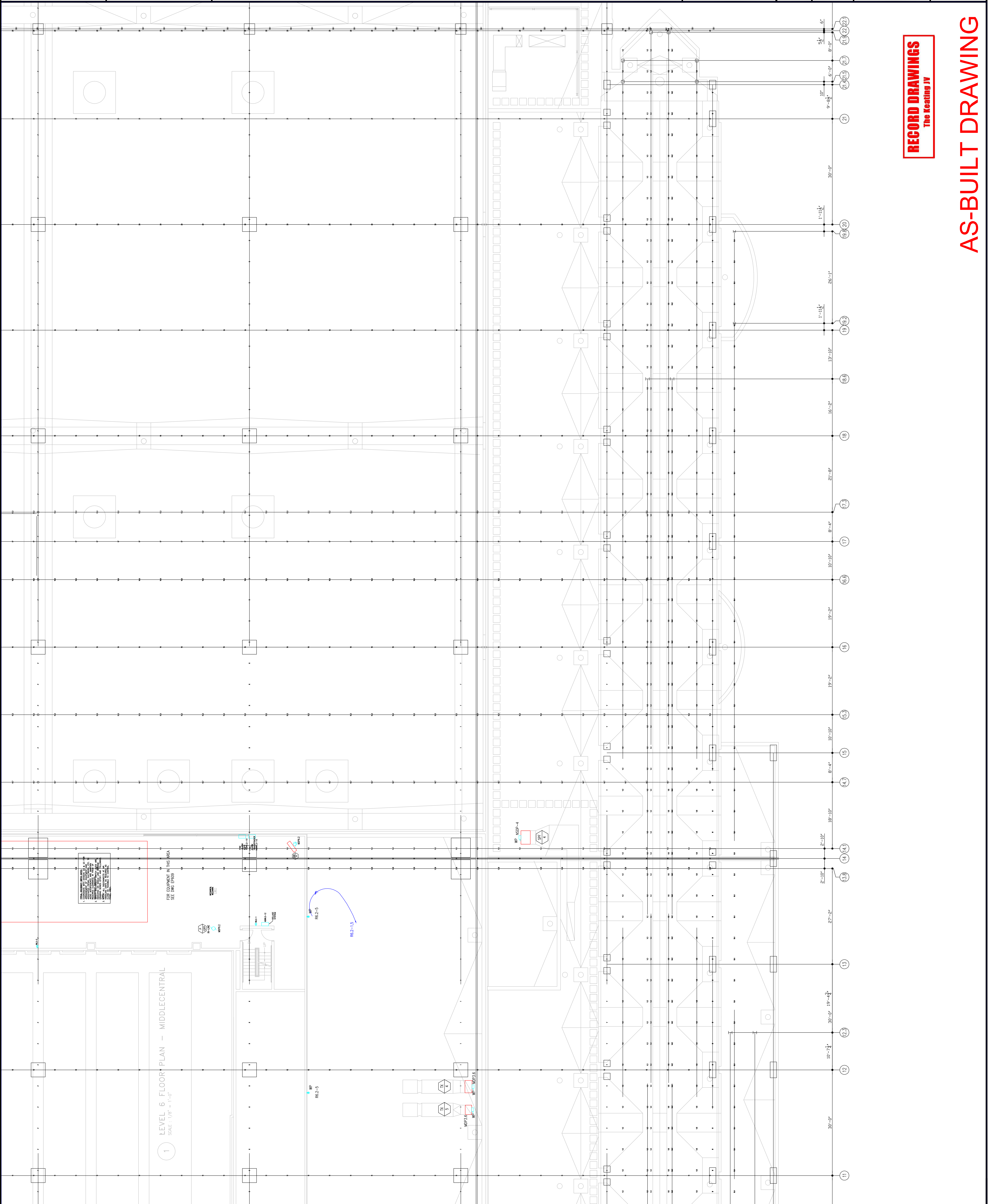


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Job No: JOE_NO
Drawn By: DRAWN_BY_NSH
Checked By: CHECKED_BY_ML
Plot Date: DATE
Scale:

Drawing Title:
**LEVEL-6
POWER PLAN
MIDDLESOUTH**

Sheet No.
EP265-GG



RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING

Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

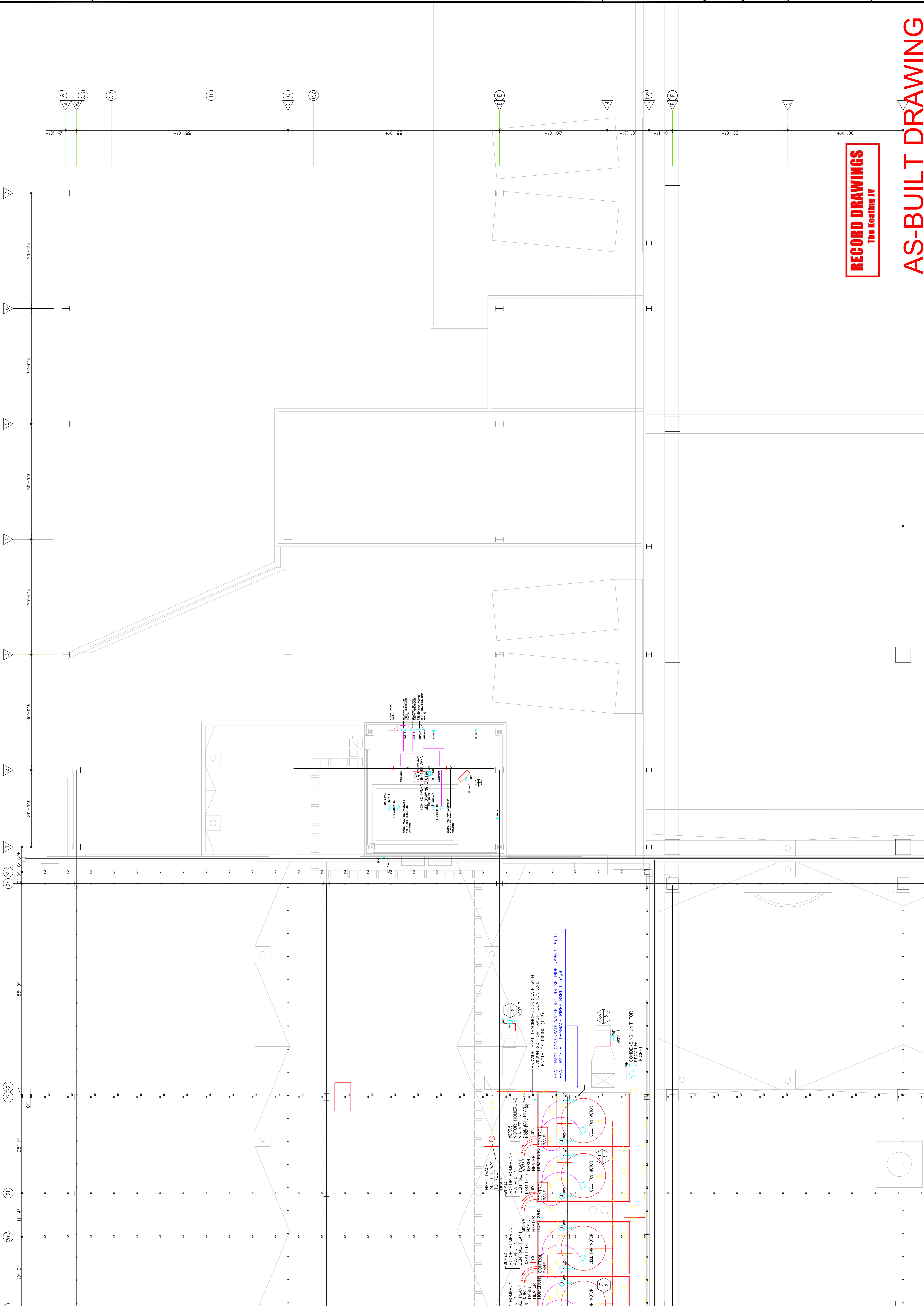


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Job No: JOE_NO
 Drawn By: DRGAWN_BY_NSH
 Checked By: GATC
 Plot Date: DATE
 Scale:

Drawing Title:
**LEVEL-6
 POWER PLAN
 NORTHEAST**

Sheet No.
EP266-GG



RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

RECORD DRAWINGS
The Keating JV

LEVEL-7
POWER PLAN
MIDDLE NORTH

Drawing Title:

Job No: J08L_NO
Drawn By: DRAWN_BY_MSH
Checked By: CHECKED_BY_MIL
Plot Date: DATE
Scale:

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EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER PLACE
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107

Revisions

Scale



TYPICAL ELECTRICAL SYMBOLS:
1. COORDINATE WITH SECTION 22.01 FOR
ARRANGEMENT OF EQUIPMENT AND ASSOCIATED
WIRING. MAINTAIN CLEARANCE IN FRONT OF
EQUIPMENT AND MAINTAIN REQUIRED CLEARANCE IN FRONT OF
EQUIPMENT SWITCHES.
2. EQUIPMENT WHICH IS NOT INDICATED
ON SINGLE LINE DIAGRAM DRAWING SERIES EP301
AND FOLLOWING (17)9
3. REQUIRED AS CLOSE AS FEASIBLE TO PUMP.
4. MOUNT ALL DISCONNECTS AT AIR HANDLING UNITS
CONTROL PANEL AREA.

Scale

Revisions

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 1101 ARCH STREET
 PHILADELPHIA, PENNSYLVANIA 19107

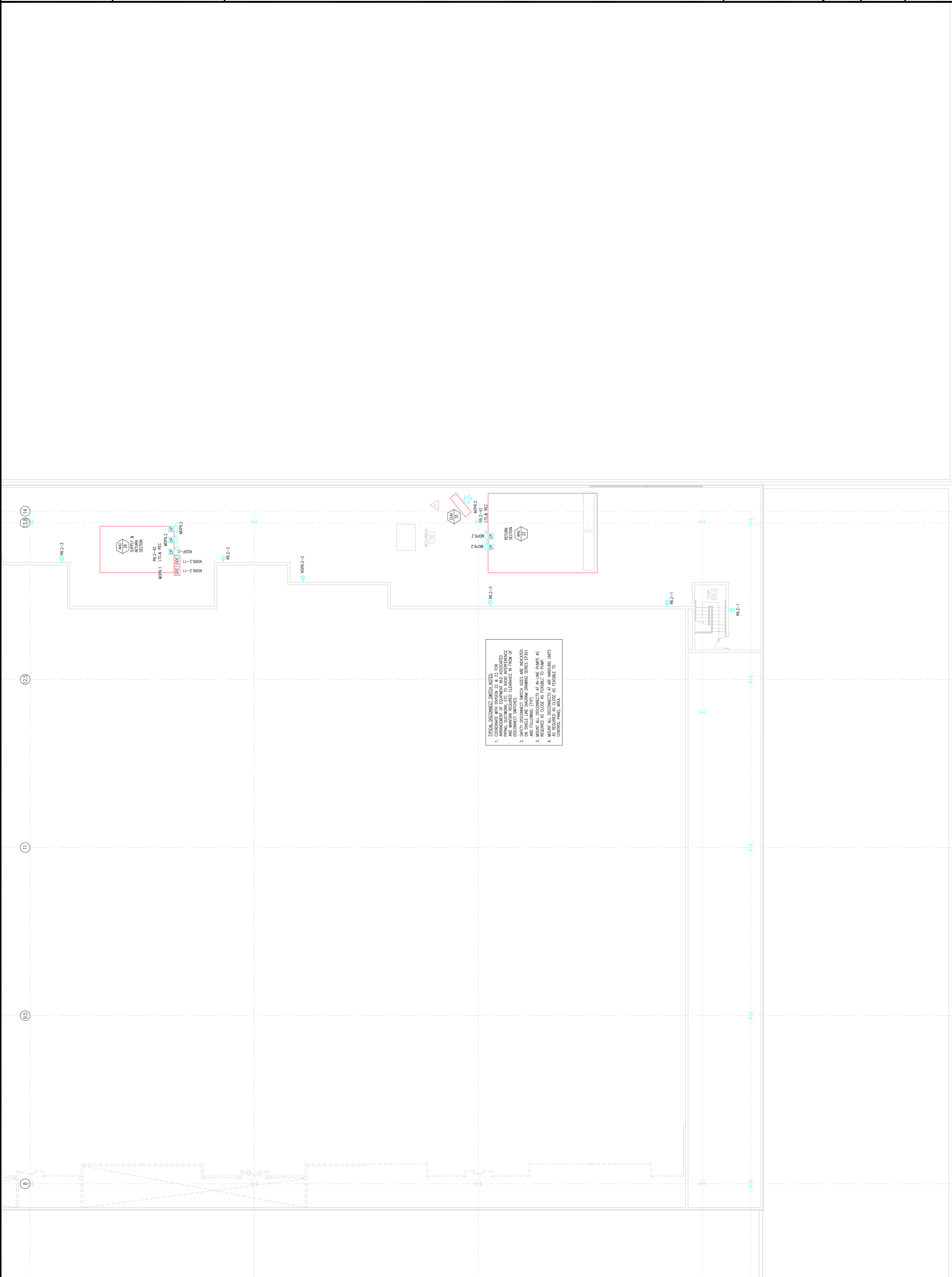


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Job No: JOE_NO
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_ML
 Plot Date: DATE
 Scale: 1/8"=1'
 Drawing Title:

LEVEL-7
POWER PLAN
MIDDLE SHOUTH

Sheet No.
EP269-GG



TYPICAL DISCONNECT SWITCH SIZES
 1. COORDINATE WITH DIVISION 22 & 23 FOR PUMP, DISCONNECT, ETC. TO AVOID INTERFERENCE WITH MECHANICAL ROOMS.
 2. SAFETY DISCONNECT SWITCH SIZES ARE INDICATED AND FOLLOWING (TYP)
 3. MOUNT ALL DISCONNECTS AT IN-LINE PUMPS AS REQUIRED AS CLOSE AS FEASIBLE TO PUMP.
 4. ALL DISCONNECTS AT IN-LINE PUMPS TO BE MOUNTED AS CLOSE AS FEASIBLE TO CONTROL PANEL AREA.

RECORD DRAWINGS
 The Leading JV

AS-BUILT DRAWING

Revisions

Scale

PHILADELPHIA, PENNSYLVANIA 19107
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 1101 ARCH STREET
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 TO THE
PENNSYLVANIA CONVENTION CENTER
 EXPANSION AND RENOVATION



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 Job No: JOE_NO
 Drawn By: DRAWN_BY_VSH
 Checked By: CHECKED_BY_VSH
 Plot Date: DATE_10-22-10
 Scale: SCALE

Drawing Title:
SINGLE LINE DIAGRAM
 COVER SHEET

Sheet No.
 5 of 5

01/09/08

EP301-GG

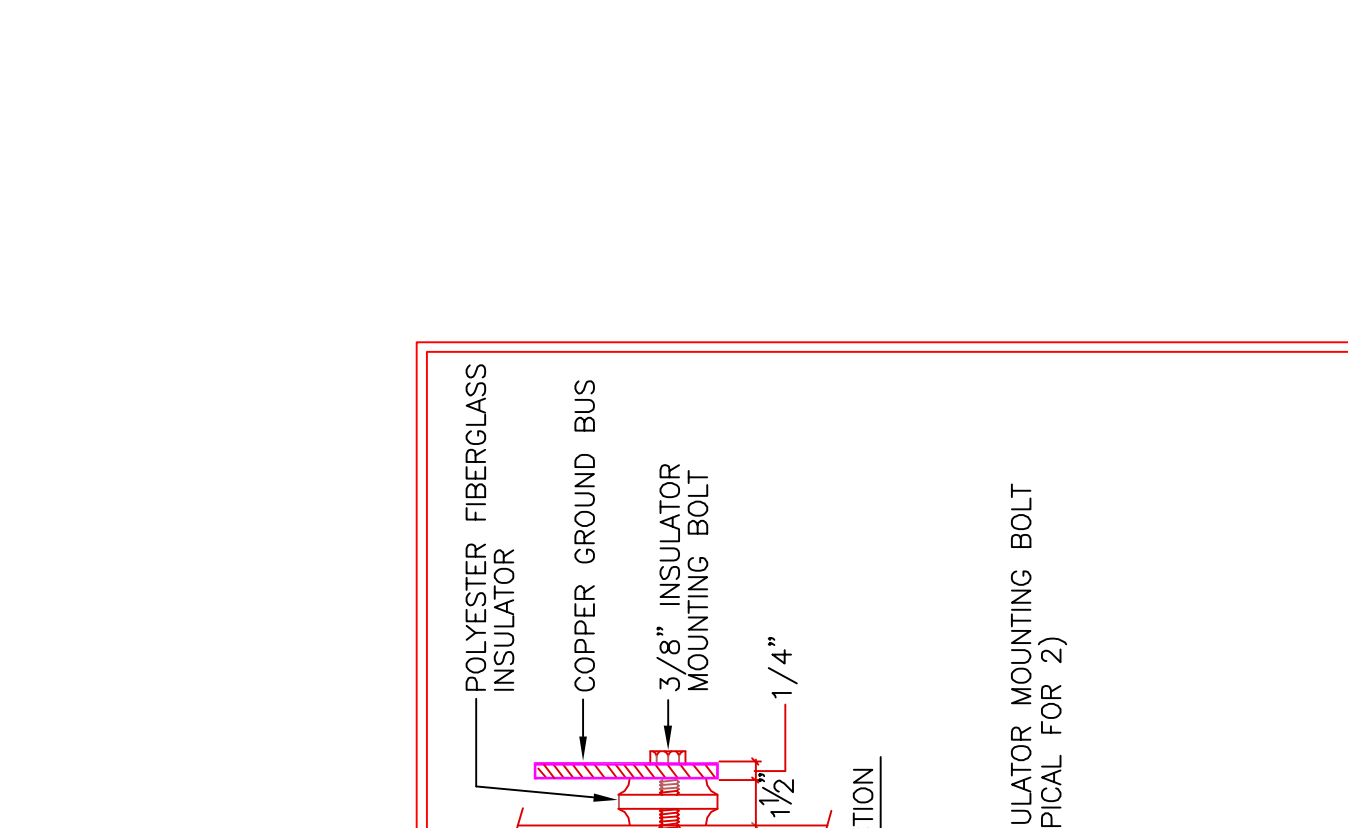
RECORD DRAWINGS
 The Leading IV

AS-BUILT DRAWING

FIR NO.	QUANTITY & WIRE SIZE	QUANTITY & CONDUIT SIZE
41	FEED SERVICE ENTRANCE CABLE (SEE SPEC SECTION 28.05)	5"
42	3 #1/0 THHN 600-15KV CABLE	4"
43	3 #1/0 THHN 600-15KV CABLE	3 1/2"
44	(3) SETS OF 4 #400KVA 15KV CABLE	(2) 1 1/2"
45	3 3000KVA 15KV CABLE	2 1/2"
46	3 #1/2 THHN 600-5KV CABLE	2"
47	3 #1/2 THHN 600-5KV CABLE	1 1/2"
48	3 #1/2 THHN 600-5KV CABLE	1 1/2"
49	3 #1/2 THHN 600-5KV CABLE	2"
50	4 5000KVA 15KV CABLE	5"

FIR NO.	QUANTITY & WIRE SIZE	QUANTITY & CONDUIT SIZE
1	(10) SETS OF MC CABLE	4000A PANEL
2	(8) SETS OF MC CABLE	3000A PANEL
3	(7) SETS OF MC CABLE	2500A PANEL
4	(5) SETS OF MC CABLE	2000A PANEL
5	(4) SETS OF MC CABLE	1800A PANEL
6	(3) SETS OF MC CABLE	1500A PANEL
7	(3) SETS OF MC CABLE	1000A PANEL
8	(2) SETS OF MC CABLE	800A PANEL
9	(2) SETS OF MC CABLE	600A PANEL
10	MC CABLE	225A PANEL
11	MC CABLE	150A PANEL
12	MC CABLE	100A PANEL
13	MC CABLE	60A PANEL
14	MC CABLE	500A MOTOR CIRCUIT
15	MC CABLE	450A MOTOR CIRCUIT
16	MC CABLE	400A MOTOR CIRCUIT
17	MC CABLE	350A MOTOR CIRCUIT
18	MC CABLE	300A MOTOR CIRCUIT
19	MC CABLE	250A MOTOR CIRCUIT
20	MC CABLE	200A MOTOR CIRCUIT
21	MC CABLE	175A MOTOR CIRCUIT
22	MC CABLE	150A MOTOR CIRCUIT
23	MC CABLE	125A MOTOR CIRCUIT
24	MC CABLE	100A MOTOR CIRCUIT
25	MC CABLE	80A MOTOR CIRCUIT
26	MC CABLE	60A MOTOR CIRCUIT
27	MC CABLE	50A MOTOR CIRCUIT
28	MC CABLE	30A MOTOR CIRCUIT
29	MC CABLE	20A MOTOR CIRCUIT
30	MC CABLE	15A MOTOR CIRCUIT
31	MC CABLE	10A MOTOR CIRCUIT
32	MC CABLE	5A MOTOR CIRCUIT
33	MC CABLE	
34	MC CABLE	
35	MC CABLE	
36	MC CABLE	
37	MC CABLE	
38	MC CABLE	
39	MC CABLE	
40	MC CABLE	

FIR NO.	QUANTITY & WIRE SIZE	QUANTITY & CONDUIT SIZE
12.3		
R2.3		
MDP4.1		
NEEP		
NSDP		
EDP2.1		
NSM4.2		
NSR4.2		
NEER3.2		
NSK4.3		
NSK4.4		
M1.1		
KAI		
KB3		

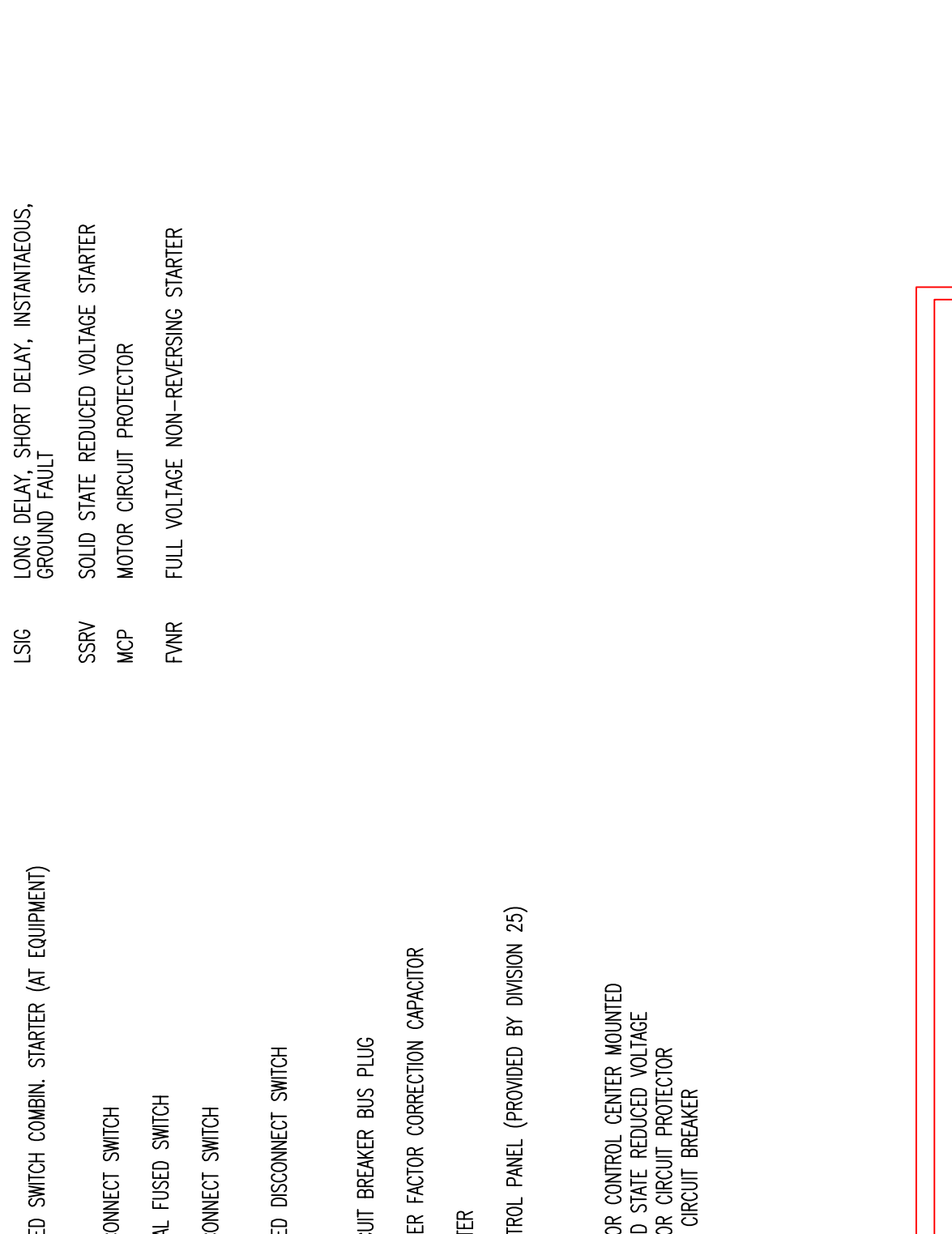


PANELLBOARD NOMENCLATURE KEY

SYMBOL	DESCRIPTION
(Symbol)	UTILITY POLE
(Symbol)	TRANSFORMER - 3-PHASE
(Symbol)	3-PHASE, 3-WIRE DELTA
(Symbol)	3-PHASE WYE (GROUNDING NEUTRAL)
(Symbol)	EMERGENCY GENERATOR
(Symbol)	MULTI-USE 3-PHASE CIRCUIT BREAKER
(Symbol)	FUSE
(Symbol)	VOLTMETER SWITCH
(Symbol)	AMMETER SWITCH
(Symbol)	CURRENT TRANSFORMER
(Symbol)	POTENTIAL TRANSFORMER
(Symbol)	DRUM-OUT DEVICE
(Symbol)	DRUM-OUT CIRCUIT BREAKER-400V
(Symbol)	LOADING ARRESTER
(Symbol)	KEY INTERLOCK
(Symbol)	MOTOR STARTER
(Symbol)	FIXED SWITCH CIRCUIT BREAKER
(Symbol)	MOTOR STARTER (AT EQUIPMENT)
(Symbol)	COMBINATION STARTER/DISCONNECT SWITCH (AT EQUIPMENT)
(Symbol)	FIXED SWITCH CIRCUIT BREAKER (AT EQUIPMENT)
(Symbol)	DISCONNECT SWITCH
(Symbol)	LOCAL FUSED SWITCH
(Symbol)	DISCONNECT SWITCH
(Symbol)	FIXED DISCONNECT SWITCH
(Symbol)	CIRCUIT BREAKER BUS RUG
(Symbol)	POWER FACTOR CORRECTION CAPACITOR
(Symbol)	CONTROL PANEL (PROVIDED BY OTHERS)
(Symbol)	MOTOR CONTROL CENTER MOUNTED
(Symbol)	SOLID STATE REDUCED VOLTAGE STARTER
(Symbol)	SSV
(Symbol)	600-3P
(Symbol)	SSV
(Symbol)	LONG DELAY SHORT DELAY INSTANTANEOUS GROUND FAULT
(Symbol)	SSV
(Symbol)	MOTOR CIRCUIT BREAKER
(Symbol)	FWR
(Symbol)	FULL VOLTAGE NON-REVERSING STARTER

PRR NO.	VOLUME	CB SIZE	VOLUME	FLOOR LOCATION	FEEDER	CB SIZE	VOLUME	FLOOR LOCATION	INSTALLATION TYPE	REMARKS
T1	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	500	FLOOR	FLOOR	
T2	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	200	FLOOR	FLOOR	
T3	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	225	FLOOR	FLOOR	
T4	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	150	FLOOR	FLOOR	
T5	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	112.5	FLOOR	FLOOR	
T6	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	75	FLOOR	FLOOR	
T7	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	45	FLOOR	FLOOR	
T8	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	30	FLOOR	FLOOR	
T9	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	15	FLOOR	FLOOR	
T10	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	9	FLOOR	FLOOR	
T11	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	6	WALL	WALL	
T12	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	3	WALL	WALL	

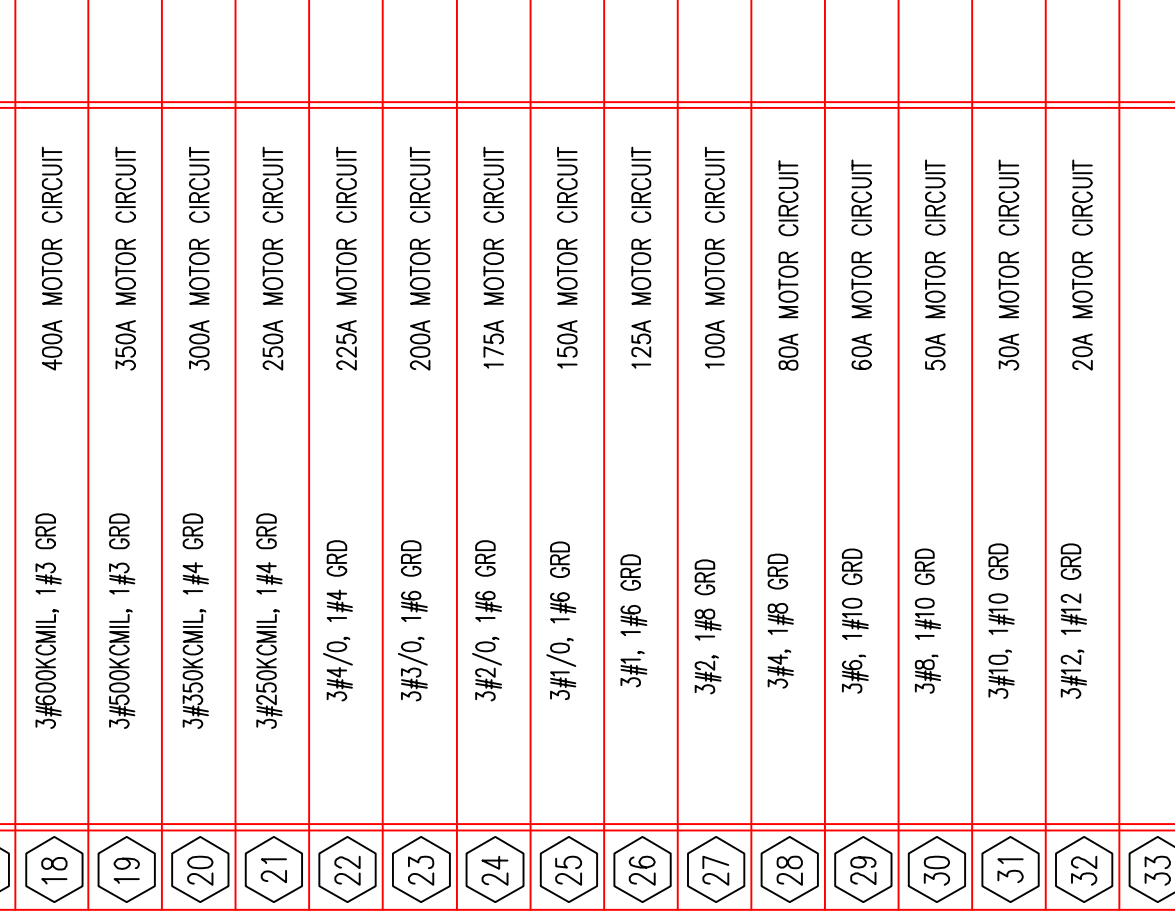
TRANSFORMER SCHEDULE



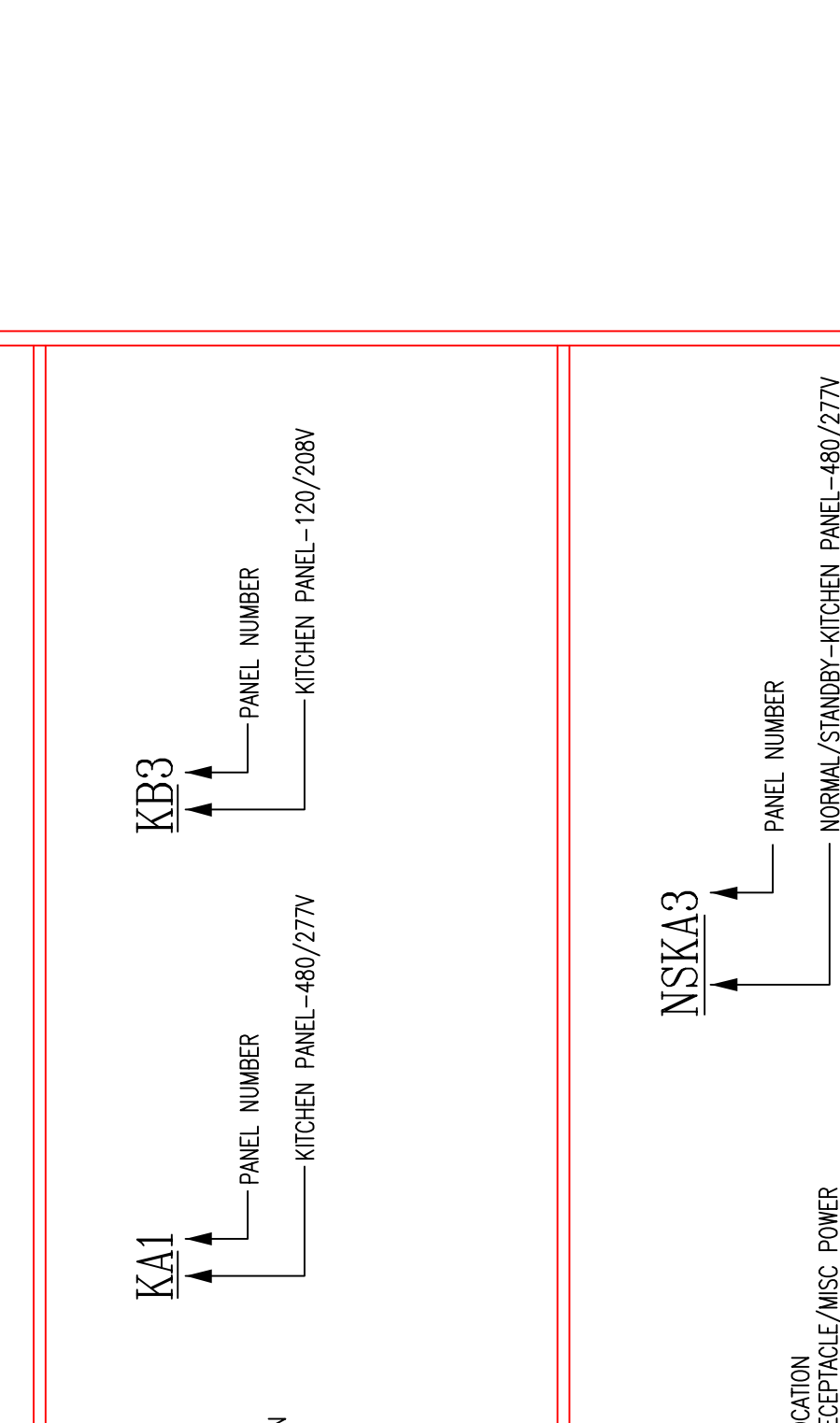
TYPICAL ELECTRIC ROOM GROUND BUS



TYPICAL TELECOMM GROUND BUS



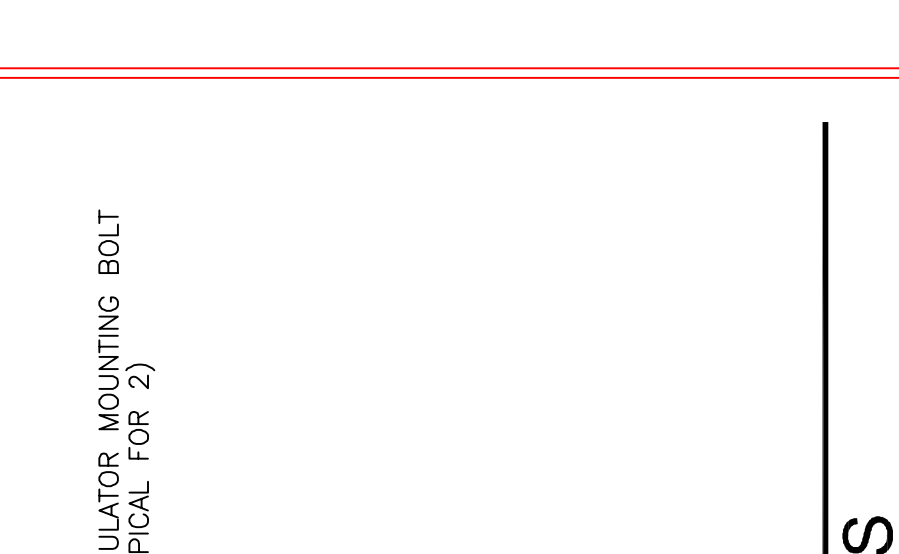
ELECTRIC SERVICE GROUNDING OVERALL



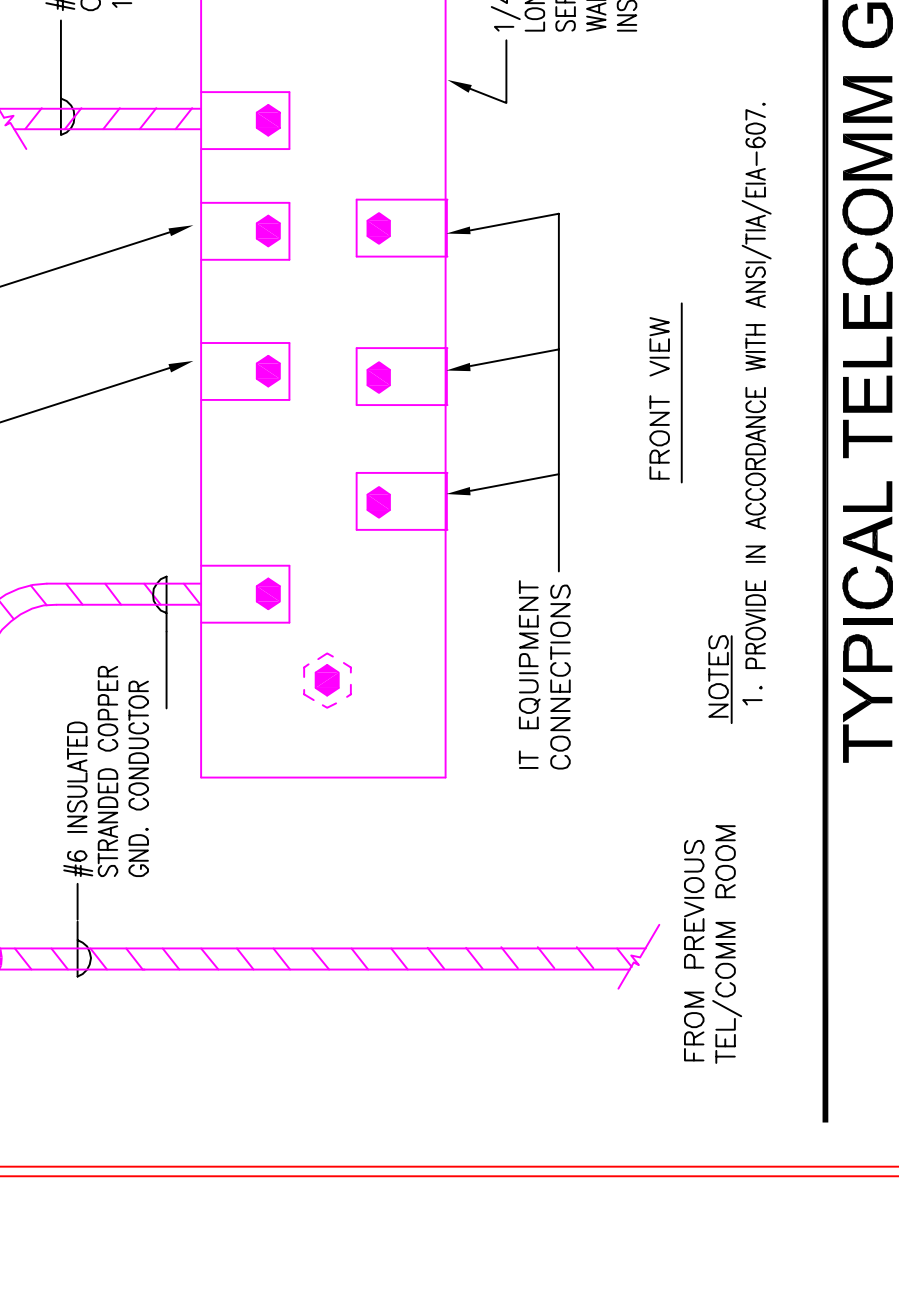
PANELLBOARD NOMENCLATURE KEY

PRR NO.	VOLUME	CB SIZE	VOLUME	FLOOR LOCATION	FEEDER	CB SIZE	VOLUME	FLOOR LOCATION	INSTALLATION TYPE	REMARKS
T1	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	500	FLOOR	FLOOR	
T2	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	200	FLOOR	FLOOR	
T3	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	225	FLOOR	FLOOR	
T4	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	150	FLOOR	FLOOR	
T5	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	112.5	FLOOR	FLOOR	
T6	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	75	FLOOR	FLOOR	
T7	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	45	FLOOR	FLOOR	
T8	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	30	FLOOR	FLOOR	
T9	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	15	FLOOR	FLOOR	
T10	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	9	WALL	WALL	
T11	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	6	WALL	WALL	
T12	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	3	WALL	WALL	

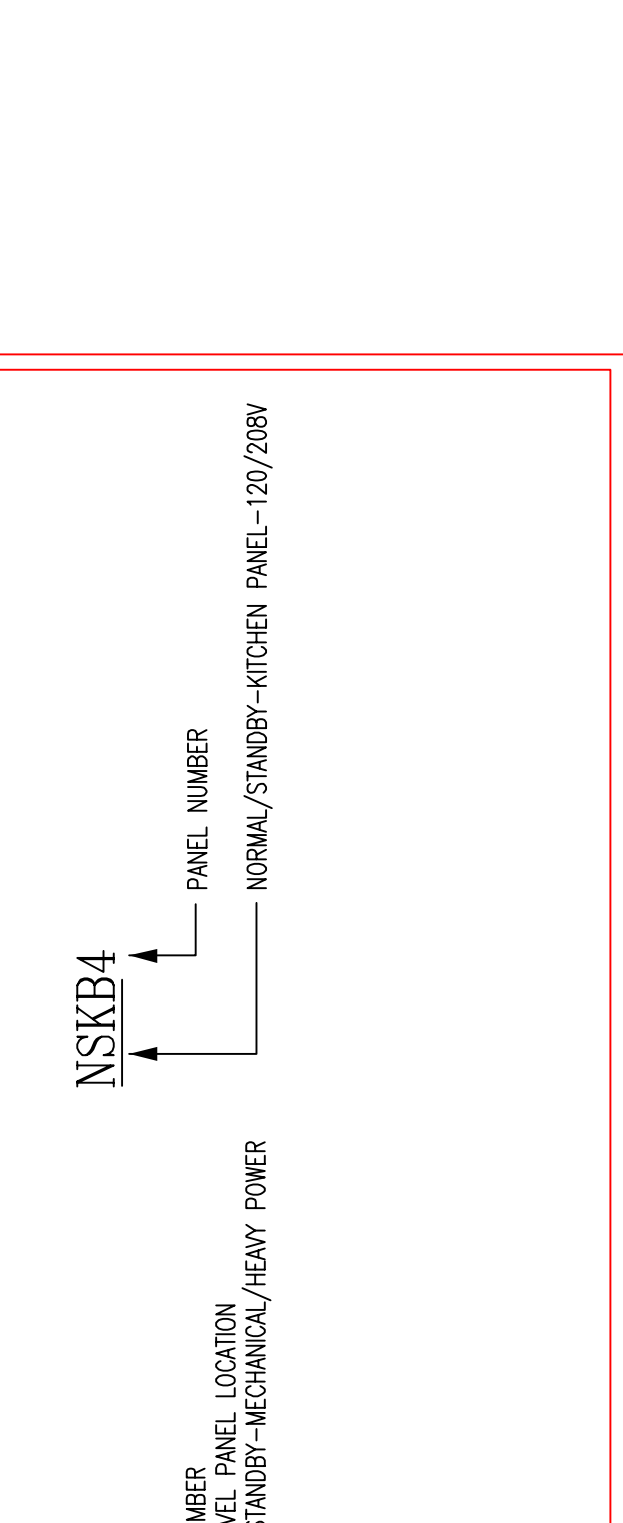
TRANSFORMER SCHEDULE



PANELLBOARD NOMENCLATURE KEY



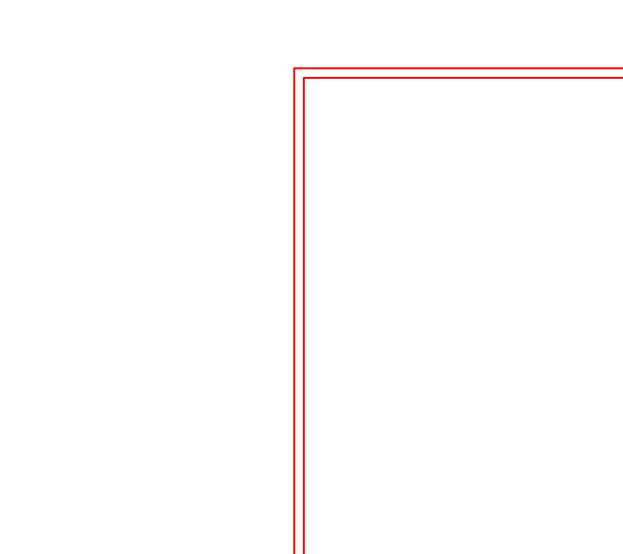
PANELLBOARD NOMENCLATURE KEY



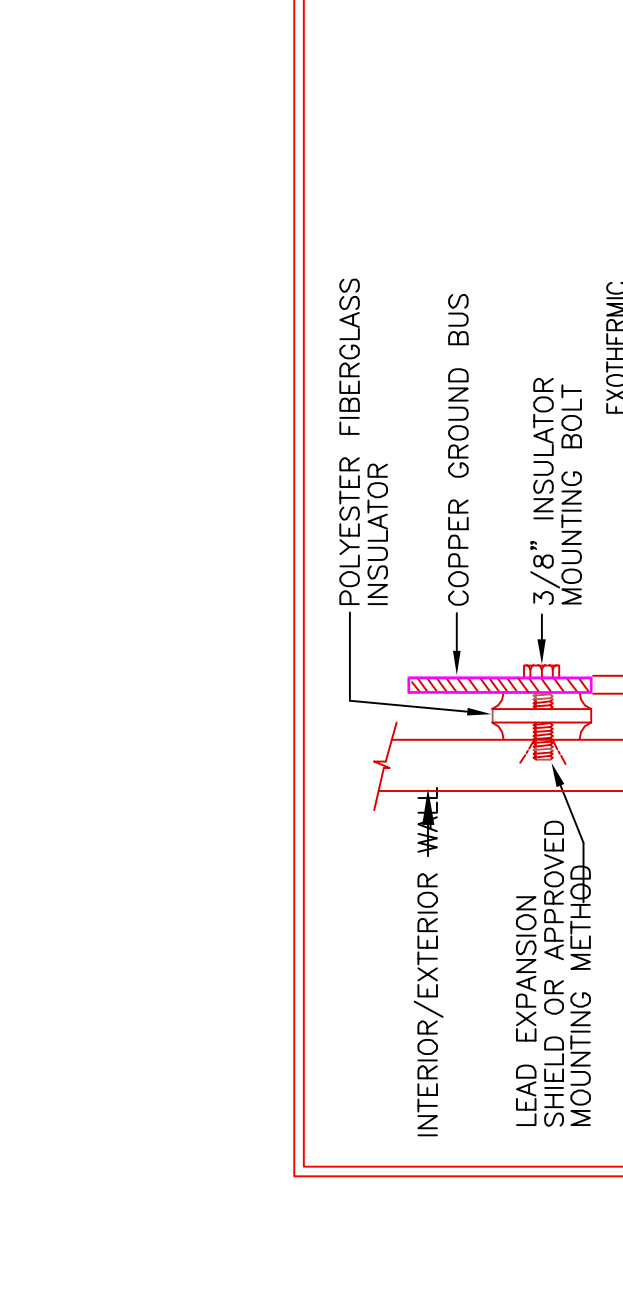
PANELLBOARD NOMENCLATURE KEY

PRR NO.	VOLUME	CB SIZE	VOLUME	FLOOR LOCATION	FEEDER	CB SIZE	VOLUME	FLOOR LOCATION	INSTALLATION TYPE	REMARKS
T1	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	500	FLOOR	FLOOR	
T2	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	200	FLOOR	FLOOR	
T3	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	225	FLOOR	FLOOR	
T4	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	150	FLOOR	FLOOR	
T5	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	112.5	FLOOR	FLOOR	
T6	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	75	FLOOR	FLOOR	
T7	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	45	FLOOR	FLOOR	
T8	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	30	FLOOR	FLOOR	
T9	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	15	FLOOR	FLOOR	
T10	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	9	WALL	WALL	
T11	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	6	WALL	WALL	
T12	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	WALL	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	3	WALL	WALL	

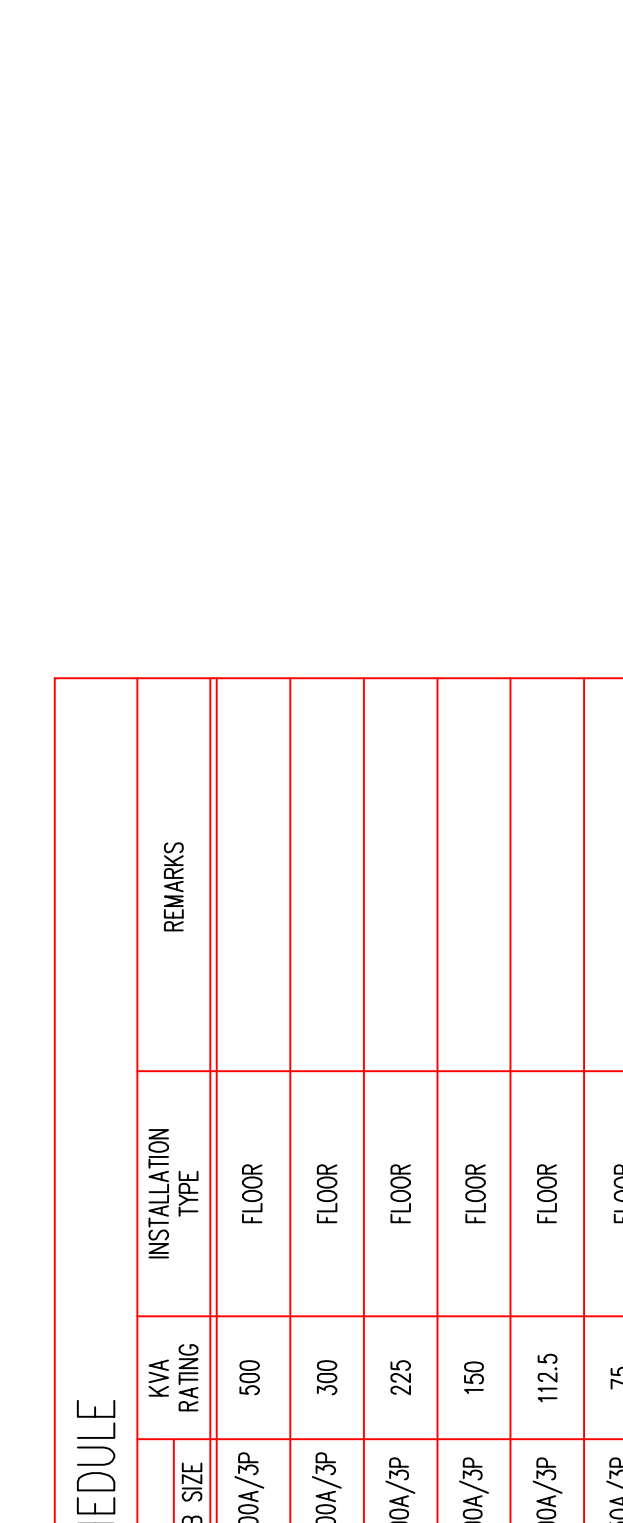
TRANSFORMER SCHEDULE



PANELLBOARD NOMENCLATURE KEY

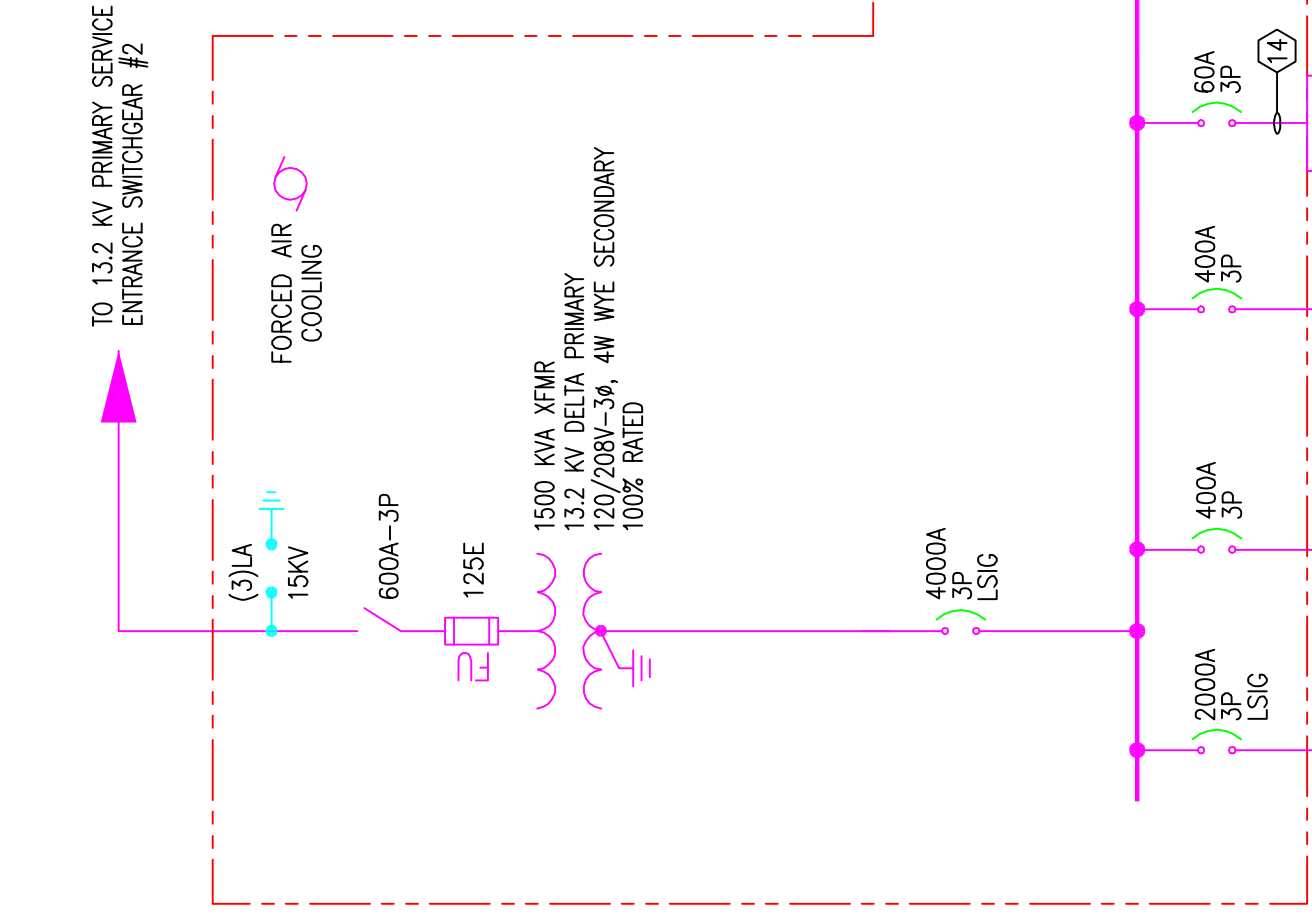


PANELLBOARD NOMENCLATURE KEY

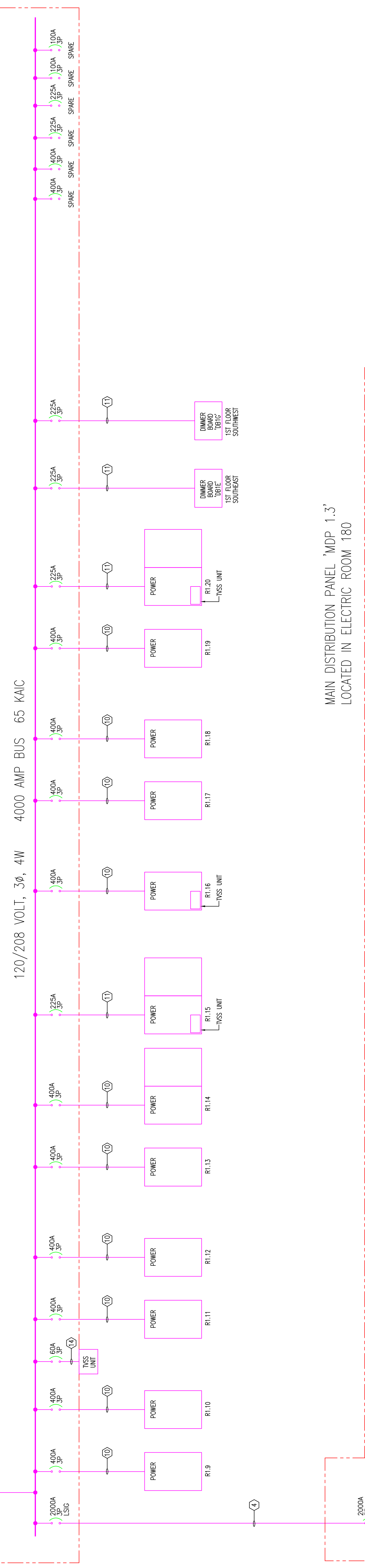


PANELLBOARD NOMENCLATURE KEY

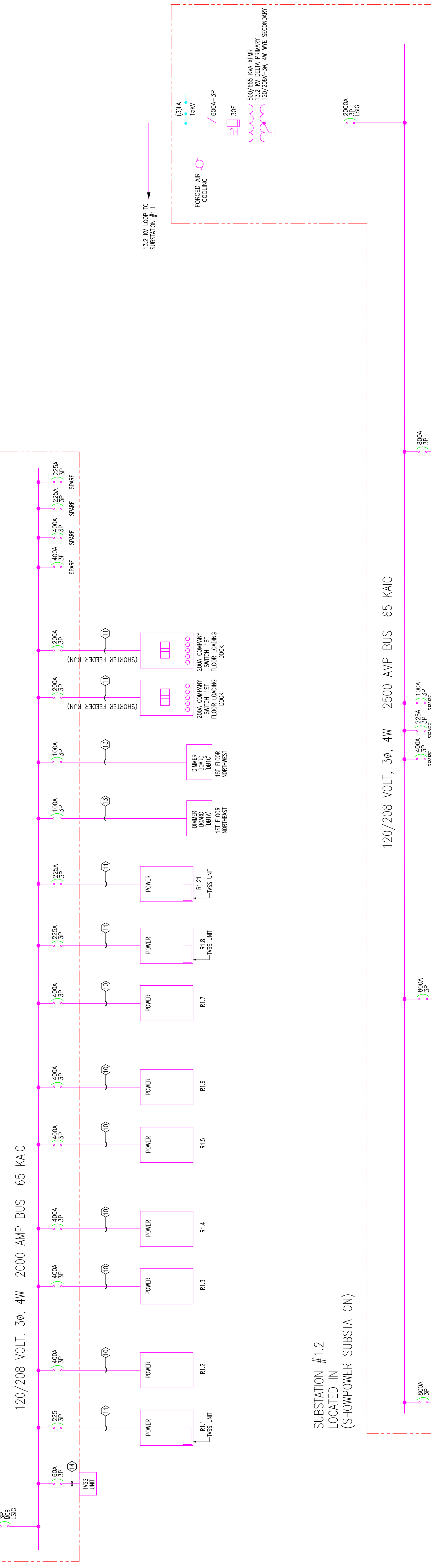
PRR NO.	VOLUME	CB SIZE	VOLUME	FLOOR LOCATION	FEEDER	CB SIZE	VOLUME	FLOOR LOCATION	INSTALLATION TYPE	REMARKS
T1	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	500	FLOOR	FLOOR	
T2	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 600-15KV CABLE	1000A/3P	200	FLOOR	FLOOR	
T3	480	(3) SETS OF #1/0 THHN 600-15KV CABLE	200/1/0	FLOOR	(1) #1/0 THHN 6					



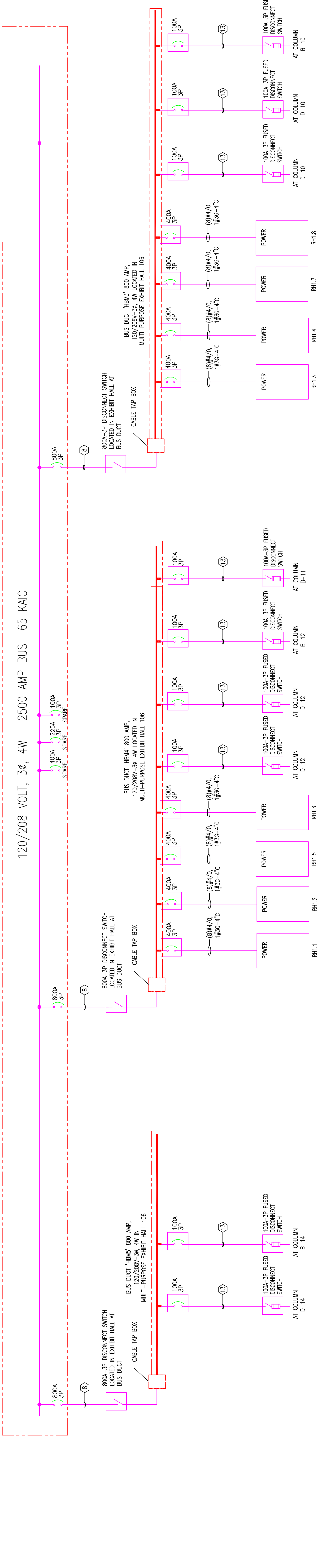
SUBSTATION #1.3
LOCATED IN ELECTRIC ROOM 184



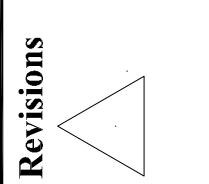
MAIN DISTRIBUTION PANEL 'MDP 1.3'
LOCATED IN ELECTRIC ROOM 180



SUBSTATION #1.2
LOCATED IN
(SHOWPOWER SUBSTATION)



- GENERAL NOTES:**
1. ALL CIRCUIT BREAKERS ARE 3-POLE UNLESS NOTED OTHERWISE.
 2. ALL CIRCUIT BREAKERS ARE TO BE INSTALLED IN THE MAIN ELECTRICAL ROOM UNLESS OTHERWISE NOTED.
 3. ALL TAGGED FEEDER AND CONDUIT SIZES ARE INDICATED ON THE FEEDER SCHEDULE UNLESS OTHERWISE NOTED.
 4. ALL FEEDER SCHEDULES ARE TO BE INSTALLED IN THE MAIN ELECTRICAL ROOM UNLESS OTHERWISE NOTED.
 5. REFER TO POWER DRAWINGS FOR THE LOCATION OF ALL ELECTRICAL EQUIPMENT UNLESS OTHERWISE NOTED.
 6. REFER TO MECHANICAL DRAWINGS FOR THE LOCATION OF ALL MECHANICAL EQUIPMENT UNLESS OTHERWISE NOTED.
 7. COORDINATE WITH ESCALATOR PROVIDER AND SUBMITTALS FOR THE LOCATION OF ALL ESCALATOR EQUIPMENT UNLESS OTHERWISE NOTED.



Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



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Date: DATE
Plot Date: SCALE
Drawing Title: 06/20/09
45539
04/27/10

RECORD DRAWINGS
The Rating IV

SINGLE LINE
DIAGRAM
SUB 1.2 AND 1.3
Sheet No. EP304-GG

EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
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 PHILADELPHIA, PENNSYLVANIA 19107



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 Drawn By: DRAWN BY: MSH
 Checked By: CHECKED BY: JML
 Date: DATE
 Plot Date: SCALE
 Scale: SCALE

Drawing Title:

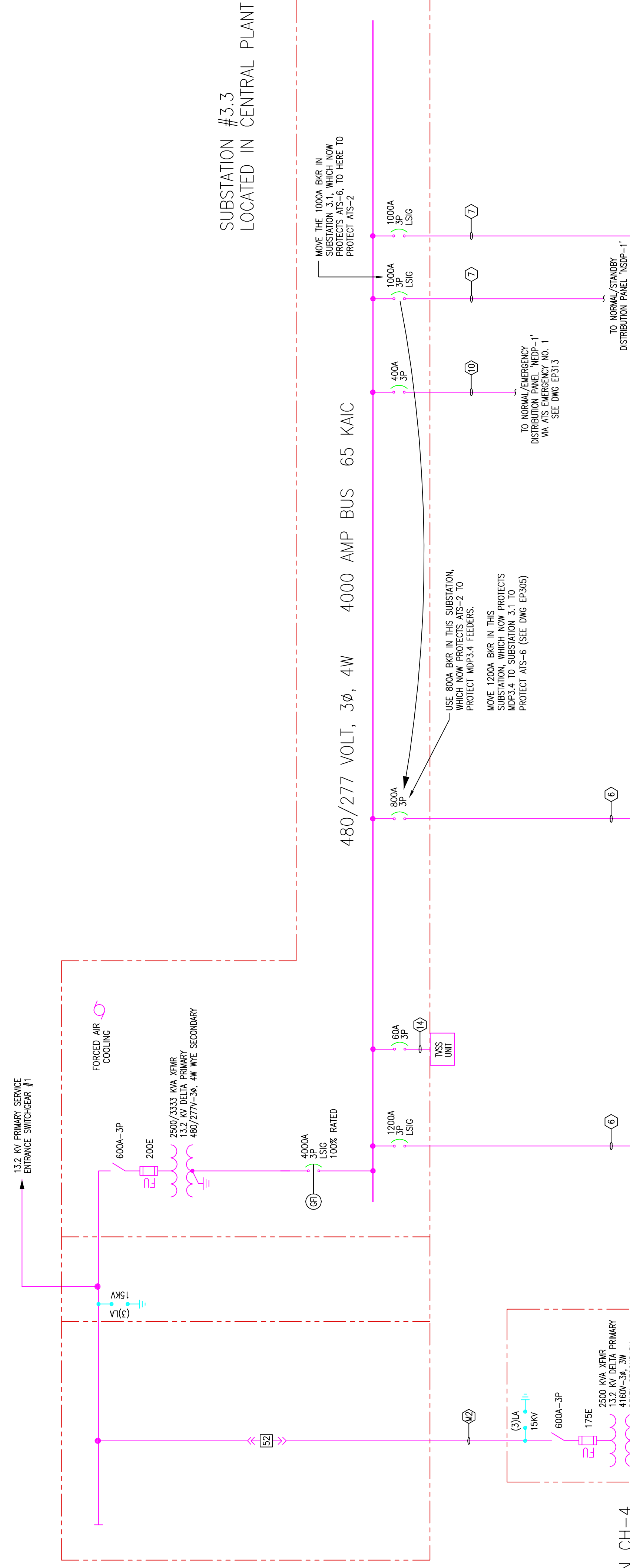
SINGLE LINE
 DIAGRAM
 SUB 3.2

Sheet No.

EP307-GG

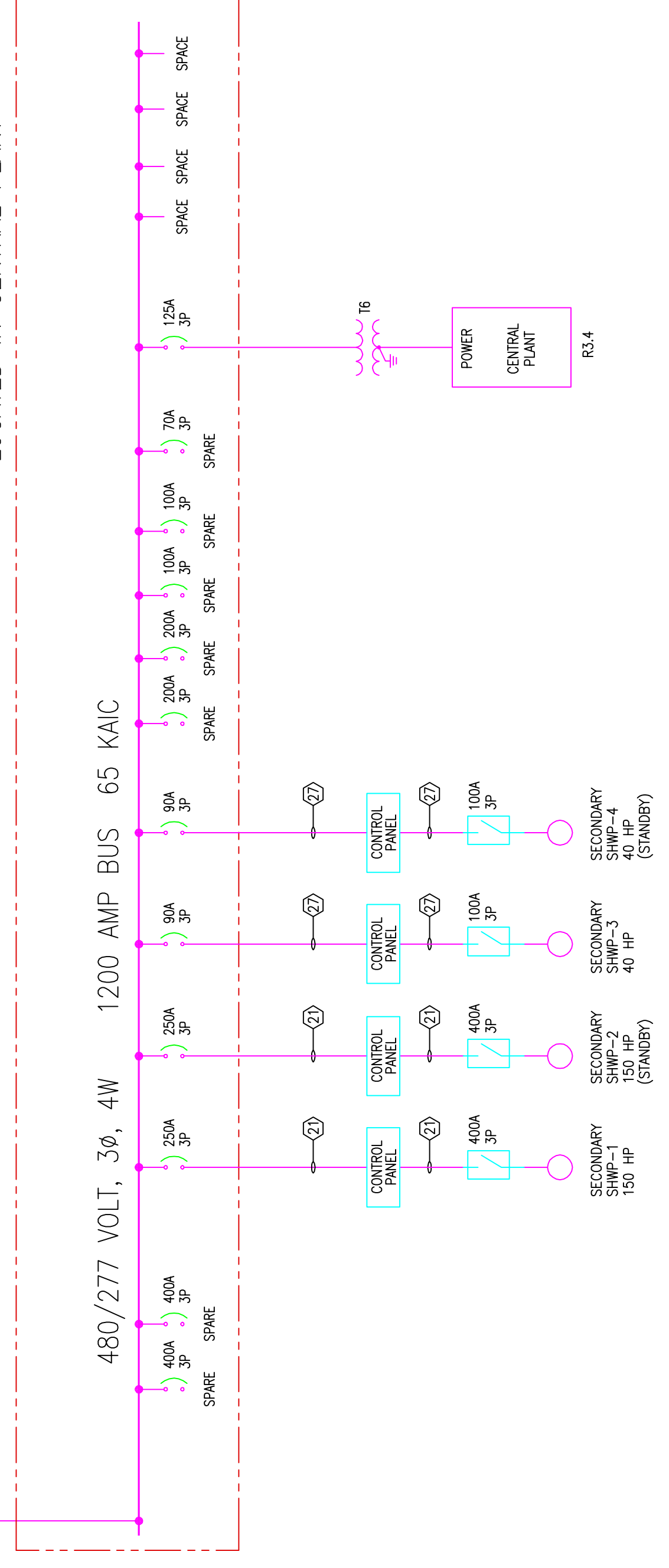
- GENERAL NOTES:
1. ALL CIRCUIT BREAKERS ARE 3-PHASE UNAN.
 2. REFER TO DRAWING EXIST FOR SINGLE LINE DIAGRAM.
 3. SYMBOLS, TRANSFORMER SCHEDULE AND FEEDER SCHEDULE INDICATED ON THE FEEDER SCHEDULE UNLESS OTHERWISE NOTED.
 4. REFER TO MECHANICAL DRAWINGS FOR THE LOCATION OF ALL PANELS/BOARDS MOUNTED IN ELECTRICAL & MECHANICAL ROOMS.
 5. LOCATION OF ALL PANELS/BOARDS LOCATED IN EXIST ROOMS OR ROOMS OTHER THAN MECH & ELEC ROOMS.
 6. REFER TO DRAWING SERIES EPL, AND EPL, FOR THE LOCATION OF ALL MECHANICAL EQUIPMENT, COORDINATE WITH MECHANICAL DRAWINGS.
 7. POWER FACTOR CORRECTION CAPACITORS SHALL BE SIZED IN ACCORDANCE WITH ASSOCIATED MOTOR NAME AND KVA DESIGN. COORDINATE WITH DRAWING 23 RATING OF CAPACITORS.

SUBSTATION #3.3
 LOCATED IN CENTRAL PLANT

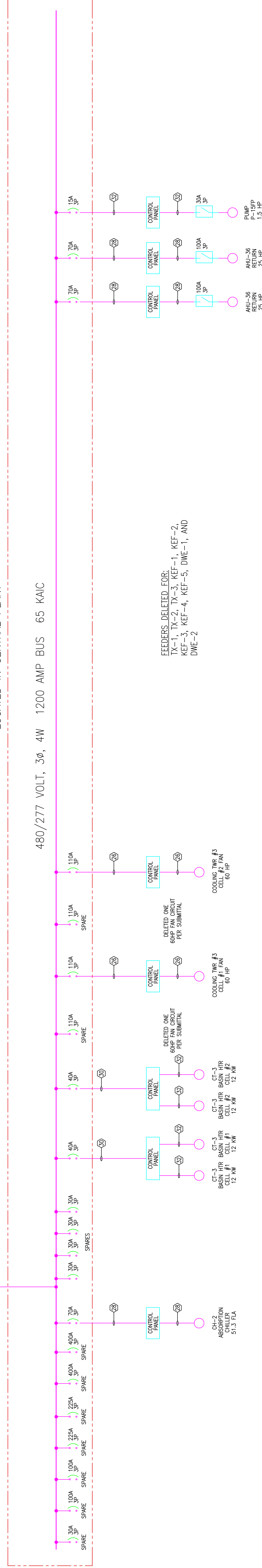


CHILLER SUBSTATION CH-4
 LOCATED IN CENTRAL PLANT

MAIN DISTRIBUTION PANEL MDP3.4
 LOCATED IN CENTRAL PLANT



MAIN DISTRIBUTION PANEL MDP3.5
 LOCATED IN CENTRAL PLANT



RECORD DRAWINGS
 The Heating IV

AS-BUILT DRAWING

Scale

Revisions

GENERAL NOTES:
 1. ALL CIRCUIT BREAKERS ARE 3-PHASE UNAN
 2. REFER TO DRAWING 4301 FOR PANEL THE DRAWING
 3. ALL WIRING SHALL BE IN ACCORDANCE WITH THE
 4. ALL WIRING SHALL BE IN ACCORDANCE WITH THE
 5. ALL WIRING SHALL BE IN ACCORDANCE WITH THE

EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107



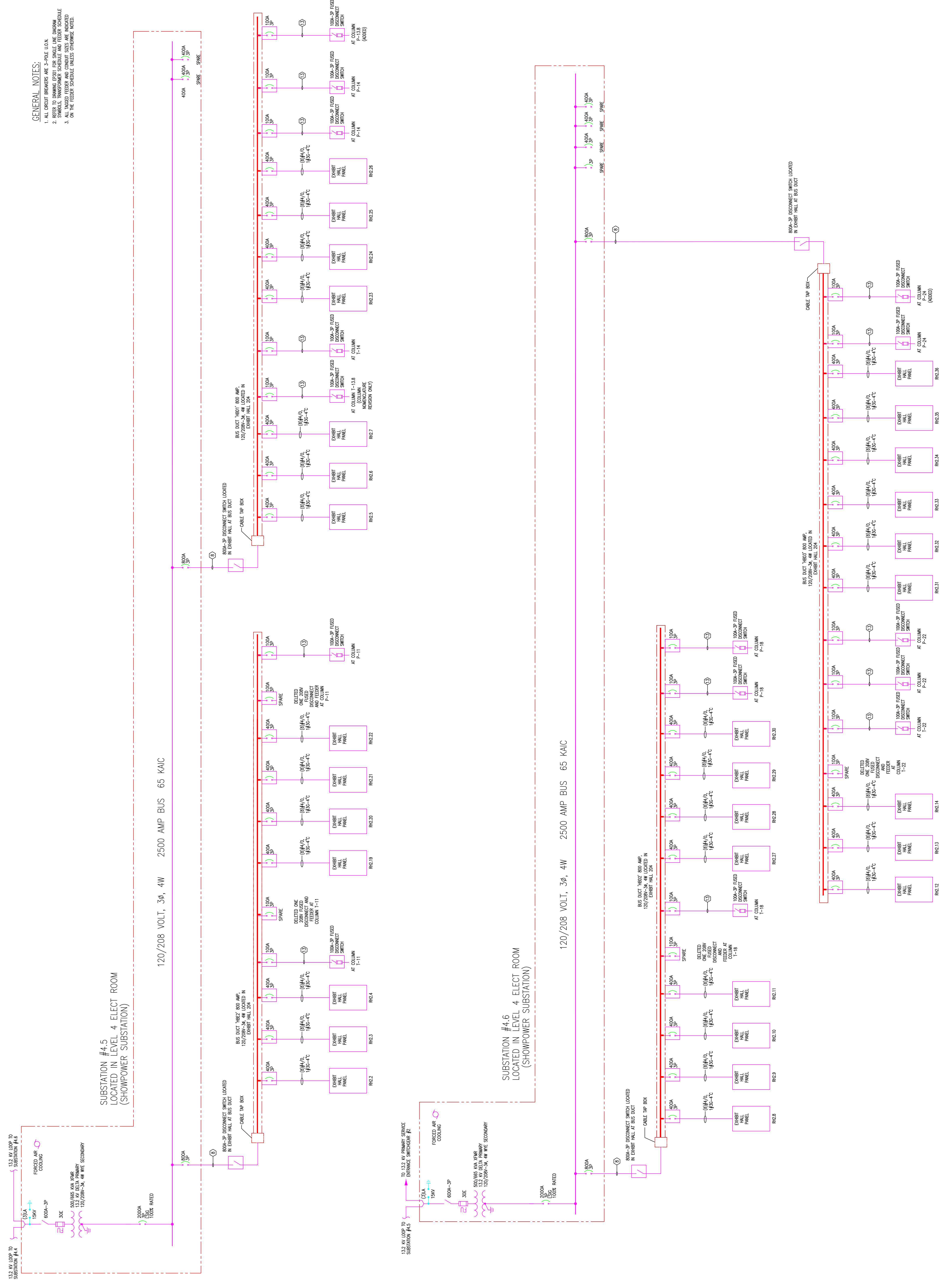
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 Drawn By: DRAWN_BY_VSH
 Checked By: CHECKED_BY_JML
 Date: DATE
 Plot Date: DATE
 Scale: SCALE
 Drawing Title:

SINGLE LINE
 DIAGRAM
 SUB 4.5 AND 4.6

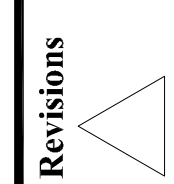
Sheet No.
 EP310-GG

RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING



① — ② — ③ — ④ — ⑤ — ⑥ — ⑦ — ⑧ — ⑨ — ⑩ — ⑪ — ⑫ — ⑬ — ⑭ — ⑮ — ⑯ — ⑰ — ⑱ — ⑲ — ⑳ — ㉑ — ㉒ — ㉓ — ㉔ — ㉕ — ㉖ — ㉗ — ㉘ — ㉙ — ㉚ — ㉛ — ㉜ — ㉝ — ㉞ — ㉟ — ㊱ — ㊲ — ㊳ — ㊴ — ㊵ — ㊶ — ㊷ — ㊸ — ㊹ — ㊺ — ㊻ — ㊼ — ㊽ — ㊾ — ㊿



Revisions

EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 ONE PENNSYLVANIA CONVENTION CENTER PLACE
 PHILADELPHIA, PENNSYLVANIA 19107



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 Date: DATE
 Plot Date: SCALE

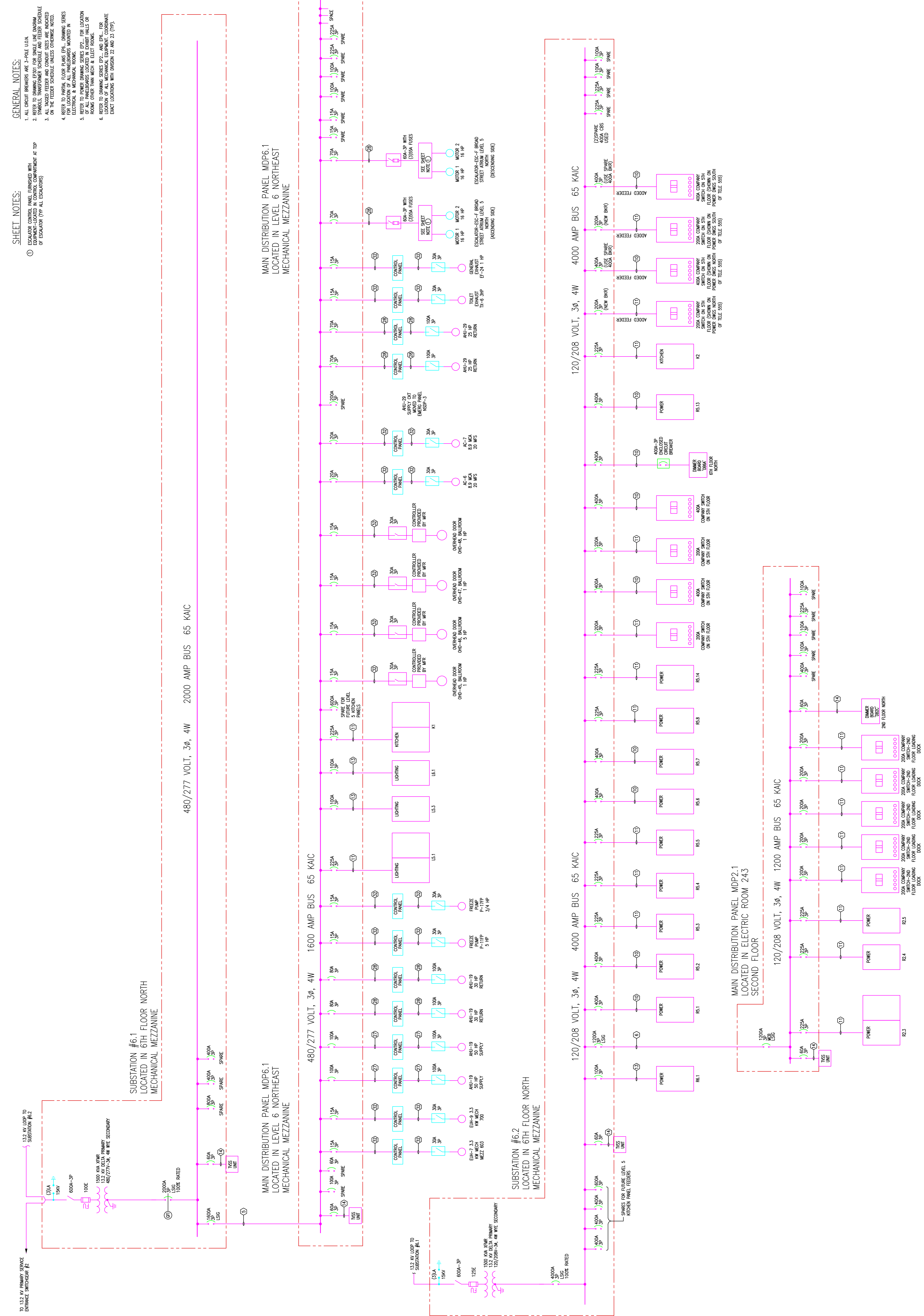
Drawing Title:
 AS-BUILT SUB 6.1 AND 6.2
 11/15/09
 1: 06/24/10

SINGLE LINE
 DIAGRAM
 SUB 6.1 AND 6.2

Sheet No.
 EP311-GG

RECORD DRAWINGS
 The Keating IV

AS-BUILT DRAWING



GENERAL NOTES:
 1. ALL CIRCUIT BREAKERS ARE 3-PHASE UNIT.
 2. CIRCUIT BREAKERS ARE TO BE INSTALLED IN THE MIDDLE OF THE BUS.
 3. ALL CIRCUIT BREAKERS ARE TO BE INSTALLED IN THE MIDDLE OF THE BUS.
 4. REFER TO PANEL SCHEDULES FOR PANEL SIZES, RATING, AND LOCATION.
 5. ALL PANELS ARE TO BE INSTALLED IN THE MECHANICAL ROOM.
 6. REFER TO PANEL SCHEDULES FOR PANEL SIZES, RATING, AND LOCATION.

SHEET NOTES:
 1. EXPANSION PANELS SHOWN WITH DOTTED LINES.
 2. EXPANSION PANELS SHOWN WITH DOTTED LINES.
 3. EXPANSION PANELS SHOWN WITH DOTTED LINES.

Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
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Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
Scale: SCALE

Drawing Title:
AS-97
08/26/01

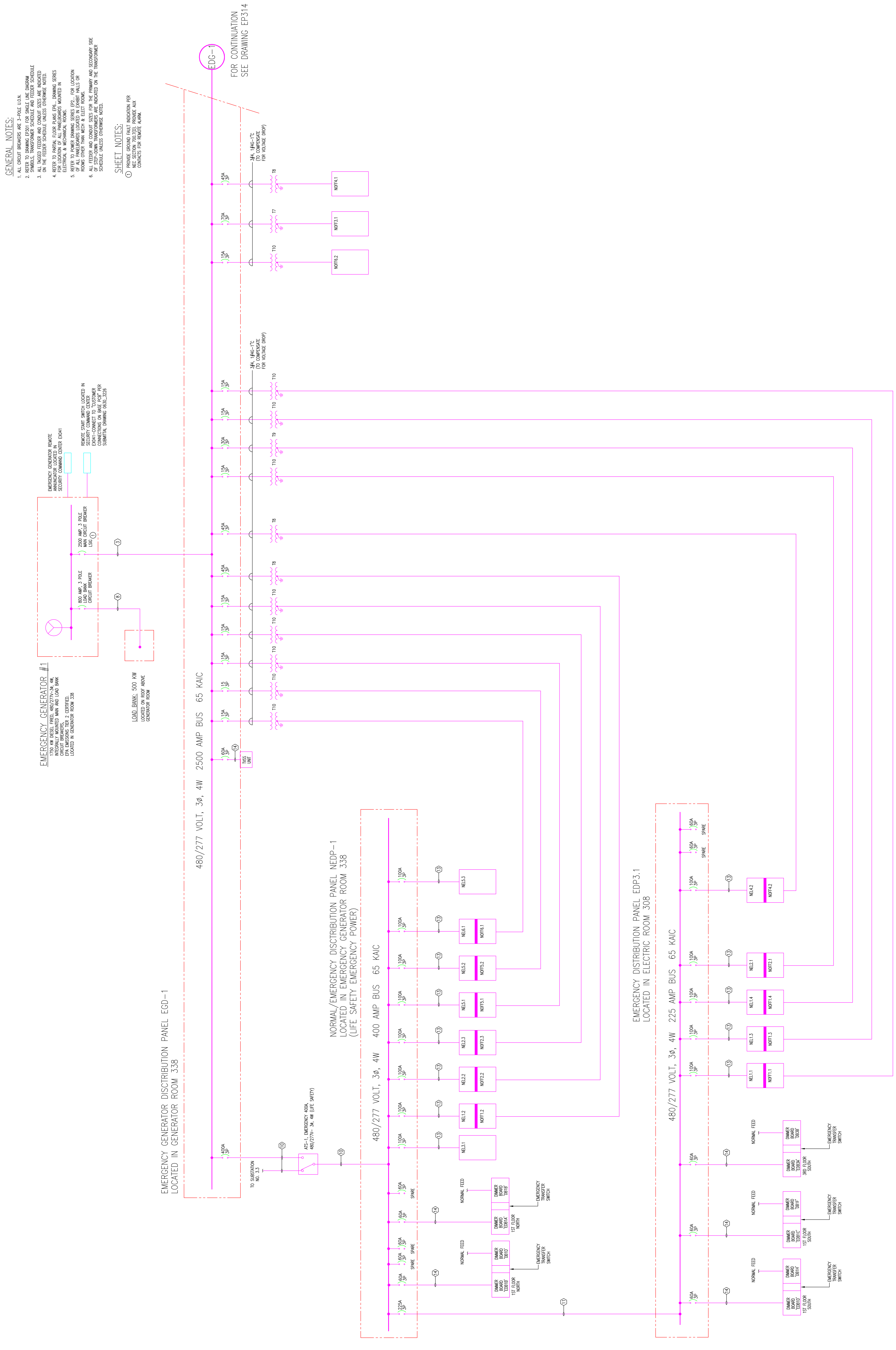
SINGLE LINE
DIAGRAM/LIFE
SAFETY EMERGENCY

Sheet No.

EP313-GG

- GENERAL NOTES:**
1. ALL CIRCUIT BREAKERS ARE 3-POLE U.O.N.
 2. ALL TRANSFORMERS ARE 100% TAPPED.
 3. ALL TAPPED FEEDER AND CONDUIT SIZES ARE INDICATED ON THE TAPERS SCHEDULE UNLESS OTHERWISE NOTED.
 4. REFER TO PANEL FLOOR PLANS FOR ALL TAPPING SIZES ELECTRICAL & MECHANICAL ROOMS.
 5. REFER TO POWER DRAWING SERIES EP3 FOR LOCATION ROOMS OTHER THAN MECH & ELECT ROOMS.
 6. ALL FEEDER AND CONDUIT SIZES FOR THE PRIMARY AND SECONDARY SIDE OF TRANSFORMERS ARE INDICATED ON THE TRANSFORMER SCHEDULE UNLESS OTHERWISE NOTED.

- SHEET NOTES:**
- PROVIDE GROUND FAULT INDICATION PER REC. SECTION 700.7(D). PROVIDE AUX CONTACTS FOR REMOTE ALARM.

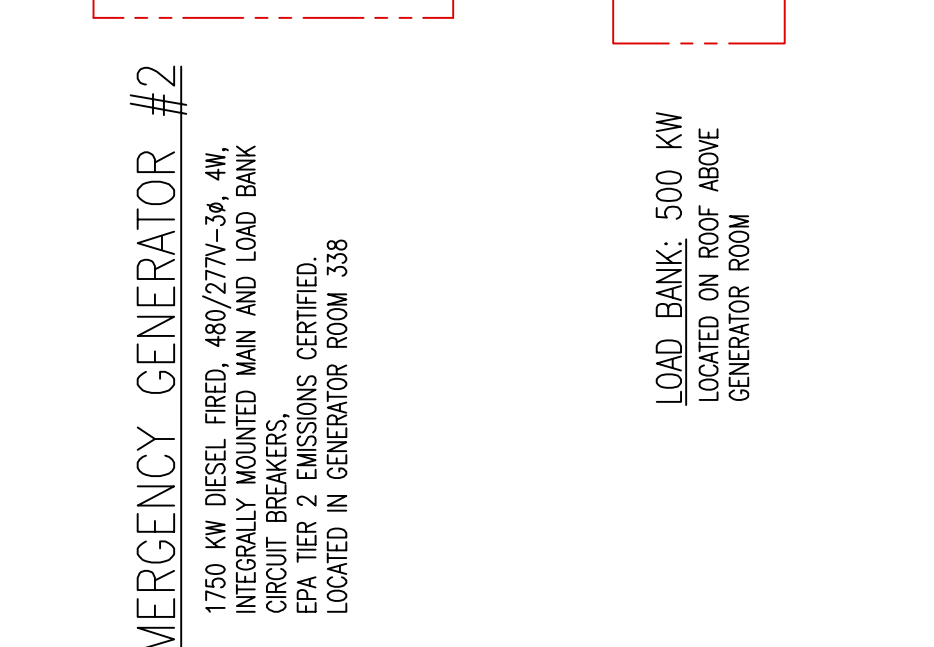
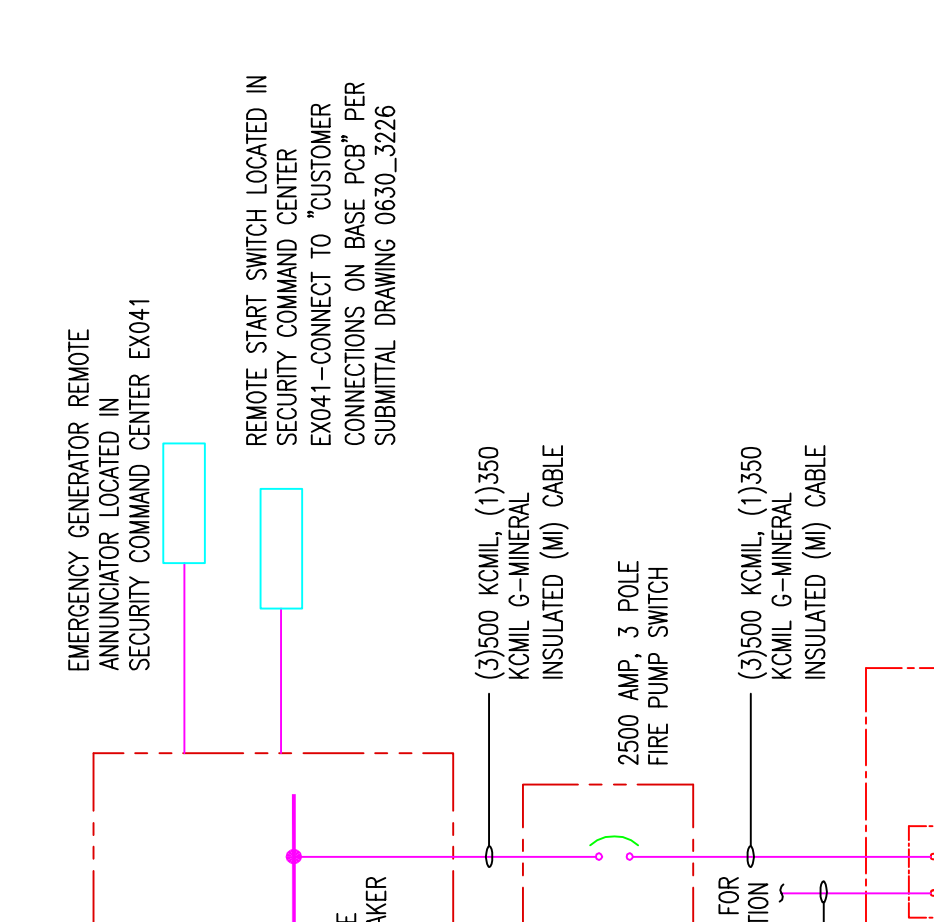


RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING

Revisions

- GENERAL NOTES:**
1. ALL CIRCUIT BREAKERS ARE 3-POLE U.O.K.
 2. REFER TO DRAWING ESDP-1 FOR SINGLE LINE DIAGRAM
 3. ALL TAGGED FEEDER AND CONDUIT SIZES ARE INDICATED ON THE FEEDER SCHEDULE UNLESS OTHERWISE NOTED.
 4. ALL FEEDER AND CONDUIT SIZES FOR THE PRIMARY AND SECONDARY SIZE OF STEP-DOWN TRANSFORMERS ARE INDICATED ON THE TRANSFORMER SCHEDULE UNLESS OTHERWISE NOTED.
 5. CONDUIT SIZES SHOWN ARE TO BE USED IN ACCORDANCE WITH ASSOCIATED MOTOR FRAME AND NEMA DESIGN. COORDINATE WITH DIVISION 23 FOR CONDUIT SIZES AND TYPES. ALL CONDUITS SHALL BE CONNECTED TO A RACK OF CONDUIT.
 6. REFER TO PARTIAL FLOOR PLANS EPL-1 DRAWING SERIES FOR LOCATION OF ALL PANELBOARDS LOCATED IN EXHIBIT HALLS OR EXHIBIT LOBBY AREAS.
 7. REFER TO POWER DRAWING SERIES EPL-1 FOR LOCATION OF ALL PANELBOARDS LOCATED IN EXHIBIT HALLS OR EXHIBIT LOBBY AREAS.
 8. REFER TO DRAWING SERIES EPL-1 AND EPL-2 FOR LOCATION OF ALL MECHANICAL EQUIPMENT. COORDINATE EXACT LOCATION WITH DIVISION 22 AND 23 (TYP).
- SHEET NOTES:**
- ① PROVIDE GROUND FAULT INDICATION PER CONDUCTOR FOR REMOTE ALARM.



EMERGENCY GENERATOR DISTRIBUTION PANEL EGD-2
LOCATED IN GENERATOR ROOM 338



EXPANSION AND RENOVATION
TO THE
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PENNSYLVANIA CONVENTION CENTER AUTHORITY
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Job No: 408-NO
Drawn By: DRAWN BY: NSH
Checked By: CHECKED BY: ML
Date: DATE
Scale: SCALE

Drawing Title: AS-6-215-78-7-59
07/23/09
AS-101: 10/21/10

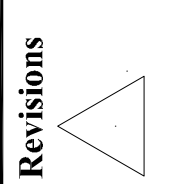
**SINGLE LINE DIAGRAM
STANDBY EMERG**

Sheet No.

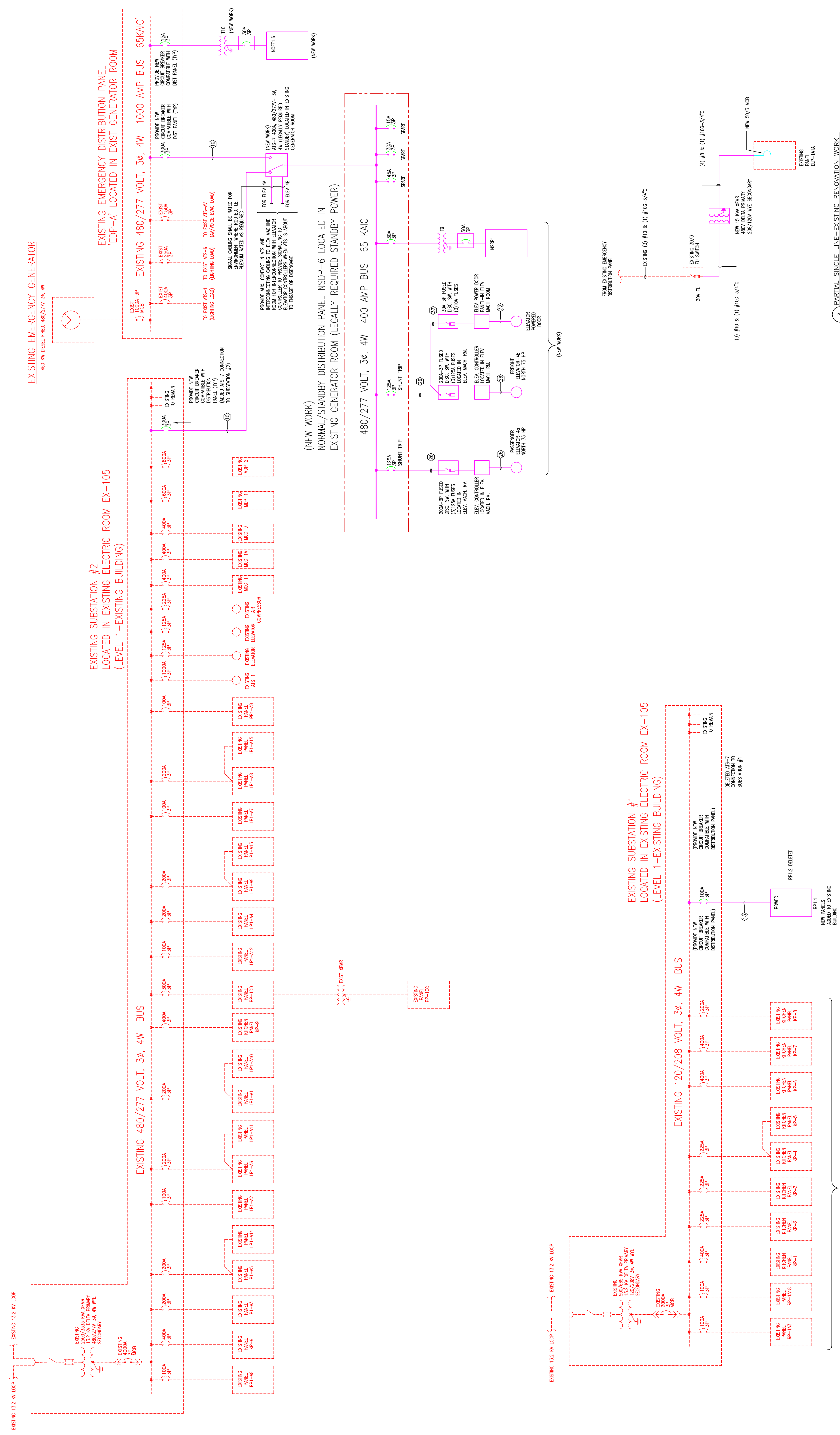
EP315

RECORD DRAWINGS
The Heating JV

AS-BUILT DRAWING



- GENERAL NOTES:**
1. ALL CIRCUIT BREAKERS ARE 3-POLE UNLESS NOTED.
 2. REFER TO DRAWING EX-101 FOR SINGLE LINE DIAGRAM.
 3. ALL NOTED BREAKER AND CONTACT SIZES ARE INDICATED ON THE TITLES SCHEDULE UNLESS OTHERWISE NOTED.
 4. ALL BREAKERS AND CONTACTS ARE TO BE INSTALLED AND ADJUSTED TO THE LOCATION OF ALL PANELS UNLESS OTHERWISE NOTED.
 5. ALL BREAKERS AND CONTACTS ARE TO BE INSTALLED AND ADJUSTED TO THE LOCATION OF ALL PANELS UNLESS OTHERWISE NOTED.
 6. REFER TO PANEL SCHEDULE FOR THE LOCATION OF ALL PANELS UNLESS OTHERWISE NOTED.
 7. REFER TO PANEL SCHEDULE FOR THE LOCATION OF ALL PANELS UNLESS OTHERWISE NOTED.
 8. REFER TO PANEL SCHEDULE FOR THE LOCATION OF ALL PANELS UNLESS OTHERWISE NOTED.



2 SINGLE LINE DIAGRAM-EXISTING RENOVATION WORK

3 PARTIAL SINGLE LINE-EXISTING RENOVATION WORK

EXPANSION AND RENOVATION
 TO THE
PENNSYLVANIA CONVENTION CENTER
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 PENNSYLVANIA CONVENTION CENTER AUTHORITY
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 Checked By: CHECKED BY: JML
 Date: DATE
 Plot Date: SCALE
 Scale: SCALE

Drawing Title:
 AS-C1
 AS-E3
 AS-I32

07/20/09
 04/22/10
 11/05/10

**SINGLE LINE
 DIAGRAM-EXISTING
 BUILDING WORK**

Sheet No.

EP316-GG

RECORD DRAWINGS
 The Leading JV

AS-BUILT DRAWING

Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
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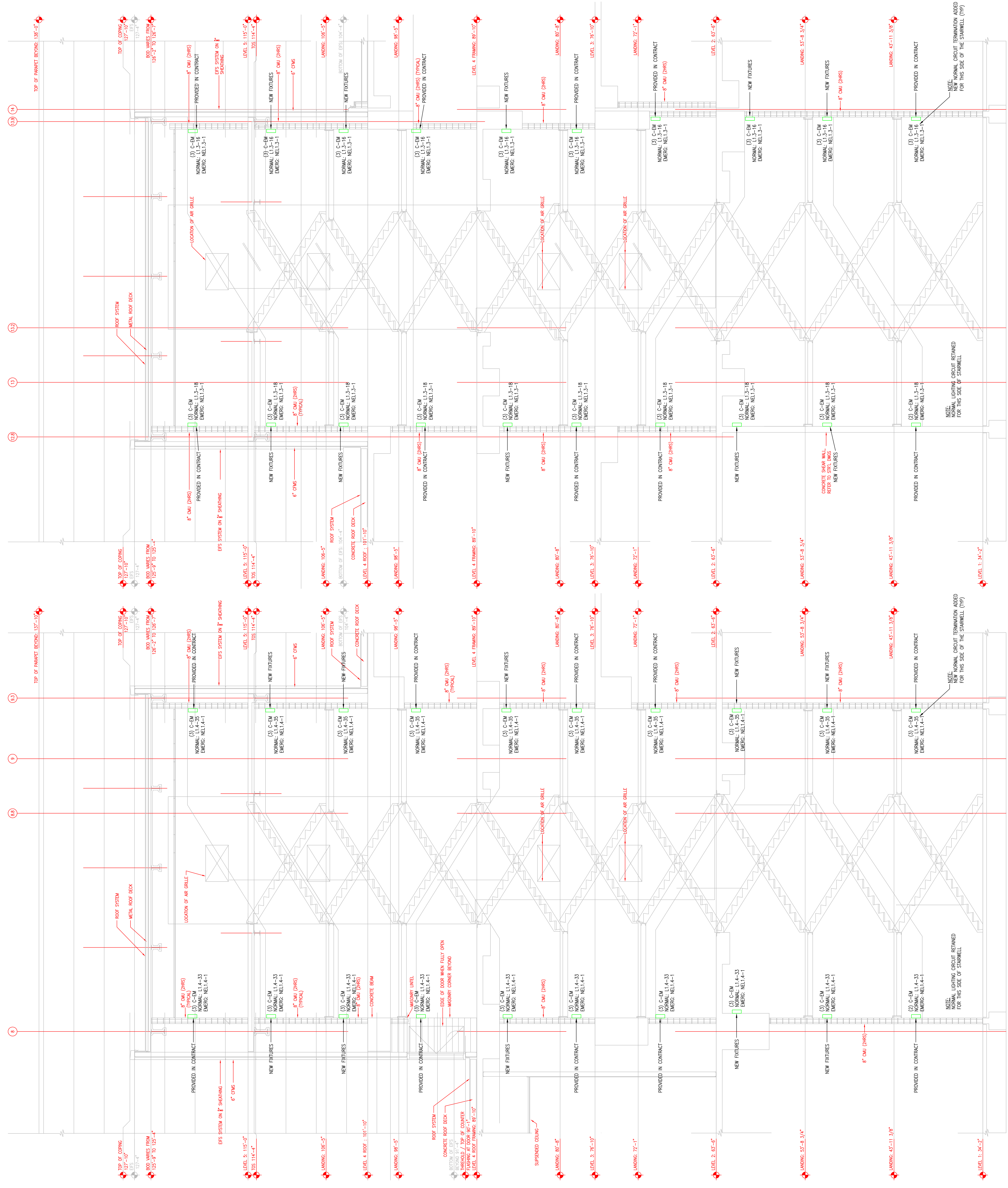
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Drawn By: DRAWN_BY_NSH
Checked By: CHECKED_BY_ML
Plot Date: DATE
Scale:

Drawing Title:
STAIRS A & B
SECTIONS
LIGHTING

Sheet No.
EP422

RECORD DRAWINGS
The Lighting IV

AS-BUILT DRAWING



A1 LONGITUDINAL SECTION: STAIR A - LIGHTING
SCALE: 1/4" = 1'-0"

A2 LONGITUDINAL SECTION: STAIR B - LIGHTING
SCALE: 1/4" = 1'-0"

Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
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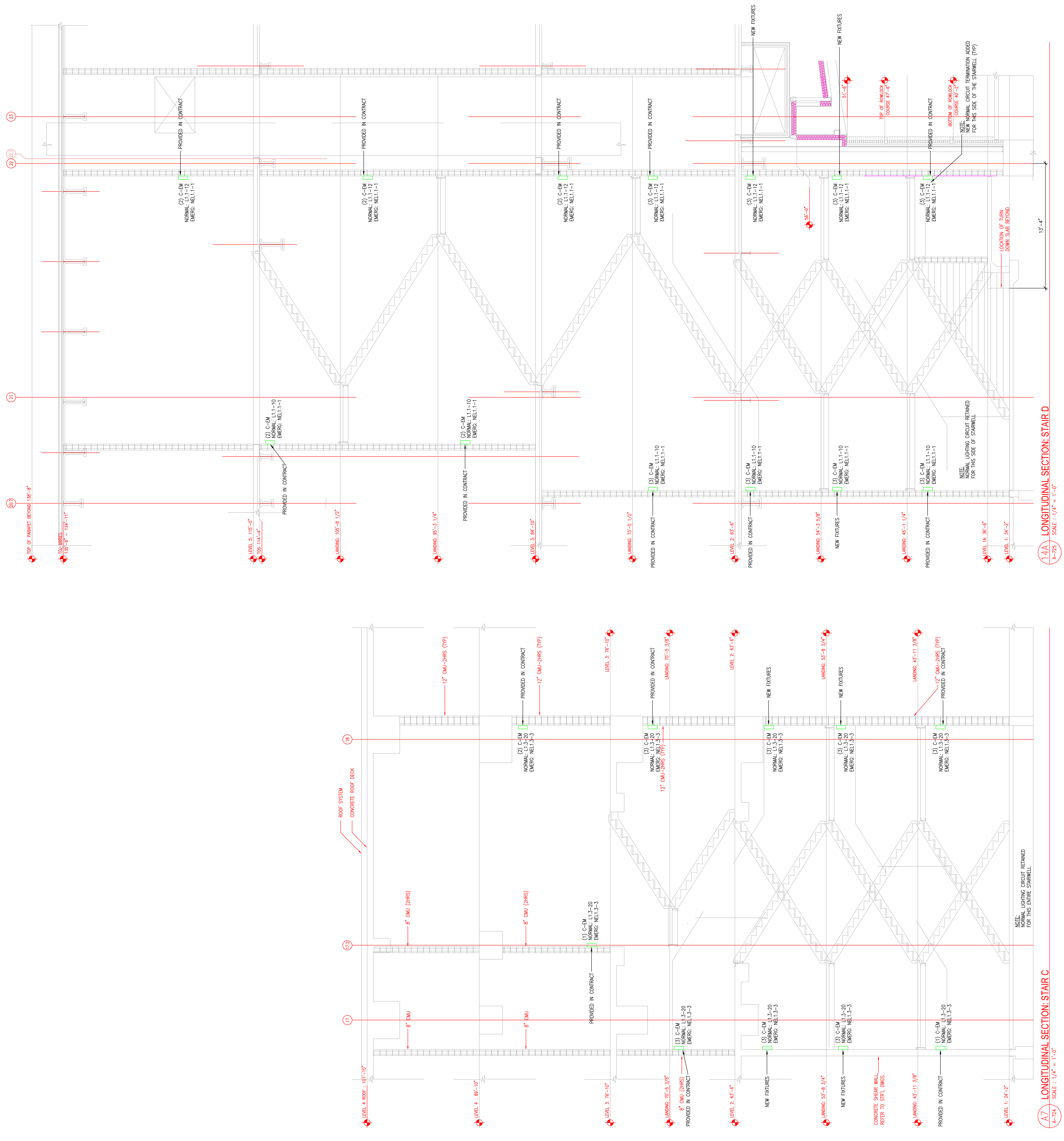
Job No: JOR-NO
Drawn By: DRAWN BY_NSH
Checked By: CHECKED_BY_MIL
Date: _____
Scale: _____

Drawing Title:
**STAIRS C & D
SECTIONS
LIGHTING**

Sheet No.
EP423-GG

RECORD DRAWINGS
The Keating JV

AS-BUILT DRAWING



Scale

Revisions

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
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Drawn By: DRAWN BY_NSH
Checked By: CHECKED_BY_MIL
Date: _____
Scale: _____

Drawing Title:
**STAIRS C & D
SECTIONS
LIGHTING**

Sheet No.
EP423-GG

Revisions

EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
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 Drawn By: DRAWN BY: NSH
 Checked By: CHECKED BY: ML
 Date: DATE
 Scale: SCALE

Drawing Title:

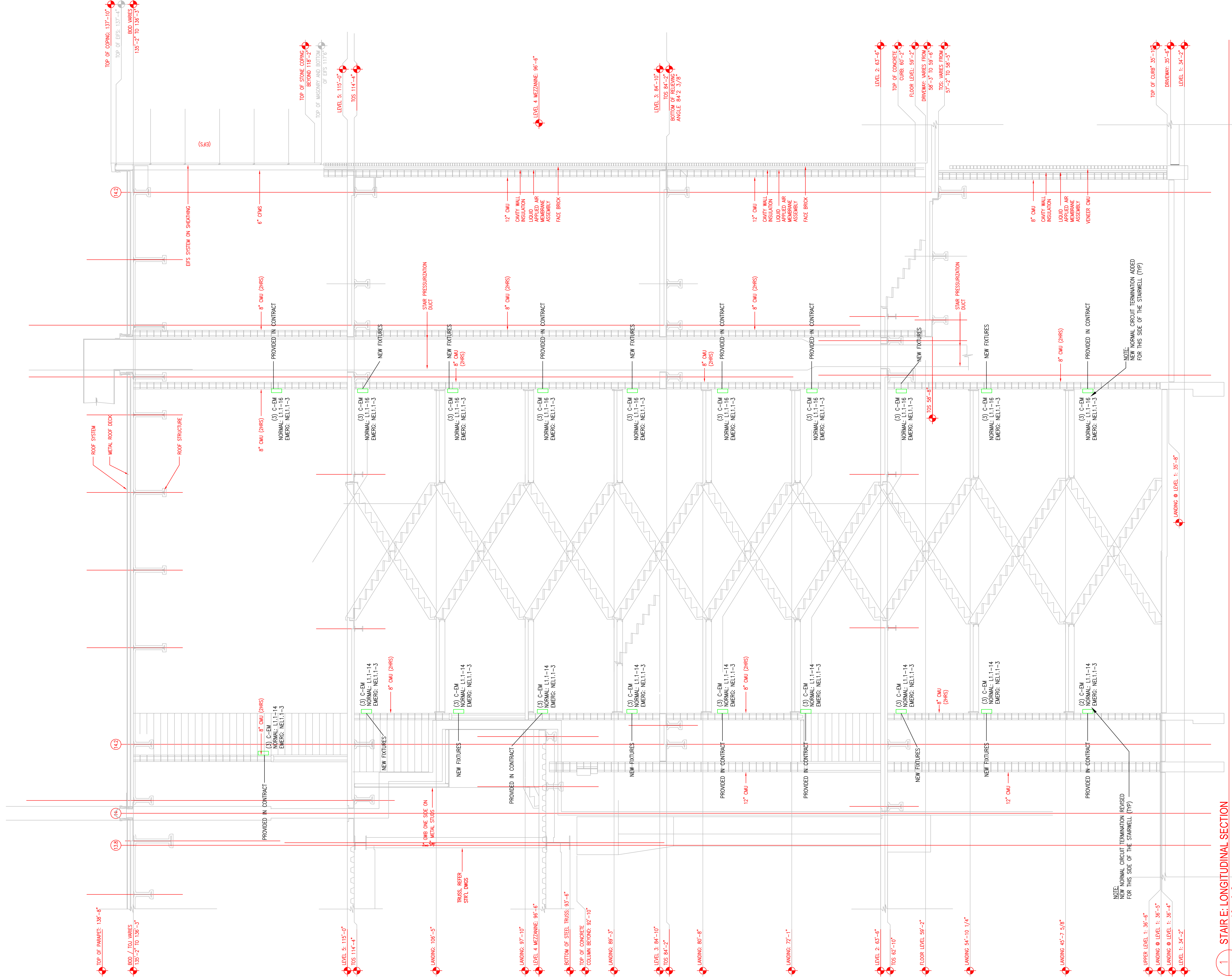
STAIRS E
 SECTIONS
 LIGHTING

Sheet No.

EP424-GG

RECORD DRAWINGS
 The Keating IV

AS-BUILT DRAWING





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Job No: 100-00
Drawn By: DRAMAN BY ANSH SR.
Checked By: DATE 12-20-10
Scale: SCALE
Drawing Title: POWER PANEL SCHEDULES

POWER PANEL SCHEDULES

BRANCH CIRCUIT WIRING SCHEDULE FOR 20A, 120V CIRCUITS

Table with columns: LENGTH OF RUN (FEET), CIRCUIT CONDUCTOR SIZE (AWG), and other electrical specifications.

LEGEND: LCB = LOCKED-ON CIRCUIT BREAKER, D = DEICATED, GH = BREAKER WITH GROUND FAULT CIRCUIT INTERRUPTER

PANEL SCHEDULE ABBREVIATIONS

- 1. ELECTRICAL CONTRACTOR BETWEEN THE PHASES
2. WIRING SHALL BE 2% ON BRANCH FEEDERS AND 3% ON BRANCH CIRCUITS

PANEL SCHEDULE GENERAL NOTES

REMARKS: - - -

EXPANSION AND RENOVATION TO THE PENNSYLVANIA CONVENTION CENTER 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

REMARKS: - - -

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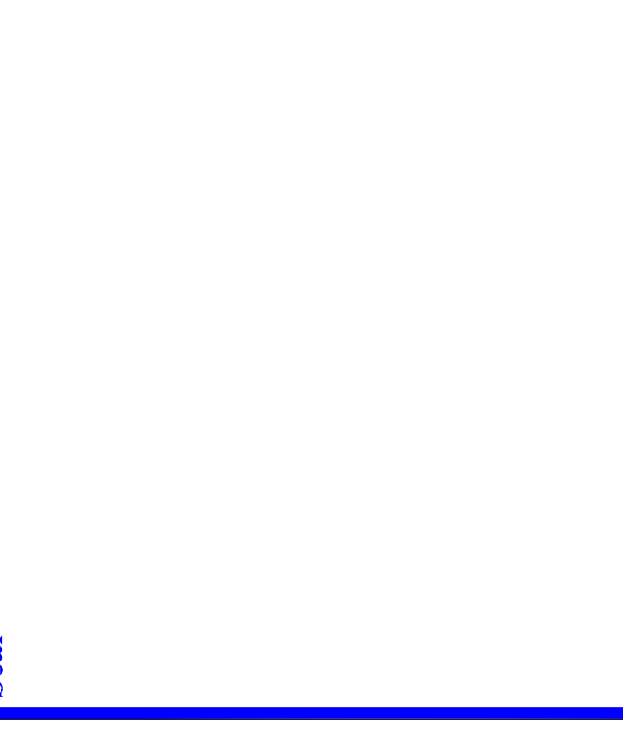
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170-A LORETTA AVE.
Fenestville, PA. 19643
610-332-2432 FAX
E-Mail: gordongroup.electrical.com

John No. 1008 NS
John No. 1008 NS
Checked By: DRANN, RYAN-SH
Date: DATE-12-20-10
Scale: SCALE
Drawing Title: POWER PANEL SCHEDULES

REVISIONS

EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107

RECEPTACLE MISC POWER PANEL									
120/208 VAC									
BUILDING: PA CONVENTION CENTER									
FLOOR: LEVEL 2									
ROOM: ELEC ROOM 222									
BUS 100 A COPPER									
MIN LUGS ONLY									
SURFACE MOUNTED									
BOLTED BRANCH C.B.									
PLUG-IN BRANCH C.B.									
TOTAL CONNECTED LOAD									
REMARKS: - - -									
NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CONDUIT TYPE	PHASE	LOAD (A)	MINIMUM WIRE SIZE (")	CIRCUIT DESCRIPTION	NOT	NO
1	REC-EXHIBIT HALL ENTRY 202	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-EXHIBIT HALL ENTRY 202	2	42
3	REC-EXHIBIT HALL D. STAR A	2#12, 1#120	20A-1P	1,1	72	20A-1P	ELECTRIC WATER COOLERS EXHIBIT HALL	4	4
5	REC-ARCH STREET CONCOURSE 231	2#12, 1#120	20A-1P	1,1	72	20A-1P	ELECTRIC WATER COOLERS CONCOURSE 231	6	6
6	REC-ARCH STREET CONCOURSE 231	2#12, 1#120	20A-1P	1,1	72	20A-1P	ELECTRIC WATER COOLERS CONCOURSE 231	6	6
9	RECEP-MAIN 24A	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-MAIN 24A	10	10
11	RECEP-STAR B & EXHIBIT HALL	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-STAR B & EXHIBIT HALL	12	12
13	AUTODESKOR SHMS/TOILETS	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-ARCH STREET CONCOURSE 231	14	14
15	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
17	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
19	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
21	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
23	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
25	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
27	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
29	LED MISC-7 EMER-ATRIUM 101 SOUTH	2#12, 1#120	20A-1P	1,1	72	20A-1P	AUTODESKOR SHMS/TOILETS	16	16
31	ELECTRIC WATER HEATER EHM-12	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-ESC-C & LIGHTS	30	30
33	2 KW-MAIN 235 HEATER EHM-13	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-ESC-C & LIGHTS	30	30
35	2 KW-MAIN 235 HEATER EHM-13	2#12, 1#120	20A-1P	1,1	72	20A-1P	REC-ESC-C & LIGHTS	30	30
37	ELECTRIC WATER HEATER EHM-14	2#12, 1#120	20A-1P	1,1	72	20A-1P	DIGITAL STORAGE-LEVEL 2 SOUTH	38	38
39	ELECTRIC WATER HEATER EHM-14	2#12, 1#120	20A-1P	1,1	72	20A-1P	DIGITAL STORAGE-LEVEL 2 SOUTH	38	38
41	1.5 KW-MAIN 242	2#12, 1#120	20A-1P	1,1	72	20A-1P	SPARE	40	42

RECEPTACLE MISC POWER PANEL									
120/208 VAC									
BUILDING: PA CONVENTION CENTER									
FLOOR: LEVEL 2									
ROOM: ELEC ROOM 238									
BUS 100 A COPPER									
MIN LUGS ONLY									
SURFACE MOUNTED									
BOLTED BRANCH C.B.									
PLUG-IN BRANCH C.B.									
TOTAL CONNECTED LOAD									
REMARKS: - - -									
NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CONDUIT TYPE	PHASE	LOAD (A)	MINIMUM WIRE SIZE (")	CIRCUIT DESCRIPTION	NOT	NO
1	RECEP-ARCH ST. CONCOURSE 231	2#12, 1#120	20A-1P	1,1	54	20A-1P	REC-STORAGE 238, EXHIBIT HALL	2	2
3	RECEP-ARCH ST. CONCOURSE 231	2#12, 1#120	20A-1P	1,1	54	20A-1P	REC-STORAGE 238, EXHIBIT HALL	2	2
5	RECEP-ARCH ST. CONC	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-MEN 23A, WOMEN 23A, EX HALL	4	4
7	RECEP-ARCH ST. CONC	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-MEN 23A, WOMEN 23A, EX HALL	4	4
9	ELECTRIC WATER COOLERS EXHIBIT HALL	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-FIRST AID 235	6	6
11	ELECTRIC WATER COOLERS EXHIBIT HALL	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-FIRST AID 235	6	6
13	AUTODESKOR SHMS/TOILETS	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-ARCH STREET CONCOURSE 231	10	10
15	LTC-PUBLIC TELEPHONE	2#12, 1#120	20A-1P	1,1	720	20A-1P	REC-ARCH STREET CONCOURSE 231	10	10
17	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	AUTODESKOR SHMS/TOILETS	12	12
19	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
21	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
23	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
25	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
27	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
29	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
31	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
33	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
35	SPARE	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
37	ELECTRIC WATER HEATER EHM-15	2#12, 1#120	20A-1P	1,1	720	20A-1P	UPS-ELEC ROOM EX037	14	14
39	4 KW-MAIN 234A	2#12, 1#120	20A-1P	1,1	4.0	2P	UPS-ELEC ROOM EX037	14	14
41	CONNECTION STAND SIGN LIGHT	2#12, 1#120	20A-1P	1,1	3P	2P	UPS-ELEC ROOM EX037	14	14

CONNECTION STAND POWER PANEL									
120/208 VAC									
BUILDING: PA CONVENTION CENTER									
FLOOR: ELEC ROOM 205									
ROOM: CONNEXION STAND 205									
BUS 225 A COPPER									
MIN LUGS ONLY									
SURFACE MOUNTED									
BOLTED BRANCH C.B.									
PLUG-IN BRANCH C.B.									
TOTAL CONNECTED LOAD									
REMARKS: - - -									
NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CONDUIT TYPE	PHASE	LOAD (A)	MINIMUM WIRE SIZE (")	CIRCUIT DESCRIPTION	NOT	NO
1	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
3	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
5	SPARE	2#12, 1#120	20A-1P	1,1	40A	2P	SPARE	8	8
7	SPARE	2#12, 1#120	20A-1P	1,1	40A	2P	SPARE	8	8
9	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	10	10
11	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	12	12
13	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	14	14
15	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	16	16
17	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	18	18
19	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	20	20
21	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	22	22
23	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	24	24
25	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	26	26
27	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	28	28
29	ELECTRIC WATER HEATER-EHM-19	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	30	30
31	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	32	32
33	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	34	34
35	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	36	36
37	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	38	38
39	CONNECTION STAND SIGN LIGHT	2#12, 1#120	20A-1P	1,1	60A	2P	SPARE	40	40
41	CONNECTION STAND SIGN LIGHT	2#12, 1#120	20A-1P	1,1	60A	2P	SPARE	40	42

CONNECTION STAND POWER PANEL									
120/208 VAC									
BUILDING: PA CONVENTION CENTER									
FLOOR: ELEC ROOM 205									
ROOM: CONNEXION STAND 205									
BUS 225 A COPPER									
MIN LUGS ONLY									
SURFACE MOUNTED									
BOLTED BRANCH C.B.									
PLUG-IN BRANCH C.B.									
TOTAL CONNECTED LOAD									
REMARKS: - - -									
NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CONDUIT TYPE	PHASE	LOAD (A)	MINIMUM WIRE SIZE (")	CIRCUIT DESCRIPTION	NOT	NO
1	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
3	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
5	SPARE	2#12, 1#120	20A-1P	1,1	40A	2P	SPARE	8	8
7	SPARE	2#12, 1#120	20A-1P	1,1	40A	2P	SPARE	8	8
9	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	10	10
11	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	12	12
13	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	14	14
15	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	16	16
17	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	18	18
19	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	20	20
21	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	22	22
23	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	24	24
25	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	26	26
27	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	28	28
29	ELECTRIC WATER HEATER-EHM-18	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	30	30
31	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	32	32
33	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	34	34
35	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	36	36
37	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	38	38
39	FOOD STORAGE 220	2#12, 1#120	20A-1P	1,1	12.0	2P	SPARE	40	40
41	FOOD STORAGE 220	2#12, 1#120	20A-1P	1,1	12.0	2P	SPARE	40	42

RECEPTACLE MISC POWER PANEL									
120/208 VAC									
BUILDING: PA CONVENTION CENTER									
FLOOR: ELEC ROOM 206									
ROOM: CONNEXION STAND 206									
BUS 225 A COPPER									
MIN LUGS ONLY									
SURFACE MOUNTED									
BOLTED BRANCH C.B.									
PLUG-IN BRANCH C.B.									
TOTAL CONNECTED LOAD									
REMARKS: - - -									
NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CONDUIT TYPE	PHASE	LOAD (A)	MINIMUM WIRE SIZE (")	CIRCUIT DESCRIPTION	NOT	NO
1	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
3	SPARE	2#12, 1#120	20A-1P	1,1	30A	2P	SPARE	2	4
5	SPARE	2#12, 1#120	20A-1P	1,1					



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 E-Mail: gordongroup@electric.com

Job No. 100830
 Drawn By: DRAWN, BY NISH
 Checked By: CHECKED, BY
 Date: DATE, 12-21-10
 Plot Date:
 Scale:
 Drawing Title:

EXHIBIT HALL
 PANEL
 SCHEDULES

RECORD DRAWINGS
 The Heating IV

PANEL SCHEDULE GENERAL NOTES

- ELECTRICAL CONTRACTOR SHALL VERIFY ALL LOADS BETWEEN THE PHASES.
- MAXIMUM ALLOWABLE VOLTAGE DROP SHALL BE 3% ON BRANCH CIRCUITS.

PANEL SCHEDULE ABBREVIATIONS

LB = LOCKED-ON CIRCUIT BREAKER
 0 = DEDICATED
 01 = BREAKER WITH GROUND FAULT CIRCUIT INTERRUPTER

BRANCH CIRCUIT WIRING SCHEDULE FOR 20A, 120V CIRCUITS	LENGTH OF RUN (FEET)	CIRCUIT CONDUCTOR SIZE (AWG)
UP TO 80	12	10
80-150	10	10
150-200	8	10
200-250	8	10
MORE THAN 250	6	10

EXHIBIT HALL PANEL
 BUILDING: PA CONVENTION CENTER
 FLOOR: EXHIBIT HALL 106, COLUMN B-10
 ROOM: EXHIBIT HALL 106, COLUMN B-10

RH1.3

Ckt No	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (")	CIRCUIT BREAKER (A/B/C)	CIRCUIT LOAD (A/B/C)	CIRCUIT TYPE	CIRCUIT DESCRIPTION	NO	BUS 400 A COPPER	
								MINIMUM WIRE SIZE (")	LOAD (A/B/C)
1	FLOOR BOX EMB-2	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-2	2	22 VA RMS SYM	57.6 VA
2	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	6	400 A MIN C.B.	97.6 VA
3	FLOOR BOX EMB-1	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-1	7	FLUSH MOUNTED	97.6 VA
4	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	8	FLUSH MOUNTED	97.6 VA
5	FLOOR BOX EMB-1	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-1	9	FLUSH MOUNTED	97.6 VA
6	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	10	FLUSH MOUNTED	97.6 VA
7	FLOOR BOX EMB-2	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-2	11	FLUSH MOUNTED	97.6 VA
8	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	12	FLUSH MOUNTED	97.6 VA
9	FLOOR BOX EMB-1	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-1	13	FLUSH MOUNTED	97.6 VA
10	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	14	FLUSH MOUNTED	97.6 VA
11	FLOOR BOX EMB-2	4#2, 1#5	100A	28.8	SP	FLOOR BOX EMB-2	15	FLUSH MOUNTED	97.6 VA
12	PNV/SLEEVE RECEIPTABLE	4#2, 1#5	100A	28.8	SP	PNV/SLEEVE RECEIPTABLE	16	FLUSH MOUNTED	97.6 VA
13	01 REC-COLUMN	2#12, 1#120	20A-1P	18	SP	01 REC-COLUMN	17	FLUSH MOUNTED	97.6 VA
14	SPARE				SP	SPARE	18	FLUSH MOUNTED	97.6 VA
15	SPARE				SP	SPARE	19	FLUSH MOUNTED	97.6 VA
16	SPARE				SP	SPARE	20	FLUSH MOUNTED	97.6 VA
17	SPARE				SP	SPARE	21	FLUSH MOUNTED	97.6 VA
18	SPARE				SP	SPARE	22	FLUSH MOUNTED	97.6 VA
19	SPARE				SP	SPARE	23	FLUSH MOUNTED	97.6 VA
20	SPARE				SP	SPARE	24	FLUSH MOUNTED	97.6 VA
21	SPARE				SP	SPARE	25	FLUSH MOUNTED	97.6 VA
22	SPARE				SP	SPARE	26	FLUSH MOUNTED	97.6 VA
23	SPARE				SP	SPARE	27	FLUSH MOUNTED	97.6 VA
24	SPARE				SP	SPARE	28	FLUSH MOUNTED	97.6 VA
25	SPARE				SP	SPARE	29	FLUSH MOUNTED	97.6 VA
26	SPARE				SP	SPARE	30	FLUSH MOUNTED	97.6 VA
27	SPARE				SP	SPARE	31	FLUSH MOUNTED	97.6 VA
28	SPARE				SP	SPARE	32	FLUSH MOUNTED	97.6 VA
29	SPARE				SP	SPARE	33	FLUSH MOUNTED	97.6 VA
30	SPARE				SP	SPARE	34	FLUSH MOUNTED	97.6 VA
31	SPARE				SP	SPARE	35	FLUSH MOUNTED	97.6 VA
32	SPARE				SP	SPARE	36	FLUSH MOUNTED	97.6 VA
33	SPARE				SP	SPARE	37	FLUSH MOUNTED	97.6 VA
34	SPARE				SP	SPARE	38	FLUSH MOUNTED	97.6 VA
35	SPARE				SP	SPARE	39	FLUSH MOUNTED	97.6 VA
36	SPARE				SP	SPARE	40	FLUSH MOUNTED	97.6 VA
37	SPARE				SP	SPARE	41	FLUSH MOUNTED	97.6 VA
38	SPARE				SP	SPARE	42	FLUSH MOUNTED	97.6 VA
39	SPARE				SP	SPARE	43	FLUSH MOUNTED	97.6 VA
40	SPARE				SP	SPARE	44	FLUSH MOUNTED	97.6 VA
41	SPARE				SP	SPARE	45	FLUSH MOUNTED	97.6 VA
42	SPARE				SP	SPARE	46	FLUSH MOUNTED	97.6 VA
43	SPARE				SP	SPARE	47	FLUSH MOUNTED	97.6 VA
44	SPARE				SP	SPARE	48	FLUSH MOUNTED	97.6 VA
45	SPARE				SP	SPARE	49	FLUSH MOUNTED	97.6 VA
46	SPARE				SP	SPARE	50	FLUSH MOUNTED	97.6 VA
47	SPARE				SP	SPARE	51	FLUSH MOUNTED	97.6 VA
48	SPARE				SP	SPARE	52	FLUSH MOUNTED	97.6 VA
49	SPARE				SP	SPARE	53	FLUSH MOUNTED	97.6 VA
50	SPARE				SP	SPARE	54	FLUSH MOUNTED	97.6 VA
51	SPARE				SP	SPARE	55	FLUSH MOUNTED	97.6 VA
52	SPARE				SP	SPARE	56	FLUSH MOUNTED	97.6 VA
53	SPARE				SP	SPARE	57	FLUSH MOUNTED	97.6 VA
54	SPARE				SP	SPARE	58	FLUSH MOUNTED	97.6 VA
55	SPARE				SP	SPARE	59	FLUSH MOUNTED	97.6 VA
56	SPARE				SP	SPARE	60	FLUSH MOUNTED	97.6 VA
57	SPARE				SP	SPARE	61	FLUSH MOUNTED	97.6 VA
58	SPARE				SP	SPARE	62	FLUSH MOUNTED	97.6 VA
59	SPARE				SP	SPARE	63	FLUSH MOUNTED	97.6 VA
60	SPARE				SP	SPARE	64	FLUSH MOUNTED	97.6 VA
61	SPARE				SP	SPARE	65	FLUSH MOUNTED	97.6 VA
62	SPARE				SP	SPARE	66	FLUSH MOUNTED	97.6 VA
63	SPARE				SP	SPARE	67	FLUSH MOUNTED	97.6 VA
64	SPARE				SP	SPARE	68	FLUSH MOUNTED	97.6 VA
65	SPARE				SP	SPARE	69	FLUSH MOUNTED	97.6 VA
66	SPARE				SP	SPARE	70	FLUSH MOUNTED	97.6 VA
67	SPARE				SP	SPARE	71	FLUSH MOUNTED	97.6 VA
68	SPARE				SP	SPARE	72	FLUSH MOUNTED	97.6 VA
69	SPARE				SP	SPARE	73	FLUSH MOUNTED	97.6 VA
70	SPARE				SP	SPARE	74	FLUSH MOUNTED	97.6 VA
71	SPARE				SP	SPARE	75	FLUSH MOUNTED	97.6 VA
72	SPARE				SP	SPARE	76	FLUSH MOUNTED	97.6 VA
73	SPARE				SP	SPARE	77	FLUSH MOUNTED	97.6 VA
74	SPARE				SP	SPARE	78	FLUSH MOUNTED	97.6 VA
75	SPARE				SP	SPARE	79	FLUSH MOUNTED	97.6 VA
76	SPARE				SP	SPARE	80	FLUSH MOUNTED	97.6 VA
77	SPARE				SP	SPARE	81	FLUSH MOUNTED	97.6 VA
78	SPARE				SP	SPARE	82	FLUSH MOUNTED	97.6 VA
79	SPARE				SP	SPARE	83	FLUSH MOUNTED	97.6 VA
80	SPARE				SP	SPARE	84	FLUSH MOUNTED	97.6 VA
81	SPARE				SP	SPARE	85	FLUSH MOUNTED	97.6 VA
82	SPARE				SP	SPARE	86	FLUSH MOUNTED	97.6 VA
83	SPARE				SP	SPARE	87	FLUSH MOUNTED	97.6 VA
84	SPARE				SP	SPARE	88	FLUSH MOUNTED	97.6 VA
85	SPARE				SP	SPARE	89	FLUSH MOUNTED	97.6 VA
86	SPARE				SP	SPARE	90	FLUSH MOUNTED	97.6 VA
87	SPARE				SP	SPARE	91	FLUSH MOUNTED	97.6 VA
88	SPARE				SP	SPARE	92	FLUSH MOUNTED	97.6 VA
89	SPARE				SP	SPARE	93	FLUSH MOUNTED	97.6 VA
90	SPARE				SP	SPARE	94	FLUSH MOUNTED	97.6 VA
91	SPARE				SP	SPARE	95	FLUSH MOUNTED	97.6 VA
92	SPARE				SP	SPARE	96	FLUSH MOUNTED	97.6 VA
93	SPARE				SP	SPARE	97	FLUSH MOUNTED	97.6 VA
94	SPARE				SP	SPARE	98	FLUSH MOUNTED	97.6 VA
95	SPARE				SP	SPARE	99	FLUSH MOUNTED	97.6 VA
96	SPARE				SP	SPARE	100	FLUSH MOUNTED	97.6 VA
97	SPARE				SP	SPARE	101	FLUSH MOUNTED	97.6 VA
98	SPARE				SP	SPARE	102	FLUSH MOUNTED	97.6 VA
99	SPARE				SP	SPARE	103	FLUSH MOUNTED	97.6 VA
100	SPARE				SP	SPARE	104	FLUSH MOUNTED	97.6 VA
101	SPARE				SP	SPARE	105	FLUSH MOUNTED	97.6 VA
102	SPARE				SP	SPARE	106	FLUSH MOUNTED	97.6 VA
103	SPARE				SP	SPARE	107	FLUSH MOUNTED	97.6 VA
104	SPARE				SP	SPARE	108	FLUSH MOUNTED	97.6 VA
105	SPARE				SP	SPARE	109	FLUSH MOUNTED	97.6 VA
106	SPARE				SP	SPARE	110	FLUSH MOUNTED	97.6 VA
107	SPARE				SP	SPARE	111	FLUSH MOUNTED	97.6 VA
108	SPARE				SP	SPARE	112	FLUSH MOUNTED	97.6 VA
109	SPARE				SP	SPARE	113	FLUSH MOUNTED	97.6 VA
110	SPARE				SP	SPARE	114	FLUSH MOUNTED	97.6 VA
111	SPARE				SP	SPARE	115	FLUSH MOUNTED	97.6 VA
112	SPARE				SP	SPARE	116	FLUSH MOUNTED	97.6 VA
113	SPARE				SP	SPARE	117	FLUSH MOUNTED	97.6 VA
114	SPARE				SP	SPARE	118	FLUSH MOUNTED	97.6 VA
115	SPARE				SP	SPARE	119	FLUSH MOUNTED	97.6 VA
116	SPARE				SP	SPARE	120	FLUSH MOUNTED	97.6 VA
117	SPARE				SP	SPARE	121	FLUSH MOUNTED	97.6 VA
118	SPARE				SP	SPARE	122	FLUSH MOUNTED	97.6 VA
119	SPARE				SP	SPARE	123	FLUSH MOUNTED	97.6 VA
120	SPARE				SP	SPARE	124	FLUSH MOUNTED	97.6 VA
121	SPARE				SP	SPARE	125	FLUSH MOUNTED	97.6 VA
122	SPARE				SP	SPARE	126	FLUSH MOUNTED	97.6 VA
123	SPARE				SP	SPARE	127	FLUSH MOUNTED	97.6 VA
124	SPARE				SP	SPARE	128	FLUSH MOUNTED	97.6 VA
125	SPARE				SP	SPARE	129	FLUSH MOUNTED	97.6 VA
126	SPARE				SP	SPARE	130	FLUSH MOUNTED	97.6 VA
127	SPARE				SP	SPARE	131	FLUSH MOUNTED	97.



Job No: 100180
Drawn By: DRAWN, RYAN-ASHI
Checked By: CHECKED, BY
Date: DATE-12/1/00
Scale: SCALE

EXHIBIT HALL
SCHEDULES

12/14/00

EP511-GG

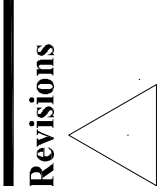
EXHIBIT HALL PANEL		120/208 VAC		BUS 400 A COPPER		22 KA RMS SYM	
BUILDING: PA CONVENTION CENTER		FLOOR: LEVEL 2		MIN LUGS ONLY		400 A MAIN C.B.	
ROOM: EXHIBIT HALL 20-, COLUMN T-11		3 PHASE		SURFACE MOUNTED		FLUSH MOUNTED	
RH2.3		4 WIRE + GND		BULDED BRANCH C.B.		PUG-IN BRANCH C.B.	
Ckt No	Circuit Description	Minimum Wire Size (")	Circuit Breaker (A/B/C)	Conductor Size (")	Minimum Wire Size (")	Circuit Description	Ckt No
1	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	1
2	SPARE					SPARE	2
3	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	3
4	SPARE					SPARE	4
5	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	5
6	SPARE					SPARE	6
7	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	7
8	SPARE					SPARE	8
9	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	9
10	SPARE					SPARE	10
11	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	11
12	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	12
13	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	13
14	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	14
15	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	15
16	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	16
17	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	17
18	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	18
19	SPACE					SPACE	19
20	SPACE					SPACE	20
21	SPACE					SPACE	21
22	SPACE					SPACE	22
23	SPACE					SPACE	23
24	SPACE					SPACE	24
REMARKS: - - - - -							
LIGHTING RECEPTACLES		0.18	KVA	HEATING RECEPTACLES	0.18	KVA	WESCELLANDS
AC				AC			
TOTAL CONNECTED LOAD		86.4 KVA		240.0 A			

EXHIBIT HALL PANEL		120/208 VAC		BUS 400 A COPPER		22 KA RMS SYM	
BUILDING: PA CONVENTION CENTER		FLOOR: LEVEL 2		MIN LUGS ONLY		400 A MAIN C.B.	
ROOM: EXHIBIT HALL 20-, COLUMN T-14		3 PHASE		SURFACE MOUNTED		FLUSH MOUNTED	
RH2.6		4 WIRE + GND		BULDED BRANCH C.B.		PUG-IN BRANCH C.B.	
Ckt No	Circuit Description	Minimum Wire Size (")	Circuit Breaker (A/B/C)	Conductor Size (")	Minimum Wire Size (")	Circuit Description	Ckt No
1	PNV/SLEEVE RECEPTACLE EHB-2B	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	1
2	SPARE					SPARE	2
3	PNV/SLEEVE RECEPTACLE EHB-2B	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	3
4	SPARE					SPARE	4
5	PNV/SLEEVE RECEPTACLE EHB-2B	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	5
6	SPARE					SPARE	6
7	PNV/SLEEVE RECEPTACLE EHB-2B	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	7
8	SPARE					SPARE	8
9	PNV/SLEEVE RECEPTACLE EHB-2B	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	9
10	SPARE					SPARE	10
11	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	11
12	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	12
13	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	13
14	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	14
15	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	15
16	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	16
17	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	17
18	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	18
19	SPACE					SPACE	19
20	SPACE					SPACE	20
21	SPACE					SPACE	21
22	SPACE					SPACE	22
23	SPACE					SPACE	23
24	SPACE					SPACE	24
REMARKS: - - - - -							
LIGHTING RECEPTACLES		0.18	KVA	HEATING RECEPTACLES	0.18	KVA	WESCELLANDS
AC				AC			
TOTAL CONNECTED LOAD		57.6 KVA		160.0 A			

EXHIBIT HALL PANEL		120/208 VAC		BUS 400 A COPPER		22 KA RMS SYM	
BUILDING: PA CONVENTION CENTER		FLOOR: LEVEL 2		MIN LUGS ONLY		400 A MAIN C.B.	
ROOM: EXHIBIT HALL 20-, COLUMN T-18		3 PHASE		SURFACE MOUNTED		FLUSH MOUNTED	
RH2.9		4 WIRE + GND		BULDED BRANCH C.B.		PUG-IN BRANCH C.B.	
Ckt No	Circuit Description	Minimum Wire Size (")	Circuit Breaker (A/B/C)	Conductor Size (")	Minimum Wire Size (")	Circuit Description	Ckt No
1	PNV/SLEEVE RECEPTACLE EHB-2	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	1
2	SPARE					SPARE	2
3	PNV/SLEEVE RECEPTACLE EHB-2	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	3
4	SPARE					SPARE	4
5	PNV/SLEEVE RECEPTACLE EHB-2	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	5
6	SPARE					SPARE	6
7	PNV/SLEEVE RECEPTACLE EHB-2	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	7
8	SPARE					SPARE	8
9	PNV/SLEEVE RECEPTACLE EHB-2	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-1	9
10	SPARE					SPARE	10
11	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	11
12	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	12
13	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	13
14	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	14
15	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	15
16	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	16
17	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	17
18	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	18
19	SPACE					SPACE	19
20	SPACE					SPACE	20
21	SPACE					SPACE	21
22	SPACE					SPACE	22
23	SPACE					SPACE	23
24	SPACE					SPACE	24
REMARKS: - - - - -							
LIGHTING RECEPTACLES		0.18	KVA	HEATING RECEPTACLES	0.18	KVA	WESCELLANDS
AC				AC			
TOTAL CONNECTED LOAD		86.4 KVA		240.0 A			

EXHIBIT HALL PANEL		120/208 VAC		BUS 400 A COPPER		22 KA RMS SYM	
BUILDING: PA CONVENTION CENTER		FLOOR: LEVEL 2		MIN LUGS ONLY		400 A MAIN C.B.	
ROOM: EXHIBIT HALL 20-, COLUMN T-23		3 PHASE		SURFACE MOUNTED		FLUSH MOUNTED	
RH2.12		4 WIRE + GND		BULDED BRANCH C.B.		PUG-IN BRANCH C.B.	
Ckt No	Circuit Description	Minimum Wire Size (")	Circuit Breaker (A/B/C)	Conductor Size (")	Minimum Wire Size (")	Circuit Description	Ckt No
1	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	1
2	SPARE					SPARE	2
3	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	3
4	SPARE					SPARE	4
5	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	5
6	SPARE					SPARE	6
7	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	7
8	SPARE					SPARE	8
9	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	9
10	SPARE					SPARE	10
11	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	11
12	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	12
13	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	13
14	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	14
15	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	15
16	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	16
17	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	17
18	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18	2#12, 1#120	ACTIVE-EQUIPMENT(TEL/DATA)	18
19	SPACE					SPACE	19
20	SPACE					SPACE	20
21	SPACE					SPACE	21
22	SPACE					SPACE	22
23	SPACE					SPACE	23
24	SPACE					SPACE	24
REMARKS: - - - - -							
LIGHTING RECEPTACLES		0.18	KVA	HEATING RECEPTACLES	0.18	KVA	WESCELLANDS
AC				AC			
TOTAL CONNECTED LOAD		86.8 KVA		240.5 A			

EXHIBIT HALL PANEL		120/208 VAC		BUS 400 A COPPER		22 KA RMS SYM	
BUILDING: PA CONVENTION CENTER		FLOOR: LEVEL 2		MIN LUGS ONLY		400 A MAIN C.B.	
ROOM: EXHIBIT HALL 20-, COLUMN T-8		3 PHASE		SURFACE MOUNTED		FLUSH MOUNTED	
RH2.15		4 WIRE + GND		BULDED BRANCH C.B.		PUG-IN BRANCH C.B.	
Ckt No	Circuit Description	Minimum Wire Size (")	Circuit Breaker (A/B/C)	Conductor Size (")	Minimum Wire Size (")	Circuit Description	Ckt No
1	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	1
2	SPARE					SPARE	2
3	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	3
4	SPARE					SPARE	4
5	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	5
6	SPARE					SPARE	6
7	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	7
8	SPARE					SPARE	8
9	PNV/SLEEVE RECEPTACLE EHB-1	4#2, 1#85	100A	2#8	4#2, 1#85	PNV/SLEEVE RECEPTACLE EHB-2	9
10	SPARE					SPARE	10
11	GT REC-COLUMN -	2#12, 1#120	20A-1P	18	2#12, 1#120	GT REC-COLUMN -	11
12	ACTIVE-EQUIPMENT(TEL/DATA)	2#12, 1#120	20A-1P	18			



EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER
PHILADELPHIA, PENNSYLVANIA 19107
1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
ONE PENNSYLVANIA CONVENTION CENTER PLACE
PHILADELPHIA, PENNSYLVANIA 19107



1701-A LORETTA AVE.
Pensacola, PA. 19653
215-253-2121
215-253-2122 FAX
E-Mail: gordongroup electric.com

Job No: 1008 NS
Drawn By: DRAWN, RN-ASHI
Checked By: DATE: 12-21-10
Date: DATE: 12-21-10
Scale: SCALE

Drawing Title:
EXHIBIT HALL
PANEL
SCHEDULES

Sheet No.
EP516-GG

PANEL SCHEDULE GENERAL NOTES
1. ELECTRICAL CONTRACTOR SHALL VERIFY ALL LOADS BETWEEN THE PHASES
2. MAXIMUM ALLOWABLE VOLTAGE DROP SHALL BE 2% ON BRANCH CIRCUITS AND 3% ON BRANCH CIRCUITS.
PANEL SCHEDULE ABBREVIATIONS
LDB = LOCKED-ON CIRCUIT BREAKER
D = DEDICATED
GR = BREAKER WITH GROUND FAULT CIRCUIT INTERRUPTER
BRANCH CIRCUIT WIRING SCHEDULE FOR 20A, 120V CIRCUITS
LENGTH OF RUN | CIRCUIT CONDUCTOR SIZE (AWG)
Up to 80' | 12
81-200' | 10
201-250' | 8
MORE THAN 250' | 6

RECORD DRAWINGS
The Leading IV

AS-BUILT DRAWING

EXHIBIT HALL PANEL
BUILDING: PA CONVENTION CENTER
FLOOR: 2ND
ROOM: EXHIBIT HALL 20-- COLUMN B-11
RH2.78

BUS: 400 A COPPER
MIN LUGS ONLY
SURFACE MOUNTED
BOULDED BRANCH C.B.
3 PHASE
4 WIRE W/ GND

120/208 V AC
CIRCUIT DESCRIPTION
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER

NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	NOTES
3	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-2	
5	SP					
6	SP					
7	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-2	
9	SP					
10	SP					
11	SP					
12	SP					
13	SP					
14	SP					
15	SP					
16	SP					
17	SP					
18	SP					
20	SP					
21	SP					
22	SP					
24	SP					

USING RECEPTACLES: - 0A HEATING - 0A WASTEWATER - 0A
TOTAL CONNECTED LOAD: 52.5 KW 100.1 A

EXHIBIT HALL PANEL
BUILDING: PA CONVENTION CENTER
FLOOR: 2ND
ROOM: EXHIBIT HALL 20-- COLUMN B-11
RH2.77

BUS: 400 A COPPER
MIN LUGS ONLY
SURFACE MOUNTED
BOULDED BRANCH C.B.
3 PHASE
4 WIRE W/ GND

120/208 V AC
CIRCUIT DESCRIPTION
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER

NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	NOTES
3	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
5	SP					
6	SP					
7	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
9	SP					
10	SP					
11	SP					
12	SP					
13	SP					
14	SP					
15	SP					
16	SP					
17	SP					
18	SP					
20	SP					
21	SP					
22	SP					
24	SP					

USING RECEPTACLES: 126 KW WASTEWATER 86.0 KW
TOTAL CONNECTED LOAD: 87.0 KW 204.1 A

EXHIBIT HALL PANEL
BUILDING: PA CONVENTION CENTER
FLOOR: 2ND
ROOM: EXHIBIT HALL 20-- COLUMN B-11
RH2.76

BUS: 400 A COPPER
MIN LUGS ONLY
SURFACE MOUNTED
BOULDED BRANCH C.B.
3 PHASE
4 WIRE W/ GND

120/208 V AC
CIRCUIT DESCRIPTION
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER

NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	NOTES
3	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
5	SP					
6	SP					
7	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
9	SP					
10	SP					
11	SP					
12	SP					
13	GR REC-COLUMN	2#12-THB	200A-1P	1#6		
14	SP					
15	SP					
16	SP					
17	SP					
18	SP					
20	SP					
21	SP					
22	SP					
24	SP					

USING RECEPTACLES: - 0A HEATING - 0A WASTEWATER - 0A
TOTAL CONNECTED LOAD: 86.4 KW 240 A

EXHIBIT HALL PANEL
BUILDING: PA CONVENTION CENTER
FLOOR: 2ND
ROOM: EXHIBIT HALL 20-- COLUMN B-11
RH2.79

BUS: 400 A COPPER
MIN LUGS ONLY
SURFACE MOUNTED
BOULDED BRANCH C.B.
3 PHASE
4 WIRE W/ GND

120/208 V AC
CIRCUIT DESCRIPTION
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER
MINIMUM WIRE SIZE (AWG)
CIRCUIT BREAKER

NO	CIRCUIT DESCRIPTION	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	MINIMUM WIRE SIZE (AWG)	CIRCUIT BREAKER	NOTES
3	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
5	SP					
6	SP					
7	PNV/SLEEVE RECEPTACLE EMB-1	4#2-THB	100A	4#2-THB	PNV/SLEEVE RECEPTACLE EMB-1	
9	SP					
10	SP					
11	SP					
12	SP					
13	GR REC-COLUMN	2#12-THB	200A-1P	1#6		ACTIVE EQUIPMENT (TEL/DATA)
14	SP					REC-NW EXIB HALL
15	SP					
16	SP					
17	SP					
18	SP					
20	SP					
21	SP					
22	SP					
24	SP					

USING RECEPTACLES: 61.8 KW WASTEWATER 86.4 KW
TOTAL CONNECTED LOAD: 86.8 KW 240.3 A

PA.C.C.



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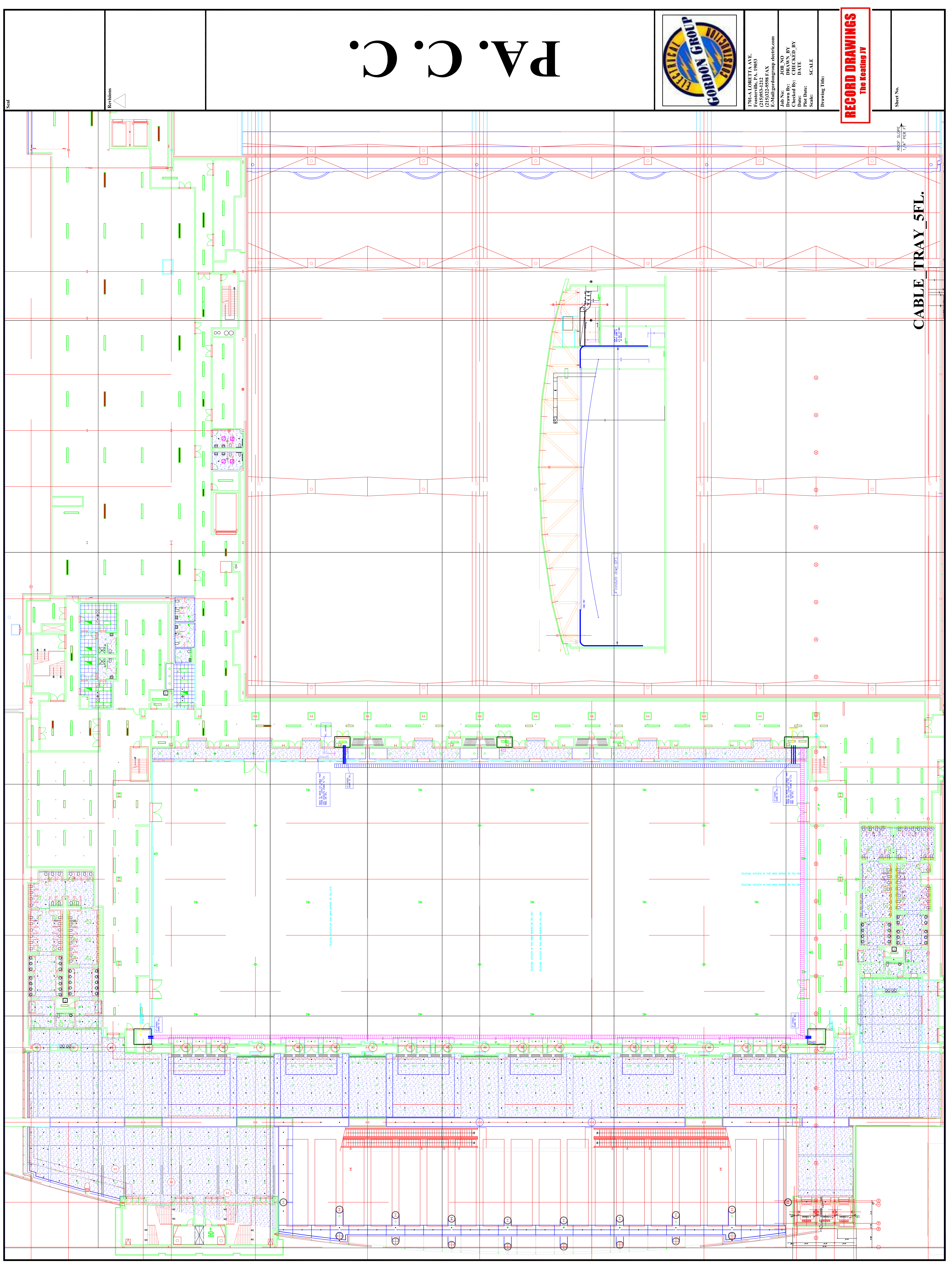
Job No. 100830
Drawn By: DRANS, BY
Checked By: CHECKED, BY
Date: DATE
Plot Date: SCALE
Drawing Title:

RECORD DRAWINGS
The Keating JV

Sheet No.

CABLE TRAY_5FL.

ROOF SLOPE
1/4" PER FT



Revisions

Seal

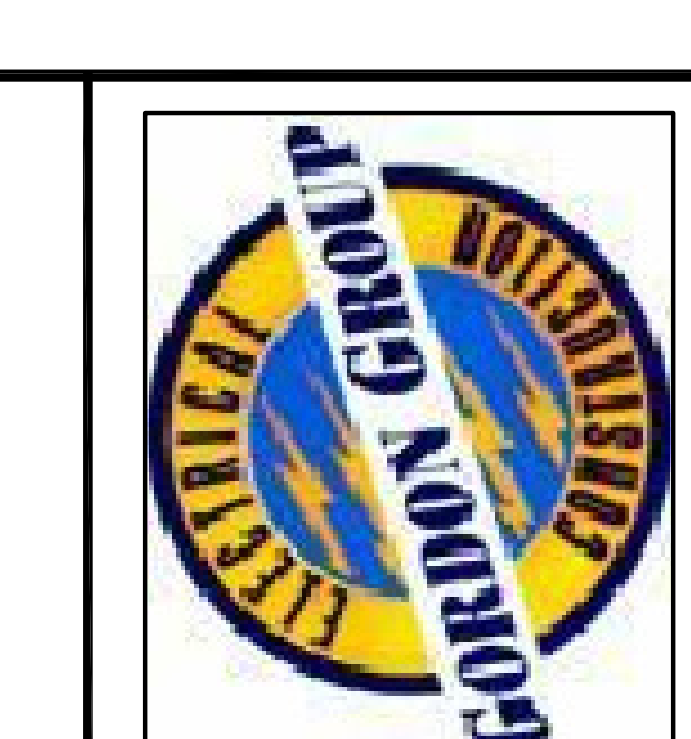
Scale
1/4"=1'

Revisions

**EXPANSION AND RENOVATION
TO THE
PENNSYLVANIA CONVENTION CENTER**

1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107

PENNSYLVANIA CONVENTION CENTER AUTHORITY
1101 ARCH STREET
PHILADELPHIA, PENNSYLVANIA 19107



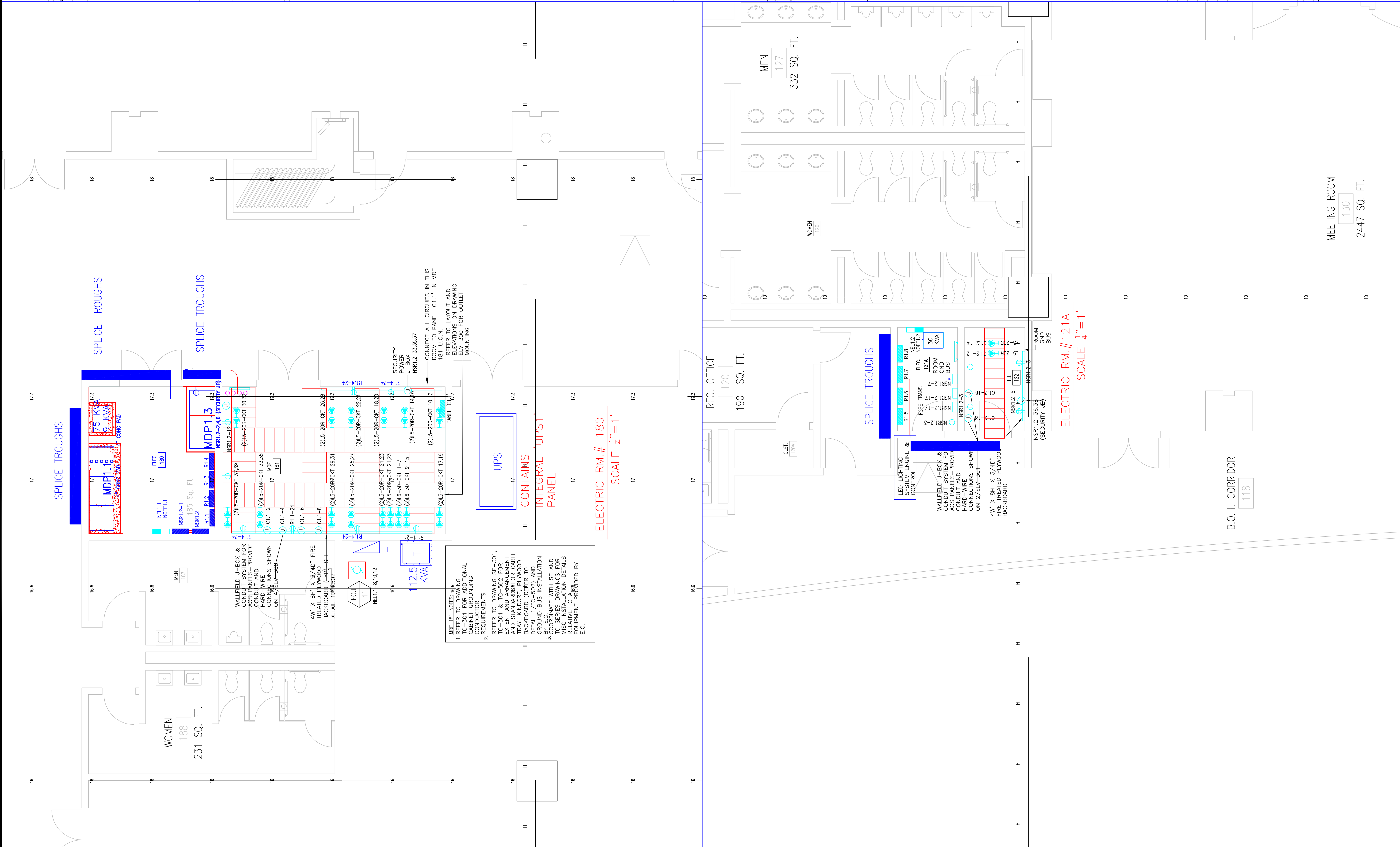
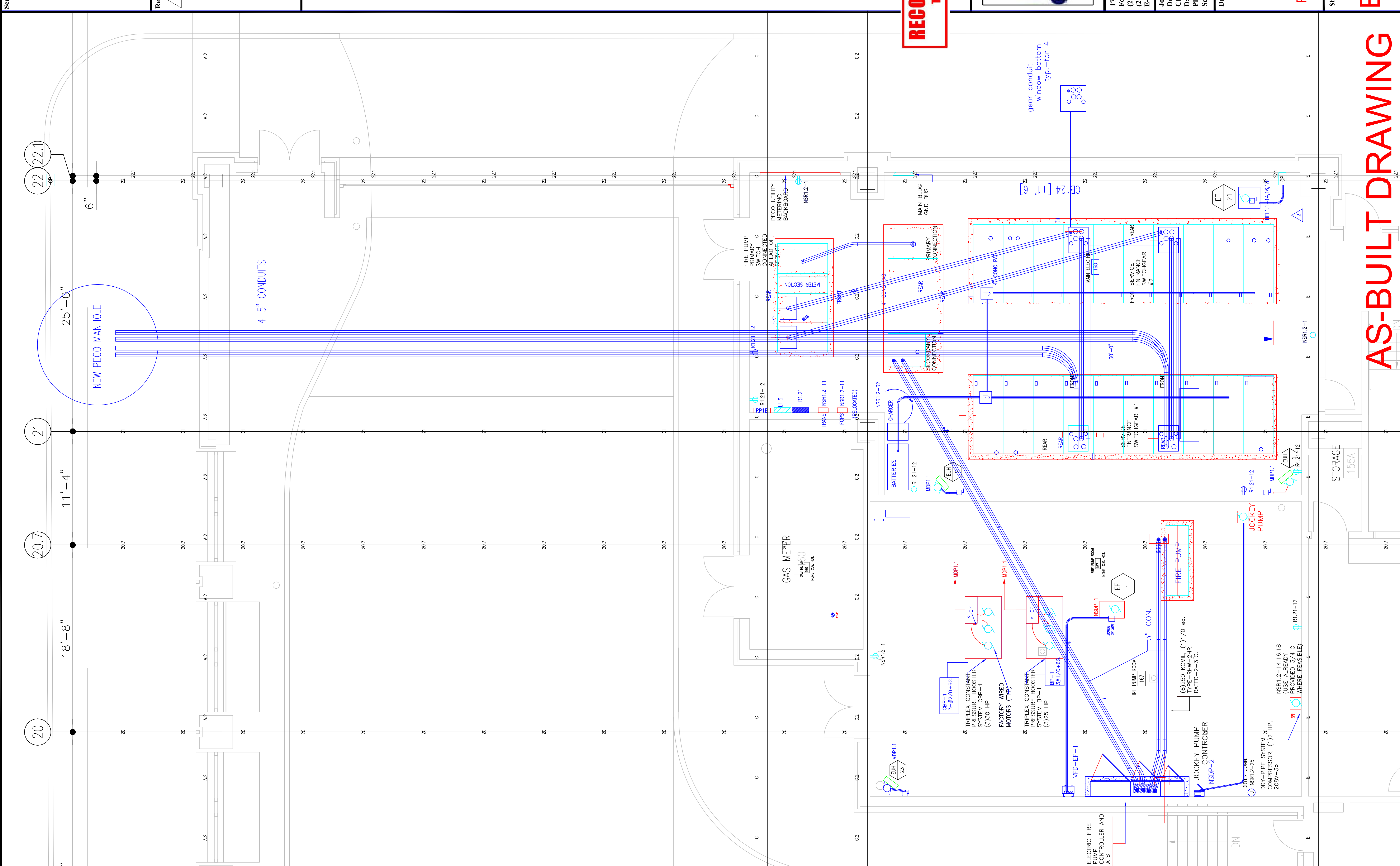
GORDON GROUP
ELECTRICAL

TRINA LONETTA, ANE.
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Job No: J08L NO
Drawn By: DRAWN_BY_MSH
Checked By: DATE
Plot Date: DATE
Scale: 1/4"=1'

Drawing Title:
**LEVEL 1
PARTIAL
FLOOR PLANS**

Sheet No.
EP601-GG



AS-BUILT DRAWING

EP601-GG

Scale

Revisions

EXPANSION AND RENOVATION
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PENNSYLVANIA CONVENTION CENTER
 1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
 PENNSYLVANIA CONVENTION CENTER AUTHORITY
 1101 ARCH STREET
 PHILADELPHIA, PENNSYLVANIA 19107

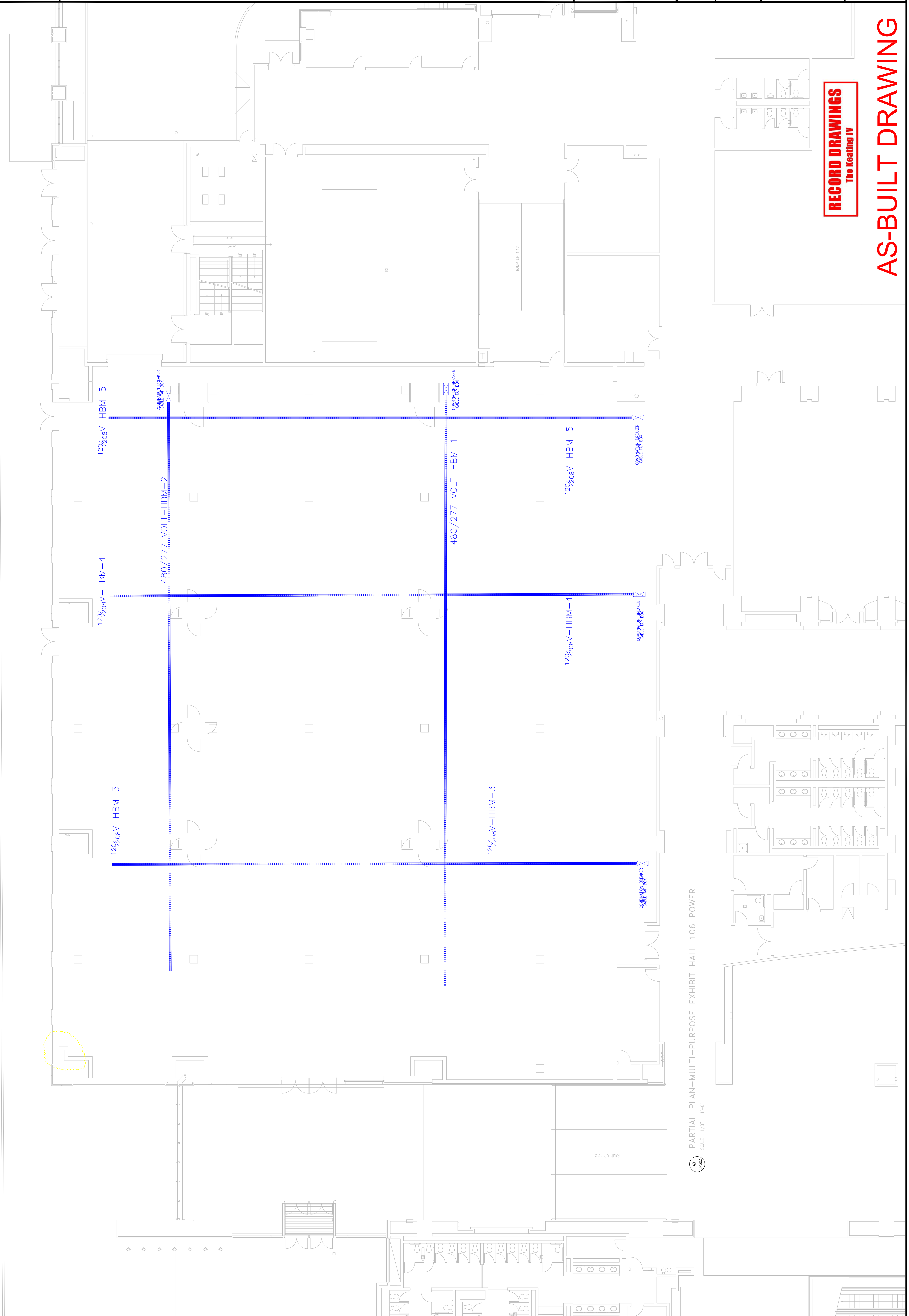


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Job No: JOB_NO
 Drawn By: DRAWN_BY_MSH
 Checked By: DATE
 Plot Date: DATE
 Scale: 1/8"=1'

Drawing Title:
**LEVEL 1
 EXHIBIT HALL
 BUS DUCT PLAN**

Sheet No.
EP603-GG



RECORD DRAWINGS
 The Keating JV

AS-BUILT DRAWING

PARTIAL PLAN-MULTI-PURPOSE EXHIBIT HALL 106 POWER
 SCALE: 1/8" = 1'-0"

Scale

Revisions

PHILADELPHIA, PENNSYLVANIA 19107
 1101 ARCH STREET
 PENNSYLVANIA CONVENTION CENTER PLACE
 ONE PENNSYLVANIA CONVENTION CENTER AUTHORITY
 PHILADELPHIA, PENNSYLVANIA 19107

**EXPANSION AND RENOVATION
 TO THE
 PENNSYLVANIA CONVENTION CENTER**

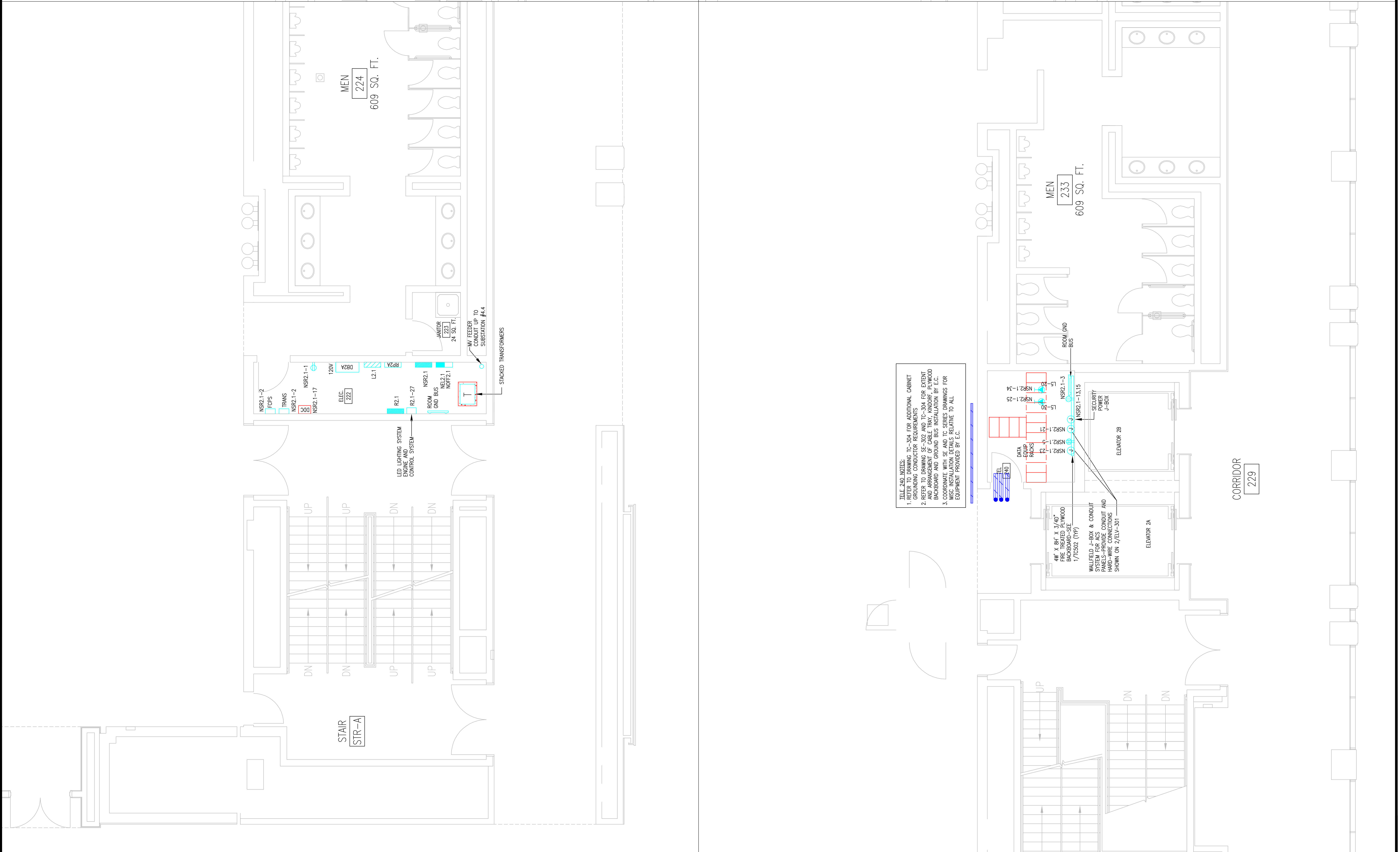


TRINA A. CORNETTA, A.E.
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Job No: JOB_NO
 Drawn By: DRAWN_BY_MSH
 Checked By: CHECKED_BY_MSL
 Plot Date: DATE
 Scale: 1/4"=1'

Drawing Title:
**LEVEL 2
 PARTIAL
 FLOOR PLANS**

Sheet No.
EP604-GG



RECORD DRAWINGS
 The Testing IV

AS-BUILT DRAWING

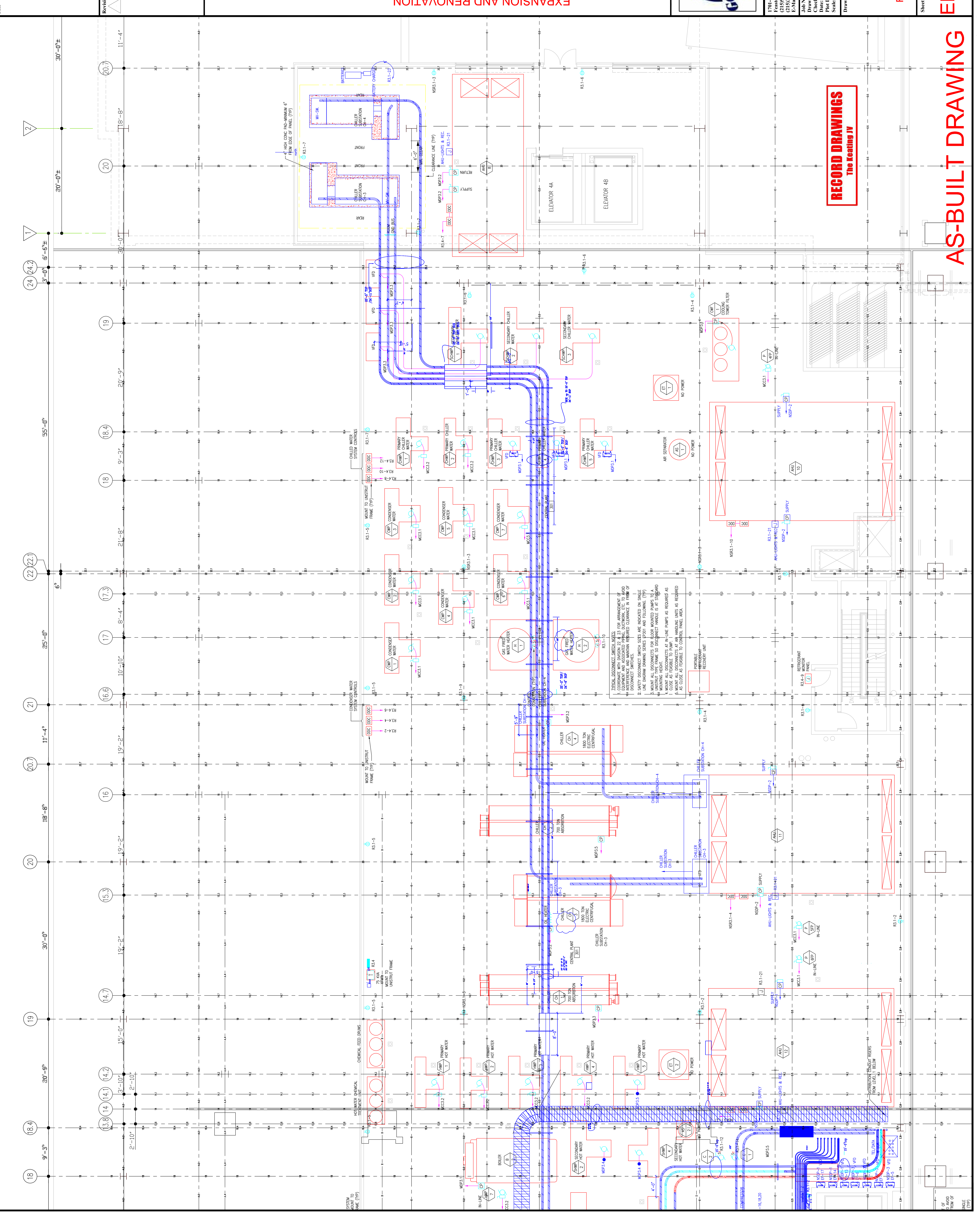
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 1. REFER TO DRAWING TC-304 FOR ADDITIONAL CABINET
 AND ARRANGEMENT OF CABLE TRAY, AND/OR PLYWOOD
 BACKBOARD (REFER TO DETAIL 1/TC-302)
 2. COORDINATE WITH SE AND TC SEERS DRAWINGS FOR
 MISC. INSTALLATION DETAILS RELATIVE TO ALL
 EQUIPMENT PROVIDED BY E.C.

TITLE AND NOTES:
 1. REFER TO DRAWING TC-304 FOR ADDITIONAL CABINET
 AND ARRANGEMENT OF CABLE TRAY, AND/OR PLYWOOD
 BACKBOARD (REFER TO DETAIL 1/TC-302)
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 EQUIPMENT PROVIDED BY E.C.

TITLE AND NOTES:
 1. REFER TO DRAWING TC-304 FOR ADDITIONAL CABINET
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 1. REFER TO DRAWING TC-304 FOR ADDITIONAL CABINET
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 2. COORDINATE WITH SE AND TC SEERS DRAWINGS FOR
 MISC. INSTALLATION DETAILS RELATIVE TO ALL
 EQUIPMENT PROVIDED BY E.C.

Scale



Revisions



EXPANSION AND RENOVATION
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1101 ARCH STREET PHILADELPHIA, PENNSYLVANIA 19107
PENNSYLVANIA CONVENTION CENTER AUTHORITY
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Job No. 100830
Drawn By: DRANN, B.V. NISH
Checked By: CHECKED_BY_ML
Date: DATE
Plot Date: DATE
Scale: 3/16"=1'

Drawing Title:

RECORD DRAWINGS
The Keating JV

LEVEL 3
PARTIAL
FLOOR PLANS

Sheet No.

EP606-GG

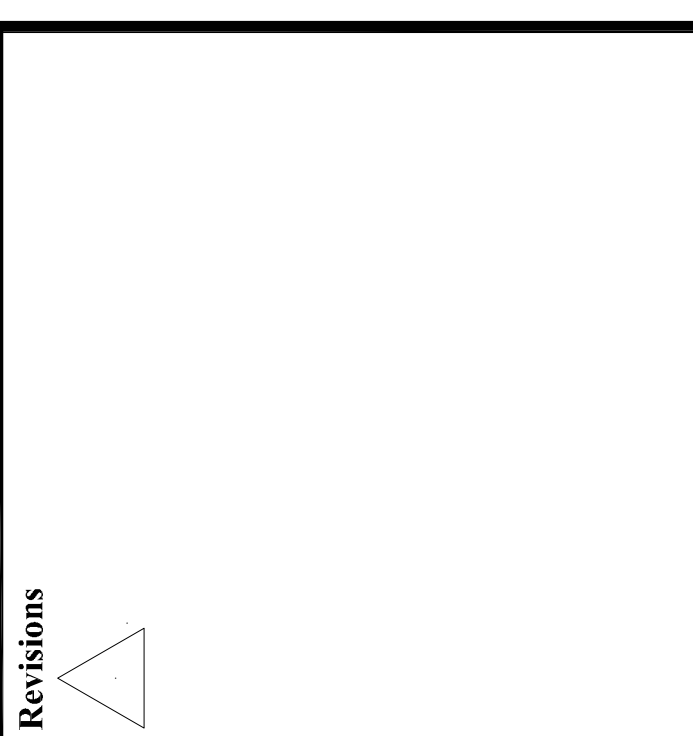
AS-BUILT DRAWING

- GENERAL NOTES:**
1. IDEAL DISCONNECT SWITCH LIMITS SHALL BE MAINTAINED FOR PROTECTION OF PERSONNEL AND EQUIPMENT AND ASSOCIATED PIPING, DUCTWORK, ETC. TO AVOID INTERFERENCE AND MAINTAIN REQUIRED CLEARANCE IN FRONT OF EQUIPMENT.
 2. SAFETY DISCONNECT SWITCH SIZES ARE INDICATED ON SINGLE LINE DIAGRAM DRAWING SERIES (P301) AND FOLLOWING: (TYP)
 3. MOUNT ALL DISCONNECTS FOR FLOOR MOUNTED PUMPS TO A MOUNTING HUB FRAME 50 DISCONNECT HANDLE IS AT STAIRWELL MOUNTING HEIGHT.
 4. MOUNT ALL DISCONNECTS AT IN-LINE PUMPS AS REQUIRED AS SHOWN ON DRAWING.
 5. MOUNT DISCONNECTS AT AIR HANDLING UNITS AS REQUIRED AS CLOSE AS FEASIBLE TO CONTROL PANEL AREA.

1/4" = 1'-0"
0" = AVOID
ROW OF
SHADE
(TYP)

Scale

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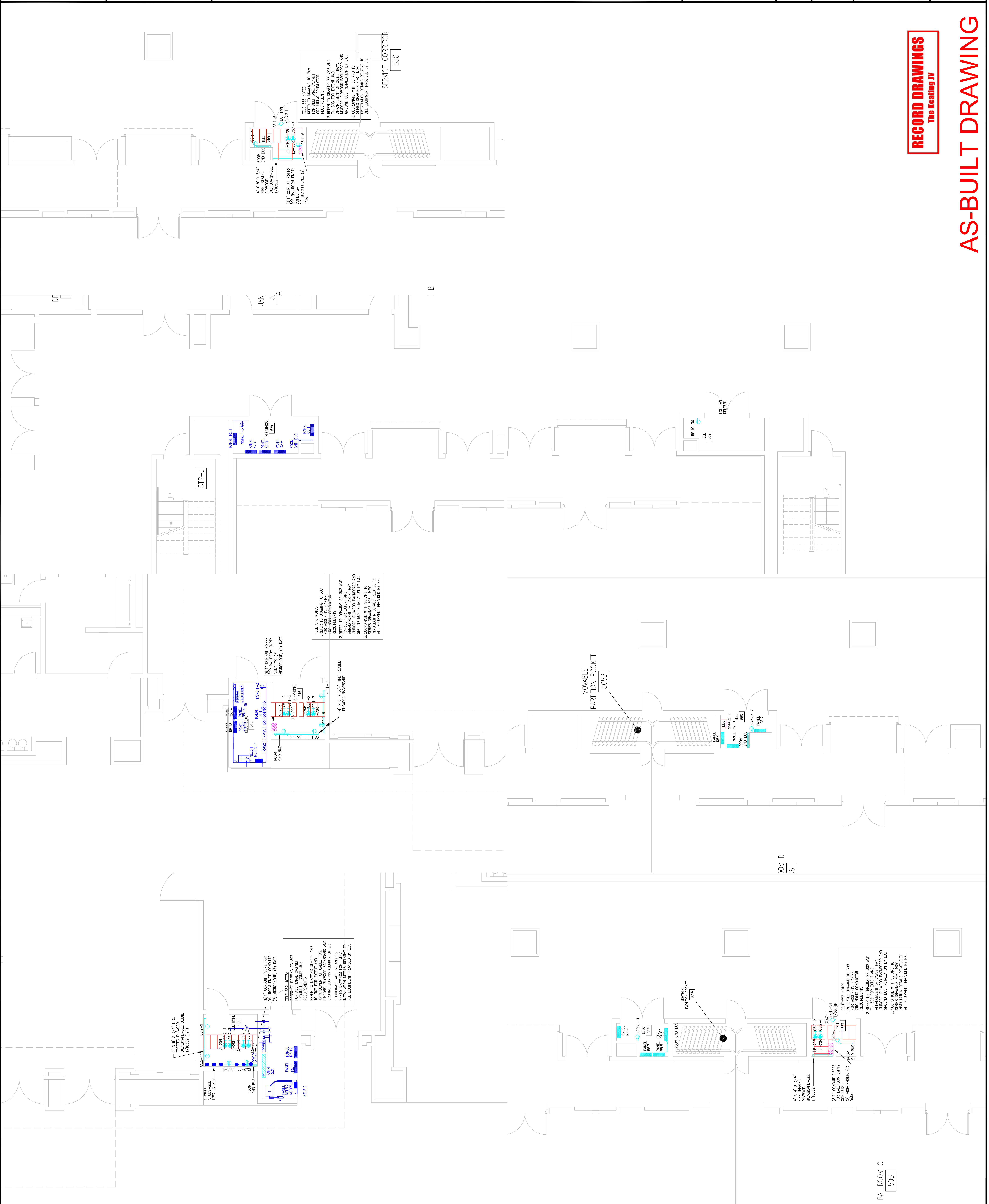


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Checked By: CHECKED_BY_LML
Date: DATE
Plot Date: DATE
Scale: 1/4"=1'

Drawing Title:
**PARTIAL
FLOOR PLANS
LEVEL 5**

Sheet No.
EP608-GG



RECORD DRAWINGS
The Keating JV

PARTIAL FLOOR PLANS LEVEL 6

Drawing Title:

Scale=1/4"=1'

Job No. _____
Drawn By: DRAWN_BY_MSH
Checked By: MKEGOLBY_ML
Date: _____

E-Mail: mgordon@group-electric.com

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