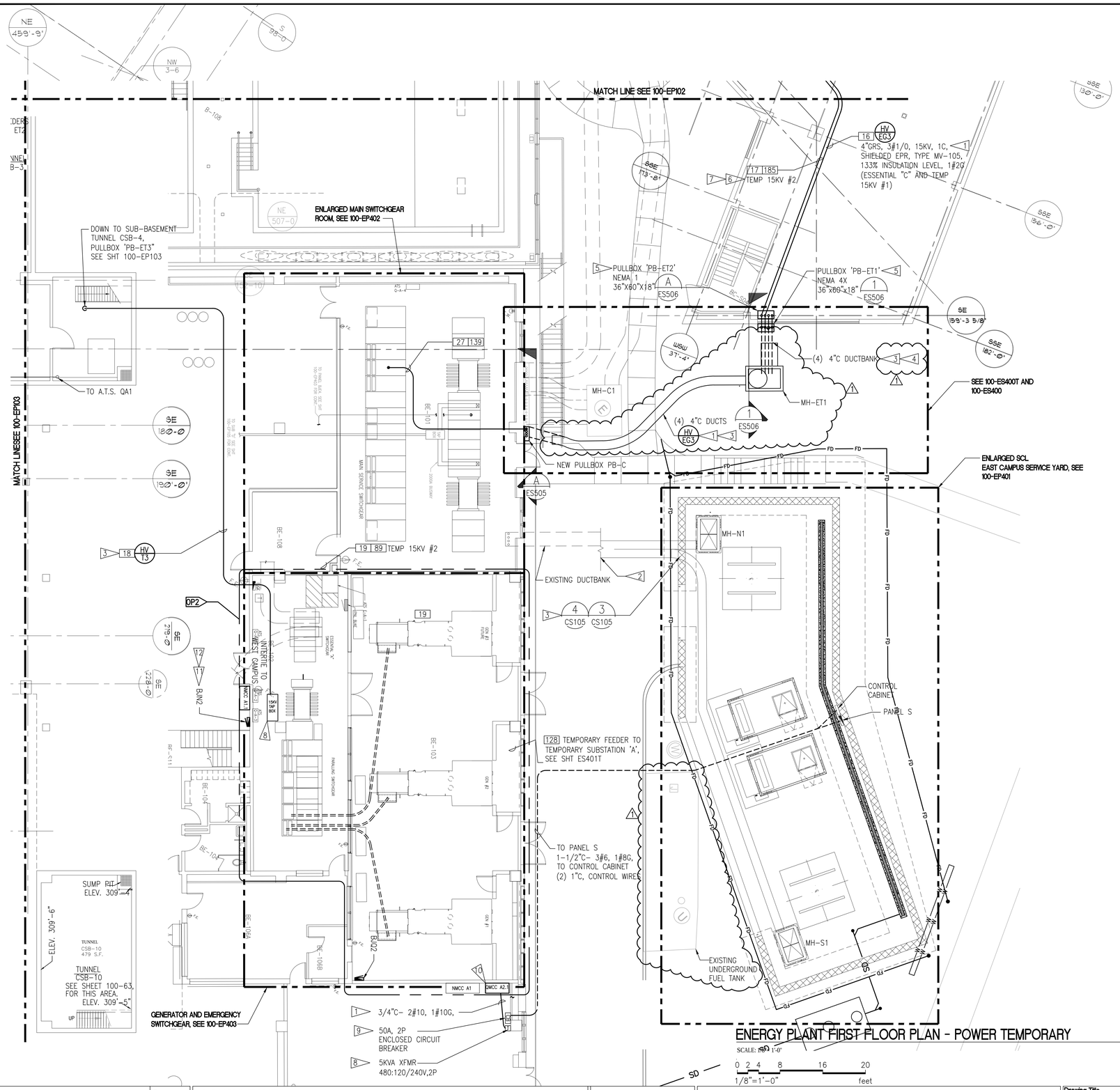


ENERGY PLANT FIRST FLOOR PLAN - POWER TEMPORARY

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

0 2 4 8 16 20

1/8"=1'-0" feet

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

1

NOTES:

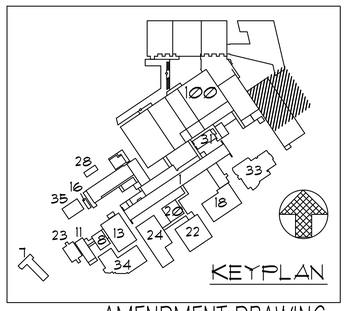
TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003, ES004 AND ES005.

16 17 18 19 27 89 128 139 185

CONSTRUCTION NOTES:

1. PROVIDE FEEDER AS SHOWN.
2. INTERCEPT EXISTING (8) 4"C DUCTBANK. REFER TO CIVIL DRAWINGS FOR EXACT LOCATION.
3. REFER TO CIVIL DRAWINGS FOR DUCTBANK DETAILS.
4. PROVIDE 54" SWEEP INTO PULLBOX, SEE A/ES506.
5. PROVIDE STAINLESS STEEL PULL BOX WITH CONTINUOUS HINGE AND LOCKABLE DOOR. SEE A/ES506 FOR MOUNTING DETAIL, SEE
6. TEMPORARY FEEDERS SHALL BE ARMORED CABLES, UNLESS OTHERWISE NOTED.
7. PROVIDE TEMPORARY FEEDERS TO NEW SUBSTATION C FOR TEMPORARY POWER.
8. PROVIDE 15KV TAP BOX.
9. PROVIDE 5KVA TRANSFORMER, GROUND TRANSFORMER TO BUILDING STEEL COLUMN.
10. PROVIDE 50A, 2P ENCLOSED CIRCUIT BREAKER.

    REFER TO MOTOR CONTROL CENTER QMCC A2.1, 100-EP801 FOR ADDITIONAL REQUIREMENTS.
11. PROVIDE (1)25A/2 CIRCUIT BREAKER IN EXISTING SPACE 14,16 FOR EF-63 CONNECTION. NEW CIRCUIT BREAKER SHALL MATCH EXISTING TYPE.
12. INDICATE CIRCUIT BREAKER IN PANEL BJN2 CIRCUIT #10 AS SPARE. PROVIDE UPDATED PANEL SCHEDULE IN PANEL DOOR POCKET UPON PROJECT COMPLETION.



AMENDMENT DRAWING

SUPERSEDES 100-EP101T

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REVISION 1	04-01-16
Revisions-	Date

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: ENERGY PLANT FIRST FLOOR PLAN - POWER TEMPORARY

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP101TR

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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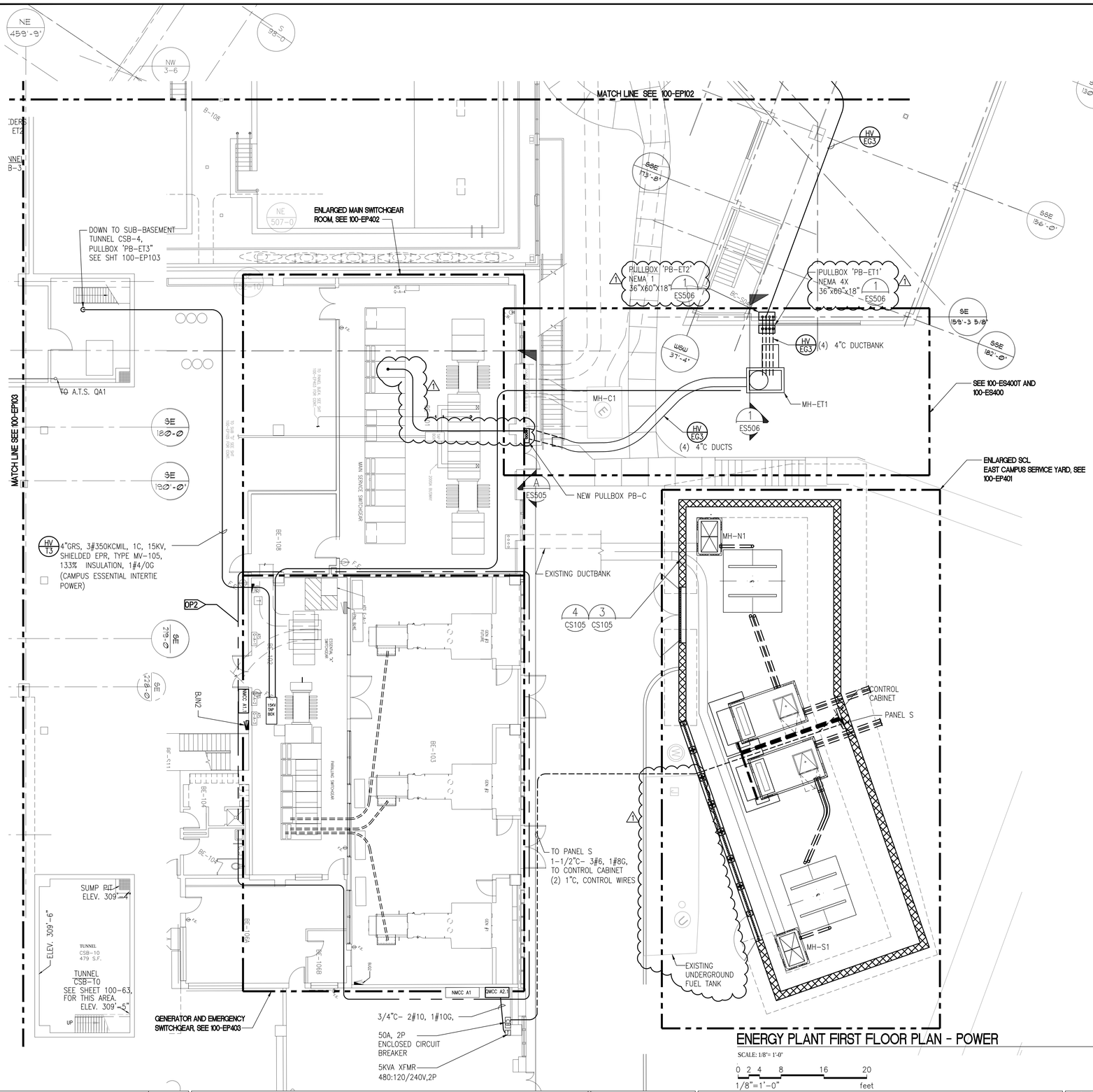


ENERGY PLANT FIRST FLOOR PLAN - POWER

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

0 2 4 8 16 20
1/8"=1'-0" feet

GENERAL NOTES:

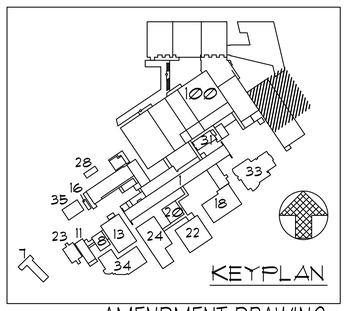
1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003, ES004 AND ES005.

16 17 18 19 27 89 128 139 185

CONSTRUCTION NOTES:



AMENDMENT DRAWING

SUPERSEDES 100-EP101

REVISION 1	04-01-16
Revisions-	Date

CONSULTANTS:

SÄZÄN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: ENERGY PLANT FIRST FLOOR PLAN - POWER

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP101R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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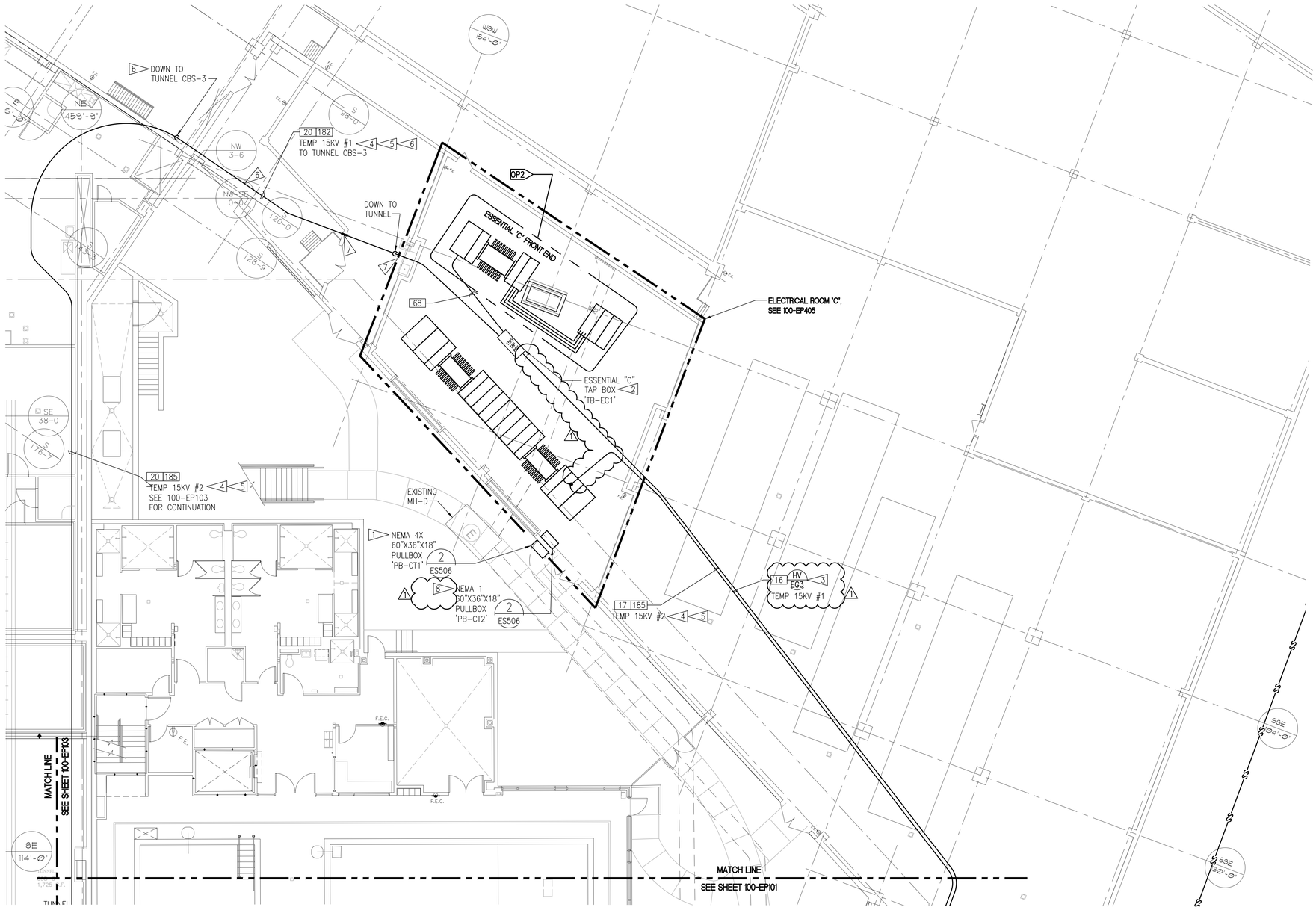


ENERGY PLANT FIRST FLOOR PLAN - POWER TEMPORARY

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

0 2 4 8 16 20
1/8"=1'-0" feet

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

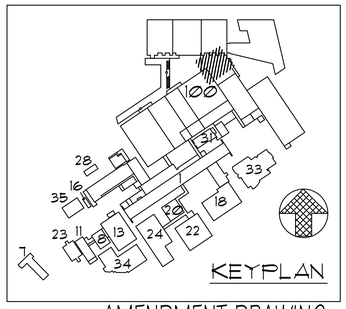
TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.
16 17 20 185

CONSTRUCTION NOTES:

1. REPLACE CONDUIT FITTING W/PULL BOX AS SHOWN.
2. PROVIDE 15KV TAP BOX.
3. PROVIDE FEEDER AS SHOWN.
4. TEMPORARY FEEDERS SHALL BE ARMORED CABLES, UNLESS OTHERWISE NOTED.
5. PROVIDE TEMPORARY FEEDERS TO NEW SUBSTATION C FOR TEMPORARY POWER.
6. FIELD VERIFY EXACT ROUTING PRIOR TO INSTALLATION.
7. SEAL ALL WALL PENETRATIONS.
8. REPLACE EXISTING PULL BOX W/NEW AS SHOWN.

BID OPTION 2 - UPGRADE ESSENTIAL POWER

ESSENTIAL 'C' LOW VOLTAGE SWITCHGEAR IS STAGED BEFORE NEW UNIT SUBSTATION 'C' IS INSTALLED FOR BASE PROJECT.



AMENDMENT DRAWING

SUPERSEDES 100-EP102T

Revisions	Date
REVISION 1	04-01-16

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Approved Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Drawing Title	'D' AND 'T' BUILDING - FIRST FLOOR POWER TEMPORARY
Project Title	VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV
Project Number	663-15-102
Building Number	100
Location	1660 South Columbian Way, Seattle, WA 98108
Date	02-25-2016
Checked	K.ANDERSON
Drawn	A.WOOLF
Drawing Number	100-EP102TR
Dwg. -- of --	

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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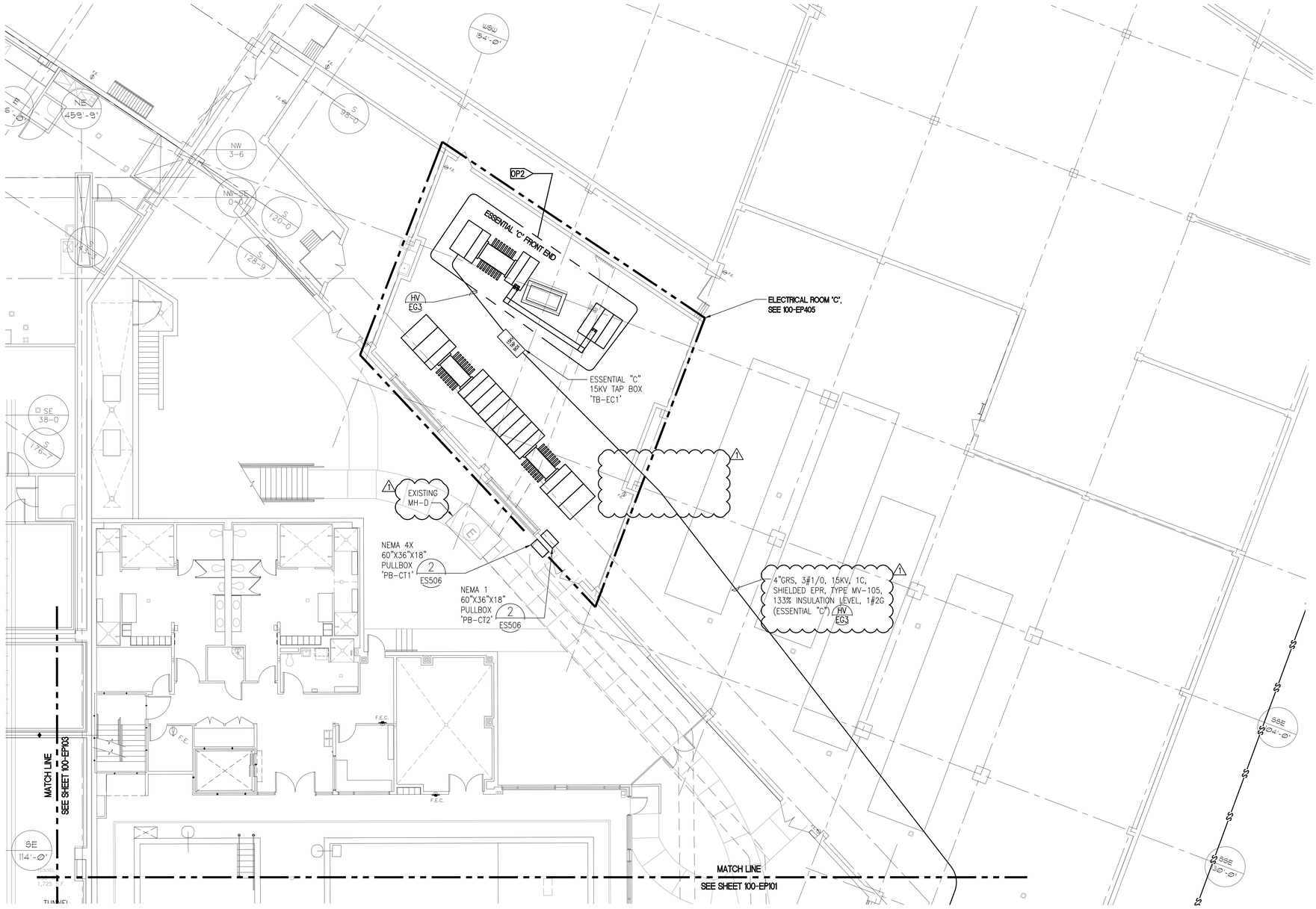


ENERGY PLANT FIRST FLOOR PLAN - POWER

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

0 2 4 8 16 20
1/8"=1'-0" feet

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

1

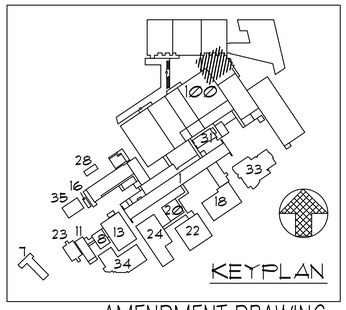
NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

CONSTRUCTION NOTES:

BID OPTION 2 - UPGRADE ESSENTIAL POWER

ESSENTIAL 'C' LOW VOLTAGE SWITCHGEAR IS STAGED BEFORE NEW UNIT SUBSTATION 'C' IS INSTALLED FOR BASE PROJECT.



AMENDMENT DRAWING

SUPERSEDES 100-EP102

Revisions:	Date
REVISION 1	04-01-16

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: 'D' AND 'T' BUILDING - FIRST FLOOR POWER

Approved: Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP102R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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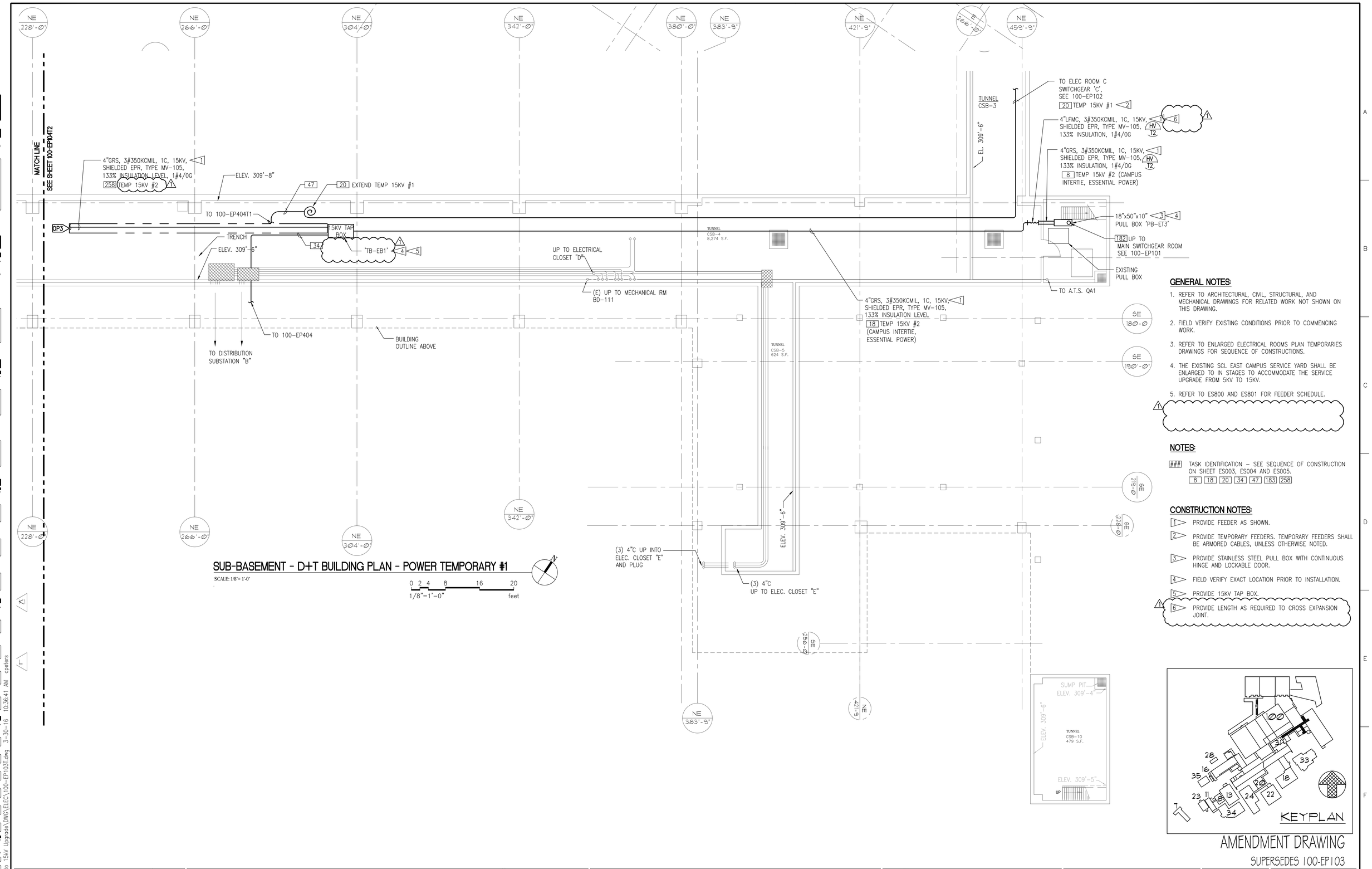

SUB-BASEMENT - D+T BUILDING PLAN - POWER TEMPORARY #1

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

0 2 4 8 16 20 feet
1/8"=1'-0"

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003, ES004 AND ES005.
8 18 20 34 47 183 258

CONSTRUCTION NOTES:

1. PROVIDE FEEDER AS SHOWN.
2. PROVIDE TEMPORARY FEEDERS. TEMPORARY FEEDERS SHALL BE ARMORED CABLES, UNLESS OTHERWISE NOTED.
3. PROVIDE STAINLESS STEEL PULL BOX WITH CONTINUOUS HINGE AND LOCKABLE DOOR.
4. FIELD VERIFY EXACT LOCATION PRIOR TO INSTALLATION.
5. PROVIDE 15KV TAP BOX.
6. PROVIDE LENGTH AS REQUIRED TO CROSS EXPANSION JOINT.

AMENDMENT DRAWING

SUPERSEDES 100-EP103

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: SUB-BASEMENT (NEW D AND T) - POWER TEMPORARY #1

Approved: Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date	Checked	Drawn
02-25-2016	K.ANDERSON	A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP103T1R

Dwg -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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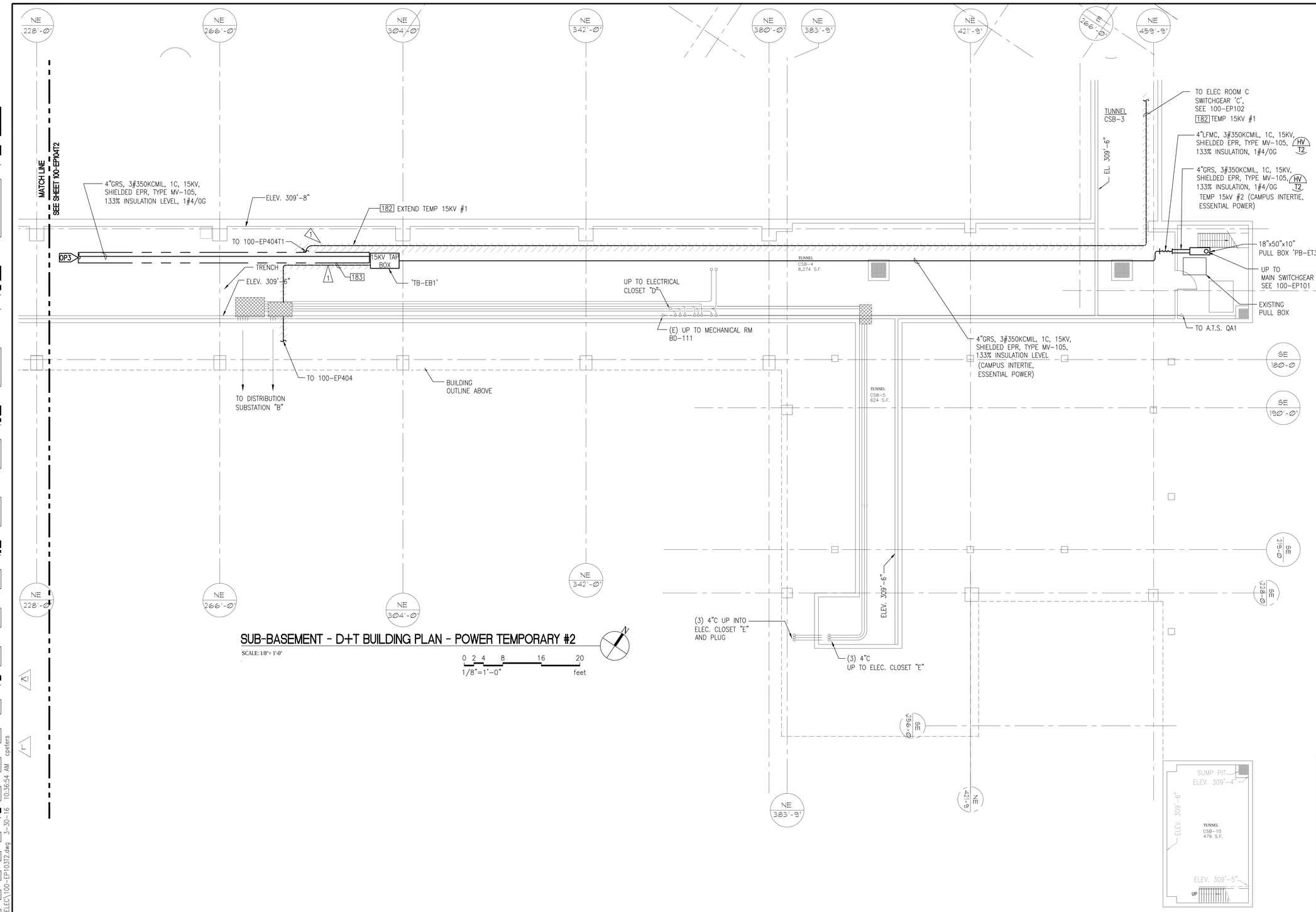


SUB-BASEMENT - D+T BUILDING PLAN - POWER TEMPORARY #2

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

0 2 4 8 16 20
1/8"=1'-0" feet

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

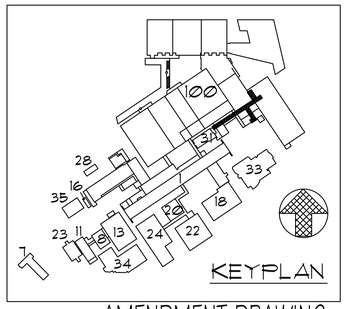
NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003, ES004 AND ES005.

8 18 20 34 47 183 258

CONSTRUCTION NOTES:

1 DISCONNECT AND REMOVE TEMPORARY FEEDER AS SHOWN. PROVIDE TEMPORARY FEEDERS.



AMENDMENT DRAWING

NEW DRAWING

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REVISION 1	04-01-16
Revisions	Date

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: SUB-BASEMENT (NEW D AND T) - POWER TEMPORARY #1

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 04-01-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP103T2

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

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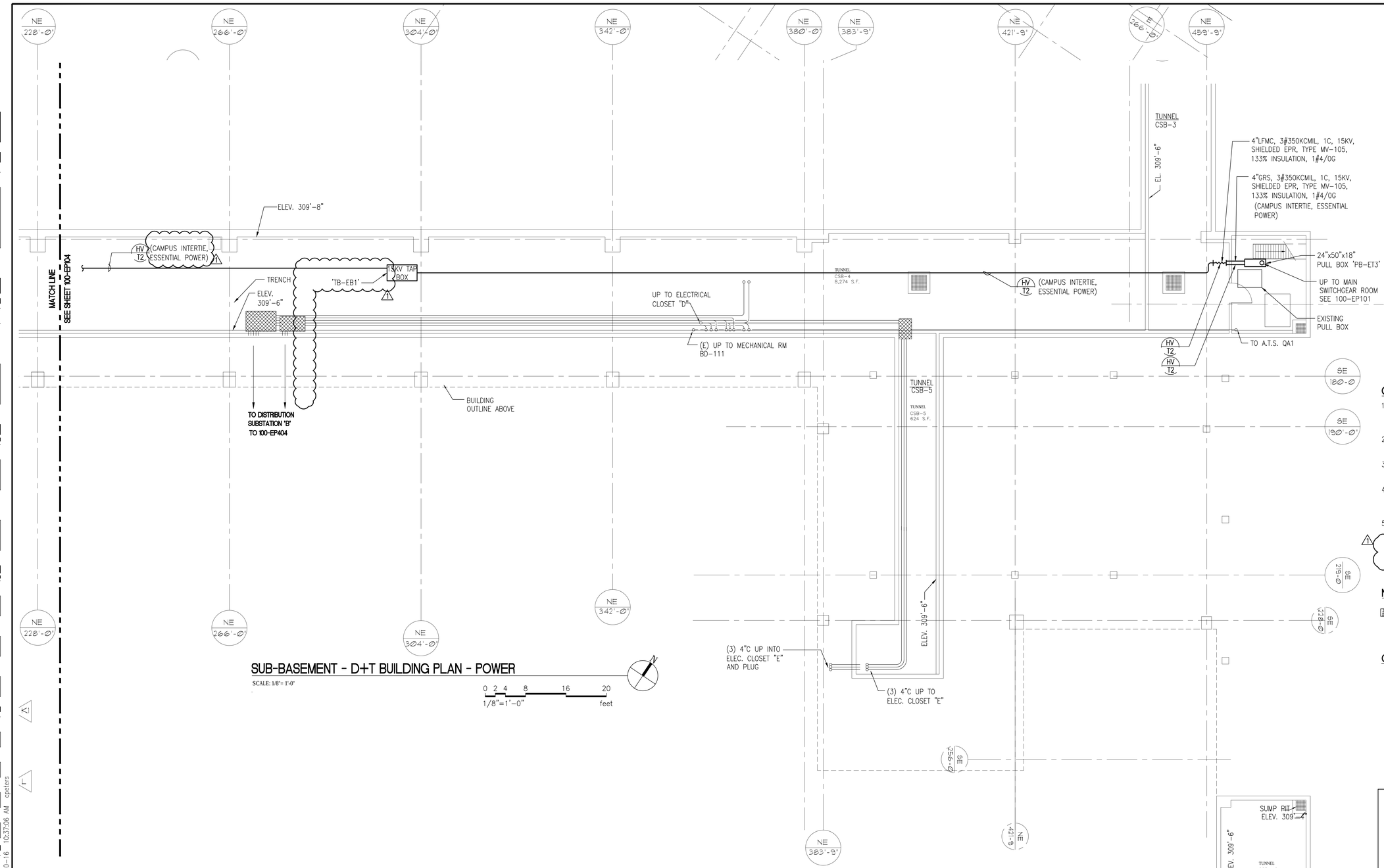


SUB-BASEMENT - D+T BUILDING PLAN - POWER

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

0 2 4 8 16 20
1/8"=1'-0" feet

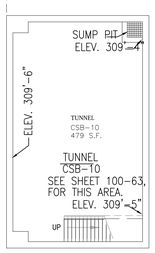
GENERAL NOTES:

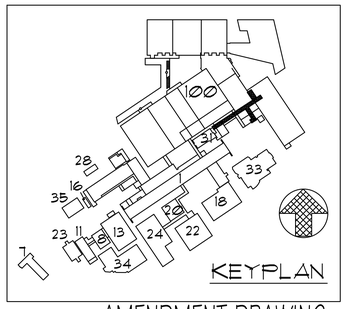
1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION - SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

CONSTRUCTION NOTES:





AMENDMENT DRAWING

SUPERSEDES 100-EP103T

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: SUB-BASEMENT (NEW D AND T) - POWER

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP103R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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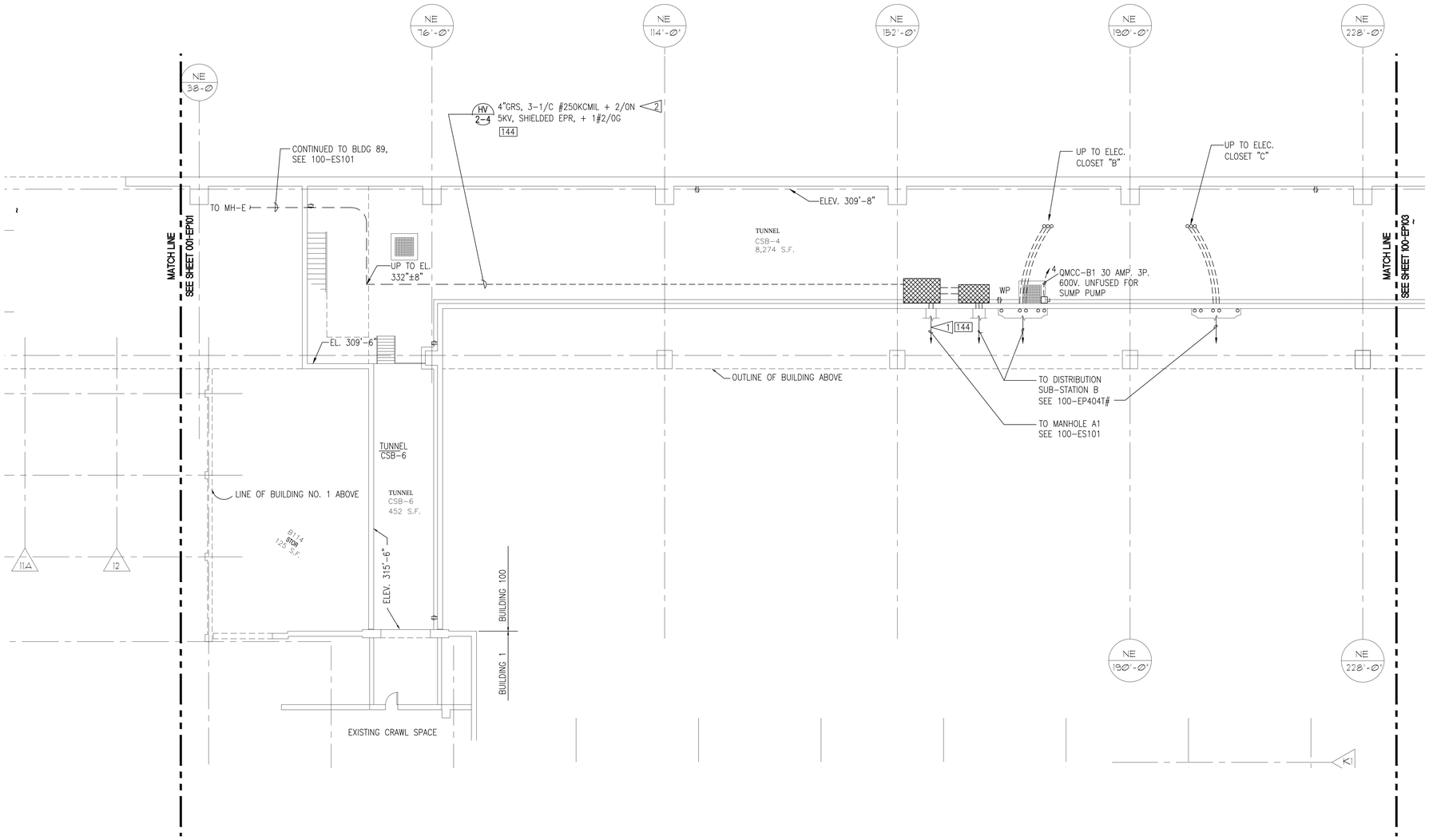


SUB-BASEMENT - D+T BUILDING PLAN - POWER TEMPORARY #1

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

0 2 4 8 16 20
1/8"=1'-0" feet

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

1

NOTES:

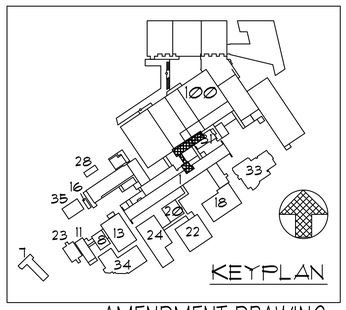
TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

1 144

CONSTRUCTION NOTES:

1 REMOVE 5KV FEEDER FROM MANHOLE A1.

2 REMOVE 5KV FEEDER CABLE FROM EXISTING CONDUIT. RETAIN CONDUIT FOR RE-USE.



AMENDMENT DRAWING

SUPERSEDES 100-EP104T

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: SUB-BASEMENT - CAMPUS INTERTIE - POWER TEMPORARY

Approved: Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP104T1R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

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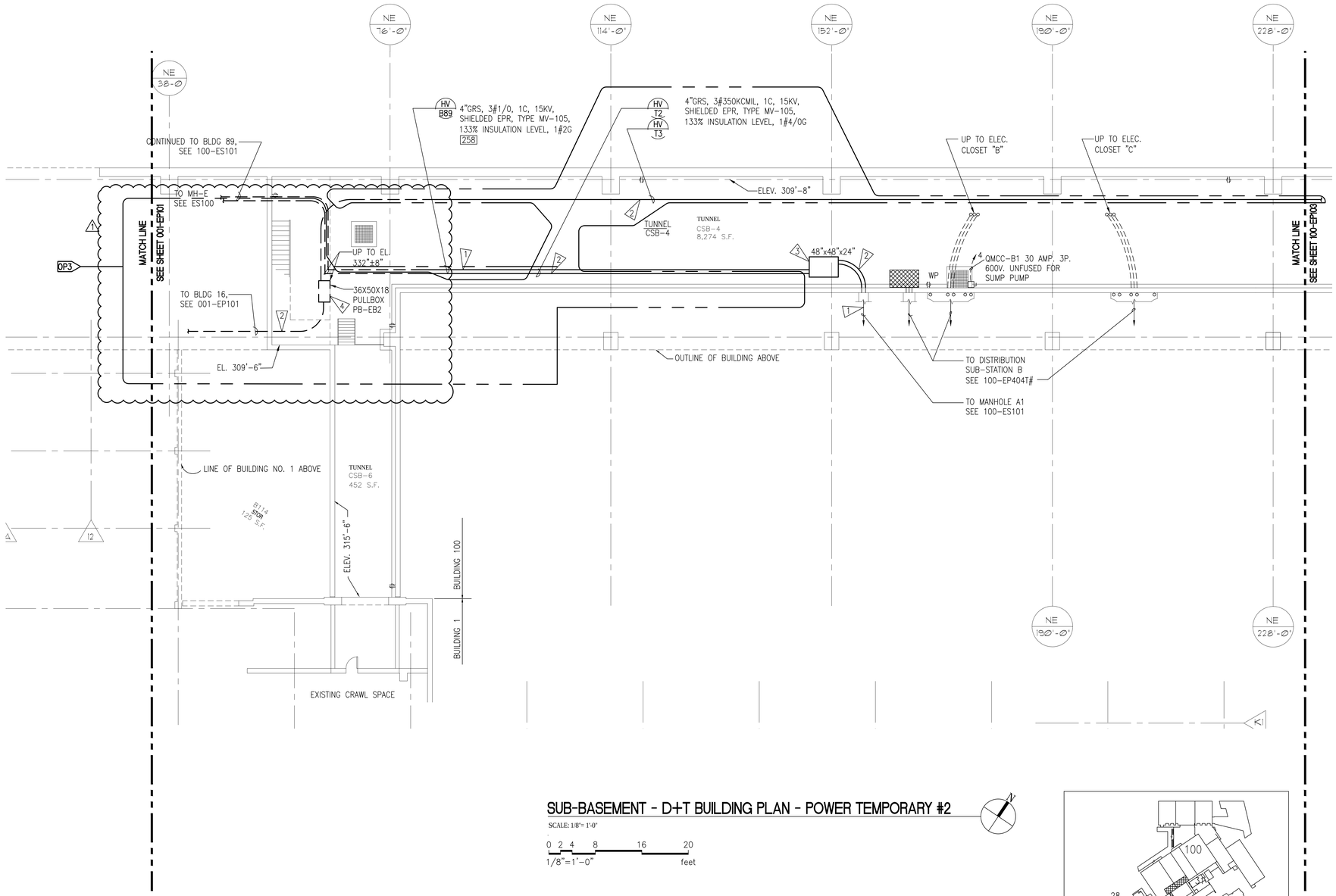
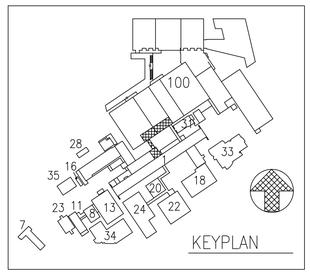


SUB-BASEMENT - D+T BUILDING PLAN - POWER TEMPORARY #2

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

0 2 4 8 16 20
1/8"=1'-0" feet



GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

CONSTRUCTION NOTES:

1. PROVIDE NEW 15KV FEEDER IN EXISTING RACEWAY.
2. PROVIDE NEW 15KV FEEDER IN NEW RACEWAY.
3. REPLACE EXISTING BOX WITH NEW PULL BOX AND FOUR 4" R48" ELBOWS AS SHOWN.
4. PROVIDE STAINLESS STEEL PULLBOX WITH LOCKABLE DOOR.

AMENDMENT DRAWING

SUPERSEDES 100-EP104

Revisions:	Date
REVISION 1	04-01-16
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-	-

CONSULTANTS:

SĀZĀN GROUP
600 Stewart St., Ste 1400
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Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: SUB-BASEMENT - CAMPUS INTERTIE - POWER TEMPORARY #2

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP104T2R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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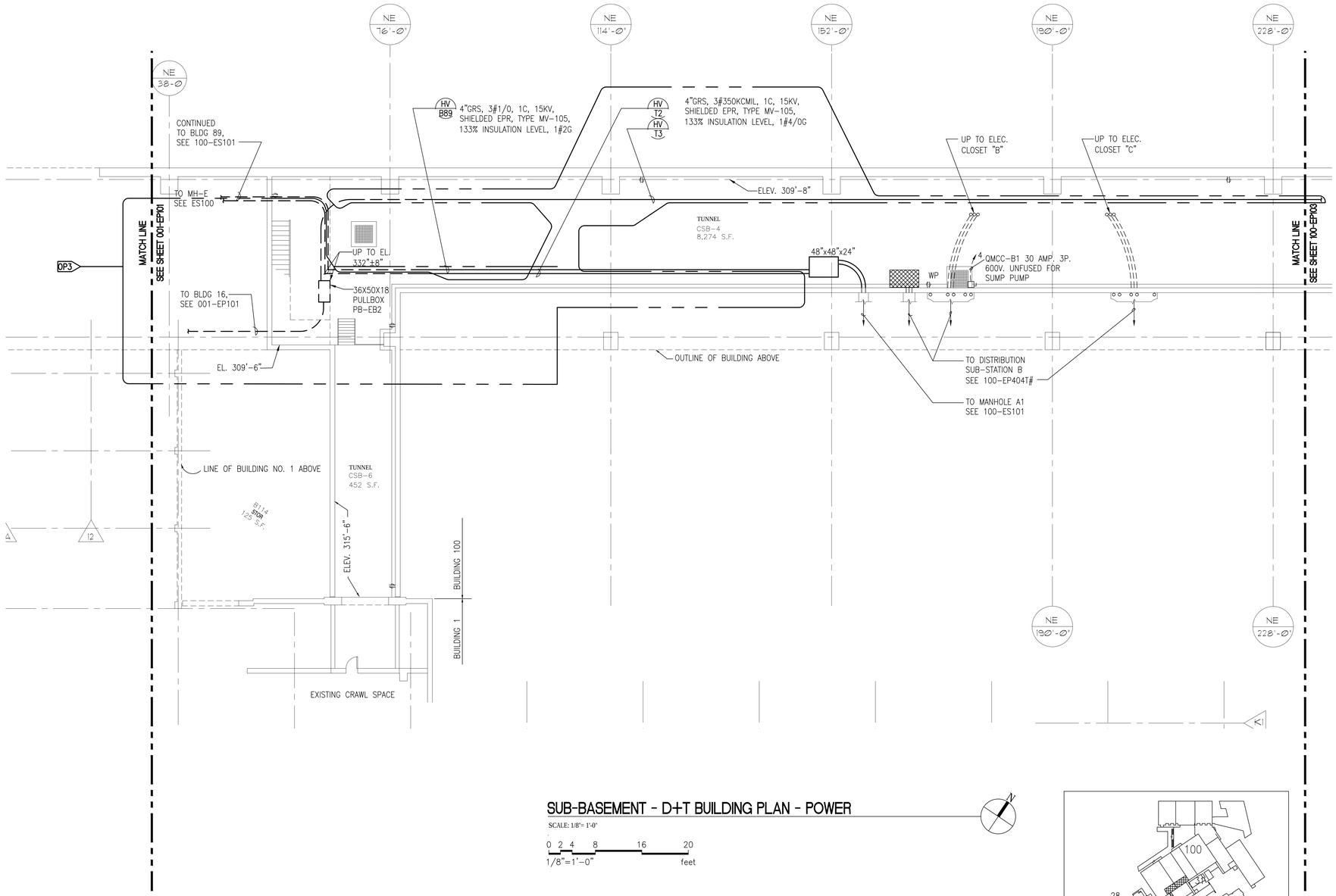
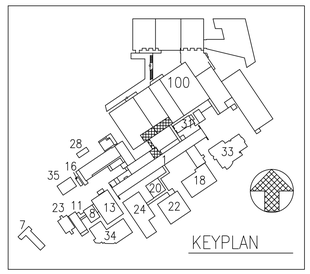


SUB-BASEMENT - D+T BUILDING PLAN - POWER

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

0 2 4 8 16 20
1/8"=1'-0" feet



GENERAL NOTES:

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2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

CONSTRUCTION NOTES:

AMENDMENT DRAWING

NEW DRAWING

Revisions:	Date
REVISION 1	04-01-16
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CONSULTANTS:

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SAZAN # 269-1507

Drawing Title: SUB-BASEMENT - CAMPUS INTERTIE - POWER

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 04-01-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP104

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

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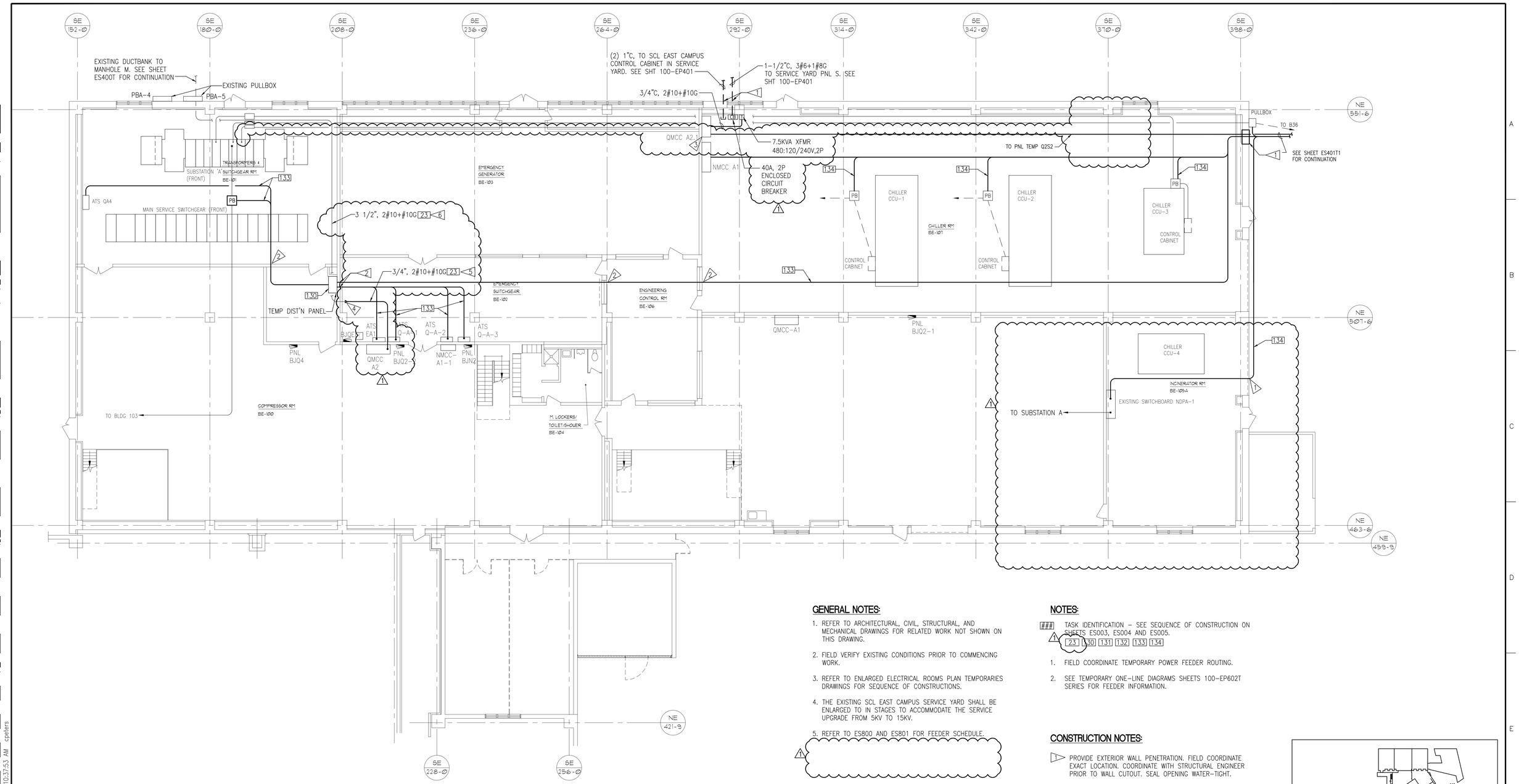

GENERAL NOTES:

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2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

1 23 30 131 132 133 134

1. FIELD COORDINATE TEMPORARY POWER FEEDER ROUTING.
2. SEE TEMPORARY ONE-LINE DIAGRAMS SHEETS 100-EP602T SERIES FOR FEEDER INFORMATION.

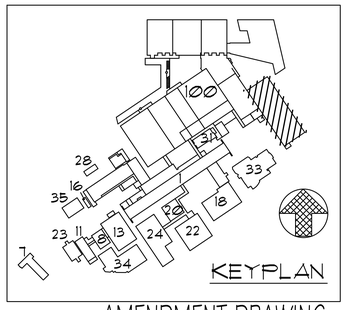
CONSTRUCTION NOTES:

1. PROVIDE EXTERIOR WALL PENETRATION. FIELD COORDINATE EXACT LOCATION. COORDINATE WITH STRUCTURAL ENGINEER PRIOR TO WALL CUTOUT. SEAL OPENING WATER-TIGHT.
2. PROVIDE WALL PENETRATION. FIELD COORDINATE EXACT LOCATION. FIRE SEAL OPENING TO MATCH EXISTING FIRE RATING.
3. REFER TO 100-EP801 FOR MCC SCHEDULE.
4. INTERCEPT EXISTING 3 1/2" CONDUIT AND EXTEND TO EXISTING QMCC A2. PROVIDE REDUCER TO ACCOMMODATE NEW 3/4" CONDUIT.
5. PROVIDE CONDUIT AND CONDUCTORS.
6. PROVIDE CONDUCTORS IN EXISTING CONDUIT.

ENERGY PLANT PLAN - TEMPORARY POWER FEEDER ROUTING

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

0 2 4 8 16 20
1/8"=1'-0" feet



AMENDMENT DRAWING

SUPERSEDES 100-EP109T1

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REVISION 1	04-01-16
Revisions	Date

CONSULTANTS:

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600 Stewart St., Ste 1400
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SAZAN # 269-1507

Drawing Title: ENERGY PLANT PLAN - TEMPORARY #1

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP109T1R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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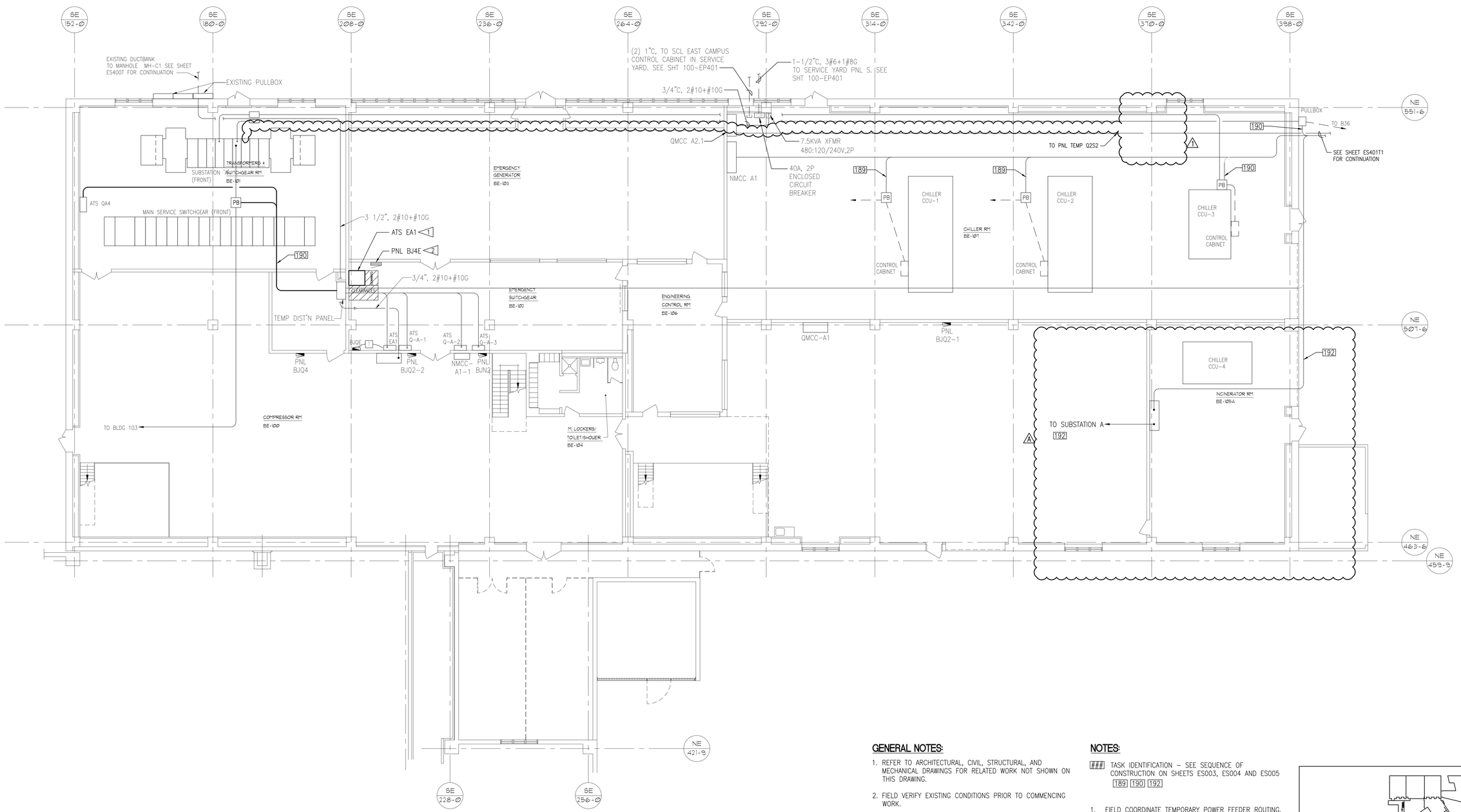


ENERGY PLANT PLAN - TEMPORARY POWER FEEDER ROUTING

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

0 2 4 8 16 20 feet

1/8"=1'-0"

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

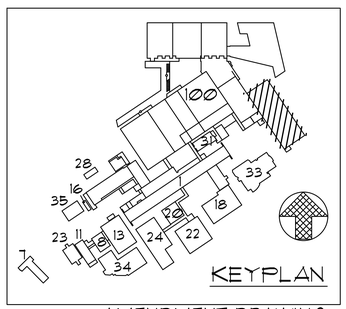
NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005 189 190 192

1. FIELD COORDINATE TEMPORARY POWER FEEDER ROUTING.
2. SEE TEMPORARY ONE-LINE DIAGRAMS SHEETS 100-EP602T SERIES FOR FEEDER INFORMATION.

CONSTRUCTION NOTES:

1. PROVIDE 400A/3POLE, 480V AUTOMATIC TRANSFER SWITCH WITH BYPASS ISOLATION.
2. PROVIDE 400A, 3-PHASE, 4-W, 480Y/277V PANELBOARD.



AMENDMENT DRAWING

SUPERSEDES 100-EP109T2

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: ENERGY PLANT PLAN - TEMPORARY #2

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP109T2R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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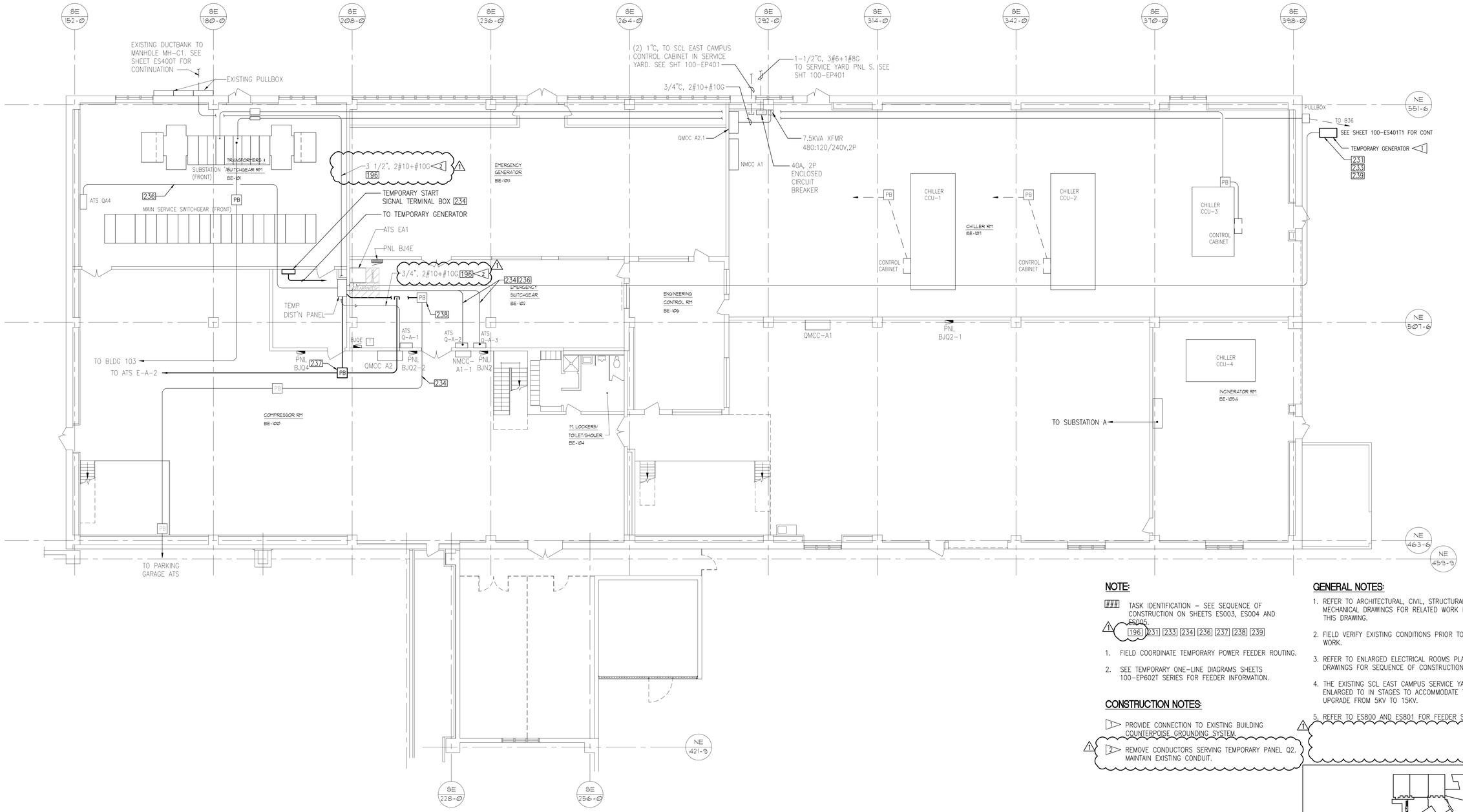

ENERGY PLANT PLAN - TEMPORARY POWER FEEDER ROUTING

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

0 2 4 8 16 20
1/8"=1'-0" feet

NOTE:

GENERAL NOTES:

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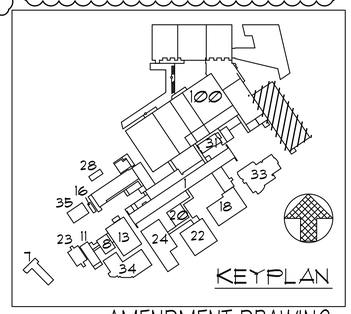
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

CONSTRUCTION NOTES:

1. PROVIDE CONNECTION TO EXISTING BUILDING COUNTERPOISE GROUNDING SYSTEM.
2. REMOVE CONDUCTORS SERVING TEMPORARY PANEL Q2. MAINTAIN EXISTING CONDUIT.



AMENDMENT DRAWING

SUPERSEDES 100-EP109T3

Revisions	Date
REVISION 1	04-01-16
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CONSULTANTS:

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600 Stewart St., Ste 1400
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Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: ENERGY PLANT PLAN - TEMPORARY #3

Approved Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP109T3R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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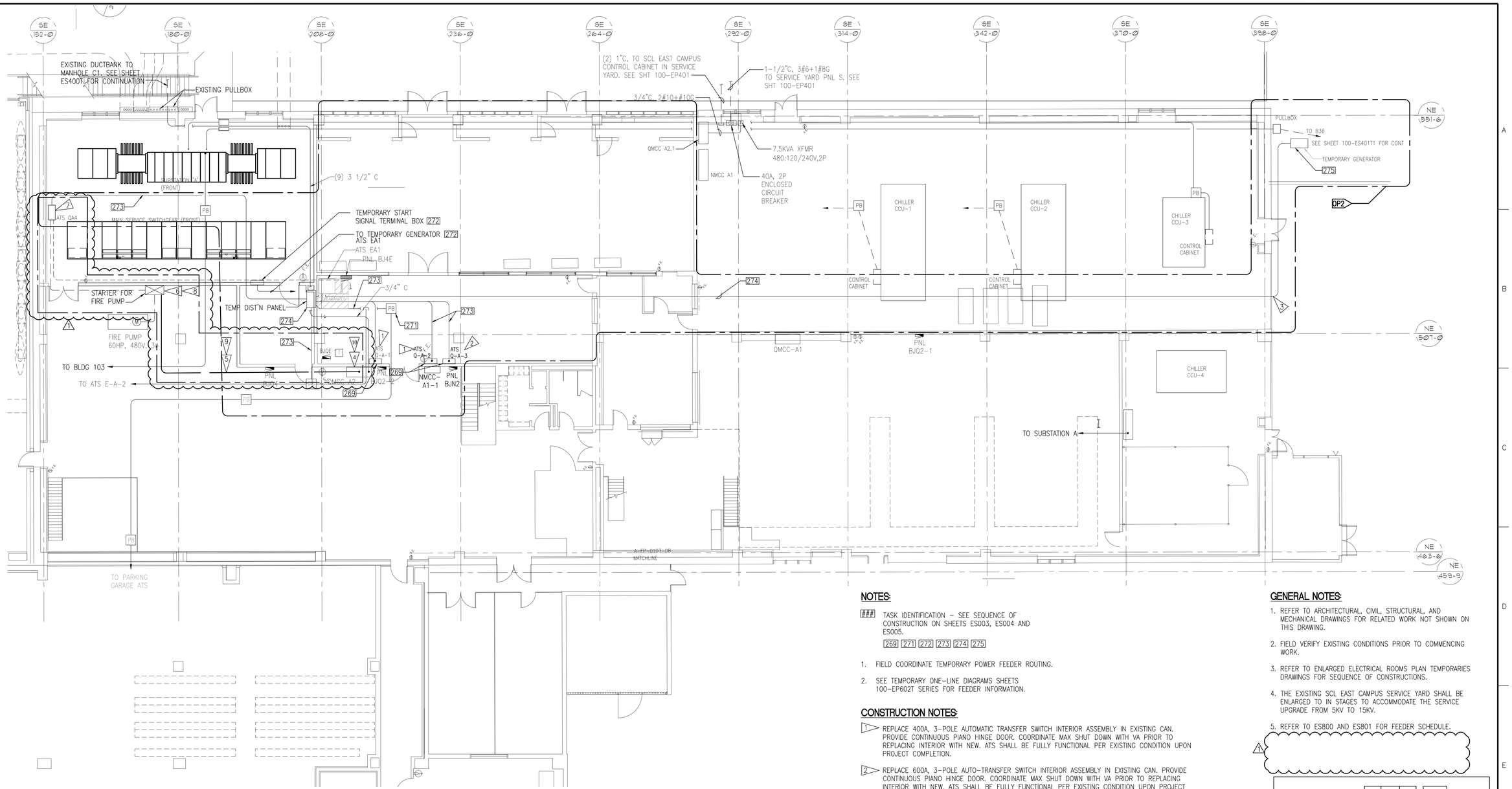


ENERGY PLANT PLAN - TEMPORARY POWER FEEDER ROUTING

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

0 2 4 8 16 20
1/8"=1'-0" feet

NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

269 271 272 273 274 275

1. FIELD COORDINATE TEMPORARY POWER FEEDER ROUTING.
2. SEE TEMPORARY ONE-LINE DIAGRAMS SHEETS 100-EP602T SERIES FOR FEEDER INFORMATION.

CONSTRUCTION NOTES:

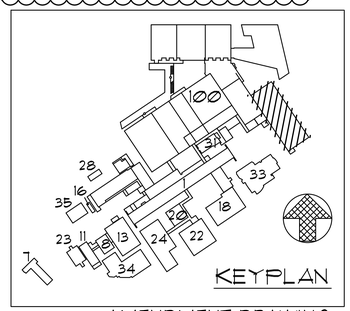
1. REPLACE 400A, 3-POLE AUTOMATIC TRANSFER SWITCH INTERIOR ASSEMBLY IN EXISTING CAN. PROVIDE CONTINUOUS PIANO HINGE DOOR. COORDINATE MAX SHUT DOWN WITH VA PRIOR TO REPLACING INTERIOR WITH NEW. ATS SHALL BE FULLY FUNCTIONAL PER EXISTING CONDITION UPON PROJECT COMPLETION.
2. REPLACE 600A, 3-POLE AUTO-TRANSFER SWITCH INTERIOR ASSEMBLY IN EXISTING CAN. PROVIDE CONTINUOUS PIANO HINGE DOOR. COORDINATE MAX SHUT DOWN WITH VA PRIOR TO REPLACING INTERIOR WITH NEW. ATS SHALL BE FULLY FUNCTIONAL PER EXISTING CONDITION UPON PROJECT COMPLETION.
3. PROVIDE WATERTIGHT SEAL.

OP5

4. PROVIDE BUCKET WITH 600AF/500AT CIRCUIT BREAKER IN SECTION D5/D6.
5. PROVIDE TEMPORARY FEEDER; LV-FP. SEE SCHEDULE ON SHEET ES801. FIELD DETERMINE ROUTING.
6. DISCONNECT EXISTING FEEDER AND CONNECT TEMPORARY FEEDER. PROVIDE MECHANICAL LUGS AS REQUIRED. PROVIDE TEMPORARY LABEL "TEMPORARY SOURCE FROM QMCC A2-D5.
7. REPLACE EXISTING AUTO-TRANSFER SWITCH WITH NEW, UL LISTED FOR FIRE PUMP SERVICE.
8. RESTORE CONNECTION TO ATS QA4.
9. REMOVE TEMPORARY FEEDER.
10. REMOVE BUCKET WITH 600AF/500AS CIRCUIT BREAKER.

GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
4. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV.
5. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.



AMENDMENT DRAWING

SUPERSEDES 100-EP109T4

Revisions	Date
REVISION 1	04-01-16

CONSULTANTS:

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SAZAN # 269-1507

Drawing Title: ENERGY PLANT PLAN - TEMPORARY #4

Approved Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date	Checked	Drawn
02-25-2016	K.ANDERSON	A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP109T4R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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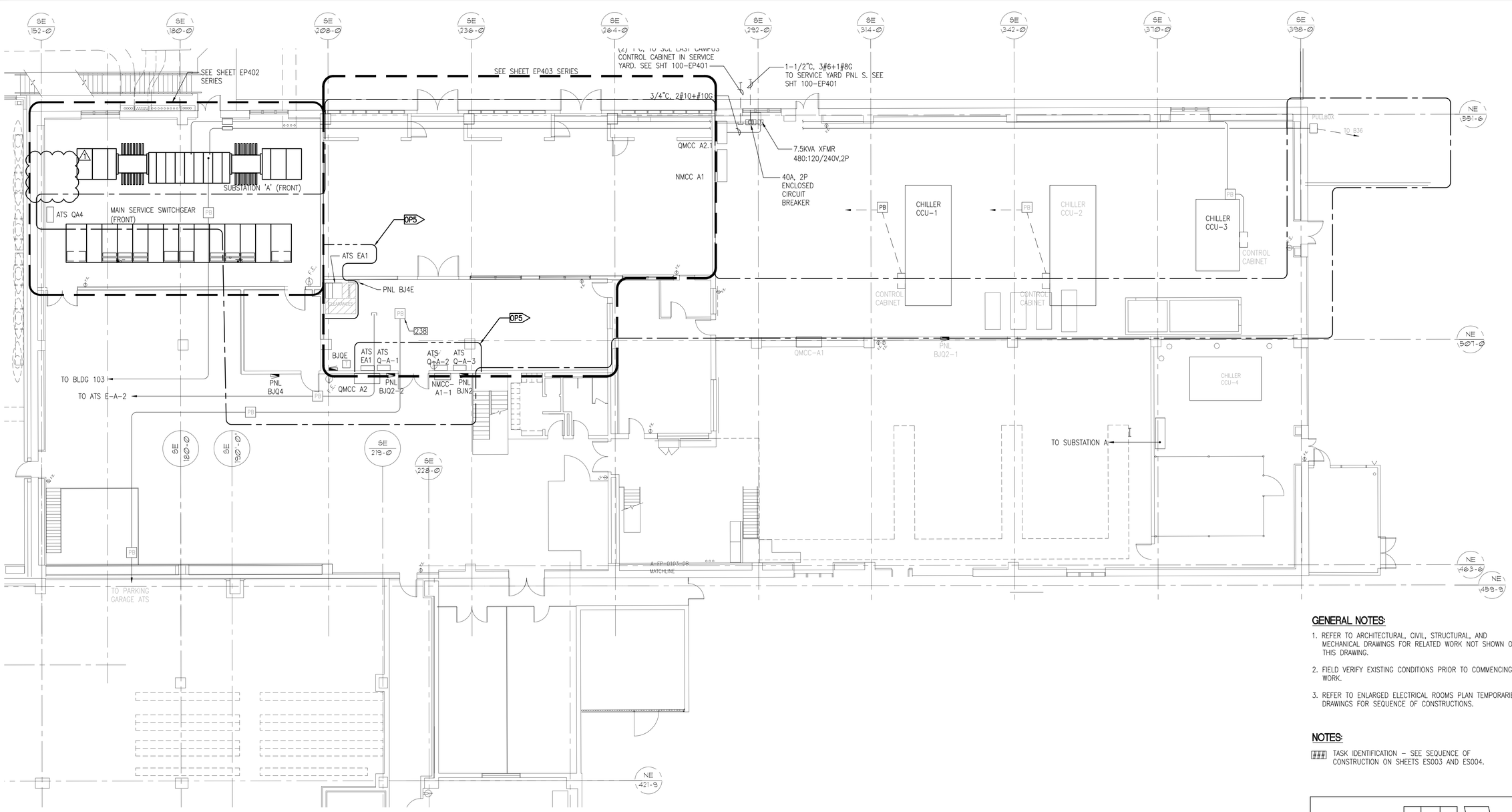

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2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.

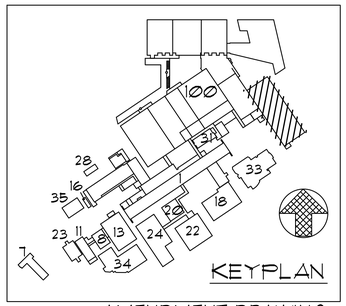
NOTES:

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003 AND ES004.

ENERGY PLANT PLAN - TEMPORARY POWER FEEDER ROUTING

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

0 2 4 8 16 20
1/8"=1'-0" feet



AMENDMENT DRAWING

SUPERSEDES 100-EP109

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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Tel 206.267.1700
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SAZAN # 269-1507

Drawing Title: ENERGY PLANT PLAN

Approved Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date	Checked	Drawn
02-25-2016	K.ANDERSON	A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP109R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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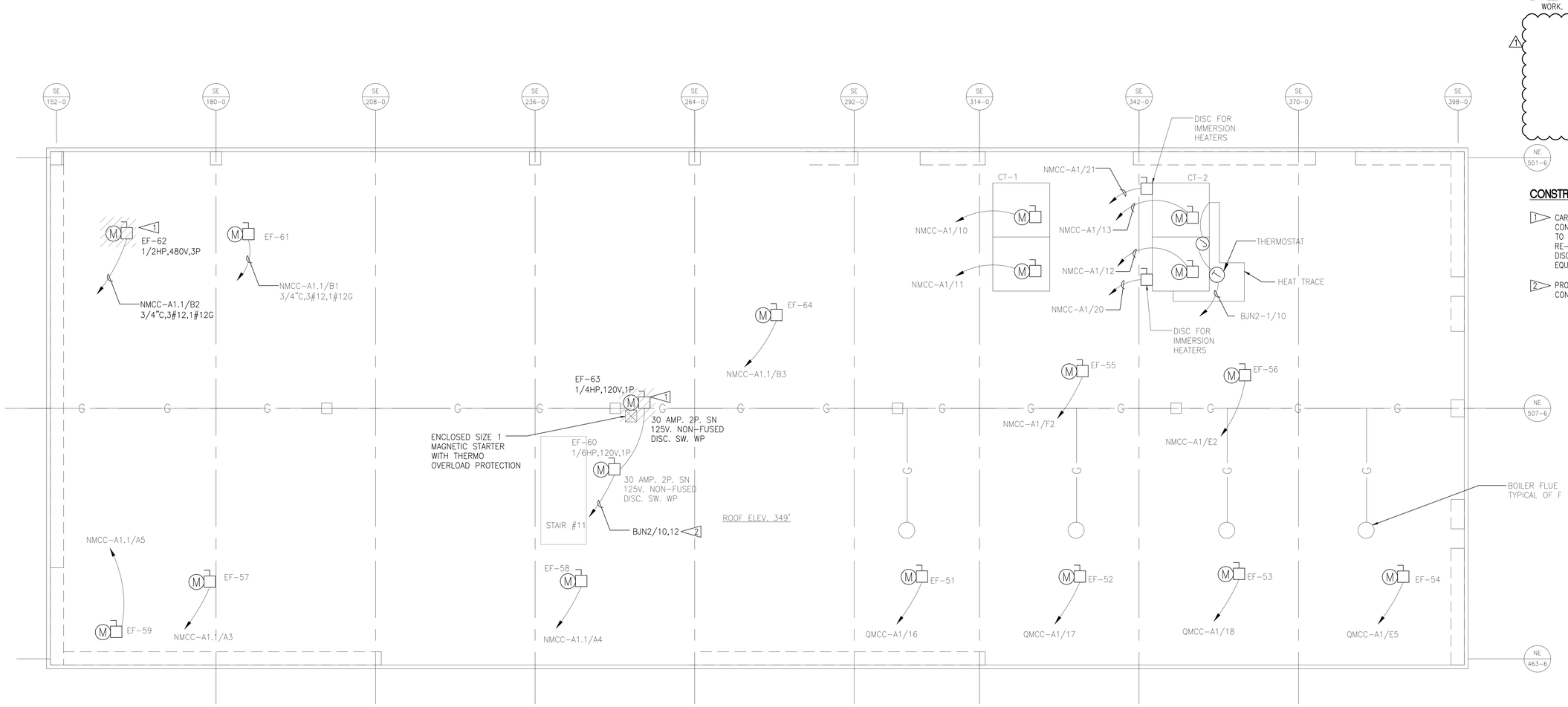
GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.



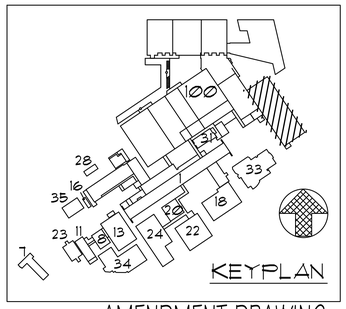
ROOF PLAN - ENERGY PLANT

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

0 2 4 8 16 24
1/8"=1'-0" feet

CONSTRUCTION NOTES:

1. CAREFULLY DISCONNECT AND REMOVE POWER CONNECTION, SAFETY DISCONNECT SWITCH AND STARTER TO EXHAUST FAN. MAINTAIN BRANCH CIRCUIT FOR RE-USE. COORDINATE WITH MECHANICAL PRIOR TO DISCONNECT. REFER TO 100-EP110 FOR NEW EQUIPMENT CONNECTION.
2. PROVIDE NEW 4#10, 1#10G CONDUCTORS IN EXISTING CONDUIT.



AMENDMENT DRAWING

SUPERSEDES 100-EP110T

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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Tel 206.267.1700
Fax 206.267.1701
SAZAN # 269-1507

Drawing Title: ROOF PLAN ENERGY PLANT - TEMPORARY

Approved: Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: S.SCHORN | Drawn: C.PETERS

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP110TR

Dwg -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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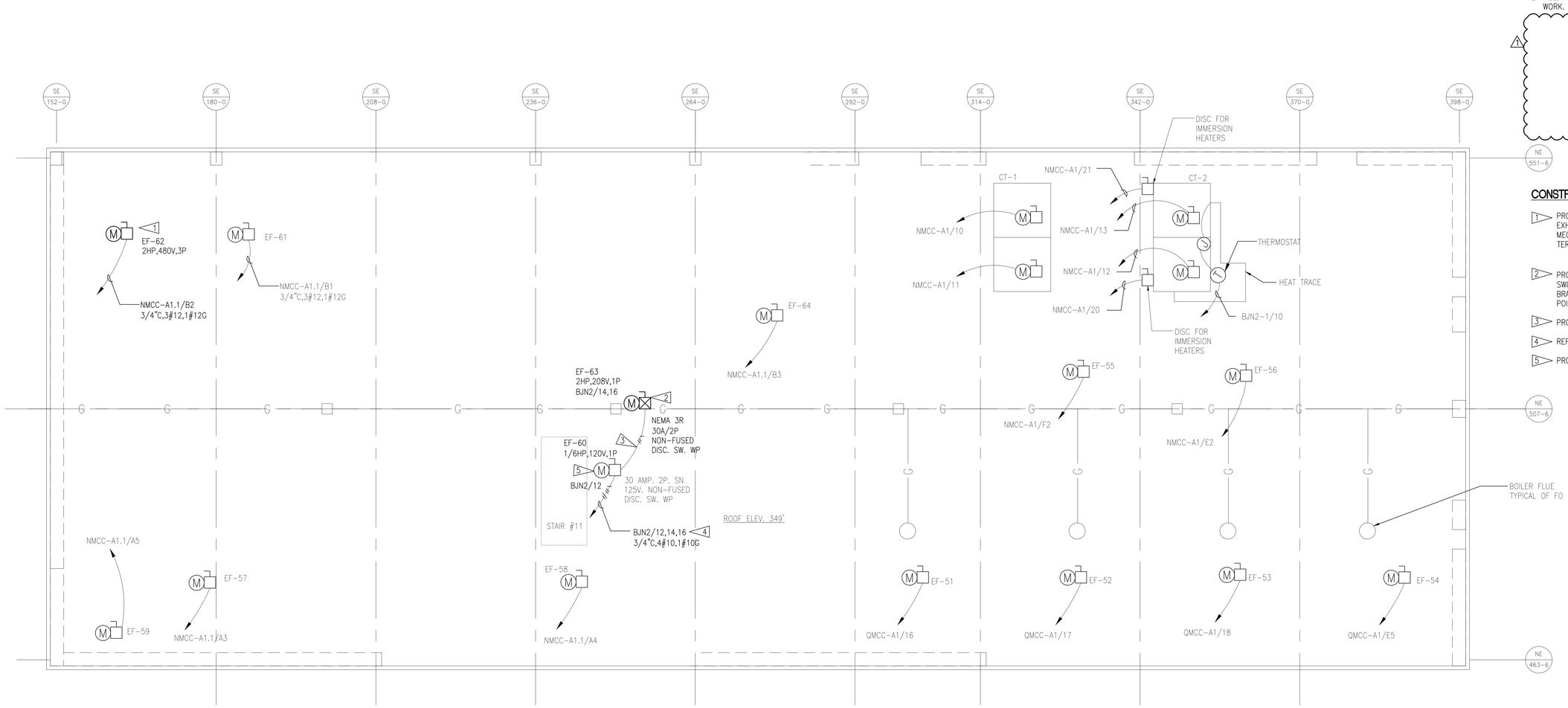
GENERAL NOTES:

1. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.



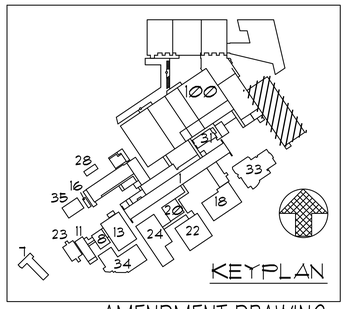
ROOF PLAN - ENERGY PLANT

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

0 2 4 8 16 24
1/8"=1'-0" feet

CONSTRUCTION NOTES:

1. PROVIDE NEMA 3R SAFETY DISCONNECT SWITCH. CONNECT EXHAUST FAN TO EXISTING BRANCH CIRCUIT. COORDINATE WITH MECHANICAL FOR EXACT POINT OF CONNECTION PRIOR TO TERMINATION.
2. PROVIDE NEMA 3R, COMBINATION STARTER SAFETY DISCONNECT SWITCH AS SHOWN. CONNECT EXHAUST FAN TO EXISTING BRANCH CIRCUIT. COORDINATE WITH MECHANICAL FOR EXACT POINT OF CONNECTION PRIOR TO TERMINATION.
3. PROVIDE NEW CONDUCTORS IN EXISTING CONDUIT.
4. REFER TO 100-EP101T FOR PANEL BJN2 LOCATION.
5. PROVIDE UPDATED LABEL UPON PROJECT COMPLETION.



AMENDMENT DRAWING

SUPERSEDES 100-EP110

Revisions:	Date
REVISION 1	04-01-16

CONSULTANTS:

SAZAN GROUP
600 Stewart St., Ste 1400
Seattle, Washington 98101
Tel 206.267.1700
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SAZAN # 269-1507

Drawing Title: ROOF PLAN ENERGY PLANT

Approved: Project Director: VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: S.SCHORN | Drawn: C.PETERS

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP110R

Dwg -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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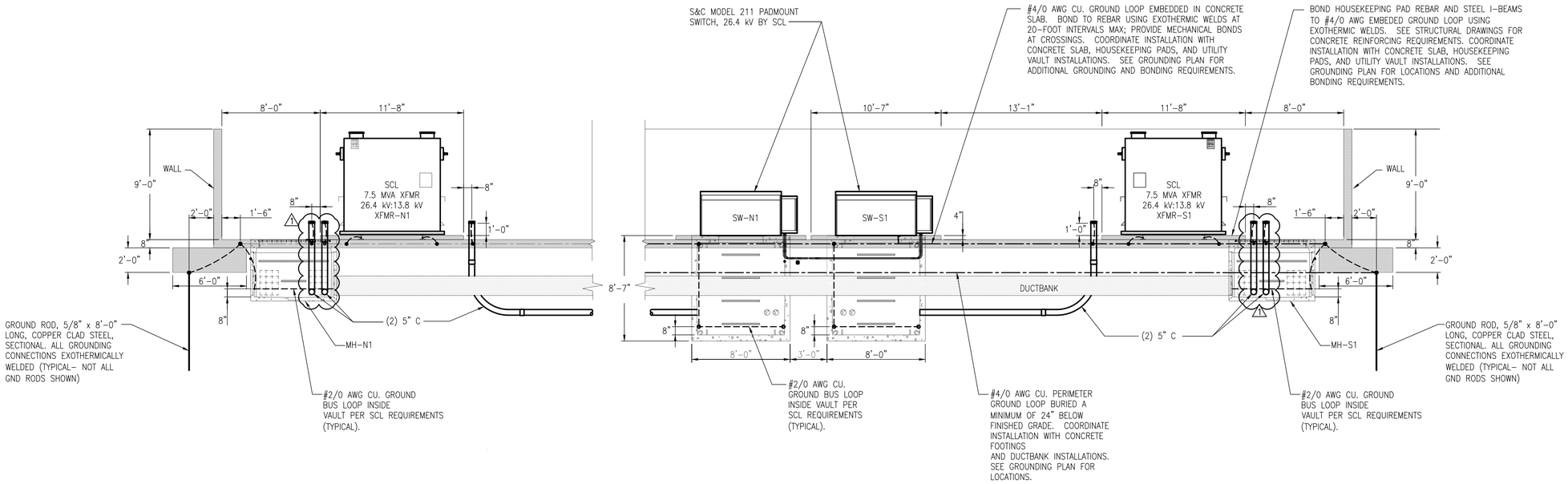

SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION

SCALE: 1/4"= 1'-0"

0 1 2 4 8 12
1/4"=1'-0" feet

GENERAL NOTES:

1. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED TO IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5kV TO 15kV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
2. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
3. REFER TO SEQUENCE OF CONSTRUCTION NORMAL POWER SYSTEM AND ESSENTIAL POWER SYSTEM UPGRADE, ES003 AND ES004.
4. ALL WORK IN SERVICE YARD SHALL BE PER SEATTLE CITY LIGHT (SCL) REQUIREMENTS.
5. ALL WORK IN SERVICE YARD SHALL BE COORDINATE WITH SEATTLE LIGHTING PRIOR COMMENCING WORK.
6. REFER TO 100-EP401 FOR SCL EAST CAMPUS ENLARGED SERVICE YARD.
7. REFER TO EY401 FOR SCL EAST CAMPUS FOR GROUNDING PLAN.

CONSTRUCTION NOTES:

AMENDMENT DRAWING

SUPERSEDES 100-EP201

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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SAZAN # 269-1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION -

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: K.ANDERSON | Drawn: A.WOOLF

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP201R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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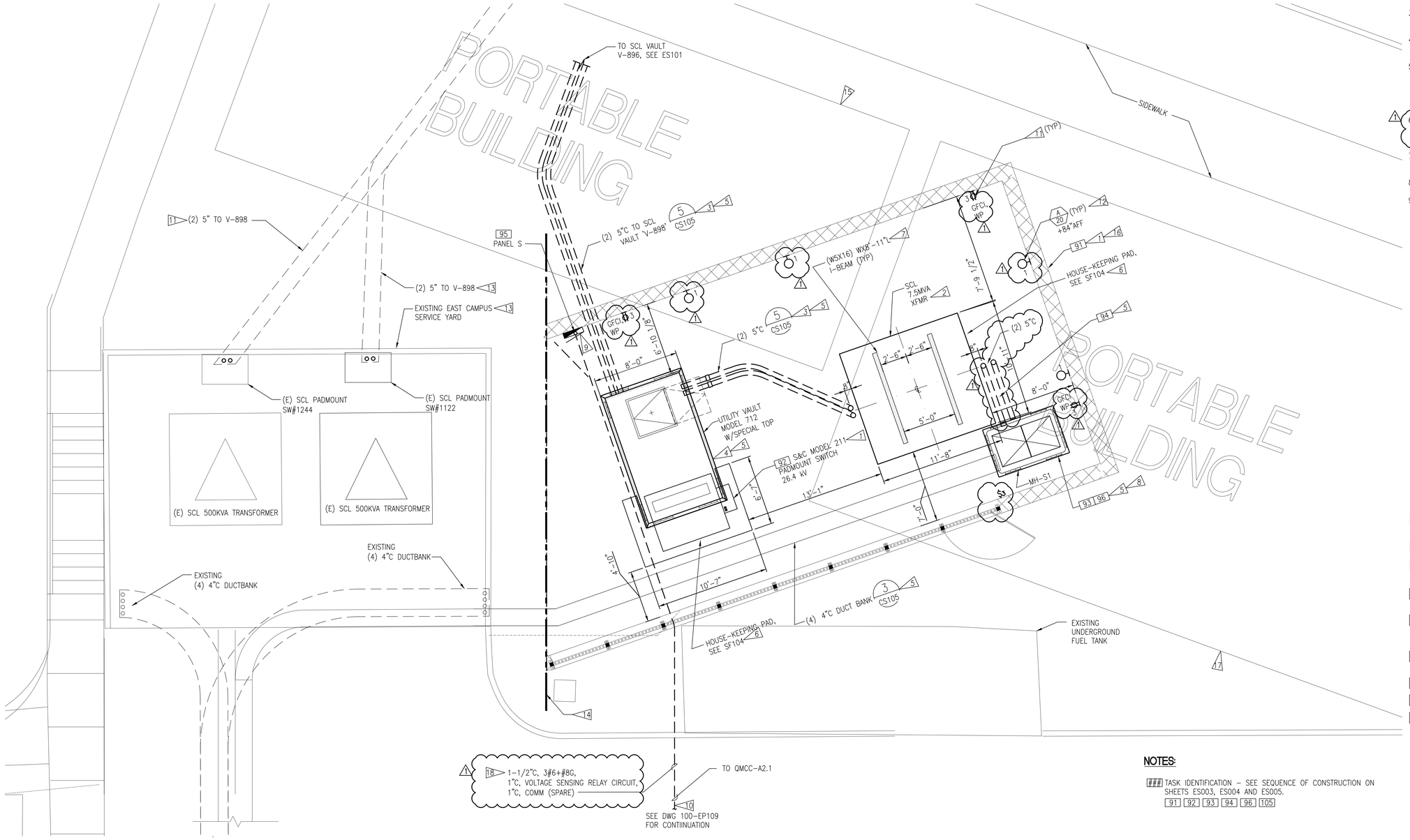


SCL EAST CAMPUS SERVICE YARD ENLARGED PLAN - TEMPORARY #1

SCALE: 1/4" = 1'-0"

0 1 2 4 8 12

1/4" = 1'-0" feet

N

GENERAL NOTES:

1. ALL WORK IN SERVICE YARD SHALL BE PER SCL (SCL) REQUIREMENTS. COORDINATE WITH SCL PRIOR COMMENCING WORK.
2. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
5. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
6. REFER TO 100-EP800 FOR FEEDER SCHEDULE.
7. REFER TO 100-EP201 FOR SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION.
8. REFER TO 100-EY401 FOR GROUNDING PLAN.
9. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

CONSTRUCTION NOTES:

1. ALL WORK IN THIS AREA SHALL BE PER SCL STANDARDS AND REQUIREMENTS.
2. ELECTRICAL EQUIPMENT: FURNISHED BY SCL, INSTALLED BY CONTRACTOR. COORDINATE WITH SCL PRIOR TO INSTALLATION.
3. PROVIDE CONDUITS PER SCL REQUIREMENT. COORDINATE WITH SCL PRIOR TO INSTALLATION.
4. PROVIDE ELECTRICAL VAULT PER SCL REQUIREMENT.
5. REFER TO CIVIL DRAWING FOR REQUIREMENT.
6. PROVIDE HOUSE-KEEPING PAD AS SHOWN.
7. PROVIDE I-BEAM AS SHOWN. COORDINATE WITH SCL PRIOR TO INSTALLATION.
8. PROVIDE ELECTRICAL MANHOLE 575-LA WITH SLIP RESISTANCE COVER OR APPROVED EQUAL.
9. PROVIDE 100A, 120/208V, 1ø, 3-W, 18 CIRCUITS NEMA 3R PANELBOARD, WITH 2P/50A MAIN BREAKER AND FUSED VOLTAGE SENSING RELAY CONNECTED BETWEEN PHASE BUSES.
10. PROVIDE (1) 1-1/2" AND (2) 1" DIRECT BURIED PVC-80 CONDUITS BETWEEN PANEL LOCATION AND ENERGY PLANT. STUB 1" CONDUITS TO 6" ABOVE GRADE AND CAP. EXTEND 1-1/2" CONDUIT TO PANEL. INSTALL (3) #6 + #8G TO PANELBOARD MAINS.
11. PROVIDE GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.
12. PROVIDE CONDUIT AND CONDUCTORS BACK TO PANEL 'S'.
13. EXISTING TO REMAIN IN SERVICE DURING SOUTH YARD CONSTRUCTION.
14. BOUNDARY LINE FOR FIRST STAGE OF SEATTLE CITY LIGHT (SCL) EAST CAMPUS SERVICE YARD CONSTRUCTION.
15. COORDINATE WITH VA FOR REMOVAL OF EXISTING PORTABLE BUILDING PRIOR TO CONSTRUCTION OF SCL EAST CAMPUS SERVICE YARD.
16. REFER TO ARCHITECTURAL, CIVIL AND STRUCTURAL FOR INSTALLATION REQUIREMENTS.
17. RELOCATE PORTABLE BLDG. REFER TO ES101 FOR NEW LOCATION.
18. PANEL S FEEDER.
19. CONTROL CONDUITS TO CONTROL CABINET, SEE 100-EP401T2.

NOTES:

TASK IDENTIFICATION - SEE SEQUENCE OF CONSTRUCTION ON SHEETS ES003, ES004 AND ES005.

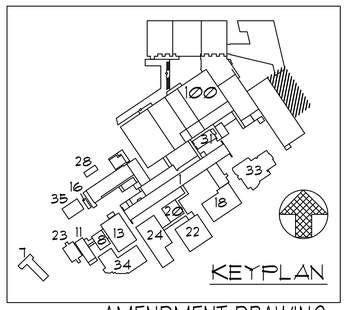
91 92 93 94 96 105

LEGEND:

A/20 WALL PACK RUGGED CAST ALUMINUM, CORROSION-RESISTANT REAR MOUNTING PLATE. 120V DRIVER, OPERATING TEMPERATURE -40°C TO 40° C. LITHONIA OLWP 11, PE BRONZE. MOUNT +7'-0" AFF.

GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.

$3 THREE WAY LIGHT SWITCH W/WEATHERPROOF COVER.



AMENDMENT DRAWING

SUPERSEDES 100-EP401T1

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REVISION 1	04-01-16
Revisions	Date

CONSULTANTS:

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600 Stewart St., Ste 1400
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SAZAN # 269-1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD - TEMPORARY #1

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV-TEMP #1

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: A. WOOLF | Drawn: S. LIM

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP401T1R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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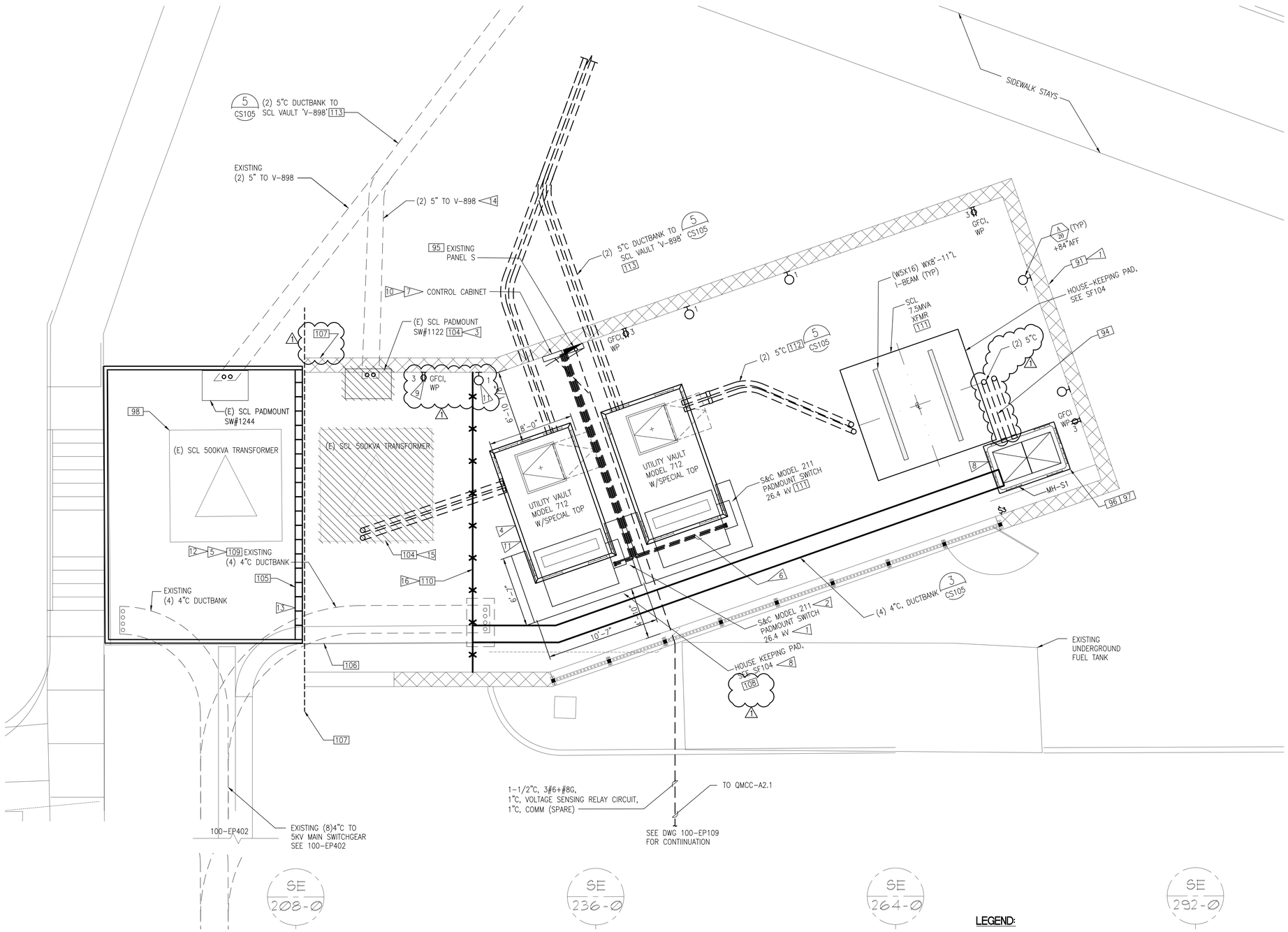

SCL EAST CAMPUS SERVICE YARD ENLARGED PLAN - TEMPORARY #2

SCALE: 1/4"= 1'-0"

0 1 2 4 8 12
1/4"=1'-0" feet

N

GENERAL NOTES:

1. ALL WORK IN SERVICE YARD SHALL BE PER SCL (SCL) REQUIREMENTS. COORDINATE WITH SCL PRIOR COMMENCING WORK.
2. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
5. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
6. REFER TO 100-EP800 FOR PANEL SCHEDULE.
7. REFER TO 100-EP201 FOR SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION.
8. REFER TO 100-EY401 FOR GROUNDING PLAN.
9. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

CONSTRUCTION NOTES:

1. ALL WORK IN THIS AREA SHALL BE PER SCL STANDARDS AND REQUIREMENTS.
2. ELECTRICAL EQUIPMENT: FURNISHED BY SCL, INSTALLED BY CONTRACTOR. COORDINATE WITH SCL PRIOR TO INSTALLATION.
3. PROVIDE CONDUITS PER SCL REQUIREMENT. COORDINATE WITH SCL PRIOR TO INSTALLATION.
4. PROVIDE ELECTRICAL VAULT PER SCL REQUIREMENT.
5. REFER TO CIVIL DRAWING FOR REQUIREMENT.
6. PROVIDE CONDUIT AND CONDUCTORS, COORDINATE W/SCL FOR CONDUCTORS SIZE AND REQUIREMENTS.
7. COORDINATE WITH SCL FOR NEMA 3R CONTROL CABINET REQUIREMENTS. INSTALL NEXT TO PANEL S. EXTEND 1" CONDUITS UP TO CONTROL CABINET.
8. REFER TO STRUCTURAL DRAWING FOR REQUIREMENT.
9. PROVIDE GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG. PROVIDE CONDUIT AND CONDUCTORS BACK TO PANEL 'S'.
10. PROVIDE CONTROL CABINET POWER FROM PANEL S PER SCL REQUIREMENTS. ROUTE (2) #8 WIRES FROM VOLTAGE SENSING RELAY CONTACTS IN PANEL S THROUGH CONTROL CABINET TO ENERGY PLANT TERMINAL BOX.
11. PROVIDE LIGHTING FIXTURE AS SHOWN.
12. INTERCEPT EXISTING DUCT BANK AND EXTEND TO MH-S1.
13. COORDINATE WITH SEATTLE CITY LIGHT (SCL) TO INSTALL CMU DIVIDING WALL AS CONSTRUCTION BARRIER ACROSS EXISTING SERVICE YARD.
14. COORDINATE REMOVAL OF 26KV FEEDER WITH SCL (SCL).
15. COORDINATE REMOVAL OF SCL SERVICE TRANSFORMER WITH SCL.
16. COORDINATE WITH SCL TO INSTALL SEPARATION FENCE.

NOTES

TASK IDENTIFICATION - SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003 AND ES004.

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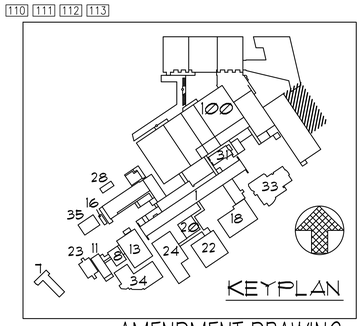
110 111 112 113



LEGEND:

- A/20 — WALL PACK RUGGED CAST ALUMINUM, CORROSION-RESISTANT REAR MOUNTING PLATE. 120V DRIVER, OPERATING TEMPERATURE -40°C TO 40° C. LITHONIA OLWP 11, PE BRONZE. MOUNT +7'-0" AFF.
- GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.
- $3 — THREE WAY LIGHT SWITCH W/WEATHERPROOF COVER.

AMENDMENT DRAWING

SUPERSEDES 100-EP401T2

Revisions:	Date
REVISION 1	04-01-16
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CONSULTANTS:

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Seattle, Washington 98101
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SAZAN # 269-1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD - TEMPORARY #2

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV-TEMP #1

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: A. WOOLF | Drawn: S. LIM

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP401T2R

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Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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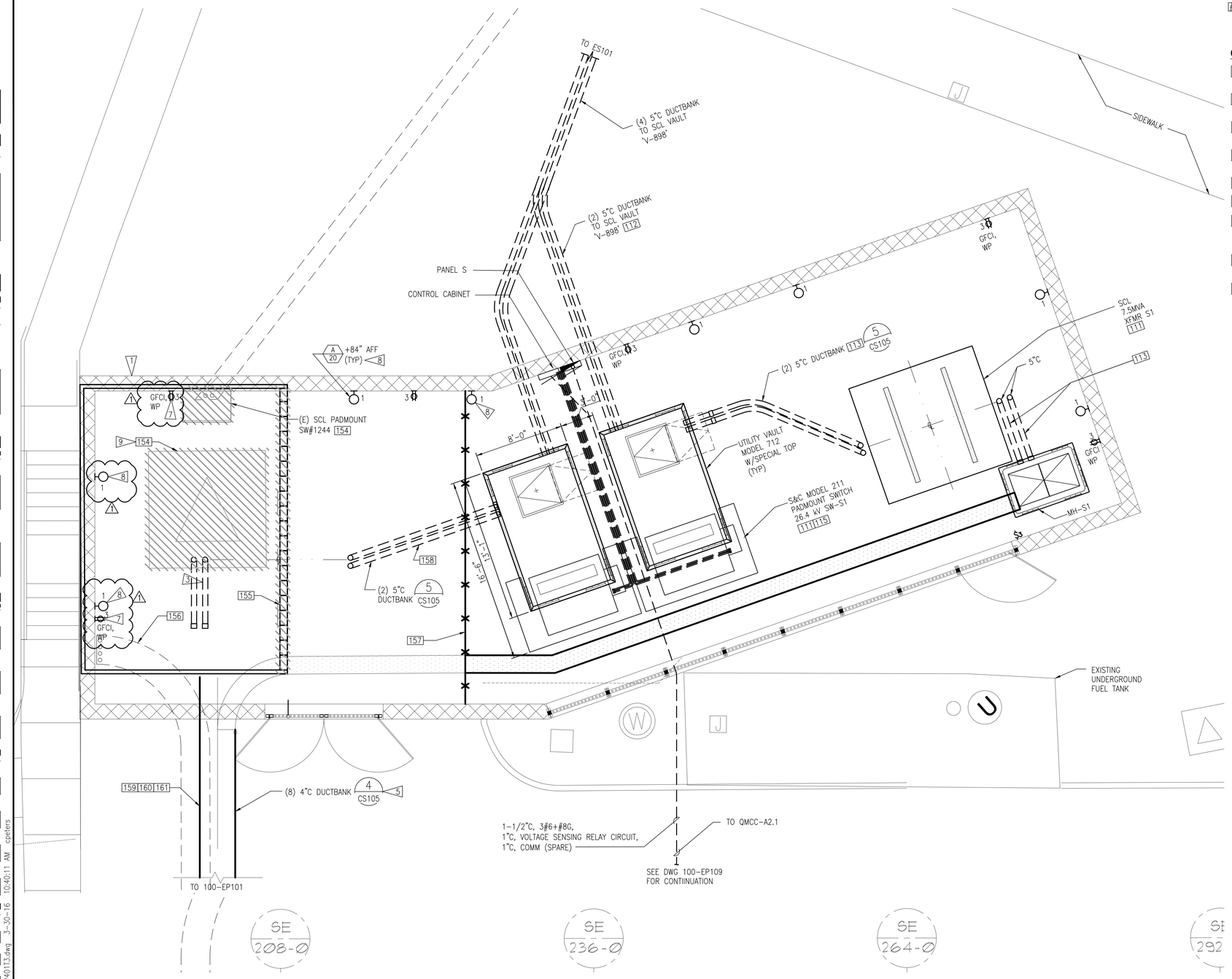


NOTES

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003 AND ES004.

111 112 113 115 154 158 159 160 161

CONSTRUCTION NOTES:

1. ALL WORK IN THIS AREA SHALL BE PER SCL STANDARDS AND REQUIREMENTS.
2. ELECTRICAL EQUIPMENT: FURNISHED BY SCL, INSTALLED BY CONTRACTOR. COORDINATE WITH SCL PRIOR TO INSTALLATION.
3. PROVIDE CONDUITS PER SCL REQUIREMENT. COORDINATE WITH SCL PRIOR TO INSTALLATION.
4. PROVIDE ELECTRICAL MANHOLE 575-LA WITH SLIP RESISTANCE COVER OR APPROVED EQUAL.
5. REFER TO CIVIL DRAWING FOR REQUIREMENT.
6. PROVIDE HOUSE-KEEPING PAD AS SHOWN.
7. PROVIDE GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG. PROVIDE CONDUIT AND CONDUCTORS BACK TO PANEL 'S.'
8. PROVIDE LIGHTING FIXTURE AS SHOWN. PROVIDE CONDUIT AND CONDUCTORS BACK TO PANEL 'S.'
9. COORDINATE REMOVAL OF SERVICE TRANSFORMER WITH SCL.

GENERAL NOTES:

1. ALL WORK IN SERVICE YARD SHALL BE PER SCL (SCL) REQUIREMENTS. COORDINATE WITH SCL PRIOR COMMENCING WORK.
2. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
5. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
6. REFER TO 100-ES800 FOR PANEL SCHEDULE.
7. REFER TO 100-EP201 FOR SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION.
8. REFER TO 100-EY401 FOR GROUNDING PLAN.
9. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

LEGEND:

A/20 WALL PACK RUGGED CAST ALUMINUM, CORROSION-RESISTANT REAR MOUNTING PLATE. 120V DRIVER, OPERATING TEMPERATURE -40°C TO 40° C. LITHONIA OLWP 11, PE BRONZE. MOUNT +7'-0" AFF.

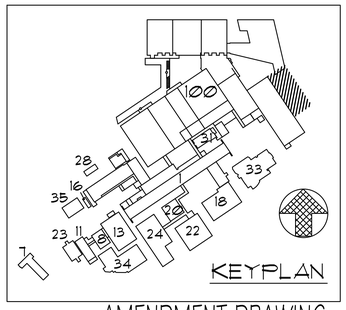
GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.

1 $3 THREE WAY LIGHT SWITCH W/WEATHERPROOF COVER.

SCL EAST CAMPUS SERVICE YARD
ENLARGED PLAN - POWER

SCALE: 1/4"= 1'-0"

0 1 2 4 8 12
1/4"=1'-0" feet



AMENDMENT DRAWING

SUPERSEDES 100-EP401T3

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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SAZAN # 269-1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD - TEMPORARY #3

Approved: Project Director
-
-
VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV-TEMP #1

Location: 1660 South Columbian Way, Seattle, WA 98108

Date	Checked	Drawn
02-25-2016	A. WOOLF	S. LIM

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP401T3R

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Office of Construction and Facilities Management

Department of Veterans Affairs

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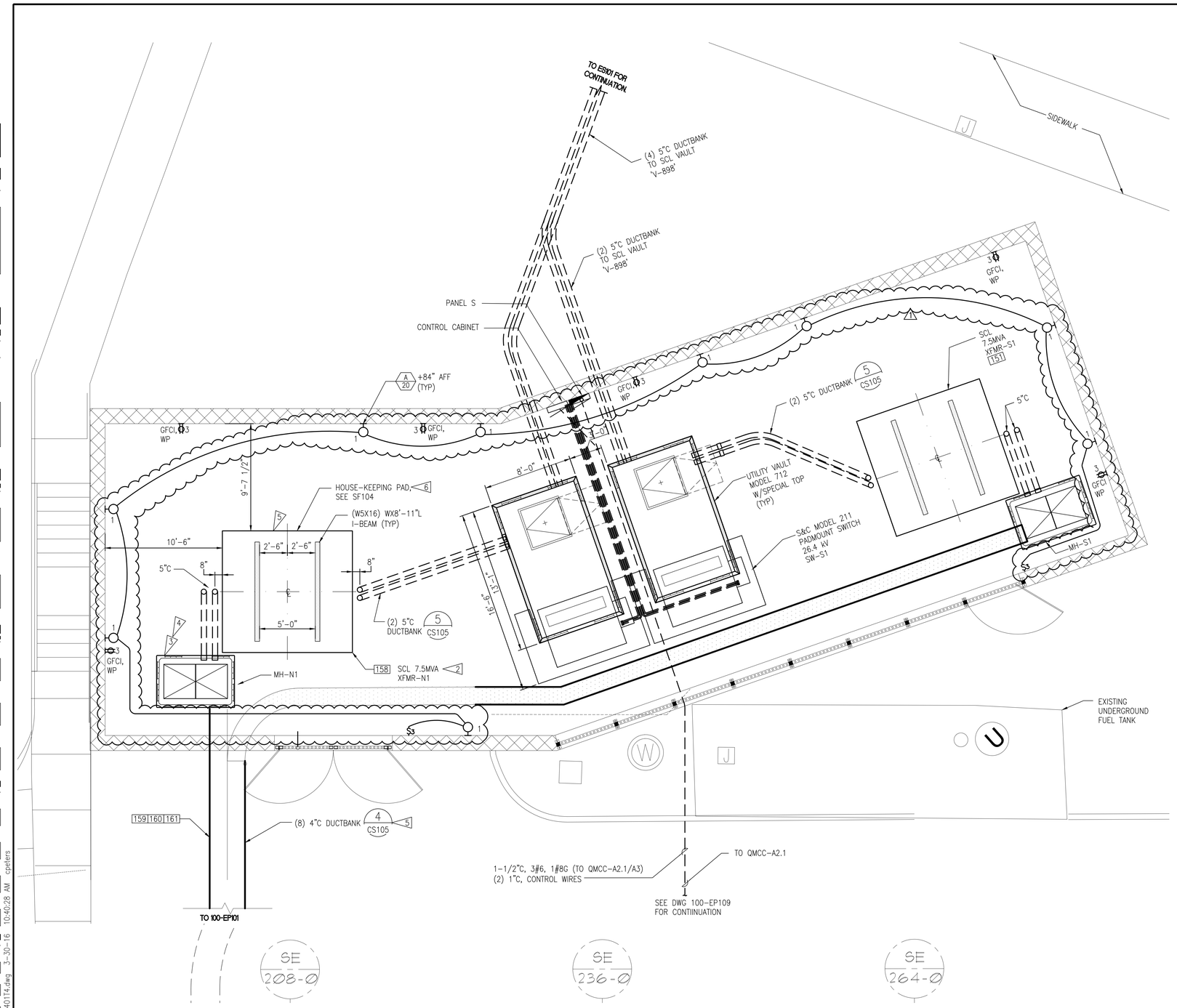


SCL EAST CAMPUS SERVICE YARD
ENLARGED PLAN - POWER TEMPORARY #4

SCALE: 1/4"= 1'-0"

0 1 2 4 8 12
1/4"=1'-0" feet

N

NOTES

TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003 AND ES004.

111 112 113 115 154 156 158 159 160 161

LEGEND:

A/20 WALL PACK RUGGED CAST ALUMINUM, CORROSION-RESISTANT REAR MOUNTING PLATE. 120V DRIVER, OPERATING TEMPERATURE -40°C TO 40° C. LITHONIA OLWP 11, PE BRONZE. MOUNT +7'-0" AFF.

GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.

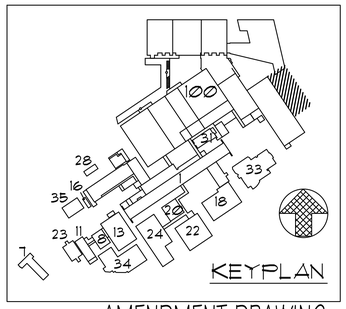
$3 THREE WAY LIGHT SWITCH W/WEATHERPROOF COVER.

CONSTRUCTION NOTES:

1. ALL WORK IN THIS AREA SHALL BE PER SCL STANDARDS AND REQUIREMENTS.
2. ELECTRICAL EQUIPMENT: FURNISHED BY SCL, INSTALLED BY CONTRACTOR. COORDINATE WITH SCL PRIOR TO INSTALLATION.
3. PROVIDE ELECTRICAL MANHOLE 575-LA WITH SLIP RESISTANCE COVER OR APPROVED EQUAL.
4. REFER TO CIVIL DRAWING FOR REQUIREMENT.
5. PROVIDE HOUSE-KEEPING PAD AS SHOWN.

GENERAL NOTES:

1. ALL WORK IN SERVICE YARD SHALL BE PER SCL (SCL) REQUIREMENTS. COORDINATE WITH SCL PRIOR COMMENCING WORK.
2. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
5. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5kV TO 15kV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
6. REFER TO 100-ES800 FOR PANEL SCHEDULE.
7. REFER TO 100-EP201 FOR SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION.
8. REFER TO 100-EY401 FOR GROUNDING PLAN.
9. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.



AMENDMENT DRAWING

SUPERSEDES 100-EP401T4

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REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

SAZAN GROUP
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SAZAN # 269.1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD - TEMPORARY #4

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV-TEMP #1

Location: 1660 South Columbian Way, Seattle, WA 98108

Date	Checked	Drawn
02-25-2016	A. WOOLF	S. LIM

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP401T4R

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Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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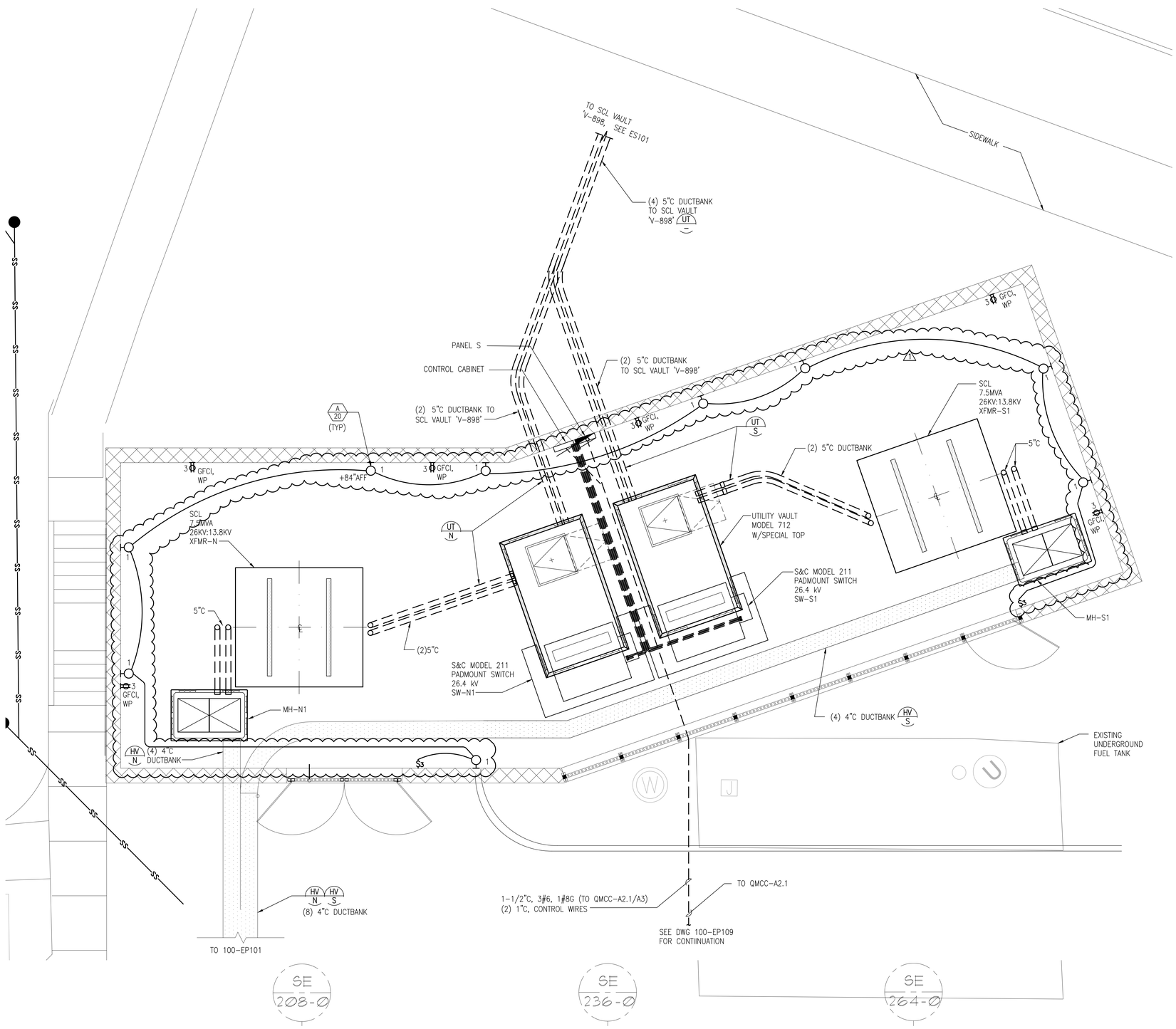

LEGEND:

A 20 — WALL PACK RUGGED CAST ALUMINUM, CORROSION-RESISTANT REAR MOUNTING PLATE. 120V DRIVER, OPERATING TEMPERATURE -40°C TO 40° C. LITHONIA OLWP 11, PE BRONZE. MOUNT +7'-0" AFF.

GFCI DUPLEX RECEPTACLE WITH WHILE-IN-USE METAL COVER +18" AFG.

1 $3 THREE WAY LIGHT SWITCH W/WEATHERPROOF COVER.

CONSTRUCTION NOTES:

GENERAL NOTES:

1. ALL WORK IN SERVICE YARD SHALL BE PER SCL (SCL) REQUIREMENTS. COORDINATE WITH SCL PRIOR COMMENCING WORK.
2. REFER TO ARCHITECTURAL, CIVIL, STRUCTURAL, AND MECHANICAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
3. FIELD VERIFY EXISTING CONDITIONS PRIOR TO COMMENCING WORK.
4. REFER TO ENLARGED ELECTRICAL ROOMS PLAN TEMPORARIES DRAWINGS FOR SEQUENCE OF CONSTRUCTIONS.
5. THE EXISTING SCL EAST CAMPUS SERVICE YARD SHALL BE ENLARGED IN STAGES TO ACCOMMODATE THE SERVICE UPGRADE FROM 5KV TO 15KV. REFER TO ARCHITECTURAL, CIVIL, AND STRUCTURAL DRAWINGS FOR RELATED WORK NOT SHOWN ON THIS DRAWING.
6. REFER TO 100-ES800 FOR PANEL SCHEDULE..
7. REFER TO 100-EP201 FOR SCL EAST CAMPUS SERVICE YARD EQUIPMENT ELEVATION.
8. REFER TO 100-EY401 FOR GROUNDING PLAN.
9. REFER TO ES800 AND ES801 FOR FEEDER SCHEDULE.

NOTES

XXX TASK IDENTIFICATION – SEE SEQUENCE OF CONSTRUCTION ON SHEET ES003, ES004 AND ES005

SCL (SCL) EAST CAMPUS
ENLARGED SERVICE YARD - POWER

SCALE: 1/4"= 1'-0"

N

0 1 2 4 8 12
1/4"=1'-0" feet

AMENDMENT DRAWING

SUPERSEDES 100-EP401

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-	-
REVISION 1	04-01-16
Revisions:	Date

CONSULTANTS:

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SAZAN # 269-1507

Drawing Title: SCL EAST CAMPUS SERVICE YARD - POWER

Approved Project Director: - - VAPAHCS PLANNING AND ENGINEERING

Project Title: VA PUGET SOUND HEALTH CARE SYSTEM UPGRADE SEATTLE ELECTRICAL DISTRIBUTION FROM 5kV TO 15kV

Location: 1660 South Columbian Way, Seattle, WA 98108

Date: 02-25-2016 | Checked: A. WOOLF | Drawn: S. LIM

Project Number: 663-15-102

Building Number: 100

Drawing Number: 100-EP401R

Dwg. -- of --

Office of Construction and Facilities Management

Department of Veterans Affairs

VA FORM 08-6231

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