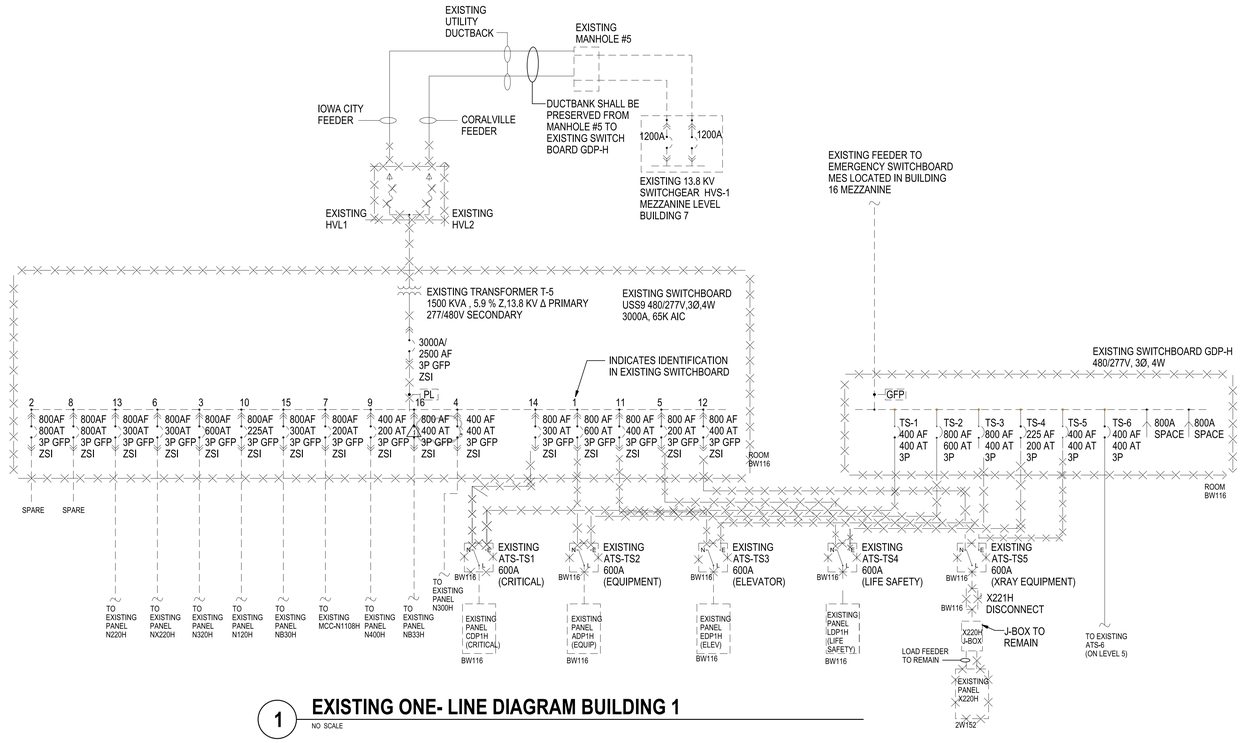
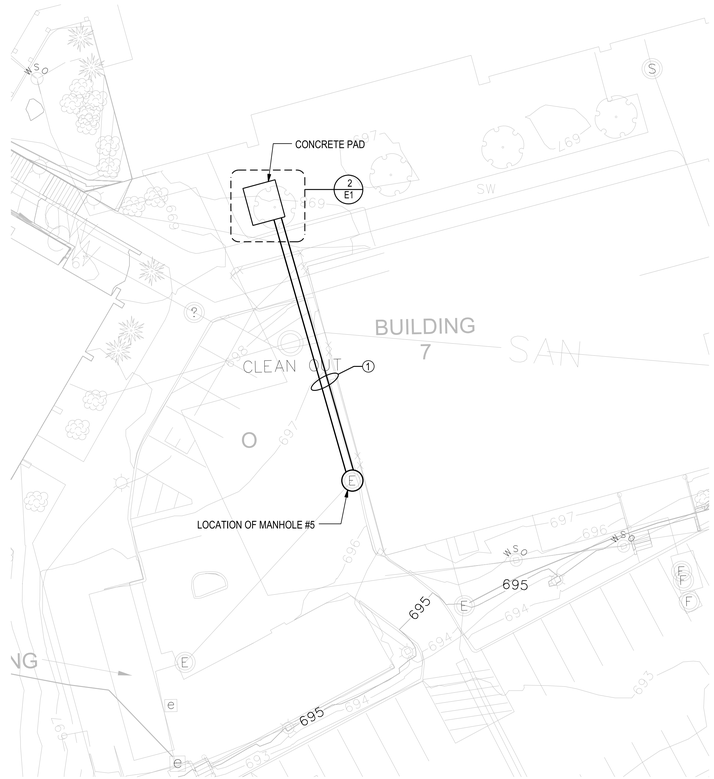


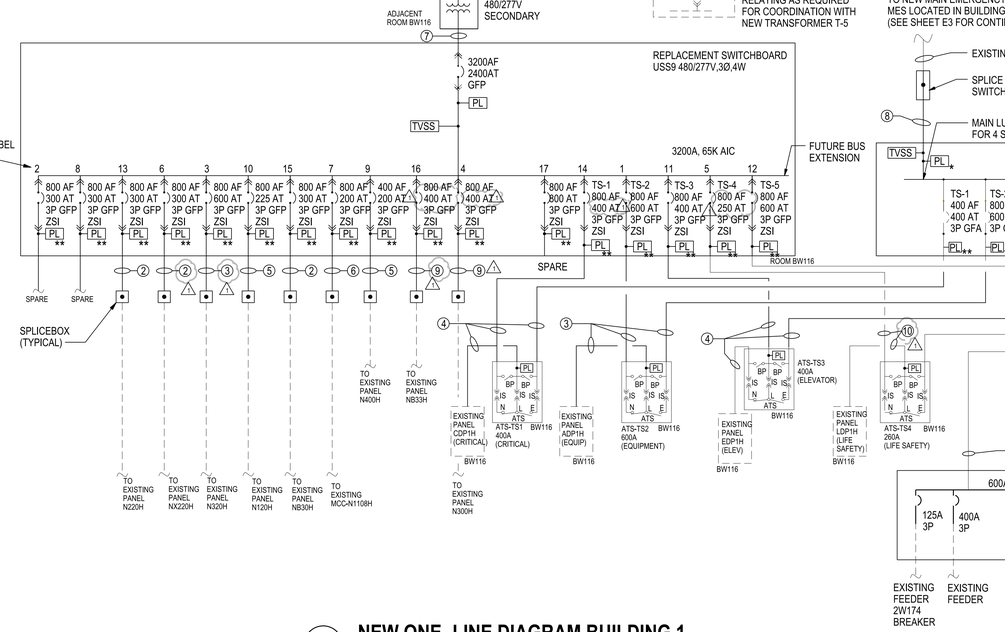
1 EXISTING ONE- LINE DIAGRAM BUILDING 1

NO SCALE



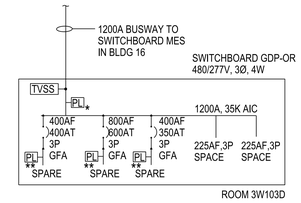
3 PARTIAL SITE PLAN-ELECTRICAL

1/16" =1'-0"



2 NEW ONE- LINE DIAGRAM BUILDING 1

NO SCALE



FEEDER SCHEDULE

1. CONCRETE ENCASED DUCTBANK WITH 2- 5" C +1 -2" C 1 ACTIVE WITH 3-#2,15KV, 1 SPARE 5" C 1 SPACE 2" C
2. 4-350 kcmil +1- #1 GRD. 3" C
3. 2 SETS OF 4-350 kcmil +1- #1 GRD. 3" C
4. 2 SETS OF 4- 4/0+1- #3 GRD. 2 1/2" C
5. 4- 4/0+1- #4 GRD. 2 1/2" C
6. 3- 4/0+1- #4 GRD., 2" C
7. CONCRETE ENCASED DUCTBANK WITH 7 SETS OF 4-500 kcmil +1-3/0 GRD., 4" C + 1-4" C (EMPTY)
8. 2 SETS OF 4-500 kcmil +1-4/0 GRD., 4" C
9. 2 SETS OF 4 - #3/0 +1 - #2 GRD., 2 1/2" C.
10. 4 -250kcmil + 1 #4 GRD., 3" C.

NOTE:
ALL SPACES SHALL BE PREPARED WITH FULL HARDWARE BUS AND WIRING FOR FUTURE DEVICES AND POWER LOGIC METERING.

1 SD-1	06-08-2012				
REVISIONS	DATE	REVISIONS	DATE	REVISIONS	DATE

HEERY
Heery International Inc.
125 South Dubuque Street,
Suite 500,
Iowa City, IA 52240-4003
319.354.4700

project number 11-25500

DRAWING TITLE: ELECTRICAL ONE-LINE DIAGRAMS BUILDING 1
CONSTRUCTION DOCUMENTS

PROJECT TITLE: ELECTRICAL SITE DEVELOPMENT
BUILDING NO.: BLDG 1, 7, 16 | CHECKED: RAL | DRAWN: DAS
LOCATION: ICVA HEALTH CARE SYSTEM

DATE: 02/29/2012
PROJECT NO.: 636A8-12-002
DRAWING NO.: E4
DWG. OF

PROJECT: ICVA HEALTH CARE SYSTEM IOWA CITY, IA ELECTRICAL SITE DEVELOPMENT (PROJ. # 636A8-12-002)
DRAWING TITLE: ELECTRICAL ONE-LINE DIAGRAMS BUILDING 1
DRAWING APPLIES TO CONTRACT DOCUMENTS, SHEET(S): E4
PROJ. NO. 1125500 | DR. BY FF
DATE 06-08-2012 | CHK. BY RL
HEERY 125 South Dubuque Street, Suite 500 Iowa City, Iowa 52240-4003 319.354.4700
SUPPLEMENTAL DRAWING NO. SD-1
1 SHEET OF 1

OFFICE OF FACILITIES
DEPARTMENT OF VETERANS AFFAIRS

PROJECT: IC - VVAMC - MASC ELECTRICAL IMPROVEMENTS
SHEET TITLE: F A S I L I T I E S - 1 1 2 5 5 0 0 - C A D D \ S D S \ S D 1 - E 4 - 1 1 2 5 5 0 0 . D G N
PLOTTED BY: RICK PEREZ PEN TABLE: H I - L P C O P Y \ H E E R Y - F L R P L A N . P E N
ONE-EIGTH INCH = ONE FOOT
ONE-QUARTER INCH = ONE FOOT
THREE-EIGHTHS INCH = ONE FOOT
ONE-HALF INCH = ONE FOOT
ONE INCH = ONE FOOT
ONE AND ONE-HALF INCHES = ONE FOOT
THREE INCHES = ONE FOOT
VA FORM 08-6231, FEB. 1983