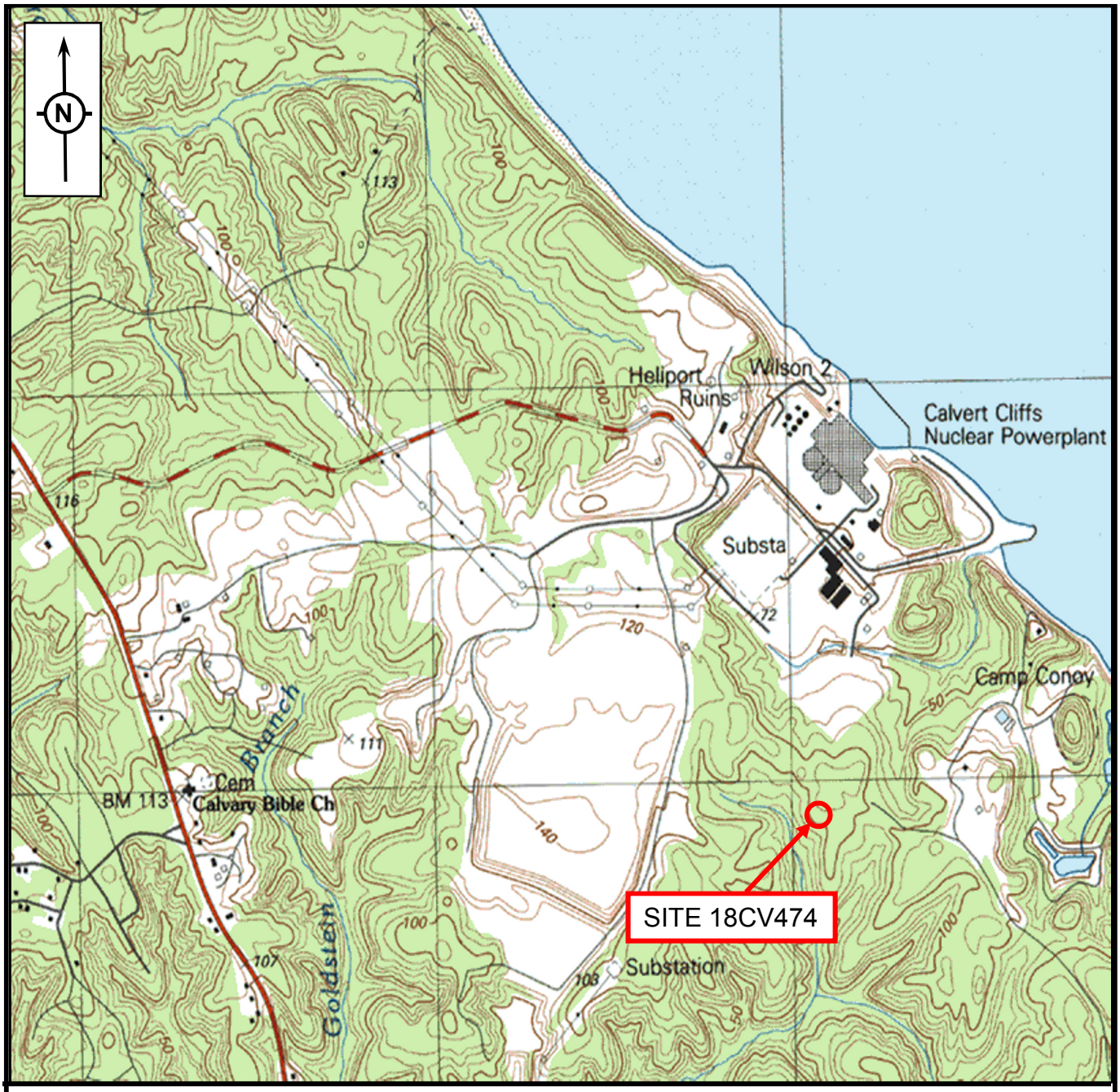

SOURCE: 1987 USGS 7.5-MINUTE COVE POINT, MD

Scale

0 1000 2000 ft

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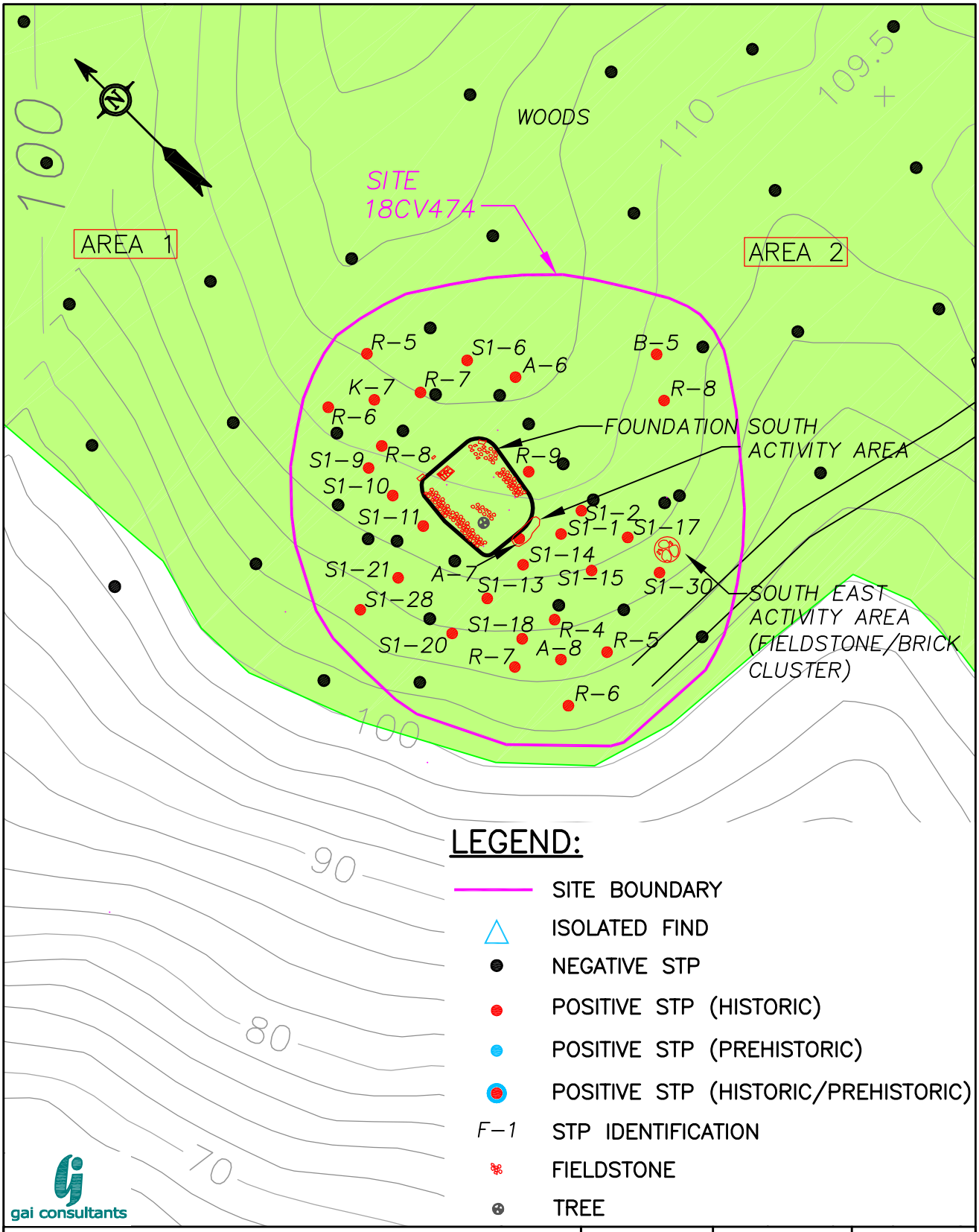
FIGURE 9-1
SITE 18CV474 LOCATION

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN TJN	CHKD BAM
APPD. BAM	DATE 3/7/07
SCALE AS NOTED	
DRAWING NUMBER C080212.00	

GAI CAD FILE: C060570-10-001-00-A-A013.Dwg 02/07/07



LEGEND:

- SITE BOUNDARY
- ISOLATED FIND
- NEGATIVE STP
- POSITIVE STP (HISTORIC)
- POSITIVE STP (PREHISTORIC)
- POSITIVE STP (HISTORIC/PREHISTORIC)
- F-1 STP IDENTIFICATION
- FIELDSTONE
- TREE

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FIGURE 9-2
SITE 18CV474 SHOWING
PHASE 1B TESTING LOCATIONS

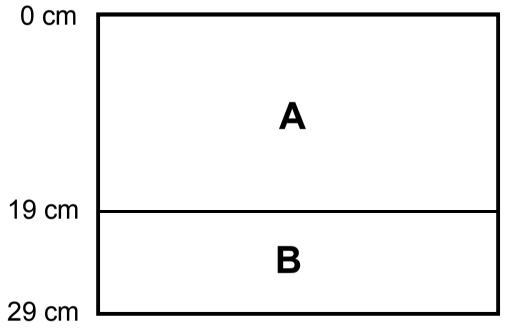
DWN. RSE	CHKD. ---	SCALE:
APPD. ---	DATE ---	1"=50'

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DRAWING NUMBER
C060570-10-001-00-A-A001

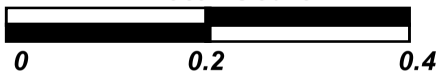
REV

STP S1-8



A – Brown (10YR4/3) silt loam

B – Strong brown (7.5YR5/6) silty clay



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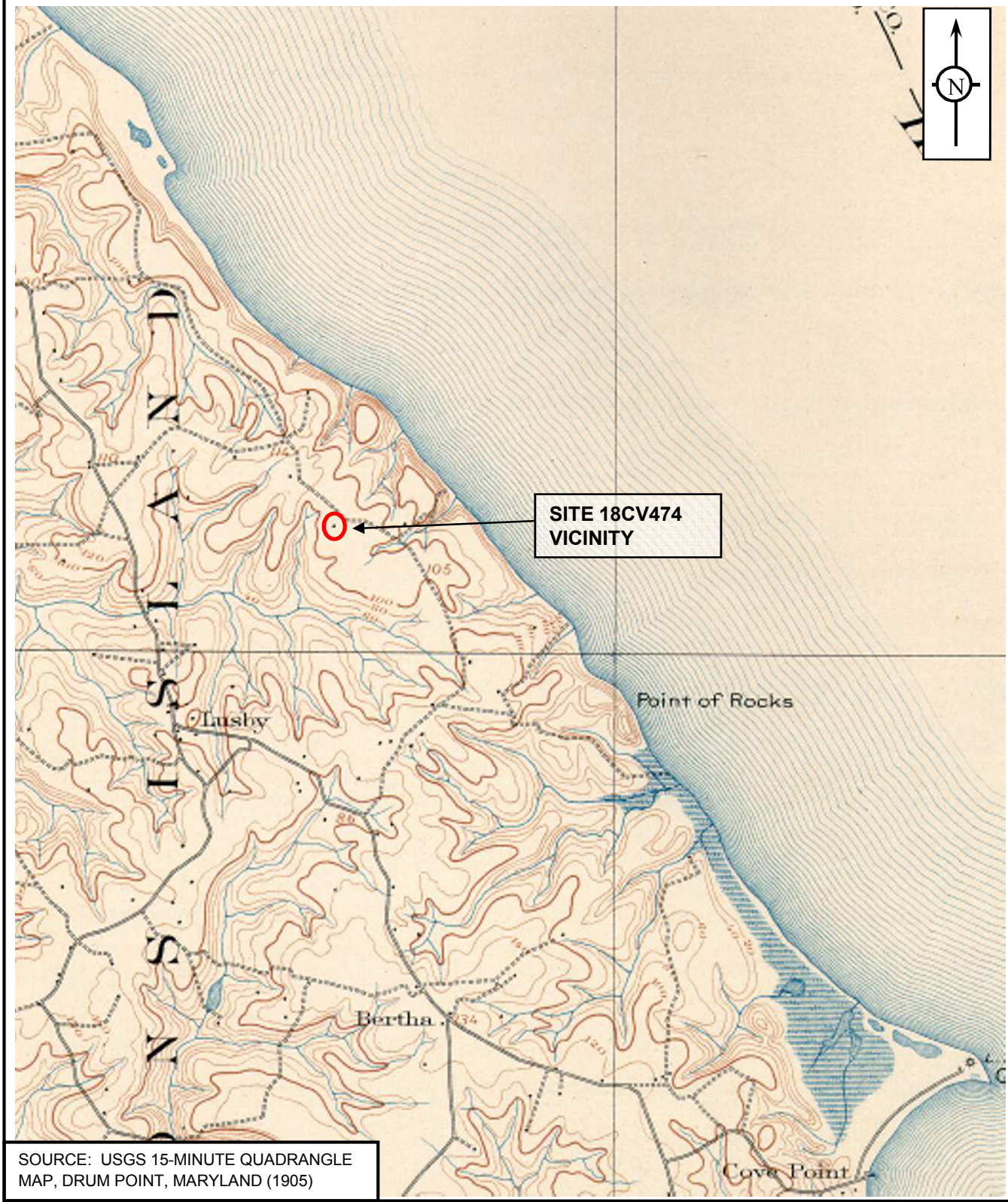
DWN	SJS	CHKD	BAM
APPD.	BAM	DATE	2/20/07
SCALE	As noted		
DRAWING NUMBER	C060570.10.003		

FIGURE 9-3. 18CV474: REPRESENTATIVE PHASE Ib SHOVEL TEST PROFILE (STP S1-8)

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND



SOURCE: USGS 15-MINUTE QUADRANGLE MAP, DRUM POINT, MARYLAND (1905)

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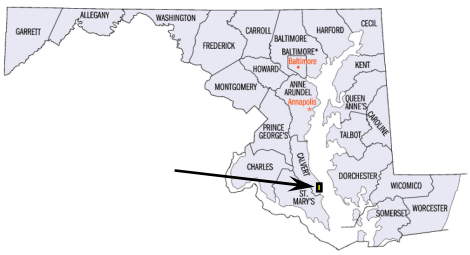
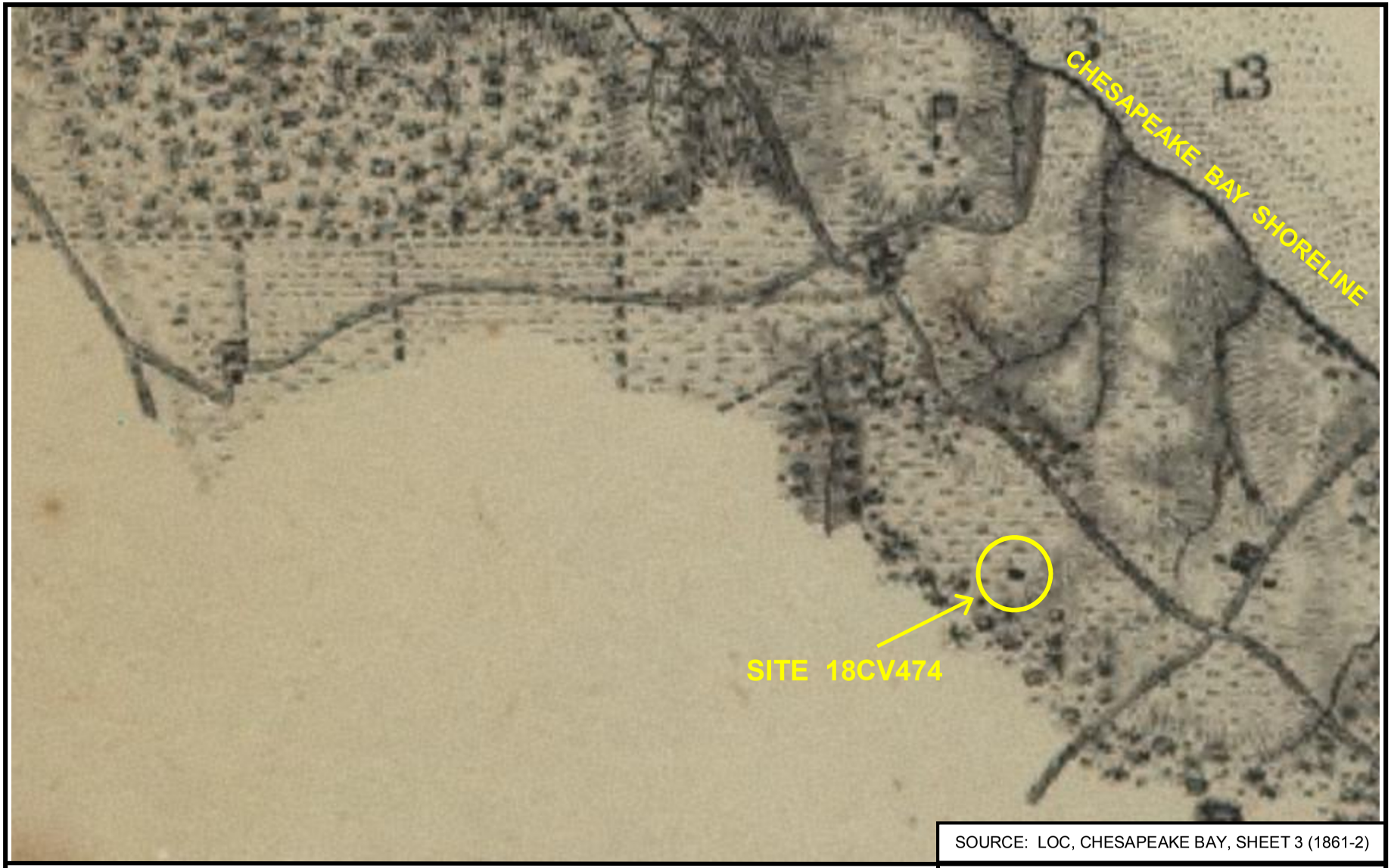


FIGURE 9-4

PROJECT AREA AND VICINITY IN 1905

CALVERT CLIFFS NUCLEAR POWER PLANT CALVERT COUNTY, MD



SOURCE: LOC, CHESAPEAKE BAY, SHEET 3 (1861-2)

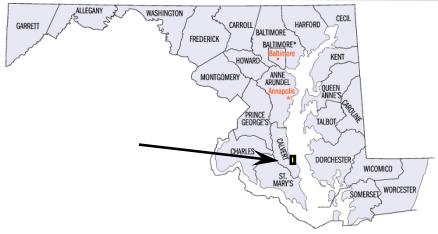


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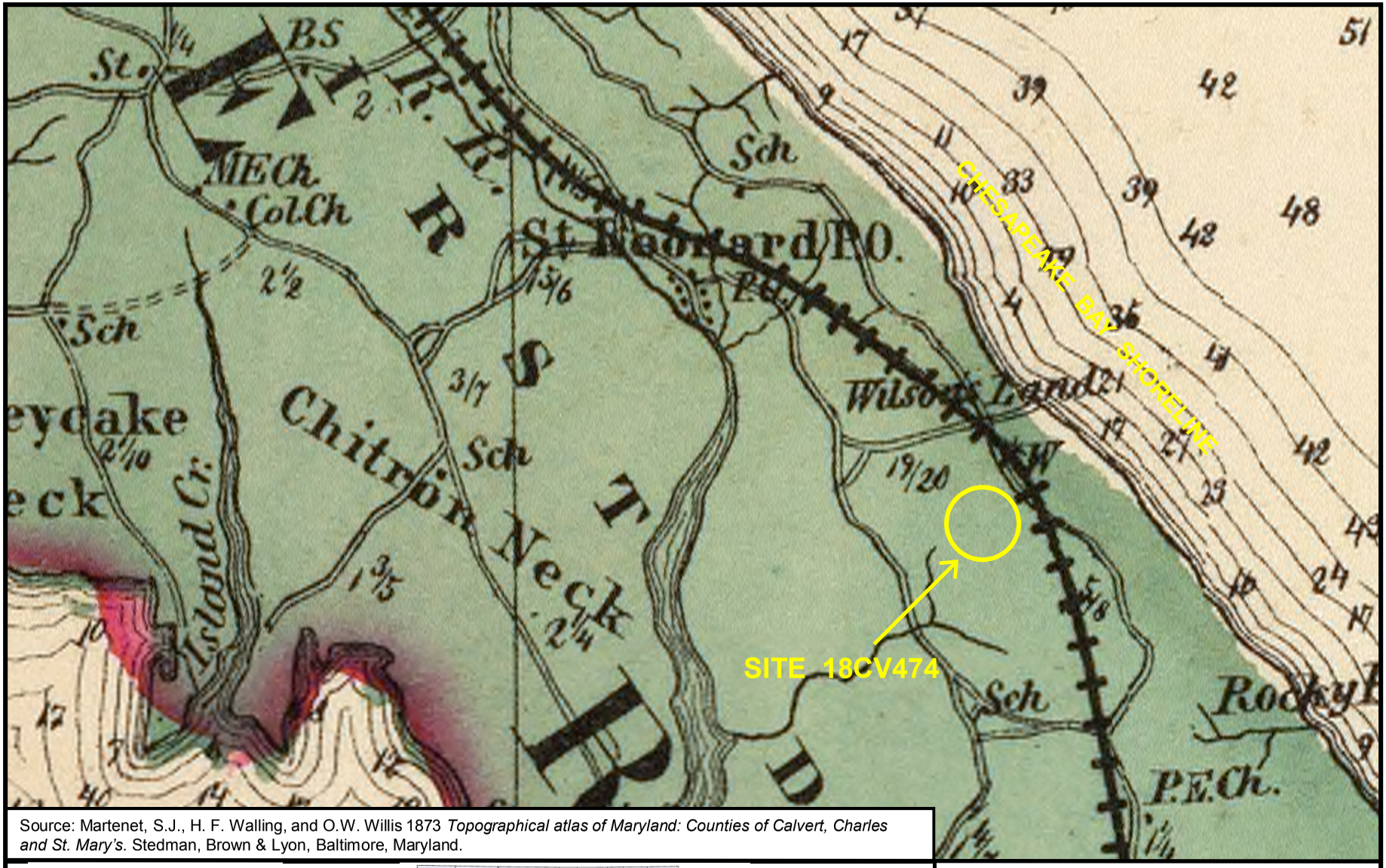
FIGURE 9-5

SITE 18CV474 AND VICINITY IN 1862

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MD



Source: Martenet, S.J., H. F. Walling, and O.W. Willis 1873 *Topographical atlas of Maryland: Counties of Calvert, Charles and St. Mary's*. Stedman, Brown & Lyon, Baltimore, Maryland.

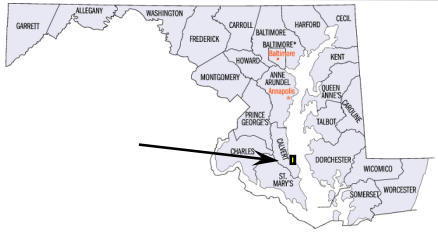


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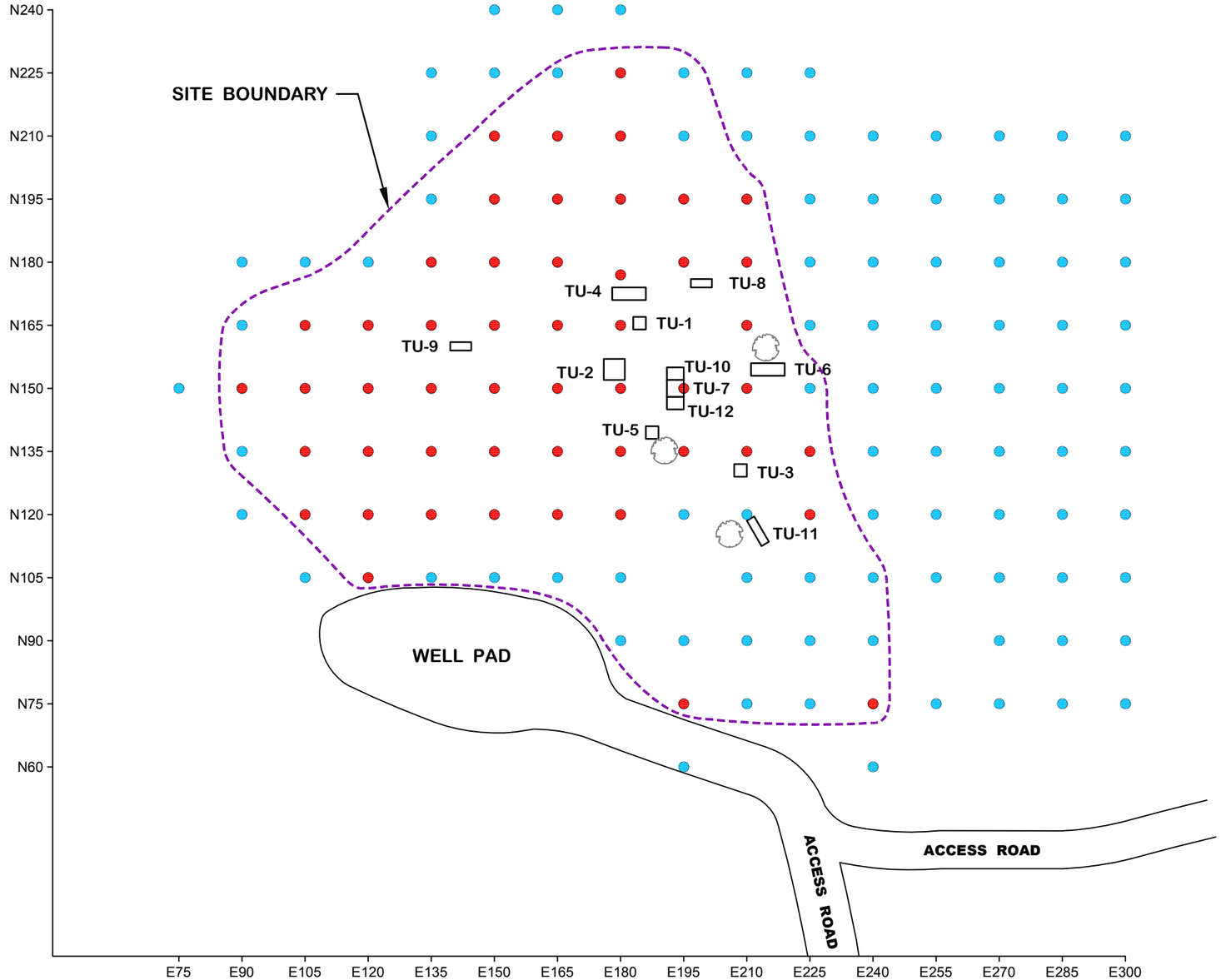
FIGURE 9-6

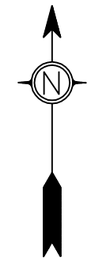
SiTE 18CV474 AND VICINITY IN 1873

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MD

SITE 18CV474

STP PLAN





SCALE 1"=30'

0 30 60 90

LEGEND

- TEST UNIT–(TU)
- SHOVEL TEST PIT (STP)–NEGATIVE
- SHOVEL TEST PIT (STP)–POSITIVE (HISTORIC)
- SITE BOUNDARY
- TREE

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FIGURE 9–7

SITE 18CV474
PHASE II TESTING LOCATIONS

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. JL	CHKD. –	SCALE:
APPD. –	DATE 7/28/08	1"=30'

DRAWING NUMBER

C080212-00-000-00-C-B000 –

REV

PLOTTER FILE: ENV COLOR

DISTRIBUTION OF ALL ARTIFACTS

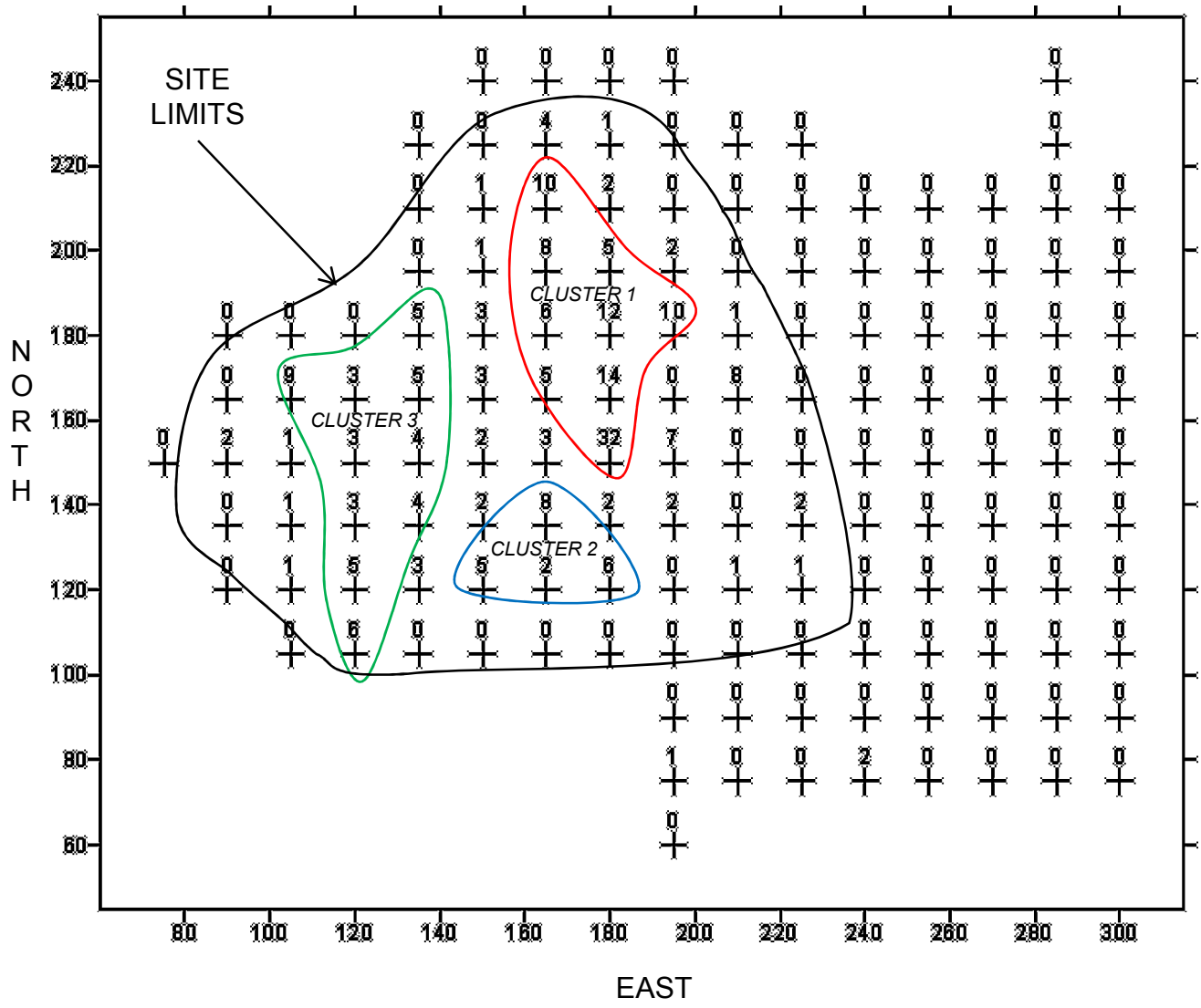

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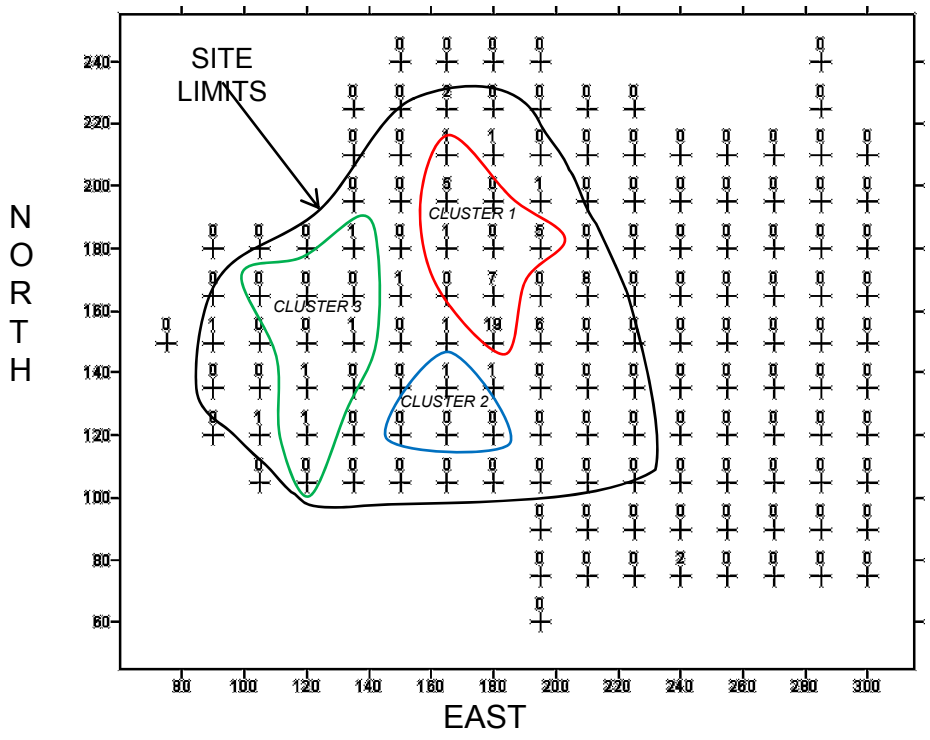
FIGURE 9-8: SITE 18CV474, DISTRIBUTION OF ALL ARTIFACTS

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN SJS	CHKD LF
APPD.	DATE 7/21/07
SCALE	As noted
DRAWING NUMBER	C080212.00

DISTRIBUTION OF ARCHITECTURE ARTIFACTS



DISTRIBUTION OF KITCHEN ARTIFACTS

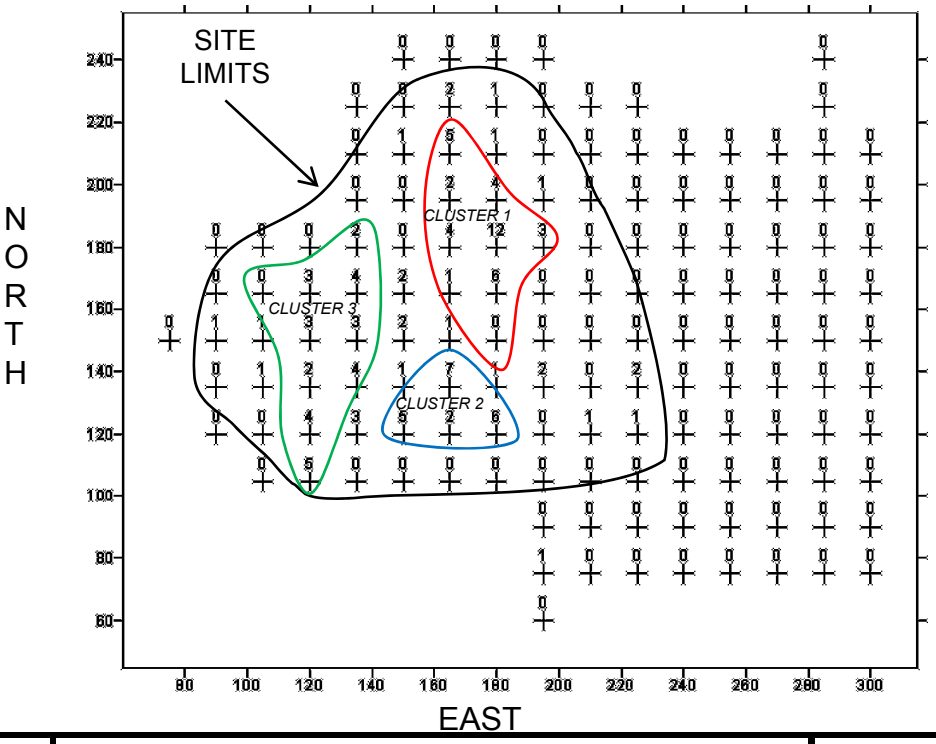


FIGURE 9-9: SITE 18CV474, DISTRIBUTION OF ARCHITECTURE (TOP) AND KITCHEN (BOTTOM) ARTIFACTS

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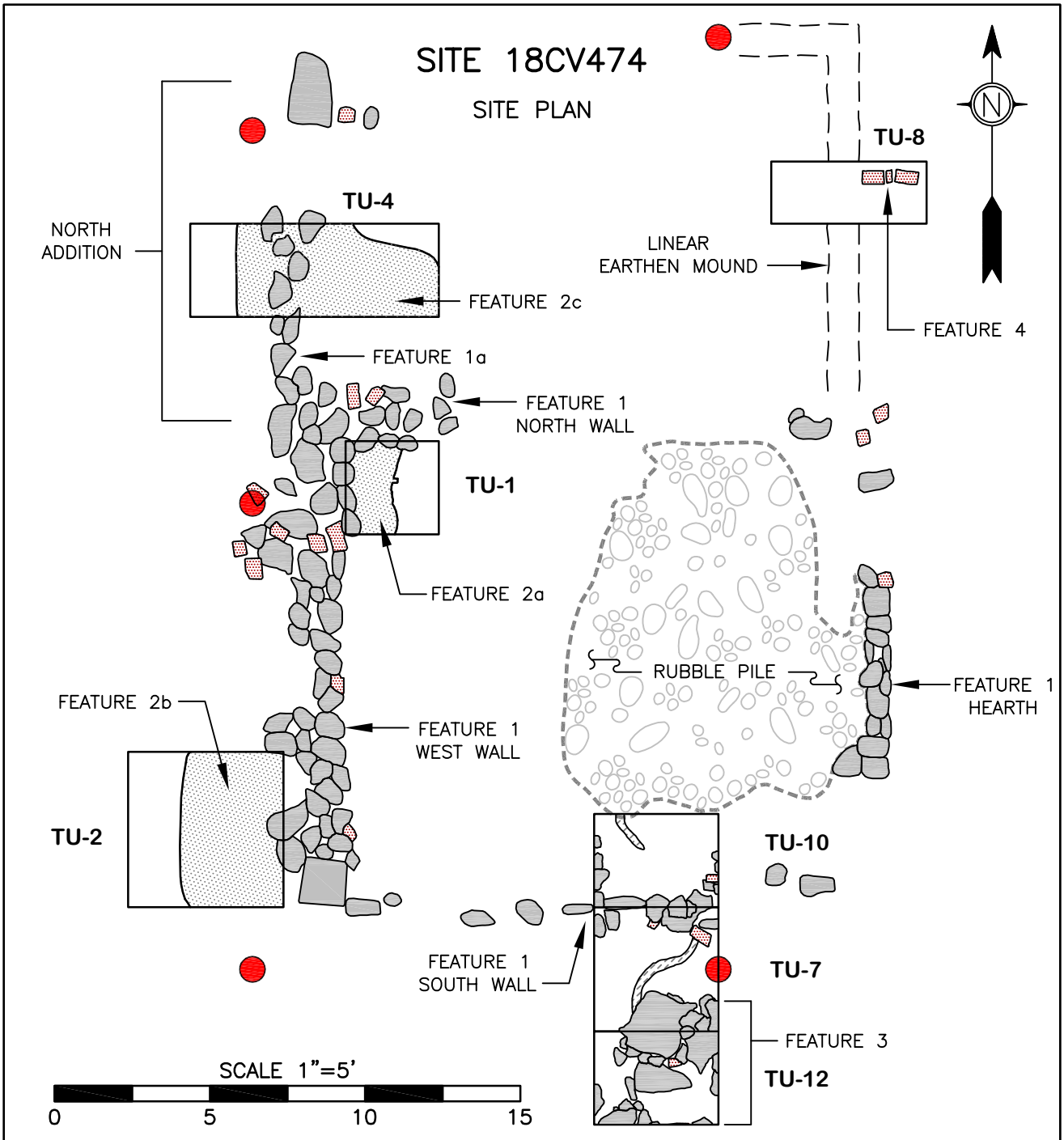
CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN SJS	CHKD LF
APPD.	DATE 7/21/07
SCALE	As noted
DRAWING NUMBER	C080212.00



LEGEND

- ROCK
- BRICK
- FEATURE
- ROOTS
- TEST UNIT–(TU)
- SHOVEL TEST PIT (STP)–NEGATIVE
- SHOVEL TEST PIT (STP)–POSITIVE (HISTORIC)

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FIGURE 9–10

SITE 18CV474
TEST UNITS IN THE STRUCTURE AREA

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. JL	CHKD. –	SCALE:
APPD. –	DATE 7/28/08	1"=5'

DRAWING NUMBER

C080212-00-000-00-C-A000

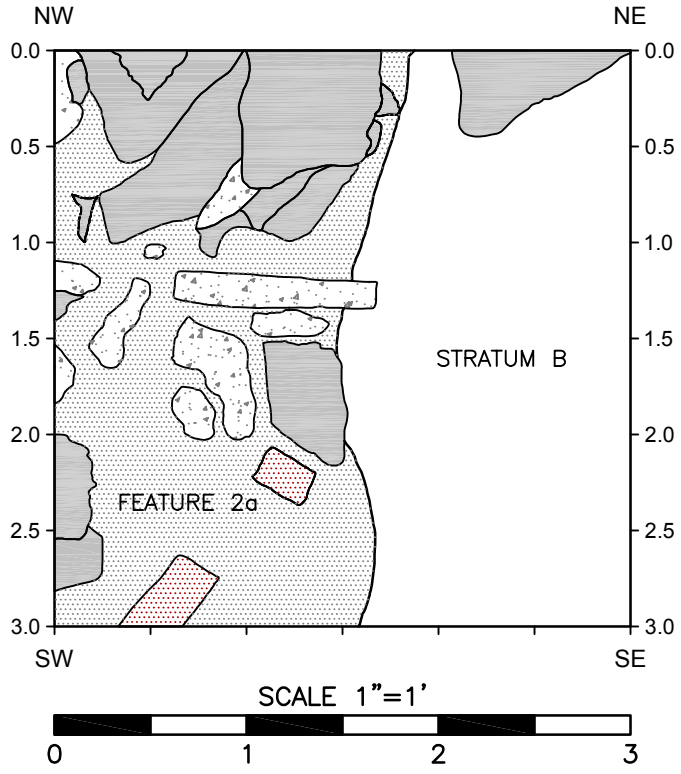
– REV

GAI CAD FILE: P:\PIT\2008\C080212.00\Cadd\Dwg\Worksheet\Worksheet-Plans Profiles\Worksheet-Stp Plan A-size-18Cv474.dwg 7/28/2008

SITE 18CV474

TEST UNIT 1

PLAN VIEW TOP LEVEL 3



STRATUM B = (10YR 5/6) YELLOWISH BROWN, SILTY CLAY LOAM

FEATURE 2a = (10YR 3/3) DARK BROWN, SANDY LOAM

LEGEND

ROCK

BRICK

MORTAR

FEATURE

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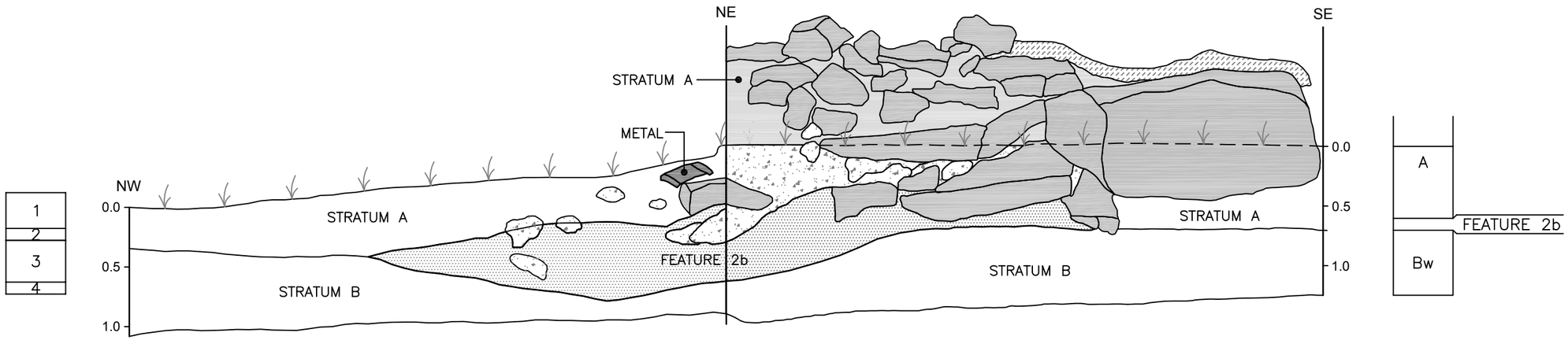
FIGURE 9-11	DWN. IP	CHKD. —	SCALE:
SITE 18CV474 PLAN VIEW OF TEST UNIT 1	APPD. —	DATE 7/28/08	1"=1'
CALVERT CLIFFS NUCLEAR POWER PLANT CALVERT COUNTY, MARYLAND	DRAWING NUMBER C080212-00-000-00-C-A007		— REV

GAI CAD FILE: P:\PIT\2008\C080212.00\Cadd\Dwg\Worksheet\Worksheet-Plans Profiles\Worksheet-Test Units-01.dwg 7/28/2008

SITE 18CV474

TEST UNIT 2

NORTH AND EAST PROFILE



SCALE 1"=1'

0 1 2 3

STRATUM A = (10YR 4/3) BROWN, SANDY LOAM

STRATUM B = (10YR 5/8) YELLOWISH BROWN, SILTY CLAY LOAM

FEATURE 2b = (10YR 4/4) DARK YELLOWISH BROWN, SILTY CLAY LOAM
25–50% MORTAR

LEGEND

GROUND SURFACE
ROCK
MORTAR
ROOTS
FEATURE

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Homestead, PA 15120-5005
412-476-2000

FIGURE 9–12

SITE 18CV474
PROFILE OF TEST UNIT 2

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. IP | CHKD. – | SCALE: 1"=1'
APPD. – | DATE 7/28/08

DRAWING NUMBER
C080212-00-000-00-C-B000

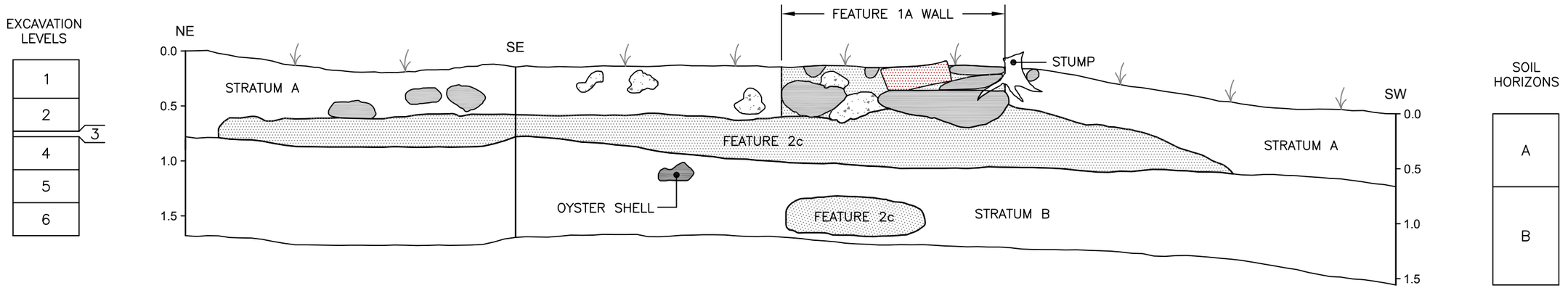
– REV

PLOTTER FILE: ENV COLOR

SITE 18CV474

TEST UNIT 4

EAST AND SOUTH PROFILE



SCALE 1"=1'

0 1 2 3

STRATUM A = (10YR 3/3) DARK YELLOWISH BROWN, SANDY LOAM
FEATURE 2c = (10YR 4/4) DARK YELLOWISH BROWN, SILT CLAY LOAM
25–50% MORTAR
STRATUM B = (10YR 5/6) YELLOWISH BROWN, CLAY LOAM

LEGEND

GROUND SURFACE
ROCK
BRICK
MORTAR
FEATURE

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Homestead, PA 15120-5005
412-476-2000

FIGURE 9–13

SITE 18CV474
PROFILE OF TEST UNIT 4

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. IP	CHKD. —	SCALE:
APPD. —	DATE 7/28/08	1"=1'

DRAWING NUMBER

C080212-00-000-00-C-B001

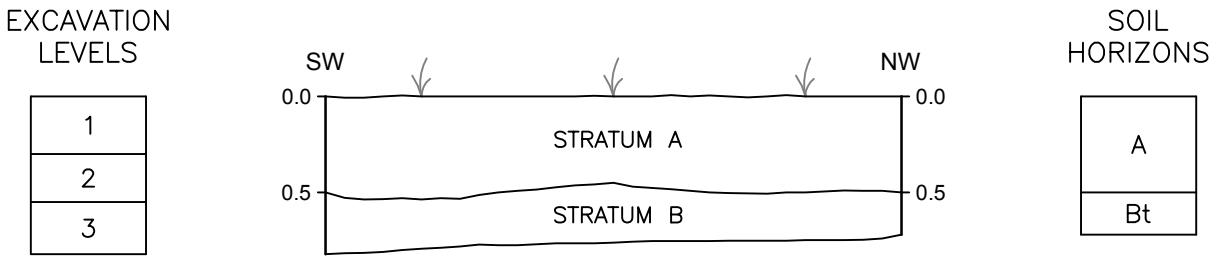
— REV

PLOTTER FILE: ENV COLOR

SITE 18CV474

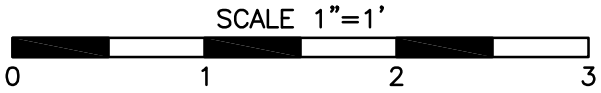
TEST UNIT 3

WEST PROFILE



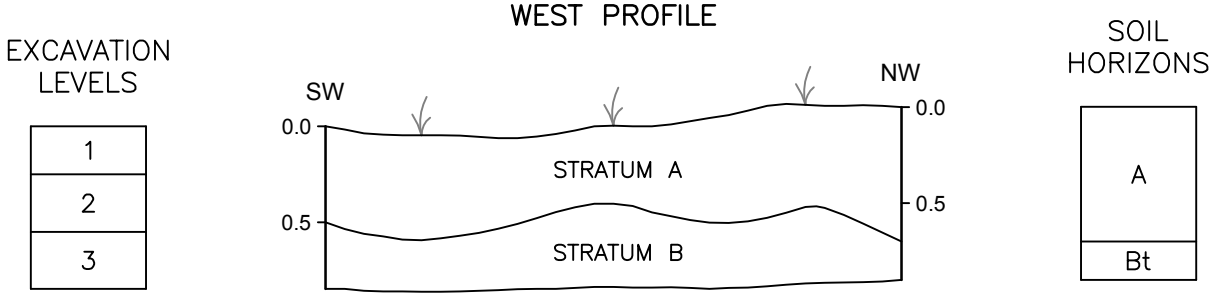
STRATUM A = (10YR 4/2) DARK GRAYISH BROWM, SILT LOAM

STRATUM B = (5YR 4/4) REDDISH BROWN, SILT LOAM



TEST UNIT 5

WEST PROFILE



STRATUM A = (10YR 4/2) DARK GRAYISH BROWM, SILT LOAM

STRATUM B = (5YR 4/4) REDDISH BROWN, SILTY CLAY LOAM

LEGEND

GROUND SURFACE

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FIGURE 9-14

SITE 18CV474
PROFILE OF TEST UNIT 3 (TOP)
TEST UNIT 5 (BOTTOM)

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. JL	CHKD. —	SCALE:
APPD. —	DATE 7/28/08	1"=1'

DRAWING NUMBER

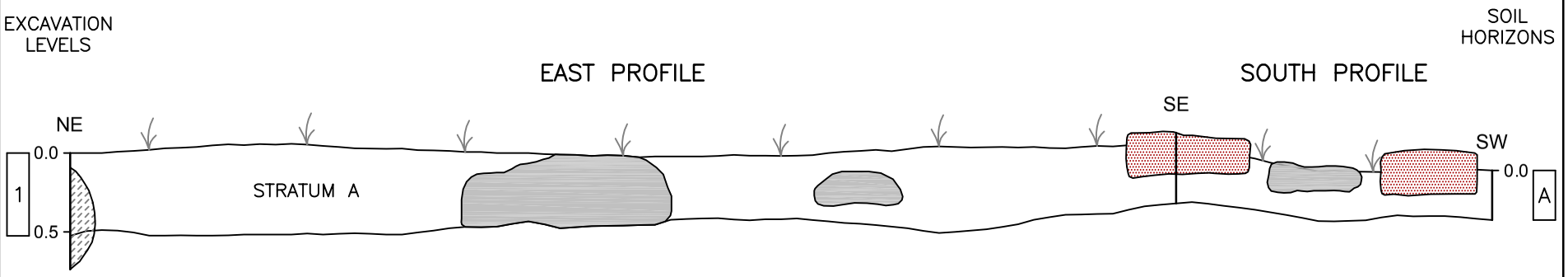
C080212-00-000-00-C-A000

— REV

GAI CAD FILE: P:\PIT\2008\C080212.00\Cadd\Dwg\Worksheet\Worksheet-Plans Profiles\Worksheet-Test Units-02.dwg 7/28/2008

SITE 18CV474

TEST UNIT 11



STRATUM A = (10YR 3/3) DARK BROWN, SANDY LOAM

LEGEND

GROUND SURFACE

ROCK

ROOTS

BRICK

SCALE 1"=1'

0 1 2 3

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FIGURE 9-15

SITE 18CV474
PROFILE OF TEST UNIT 11

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

DWN. JL	CHKD. —	SCALE:
APPD. —	DATE 7/28/08	1"=1'

DRAWING NUMBER

C080212-00-000-00-C-A000

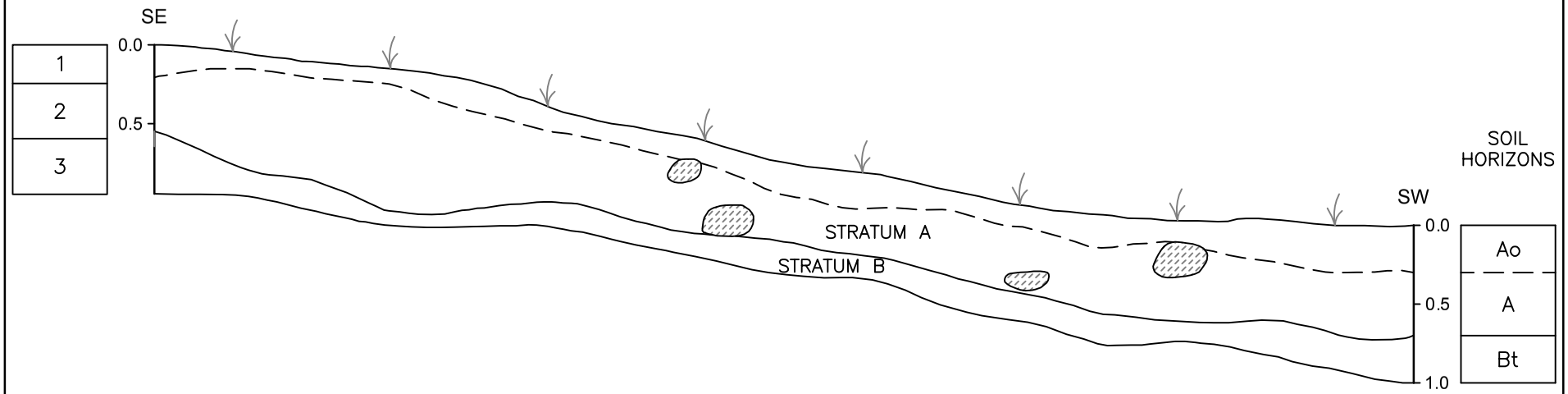
— REV

PLOTTER FILE: ENV COLOR

SITE 18CV474

TEST UNIT 6

SOUTH PROFILE



STRATUM A = (10YR 3/3) DARK BROWN, SILTY LOAM, (Ao)
(10YR 4/6) DARK YELLOWISH BROWN, SILTY LOAM (A)

STRATUM B = (10YR 5/8) YELLOWISH BROWN, SILTY CLAY (Bt)

LEGEND

GROUND SURFACE

ROOTS

SCALE 1"=1'

0 1 2 3

FIGURE 9-16

SITE 18CV474
PROFILE OF TEST UNIT 6

CALVERT CLIFFS NUCLEAR POWER PLANT
CALVERT COUNTY, MARYLAND

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Homestead, PA 15120-5005
412-476-2000

DWN. IP	CHKD. —	SCALE:
APPD. —	DATE 7/28/08	1"=1'

DRAWING NUMBER

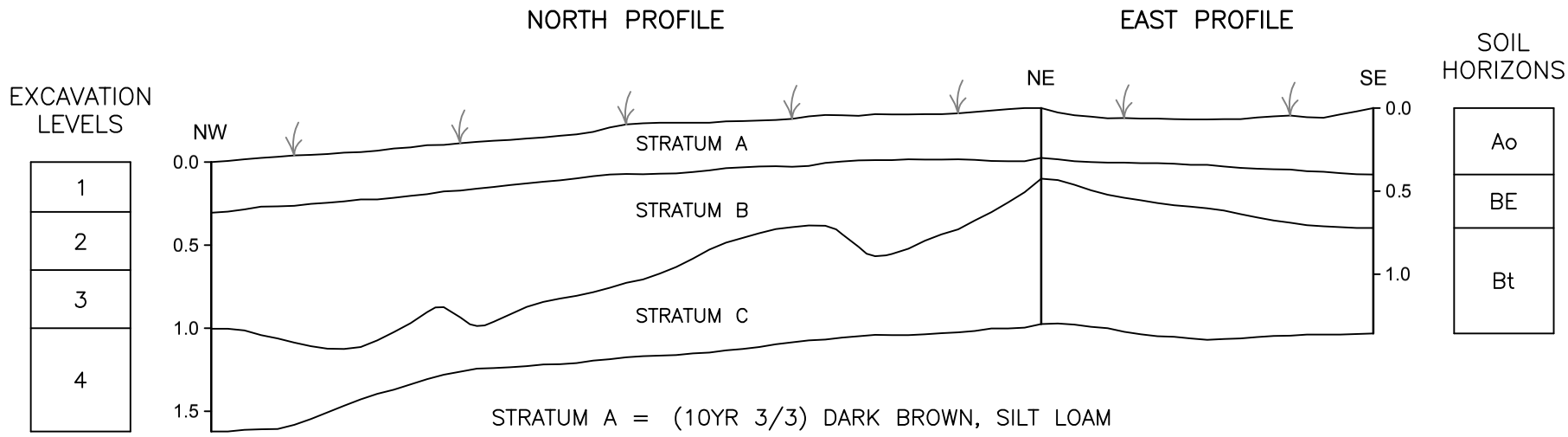
C080212-00-000-00-C-A000 —

REV

PLOTTER FILE: ENV COLOR

SITE 18CV474

TEST UNIT 9



STRATUM A = (10YR 3/3) DARK BROWN, SILT LOAM

STRATUM B = (10YR 6/4) LIGHT YELLOWISH BROWN, SILT LOAM

STRATUM C = (7.5YR 5/6) STRONG BROWN, SANDY CLAY

LEGEND

GROUND SURFACE

SCALE 1"=1'

0 1 2 3

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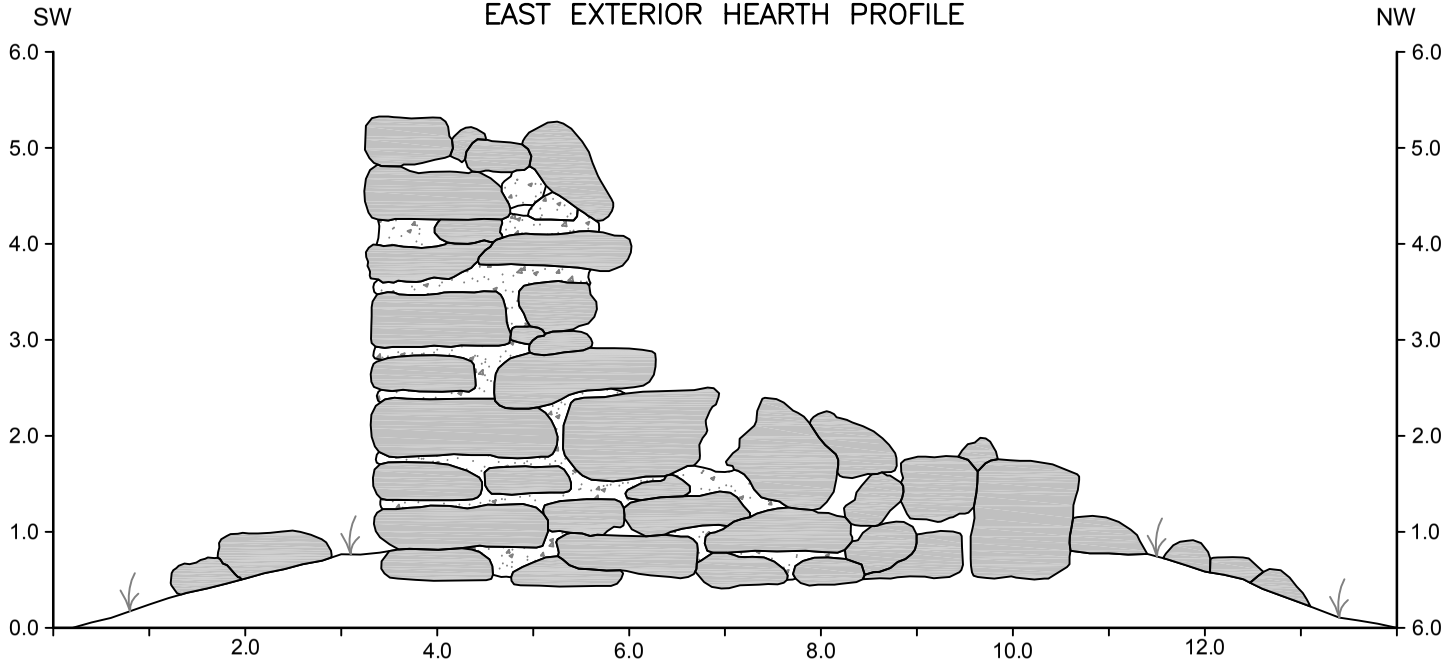
		DRAWING NUMBER C080212-00-000-00-C-A000		— REV

PLOTTER FILE: ENV COLOR

SITE 18CV474

FEATURE 1

EAST EXTERIOR HEARTH PROFILE



LEGEND

GROUND SURFACE

ROCK

MORTAR

SCALE 1"=2'

0 2 4 6

FIGURE 9-18	DWN. JL	CHKD. —	SCALE:
SITE 18CV474 FEATURE 1 EAST EXTERIOR HEARTH PROFILE	APPD. —	DATE 7/28/08	1"=2'
CALVERT CLIFFS NUCLEAR POWER PLANT CALVERT COUNTY, MARYLAND	DRAWING NUMBER C080212-00-000-00-C-A000 — REV		

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PLOTTER FILE: ENV COLOR