



Department of Energy

RECEIVED
By Carolee.Thompson at 3:12 pm, May 08, 2017

Portsmouth/Paducah Project Office
1017 Majestic Drive, Suite 200
Lexington, Kentucky 40513
(859) 219-4000

MAY 08 2017

Mr. Jon Maybriar, Director
Division of Waste Management
Kentucky Department for Environmental Protection
300 Sower Boulevard, 2nd Floor
Frankfort, Kentucky 40601

PPPO-02-4173167-17A

Dear Mr. Maybriar:

**2017 ANNUAL SURVEY FOR THE PADUCAH GASEOUS DIFFUSION PLANT
C-746-U CONTAINED LANDFILL, PERMIT NUMBER 073-00045, AGENCY
INTEREST NO. 3059**

Enclosed is the Paducah Gaseous Diffusion Plant's 2017 Solid Waste Annual Survey Form, DEP 8059 (6/10), to the Kentucky Division of Waste Management and associated cross section drawings as required by 401 KAR 47:190 § 8(2).

Fluor Federal Services, Inc. conducted the annual survey at the C-746-U Landfill on March 21, 2017.

If you have any questions or require additional information, please contact April Ladd at (270) 441-6843.

Sincerely,

A handwritten signature in cursive script that reads "Jennifer Woodard".

Jennifer Woodard
Paducah Site Lead

Portsmouth/Paducah Project Office

Enclosures:

1. Certification Page
2. 2017 Annual Survey for the PGDP C-746-U Contained Landfill and Form DEP 8059 (6/10)

e-copy w/enclosures:

april.ladd@lex.doe.gov, PPPO/ PAD
april.webb@ky.gov, KDEP/Frankfort
brian.begley@ky.gov, KDEP/Frankfort
christopher.jung@ky.gov, KDEP/Frankfort
corkran.julie@epa.gov, EPA/Atlanta
cynthia.zvonar@lex.doe.gov, PPPO/LEX or PAD
edward.winner@ky.gov, KDEP/Frankfort
ffscorrespondence@ffspaducah.com, FFS/Kevil
gaye.brewer@ky.gov, KDEP/PAD
jennifer.woodard@lex.doe.gov, PPPO/PAD
jon.maybriar@ky.gov, KDEP/Frankfort
karen.walker@ffspaducah.com, FFS/Kevil
kelly.layne@ffspaducah.com, FFS/Kevil
kim.knerr@lex.doe.gov, PPPO/PAD
leo.williamson@ky.gov, KDEP/Frankfort
mike.guffey@ky.gov, KDEP/Frankfort
myrna.redfield@ffspaducah.com, FFS/Kevil
pad.rmc@swiftstaley.com, SSI/Kevil
richards.jon@epamail.epa.gov, EPA/Atlanta
stephaniec.brock@ky.gov, KYRHB/Frankfort
tracey.duncan@lex.doe.gov, PPPO/PAD

CERTIFICATION

Document Identification: *2017 Annual Survey for the Paducah Gaseous Diffusion Plant
C-746-U Contained Landfill*

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Fluor Federal Services, Inc.

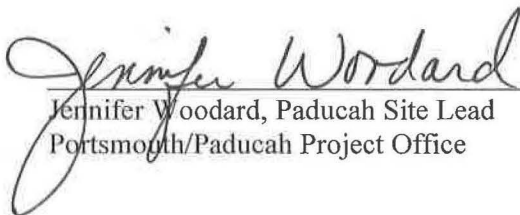


Myrna B. Redfield, Director
Environmental Management

5/8/17
Date Signed

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to ensure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

U.S. Department of Energy



Jennifer Woodard, Paducah Site Lead
Portsmouth/Paducah Project Office

5/8/2017
Date Signed



ENERGY AND ENVIRONMENT CABINET
DEPARTMENT FOR ENVIRONMENTAL PROTECTION
DIVISION OF WASTE MANAGEMENT
200 FAIR OAKS LANE, SECOND FLOOR
FRANKFORT, KY 40601
TELEPHONE NUMBER (502) 564-6716

J. Keith Thorn
 J. KEITH THORN
 19809
 LICENSED PROFESSIONAL ENGINEER
 04/18/17

**Solid Waste Landfill
 Annual Survey
 Form DEP 8059 (6/10)**

(To be submitted in conjunction with the annual survey report required by 401 KAR 47:190, Section 8)

Statutes and regulations may be viewed online at the following website address:
<http://www.lrc.ky.gov/search.htm>

Solid waste application forms are available at the following website address:
<http://www.waste.ky.gov>

DWM OFFICAL USE ONLY

AI#: _____ Application #: _____

JK
04/18/17**GENERAL INSTRUCTIONS**

1. **APPLICABILITY** - The owner or operator of a contained, construction and demolition or residual landfill shall complete, and submit the following reporting forms as listed in 401 KAR 47:190, Section 8(4).
2. **ASSISTANCE** – Questions regarding this form may be directed in writing to the Division of Waste Management (DWM), Solid Waste Branch at the address listed above, or by calling (502) 564-6716.
3. **SUBMISSION** – Please type or print legibly in permanent ink. Submit the original and one copy of the completed form to the DWM at the address listed above. If an item is not applicable to your facility write “N/A” in the space provided.
4. **LAWS AND REGULATIONS** – Applicants are expected to understand and comply with all laws and regulations applicable to the facility.

To assist you in the submittal of a complete and accurate report, the DWM has identified the most common errors found during the review process. These errors are listed below for your convenience.

1. **Failure to complete the report.** Required maps, attachments, and supplemental data must be submitted with this report.
2. **Failure to properly sign the report and drawings.** An individual with signature authority for the applicant as defined by KRS 224.01-010(44) and 401 KAR 47:160 must sign the appropriate signature section of the form. Maps and drawings must be signed, dated and sealed by a professional engineer or professional land surveyor.
3. **Failure to provide appropriate attachments, maps, drawings and narratives of sufficient detail.**

NOTE: Solid Waste Regulations require the landfill owner or operator to notify the cabinet no less than fifteen (15) calendar days prior to the date the survey is to be conducted. Additionally, the annual survey is required to be made between January 1 and May 1 each year. The results of the survey must be submitted to the cabinet within sixty (60) days of the date of the survey unless aerial photography is used. If aerial photography is used, the results must be submitted within ninety (90) days of the aerial photography. Refer to 401 KAR 47:190, Section 8(2) for additional requirements for annual surveys.

Warning! Due to the potential for identity theft, do not provide social security numbers to the DWM as part of this application. If this information is required during the normal course of review of the application, a cabinet representative will contact the appropriate individual to acquire this information in a secure format.



JKG
04/18/17

Permittee Information

- 1. Agency Interest #: 3059
- 2. Permit #: 073 - 00045
- 3. Permittee Name: Owner: U.S. Department of Energy
(This refers to the corporation, LLC, business, person, government agency, etc., that owns or operates the facility.)
- 4. Permittee Mailing Address: Fluor Federal Services, 5511 Hobbs Road.
- 5. City: Kevil
- 6. State: KY
- 7. Zip Code: 42053
- 8. Contact Person: Gary Hines
- 9. Title: Landfill Manager
- 10. E-mail Address: gary.hines@ffspaducah.com
- 11. Phone #: 270 - 441 - 5143 ext.
- 12. Cell #: 270 - 816 - 4164
- 13. Fax #: 270 - 441 - 5164

Preparer Information

- 14. Firm Name: Soldier Creek Engineering and Technical Services, LLC
- 15. Mailing Address: 459 Soldier Creek Road
- 16. City: Kirksey
- 17. State: KY
- 18. Zip Code: 42054
- 19. Individual Name: Keith Thorn
- 20. E-mail Address: keith.thorn@soldiercreekengineering.com
- 21. Phone #: 270 - 462 - 4612 ext.
- 22. Cell #: 270 - 556 - 5501
- 23. Fax #: - -
- 24. Name of licensed person performing survey: Mitchell Stewart, P.L.S. Number 3237
 - a. Firm - KY P. E. License No.: N/A Expires: - -
 - b. Individual - KY P. E. License No.: N/A Expires: - -
 - c. Firm - KY L. S. License No.: 905 Expires: 12 - 31 - 2017
 - d. Individual - KY L. S. License No.: 3237 Expires: 6 - 30 - 2018



JK
04/18/17

Facility Information

- 25. Date of current over-flight / survey: 3 - 21 - 2017
- 26. Date of last over-flight / survey: 3 - 16 - 2016
- 27. Number of days between over-flights / surveys: 370
- 28. Total permitted landfill airspace in cubic yards: 1,179,420 C.Y.
- 29. FILLED airspace as of this date in cubic yards: 118,234 C.Y.
- 30. Subtract Item 28 from Item 29 to obtain remaining airspace in cubic yards: 1,061,186 C.Y.
- 31. Provide the necessary Cross-sections, maps or drawings
- 32. Have any waste limits been exceeded horizontally or vertically? Yes No
- 33. If the answer to Item 32 is "yes", provide a summary description of the area(s) where the waste boundary or limits have been exceeded. Include, in this summary, a description of the specific locations or areas exceeded, along with volume calculations specifying the amount, in cubic yards, filled outside the permitted airspace. Clearly delineate the areas on the cross sections that must accompany this submittal.

N/A

- 34. Provide the quantity of waste (in tons) disposed per day by dividing the number of days since the last survey by the waste (in tons) received for the number of days to the date of this annual survey (based on 365 calendar days per year).

4.06 Tons Per Day

Example: ABC Landfill conducts its current annual survey on April 1. The last survey was done on March 15 of the previous year.

Total days between March 15 of 1998 and April 1 of 1999: 365+16=381 days

During the time period from March 15 of the previous year to April 1 of the current year, ABC Landfill disposed of 381,000 tons of all wastes.

Divide 381,000 tons by 381 days.

Thus the ABC Landfill disposed of an average of 1,000 tons of waste per day.



JKG
4/16/17

35. Provide the rate of compaction of waste by subtracting the volume of airspace consumed since the last annual survey and dividing the resulting figure by the pounds of waste received since the date of the last survey.

774 lbs/ C.Y.

Example: In the previous example, if 381,000 tons of waste was received between March 15, 1998 and April 1, 1999. During that time period, 481,234 CY were filled.

$$\frac{(\# \text{ TONS}) (2,000 \text{ lbs})}{\text{C.Y.}} = \frac{(381,000)(2,000)}{481,234} = 1,583.43 \text{ lbs/ C.Y.}$$

The landfill achieved a compaction rate of 1,583 lbs per cubic yards.

Certification

36. Pursuant to 401 KAR 47:160, Section 6, a person with signature authority such as a sole proprietor, owner, partner, corporate officer, plant manager, LLC member, mayor, county judge executive or other authorized official must sign this certification statement.

NOTE: Consultants may not sign the following certification statement.

“I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for such violations.”

Name of Person Signing (type or print): "See Attached Certification Sheet"

Title of Person Signing:

Date: - -

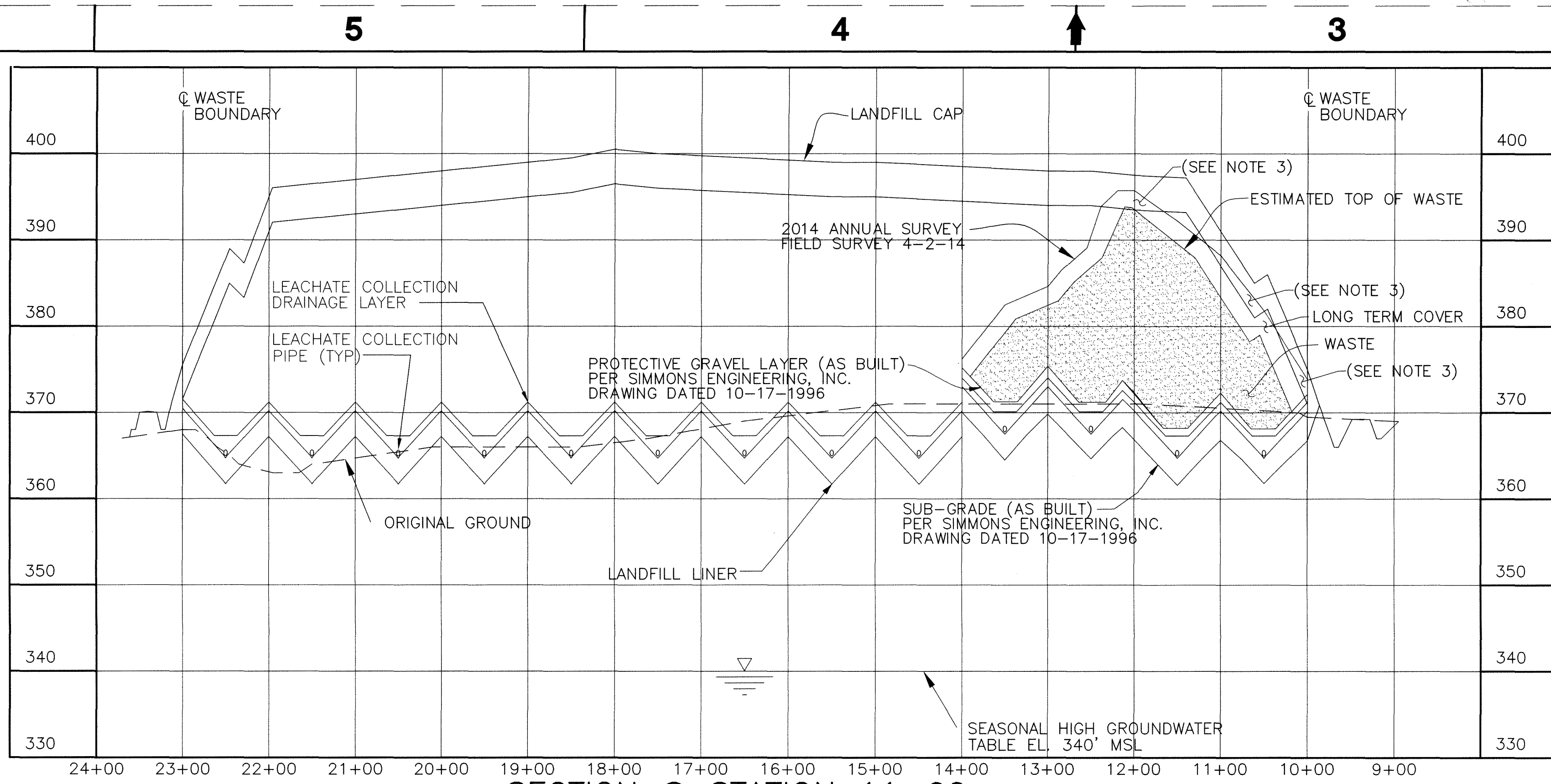
Signature per 401 KAR 47:160: _____

Subscribed and sworn to before me this _____ day of _____, Year 20_____

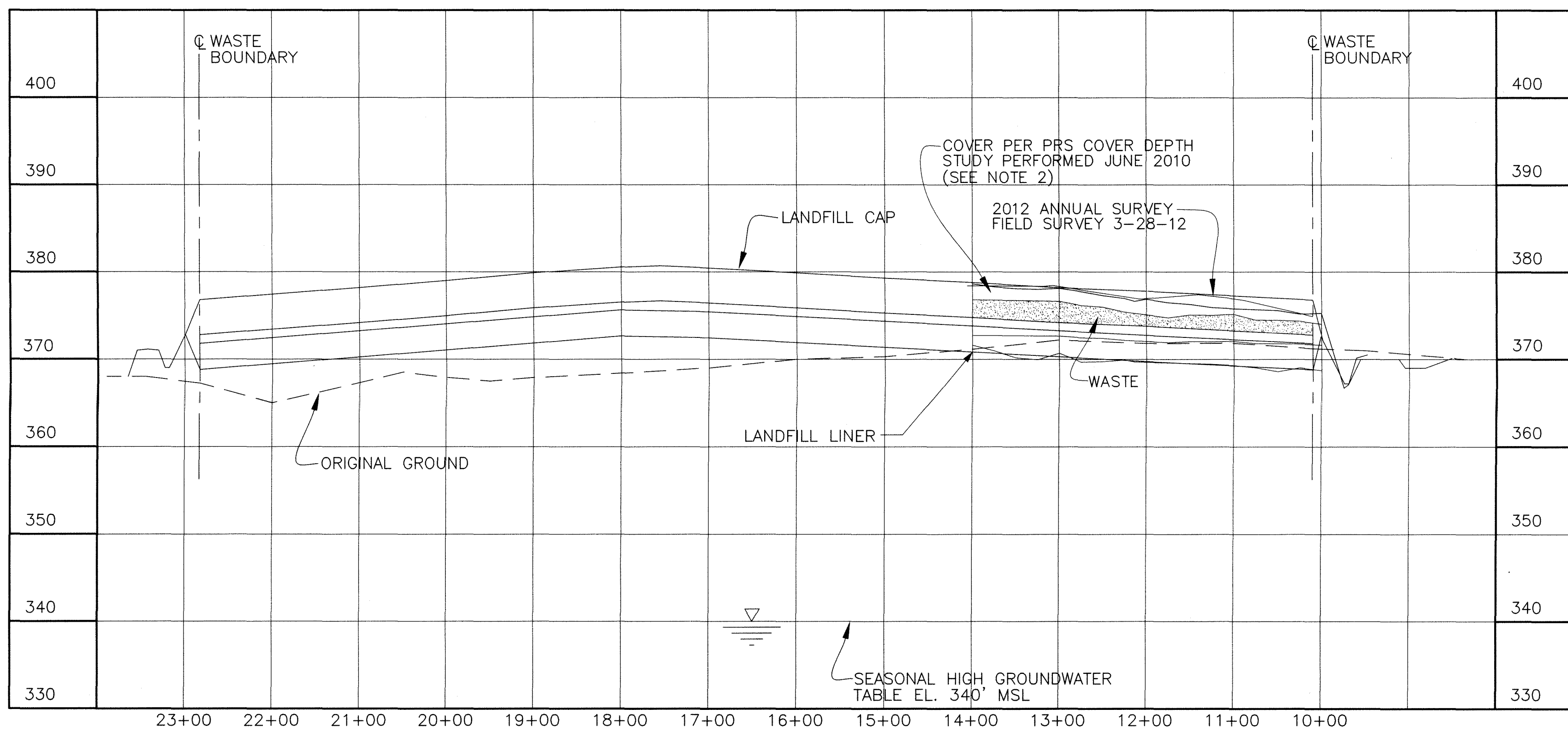
Notary Public Signature: _____

State of _____ County of _____ My commission expires: _____



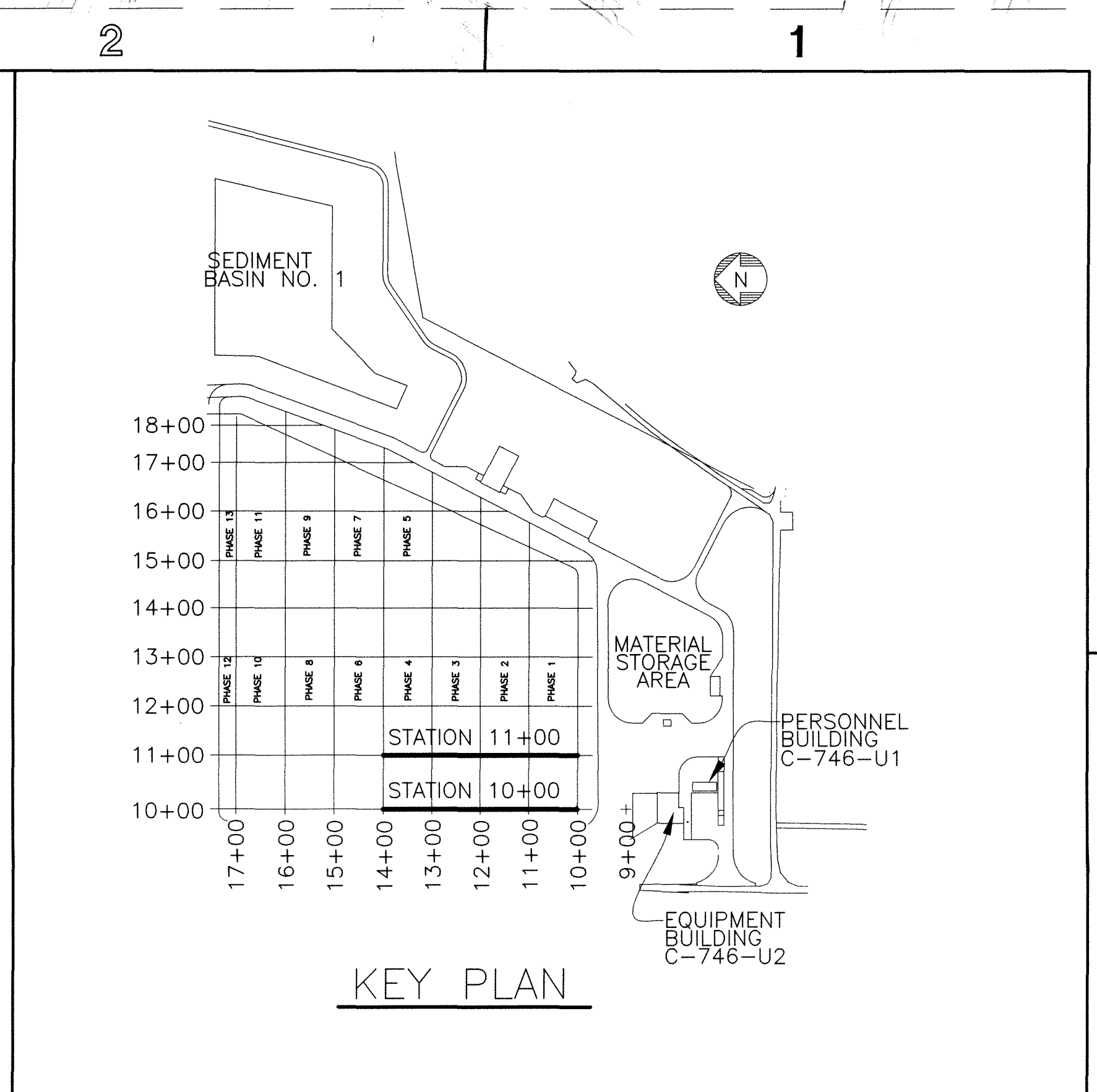


SECTION @ STATION 11+00
SCALE: HORZ. 1"=100'
VERT 1"=10'



SECTION @ STATION 10+00 - BEGIN WASTE
SCALE: HORZ. 1"=100'
VERT 1"=10'

BEGIN CAP @ STA 9+88



KEY PLAN

- NOTE:**
- CROSS-SECTIONS ARE SHOWN PERPENDICULAR TO SLOPES TO CLARIFY LAYOUT AND GRADING. DO NOT SCALE CROSS-SECTIONS FOR HORIZONTAL OR VERTICAL LOCATIONS OF SITE FEATURES.
 - NO WASTE ADDED TO SECTION AT STATION 10+00 OR 11+00 PER 2017 ANNUAL SURVEY
 - LONG TERM COVER ENCRANCHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED

- KEY:**
- 2012 ANNUAL SURVEY
 - 2014 ANNUAL SURVEY

11	KTW	SCT	MDS	X	KAS	4/19/17
10	KTW	SCT	MDS	X	KAS	4/12/17
9	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT

FLUOR PADUCAH DEACTIVATION PROJECT
DOE Prime Contract #DE-DT0007774

LSRS A LARA COMPANY

DOE CONTRACT NO. DE-DT0007774

PROJECT NAME:
SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE: CROSS SECTIONS STATION 10+00 STATION 11+00			
CAD FILE NAME C7DC7460UA004 rev11.dwg	BUILDING OUTSIDE	PLANT PGDP	CLASS U
SCALE: NOTED	DRAWING NUMBER C7DC7460UA004		REV 11

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.

SECTION AND DETAIL KEY

THE ORIGINAL DRAWING AND SUBSEQUENT REVISIONS THEREOF, WITH APPROVAL NAMES, INITIALS, DATES AND WITH THE PE SEAL, IF APPLICABLE, ARE MAINTAINED IN THE FILES. REFERENCE DRAWINGS C5E-59701-C01, C5E-59701-E00, C5E-59701-Q20, C5E-59701-Q21, C5E-59701-Q22, C5E-59701-Q23, C5E-59701-Q24, AND C5E-59701-Q25.

PLS

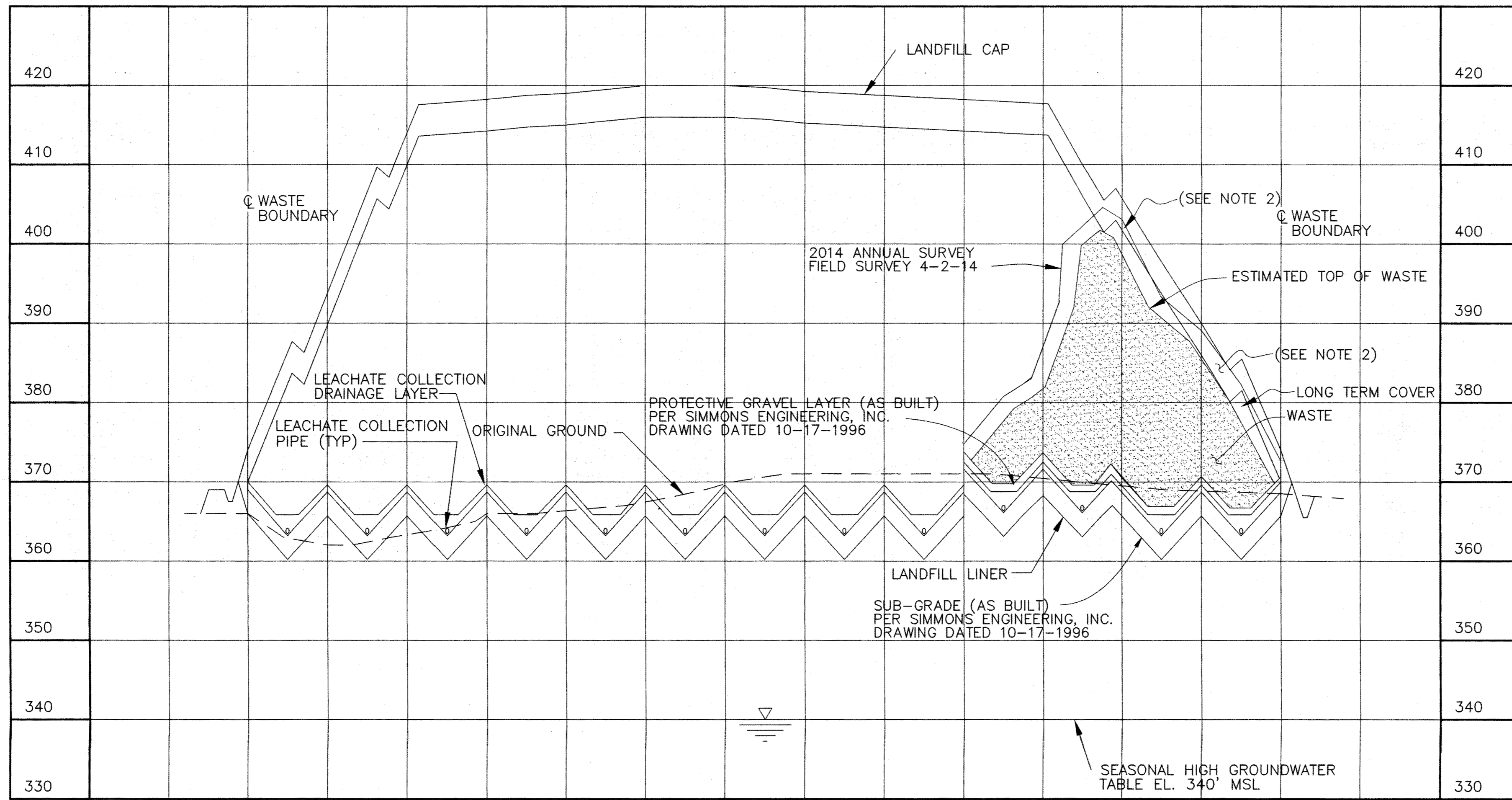
MITCHELL D. STEWART
REGISTERED PROFESSIONAL LAND SURVEYOR
4/11/17

FOR 2017 SURVEY

DATE

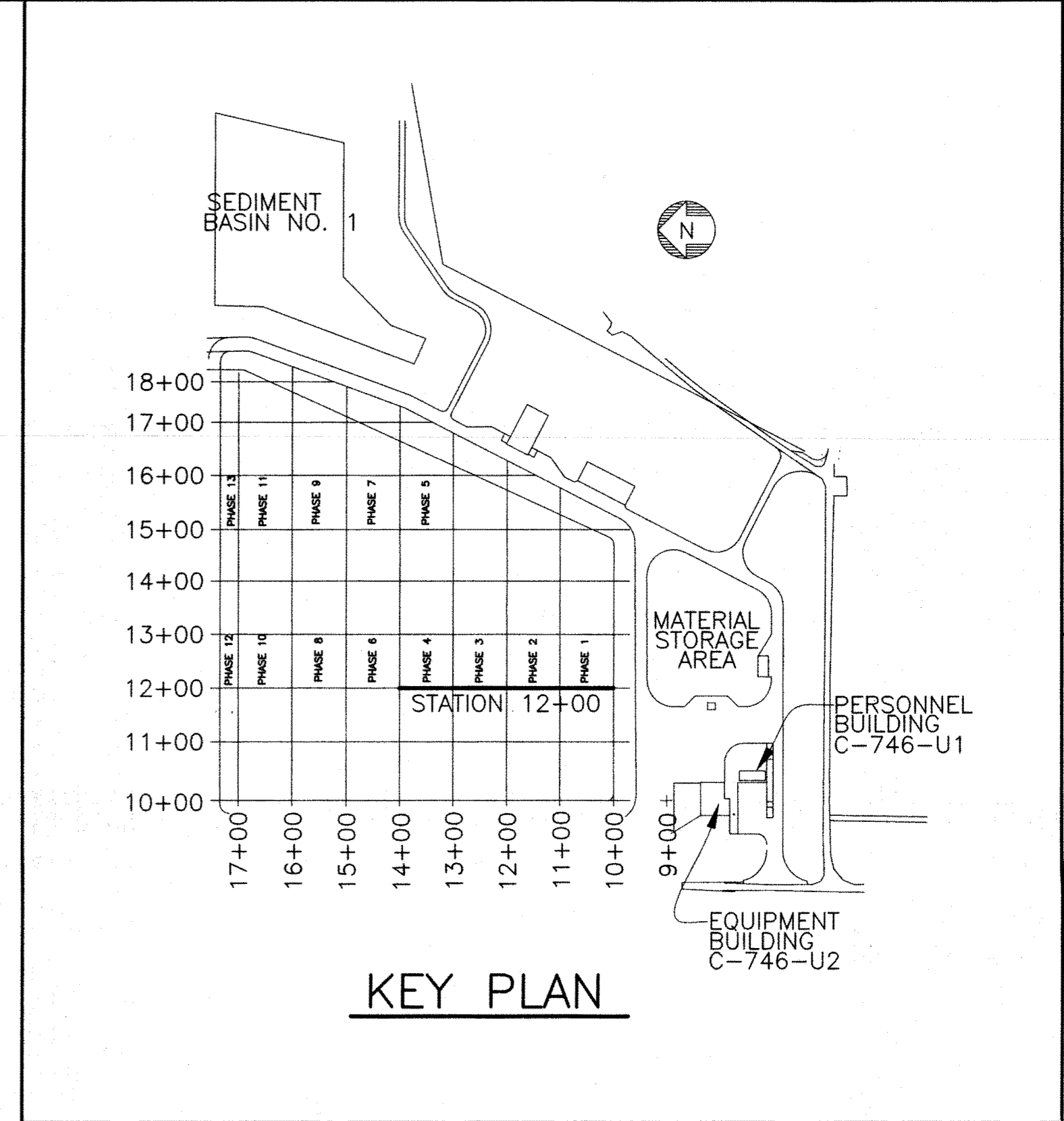
PROFESSIONAL SEAL

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9	4/19/16	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X	X
8	5/15/15	ISSUED FOR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ		
7	5/19/14	ISSUED FOR 2014 ANNUAL SURVEY	KTW	TAW	KLH	JKT	N/A	RGS	KAS	MPL		
6	5/20/13	ISSUED FOR 2013 ANNUAL SURVEY	KTW	KLH	KLH	JKT	N/A	SML	KAF	MPL		
REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	PROJ ENGR	LEAD ENGR	CONF CTRL/INCL SFTY	FAC MGR	E&TS MGR	ENV COMP		



SECTION @ STATION 12+00

SCALE: HORZ. 1"=100'
VERT 1"=10'



KEY PLAN

NOTE:

- CROSS-SECTIONS ARE SHOWN PERPENDICULAR TO SLOPES TO CLARIFY LAYOUT AND GRADING. DO NOT SCALE CROSS-SECTIONS FOR HORIZONTAL OR VERTICAL LOCATIONS OF SITE FEATURES.
- LONG TERM COVER ENCROACHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED
- NO WASTE ADDED TO SECTION AT STATION 12+00 PER 2017 ANNUAL SURVEY

KEY:

- 2014 ANNUAL SURVEY
- 2015 ANNUAL SURVEY

10	KTW	SET	MDS	X	KAS	4/12/17
9	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

FLUOR. PADUCAH DEACTIVATION PROJECT
DOE Prime Contract #DE-DT000774

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT



DOE CONTRACT NO. DE-DT000774

PROJECT NAME:
SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE:
CROSS SECTION
STATION 12+00

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BUILDING: OUTSIDE
PLANT: PGDP
CLASS: U

SCALE: NOTED
DRAWING NUMBER: C7DC7460UA05
REV: 10

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9	X	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X
8	5/15/15	ISSUED FOR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ	
7	5/19/14	ISSUED FOR 2014 ANNUAL SURVEY	KTW	TAW	KLH	JKT	N/A	RGS	KAS	MPL	
6	5/20/13	ISSUED FOR 2013 ANNUAL SURVEY	KTW	KLH	KLH	JKT	N/A	SML	KAF	MPL	
5	4/23/12	ISSUED FOR 2012 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	RGS	RES	MDG	
4	4/12/11	ISSUED FOR 2011 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	SML	RES	DLA	
DRAWING REVISIONS											
3	4/14/10	ISSUED FOR 2010 ANNUAL SURVEY	HDH	MDS	PAC	MDS	PAC	N/A	N/A	EVI	KAS
2	3/27/09	ISSUED FOR 2009 ANNUAL SURVEY	ST	MDS	JKT	MDS	JKT	LV	N/A	PC	LF
1	5/12/08	ISSUED FOR 2008 ANNUAL SURVEY									
0	5/31/07	ISSUED FOR 2007 ANNUAL SURVEY									

PLS

FOR 2017 SURVEY

DATE

PROFESSIONAL SEAL

THE ORIGINAL DRAWING AND SUBSEQUENT REVISIONS THEREOF, WITH APPROVAL NAMES, INITIALS, DATES AND WITH THE PE SEAL, IF APPLICABLE, ARE MAINTAINED IN THE FILES. REFERENCE DRAWINGS C5E-59701-C01, C5E-59701-E00, C5E-59701-Q20, C5E-59701-Q21, C5E-59701-Q22, C5E-59701-Q23, C5E-59701-Q24, AND C5E-59701-Q25.

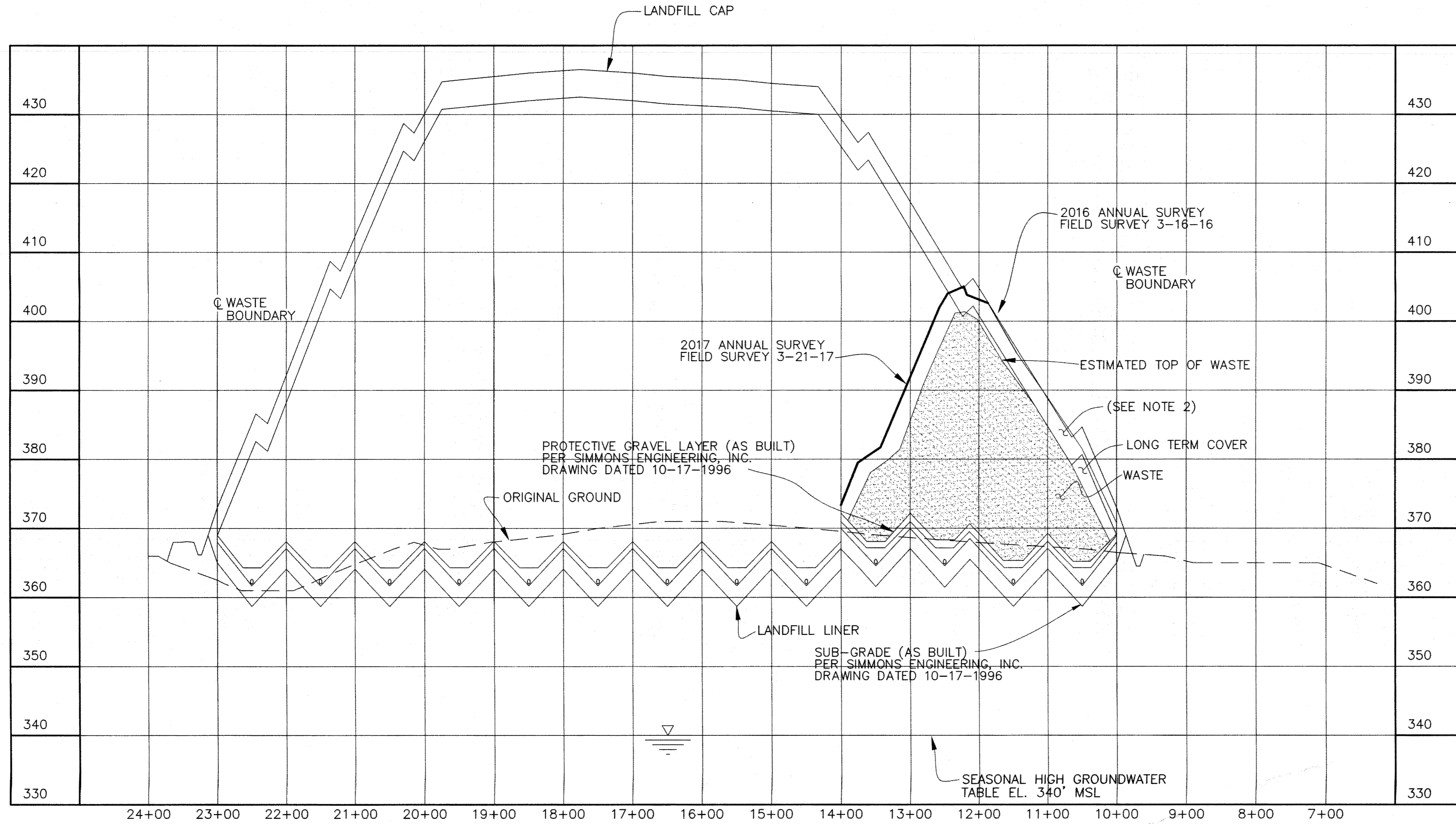
SECTION AND DETAIL KEY

SECTION NUMBER OR DETAIL LETTER

DRAWING ON WHICH SECTION OR DETAIL IS TAKEN

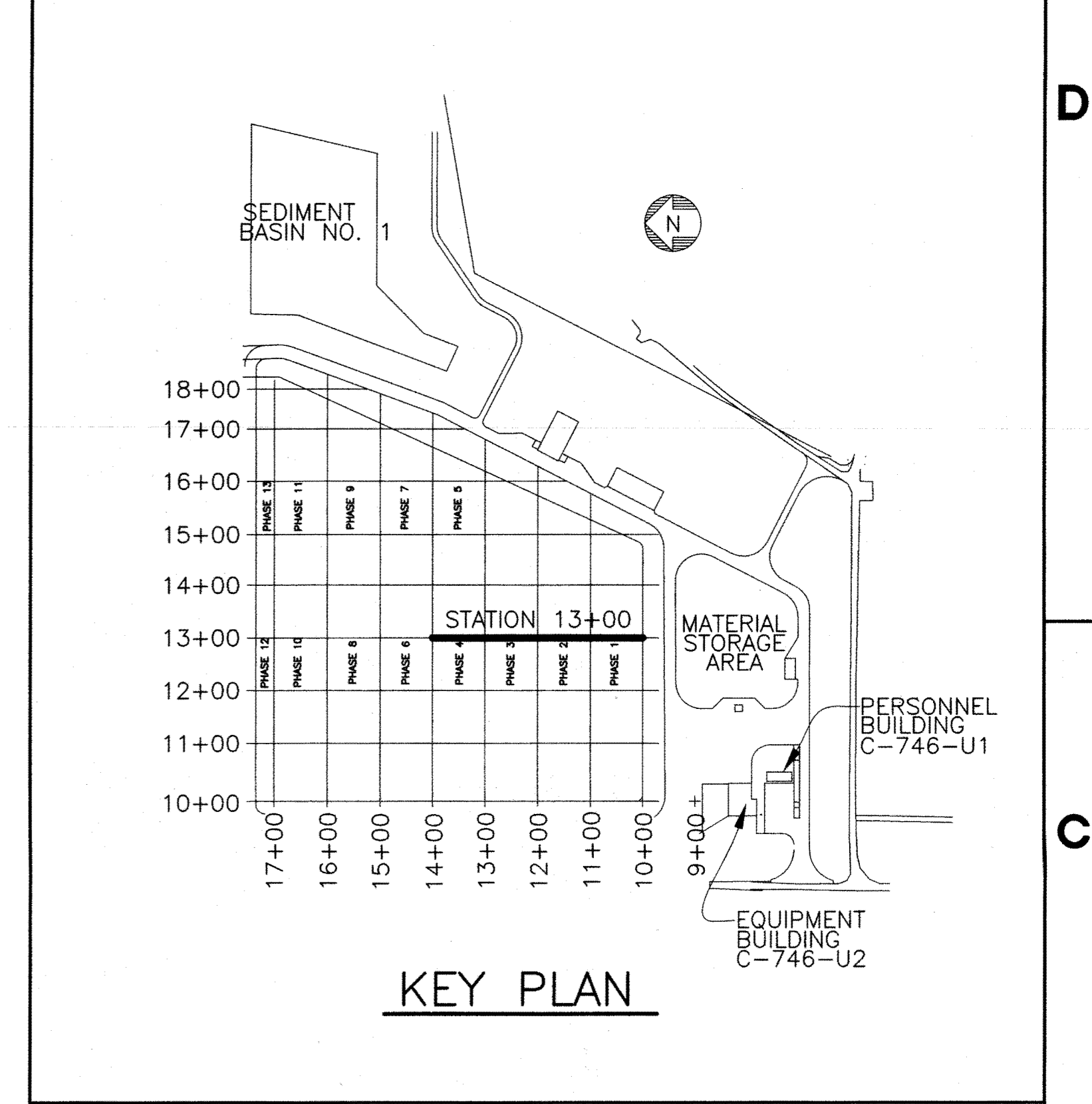
DRAWING ON WHICH SECTION OR DETAIL IS SHOWN

NO REPRESENTATION OR WARRANTY, EXPRESSED OR IMPLIED, IS MADE AS TO THE ACCURACY, COMPLETENESS OR USEFULNESS OF THE INFORMATION OR STATEMENTS CONTAINED IN THESE DRAWINGS, OR THAT THE USE OR DISCLOSURE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS MAY NOT INFRINGE PRIVATE RIGHTS OF OTHERS. NO LIABILITY IS ASSUMED WITH RESPECT TO THE USE OF, OR FOR DAMAGES RESULTING FROM THE USE OF ANY INFORMATION, APPARATUS, METHOD, OR PROCESS DISCLOSED IN THESE DRAWINGS. DRAWINGS MADE AVAILABLE FOR INFORMATION TO BIDDER ARE TO BE USED FOR OTHER PURPOSES AND ARE TO BE RETURNED UPON REQUEST OF THE FORWARDING CONTRACTOR.



SECTION @ STATION 13+00

SCALE: HORIZ. 1"=100'
VERT 1"=10'



KEY PLAN

NOTE:

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- LONG TERM COVER ENCRONCHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED

KEY:

- 2014 ANNUAL SURVEY
- 2016 ANNUAL SURVEY
- 2017 ANNUAL SURVEY

10	KTW	SCT	MDS	X	KAS	4/12/17
9	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

FLUOR. PADUCAH DEACTIVATION PROJECT
DOE Prime Contract #DE-DT000774

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT



DOE CONTRACT NO. DE-DT000774

PROJECT NAME:
SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE:
CROSS SECTION
STATION 13+00

CAD FILE NAME: C7DC7460UA006 rev10.dwg
BUILDING: OUTSIDE
PLANT: PGDP
CLASS: U

SCALE: NOTED
DRAWING NUMBER: C7DC7460UA006
REV: 10

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	ENGR	DRG/ENGR	LEAD ENGR	QA	CONF NUCL SFTY	FAC MGR	E&TS MGR	ENV COMP
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9	X	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X	X
DRAWING REVISIONS												
8	5/15/15	ISSUED FOR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ		
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4	4/12/11	ISSUED FOR 2011 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	SML	RES	DLA		
DRAWING REVISIONS												
3	4/14/10	ISSUED FOR 2010 ANNUAL SURVEY	HDH	MDS	PAC	MDS	PAC	N/A	N/A	EWI	KAS	
2	3/27/09	ISSUED FOR 2009 ANNUAL SURVEY	ST	MDS	JKT	MDS	JKT	LV	N/A	PC	LF	
1	5/12/08	ISSUED FOR 2008 ANNUAL SURVEY										
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PLS

FOR 2017 SURVEY

DATE

PROFESSIONAL SEAL

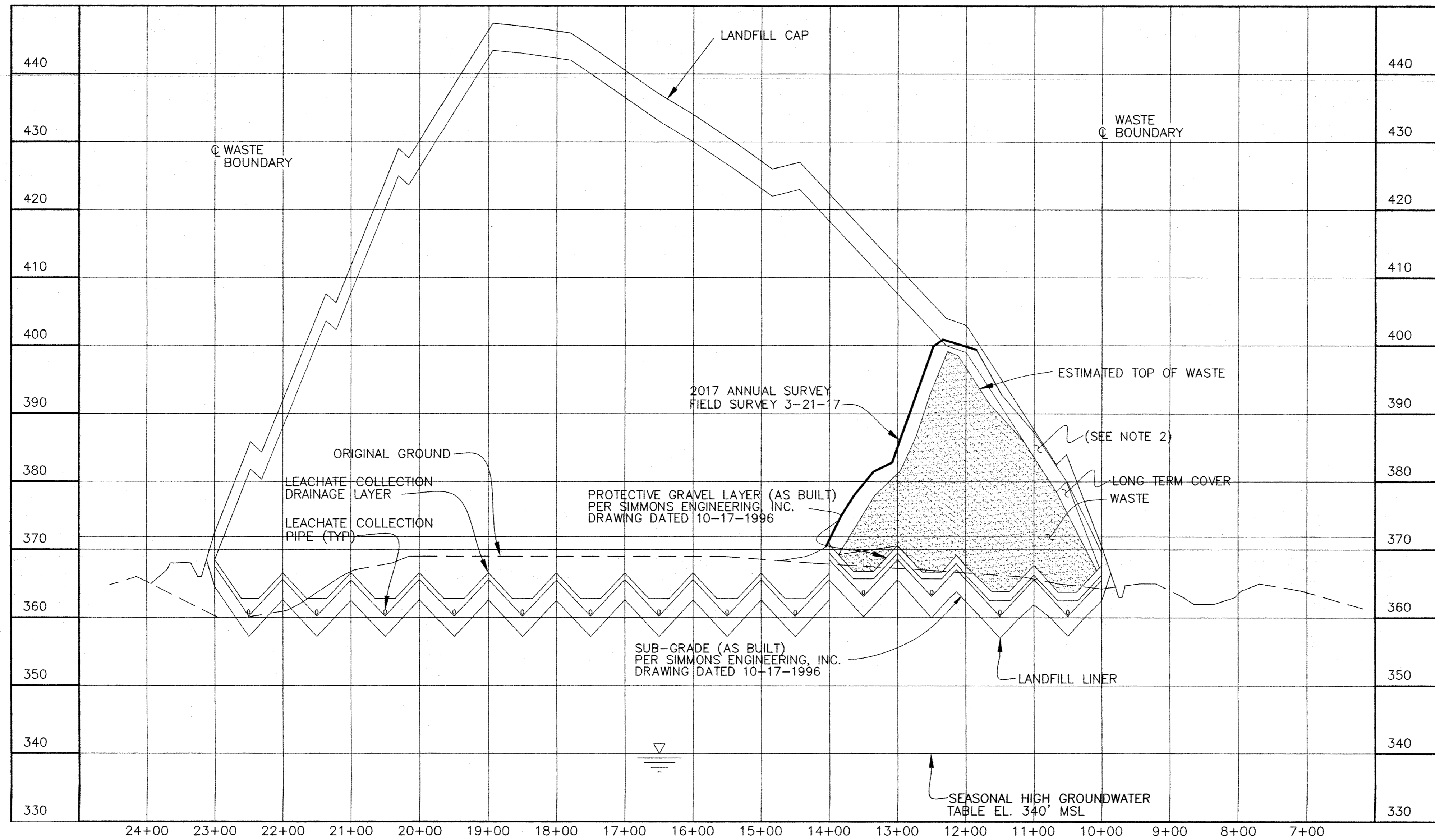
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SECTION AND DETAIL KEY

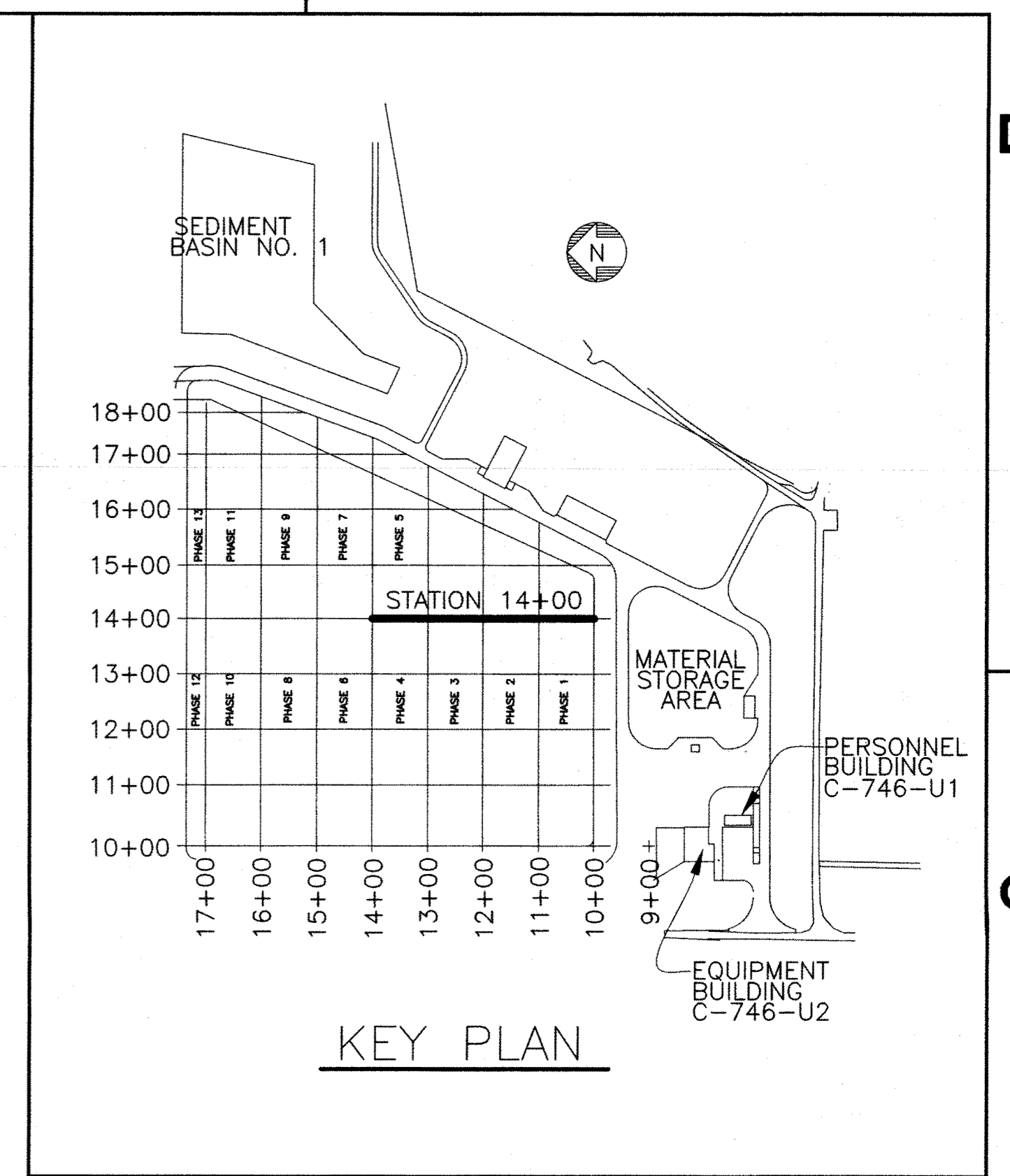
DRAWING ON WHICH SECTION OR DETAIL IS TAKEN

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN

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SECTION @ STATION 14+00
 SCALE: HORIZ. 1"=100'
 VERT 1"=10'



- NOTE:**
- CROSS-SECTIONS ARE SHOWN PERPENDICULAR TO SLOPES TO CLARIFY LAYOUT AND GRADING. DO NOT SCALE CROSS-SECTIONS FOR HORIZONTAL OR VERTICAL LOCATIONS OF SITE FEATURES.
 - LONG TERM COVER ENCROACHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED

- KEY:**
- 2014 ANNUAL SURVEY
 - 2016 ANNUAL SURVEY
 - 2017 ANNUAL SURVEY

10	KTW	SCT	MDS	X	KAS	4/13/17
9	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

FLUOR. PADUCAH DEACTIVATION PROJECT
 DOE Prime Contract #DE-DT0007774

U.S. DEPARTMENT OF ENERGY
 PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
 PADUCAH GASEOUS DIFFUSION PLANT

LSRS A LARA COMPANY

DOE CONTRACT NO. DE-DT0007774

PROJECT NAME:
 SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE:
 CROSS SECTION
 STATION 14+00

CAD FILE NAME C7DC7460UA007 rev10.dwg	BUILDING OUTSIDE	PLANT PGDP	CLASS U
SCALE: NOTED	DRAWING NUMBER C7DC7460UA007		REV 10

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	ENGR	DRG/ENGR	LEAD ENGR	CONF NUCL SFTY	FAC MGR	E&TS MGR	ENV COMP
10	X	AS-BUILT ENTIRE DRAWING FOR 2017 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X
9	X	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X
8	5/15/15	ISSUED FOR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ	
7	5/19/14	ISSUED FOR 2014 ANNUAL SURVEY	KTW	TAW	KLH	JKT	N/A	RGS	KAS	MPL	
6	5/20/13	ISSUED FOR 2013 ANNUAL SURVEY	KTW	KLH	KLH	JKT	N/A	SML	KAF	MPL	
5	4/23/12	ISSUED FOR 2012 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	RGS	RES	MDG	
4	4/12/11	ISSUED FOR 2011 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	SML	RES	DLA	
DRAWING REVISIONS											
3	4/14/10	ISSUED FOR 2010 ANNUAL SURVEY	HDH	MDS	PAC	MDS	PAC	N/A	N/A	EWI	KAS
2	3/27/09	ISSUED FOR 2009 ANNUAL SURVEY	ST	MDS	JKT	MDS	JKT	LV	N/A	PC	LF
1	5/12/08	ISSUED FOR 2008 ANNUAL SURVEY									
0	5/31/07	ISSUED FOR 2007 ANNUAL SURVEY									

PLS

Mitchell D. Stewart

MITCHELL D. STEWART
 LICENSED PROFESSIONAL LAND SURVEYOR
 4/11/17

FOR 2017 SURVEY

DATE

PROFESSIONAL SEAL

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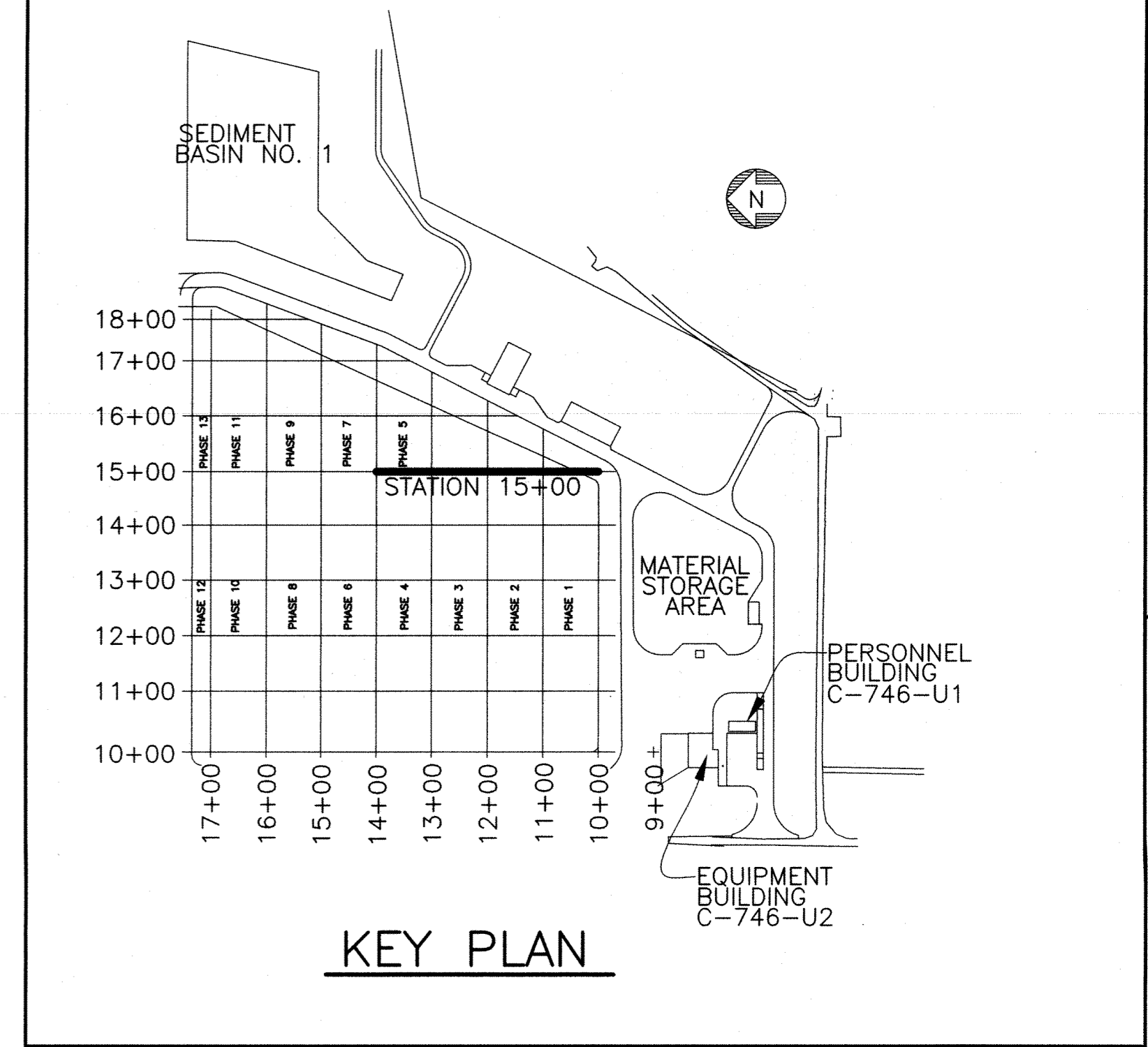
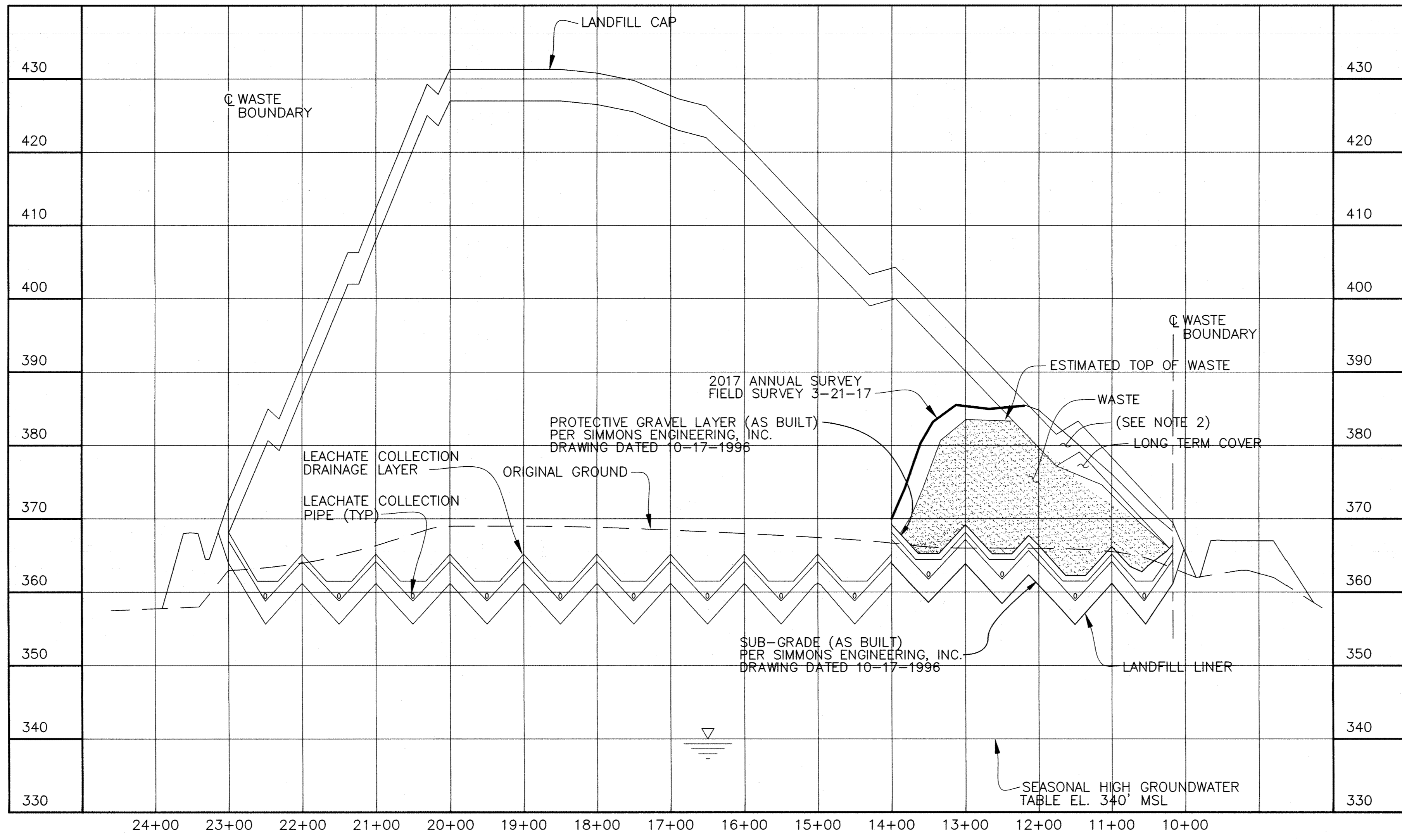
SECTION NUMBER OR DETAIL LETTER

DRAWING ON WHICH SECTION OR DETAIL IS TAKEN

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN

SECTION AND DETAIL KEY

THE ORIGINAL DRAWING AND SUBSEQUENT REVISIONS THEREOF, WITH APPROVAL NAMES, INITIALS, DATES AND WITH THE PE SEAL, IF APPLICABLE, ARE MAINTAINED IN THE FILES. REFERENCE DRAWINGS C5E-59701-C01, C5E-59701-E00, C5E-59701-Q20, C5E-59701-Q21, C5E-59701-Q22, C5E-59701-Q23, C5E-59701-Q24, AND C5E-59701-Q25.



- NOTE:**
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 - LONG TERM COVER ENCROACHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED
 - WASTE WAS ADDED TO SECTION AT STATION 15+00 PER 2017 ANNUAL SURVEY

KEY:
 — 2016 ANNUAL SURVEY
 — 2017 ANNUAL SURVEY

10	KTW	SCT	MDS	X	KAS	4/12/17
9	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

FLUOR. PADUCAH DEACTIVATION PROJECT
DOE Prime Contract #DE-DT000774

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT



DOE CONTRACT NO. DE-DT000774

PROJECT NAME:
SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE:
CROSS SECTION
STATION 15+00

CAD FILE NAME: C7DC7460UA008 rev10.dwg
BUILDING: OUTSIDE
PLANT: PGDP
CLASS: U

SCALE: NOTED
DRAWING NUMBER: C7DC7460UA008
REV: 10

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	ENGR	DRG/ENGR	LEAD ENGR	QA	CONF CTRL/NUCL SFTY	FAC MGR	E&TS MGR	ENV COMP
10	X	AS-BUILT ENTIRE DRAWING FOR 2017 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X	X
9	4/19/16	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X	X
8	5/15/15	ISSUED FOR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ		
7	5/19/14	ISSUED FOR 2014 ANNUAL SURVEY	KTW	TAW	KLH	JKT	N/A	RGS	KAS	MPL		
6	5/20/13	ISSUED FOR 2013 ANNUAL SURVEY	KTW	KLH	KLH	JKT	N/A	SML	KAF	MPL		
5	4/23/12	ISSUED FOR 2012 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	RGS	RES	MDG		
4	4/12/11	ISSUED FOR 2011 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	SML	RES	DLA		
DRAWING REVISIONS												
3	4/14/10	ISSUED FOR 2010 ANNUAL SURVEY	HDH	MDS	PAC	MDS	PAC	N/A	N/A	EVI	KAS	
2	3/27/09	ISSUED FOR 2009 ANNUAL SURVEY	ST	MDS	JKT	MDS	JKT	LV	N/A	PC	LF	
1	5/12/08	ISSUED FOR 2008 ANNUAL SURVEY										
0	5/31/07	ISSUED FOR 2007 ANNUAL SURVEY										

PLS

FOR 2017 SURVEY

DATE

PROFESSIONAL SEAL

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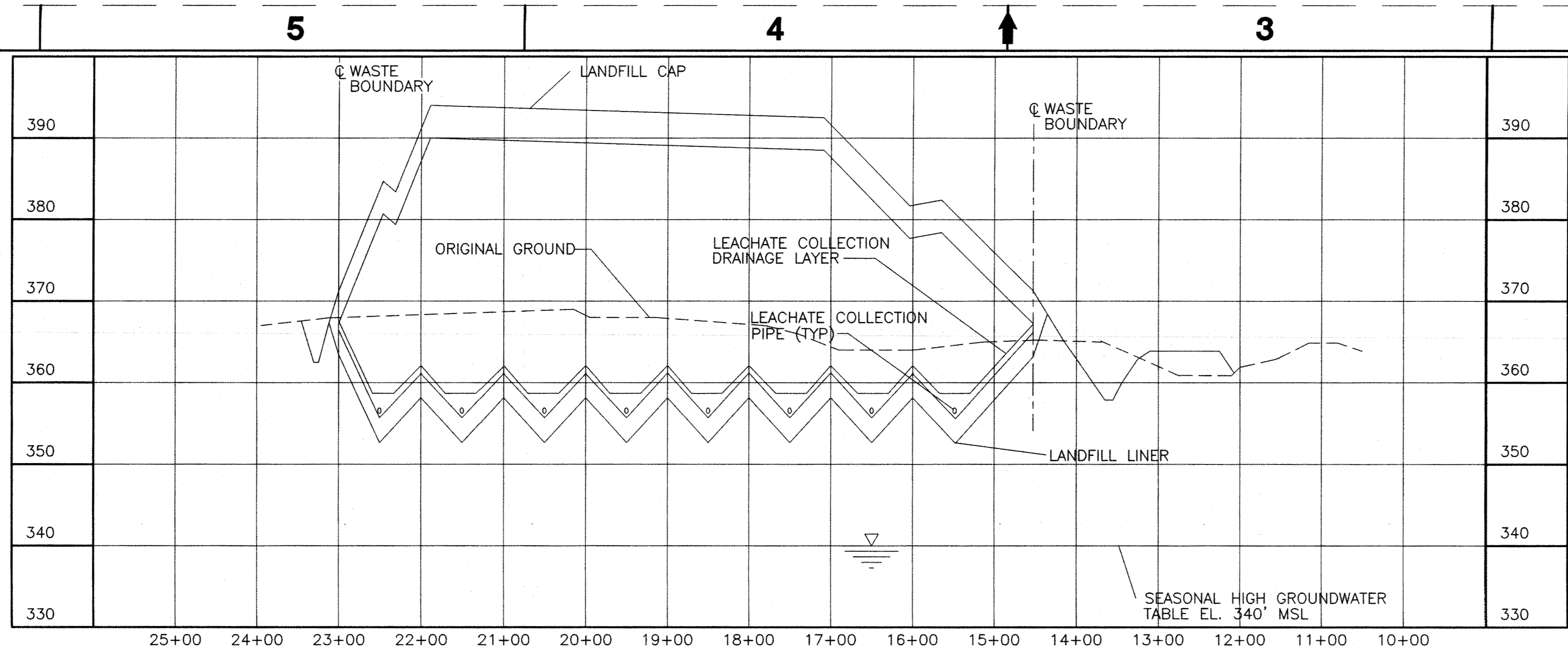
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SECTION AND DETAIL KEY

SECTION NUMBER OR DETAIL LETTER

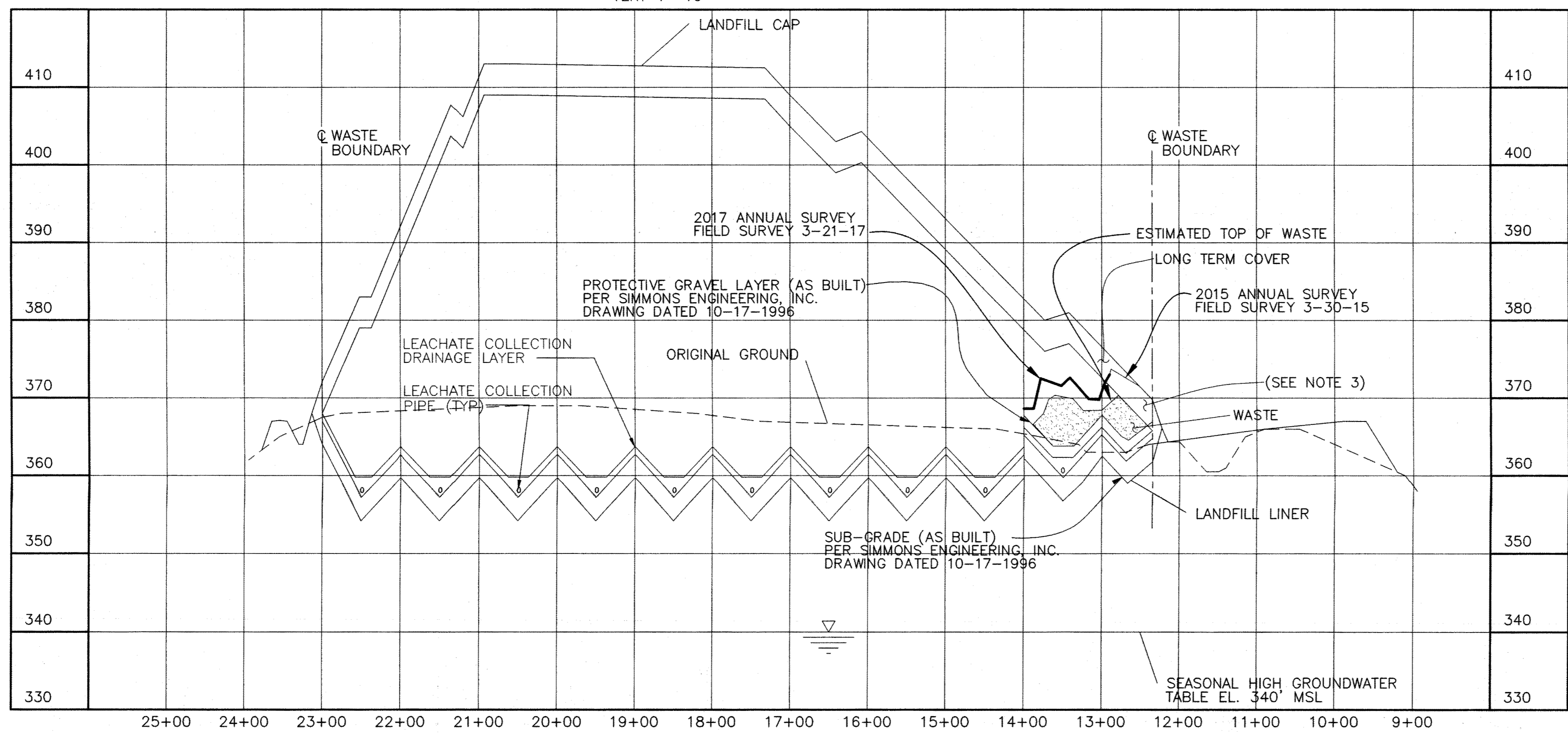
DRAWING ON WHICH SECTION OR DETAIL IS TAKEN

DRAWING ON WHICH SECTION OR DETAIL IS SHOWN



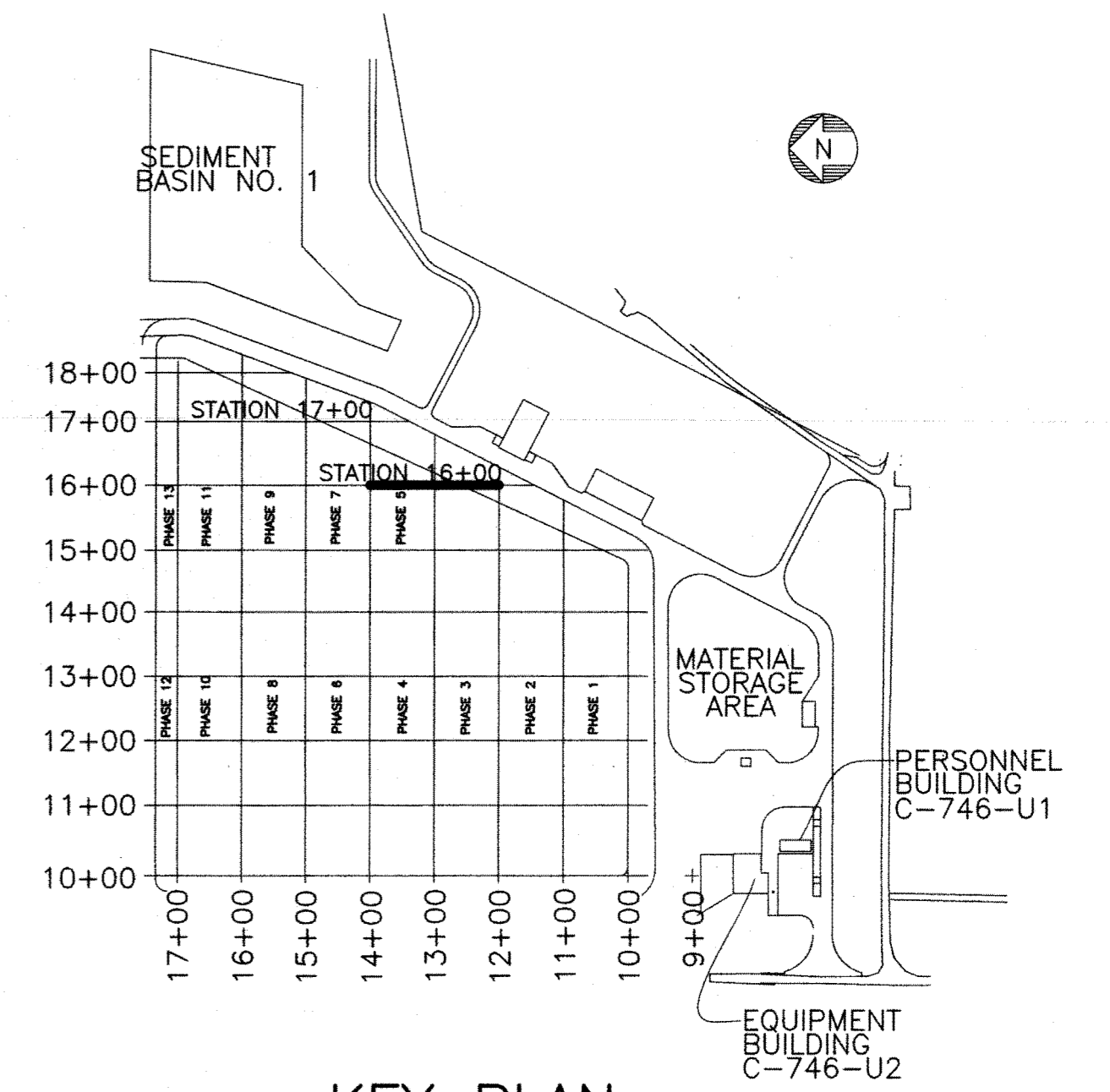
SECTION @ STATION 17+00

SCALE: HORZ. 1"=100'
VERT 1"=10'



SECTION @ STATION 16+00

SCALE: HORZ. 1"=100'
VERT 1"=10'



KEY PLAN

NOTE:

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- WASTE WAS ADDED TO SECTION AT STATION 16+00 PER 2017 ANNUAL SURVEY
- LONG TERM COVER ENCROACHING ON FINAL CAP - MATERIAL WILL BE REMOVED WHEN CAP IS PLACED

KEY:

- 2016 ANNUAL SURVEY
- 2017 ANNUAL SURVEY

9	KTW	SCT	MDS	X	KAS	4/12/17
8	KTW	SCT	MDS	X	KAS	4/19/16
REV	DRW	CHKR	RE	TR	APPD	DATE

FLUOR. PADUCAH DEACTIVATION PROJECT
DOE Prime Contract #DE-DT000774

U.S. DEPARTMENT OF ENERGY
PADUCAH, PORTSMOUTH PROJECT OPERATIONS,
PADUCAH GASEOUS DIFFUSION PLANT



DOE CONTRACT NO. DE-DT000774

PROJECT NAME:
SOLID WASTE LANDFILL 2017 ANNUAL SURVEY, PGDP

TITLE:
CROSS SECTIONS
STATION 16+00
STATION 17+00

CAD FILE NAME C7DC7460UA009 rev9.dwg	BUILDING OUTSIDE	PLANT PGDP	CLASS U
SCALE: NOTED	DRAWING NUMBER C7DC7460UA009		REV 9

REV.	DATE	DESCRIPTION	DRAWN BY	DRAFT CHK	PROJ ENGR	LEAD ENGR	CONF NUCL SFTY	CTRL/ MGR	FAC MGR	EATS MGR	ENV COMP
5	5/15/15	ISSUED FDR 2015 ANNUAL SURVEY	CB	JKT	KLH	JKT	N/A	RGS	KLH	JAJ	
6	5/19/14	ISSUED FDR 2014 ANNUAL SURVEY	KTW	TAW	KLH	JKT	N/A	RGS	KAS	MPL	
7	4/23/12	ISSUED FDR 2012 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	RGS	RES	MDG	
4	4/12/11	ISSUED FDR 2011 ANNUAL SURVEY	HDH	MDS	MDS	JKT	N/A	SML	RES	DLA	
3	4/14/10	ISSUED FDR 2010 ANNUAL SURVEY	HDH	MDS	PAC	MDS	PAC	N/A	N/A	EWI	KAS
2	X	AS-BUILT ENTIRE DRAWING FOR 2016 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X
1	X	AS-BUILT ENTIRE DRAWING FOR 2017 ANNUAL LANDFILL SURVEY	X	X	X	X	X	X	X	X	X

PLS

Mitchell D. Stewart

MITCHELL D. STEWART
2227
LICENSED PROFESSIONAL LAND SURVEYOR

FDR 2017 SURVEY

DATE
PROFESSIONAL SEAL

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