



NOTE:  
 ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPE LINE.

— PL — PL — PIPE LINE	TSS - TOP SOIL SEGREGATION
— PL — PL — PIPE LINE / EASEMENT	ATWS - ADDITIONAL TEMPORARY WORK SPACE
— — — — — WORK SPACE	TWS - TEMPORARY WORK SPACE

R/S: TWEEDALE

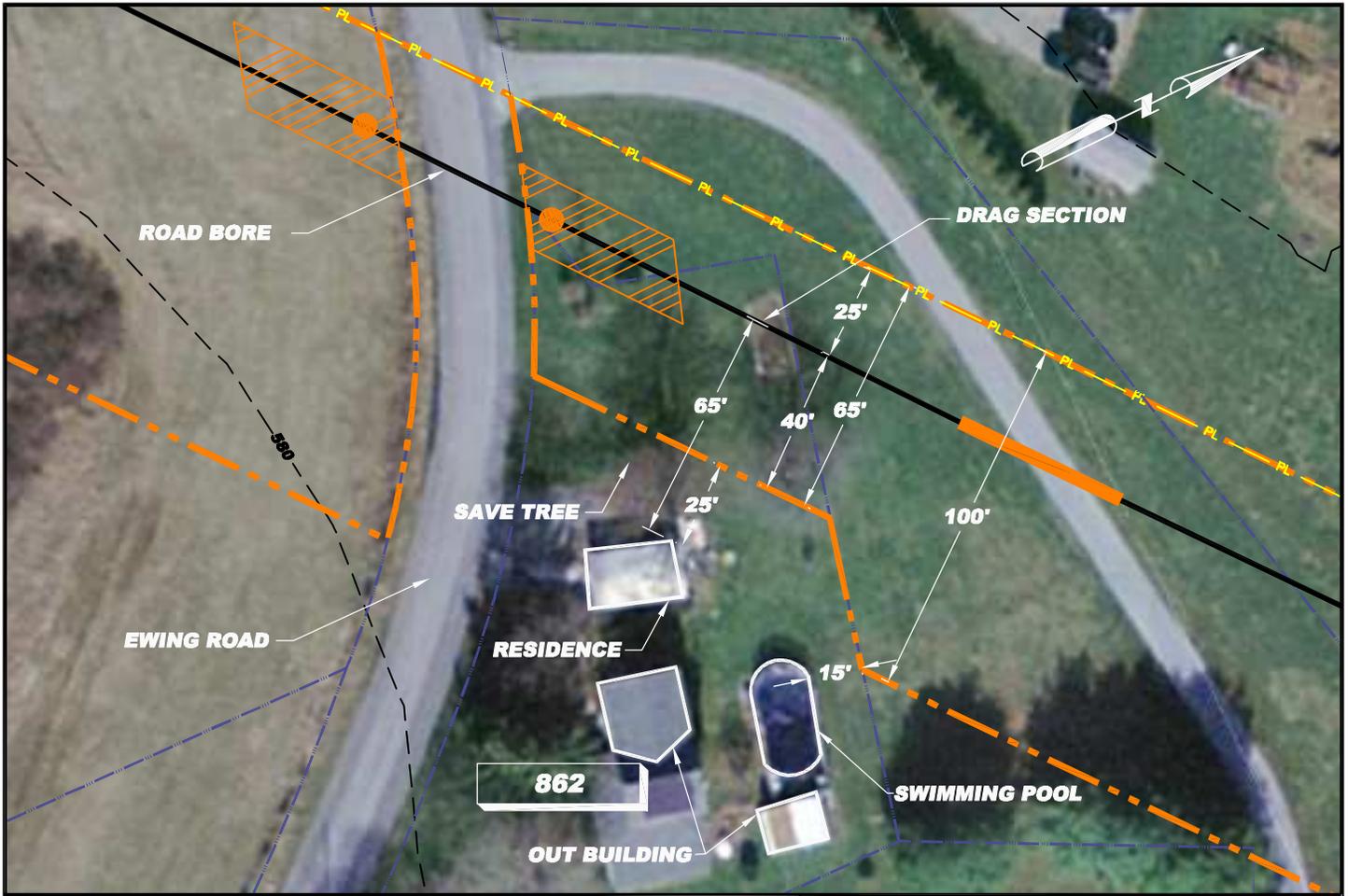
### STANDARD MAINLINE CONSTRUCTION

ATWS adjacent to Tweed Creek is required for storage of excavated material adjacent to and from the creek. The ATWS is also necessary to limit environmental impacts to the creek.



**SITE SPECIFIC PLAN**  
**MILE POST 56.85**  
**CHESTER, PENNSYLVANIA**

DRN BY <b>EEI</b>	CHK BY	APPRV	DATE <b>05/27/08</b>	Scale <b>NTS</b>	Drawing No. <b>AES-900-56.85</b>	Sht. <b>1</b> of <b>1</b>	Rev <b>A</b>
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**R/S: RESIDENTIAL - TRACT 862**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install road bore
5. Construct drag-section
6. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
7. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of drag section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

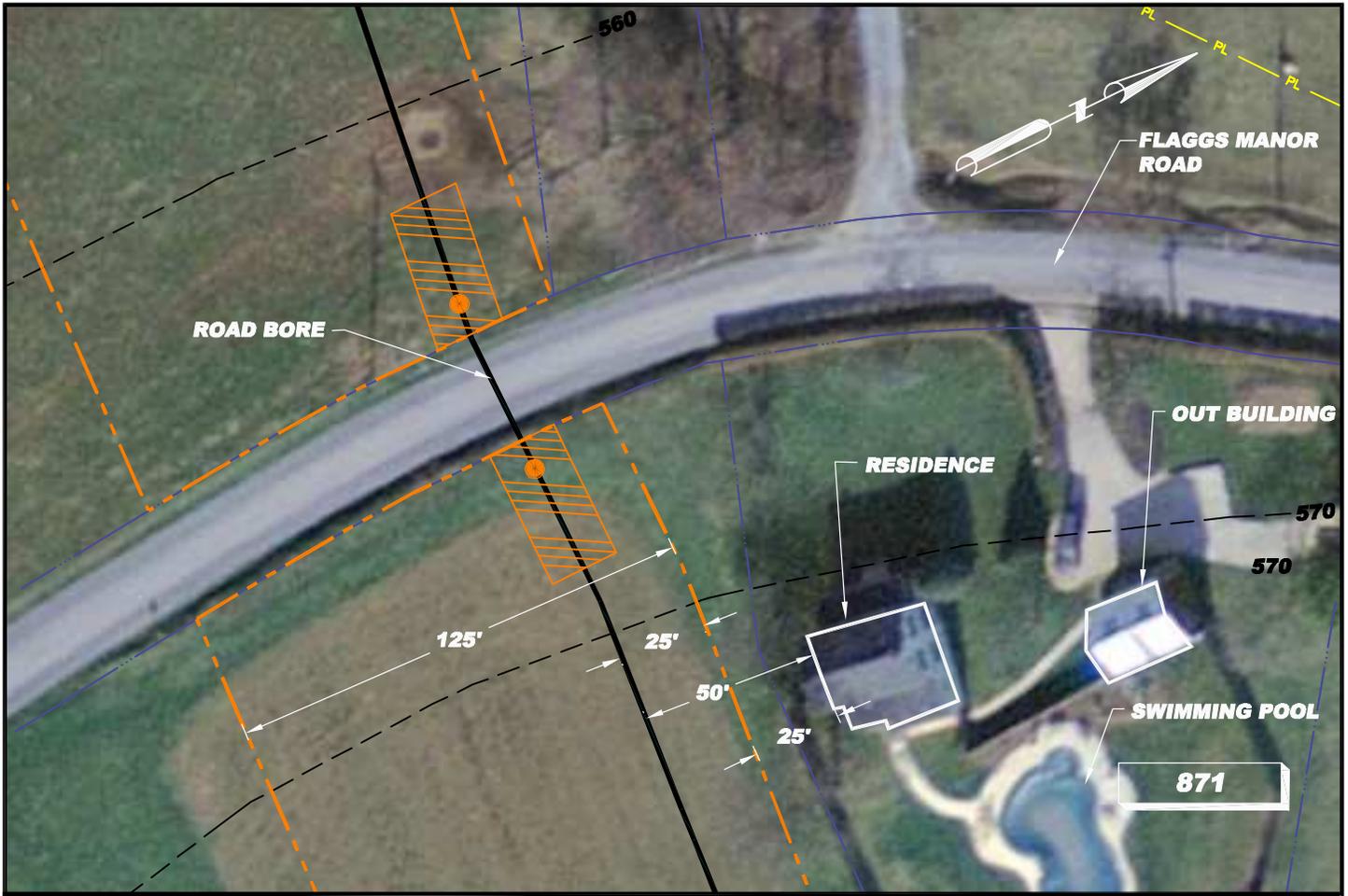
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

- NOTE:
- 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.
  - 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.
  - 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.
  - 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 64.12**  
**CHESTER, PENNSYLVANIA**

DRN BY JTG	CHK BY	APPRV	DATE 09/04/08	Scale 1" = 50'	Drawing No. AES-900-64.12	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 871**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install road bore
5. Construct drag-section
6. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
7. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of drag section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

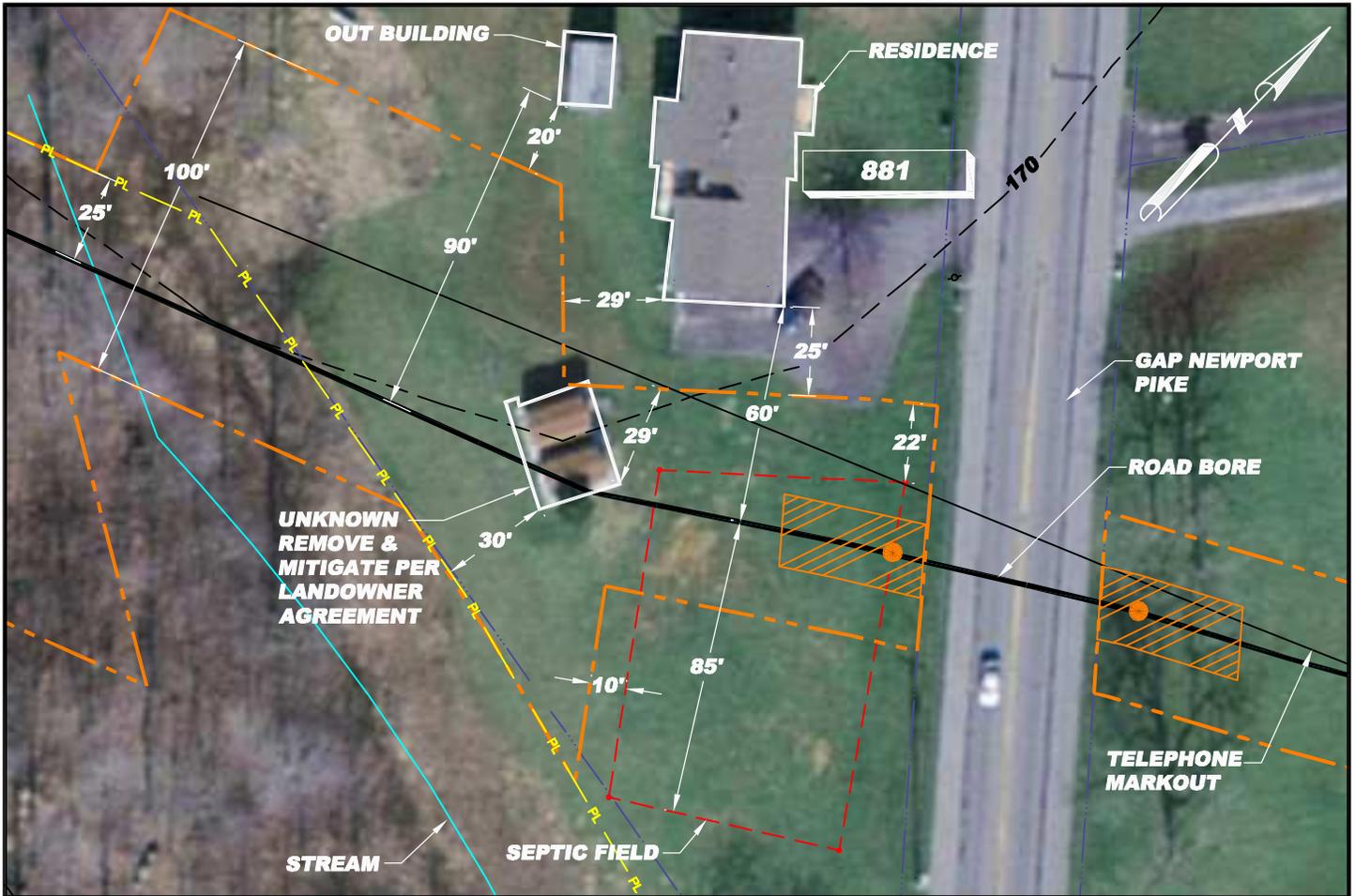
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

- NOTE:
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  - 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.
  - 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.
  - 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE



**SITE SPECIFIC PLAN**  
**MILE POST 64.94**  
**CHESTER, PENNSYLVANIA**

DRN BY JTG	CHK BY	APPRV	DATE 09/04/08	Scale 1" = 50'	Drawing No. AES-900-64.94	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 881**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install road bore
5. Construct drag-section
6. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
7. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of drag section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

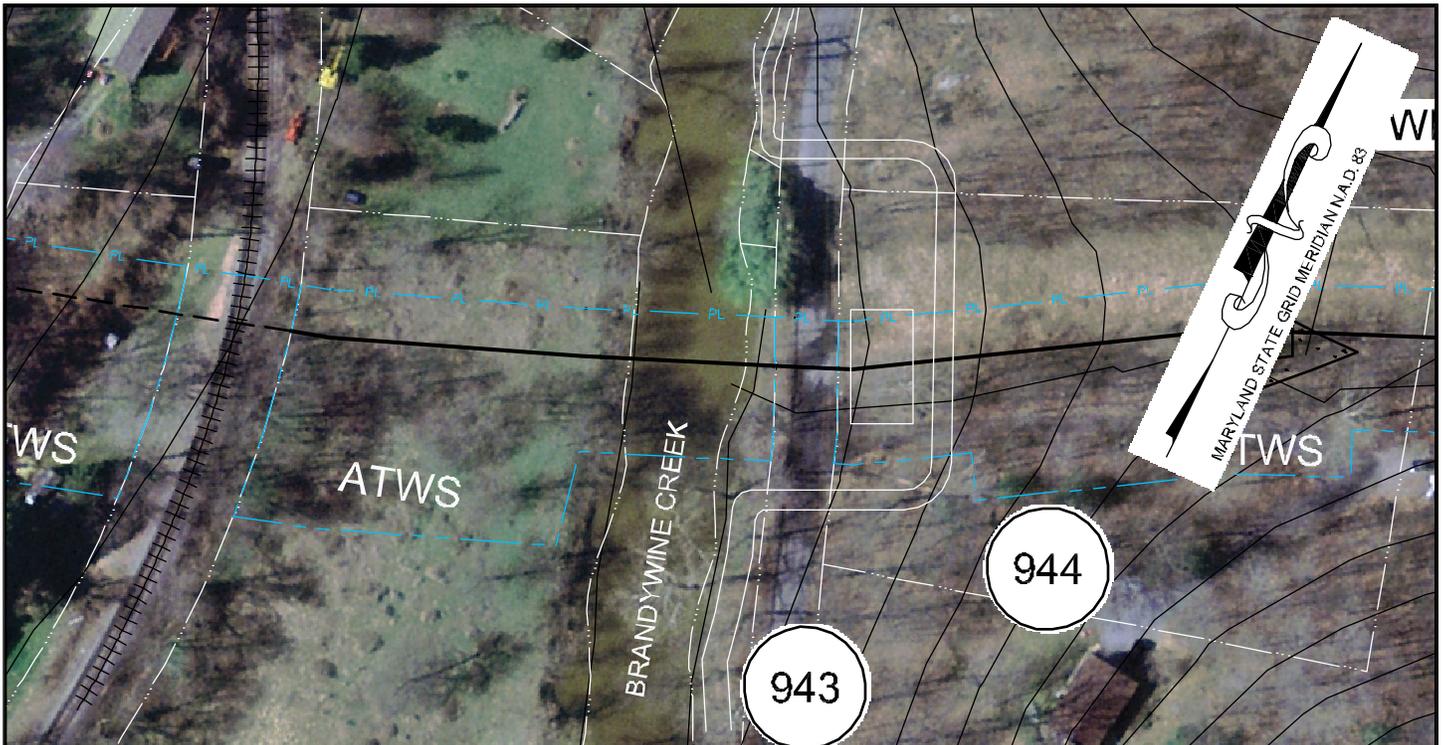
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

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  - 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.
  - 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 66.48**  
**CHESTER, PENNSYLVANIA**

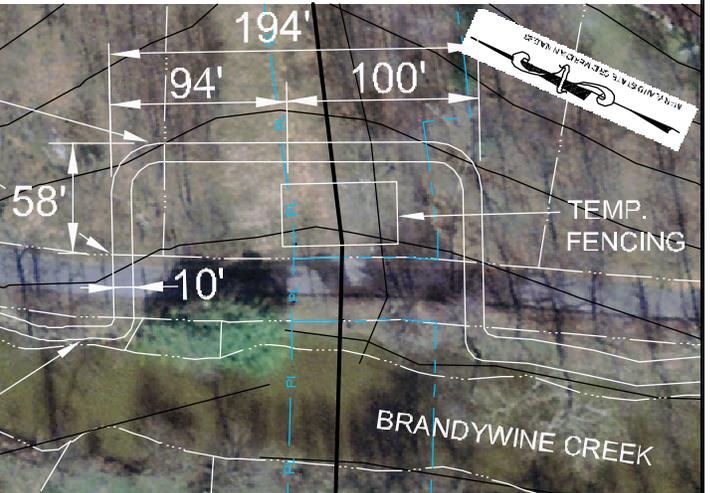
DRN BY JTG	CHK BY	APPRV	DATE 09/04/08	Scale 1" = 50'	Drawing No. AES-900-66.48	Sht. 1 of 1	Rev B
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**NOTES:**

1. TEMPORARY SURFACE TO MATCH EXISTING SURFACE MATERIAL
2. GRADE & COMPACT AS REQUIRED FOR TEMPORARY SURFACE

TEMPORARY BY-PASS PATH  
MATCH WIDTH & GRADE



**NOTE:**  
ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPE LINE.

- PL — PL — PIPE LINE
- PL — PL — PIPE LINE / EASEMENT
- — — — — WORK SPACE

- TSS - TOP SOIL SEGREGATION
- ATWS - ADDITIONAL TEMPORARY WORK SPACE
- TWS - TEMPORARY WORK SPACE

**PROPOSED MITIGATION: 18 R/S: INDUSTRIAL - TRACT**

1. Install safety fence along edge of workspace
2. Prepare access and establish environmental protection per Best Management Practices
3. Grade area for temporary path
4. Surface temporary path to match existing tie-in elevations
5. Cut walkway for ditch excavation
6. Excavate ditch for approximately 40'
7. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
9. Re-surface walkway
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction
  - a. Remove temporary walkway
11. Implement Sparrows Point Project Environment Construction Plan – including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas

**SITE SPECIFIC PLAN  
MILE POST 74.19  
CHESTER PENNSYLVANIA**

DRN BY <b>EEI</b>	CHK BY	APPRV	DATE <b>05/27/08</b>	Scale <b>NTS</b>	Drawing No. <b>AES-900-74.19</b>	Sht. <b>1</b> of <b>1</b>	Rev <b>A</b>
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**R/S: RESIDENTIAL - TRACT 981.2**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section
7. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
9. Install temporary above ground marker at end of drag section for mainline construction tie-in
10. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
11. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
12. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
13. Establish and maintain access for mainline construction ingress/egress
14. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



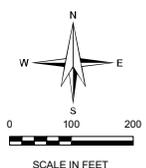
**SITE SPECIFIC PLAN**  
**MILE POST 76.21**  
**CHESTER, PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1" = 50'	Drawing No. AES-900-76.21	Sht. 1 of 1	Rev B
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- MID-ATLANTIC EXPRESS PIPELINE
- WORKSPACE
- - - PROPOSED VARIATION
- - - PROPOSED WORKSPACE
- STREAM
- WETLAND
- - - USGS STREAM
- NWI WETLAND



MID-ATLANTIC EXPRESS  
 Aerial Photo

PREPARED BY:  
 HALEY & ALDRICH

MID-ATLANTIC EXPRESS, LLC  
 AES SPARROWS POINT LNG, LLC  
 BALTIMORE, MD – CHESTER, PA

VICTORIA CROSSING

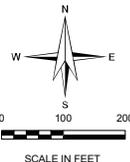
SCALE: AS SHOWN  
 OCTOBER 2008

FIGURE NO. ENV3  
 SHEET 1 OF 2

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- MID-ATLANTIC EXPRESS PIPELINE
- STREAM
- WORKSPACE
- WETLAND
- PROPOSED VARIATION
- USGS STREAM
- PROPOSED WORKSPACE
- NWI WETLAND



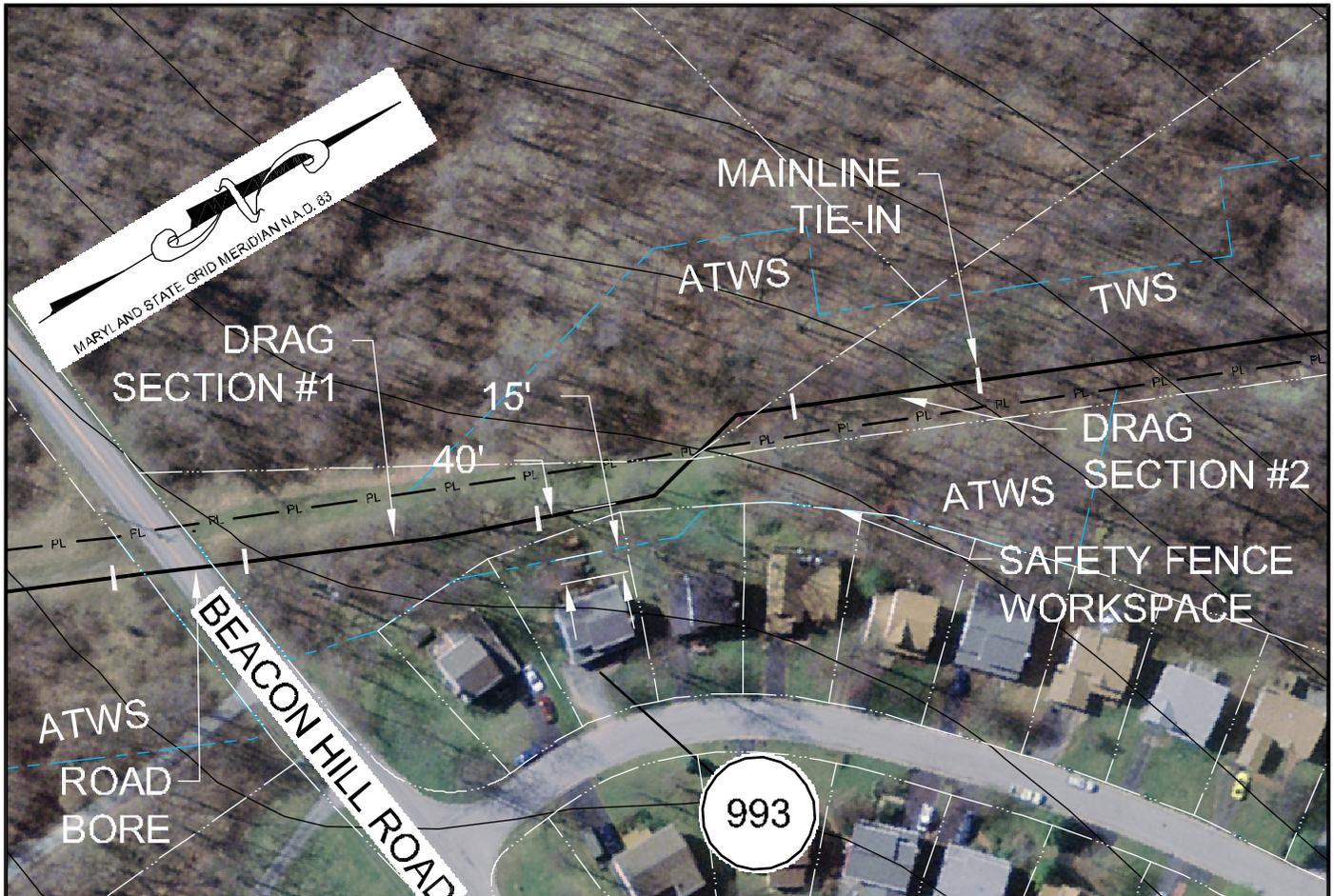
PREPARED BY:  
HALEY & ALDRICH

MID-ATLANTIC EXPRESS, LLC  
 AES SPARROWS POINT LNG, LLC  
 BALTIMORE, MD - CHESTER, PA

**VICTORIA CROSSING**

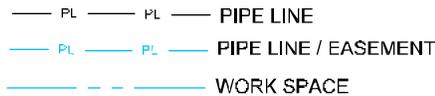
SCALE: AS SHOWN  
 OCTOBER 2008

**FIGURE NO. ENV3  
 SHEET 2 OF 2**



**NOTE:**

ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPE LINE.



TSS - TOP SOIL SEGREGATION

ATWS - ADDITIONAL TEMPORARY WORK SPACE

TWS - TEMPORARY WORK SPACE

**PROPOSED MITIGATION: 6      R/S: RESIDENCE 993**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section #1
7. Excavate ditch to crossover of Columbia Gas pipe line, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Backfill ditch from road bore tie-in to a point that will not hinder construction installation of Columbia Gas pipe line crossover
9. Excavate and install crossover of Columbia Gas pipe line
10. Upon appropriate inspection approvals, backfill crossover to a point that will not hinder construction installation of drag-section #2
11. Construct drag-section #2
12. Excavate ditch from crossover of Columbia Gas pipe line, install drag-section #2 and tie-in to crossover pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
13. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
14. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
15. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
16. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
17. Establish and maintain access for mainline construction ingress/egress
18. Upon completion of all construction activities and during final restoration immediately restore effected areas.



**SITE SPECIFIC PLAN  
MILE POST 77.05  
CHESTER PENNSYLVANIA**

DRN BY <b>E EI</b>	CHK BY	APPRV	DATE <b>05/27/08</b>	Scale <b>NTS</b>	Drawing No. <b>AES-900-77.05</b>	Sht. <b>1</b> of <b>1</b>	Rev <b>A</b>
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**R/S: RESIDENTIAL - TRACT 990.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section
7. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
9. Install temporary above ground marker at end of drag section for mainline construction tie-in
10. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
11. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
12. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
13. Establish and maintain access for mainline construction ingress/egress
14. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

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 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
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**SITE SPECIFIC PLAN**  
**MILE POST 77.16**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1" = 50'	Drawing No. AES-900-77.16	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1001.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section
7. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
9. Install temporary above ground marker at end of drag section for mainline construction tie-in
10. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
11. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
12. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
13. Establish and maintain access for mainline construction ingress/egress
14. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

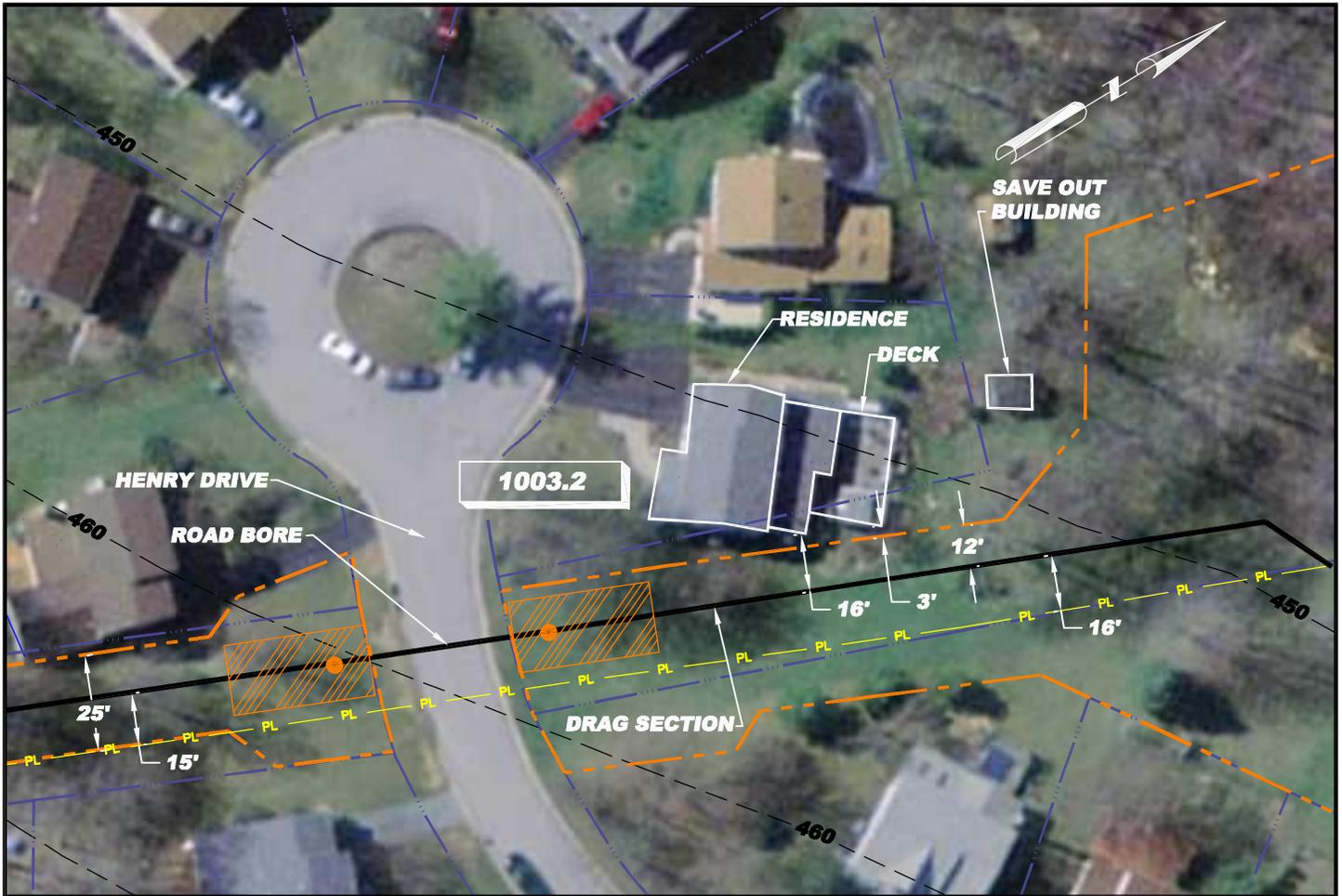
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
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**SITE SPECIFIC PLAN**  
**MILE POST 77.17**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.17	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1003.2**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section #1
7. Excavate ditch to crossover of Columbia Gas pipe line, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Backfill ditch from road bore tie-in to a point that will not hinder construction installation of Columbia Gas pipe line crossover
9. Excavate and install crossover of Columbia Gas pipe line
10. Upon appropriate inspection approvals, backfill crossover to a point that will not hinder construction installation of drag-section #2
11. Construct drag-section #2
12. Excavate ditch from crossover of Columbia Gas pipe line, install drag-section #2 and tie-in to crossover pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
13. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
14. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
15. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
16. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
17. Establish and maintain access for mainline construction ingress/egress
18. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

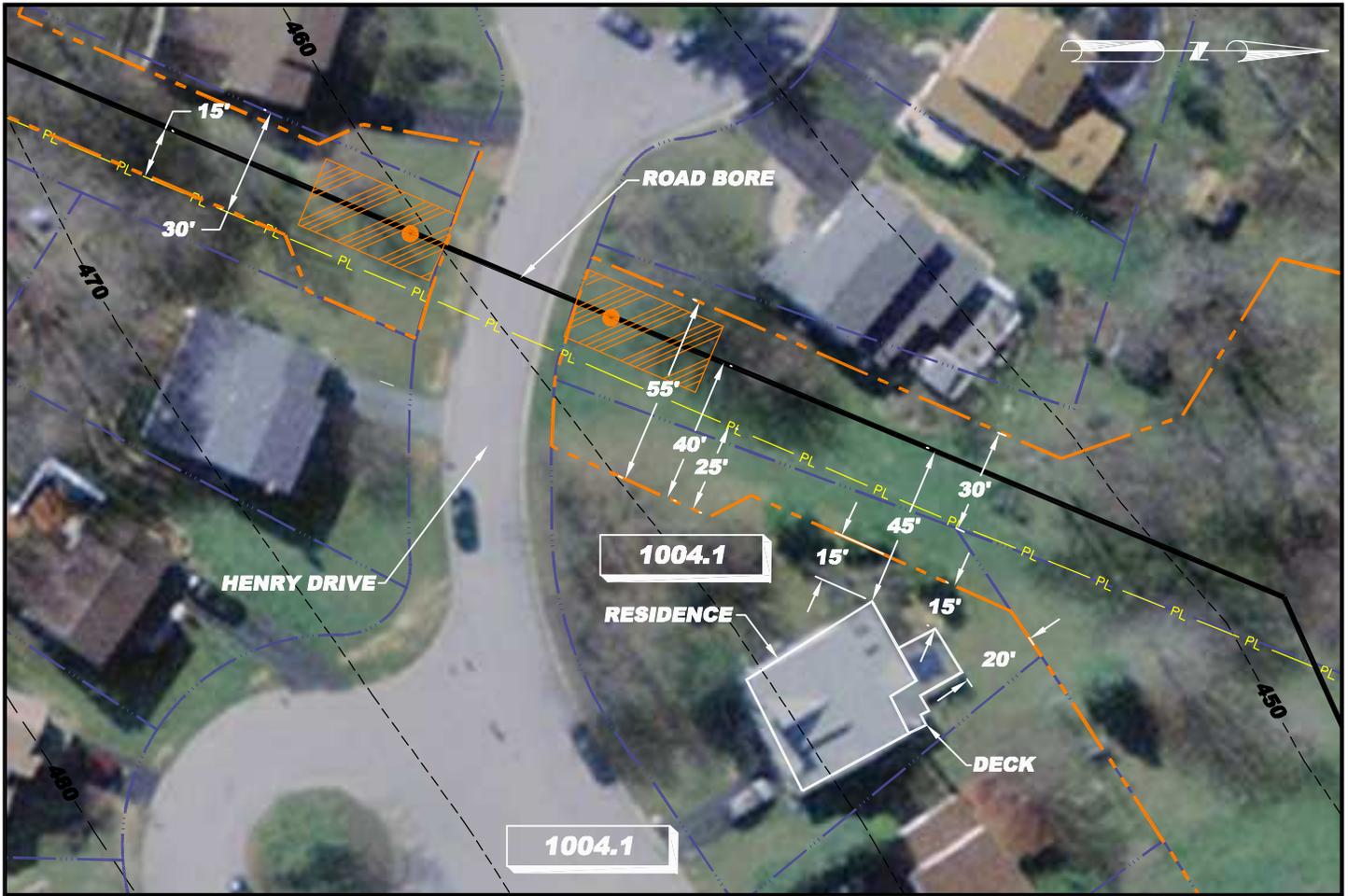
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
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**SITE SPECIFIC PLAN**  
**MILE POST 77.19**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.19	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1004.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Construct drag-section
5. Excavate ditch, install drag-section (ditch shall not be excavated until drag-section is complete and ready for installation)
6. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
7. Install temporary above ground marker at end of drag section for mainline construction tie-in
8. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
9. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
10. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
11. Establish and maintain access for mainline construction ingress/egress
12. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

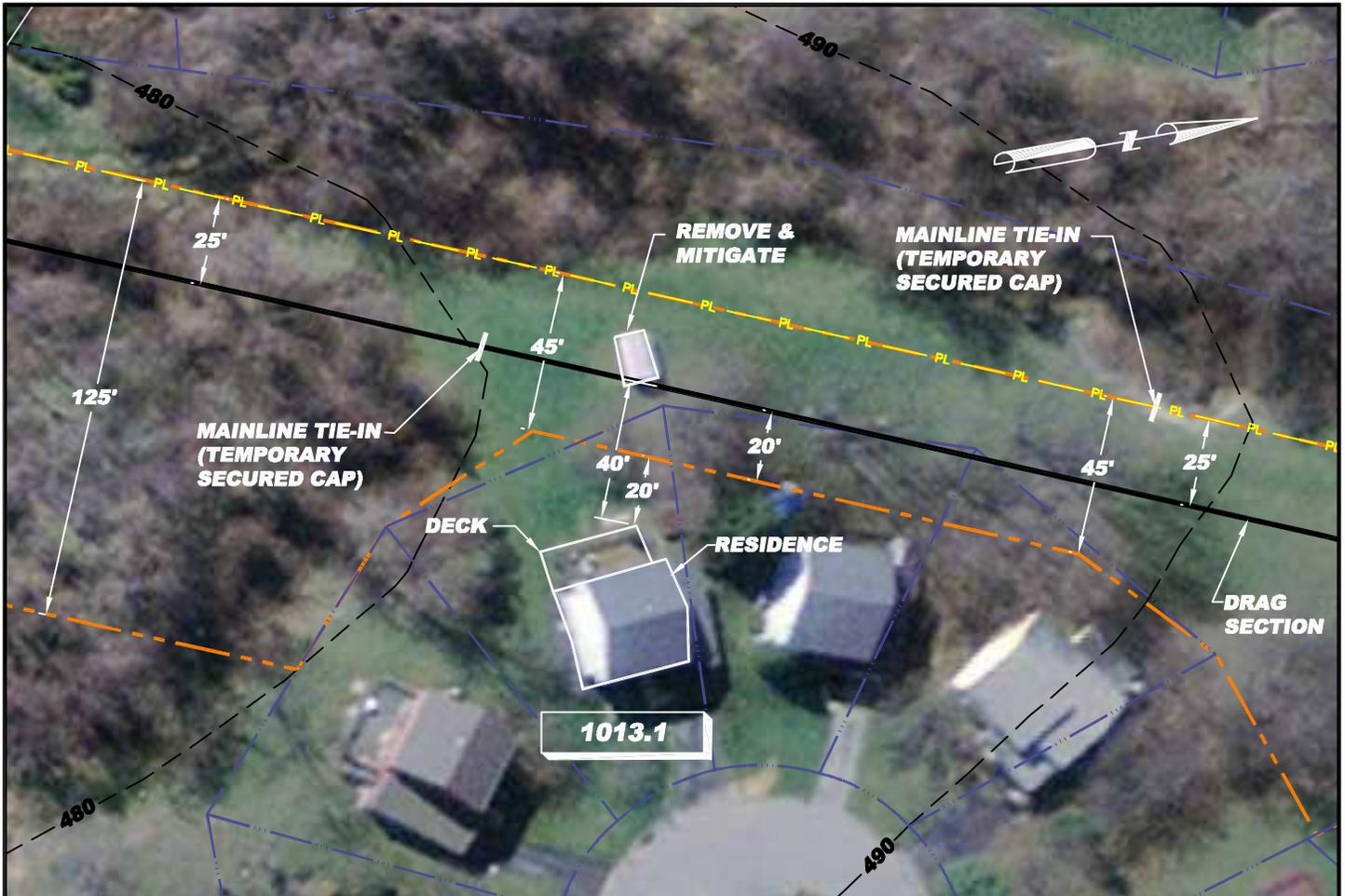
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

- NOTE:
- 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.
  - 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.
  - 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.
  - 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN  
MILE POST 77.2  
CHESTER PENNSYLVANIA**

DRN BY RS	CHK BY	APPRV	DATE 09/02/08	Scale 1" = 50'	Drawing No. AES-900-77.2	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 1013.1**

1. Install safety fence along edge of workspace and adjacent to residences for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Excavate ditch for approximately 60'
6. Install pipe using "stove pipe" method in open ditch. When placed and tied into previous pipe joint and when weld is half complete, excavate an additional 60'
7. Immediately backfill ditch upon required inspection approvals leaving no more than three segments of pipeline exposed at any time while maintaining appropriate safety precautions and complying with all safety regulations. (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of constructed section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



**SITE SPECIFIC PLAN**  
**MILE POST 77.54**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 00/22/08	Scale 1" = 50'	Drawing No. AES-900-77.54	Sheet 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1014.1**

1. Install safety fence along edge of workspace and adjacent to residences for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Excavate ditch for approximately 60'
6. Install pipe using "stove pipe" method in open ditch. When placed and tied into previous pipe joint and when weld is half complete, excavate an additional 60'
7. Immediately backfill ditch upon required inspection approvals leaving no more than three segments of pipeline exposed at any time while maintaining appropriate safety precautions and complying with all safety regulations. (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of constructed section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

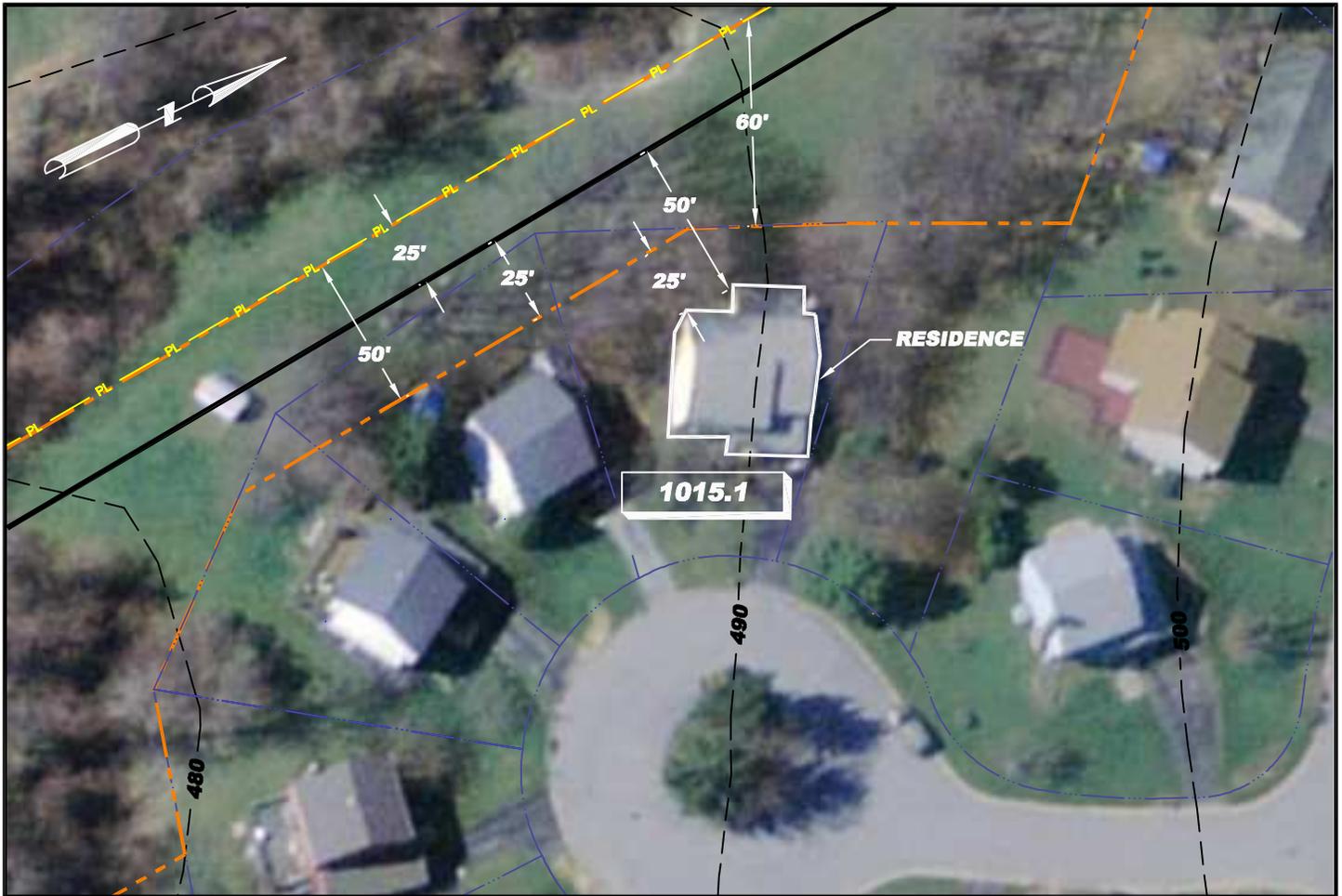
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



**SITE SPECIFIC PLAN**  
**MILE POST 77.55**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.55	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1015.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Construct drag-section
5. Excavate ditch, install drag-section (ditch shall not be excavated until drag-section is complete and ready for installation)
6. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
7. Install temporary above ground marker at end of drag section for mainline construction tie-in
8. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
9. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
10. Implement Sparrows Point Project Environmental Construction Plan - including FERC *Upland Erosion Control, Revegetation and Maintenance Plan*
11. Establish and maintain access for mainline construction ingress/egress
12. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.  
 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 77.56**  
**CHESTER, PENNSYLVANIA**

DRN BY KSR	CHK BY	APPRV	DATE 09/02/08	Scale 1" = 50'	Drawing No. AES-900-77.56	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 1019.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section
7. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
9. Install temporary above ground marker at end of drag section for mainline construction tie-in
10. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
11. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
12. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
13. Establish and maintain access for mainline construction ingress/egress
14. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

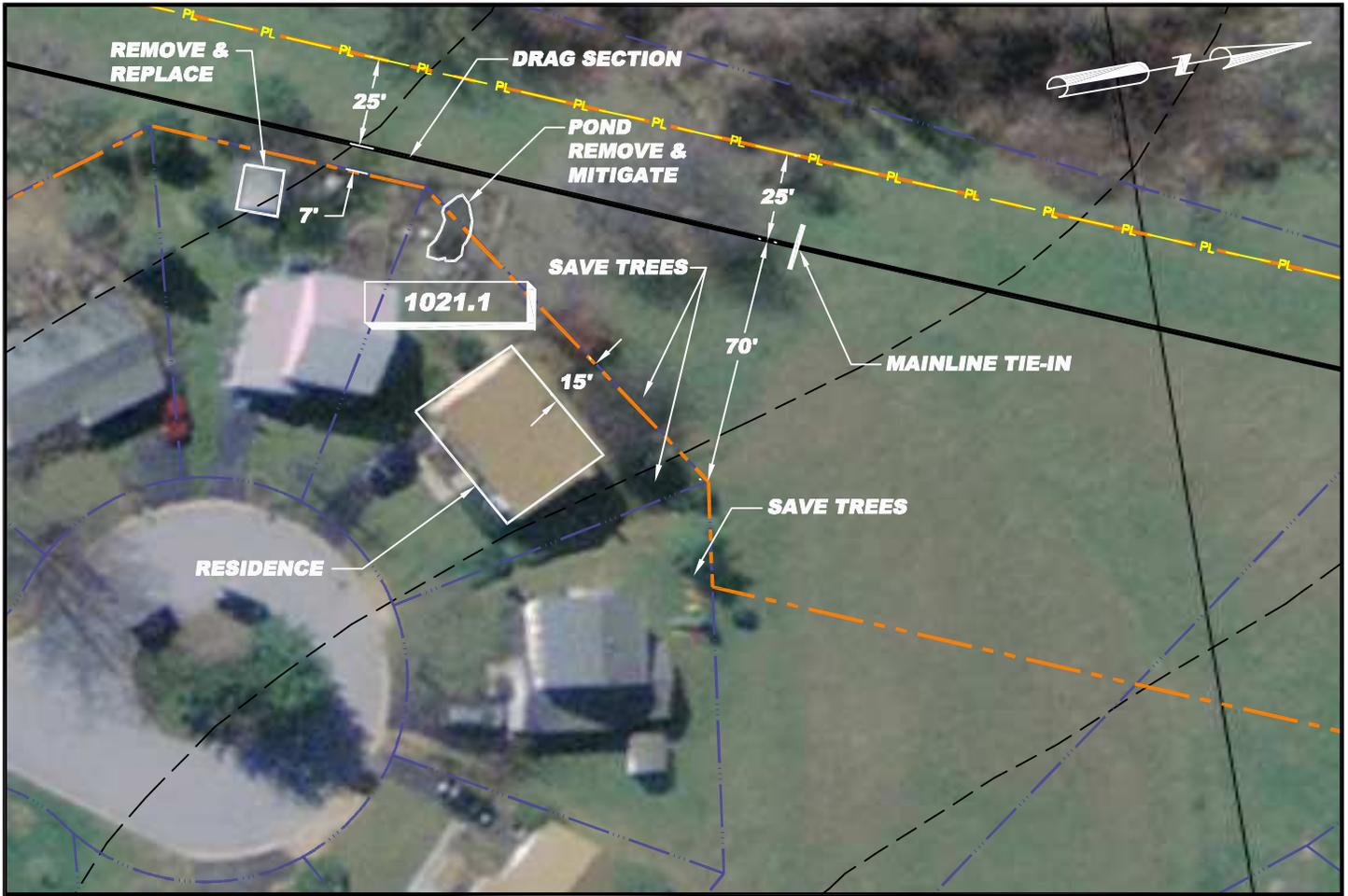
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



**SITE SPECIFIC PLAN**  
**MILE POST 77.61**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.61	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1021.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section
7. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
9. Install temporary above ground marker at end of drag section for mainline construction tie-in
10. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
11. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
12. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
13. Establish and maintain access for mainline construction ingress/egress
14. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

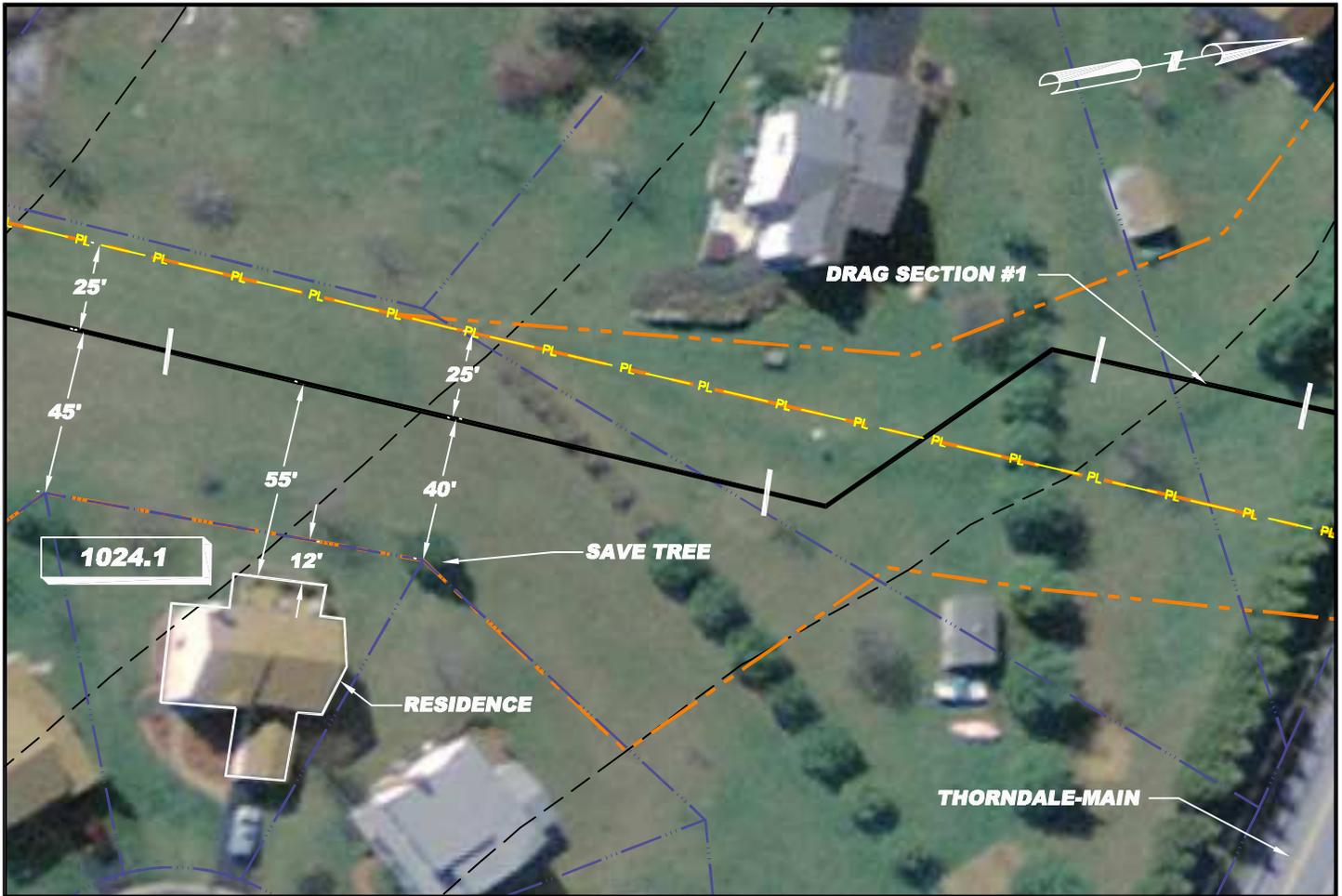
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



**SITE SPECIFIC PLAN**  
**MILE POST 77.62**  
**CHESTER PENNSYLVANIA**

DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.62	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1024.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install matting over underground utilities as required
5. Install road bore
6. Construct drag-section #1
7. Excavate ditch to crossover of Columbia Gas pipe line, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
8. Install drag-section #1 and tie-in to road bore pipe
9. Backfill ditch from road bore tie-in to a point that will not hinder construction installation of Columbia Gas pipe line crossover
10. Excavate and install crossover of Columbia Gas pipe line
11. Upon appropriate inspection approvals, backfill crossover to a point that will not hinder construction installation of drag-section #2
12. Construct drag-section #2
13. Excavate ditch from crossover of Columbia Gas pipe line, install drag-section #2 and tie-in to crossover pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
14. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
15. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
16. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
17. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
18. Establish and maintain access for mainline construction ingress/egress
19. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

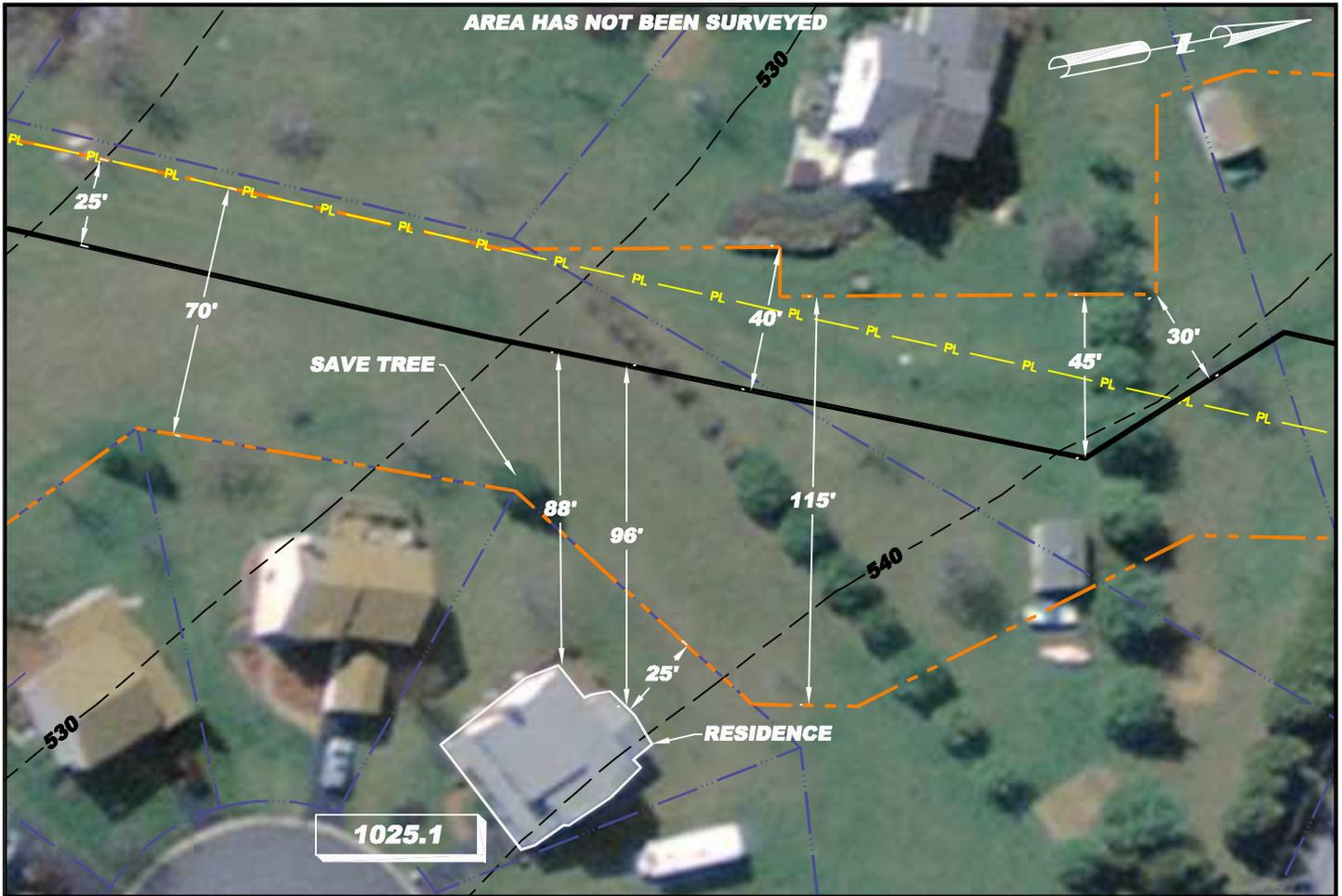
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
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 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.



**SITE SPECIFIC PLAN**  
**MILE POST 77.68**  
**CHESTER PENNSYLVANIA**

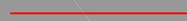
DRN BY EEI	CHK BY	APPRV	DATE 08/22/08	Scale 1"=50'	Drawing No. AES-900-77.68	Sht. 1 of 1	Rev B
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**R/S: RESIDENTIAL - TRACT 1025.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Construct drag-section
5. Excavate ditch, install drag-section (ditch shall not be excavated until drag-section is complete and ready for installation)
6. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
7. Install temporary above ground marker at end of drag section for mainline construction tie-in
8. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
9. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
10. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
11. Establish and maintain access for mainline construction ingress/egress
12. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

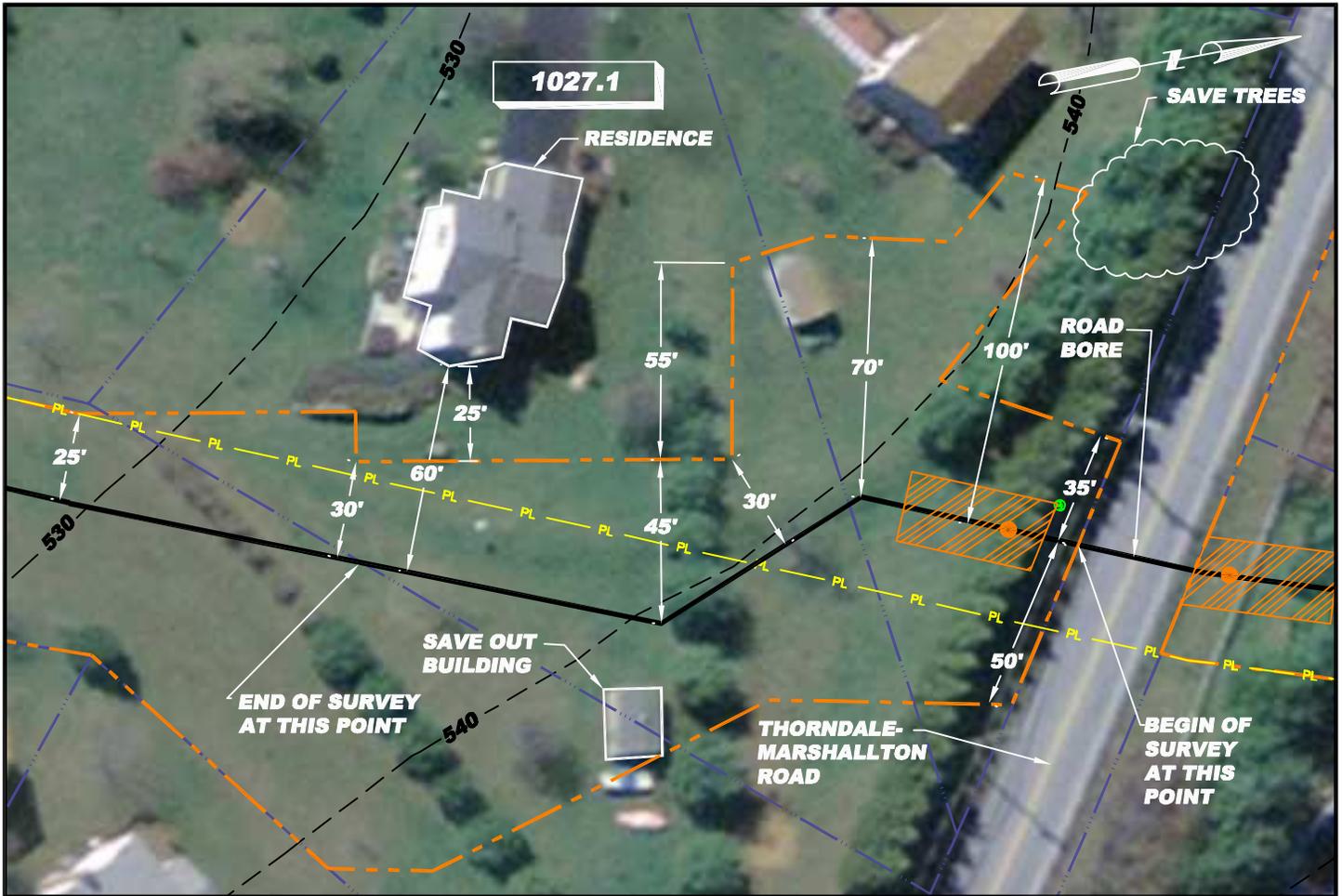
-  EXISTING PIPELINE
-  EXISTING POWER LINE
-  PROPERTY LINE
-  CONTOUR LINE
-  PROPOSED PIPELINE
-  PROPOSED WORK SPACE BOUNDARY
-  PROPOSED 20'x40' BORE PIT
-  PROPOSED OPEN CUT
-  RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.  
 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 77.69**  
**CHESTER, PENNSYLVANIA**

DRN BY CB	CHK BY	APPRV	DATE 09/05/08	Scale 1" = 50'	Drawing No. AES-900-77.69	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 1027.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Construct drag-section
5. Excavate ditch, install drag-section (ditch shall not be excavated until drag-section is complete and ready for installation)
6. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
7. Install temporary above ground marker at end of drag section for mainline construction tie-in
8. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
9. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
10. Implement Sparrows Point Project Environmental Construction Plan - including FERC *Upland Erosion Control, Revegetation and Maintenance Plan*
11. Establish and maintain access for mainline construction ingress/egress
12. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

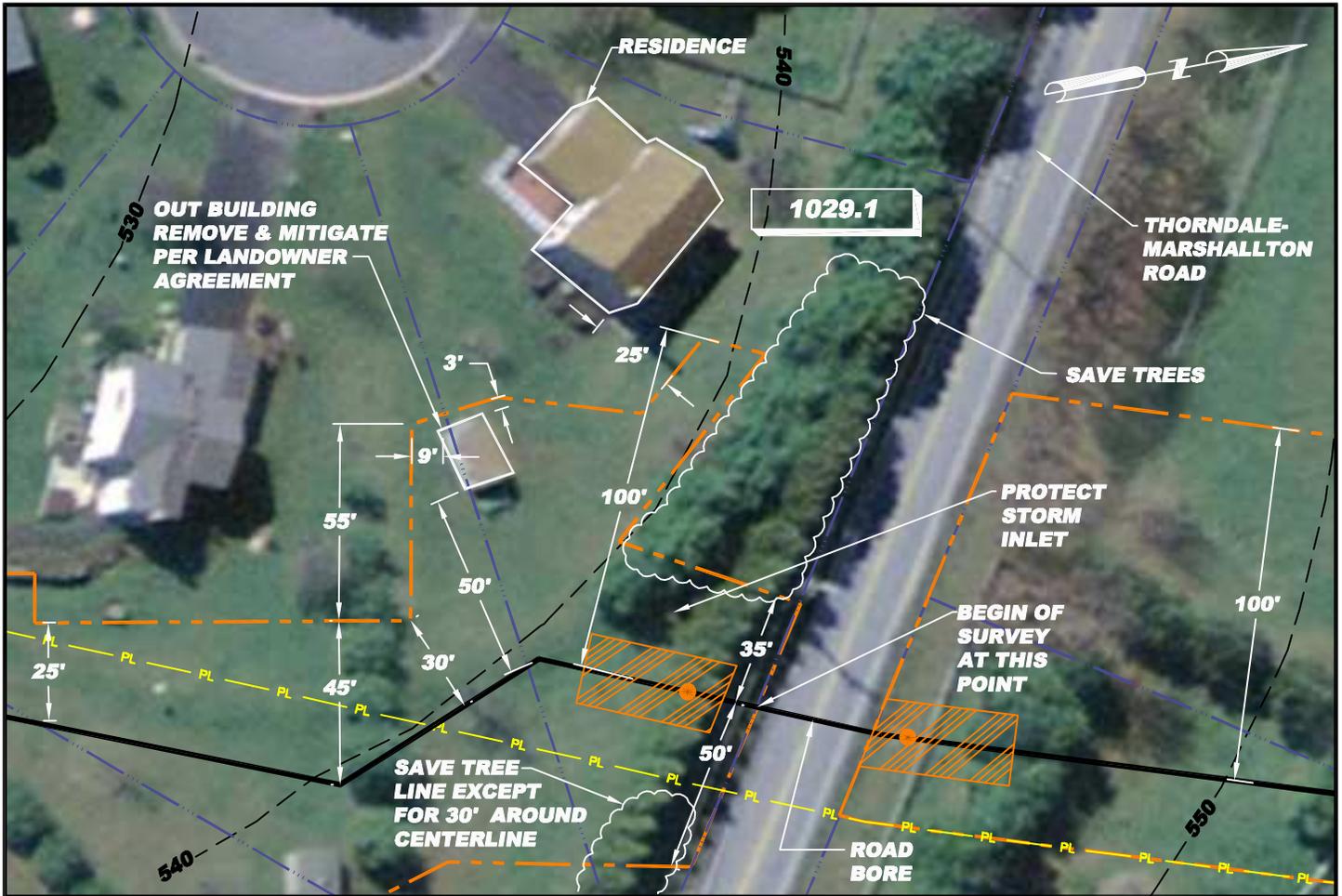
- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
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 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.  
 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 77.71**  
**CHESTER, PENNSYLVANIA**

DRN BY CB	CHK BY	APPRV	DATE 09/05/08	Scale 1" = 50'	Drawing No. AES-900-77.71	Sht. 1 of 1	Rev A
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**R/S: RESIDENTIAL - TRACT 1029.1**

1. Install safety fence along edge of workspace and adjacent to residence for a distance of 100 feet on either side of residence
2. Prepare access and establish environmental protection devices in accordance with Best Management Practices
3. Segregate top-soil within boundaries of workspace if required
4. Install road bore
5. Construct drag-section
6. Excavate ditch, install drag-section and tie-in to road bore pipe (ditch shall not be excavated until drag-section is complete and ready for installation)
7. Install and secure temporary cap and immediately backfill ditch upon required inspection approvals (Note: Mid-Atlantic Express shall implement the ditch excavation and backfill procedures outlined here into the contract Terms and Conditions)
8. Install temporary above ground marker at end of drag section for mainline construction tie-in
9. Except area required for continued access for mainline construction, immediately restore all lawn areas and landscaping within construction work area consistent with requirements of the plan (Secure top soil dedicated for access area replacement upon final clean-up)
10. Remove safety fence along edge of workspace and relocate along edge of access area for mainline construction.
11. Implement Sparrows Point Project Environmental Construction Plan - including FERC Upland Erosion Control, Revegetation and Maintenance Plan
12. Establish and maintain access for mainline construction ingress/egress
13. Upon completion of all construction activities and during final restoration immediately restore effected areas.

**LEGEND**

- EXISTING PIPELINE
- EXISTING POWER LINE
- PROPERTY LINE
- CONTOUR LINE
- PROPOSED PIPELINE
- PROPOSED WORK SPACE BOUNDARY
- PROPOSED 20'x40' BORE PIT
- PROPOSED OPEN CUT
- RESIDENTIAL - TRACT NUMBER

NOTE: 1) ALL PERMANENT EASEMENTS ARE 50 FT. WIDE, 25' ON EITHER SIDE OF PIPELINE.  
 2) ADDITIONAL INFORMATION GATHERED DURING EASEMENT NEGOTIATIONS OR SUBSEQUENT LANDOWNER DISCUSSIONS WILL BE INTEGRATED AS APPROPRIATE.  
 3) ALL VEGETATION TO BE REMOVED UNLESS OTHERWISE NOTED.  
 4) ALL PROPERTY BOUNDARIES ARE APPROXIMATE.



**SITE SPECIFIC PLAN**  
**MILE POST 77.72**  
**CHESTER, PENNSYLVANIA**

DRN BY CB	CHK BY	APPRV	DATE 09/05/08	Scale 1" = 50'	Drawing No. AES-900-77.72	Sht. 1 of 1	Rev B
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