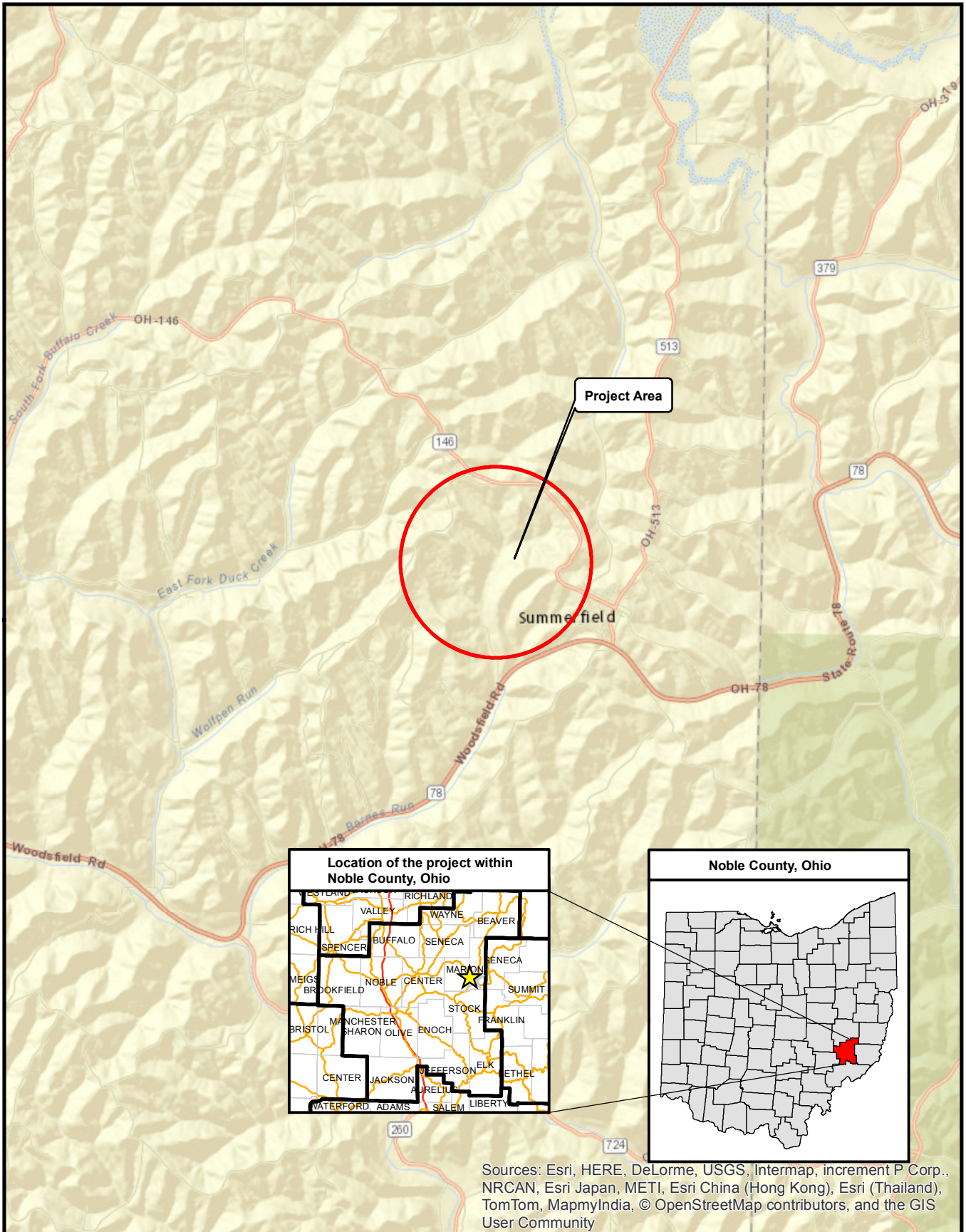


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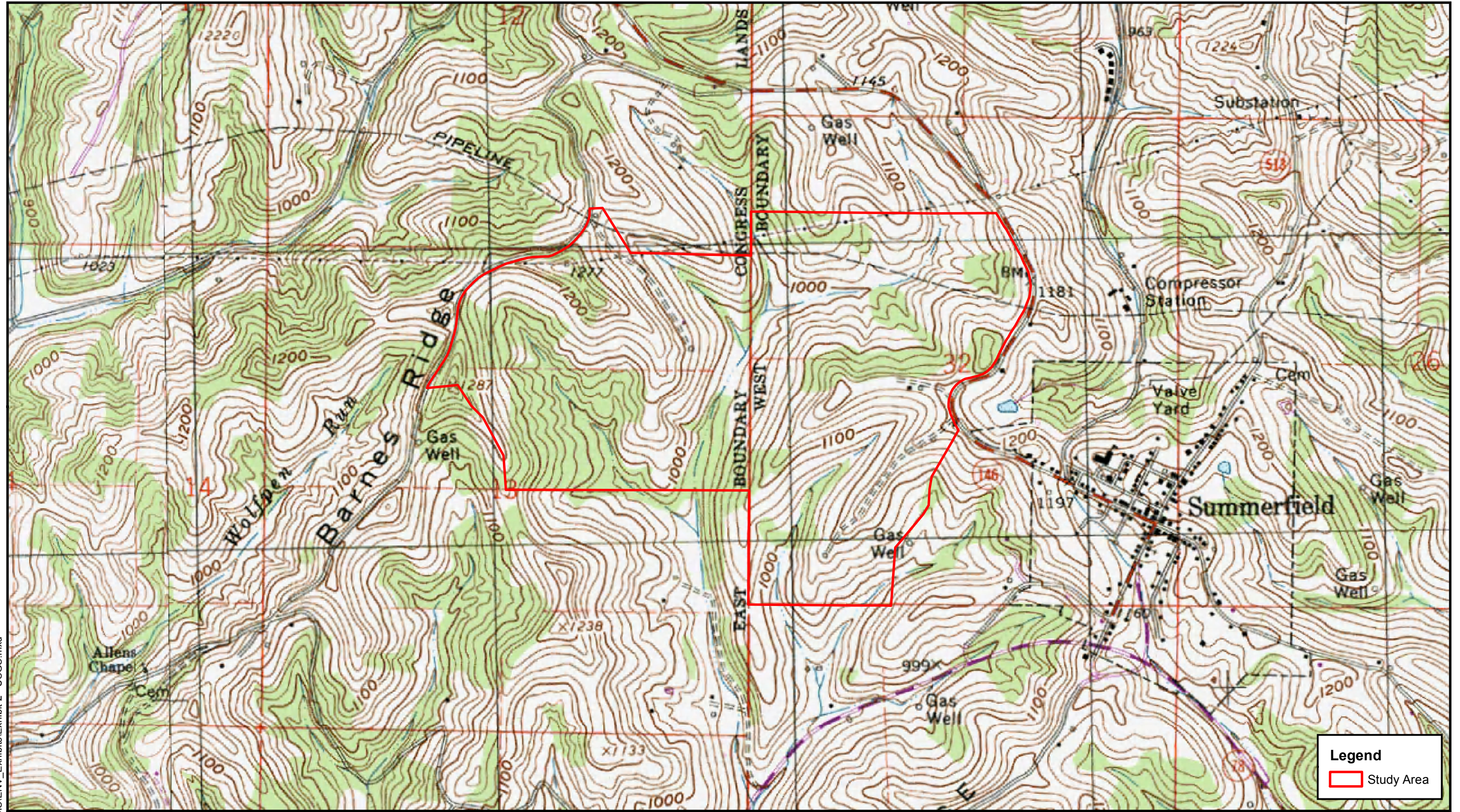
Sources: Esri, HERE, DeLorme, USGS, Intermap, increment P Corp., NRCAN, Esri Japan, METI, Esri China (Hong Kong), Esri (Thailand), TomTom, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

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MARION TOWNSHIP, NOBLE COUNTY, OHIO  
**Seneca Processing Complex Expansion  
 Location Map  
 Exhibit 1**

SCALE: 1" = 1 Mile  
 0 0.5 1 2 Miles





**Legend**

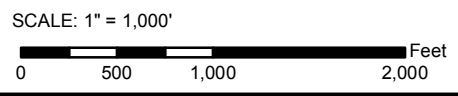
Study Area

MARION TOWNSHIP, NOBLE COUNTY, OHIO

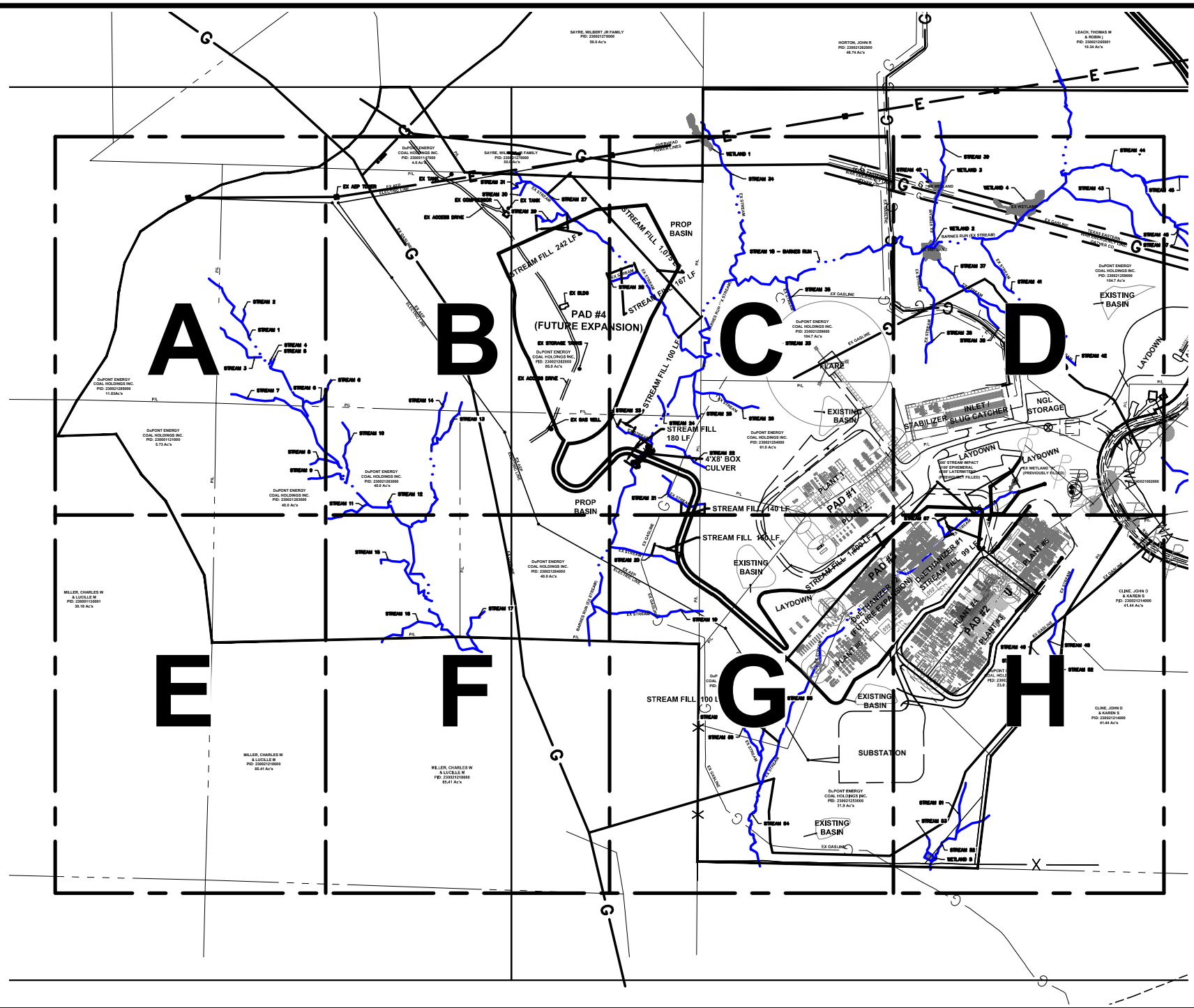
**Seneca Processing Complex Expansion  
USGS Map  
Exhibit 2**

Path: J:\20140759\GIS\ENV\_ Exhibits\Exhibit 2 - USGS.mxd

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Source: USGS Summerfield Quad Map (Pub. 1978)



SCALE: 1" = 750  
DATE: 11/18/2014

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
ALTERNATIVES ANALYSIS EXHIBIT  
FOR

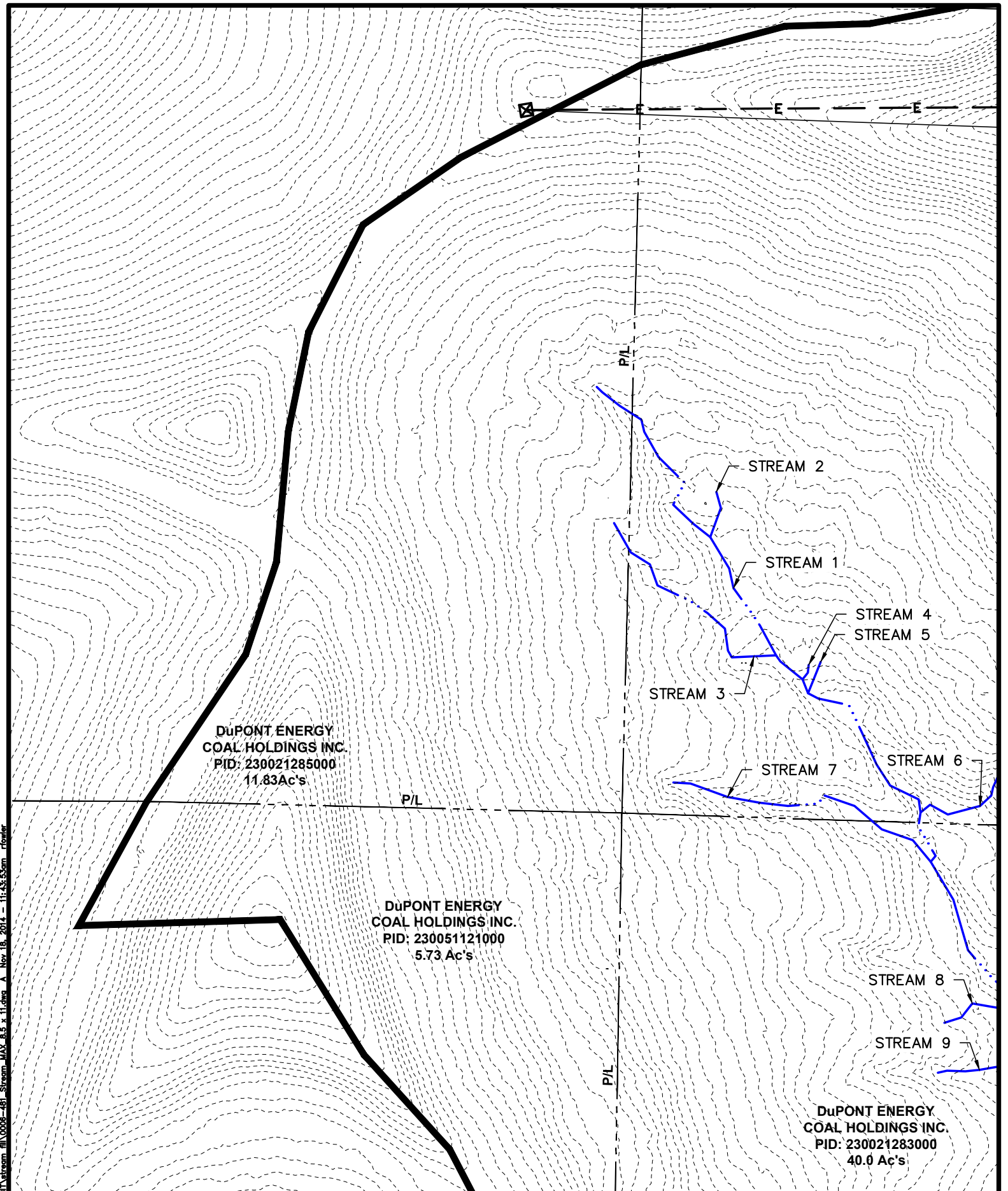
MARK WEST ENERGY PARTNER, LLC  
PREFERRED DESIGN ALTERNATIVE

SHEET 1 / 9

PLANNED BY:

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Columbus, Ohio 43230  
ph 614.488.7790  
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ADVANCED CIVIL DESIGN  
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Z:\12-0006-481\DWG\EXHIBIT\stream.mxd Nov 18, 2014 - 11:43:53am Fowler

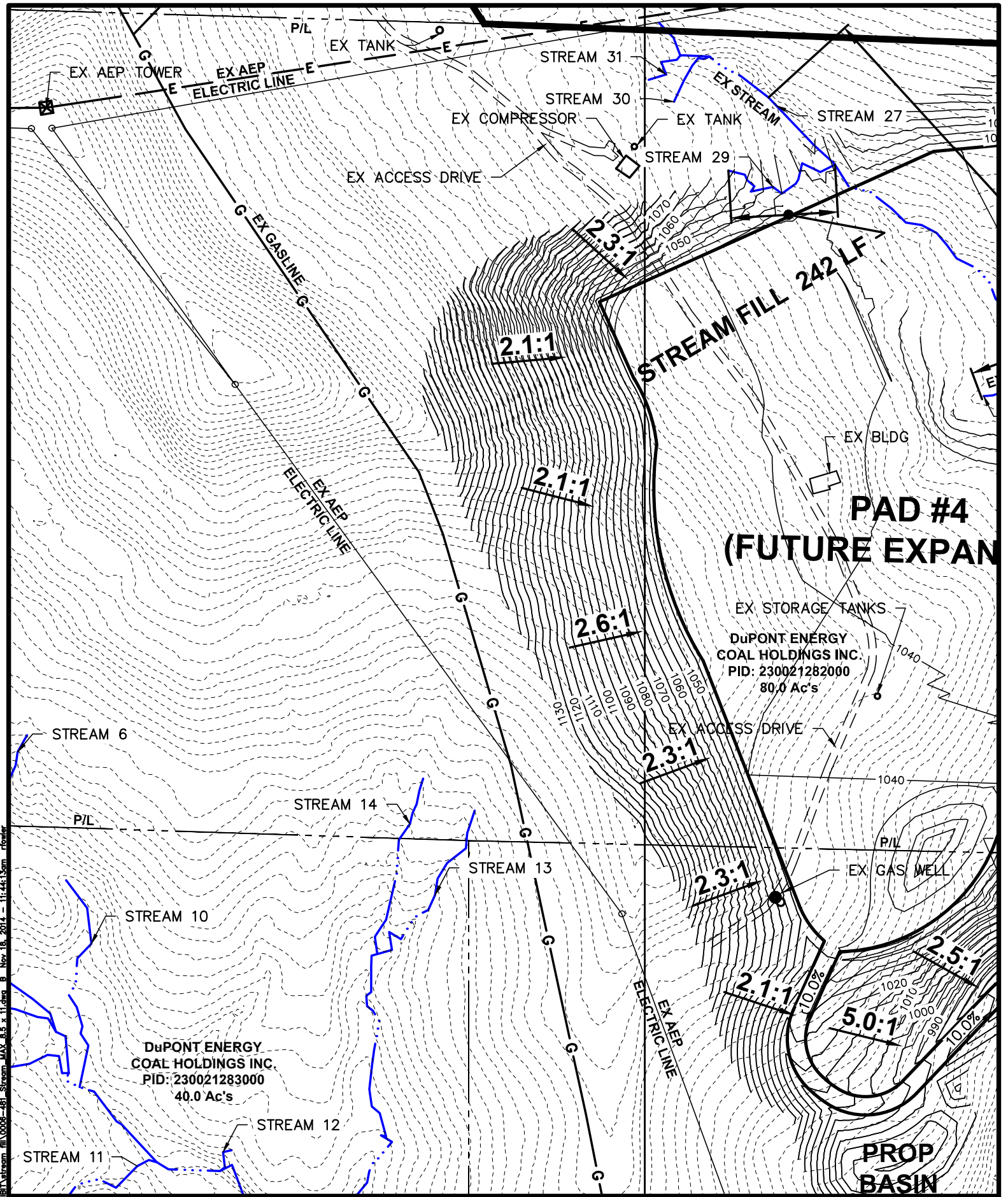
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SHEET 2 / 9

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
 CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
 ALTERNATIVES ANALYSIS EXHIBIT (SECTION "A")  
 FOR  
 MARK WEST ENERGY PARTNERS, LLC  
 PREFERRED DESIGN ALTERNATIVE

PLAN PREPARED BY:  
  
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 ENGINEERS SURVEYORS

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 fax 614.428.7755



Z:\12-0006-481\DWG\EXHIBIT\stream.mxd Nov 18, 2014 - 11:44:13am r.fowler

SCALE: 1" = 200'  
DATE: 11/18/2014

SHEET 3 / 9

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
**CONSOL SUMMERFIELD (SENECA) PROCESSING STATION**  
 ALTERNATIVES ANALYSIS EXHIBIT (SECTION "B")  
 FOR  
**MARK WEST ENERGY PARTNERS, LLC**  
 PREFERRED DESIGN ALTERNATIVE

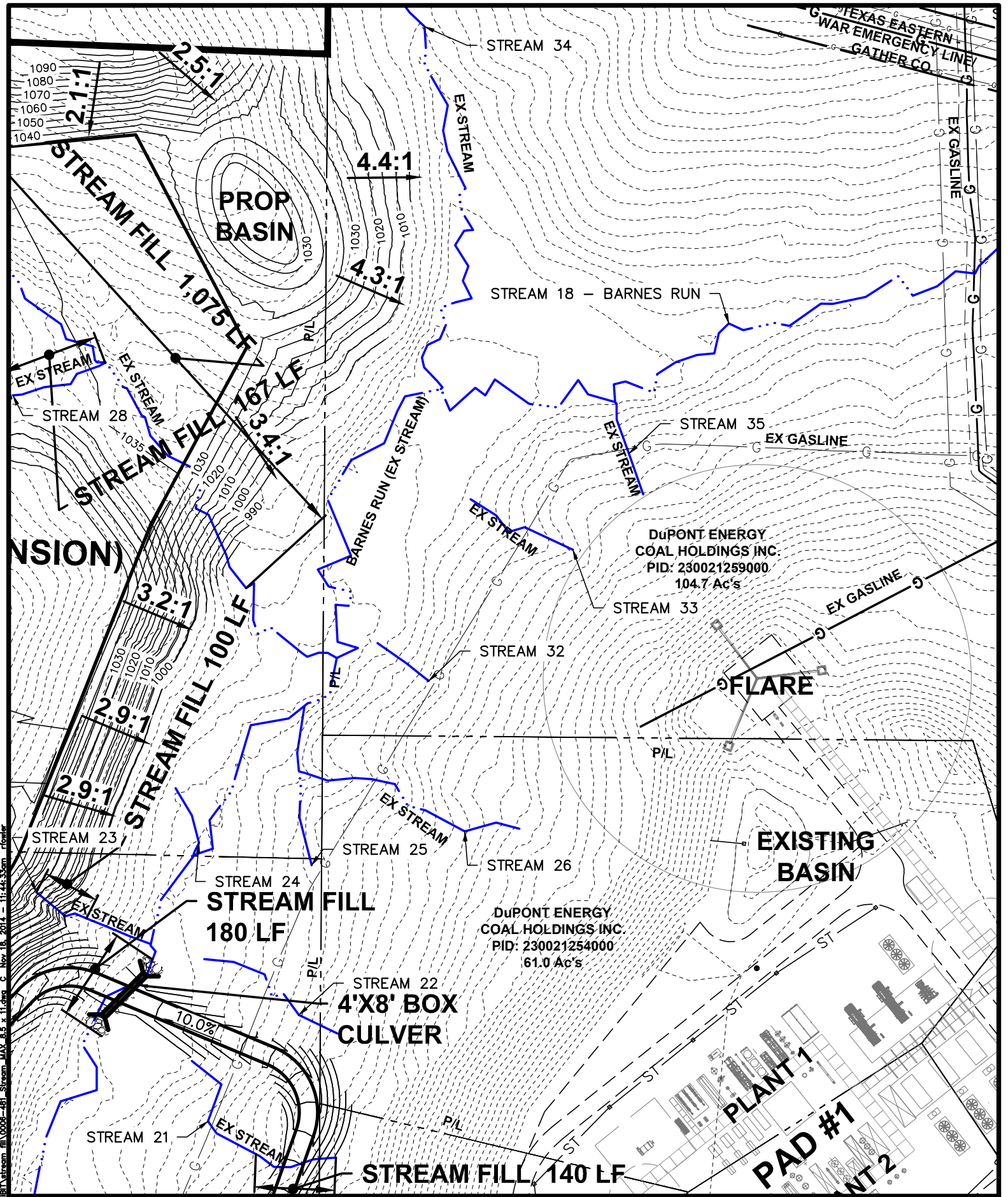
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ENGINEERS SURVEYORS



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SHEET 4 / 9

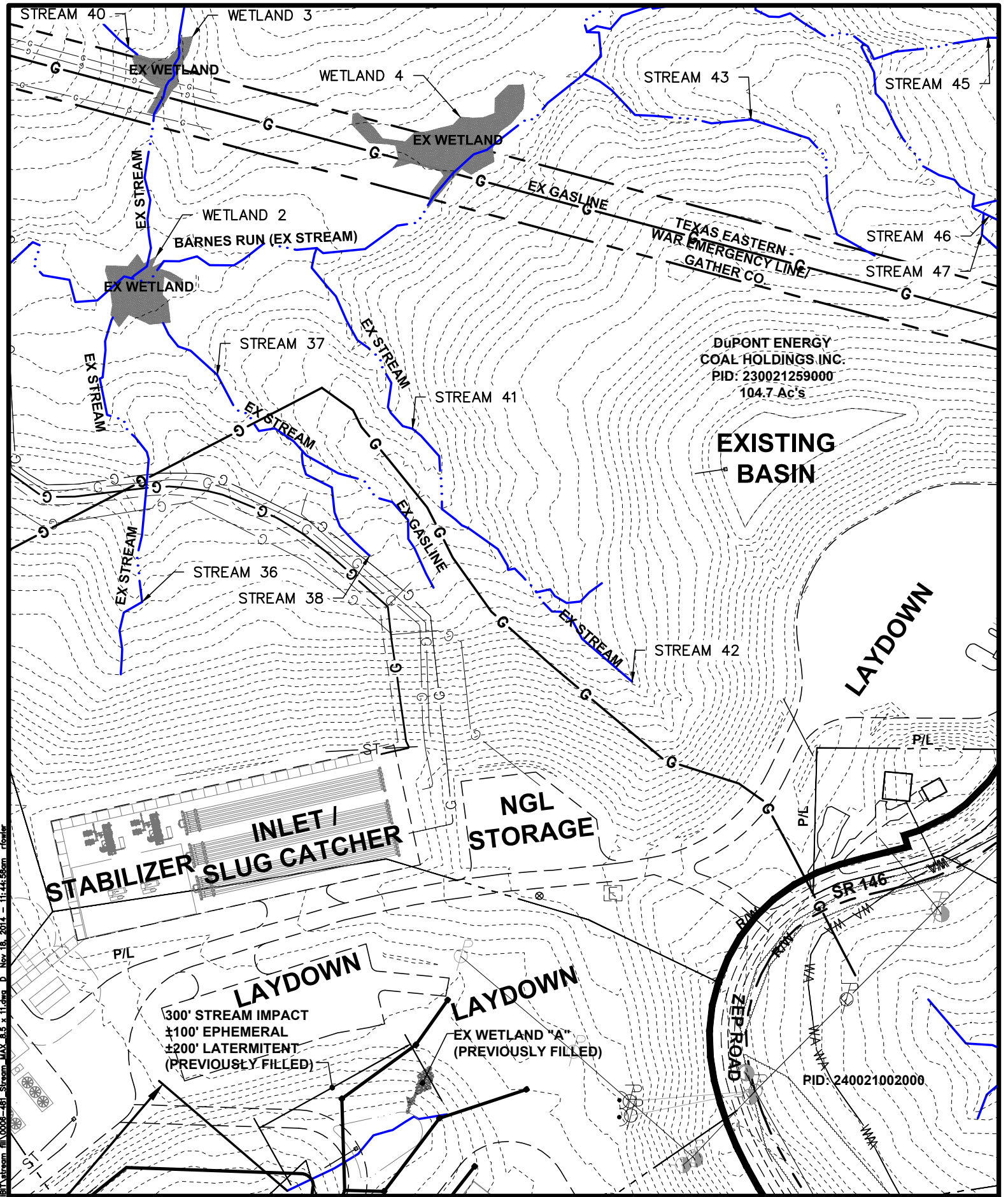
MARION TOWNSHIP / NOBLE COUNTY, OHIO  
**CONSOL SUMMERFIELD (SENECA) PROCESSING STATION**  
 ALTERNATIVES ANALYSIS EXHIBIT (SECTION "C")  
 FOR  
**MARK WEST ENERGY PARTNERS, LLC**  
 PREFERRED DESIGN ALTERNATIVE

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SCALE: 1" = 200'  
DATE: 11/18/2014

SHEET 5 / 9

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
**CONSOL SUMMERFIELD (SENECA) PROCESSING STATION**  
 ALTERNATIVES ANALYSIS EXHIBIT (SECTION "D")  
 FOR  
**MARK WEST ENERGY PARTNERS, LLC**  
 PREFERRED DESIGN ALTERNATIVE

PLAN PREPARED BY:



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fax 614.428.7755



MILLER, CHARLES W  
& LUCILLE M  
PID: 230051130001  
30.18 Ac's

MILLER, CHARLES W  
& LUCILLE M  
PID: 230021218000  
85.41 Ac's

SCALE: 1" = 200'  
DATE: 11/18/2014

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
ALTERNATIVES ANALYSIS EXHIBIT (SECTION "E")  
FOR  
MARK WEST ENERGY PARTNERS, LLC  
PREFERRED DESIGN ALTERNATIVE

PLAN PREPARED BY:



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ENGINEERS SURVEYORS

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SHEET 6 / 9

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STREAM 15

STREAM 16

STREAM 17

DUPONT ENERGY  
COAL HOLDINGS INC.  
PID: 230021284000  
40.0 Ac's

BARNES RUN (EX STREAM)  
P/L

MILLER, CHARLES W  
& LUCILLE M  
PID: 230021218000  
85.41 Ac's

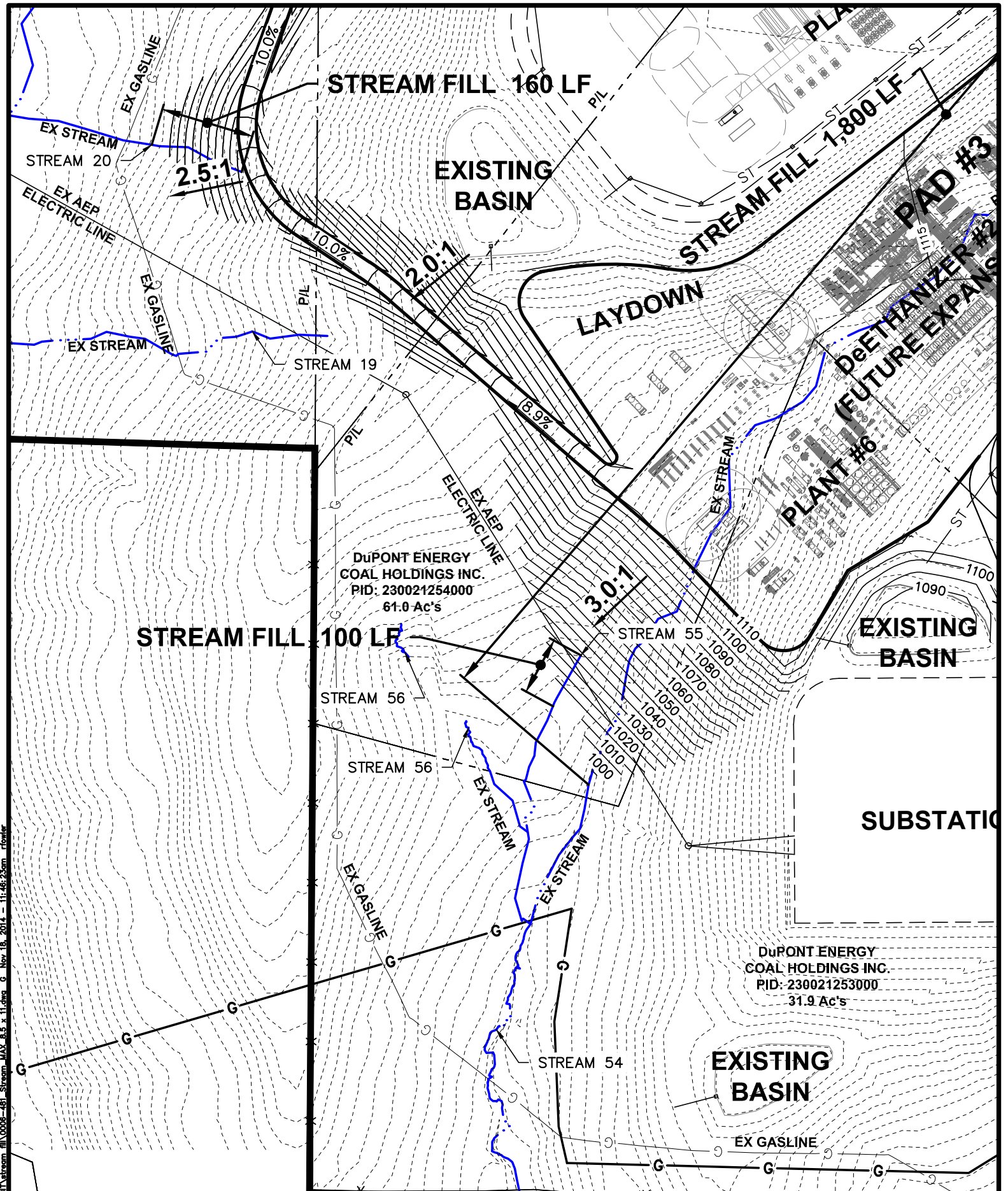
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MARION TOWNSHIP / NOBLE COUNTY, OHIO  
CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
ALTERNATIVES ANALYSIS EXHIBIT (SECTION "F")  
FOR  
MARK WEST ENERGY PARTNERS, LLC  
PREFERRED DESIGN ALTERNATIVE

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ENGINEERS SURVEYORS  
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fax 614.428.7755

SHEET 7 / 9

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DATE: 11/18/2014

SHEET 8 / 9

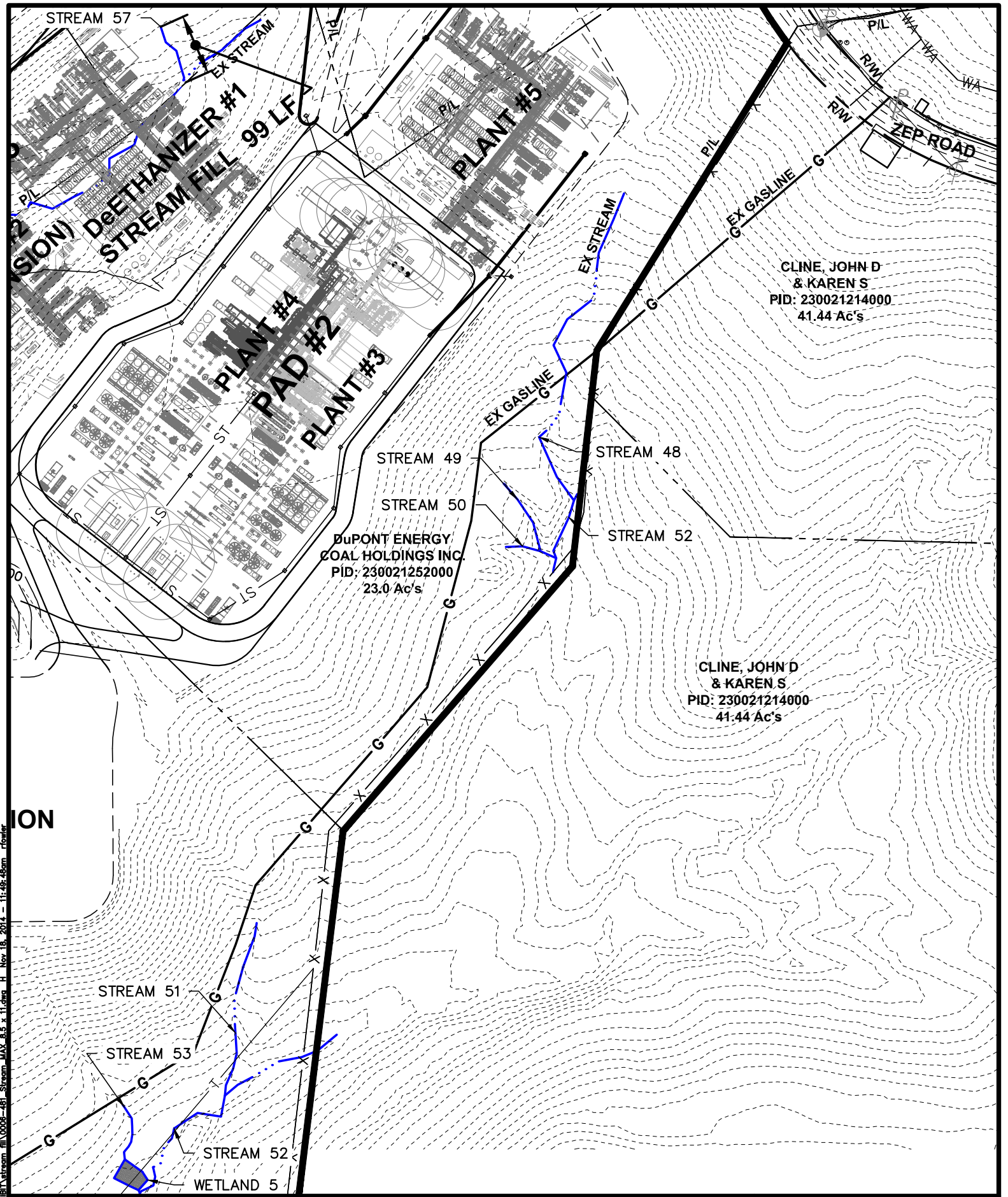
MARION TOWNSHIP / NOBLE COUNTY, OHIO  
**CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
 ALTERNATIVES ANALYSIS EXHIBIT (SECTION "G")**  
 FOR  
**MARK WEST ENERGY PARTNERS, LLC  
 PREFERRED DESIGN ALTERNATIVE**

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ENGINEERS SURVEYORS

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Gahanna, Ohio 43230  
ph 614.428.7750  
fax 614.428.7755



STREAM 57

DeETHANIZER #1  
STREAM FILL 99 LFV

PLANT #4  
PAD #2  
PLANT #3

PLANT #5

ZEP ROAD

CLINE, JOHN D  
& KAREN S  
PID: 230021214000  
41.44 Ac's

DUPONT ENERGY  
COAL HOLDINGS INC.  
PID: 230021252000  
23.0 Ac's

CLINE, JOHN D  
& KAREN S  
PID: 230021214000  
41.44 Ac's

STREAM 49

STREAM 48

STREAM 50

STREAM 52

STREAM 51

STREAM 53

STREAM 52

WETLAND 5

SCALE: 1" = 200'  
DATE: 11/18/2014

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
ALTERNATIVES ANALYSIS EXHIBIT (SECTION "H")

FOR  
MARK WEST ENERGY PARTNERS, LLC  
PREFERRED DESIGN ALTERNATIVE

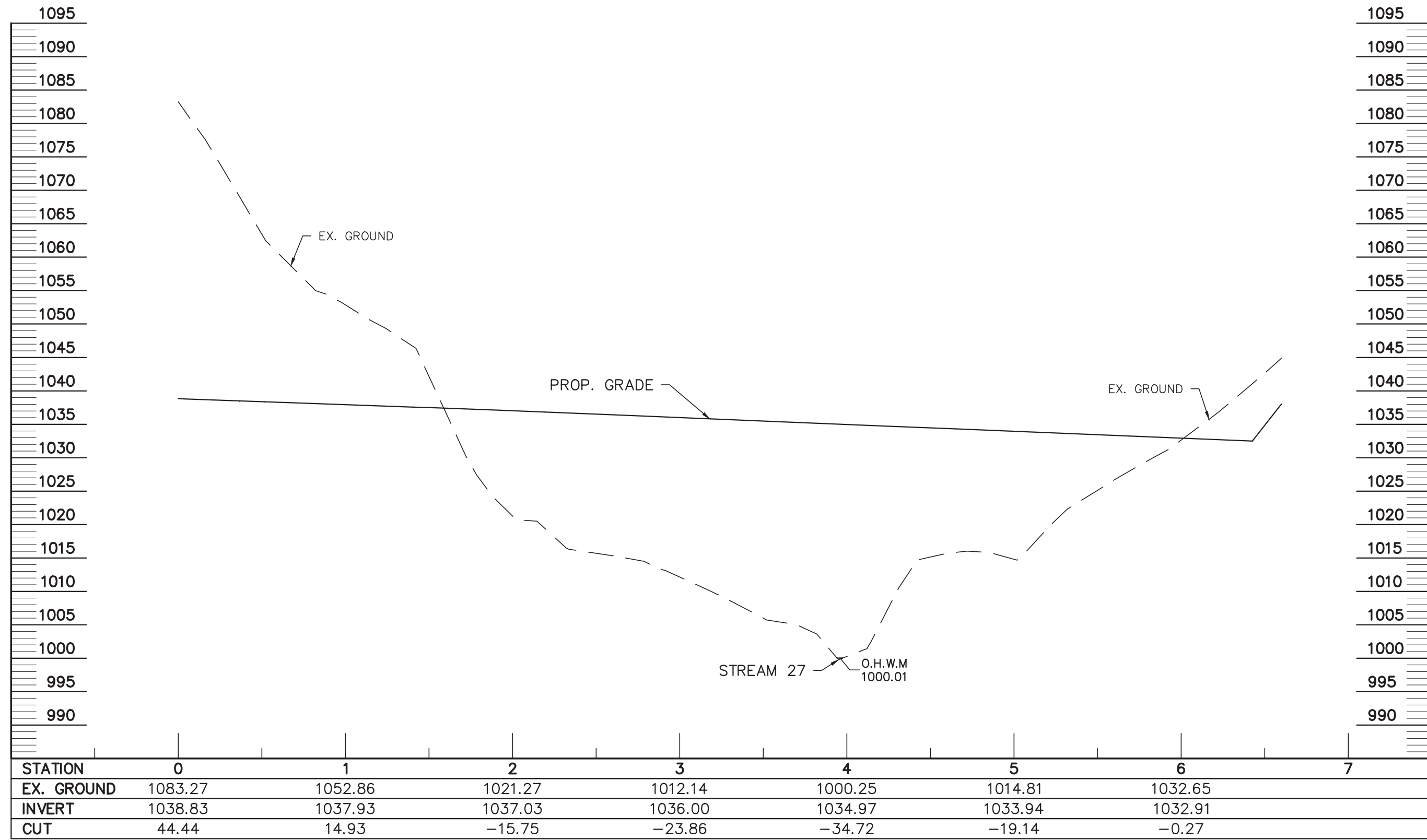


PLAN PREPARED BY:

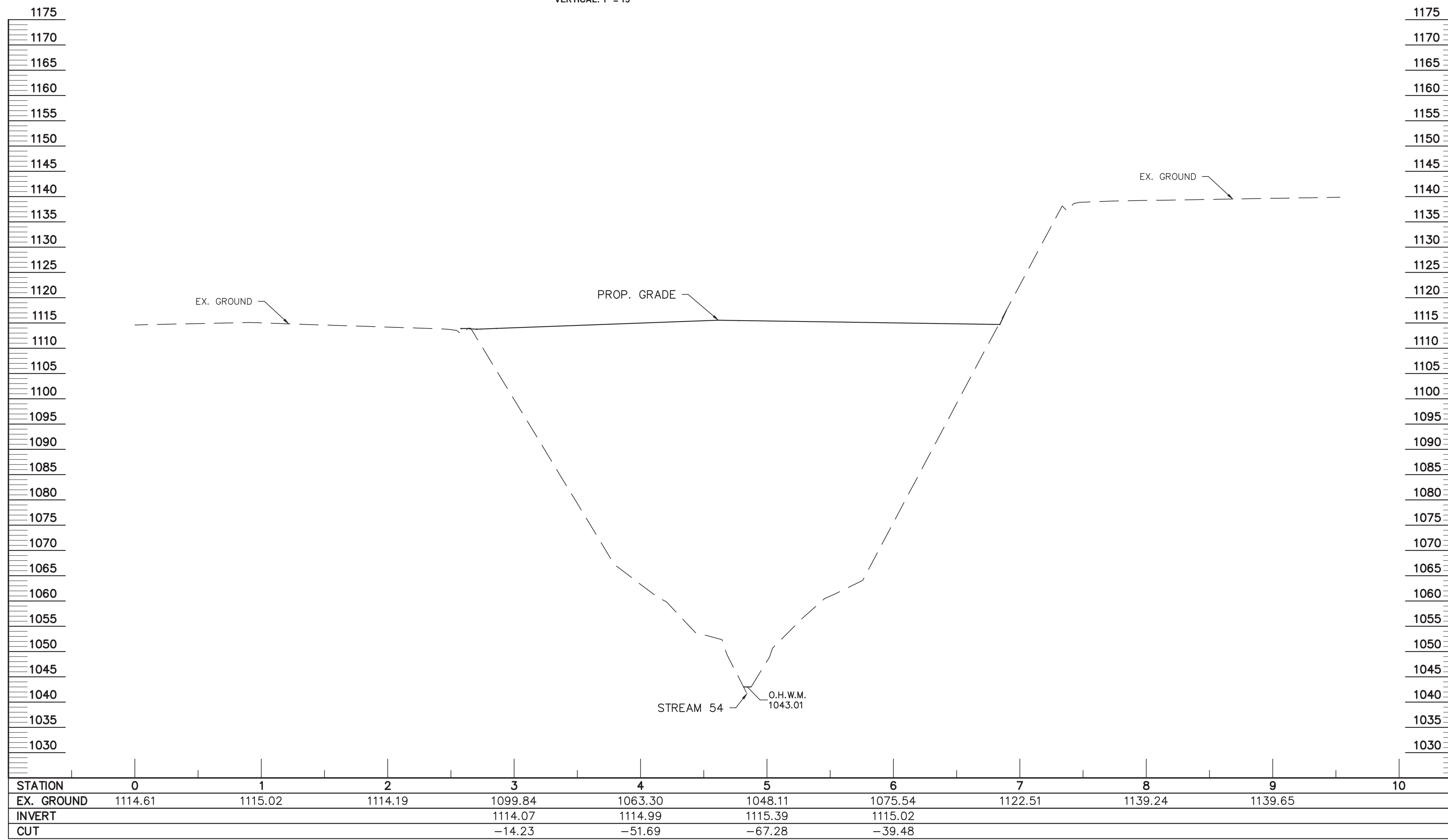
422 Beecher Road  
Cahanna, Ohio 43230  
ph 614.428.7750  
fax 614.428.7755

SHEET 9 / 9

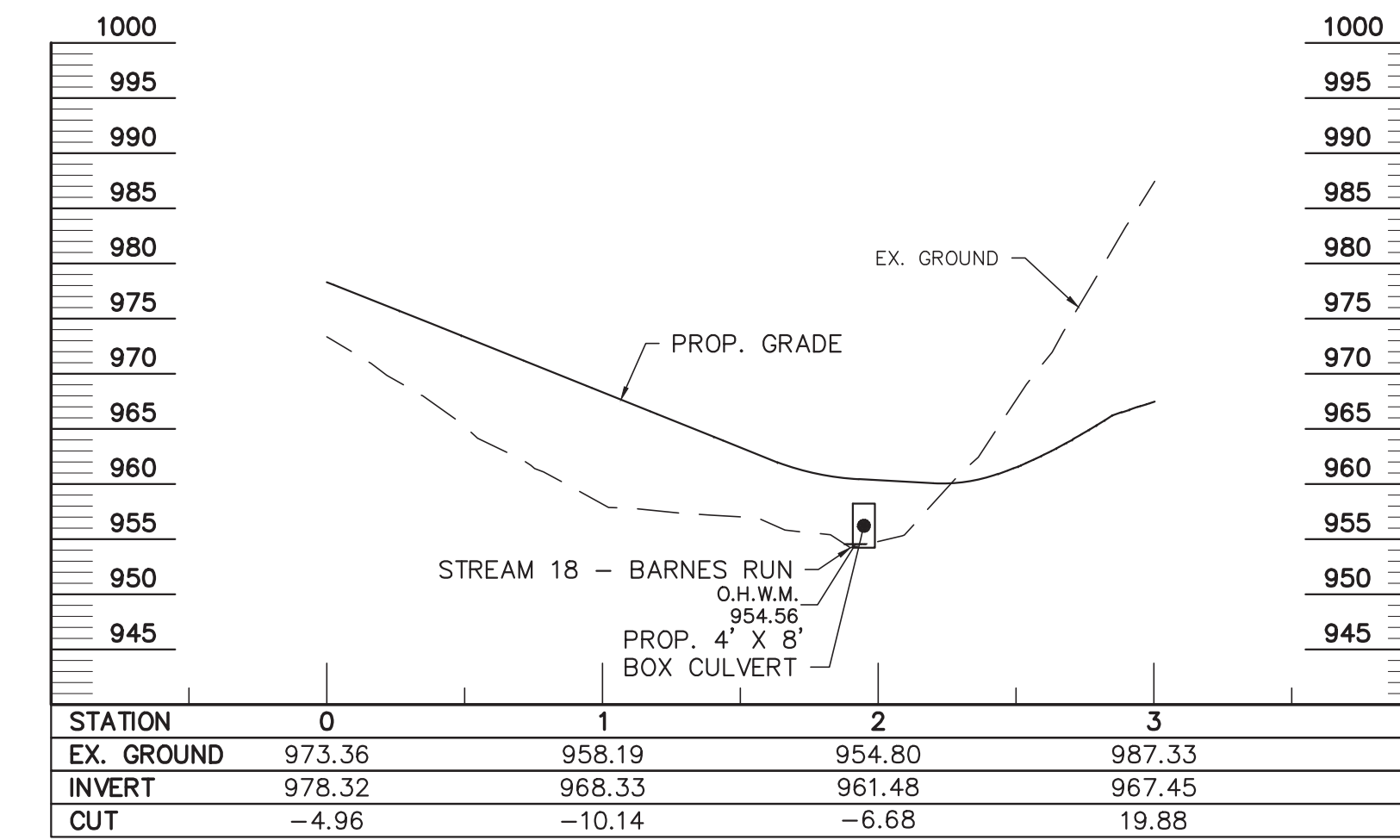
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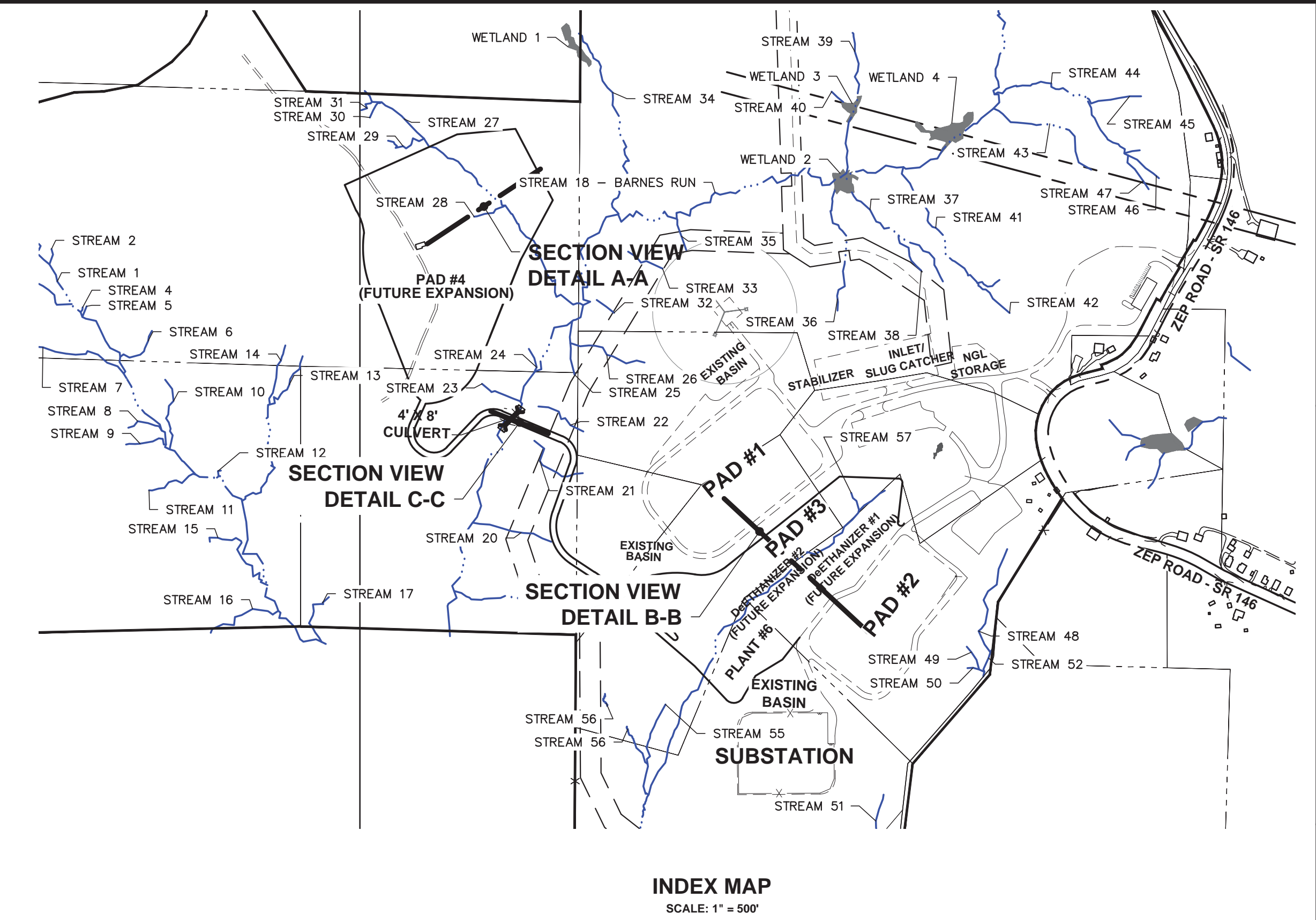
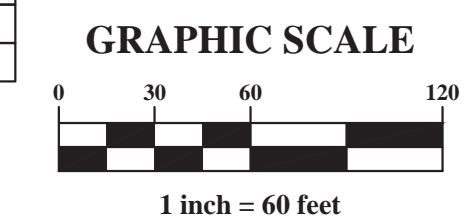
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HORIZONTAL: 1" = 60'  
VERTICAL: 1" = 15'



SECTION VIEW DETAIL B-B  
HORIZONTAL: 1" = 60'  
VERTICAL: 1" = 15'



SECTION VIEW DETAIL C-C  
HORIZONTAL: 1" = 60'  
VERTICAL: 1" = 15'



INDEX MAP  
SCALE: 1" = 500'

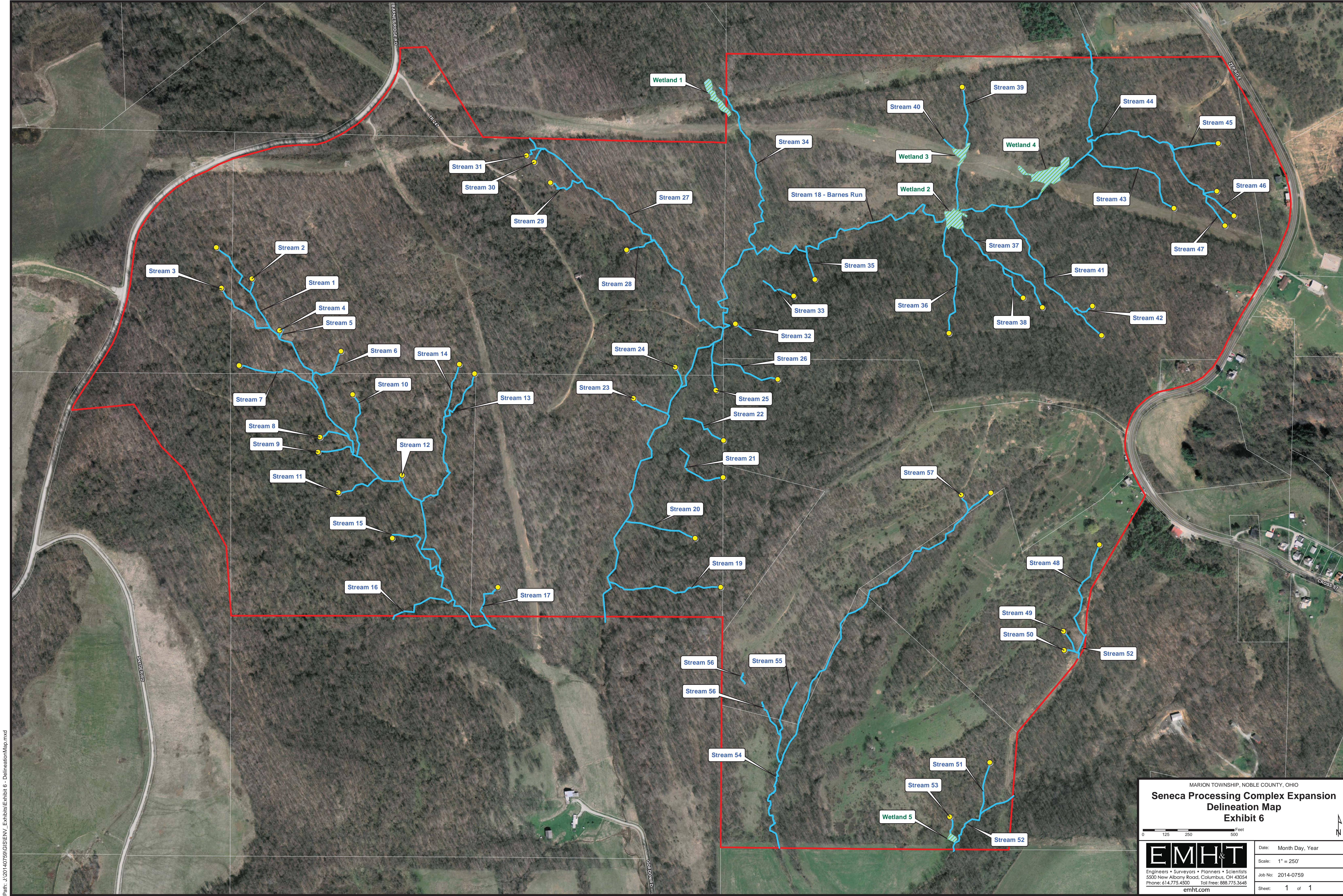
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fax 614.428.7755

PLAN PREPARED FOR:  
**MARKWEST**  
Energy Partners, L.P.

MARION TOWNSHIP / NOBLE COUNTY, OHIO  
CONSOL SUMMERFIELD (SENECA) PROCESSING STATION  
ALTERNATIVES ANALYSIS EXHIBIT  
FOR  
MARK WEST ENERGY PARTNERS, LLC  
PREFERRED DESIGN SECTION

Issue Dates:  
Date: 10-31-2014  
Scale: AS NOTED  
Drawn By: TPC  
Checked By: CLN  
Project Number:  
13-0002-571  
Drawing Number:  
**Exhibit 9**



Path: J:\2014\0759\GIS\ENV\_ Exhibit 6 - DelineationMap.mxd

MARION TOWNSHIP, NOBLE COUNTY, OHIO

### Seneca Processing Complex Expansion Delineation Map Exhibit 6

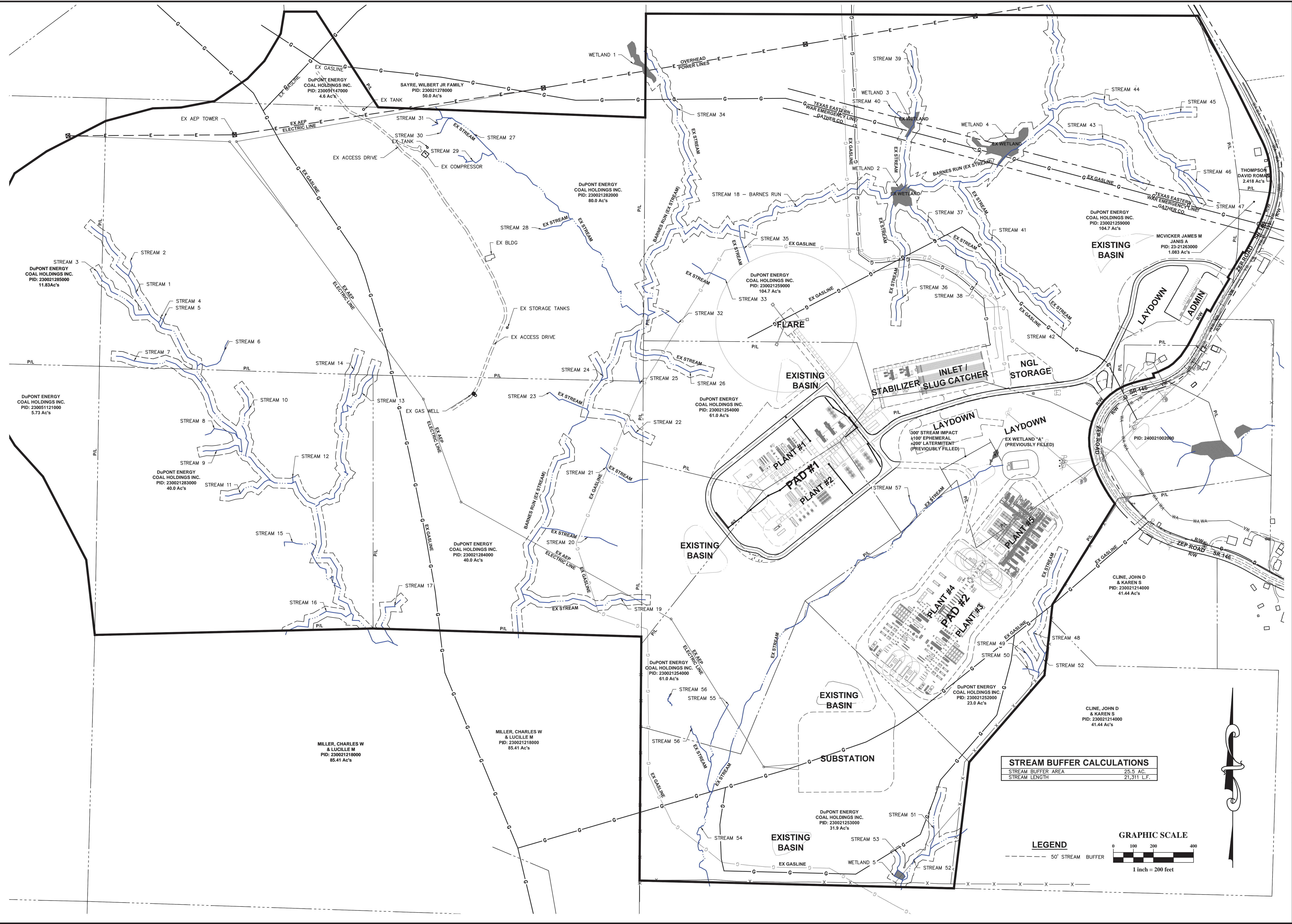
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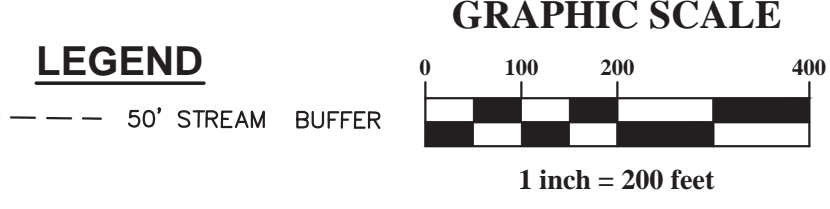
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Sheet: 1 of 1

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**STREAM BUFFER CALCULATIONS**

STREAM BUFFER AREA	25.5 AC.
STREAM LENGTH	21,511 L.F.



PLAN PREPARED BY: **ADVANCED CIVIL DESIGN**  
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 Gahanna, Ohio 43230  
 PH 614.428.7760  
 FAX 614.428.7755

PLAN PREPARED FOR: **MARKWEST Energy Partners, L.P.**  
 ENGINEERS SURVEYORS

CONSOLE SUMMERFIELD (SENECA) PROCESSING STATION  
 MITIGATION PLAN EXHIBIT  
 FOR  
 MARK WEST ENERGY PARTNERS, LLC  
 PROPOSED STREAM PRESERVATION

Issue Dates:  
 Date: 10-07-2014  
 Scale: 1" = 200'  
 Drawn By: TPC  
 Checked By: CLN  
 Project Number: 13-0002-571

**Exhibit 8**