

Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit gives approval for the development/ project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit: #17-466
Sherwood to Rover Pipeline

Date Approved: May 22, 2017

Expires: May 22, 2018

**Issued to: MarkWest Liberty
Midstream & Resources, LLC**

**POC: Richard Lowry
724-416-0520**

Company Address: 320 South View Drive, Suite 200, Bridgeport, WV 26330

Project Address: Swisher Lane

Firm:

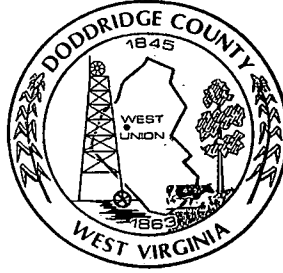
Lat/Long: 39.26700569, -80.68883444

Purpose of development: Sherwood to Rover Pipeline

Issued by: George C. Eidel, CFM, OEM Director/Doddridge County FPM (or designee)

Date: May 22, 2017

For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.2631, or via email at
doddridgecountyfpm@gmail.com
118 East Court Street; West Union, WV 26456



Commercial/Industrial Floodplain Development Permit

Doddridge County, WV Floodplain Management

This permit has been issued to **MarkWest Liberty Midstream & Resources, LLC**, and is for the approved commercial and/or industrial development project associated with this permit that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. This permit must be posted at the site of work as to be clearly visible, and must remain posted during entirety of development.

Permit: #14-130 ~ MarkWest Liberty Midstream & Resources, LLC ~ Sherwood Sales NGL Pipeline Permit Extension

Date Approved: 04/10/2015

Expires: 04/10/2016

Issued to: MarkWest via CEC, Inc.

**POC: Edward J. Fink, Project Manager
412-429-2324**

**Company Address: 333 Baldwin Road
Pittsburgh, PA 15205**

**Project Address: Grant District
Lat/Long: 39.276129N/80.686377W**

Purpose of development: Permit # 14-130 extension. Repair of minor landslides.

Issued by: Edwin L. "Bo" Wriston, Doddridge County FPM (or designee)

Date: 04/10/2015

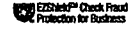
For additional information regarding this permit, please contact
Doddridge County Floodplain Manager at 304.873.2631, or via email at
doddridgecountyfpm@gmail.com
118 East Court Street; West Union, WV 26456

129493

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

333 BALDWIN ROAD
PITTSBURGH, PA 15205
(412) 429-2324

PNC BANK, N.A.
Pittsburgh, PA



8-9/430

CHECK DATE 4/13/2017

COPY

AMOUNT 1,000.00

PAY One Thousand and 00/100 Dollars

TO Doddridge County Commission

AUTHORIZED SIGNATURE

Security features. Details on back.

⑈ 129493 ⑈ ⑆043000096⑆ 0002272405⑈

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.

129493

Check Date: 4/13/2017

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
04132017	4/13/2017	000000290043	1,000.00			1,000.00
Doddridge County Commission			TOTAL	1,000.00		1,000.00
- Operating Account	45	11261				

COPY

COPY

Check Date: 4/13/2017

Invoice Number	Date	Voucher	Amount	Discounts	Previous Pay	Net Amount
04132017	4/13/2017	000000290043	1,000.00			1,000.00
Doddridge County Commission			TOTAL	1,000.00		1,000.00
- Operating Account	45	11261				

17-466

Doddridge County, West Virginia

RECEIPT NO: 8961

DATE: 2017/04/19

FROM: CIVIL & ENVIRONMENTAL

AMOUNT: \$ 1,000.00

ONE THOUSAND DOLLARS AND 00 CENTS

FOR: #17-466

00000129493 FP-BUILDING PERMITS

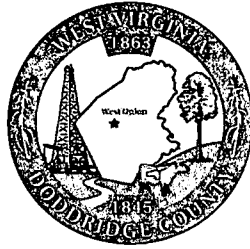
020-318

TOTAL: \$1,000.00

MICHAEL HEADLEY
SHERIFF & TREASURER

MEC
CLERK

Customer Copy



Doddridge County Floodplain Permits

(Week of May 1, 2017)

Please take notice that on the **17th day of April, 2017**, **MarkWest Liberty Midstream & Resources, LLC** filed an application for a Floodplain Permit **#17-466** to develop land located at or about **39.26700569N, -80.68883444W, Swisher Lane**. The Application is on file with the Clerk of the County Court and may be inspected or copied during regular business hours. Any interested persons who desire to comment shall present the same in writing by **May 22, 2017** (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Clerk of the County Court at 108 Court Street Ste. 1, West Union, WV 26456. **This project is Sherwood to Rover Pipeline.**



Civil & Environmental Consultants, Inc.
333 Baldwin Road

Pittsburgh, PA 15205-1751
Phone: (412) 429-2324 · Toll Free: (800) 365-2324
Fax: (412) 429-2114

Letter of Transmittal

Date: 4/13/2017

Job No.: 170-500

Attention: George Eidel

To:

*Doddridge County Commission
108 Court Street
Suite 1
West Union, WV 26456*

RE:

Sherwood to Rover Floodplain Permit Application

We are sending you attached via *FedEx Second Day* the following items:

- Shop drawings
 Prints
 Plans
 Samples
 Specifications
 Copy of letter
 Change order
 Permit Application

Copies	Date	No.	Description
1	4/13/2017		Doddridge County Floodplain Permit
1	4/13/2017	129493	Permit Fee Check for \$1,000

- For approval
 Approved as submitted
 Resubmit _ copies for approval
 For your use
 Approved as noted
 Submit _ copies for distribution
 As requested
 Returned for corrections
 Return _ prints
 For review and comment
 _
 For bids due
 Prints returned after loan to us

Remarks: *On behalf of MarkWest Liberty Midstream & Resources, LLC, Civil & Environmental Consultants, Inc. (CEC) is submitting a Commercial/Industrial Floodplain Development Permit application associated with the Sherwood to Rover NGL Pipeline, located in Doddridge County, West Virginia. Should you have any questions or require additional information, do not hesitate to contact us at 412-429-2324.*

Copy to: Richard Lowry, MarkWest Liberty Midstream & Resources, LLC

Signed: _____

George J. Haberman
George J. Haberman P.E., P.L.S.



Permit# 17-466
renewal of 14-130
Project Name: Sherwood to Rover
Permittees Name: Mark West Liberty
Midstream + Resources, LLC /
CEC

Doddridge County, WV

Floodplain Development

Permit Application

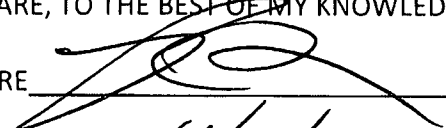
This document is to be used for projects that impact/potentially impact the FEMA---designated floodplain and/or floodway of Doddridge County, WV pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance.

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

1. No work may start until a permit is issued.
2. The permit may be revoked if any false statements are made herein.
3. If revoked, all work must cease until permit is re-issued.
4. Development shall not be used or occupied until a Certificate of Compliance is issued.
5. The permit will expire if no work is commenced within six months of issuance.
6. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
7. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
8. I THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE _____

DATE _____


4/13/17

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Applicant Information:

Please provide all pertinent data.

Applicant Information		
Responsible Company Name: MarkWest Liberty Midstream & Resources, LLC		
Corporate Mailing Address: 4600 J. Barry Ct., Suite 500		
City: Canonsburg	State: PA	Zip: 15317
Corporate Point of Contact (POC): Richard Lowry		
Corporate POC Title: Environmental Manager – New Construction		
Corporate POC Primary Phone: (724) 416-0520		
Corporate POC Primary Email: Richard.lowry@markwest.com		
Corporate FEIN: 30-0528059	Corporate DUNS:	
Corporate Website:		
Local Mailing Address: 320 South View Drive, Suite 200		
City: Bridgeport	State: WV	Zip: 26330
Local Project Manager (PM): Dustin Vincent		
Local PM Primary Phone: (304) 842-2034		
Local PM Secondary Phone: (304) 638-8134		
Local PM Primary Email: Dustin.vincent@markwest.com		
Person Filing Application: Richard Lowry		
Applicant Title: Environmental Manager – New Construction		
Applicant Primary Phone: (724) 416-0520		
Applicant Secondary Phone: (412) 925-8165		
Applicant Primary Email: Richard.lowry@markwest.com		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

<u>ACTIVITY</u>	<u>STRUCTURAL TYPE</u>
<input type="checkbox"/> New Structure	<input type="checkbox"/> Residential (1 – 4 Family)
<input type="checkbox"/> Addition	<input type="checkbox"/> Residential (more than 4 Family)
<input type="checkbox"/> Alteration	<input type="checkbox"/> Non-residential (floodproofing)
<input type="checkbox"/> Relocation	<input type="checkbox"/> Combined Use (res. & com.)
<input type="checkbox"/> Demolition	<input type="checkbox"/> Replacement
<input type="checkbox"/> Manufactured/Mobil Home	

B. OTHER DEVELOPMENT ACTIVITIES:

- Fill Mining Drilling Pipelining
- Grading
- Excavation (except for STRUCTURAL DEVELOPMENT checked above)
- Watercourse Alteration (including dredging and channel modification)
- Drainage Improvements (including culvert work)
- Road, Street, or Bridge Construction
- Subdivision (including new expansion)
- Individual Water or Sewer System
- Other (please specify)

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 1 of 4

Site/Property Information:		
Legal Description: See Attached		
Physical Address/911 Address: EIBS Camp Road		
Decimal Latitude/Longitude: N 39.26509275°, E -80.68923708°		
DMS Latitude/Longitude: 39° 15' 54.33" N, -80° 41' 21.25" E		
District: New Milton	Map: 2	Parcel: 11.1
Land Book Description:		
Deed Book Reference: DBV 348, PG. 673		
Tax Map Reference: Tax Map 2		
Existing Buildings/Use of Property: Existing Woodlands, Meadows and Right-of-Way		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the development in the floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 2 of 4

Site/Property Information:		
Legal Description: See Attached		
Physical Address/911 Address: EIBS Camp Road		
Decimal Latitude/Longitude: N 39.26528161°, E -80.68686053°		
DMS Latitude/Longitude: 39° 15' 55.01" N, -80° 41' 12.70" E		
District: New Milton	Map: 2	Parcel: 13
Land Book Description:		
Deed Book Reference: DBV 304, PG. 355		
Tax Map Reference: Tax Map 2		
Existing Buildings/Use of Property: Existing Woodlands, Meadows and Right-of-Way		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 3 of 4

Site/Property Information:		
Legal Description: See Attached		
Physical Address/911 Address: Swisher Lane		
Decimal Latitude/Longitude: N 39.26700569°, E -80.68883444°		
DMS Latitude/Longitude: 39° 16' 01.22" N, -80° 41' 19.80" E		
District: Grant	Map: 19	Parcel: 32
Land Book Description:		
Deed Book Reference: DBV 304, PG. 355		
Tax Map Reference: Tax Map 19		
Existing Buildings/Use of Property: Existing Woodlands, Meadows and Right-of-Way		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway?		Is the development in the floodplain?	
<input type="checkbox"/> Yes <input type="checkbox"/> No		<input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Property Designation: 4 of 4

Site/Property Information:		
Legal Description: See Attached		
Physical Address/911 Address: County Route 15/8		
Decimal Latitude/Longitude: N 39.26549653°, E -80.68295269°		
DMS Latitude/Longitude: 39° 15' 55.79" N, -80° 40' 58.68" E		
District: Grant	Map: 19 and 20	Parcel: 39
Land Book Description: This deed acquired parcels 3-19-39, 3-19-37.3, and 3-20-36.2		
Deed Book Reference: DBV 360, PG. 686		
Tax Map Reference: Tax Map 19, and Tax Map 20		
Existing Buildings/Use of Property: Existing Woodlands, Meadows and Right-of-Way		

Floodplain Location Data: (to be completed by Floodplain Manager or designee)			
Community:	Number:	Panel:	Suffix:
Location (Lat/Long):		Approximate Elevation:	
		Estimated BFE:	
Is the development in the floodway? <input type="checkbox"/> Yes <input type="checkbox"/> No		Is the development in the floodplain? <input type="checkbox"/> Yes <input type="checkbox"/> No Zone: _____	
Notes:			

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1 of 4

Property Owner Data:		
Name of Primary Owner (PO): Rover Pipeline LLC		
PO Address: 1300 Main Street		
City: Houston	State: TX	Zip: 77002
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Surface Rights Owner Data:		
Name of Primary Owner (PO): Rover Pipeline LLC		
PO Address: 1300 Main Street		
City: Houston	State: TX	Zip: 77002
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 2 of 4

Property Owner Data:		
Name of Primary Owner (PO): D&M Powell LLC		
PO Address: 304 Stuart Street		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Surface Rights Owner Data:		
Name of Primary Owner (PO): D&M Powell LLC		
PO Address: 304 Stuart Street		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 3 of 4

Property Owner Data:		
Name of Primary Owner (PO): MarkWest Liberty Midstream & Resources LLC		
PO Address: 304 Stuart Street		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Surface Rights Owner Data:		
Name of Primary Owner (PO): MarkWest Liberty Midstream & Resources LLC		
PO Address: 304 Stuart Street		
City: West Union	State: WV	Zip: 26456
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Doddridge County Commercial/Industrial
Floodplain Development Permit Application

Property Designation: 4 of 4

Property Owner Data:		
Name of Primary Owner (PO): Mule Tracts LLC		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Surface Rights Owner Data:		
Name of Primary Owner (PO): Mule Tracts LLC		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Mineral Rights Owner Data: (As Applicable)		
Name of Primary Owner (PO): N/A		
PO Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

**Doddridge County Commercial/Industrial
Floodplain Development Permit Application**

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: 1 of 1

Contractor/Sub-Contractor (C/SC) Information:		
C/SC Company Name: TO BE DETERMINED		
C/SC WV License Number:		
C/SC FEIN:	C/SC DUNS:	
Local C/SC Point of Contact (POC):		
Local C/SC POC Title:		
C/SC Mailing Address:		
City:	State:	Zip-Code:
Local C/SC Office Phone:		
Local C/SC POC Phone:		
Local C/SC POC E-Mail:		

Engineer Firm Information:		
Engineer Firm Name: Civil & Environmental Consultants, Inc.		
Engineer WV License Number: 17441		
Engineer Firm FEIN: 25-1599565	Engineer Firm DUNS: 36-160-9878	
Engineer Firm Primary Point of Contact (POC): George J. Haberman, P.E.		
Engineer Firm Primary POC Title: Senior Project Manager		
Engineer Firm Mailing Address: 333 Baldwin Road		
City: Pittsburgh	State: PA	Zip-Code: 15205
Engineer Firm Office Phone: (412) 429-2324		
Engineer Firm Primary POC Phone: (412) 249-3189		
Engineer Firm Primary POC E-Mail: ghaberman@cecinc.com		

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): N/A		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Upstream		
Name of Primary Owner (PO): N/A		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): N/A		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Adjacent Property Owner Data: Downstream		
Name of Primary Owner (PO): N/A		
Physical Address:		
City:	State:	Zip:
PO Primary Phone:		
PO Secondary Phone:		
PO Primary Email:		

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. **A certified and licensed engineering firm should complete site plans.**

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

1. Legal description of the parcel, north arrow and scale
2. All property lines and their dimensions
3. Names of adjacent roads, location of driveways
4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
6. Location and dimensions of existing or proposed on-site sewage systems.
7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
9. Location and dimensions of any roadway development into floodplain/floodway. *(Includes initial development access roads)*
10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
12. Location of any existing utilities and/or proposed utility placement and/or displacement.
13. Location, dimensions and depth of any existing or proposed fill on site.
14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE:** All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

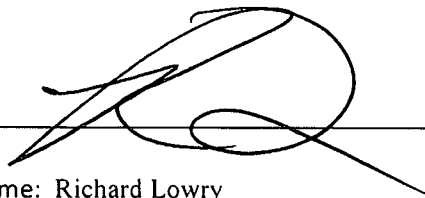
Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have been properly attained, are current and valid, and must be presented with this application before a Doddridge County Floodplain Permit may be issued.
- I understand that if in the course of the development project additional permits become required that were not needed during the initial proposal, the primary developer must notify the Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work" order may be issued for all project work directly impacting the floodplain or floodway, until such time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into official public record at the next regularly scheduled Doddridge County Commission meeting after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the Doddridge County Floodplain Manager has ninety (90) days to make a determination to either grant or deny said permit application. During this approval period, the Doddridge County Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of provided documentation by means of an independent engineering firm. All costs associated with said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager or designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record at the next scheduled Doddridge County Commission meeting after the date of issuance. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- **I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed. A Certificate of Compliance is required upon substantial completion of the project.**
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above---described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site---plan submitted and approved by this permit that a "Stop Work" order may be issued by the Doddridge County Floodplain Manager and that I must stop all construction immediately until discrepancies of actual work vs. proposed work is resolved.

Applicant Signature: _____

Date: _____



4/13/17

Applicant Printed Name: Richard Lowry

WV Flood Map



or DFIRM. Its purpose is to assist with determining potential flood risk for the selected location.

- Cross Section (XS) Lines
- Base Flood Elevation (BFE) Lines
- Floodway
- Flood Hazard Zone**
- Approximate Study (Zone A)
- Detailed Study (AE, AH, AO)
- High : 134.442
- Low : -7.71759

Location of flood information
User Notes:

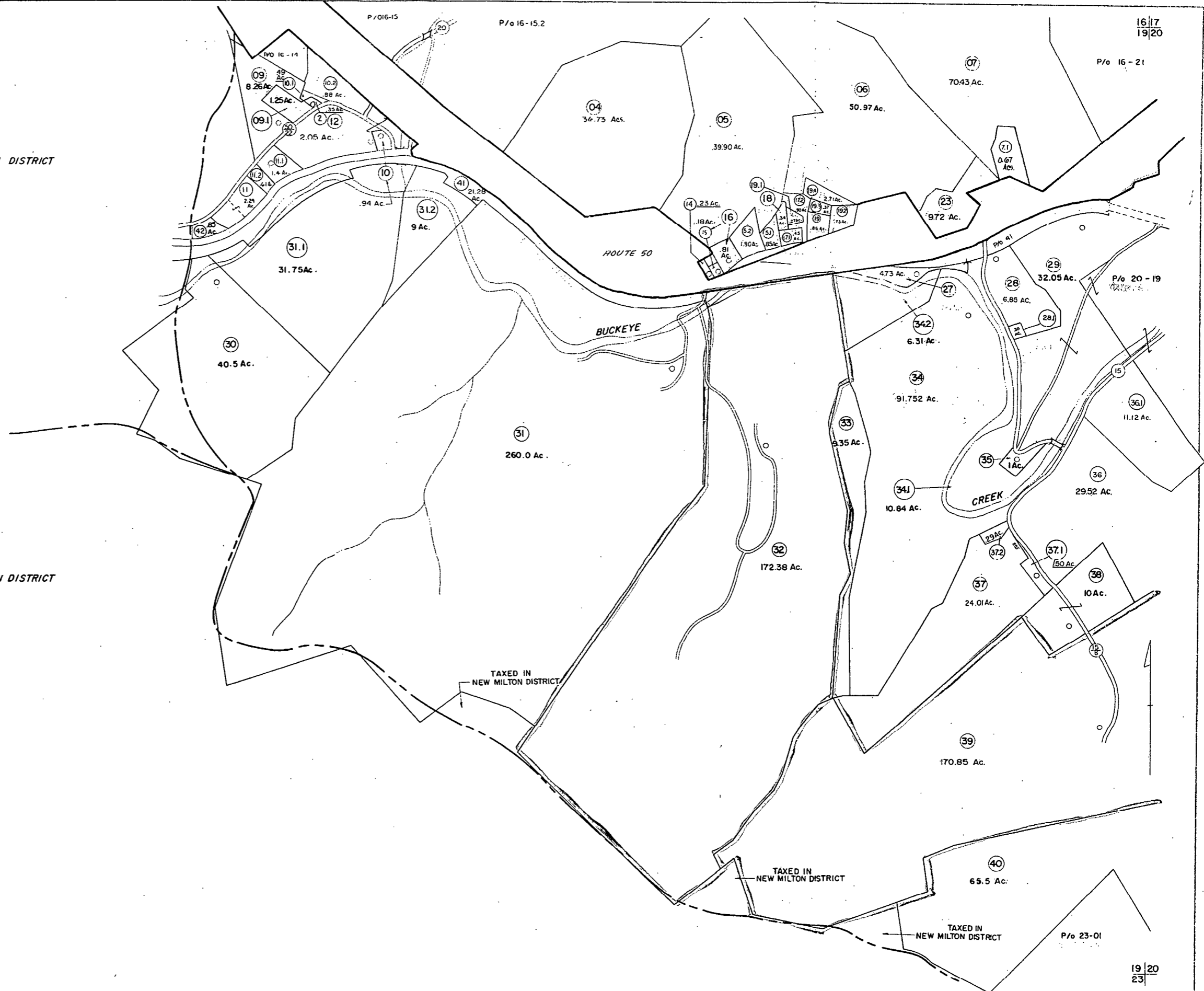
Map created on April 18, 2017

Flood Hazard Area: Flood Hazard Area: Location is WITHIN the FEMA 100-year floodplain.	
Flood Hazard Zone:	AE
Stream:	Buckeye Creek
FEMA Issued Flood Map:	54017C0140C
Watershed (HUC8):	Little Musringum-Middle Island (5030
Advisory Flood Height:	N/A
Water Depth:	About 3.0 ft (Source: HAZUS)
Elevation:	About 809 ft
Location (long, lat):	(80.693594 W, 39.279858 N)
Location (UTM 17N):	(526428, 4347877)
Contacts:	Doddridge
CRS Information:	N/A
Flood Profile:	54017_003
HEC-RAS Model:	N/A
Parcel Number:	No Parcel

Disclaimer:
The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. To obtain more detailed information in areas where Base Flood Elevations have been determined, users are encouraged to consult the latest Flood Profile data contained in the official flood insurance study. These studies are available online at www.msc.fema.gov.
WV Flood Tool (<http://www.MapWV.gov/flood>) is supported by FEMA, WV NFIP Office, and WV GIS Technical Center.

WEST UNION DISTRICT

NEW MILTON DISTRICT



FOR TAX PURPOSES ONLY

Prepared by
L. ROBERT KIMBALL
Consulting Engineer

Legend	
Property line	Original lot line
Edge of pavement or roadway	Dead lot number in parenthesis
Corporation line	Parcel or index number in circle
District line	Improvement
County line	Railroad

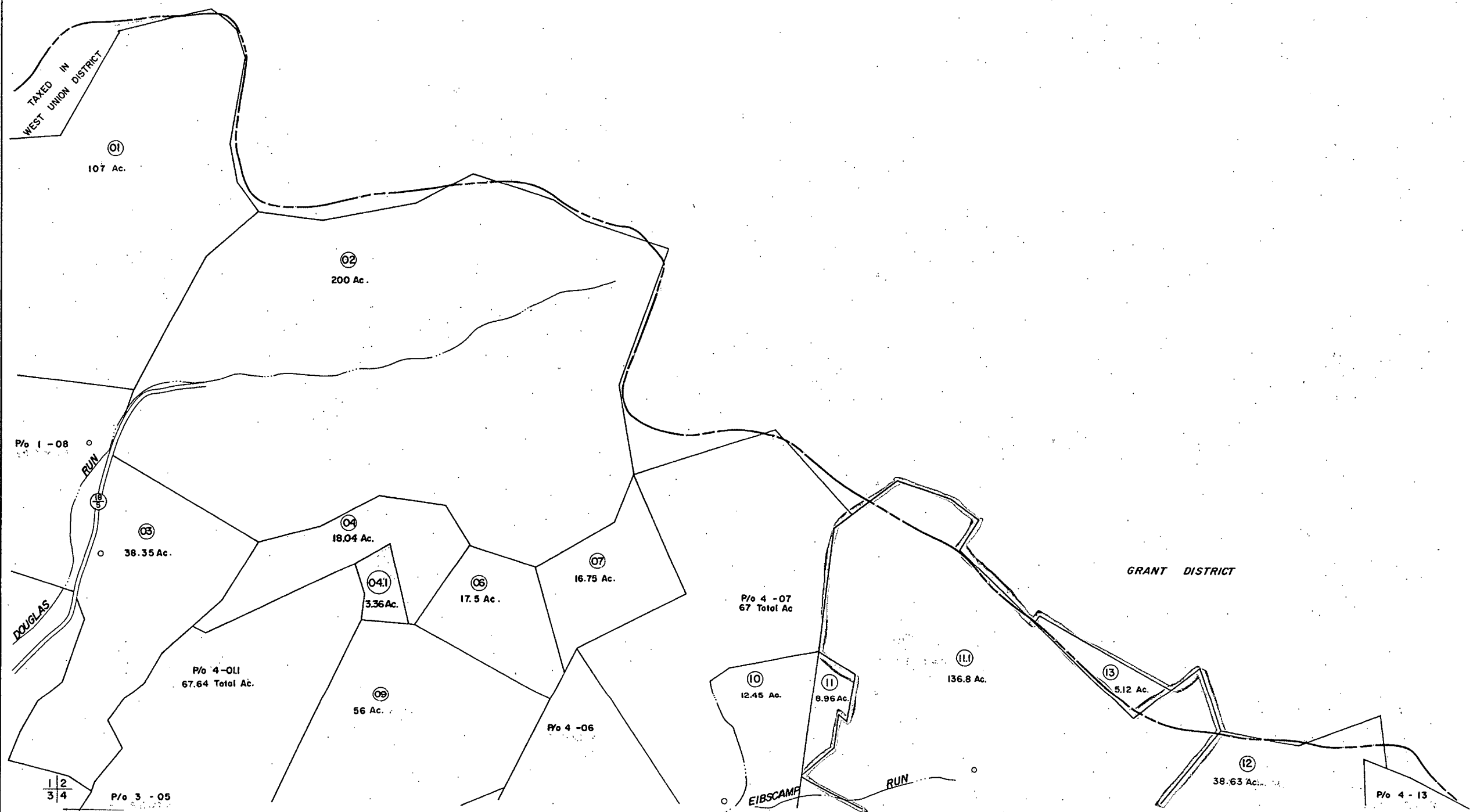
Revisions			
1	REVISED 3/23/64		
2	1-25-72 T.M.	Revised to 7-1-88	
3	8-25-76	Revised to 7-1-88	
4	REVISED 7-81	T.L.	OGIS 1-17-91 JB
5	70 JULY 1982 C.P.	T.Groves	OGIS 10-24-91 NK
			OGIS 12-8-92 JER
			SLS INC. 3/08/00 JAW
			ESI 3/29/01 REK
			2/29/04 SBH
			3/17/06 SBH

STATE OF WEST VIRGINIA
DODDRIDGE COUNTY

Office of Assessor

GRANT DISTRICT
SHEET 19

WEST UNION DISTRICT



FOR TAX PURPOSES ONLY

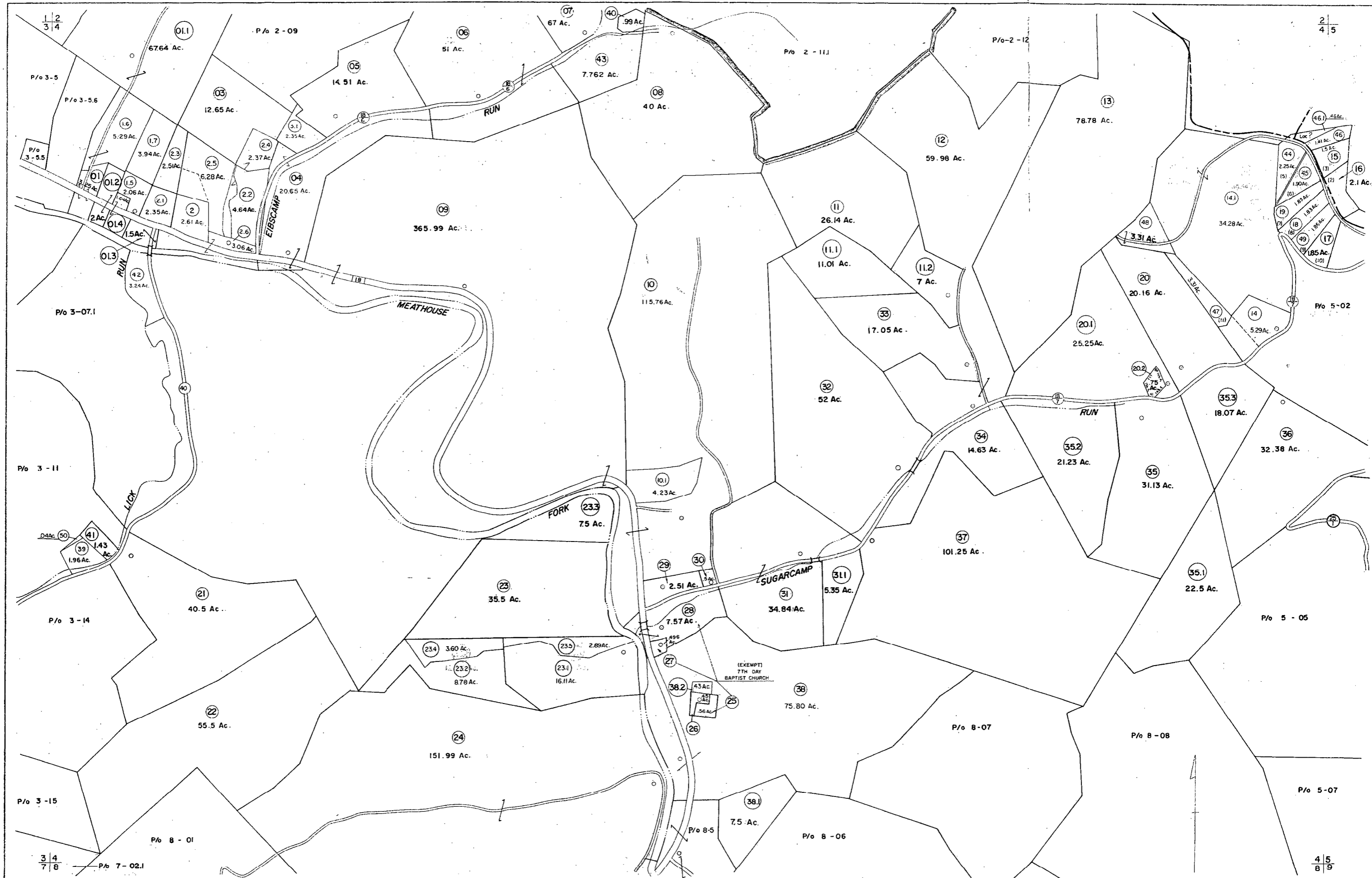
Prepared by
L. ROBERT KIMBALL

Legend	
Property line	Original lot line
Edge of pavement or roadway	Dead lot number in parenthesis
Corporation line	Parcel or index number in tick
District line	Improvement
County line	Railroad

Revisions	
1	REVISED 3/20/64
2	REVISED 1/20/72
3	REV. 7-81 DR. 8-82 T. Groves
4	REV. TO 7-1-85 NCS
5	Revised 6-7-87 RCB

STATE OF WEST VIRGINIA
DODDRIDGE COUNTY

NEW MILTON DISTRICT
SHEET 02



FOR TAX PURPOSES ONLY

Prepared by
L. ROBERT KIMBALL
Consulting Engineer

Legend

Property line	Original lot line
Edge of pavement or roadway	Dist. lot number in parenthesis
Corporation line	Parcel or index number in box
Distilled line	Improvement
County line	Railroad

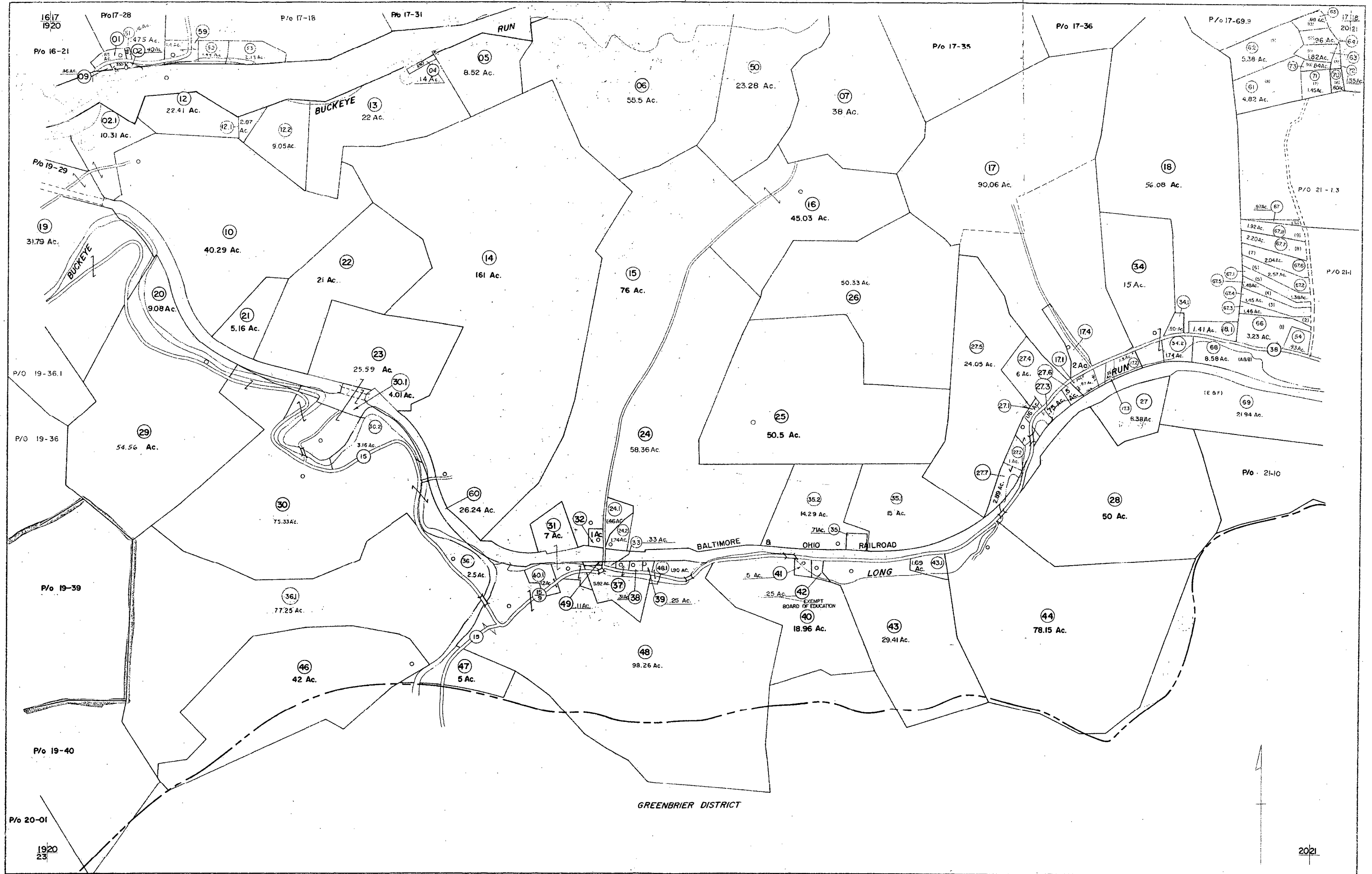
Revisions

1	REVISED 3/10/84	4	July 1987	TRL	17	5-3-05
2	3-31-90	5	Revised to 7-1-88	R.S.B	18	3/17/06
3	REV. 7-81 DR. 8-82	6	T.Groves	JB	19	
4	T.O. JULY 1982 C.P.	7	OGIS J2-31-90		20	
5	REVISED TO 7-1-83	8	SLS INC. 2/15/99	DSW	21	
		9	SLS INC. 3/03/00	JAW	22	

STATE OF WEST VIRGINIA
DODDRIDGE COUNTY

Office of Assessor

NEW MILTON DISTRICT
SHEET 04



FOR TAX PURPOSES ONLY

Prepared by
L. ROBERT KIMBALL
Consulting Engineer

Legend	
Property line	Original lot line
Edge of pavement or roadway	Dead lot number in parenthesis (15)
Corporation line	Parcel or index number in circle (20)
District line	Improvement
County line	Railroad

Revisions	
1 REVISED 3/23/04	28
2 REVISED 11/20/02	JHP
3 11/20/02	AC
4 2-29-02	KIS
5 Proposed to P.O.	
6 11/18/04	TR
7 Proposed to 7-1-07	
8 Proposed to 7-1-08	
9 Proposed to 7-1-09	
10 0615 11-93	RD
11 0615 2-95	HD
12 0615 1-23-96	J.E.B
13 0615 12-96	HD
14 SLS INC. 12/29/97	DSW

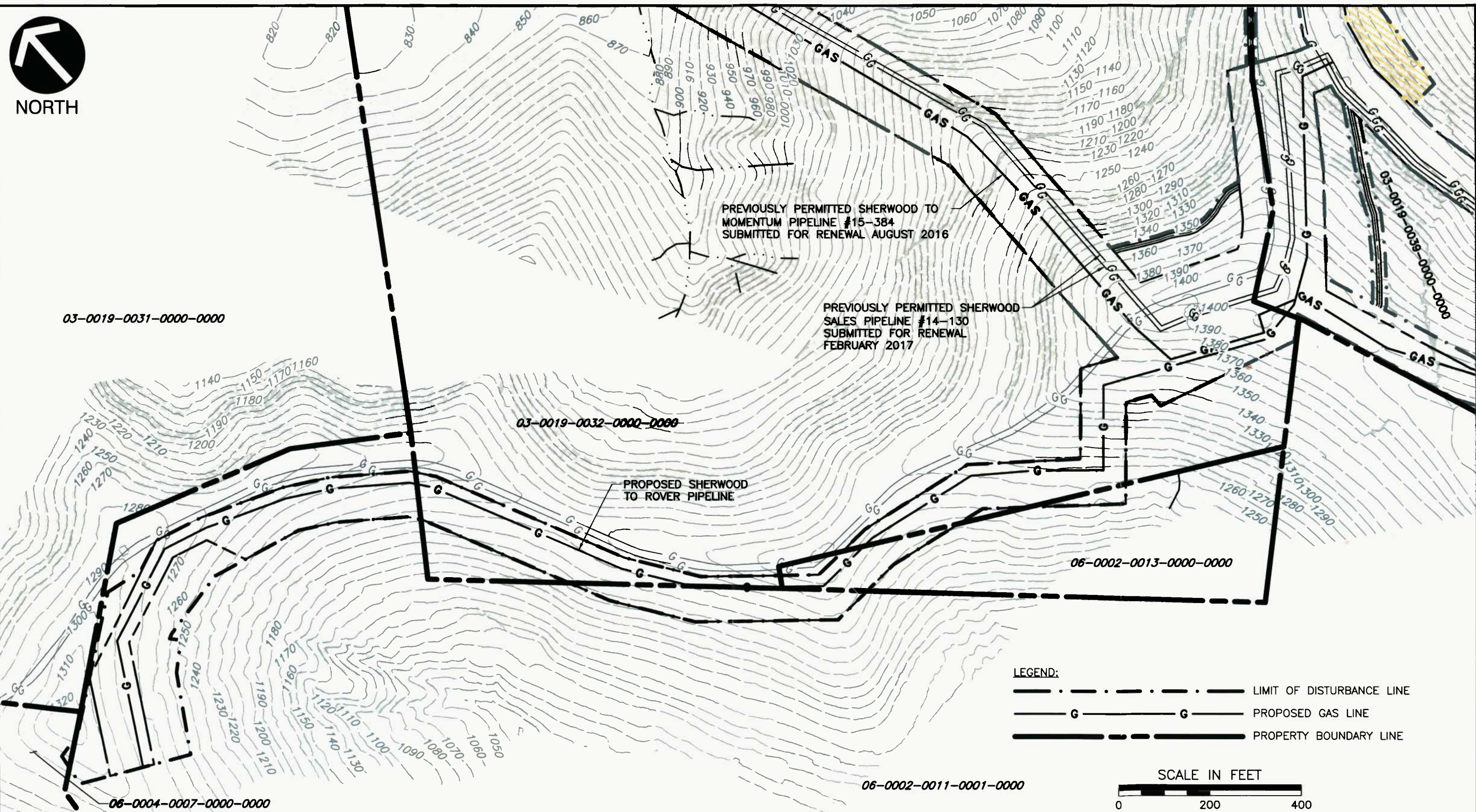
STATE OF WEST VIRGINIA
DODDRIDGE COUNTY

ES: 3/7/02 REK
5/5/03 HAS
2/29/04 SBH
5-3-05 HHS
3/1/06 GSH

GRANT DISTRICT
SHEET 20

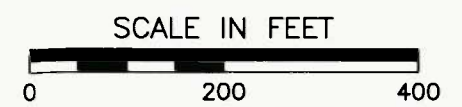


P:\2013\132-8281-CADD\Draw\ Rover-Floodplain-Site-Plan.dwg[LAYOUT1] LS:(4/14/2017 - biomiczek) - LP: 4/14/2017 2:06 PM



LEGEND:

- LIMIT OF DISTURBANCE LINE
- PROPOSED GAS LINE
- PROPERTY BOUNDARY LINE



- REFERENCE**
1. EXISTING CONTOURS ARE DERIVED FROM 3 METER SAMB ELEVATION DATA CREATED IN 2011, RETRIEVED FROM THE WEST VIRGINIA GIS TECNICAL CENTER RESOURCE.
 2. PROPERTY BOUNDARY LOCATIONS ARE BASED ON DIGITAL TAX PARCEL INFORMATION AND ARE APPROXIMATE.
 3. GAS ALIGNMENTS PER MARKWEST LIBERTY MIDSTREAM & RESOURCES, LLC.
 4. STREAM INFORMATION FROM THE NATIONAL HYDROGRAPHY DATA SET. WETLAND BOUNDARIES DELINEATED BY CEC AND/OR DIGITAL DATA SUPPLIED BY MARKWEST.

Civil & Environmental Consultants, Inc.
 333 Baldwin Road · Pittsburgh, PA 15205
 412-429-2324 · 800-365-2324
 www.cecinc.com

DRAWN BY:	BRT	CHECKED BY:	ARG
DATE:	04/12/2017	DWG SCALE:	1"=200'

MARKWEST LIBERTY MIDSTREAM & RESOURCES, LLC
SHERWOOD TO ROVER PIPELINE
DODDRIDGE COUNTY, WEST VIRGINIA

SITE PLAN

APPROVED BY:	RPC	FIGURE NO.:	1
PROJECT NO:	170-500		