



Kentucky River

AREA
DEVELOPMENT
DISTRICT

941 N. MAIN ST. • HAZARD, KENTUCKY 41701 • PHONE 606-436-3158

CHAIRMAN
Pam Pilgrim
VICE-CHAIRMAN
Tracy Neice
Mayor
TREASURER
Terry Adams
Judge/Executive
SECRETARY
Gregory Whitson
PARLIAMENTARIAN
Laura Thomas Mayor

BOARD OF DIRECTORS

County Judge Executives

Jeff Noble - Breathitt Co.
Jeff Dobson - Knott Co.
Chuck Caudill - Lee Co.
William R. Lewis - Leslie Co.
Terry Adams - Letcher Co.
Cale Turner - Owsley Co.
Scott Alexander - Perry Co.
Raymond Banks - Wolfe Co.

Mayors

Laura Thomas - Jackson
Tracy Neice - Hindman
Scott Cornett - Pippa Passes
Scott Jackson - Beattyville
Carol Joseph - Hyden
Susan Polis - Fleming-Neon
James W. Craft - Whitesburg
Todd DePriest - Jenkins
Nelson Bobrowski - Booneville
Ernest Back - Vicco
Donald "Happy" Mobelini - Hazard
Tom Burns - Buckhorn
Kathi May - Campton

Citizen Members

Roy Darrell Herald
Gary Campbell
Ray D. Moore
Larry Parke
Larry Perkins
Zach Sandlin
Hiram Cornett
Eugene Stewart
Everett Marshall
Doug Brandenburg
Fred Hall
Jack Burkich
Dale Bishop
Derrick Bowling
Neil Napier
Gregory Whitson
Meriwether Wash-Hall
Pam Pilgrim
Shirley Halcomb

Executive Director
Michelle Allen

E-Mail: michelle@kradd.org
FAX NUMBER 606-436-2144
TDD NUMBER 1-800-247-2510
(Hearing Impaired)

May 19, 2020

Louanna Aldridge
Office of the Commissioner
300 Sower Blvd., 2nd Floor
Frankfort, KY 40601

RE: City of Hindman-Hindman Waterline Extension Project

Dear Louanna:

The Kentucky River Area Development District has been asked to undertake a NEPA environmental review of the above referenced project to determine the impact of the proposed activities. Please provide comments from the following Divisions under the Kentucky Department for Environmental Protection jurisdiction:

- Division of Air Quality
- Division of Waste Management
- Division of Water
- **Division of Water, Floodplain Management**

Any ground disturbance with this project will be in highway right of way and no impacts are anticipated to air quality. I would appreciate your office reviewing this project and its potential impact(s) on any environmental areas within your jurisdiction. I have enclosed a project location map and project description for your reference.

Your comments may address beneficial or adverse impacts or, both. I would appreciate receiving your comments in the near future. I will assume if I have not received a response from you within 30 days of this letter, that your office does not anticipate any negative environmental impacts from this project, per your area(s) of responsibility. Responses can be sent by email to : lisa@kradd.org.

Thank you, for your time and assistance.

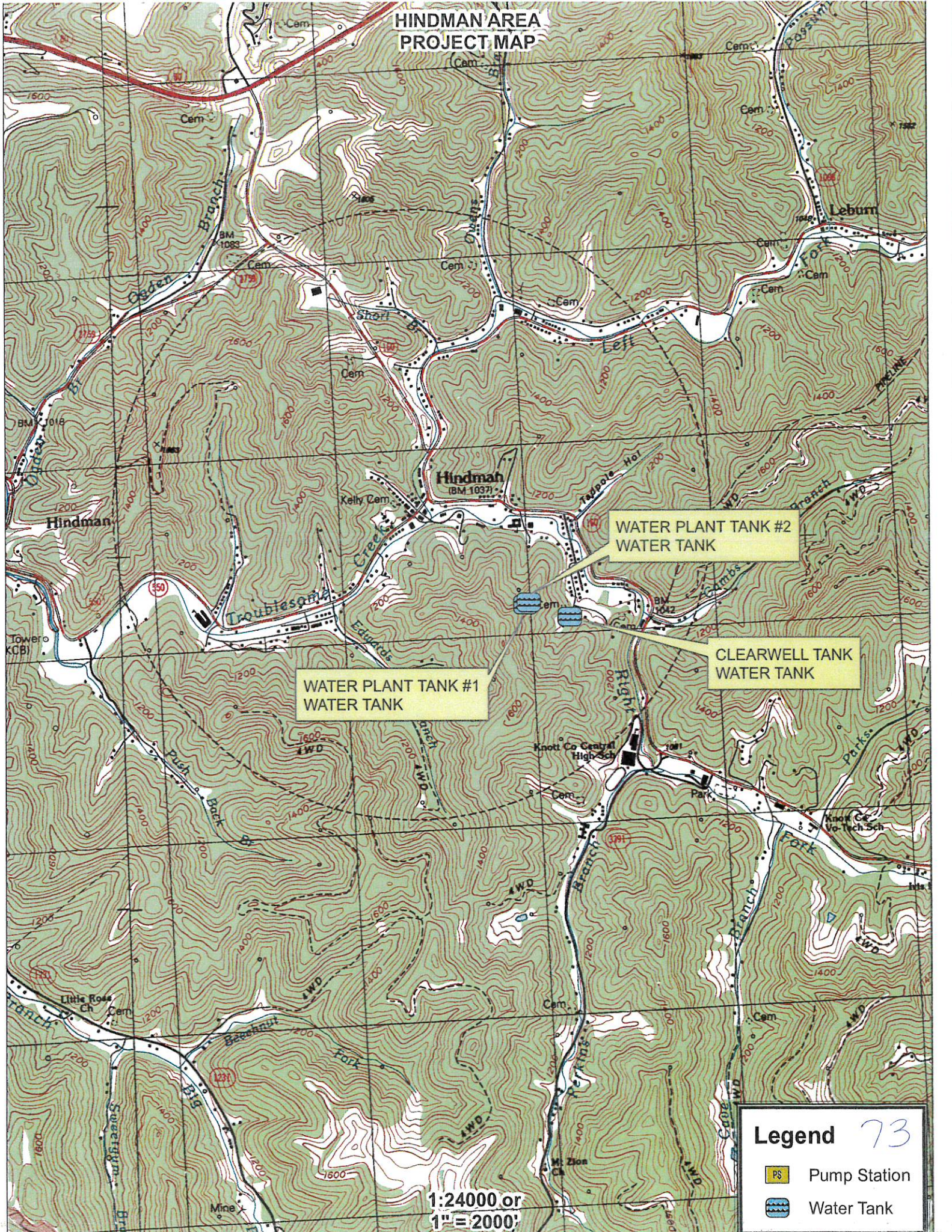
Sincerely,

Lisa Napier
Lisa Napier

Community and Economic Development Specialist

72

HINDMAN AREA PROJECT MAP





WATER PLANT TANK #1
WATER TANK

WATER PLANT TANK #2
WATER TANK

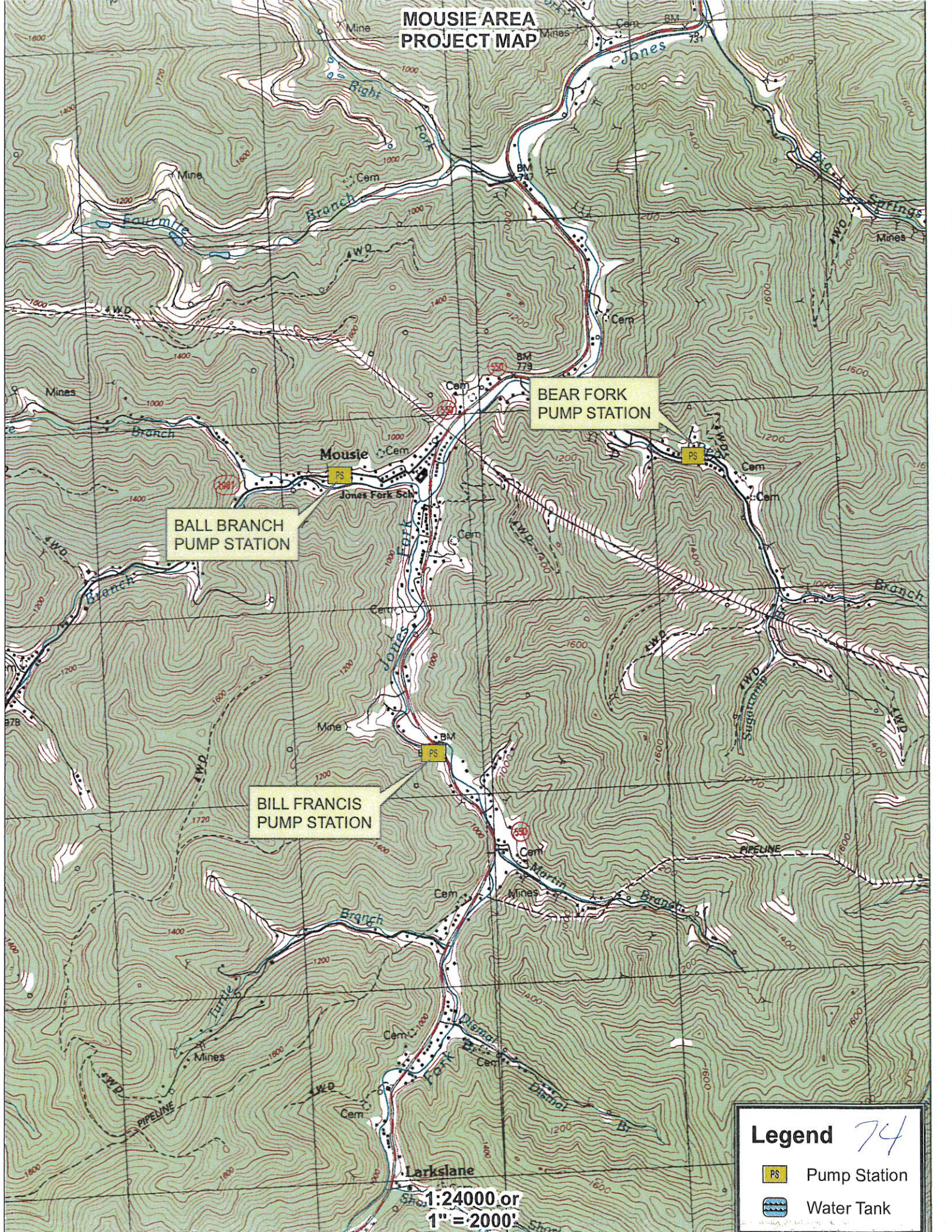
CLEARWELL TANK
WATER TANK

Legend 73

	Pump Station
	Water Tank

1:24000 or
1" = 2000'

MOUSIE AREA PROJECT MAP





BALL BRANCH
PUMP STATION

BEAR FORK
PUMP STATION

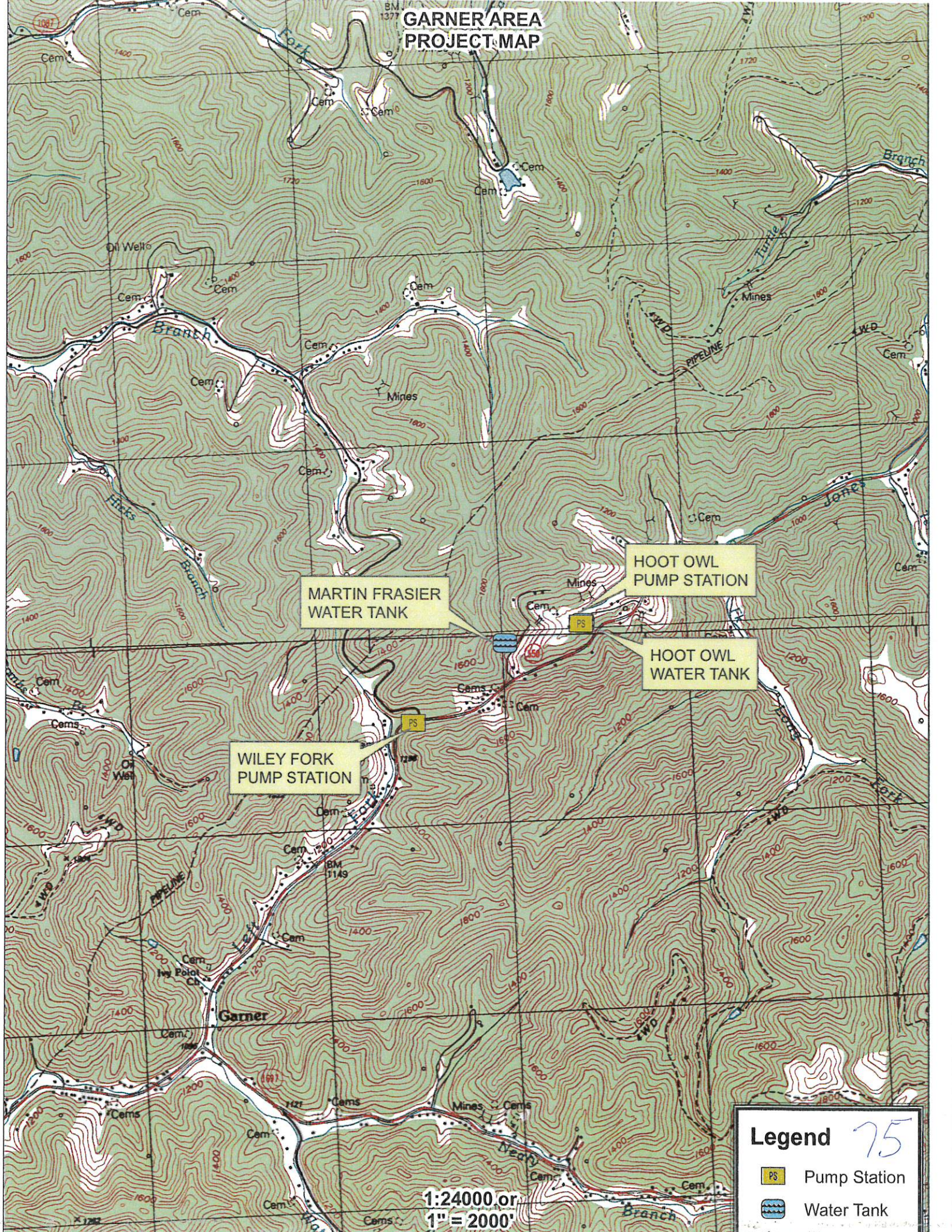
BILL FRANCIS
PUMP STATION

Legend 74

-  Pump Station
-  Water Tank

Scale: 1:24000 or
1" = 2000'

GARNER AREA PROJECT MAP





MARTIN FRASIER WATER TANK

HOOT OWL PUMP STATION

HOOT OWL WATER TANK

WILEY FORK PUMP STATION

Legend 75

-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'



BRINKLEY AREA PROJECT MAP

HOLLY HILLS
PUMP STATION

HOLLY HILLS
WATER TANK

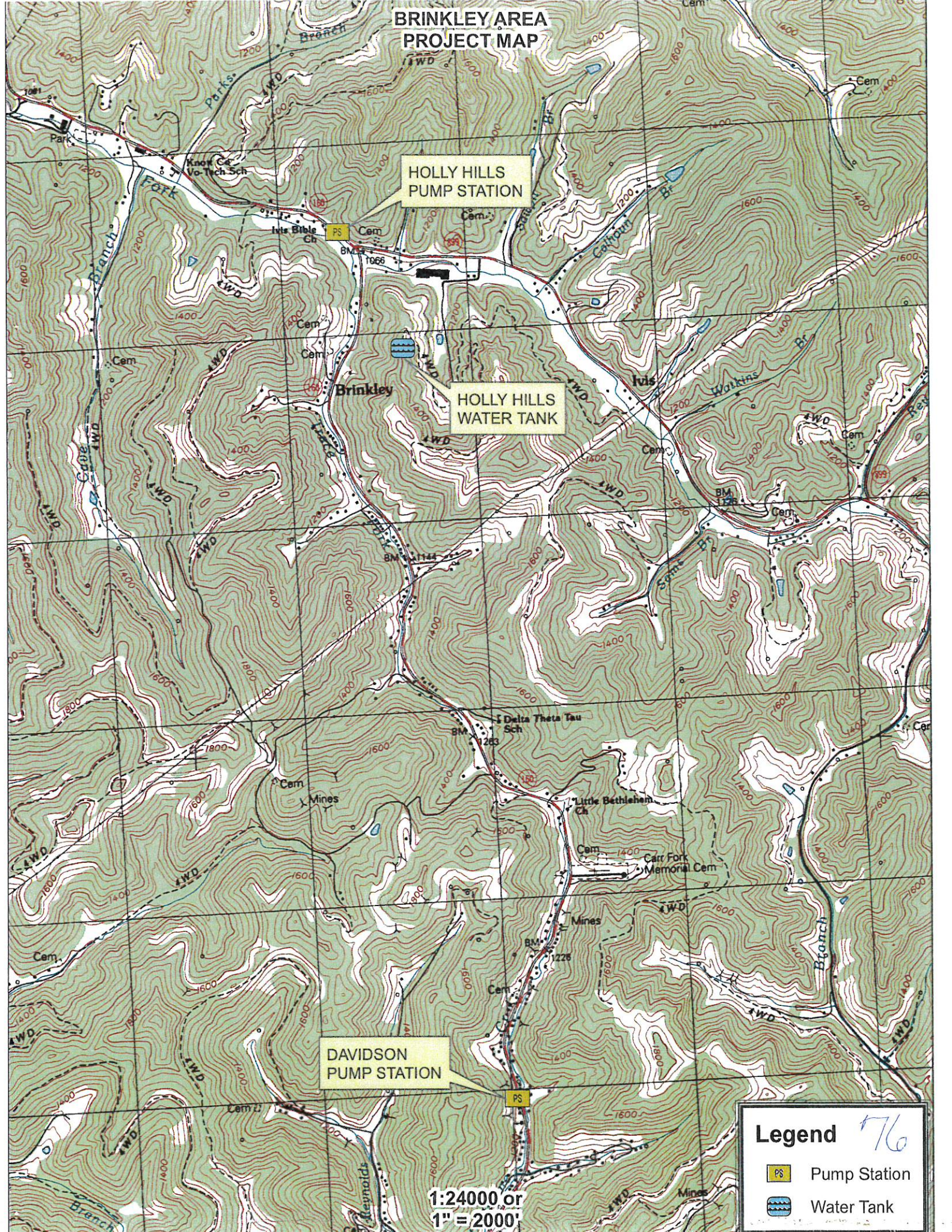
DAVIDSON
PUMP STATION

Legend

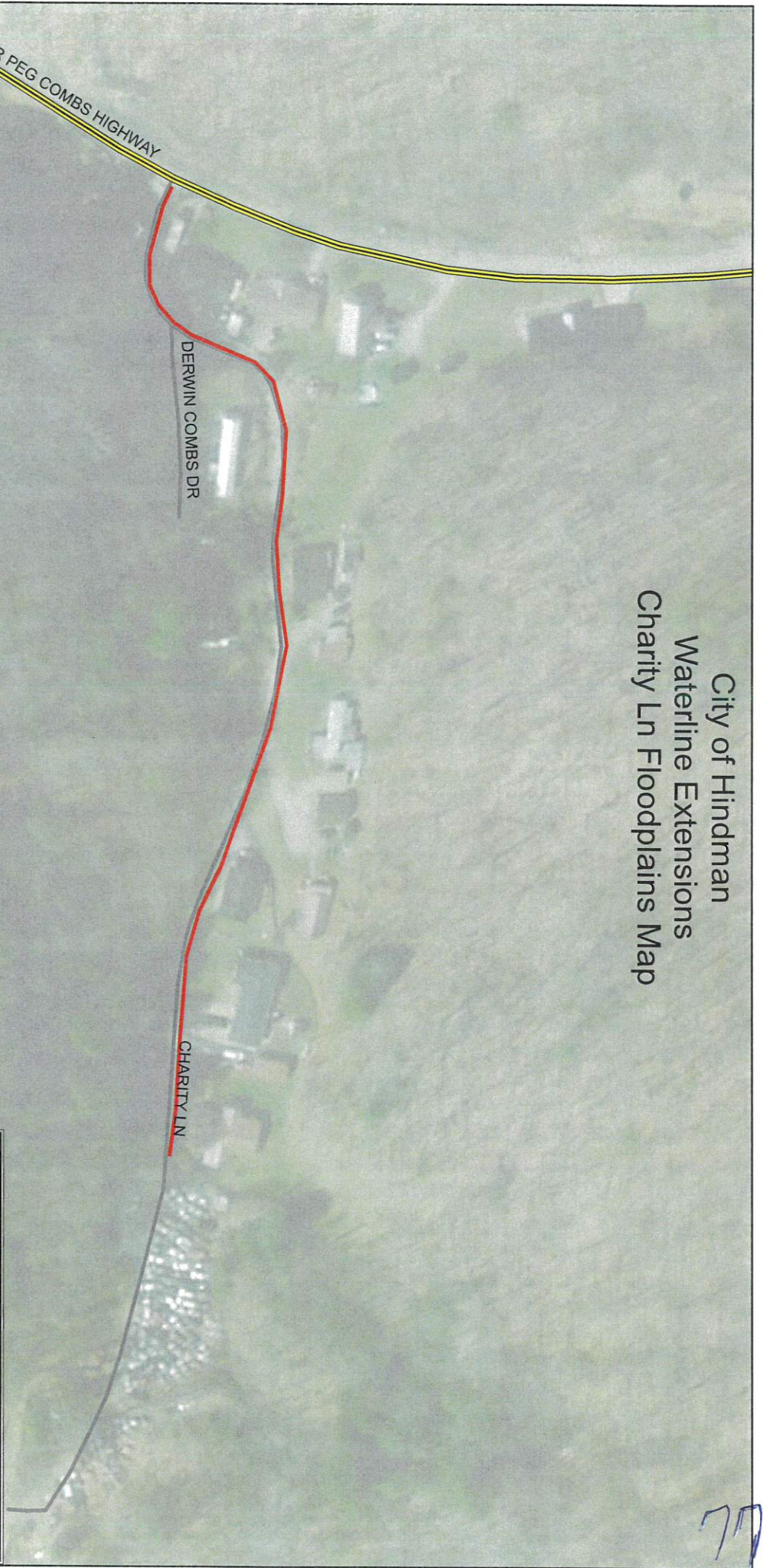
-  Pump Station
-  Water Tank

1:24000 or
1" = 2000'

76



City of Hindman Waterline Extensions Charity Ln Floodplains Map



Notes:
 Shall install approximately 650 LF of 4" PVC and 250 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0202C
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

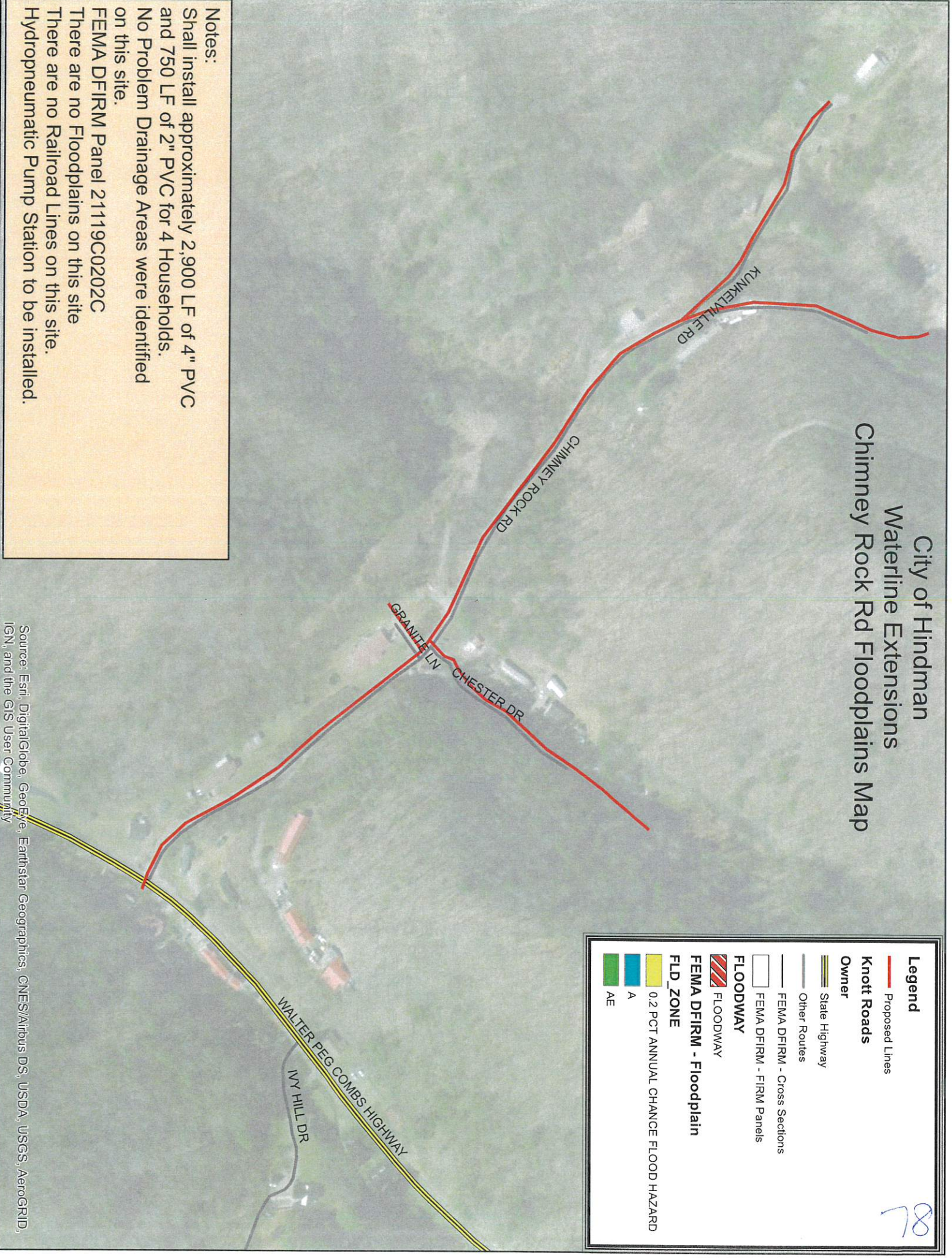
Legend

- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- FLOODWAY**
- FLOODWAY**
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Source: Esri, DigitalGlobe, GeoEye, Earthstar ©, IGN, and the GIS User Community

75

City of Hindman Waterline Extensions Chimney Rock Rd Floodplains Map



Legend

- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- FEMA DFIRM - Cross Sections
- FEMA DFIRM - FIRM Panels
- FLOODWAY**
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANGE FLOOD HAZARD
- A
- AE

78

Notes:
 Shall install approximately 2,900 LF of 4" PVC and 750 LF of 2" PVC for 4 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0202C
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman
 Waterline Extensions
 Crimson Rd Floodplains Map



Notes:
 Shall install approximately 1,200 LF of 4" PVC and 250 LF of 2" PVC for 7 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0225D
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

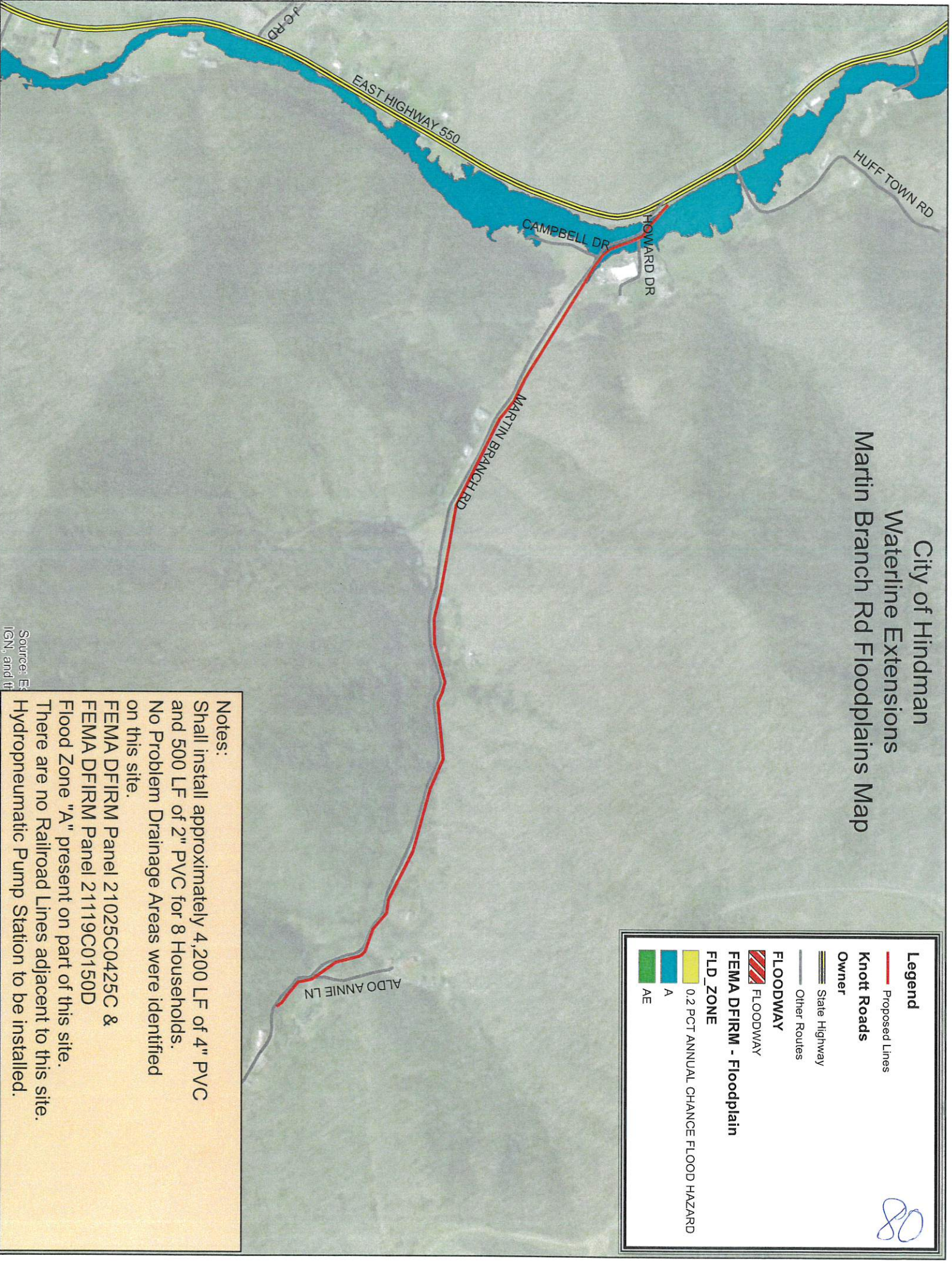
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geograph, IGN, and the GIS User Community

Legend

- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- FLOODWAY**
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

79

City of Hindman Waterline Extensions Martin Branch Rd Floodplains Map



80

	Legend
	Proposed Lines
	Knott Roads
	Owner
	State Highway
	Other Routes
	FLOODWAY
	FLOODWAY
	FEMA DFIRM - Floodplain
	FLD_ZONE
	0.2 PCT ANNUAL CHANGE FLOOD HAZARD
	A
	AE

Notes:
 Shall install approximately 4,200 LF of 4" PVC and 500 LF of 2" PVC for 8 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21025C0425C & FEMA DFIRM Panel 21119C0150D Flood Zone "A" present on part of this site.
 There are no Railroad Lines adjacent to this site.
 Hypneumatic Pump Station to be installed.

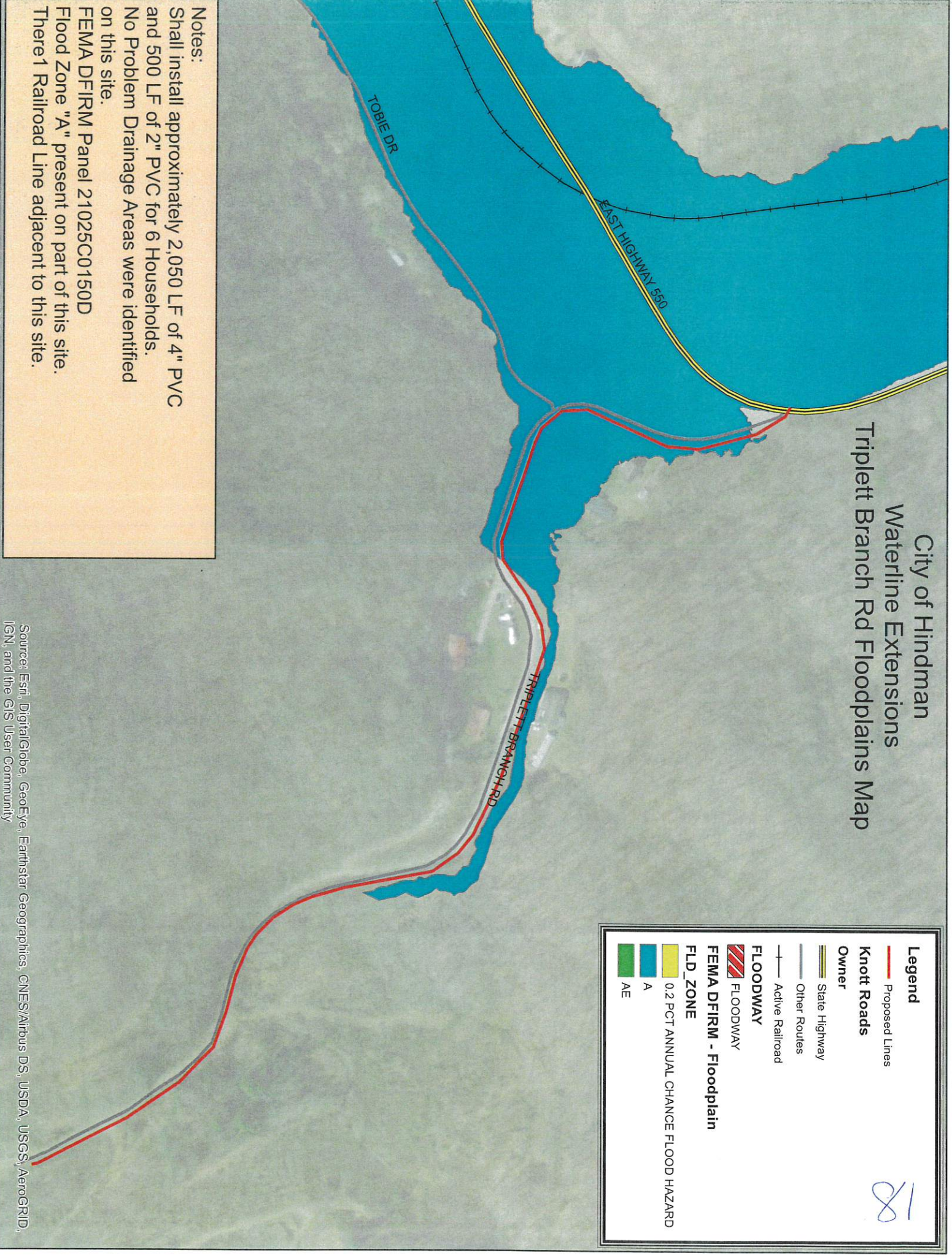
Source: Esri, IGN, and the

City of Hindman Waterline Extensions Triplett Branch Rd Floodplains Map

18

Legend


- Proposed Lines
- Knott Roads**
- Owner**
- State Highway
- Other Routes
- Active Railroad
- FLOODWAY**
- FLOODWAY
- FEMA DFIRM - Floodplain**
- FLD_ZONE**
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE



Notes:
 Shall install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21025C0150D
 Flood Zone "A" present on part of this site.
 There 1 Railroad Line adjacent to this site.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman Waterline Extensions Upper Mill Creek Rd Site Plan Map



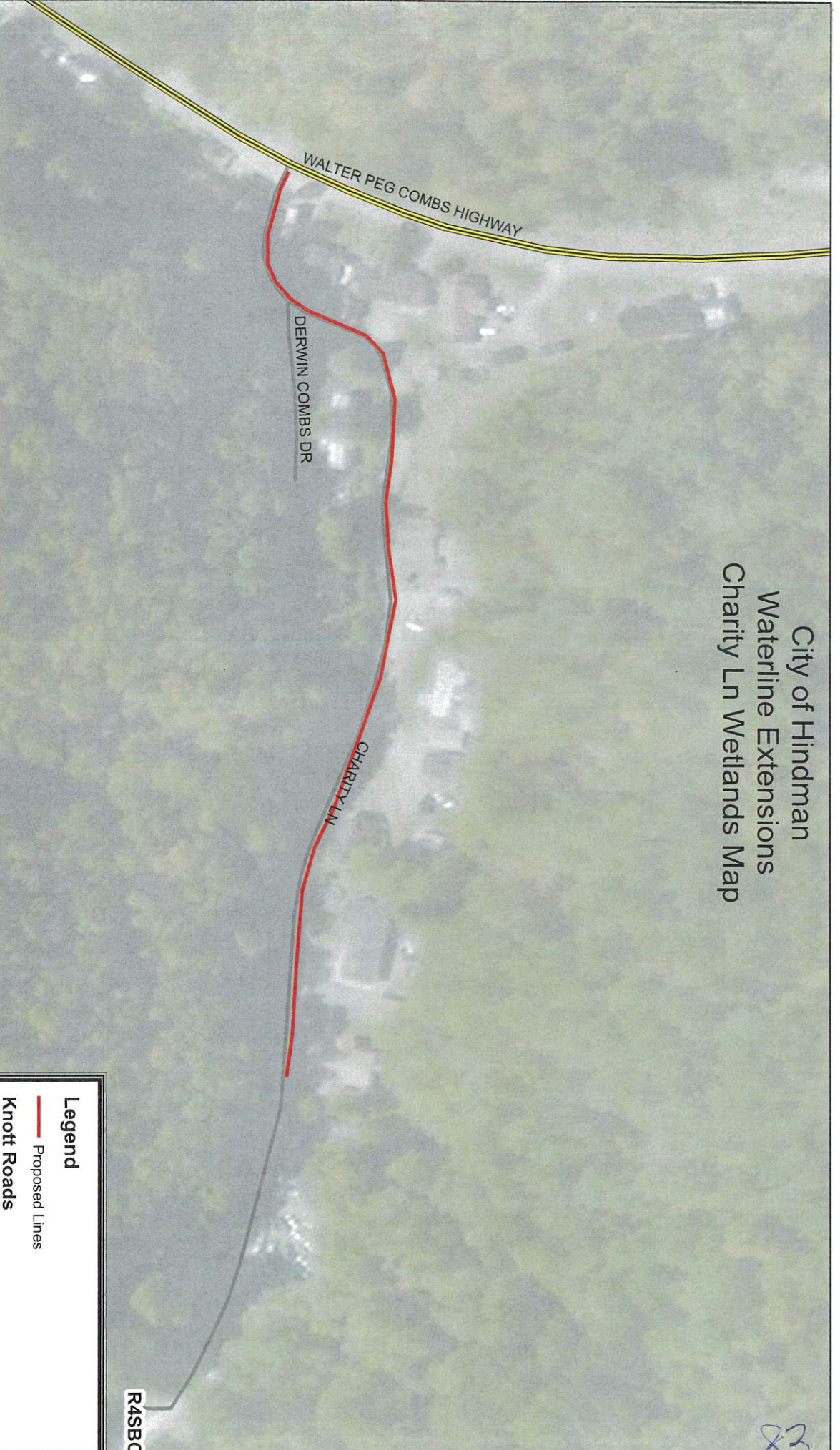
Legend

- Proposed Lines
- Knott Roads
- Owner
- State Highway
- Other Routes
- FLOODWAY
- FLOODWAY
- FEMA DFIRM - Floodplain
- FLD_ZONE
- 0.2 PCT ANNUAL CHANCE FLOOD HAZARD
- A
- AE

Notes:
 Shall install approximately 8,450 LF of 4" PVC and 250 LF of 2" PVC for 15 Households.
 No Problem Drainage Areas were identified on this site.
 FEMA DFIRM Panel 21119C0225D
 There are no Floodplains on this site
 There are no Railroad Lines on this site.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman Waterline Extensions Charity Ln Wetlands Map













Notes:
 Shall install approximately 650 LF of 4" PVC and 250 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydropneumatic Pump Station to be installed.

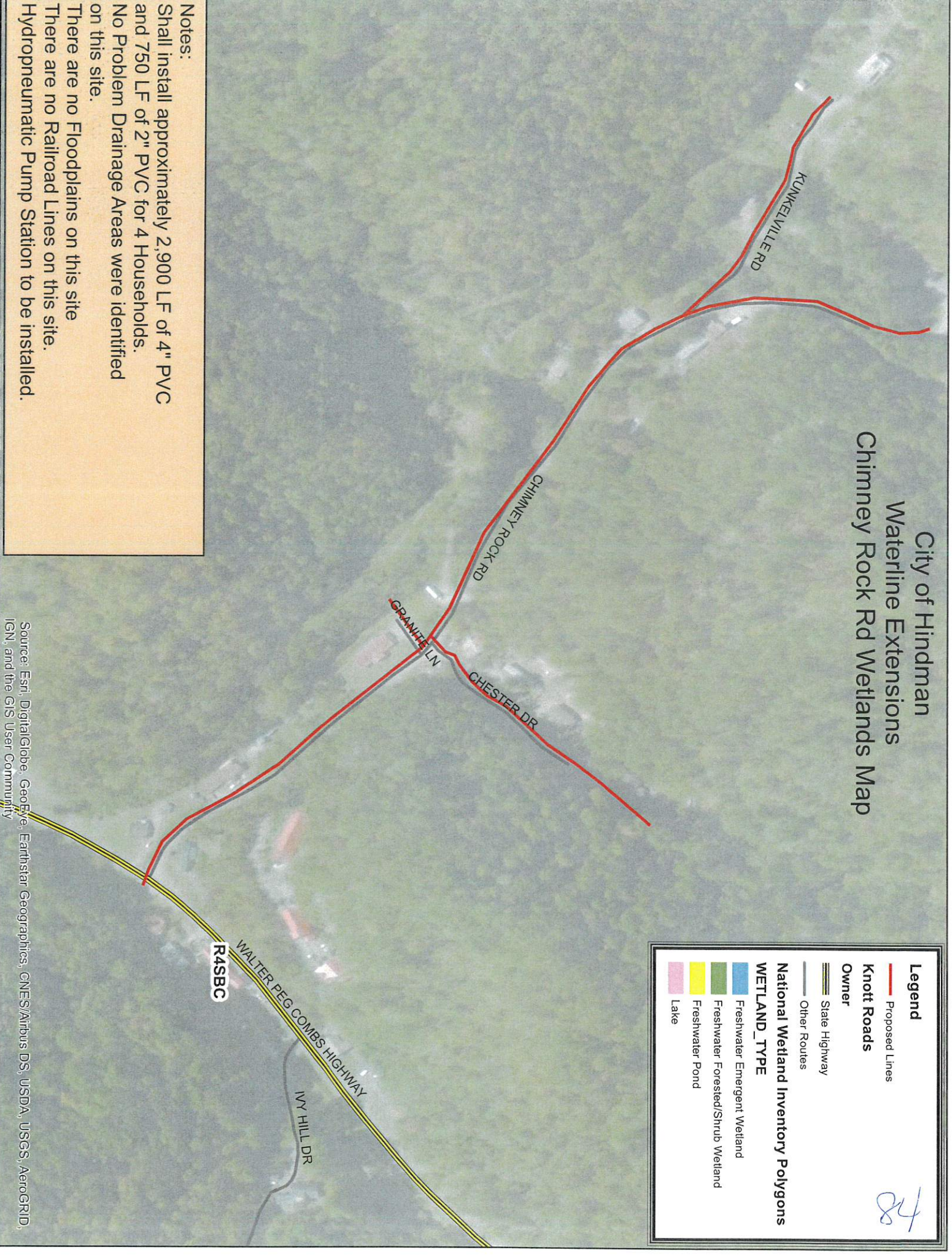
Source: Esri, DigitalGlobe, GeoEye, Earthstar GeoIGN, and the GIS User Community

	Legend
	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake

City of Hindman Waterline Extensions Chimney Rock Rd Wetlands Map

48

	Legend
	Proposed Lines
	Knott Roads
	Owner
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake



Notes:
 Shall install approximately 2,900 LF of 4" PVC and 750 LF of 2" PVC for 4 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydro pneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman
 Waterline Extensions
 Crimson Rd Wetlands Map



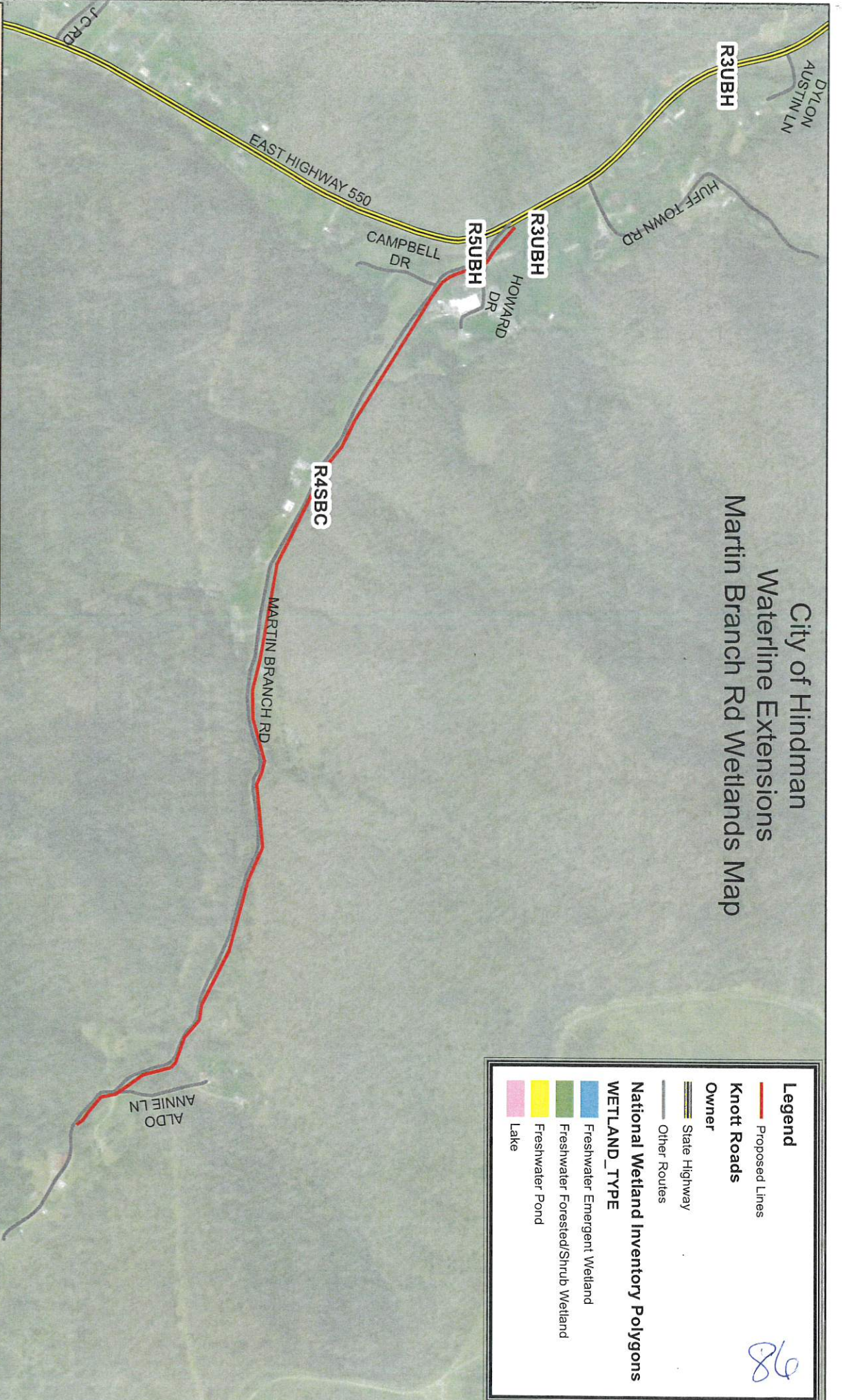
Notes:
 Shall install approximately 1,200 LF of 4" PVC and 250 LF of 2" PVC for 7 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.
 Hydro pneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, IGN, and the GIS User Community

	Proposed Lines
	Knott Roads
	State Highway
	Other Routes
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake

85

City of Hindman Waterline Extensions Martin Branch Rd Wetlands Map



86









Legend	
—	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake

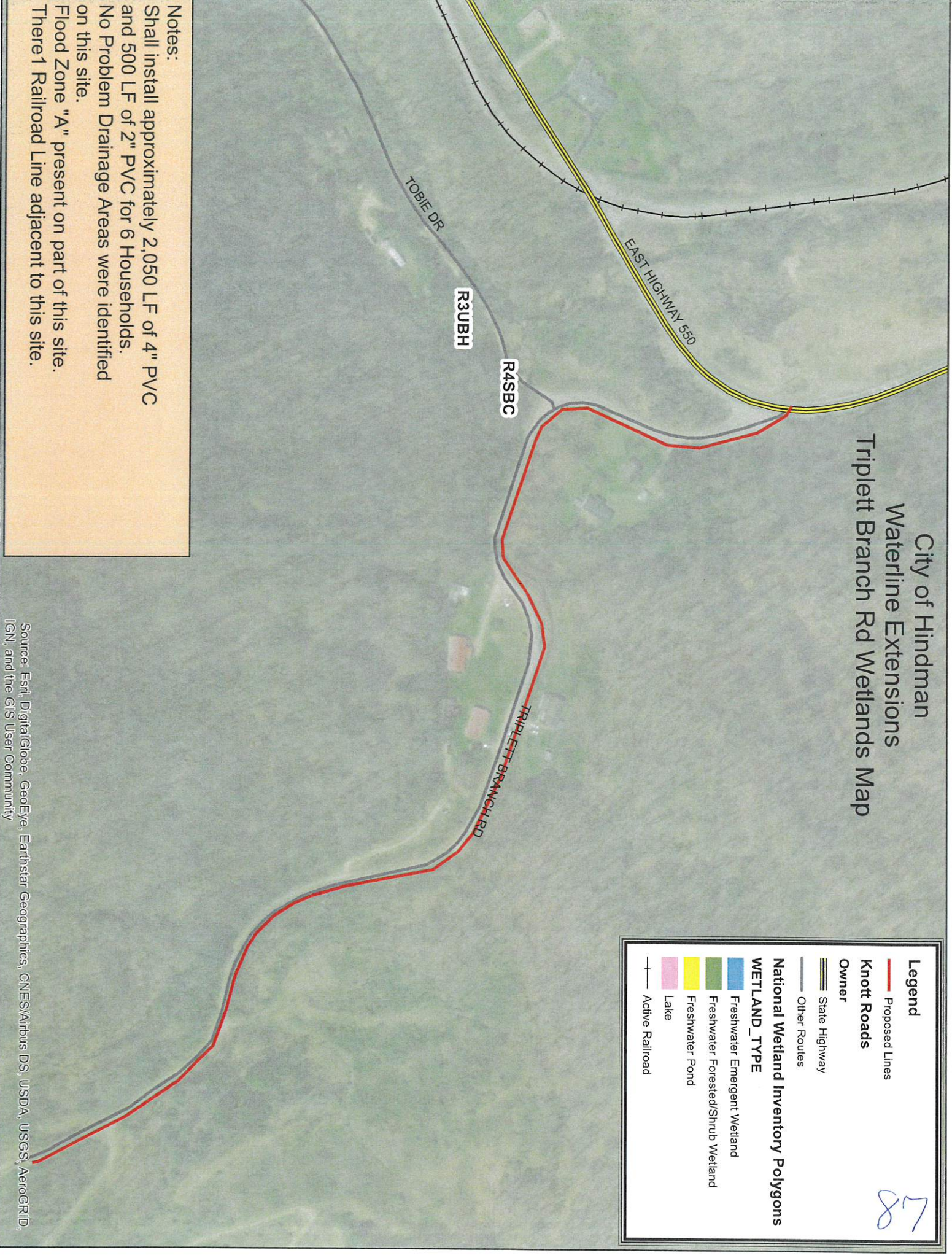
Notes:
 Shall install approximately 4,200 LF of 4" PVC and 500 LF of 2" PVC for 8 Households.
 No Problem Drainage Areas were identified on this site.
 Flood Zone "A" present on part of this site.
 There are no Railroad Lines adjacent to this site.
 Hydropneumatic Pump Station to be installed.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman Waterline Extensions Triplett Branch Rd Wetlands Map

87

Legend	
	Proposed Lines
Knott Roads	
Owner	
	State Highway
	Other Routes
National Wetland Inventory Polygons	
WETLAND_TYPE	
	Freshwater Emergent Wetland
	Freshwater Forested/Shrub Wetland
	Freshwater Pond
	Lake
	Active Railroad



Notes:
 Shall install approximately 2,050 LF of 4" PVC and 500 LF of 2" PVC for 6 Households.
 No Problem Drainage Areas were identified on this site.
 Flood Zone "A" present on part of this site.
 There 1 Railroad Line adjacent to this site.

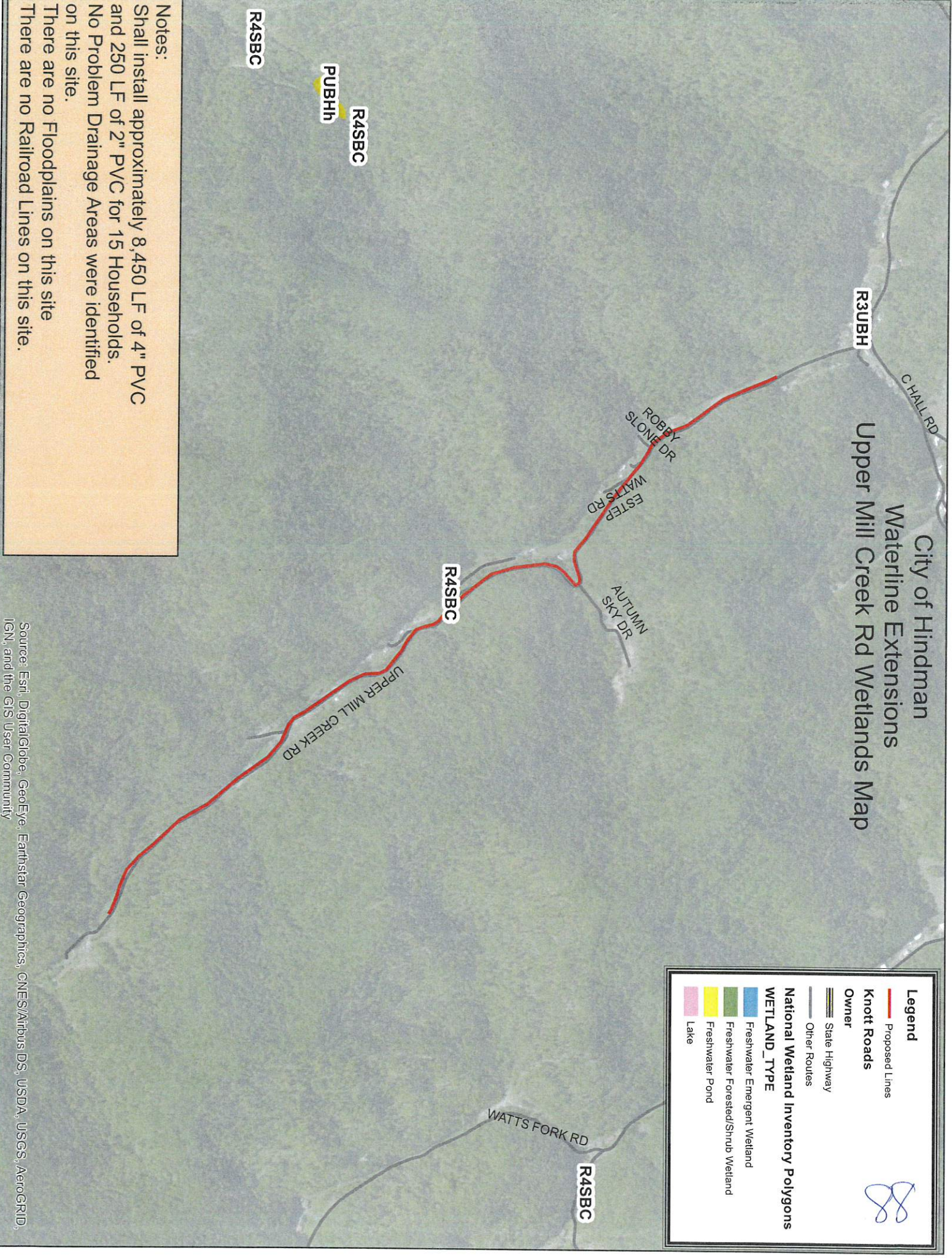
Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

City of Hindman Waterline Extensions Upper Mill Creek Rd Wetlands Map



Legend

- Proposed Lines
- Knott Roads**
- Owner**
 - State Highway
 - Other Routes
- National Wetland Inventory Polygons**
- WETLAND_TYPE**
 - Freshwater Emergent Wetland
 - Freshwater Forested/Shrub Wetland
 - Freshwater Pond
 - Lake



Notes:
 Shall install approximately 8,450 LF of 4" PVC and 250 LF of 2" PVC for 15 Households.
 No Problem Drainage Areas were identified on this site.
 There are no Floodplains on this site
 There are no Railroad Lines on this site.

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community