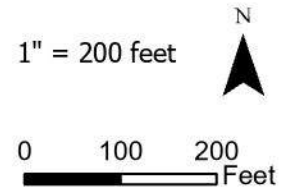


Watervale Creek Stream Restoration

Concept Design Map Overview Sheet

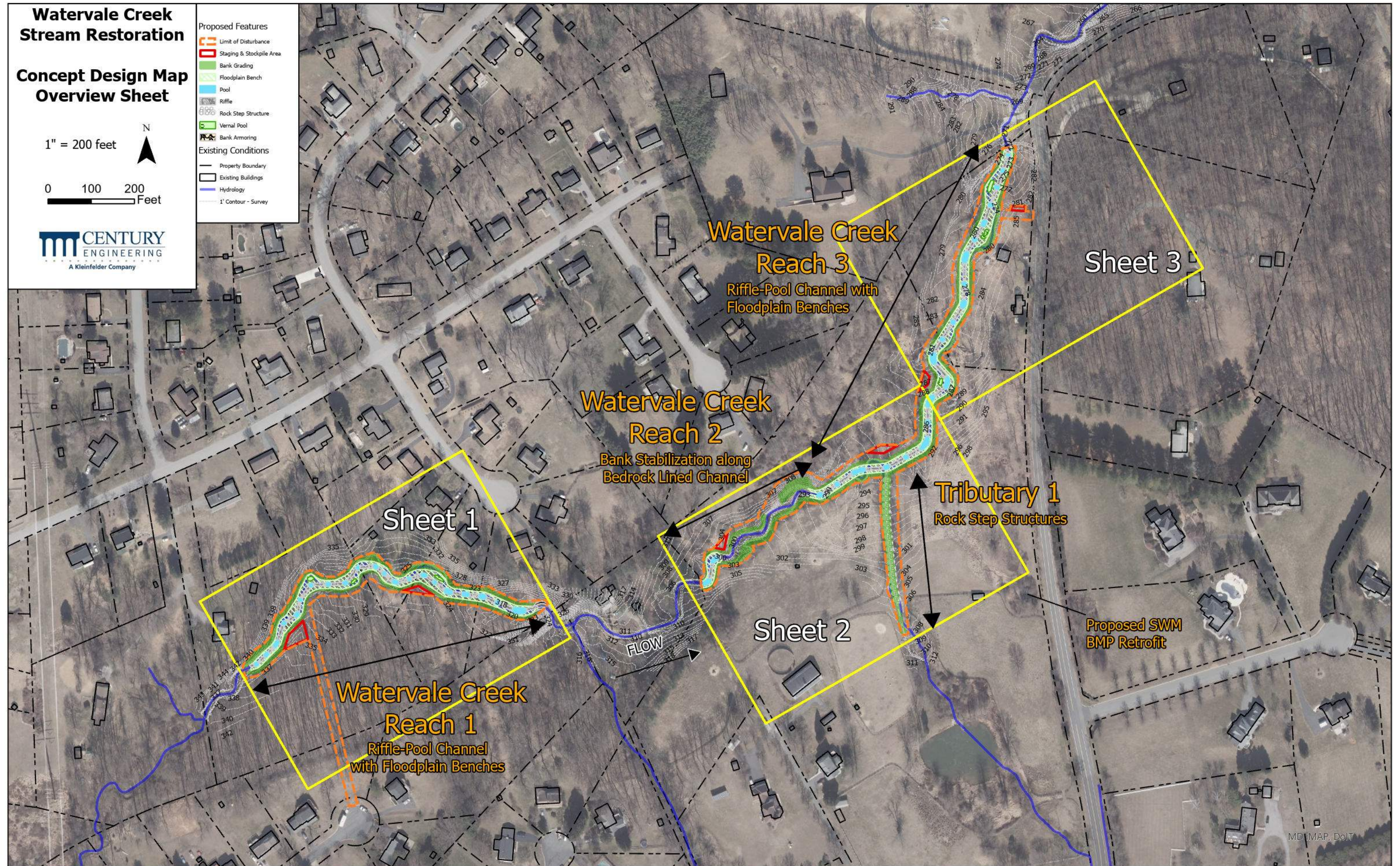


Proposed Features

- Limit of Disturbance
- Staging & Stockpile Area
- Bank Grading
- Floodplain Bench
- Pool
- Riffle
- Rock Step Structure
- Vernal Pool
- Bank Armoring

Existing Conditions

- Property Boundary
- Existing Buildings
- Hydrology
- 1' Contour - Survey



Watervale Creek
Stream Restoration

Concept Design Map
Sheet 1 of 3

Watervale Creek
Reach 1

Legend

Proposed Features

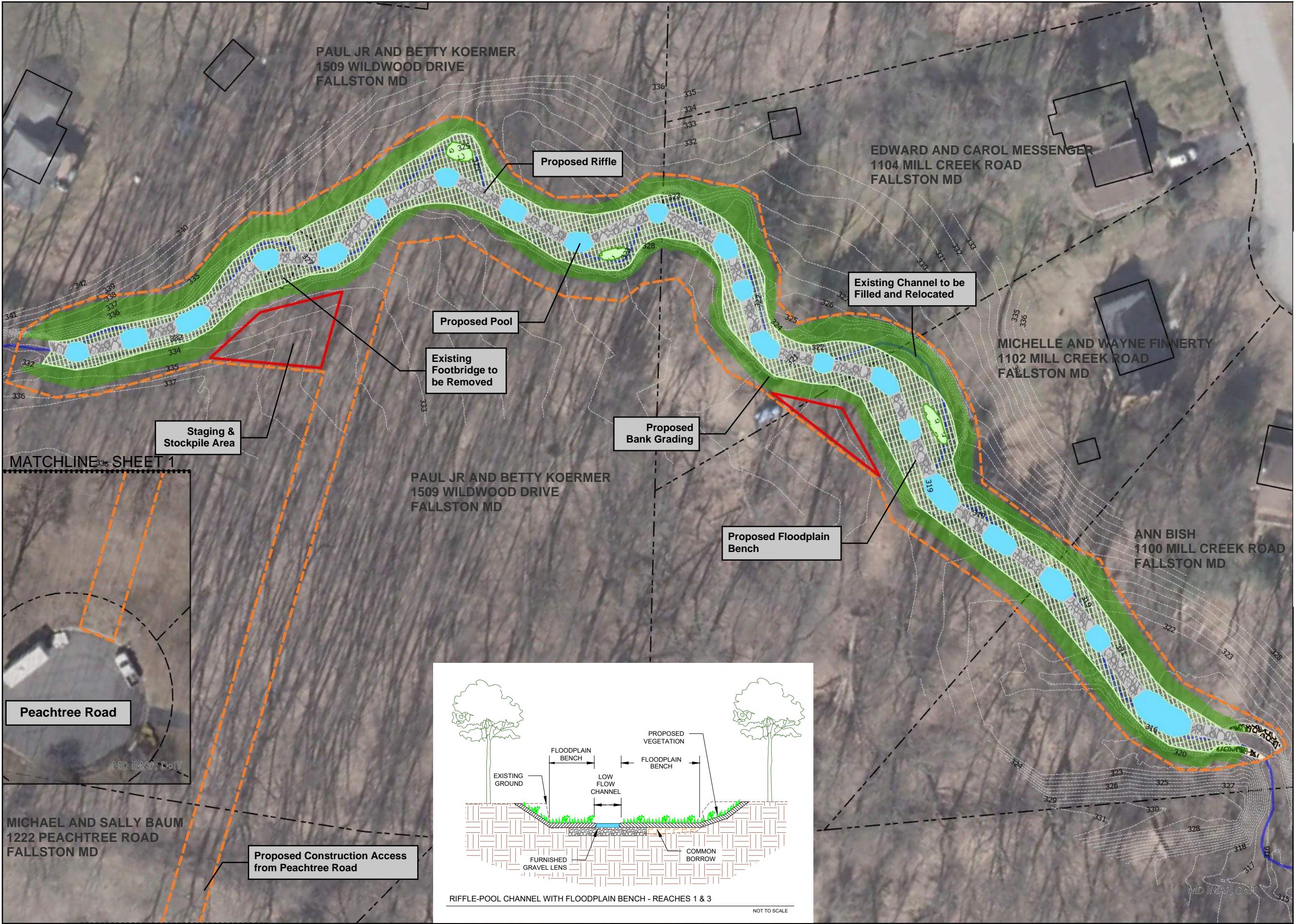
- Bank Grading
- Floodplain Bench
- Pool
- Riffle
- Vernal Pool
- Rock Step Structure
- Bank Armoring
- Staging & Stockpile Area
- Limit of Disturbance

Existing Conditions

- Property Boundary
- Existing Buildings
- Hydrology
- 1' Contour - Survey



1" = 50 feet



MATCHLINE - INSET

Watervale Creek
Stream Restoration

Concept Design Map
Sheet 2 of 3

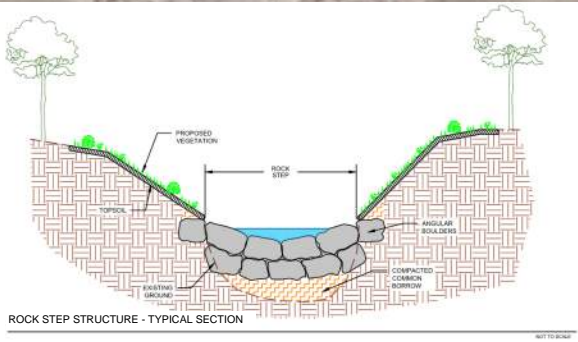
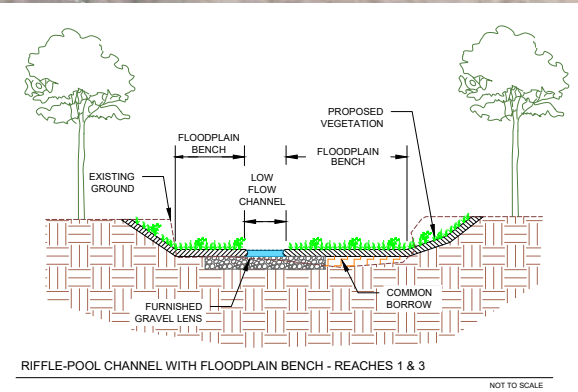
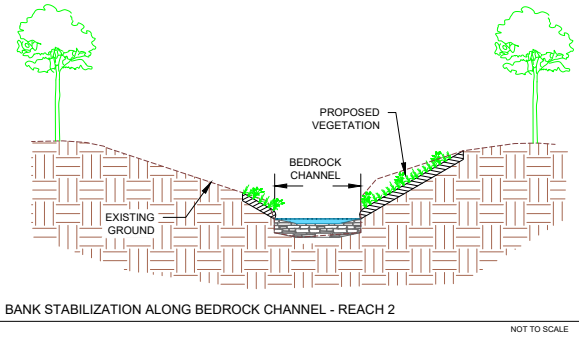
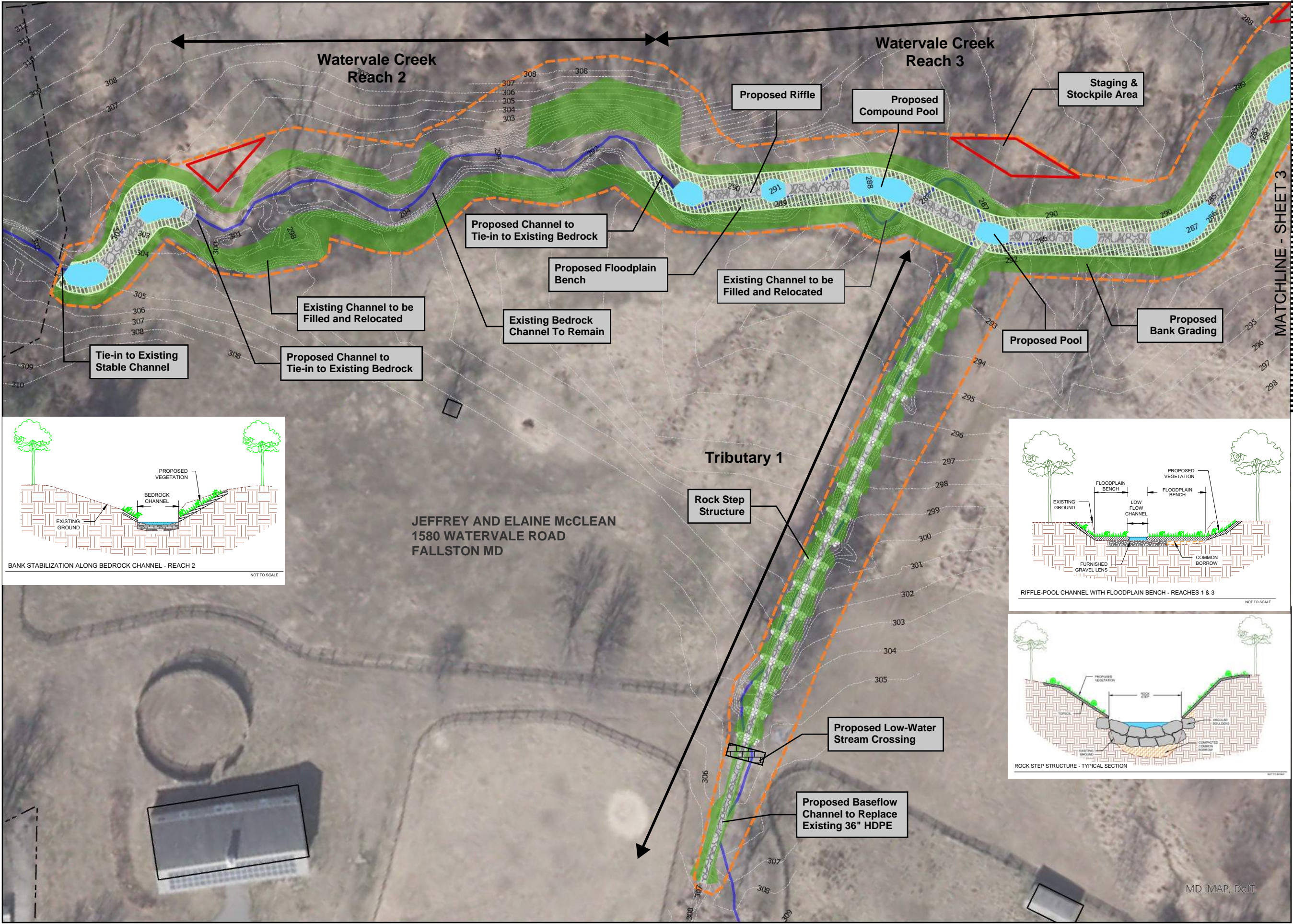
Watervale Creek
Reaches 2 & 3

Legend

- Proposed Features**
- Bank Grading
 - Floodplain Bench
 - Pool
 - Riffle
 - Vernal Pool
 - Rock Step Structure
 - Bank Armoring
 - Staging & Stockpile Area
 - Limit of Disturbance
- Existing Conditions**
- Property Boundary
 - Existing Buildings
 - Hydrology
 - 1' Contour - Survey



1" = 50 feet



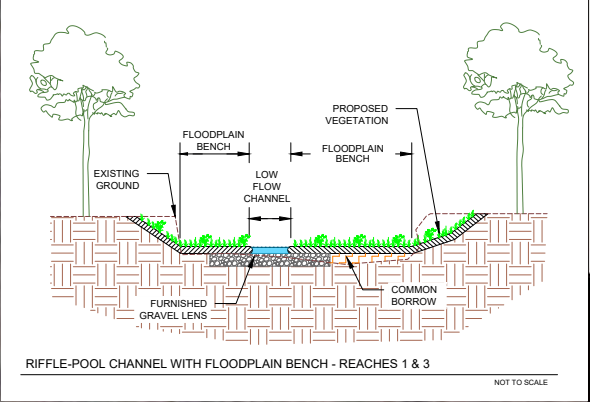
Watervale Creek
Stream Restoration

Concept Design Map
Sheet 3 of 3

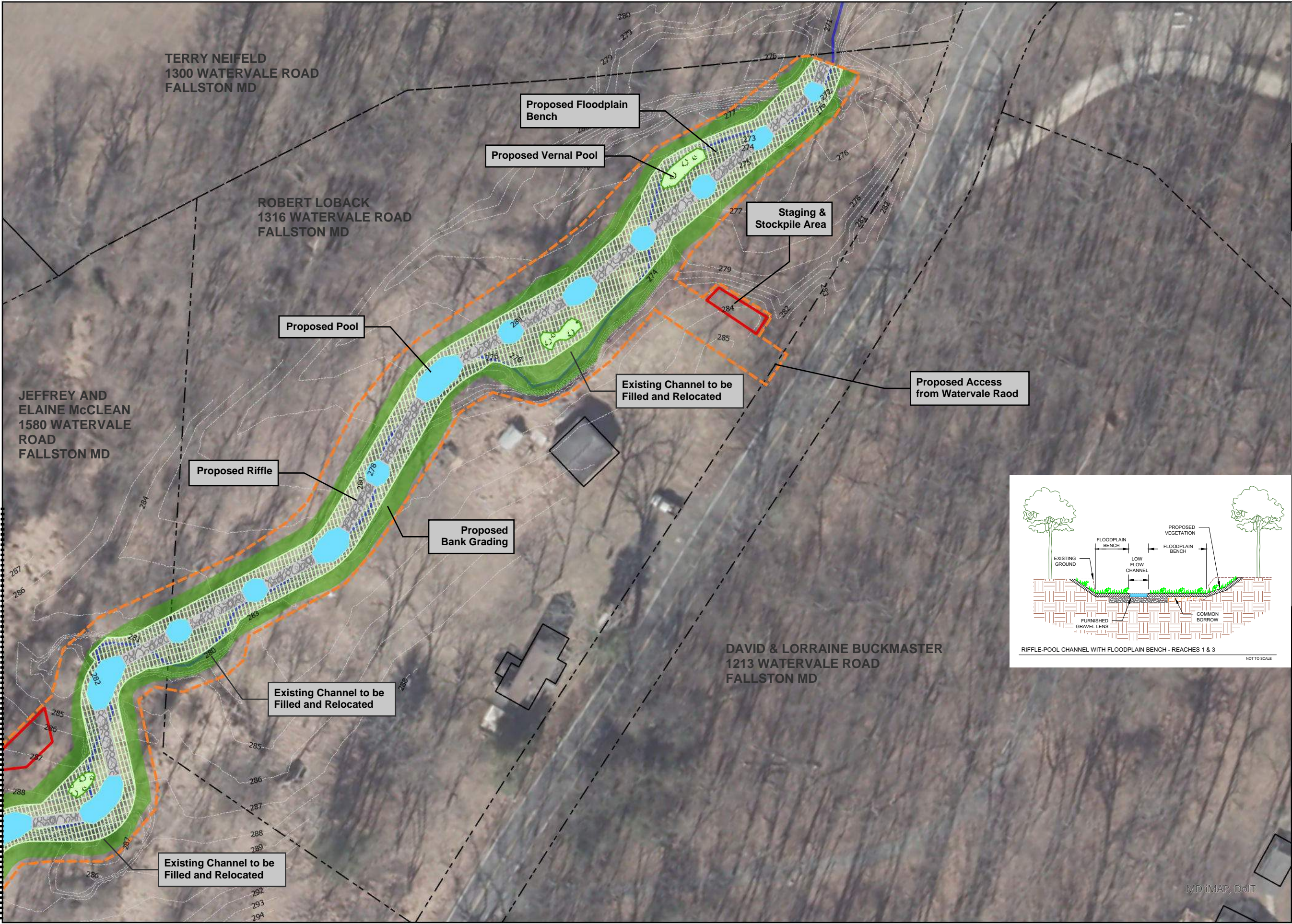
Watervale Creek
Reach 3

Legend

- Proposed Features**
- Bank Grading
 - Floodplain Bench
 - Pool
 - Riffle
 - Vernal Pool
 - Rock Step Structure
 - Bank Armoring
 - Staging & Stockpile Area
 - Limit of Disturbance
- Existing Conditions**
- Property Boundary
 - Existing Buildings
 - Hydrology
 - 1' Contour - Survey



MATCHLINE - SHEET 2



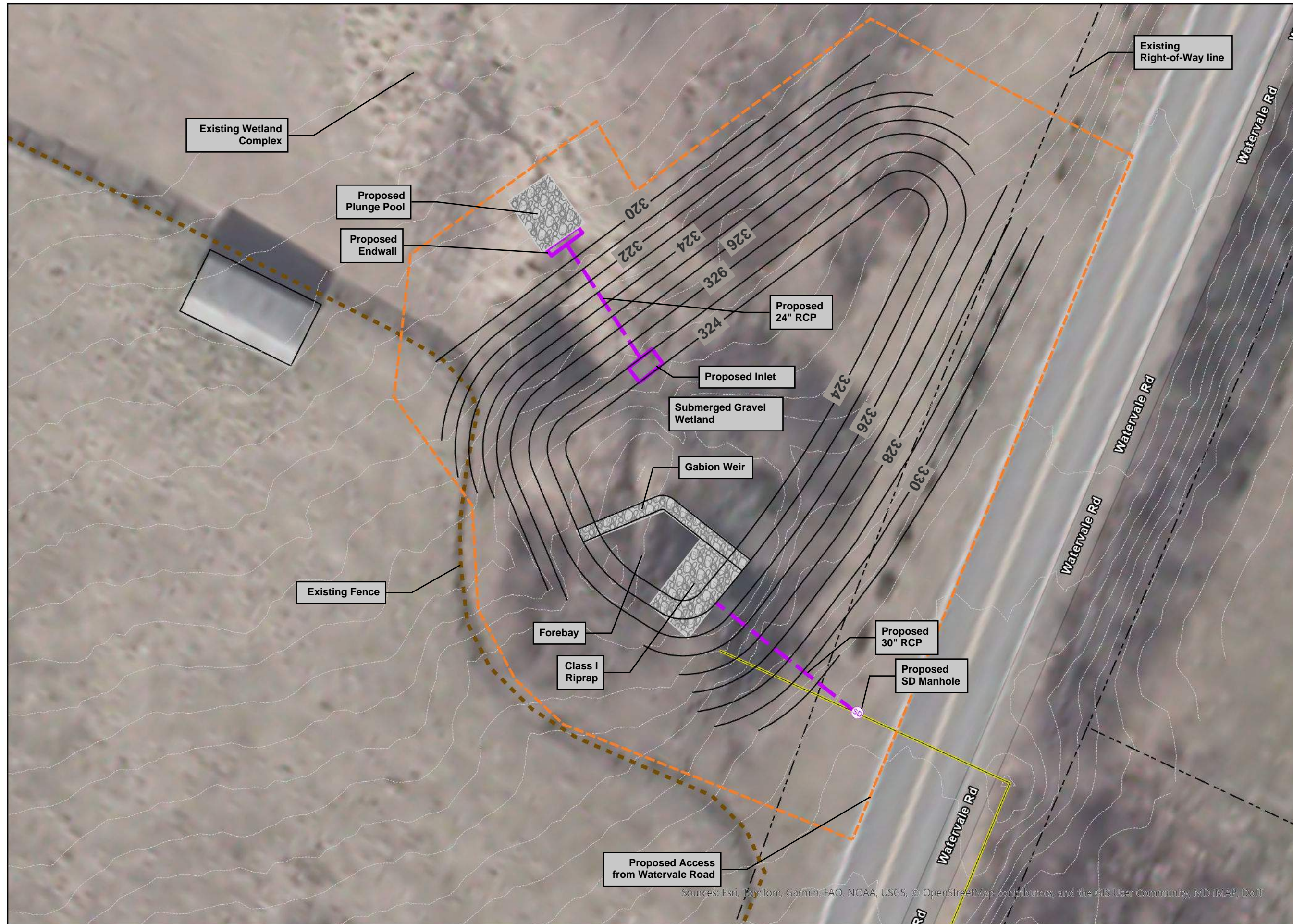
1" = 50 feet



Watervale Creek Stream Restoration

Concept Design Map

SWM Facility Retrofit



Legend

Proposed Features

- Limit of Disturbance
- Staging & Stockpile Area
- 1' Contour - Proposed Design
- Proposed Storm Drain Manhole
- Proposed Storm Drain Structure
- Proposed Storm Drain
- Proposed Riprap

Existing Conditions

- Property Boundary
- Existing Buildings
- Hydrology
- 1' Contour - LIDAR
- Existing Fence
- Existing Storm Drain



1" = 20 feet



Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community, M/D IMAP, DoIT