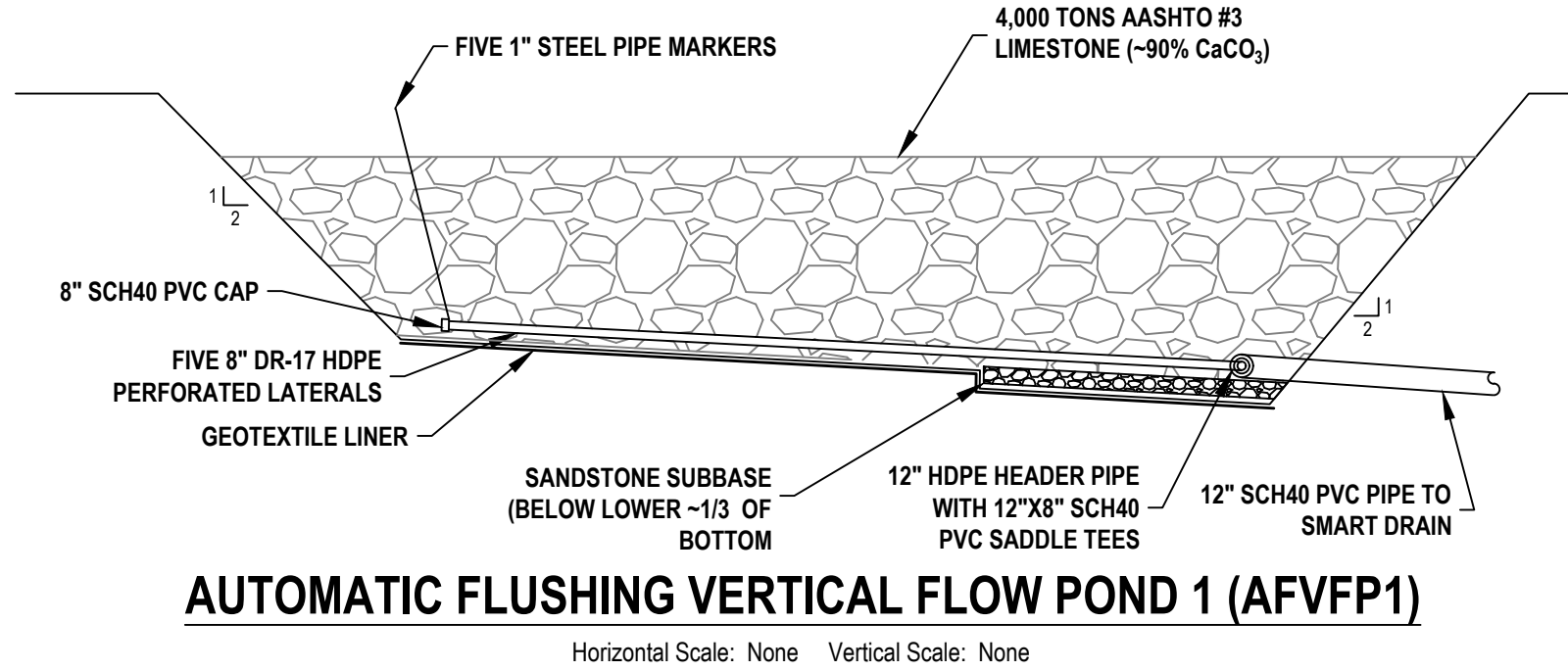
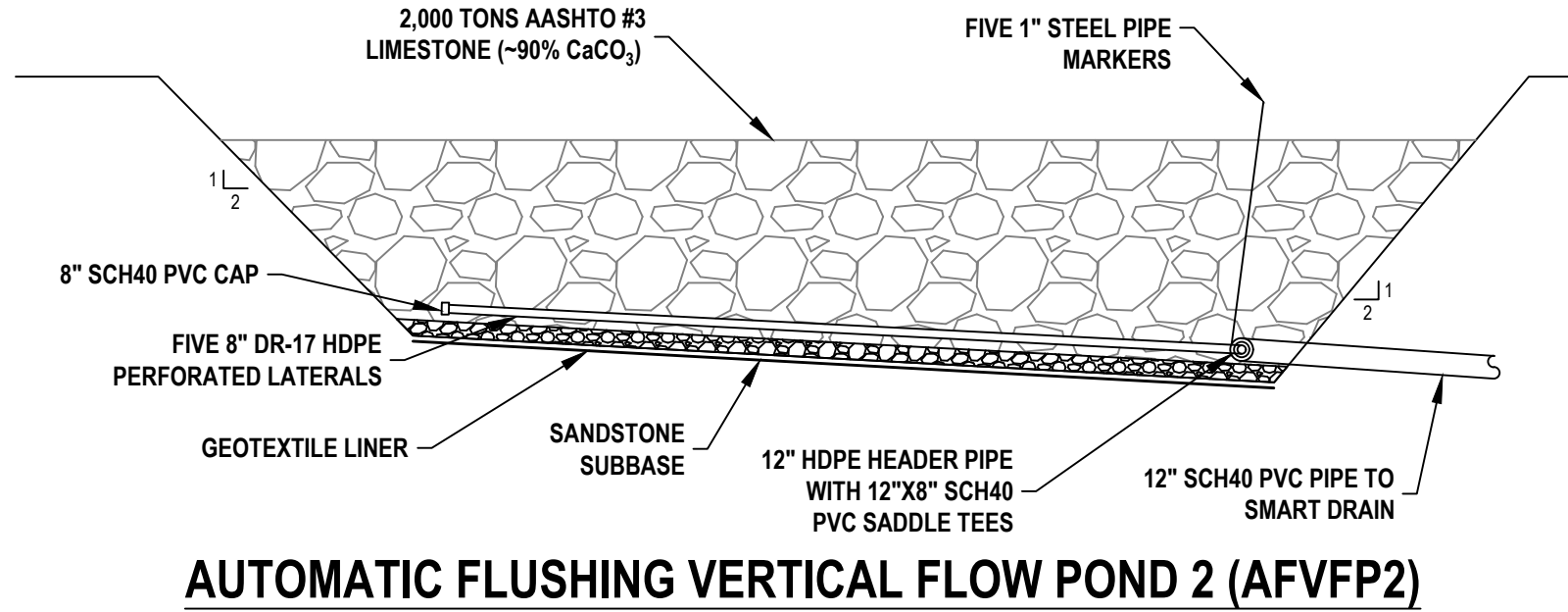


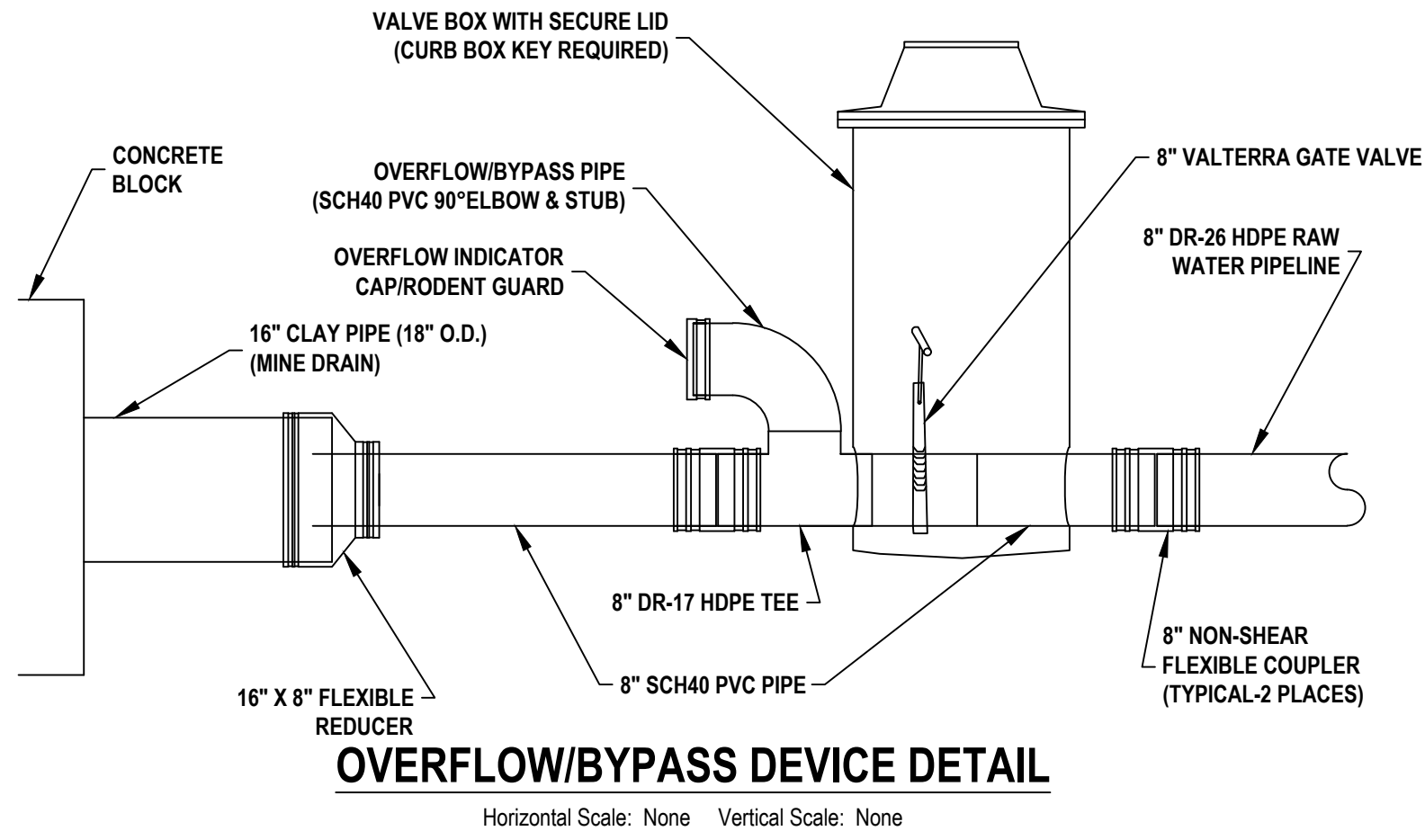
LOCATION MAP
1" = 800'



AUTOMATIC FLUSHING VERTICAL FLOW POND 1 (AFVFP1)



AUTOMATIC FLUSHING VERTICAL FLOW POND 2 (AFVFP2)



OVERFLOW/BYPASS DEVICE DETAIL

LEGEND

---	EX. CONTOUR (INDEX)
---	EX. CONTOUR (INTERMEDIATE)
---	AS-BUILT CONTOUR (INDEX)
---	AS-BUILT CONTOUR (INTERMEDIATE)
---	EX. 12" STEEL GAS LINE (APPX.)
---	EX. PROPERTY LINE (APPX.)
---	EX. OVERHEAD UTILITY LINE (APPX.)
---	EX. UTILITY POLE (V. APPX.)
---	EX. WATER LINE (APPX.)
---	EX. STRUCTURE (APPX.)
---	AS-BUILT TREATMENT COMPONENT
---	AS-BUILT FLOATING 3'-HIGH BAFFLE CURTAINS (WINDOWED)
---	AS-BUILT 4'-HIGH CHAIN-LINK FENCE
---	AS-BUILT DIVERSION DITCH (GRASS LINED)
---	AS-BUILT DIVERSION DITCH (R-4 LINED)
---	AS-BUILT MAINTENANCE AREA (7.0 ACRES)
---	IRON PIN SET ALONG EXTENT OF MAINTENANCE AREA
---	AS-BUILT 8" DR-17 HDPE UNDERDRAIN (PERFORATED)
---	EX. ROAD (PAVED)
---	FIRE HYDRANT
---	BORROW AREA EXCAVATED INTO FLOOR OF SP2
---	AS-BUILT AGGREGATE SURFACING
---	BUS STOP
---	STORMWATER DIVERSION PIPE JUNCTION BOX
---	SAMPLE POINT LOCATION

- NOTES:
- Existing topographic contours derived from a bare-earth digital surface model constructed from LIDAR (Spring 2006) as part of the PAMAP program. Selected topographic and cultural features from 2006 PAMAP aerial photos. Additional features derived from limited site investigations by BioMost, Inc. All dimensions are in feet unless otherwise noted.
 - Approximate property line locations and ownership information is based on Allegheny County online parcel viewer (2017) and aerial photography. **This is not a property survey.**
 - Bench mark BM2 set with a JAVAD Triumph-LS sub-centimeter GPS unit.
 - As-built features from design information, field observation during construction, and 2019 post-construction measurements with a JAVAD Triumph-LS sub-centimeter GPS. As-built features are a reasonable representation of actual conditions as of September 2019 and are subject to change based on variable mine drainage flow and precipitation, future maintenance, and other factors. The bottom dimensions/elevations of SP1 and SP2 are approximate.
 - The maintenance area extends along the extents shown and from the pins nearest to Mahoney Road perpendicular to the right-of-way (33' width assumed) and along said right-of-way.
 - Outfall MKR3 has been relocated to the H-flume through installation of 8" DR-26 HDPE raw water pipeline.
 - Guiderail (not shown for clarity) was installed on the west side of Mahoney Road along the extent of the five pond features. Entrances (noted as "Site Access") are provided at the embankments of AFVFP1 and SP1.
 - Fence gates provided at the Forebay (12' wide near inlet box, SP1 (12' wide near aggregate surfacing on downstream end) and SP2 (4' wide near outlet structure).

AS-BUILT DRAWING

MILK RUN AMD TREATMENT SYSTEM

ALLEGHENY COUNTY CONSERVATION DISTRICT

MONTOUR RUN WATERSHED ASSOCIATION

North Fayette Township, Allegheny County, Pennsylvania
40° 26' 36.69", -80° 12' 43.35"
Scale: 1" = 60' October 2019

BioMost, Inc., Mars, Pennsylvania
Mining and Reclamation Services www.biomost.com