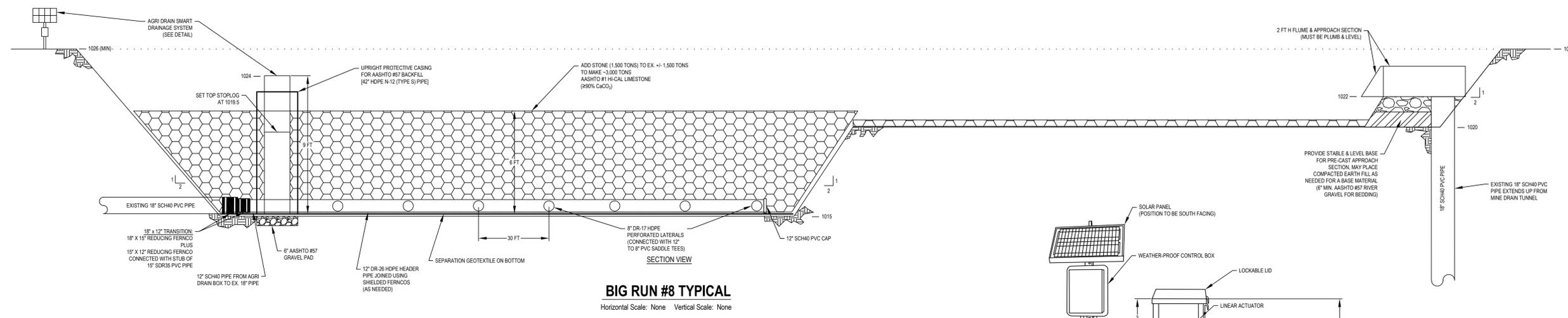
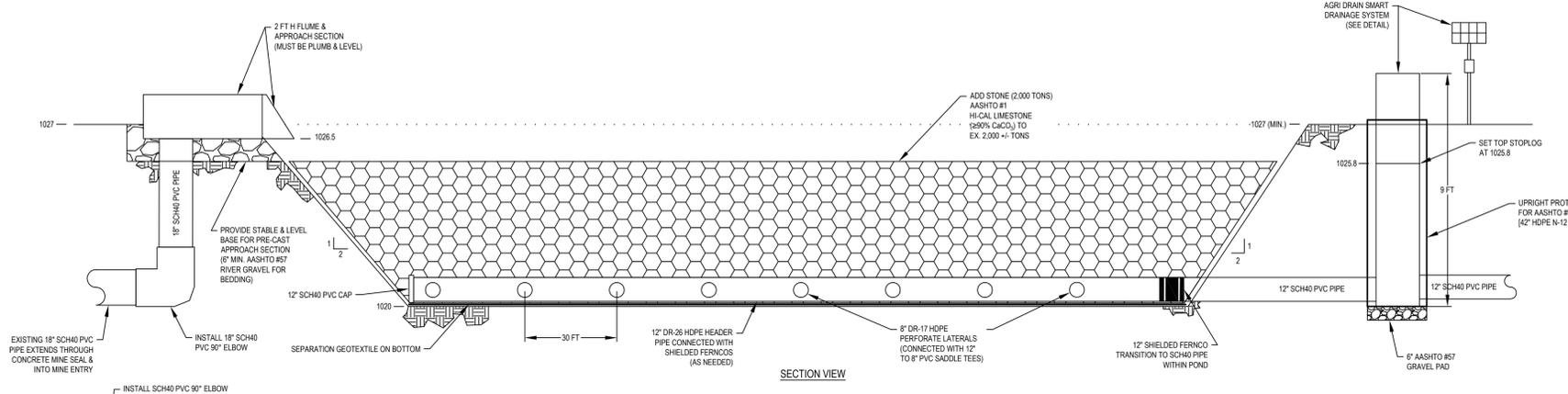


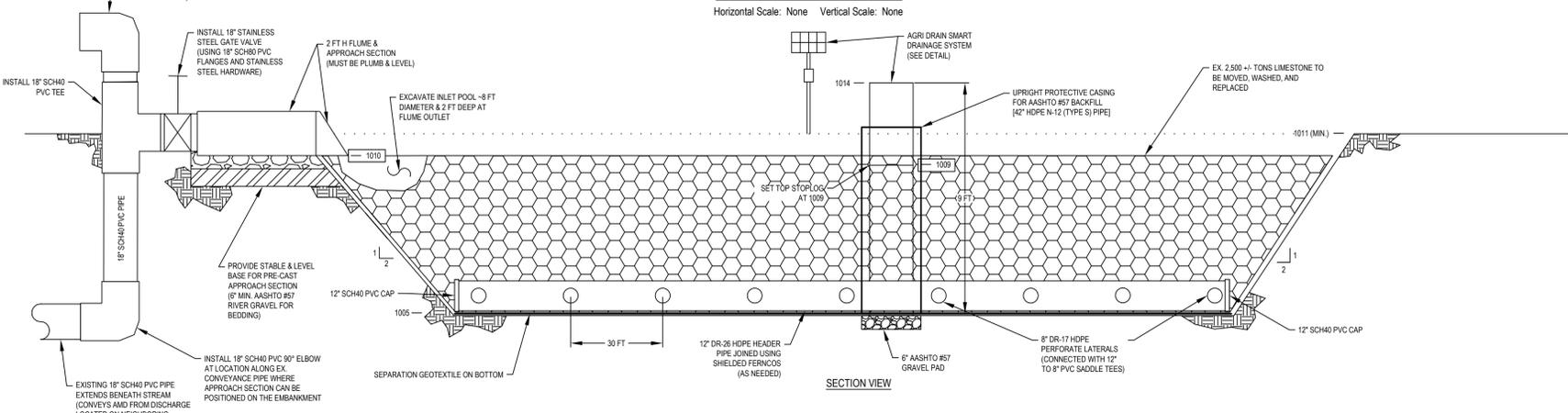
8" HDPE DR-17 PIPE PERF. DETAIL
(UNDERDRAIN LATERAL PIPES)
Horizontal Scale: None Vertical Scale: None
NOTE: USE 8" SHIELDED FERNICOS TO ASSEMBLE LATERALS AS NEEDED TO UTILIZE CUT OFF LENGTHS IN #7 AND #8 AFWPPS.
8" SCH40 CAPS TO BE PLACED ON ALL 8" LATERALS



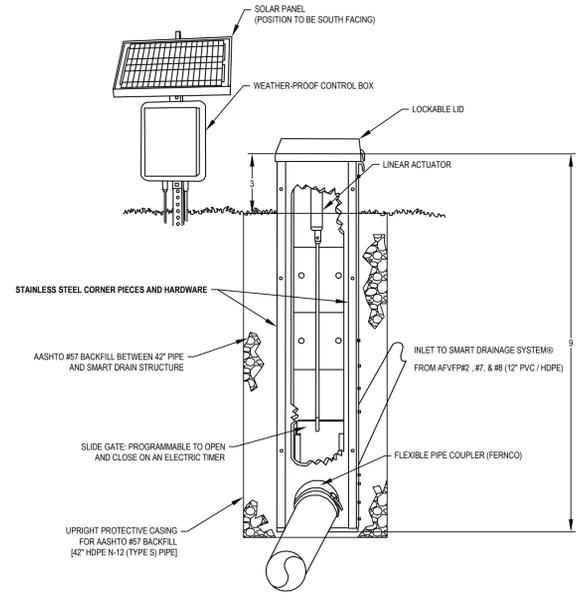
BIG RUN #8 TYPICAL
Horizontal Scale: None Vertical Scale: None



BIG RUN #7 TYPICAL
Horizontal Scale: None Vertical Scale: None

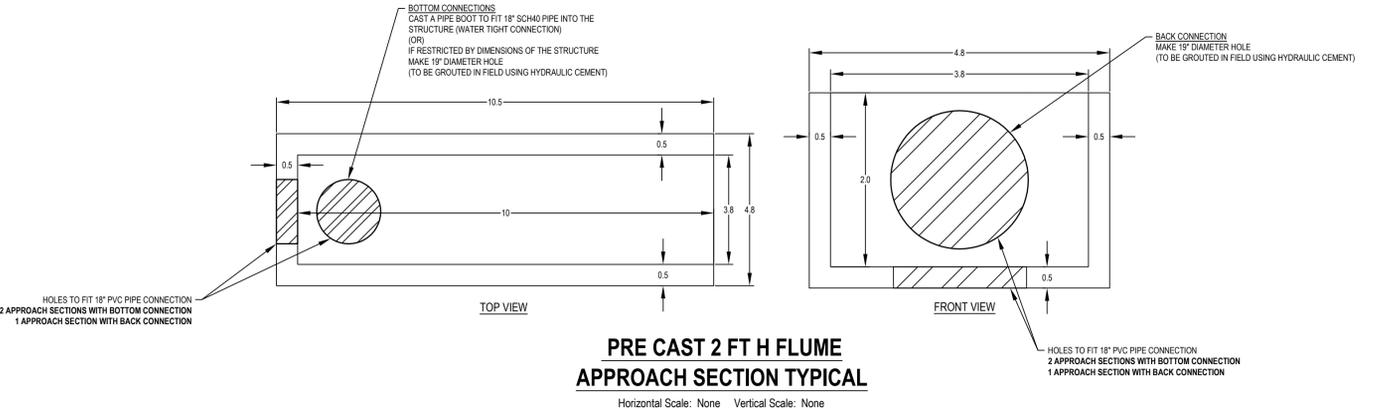


BIG RUN #2 TYPICAL
Horizontal Scale: None Vertical Scale: None

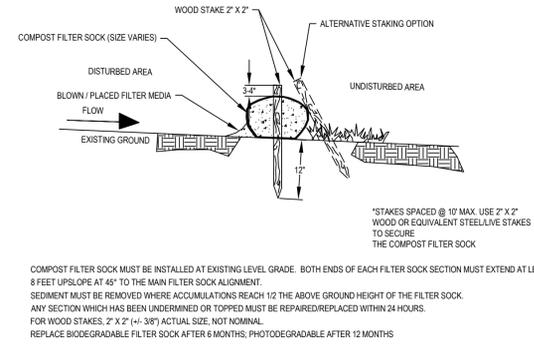


AUTO-FLUSH SYSTEM
AGRI DRAIN SMART DRAINAGE SYSTEM®
Horizontal Scale: None Vertical Scale: None

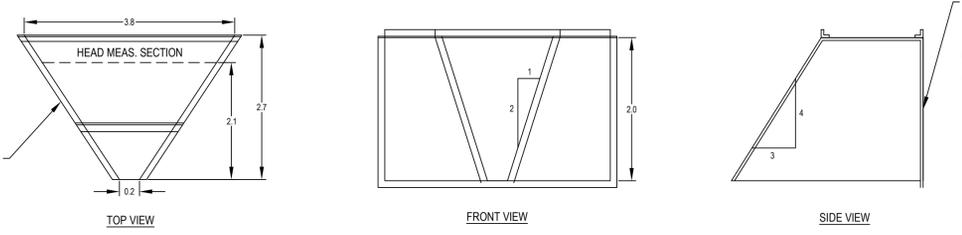
NOTE: POSITION THE SMART DRAIN SYSTEMS SO THAT APPX 3' OF FLOW CONTROL BOX STRUCTURE IS ABOVE FINAL GRADE.
SPECIAL ORDER STAINLESS STEEL HARDWARE, DUE TO CORROSIVE WATER.
INSTALL CULVERT PIPE (STANDING UPRIGHT) AS PROTECTIVE CASING (PROVIDE CUSTOM BOTTOM CUT-OUTS FOR PIPE) AND BACKFILL ANNULUS EVENLY WITH INERT AGGREGATE TO FINAL GRADE



PRE CAST 2 FT H FLUME APPROACH SECTION TYPICAL
Horizontal Scale: None Vertical Scale: None



COMPOST FILTER SOCK
Horizontal Scale: None Vertical Scale: None



2 FT H FLUME TYPICAL
Horizontal Scale: None Vertical Scale: None

NOTE: EACH FLUME WILL BE FITTED WITH A HOBO 13-FOOT FRESH WATER LEVEL DATA LOGGER (PRESSURE TRANSDUCER) TO RECORD FLOW MEASUREMENT DATA.
5 TOTAL LOGGERS WILL BE PROVIDED ALONG WITH THE SOFTWARE PACKAGE & USB BASE STATION.

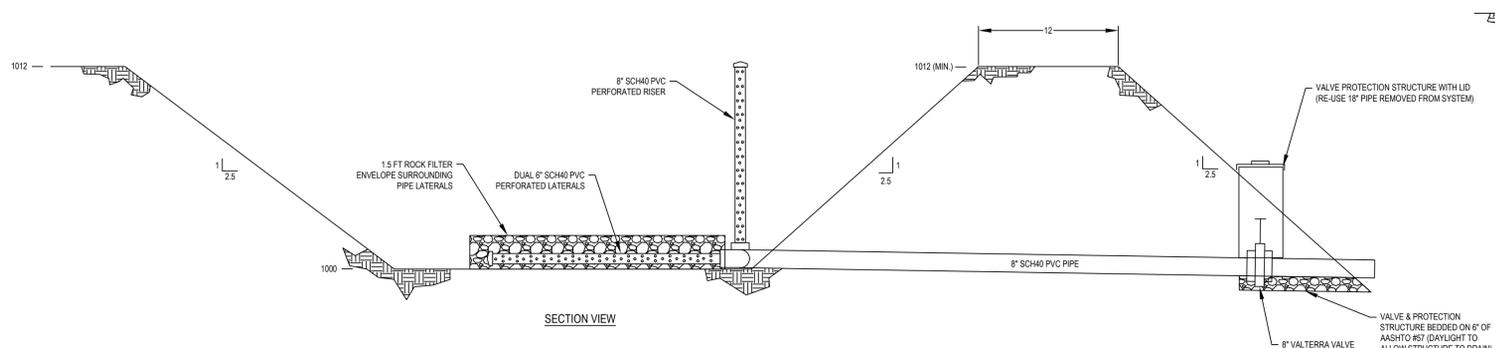
SHEET 2 of 3 CONSTRUCTION DETAILS

Details

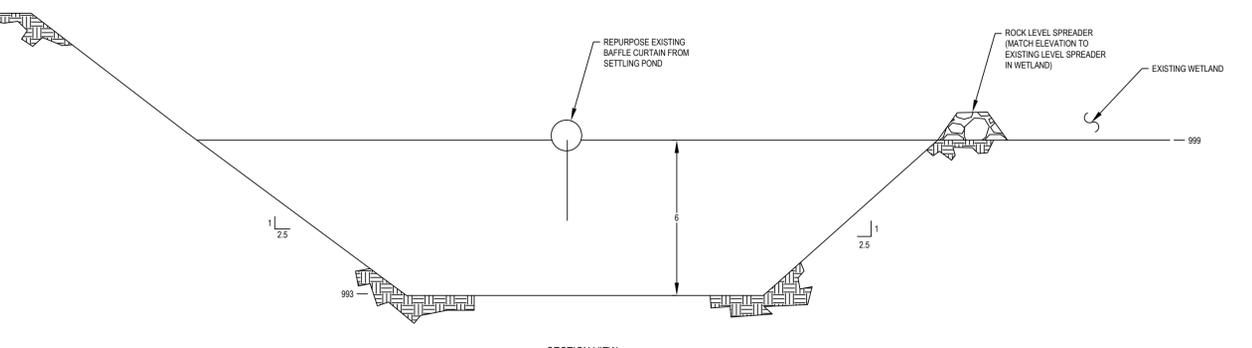
BLACKLEGGS CREEK WATERSHED ASSOCIATION

Big Run AMD Treatment System Rehabilitation Discharges (#2, 3, 7, 8)

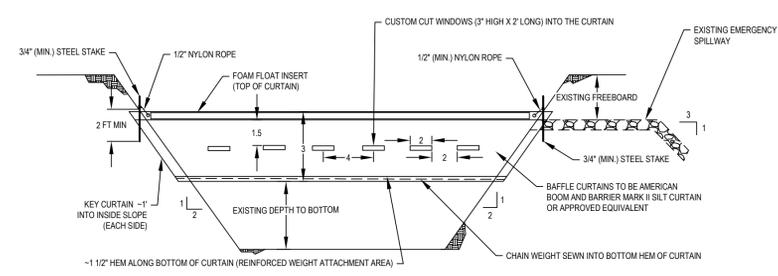
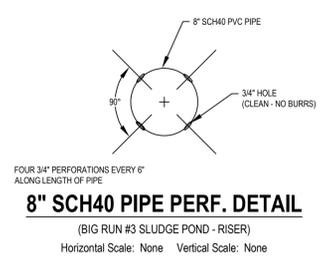
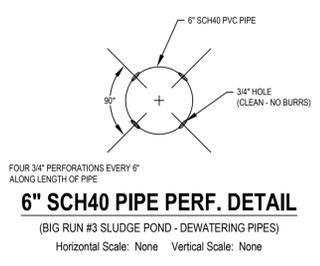
Big Run Subwatershed - Blackleggs Creek Watershed
Conemaugh Township, Indiana County, PA
Scale: As Shown October 2018
BioMost, Inc. Mining and Reclamation Services
Mars, PA www.biomost.com



BIG RUN #3 SLUDGE POND TYPICAL
Horizontal Scale: None Vertical Scale: None



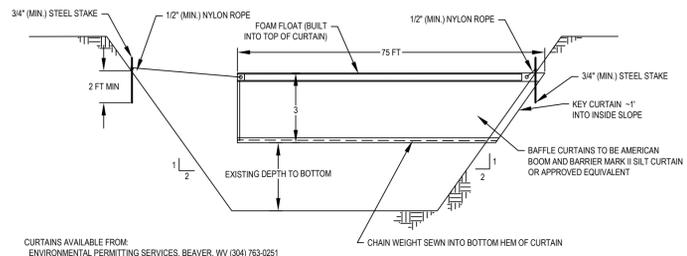
BIG RUN #3 WETLAND INLET POOL TYPICAL
Horizontal Scale: None Vertical Scale: None



CURTAINS AVAILABLE FROM:
ENVIRONMENTAL PERMITTING SERVICES, BEAVER, WV (304) 763-0251
ABC INDUSTRIES, WARSAW, IN (800) 426-0921
CHEMSTREAM, STOVSTOWN, PA (814) 628-7118
JMD COMPANY, BETHEL PARK, PA (412) 633-7100
AMERICAN BOOM & BARRIER, CAPE CANAVERAL, FL (321) 784-2110

SYSTEM #2 SETTLING POND (WINDOWED BAFFLE CURTAIN)

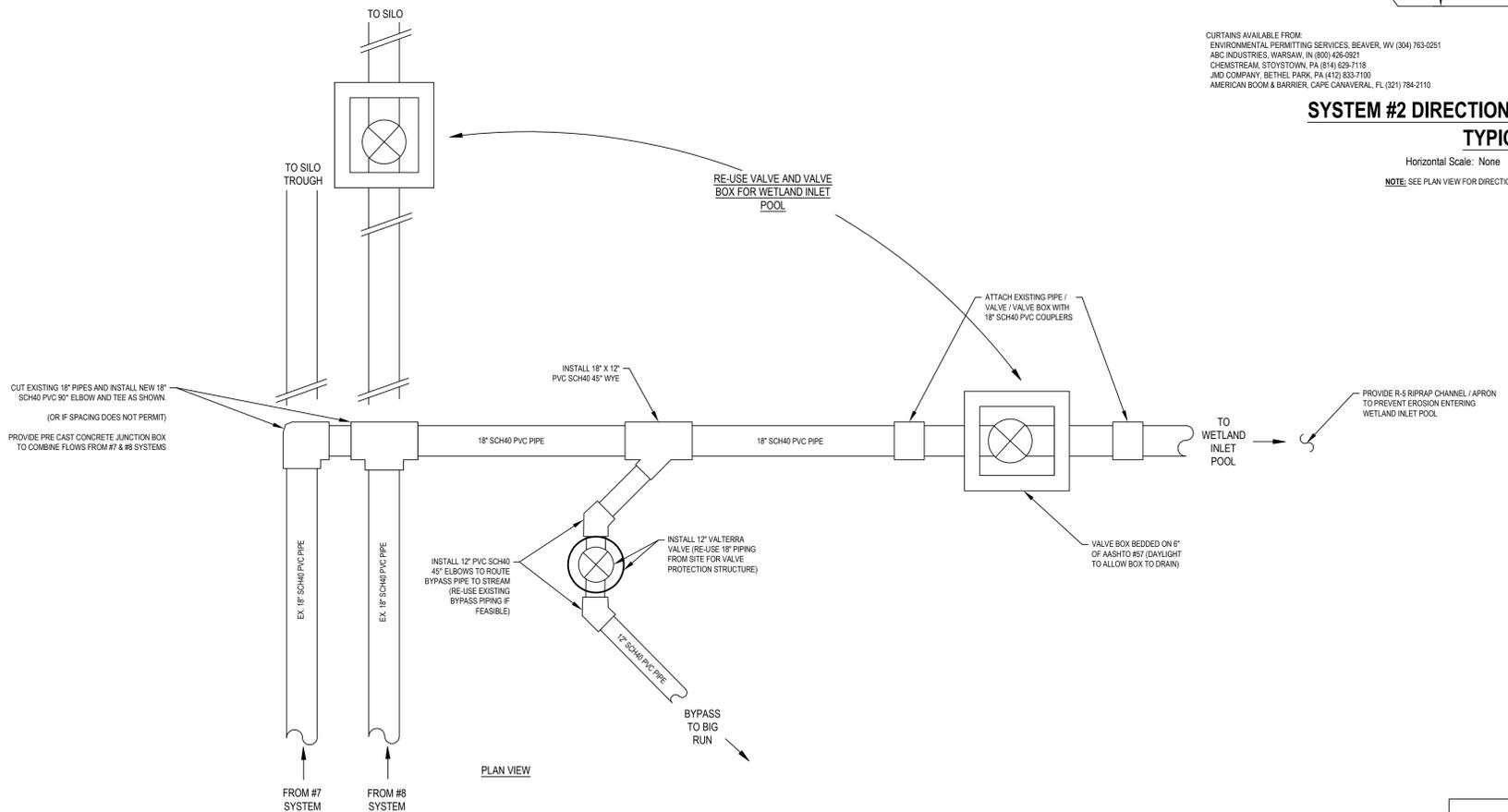
Horizontal Scale: None Vertical Scale: None
NOTES: SEE PLAN VIEW FOR BAFFLE CURTAIN LOCATION.
CUT 3 SIDES FOR EACH WINDOW (TOP AND BOTH SIDES) SO WINDOW FLAP CAN BE TIED UP TO ALLOW FOR CUSTOMIZED WINDOW LOCATIONS IN THE FUTURE.



CURTAINS AVAILABLE FROM:
ENVIRONMENTAL PERMITTING SERVICES, BEAVER, WV (304) 763-0251
ABC INDUSTRIES, WARSAW, IN (800) 426-0921
CHEMSTREAM, STOVSTOWN, PA (814) 628-7118
JMD COMPANY, BETHEL PARK, PA (412) 633-7100
AMERICAN BOOM & BARRIER, CAPE CANAVERAL, FL (321) 784-2110

SYSTEM #2 DIRECTIONAL BAFFLE CURTAIN TYPICAL

Horizontal Scale: None Vertical Scale: None
NOTE: SEE PLAN VIEW FOR DIRECTIONAL BAFFLE CURTAIN LOCATION



BIG RUN #3 PIPE RECONFIGURATION LAYOUT

Horizontal Scale: None Vertical Scale: None

NOTES:
- CAP / SHUT-OFF OR DISCONNECT 3" LIME DOSER HYDRAULIC FEED LINE (DISCONTINUING USE OF SILO)
- ALTERNATE CONFIGURATIONS WILL BE ACCEPTABLE AS THE SPACING ETC. OF EXISTING BURIED PIPING IS NOT KNOWN.

SHEET 3 of 3	CONSTRUCTION DETAILS
Details	
BLACKLEGGS CREEK WATERSHED ASSOCIATION	
Big Run AMD Treatment System Rehabilitation Discharges (#2, 3, 7, 8)	
Big Run Subwatershed - Blackleggs Creek Watershed Conemaugh Township, Indiana County, PA	
Scale: As Shown October 2018	
BioMost, Inc. Mining and Reclamation Services Mars, PA www.biomost.com	