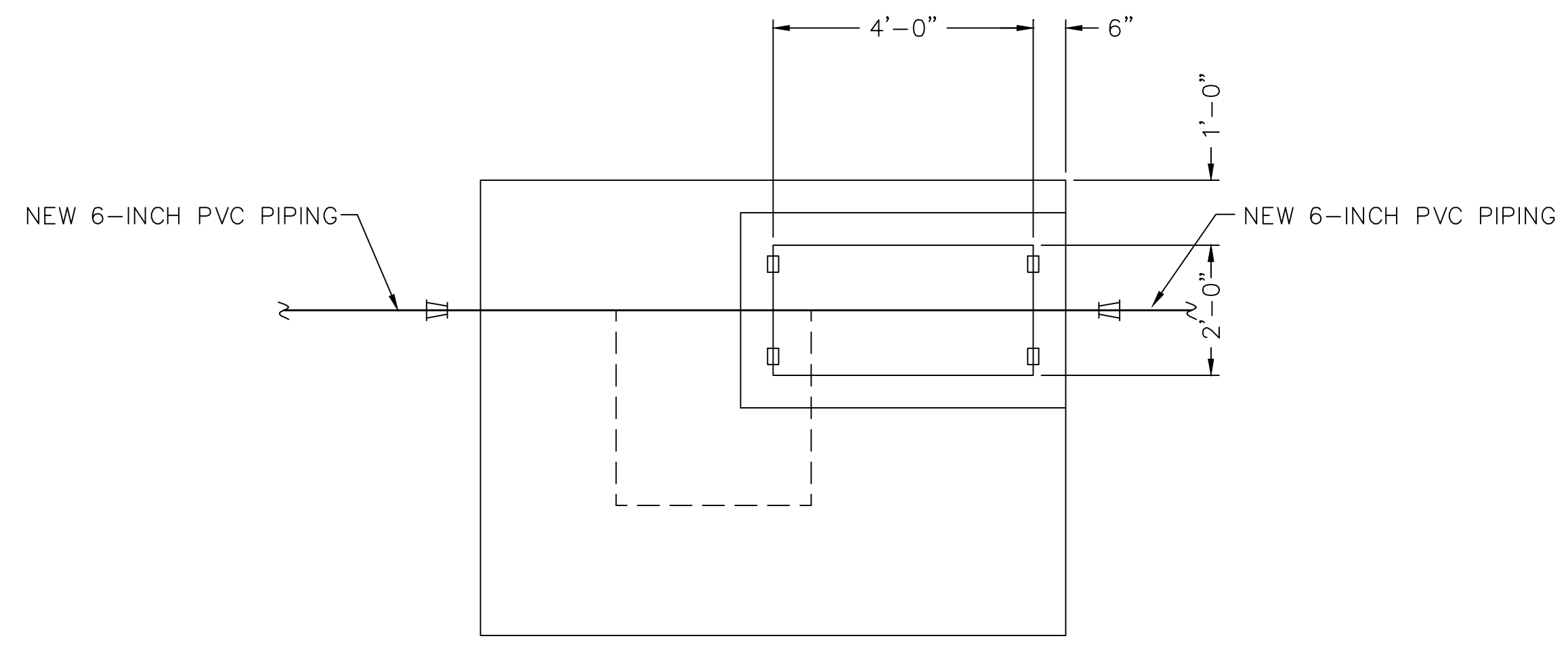
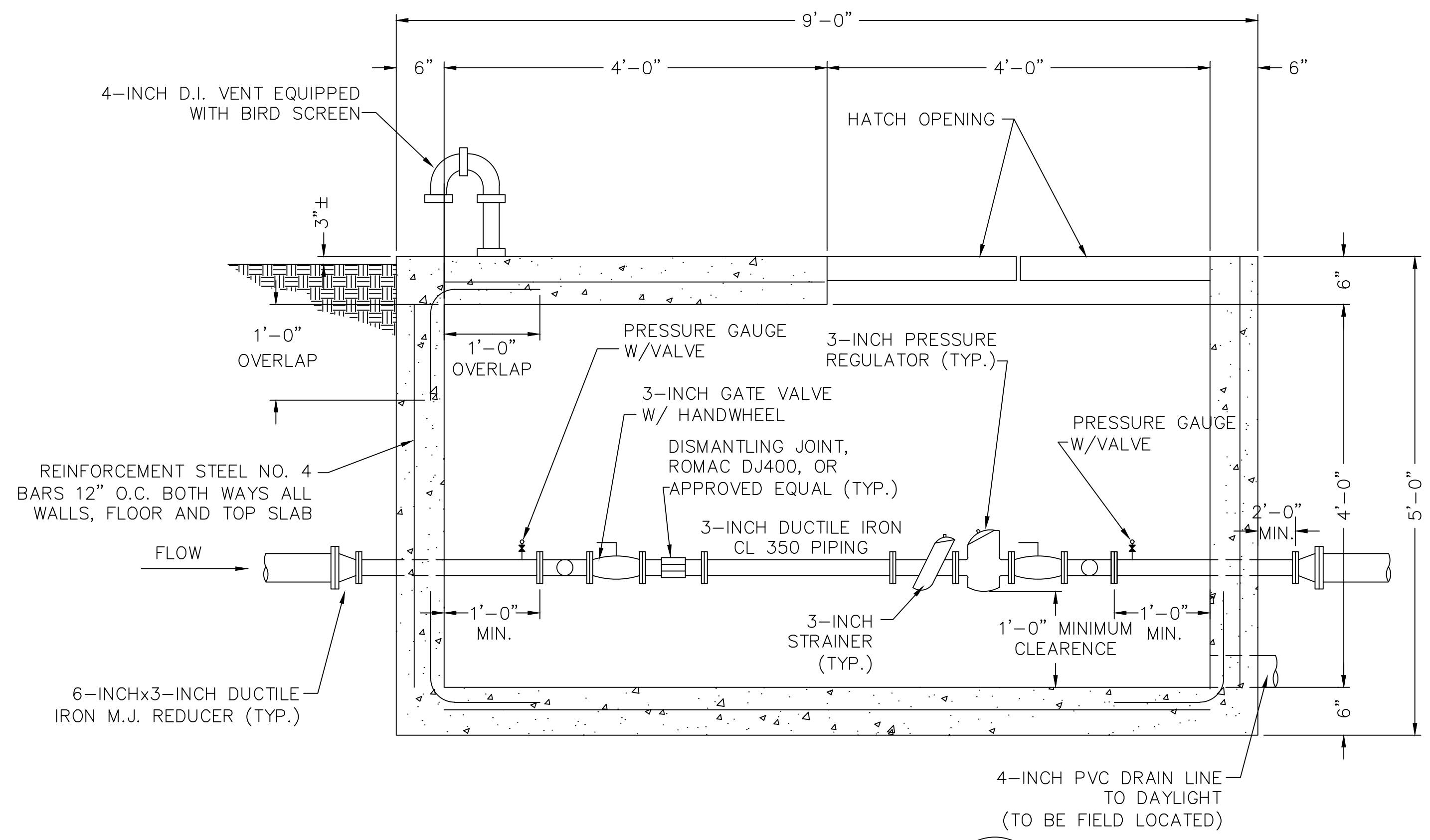


PLAN VIEW



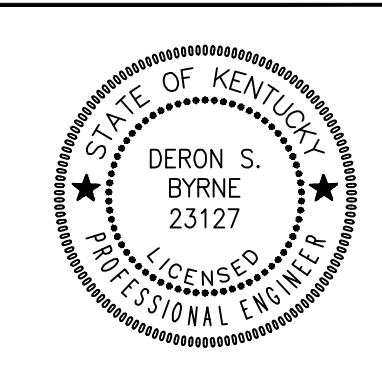
PLAN OF HATCH OPENING DETAIL FOR PRESSURE REGULATING STATION



SECTION A-PRV-1

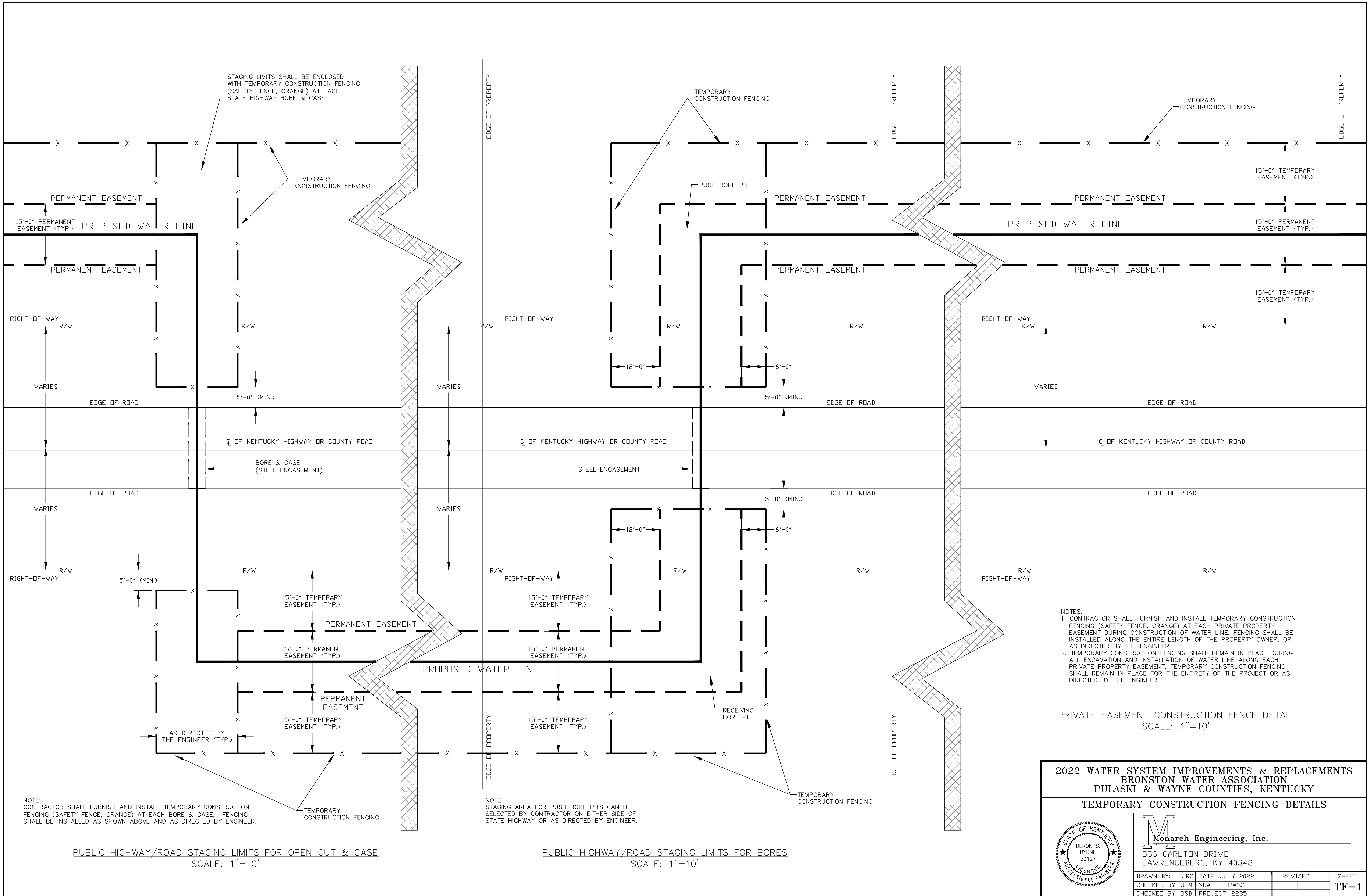
PRESSURE REGULATING VALVE SETTING CHART		
LOCATION	INLET PSI	SET POINT
PRIMARY (HIGH FLOWS)	60-160	40
SECONDARY (LOW FLOWS)	60-160	45

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS  
 BRONSTON WATER ASSOCIATION  
 PULASKI & WAYNE COUNTIES, KENTUCKY  
 KY HIGHWAY 790 PRESSURE REDUCING VALVE STATION



Monarch Engineering, Inc.  
 556 CARLTON DRIVE  
 LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: JLM	SCALE: 1"=1'-0"		PRV-1
CHECKED BY: DSB	PROJECT: 2235		



- NOTES:
1. CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH PRIVATE PROPERTY EASEMENT DURING CONSTRUCTION OF WATER LINE. FENCING SHALL BE INSTALLED ALONG THE ENTIRE LENGTH OF THE PROPERTY OWNER, OR AS DIRECTED BY THE ENGINEER.
  2. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE DURING ALL EXCAVATION AND INSTALLATION OF WATER LINE ALONG EACH PRIVATE PROPERTY EASEMENT. TEMPORARY CONSTRUCTION FENCING SHALL REMAIN IN PLACE FOR THE ENTIRETY OF THE PROJECT OR AS DIRECTED BY THE ENGINEER.

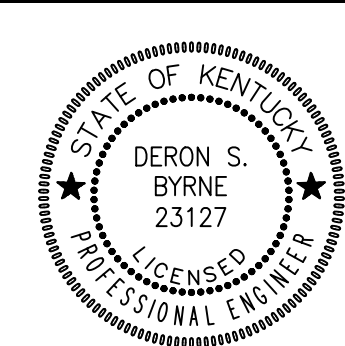
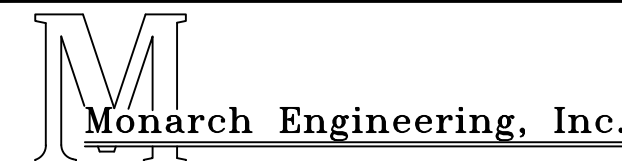
PRIVATE EASEMENT CONSTRUCTION FENCE DETAIL  
SCALE: 1"=10'

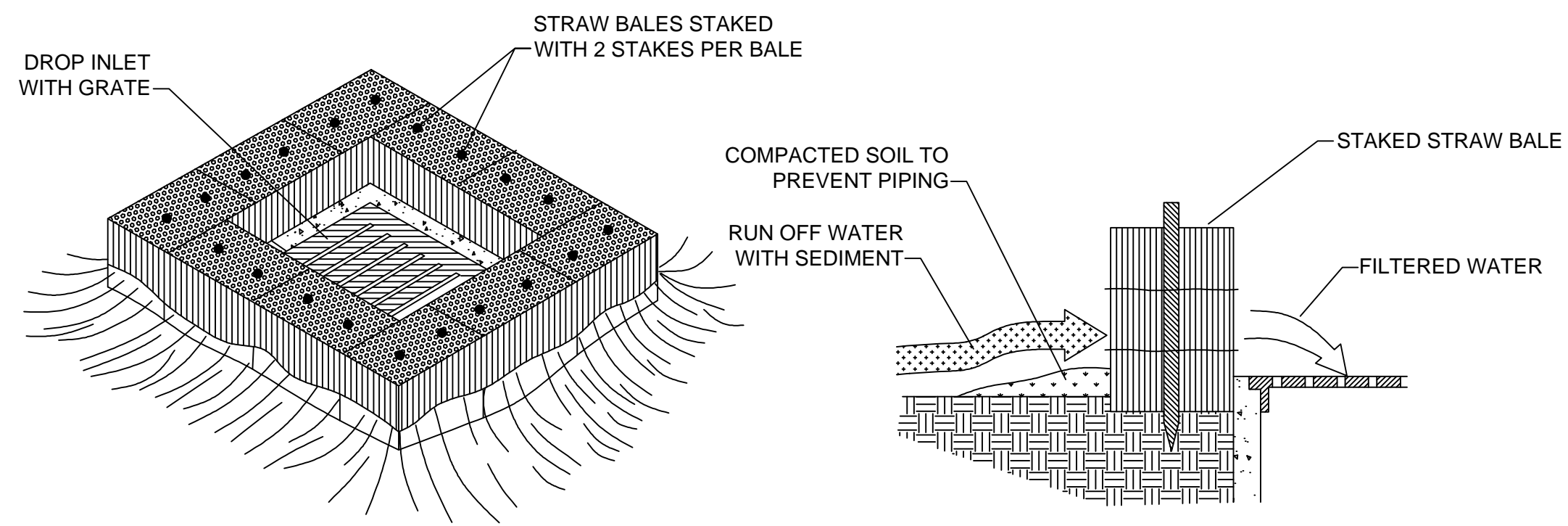
NOTE:  
CONTRACTOR SHALL FURNISH AND INSTALL TEMPORARY CONSTRUCTION FENCING (SAFETY FENCE, ORANGE) AT EACH BORE & CASE. FENCING SHALL BE INSTALLED AS SHOWN ABOVE AND AS DIRECTED BY ENGINEER.

NOTE:  
STAGING AREA FOR PUSH BORE PITS CAN BE SELECTED BY CONTRACTOR ON EITHER SIDE OF STATE HIGHWAY OR AS DIRECTED BY ENGINEER.

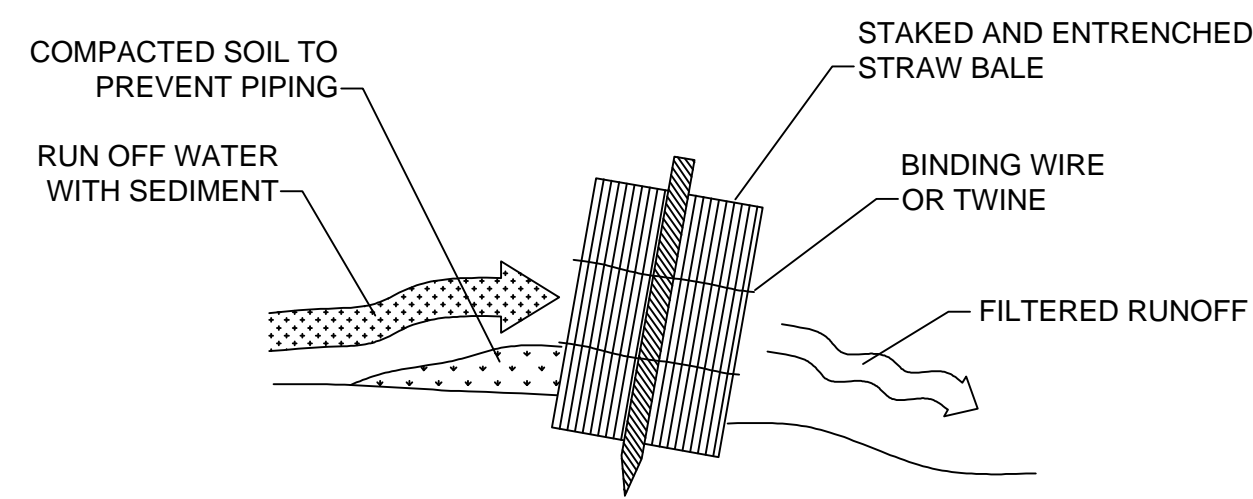
PUBLIC HIGHWAY/ROAD STAGING LIMITS FOR OPEN CUT & CASE  
SCALE: 1"=10'

PUBLIC HIGHWAY/ROAD STAGING LIMITS FOR BORES  
SCALE: 1"=10'

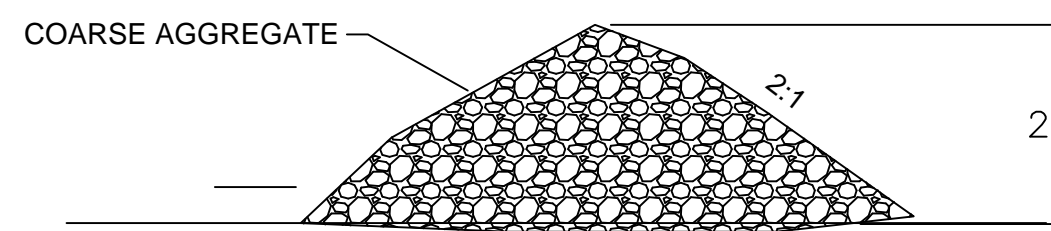
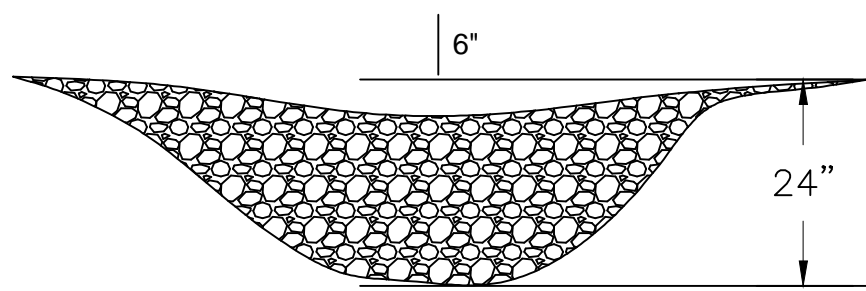
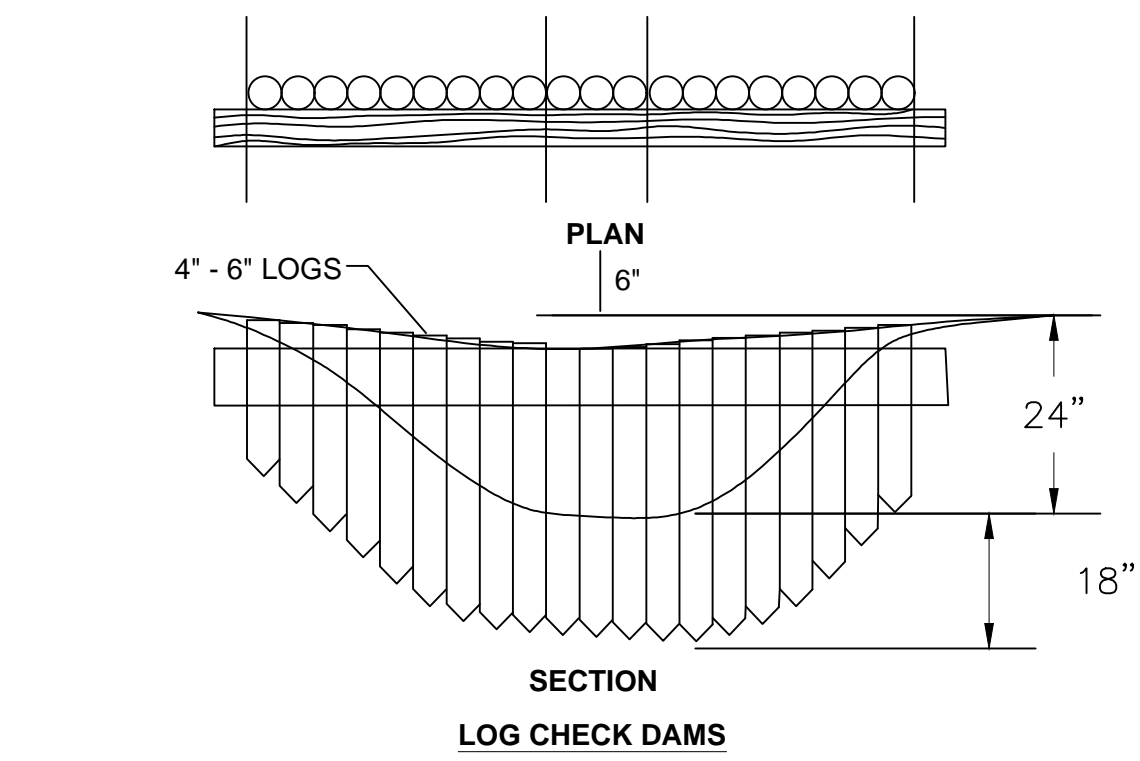
<b>2022 WATER SYSTEM IMPROVEMENTS &amp; REPLACEMENTS</b> <b>BRONSTON WATER ASSOCIATION</b> <b>PULASKI &amp; WAYNE COUNTIES, KENTUCKY</b>			
<b>TEMPORARY CONSTRUCTION FENCING DETAILS</b>			
		 <b>Monarch Engineering, Inc.</b> 556 CARLTON DRIVE LAWRENCEBURG, KY 40342	
DRAWN BY: JRC	DATE: JULY 2022	REVISED:	SHEET
CHECKED BY: JLM	SCALE: 1"=10'		TF-1
CHECKED BY: DSB	PROJECT: 2235		



**STRAW BALE DROP INLET SEDIMENT FILTER**  
N.T.S.

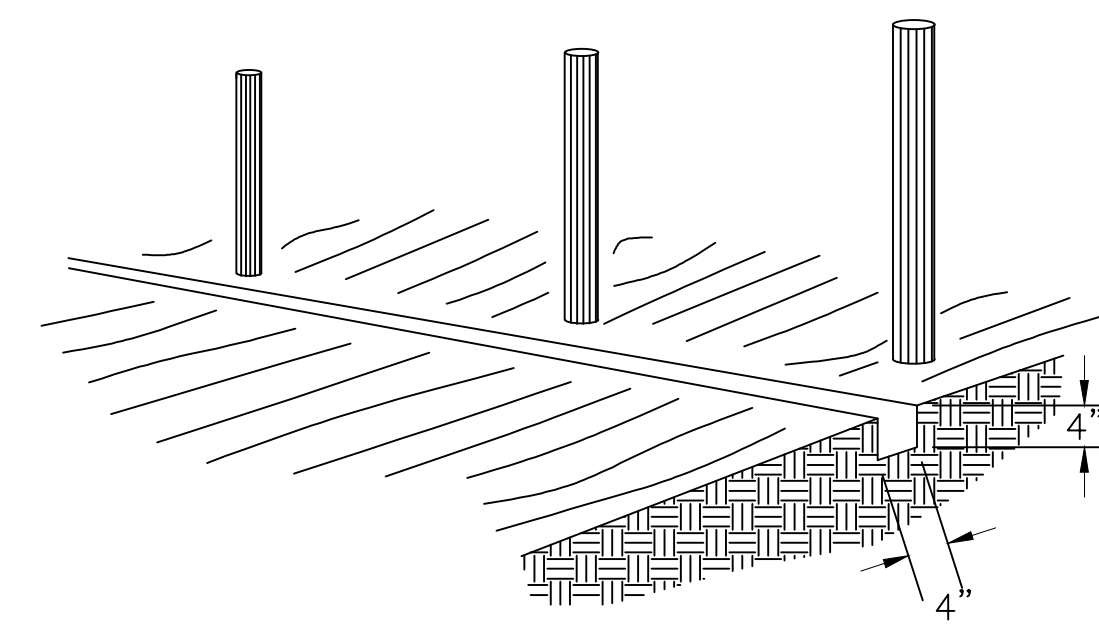


**STRAW BALE INSTALLATION PROCEDURES**  
N.T.S.

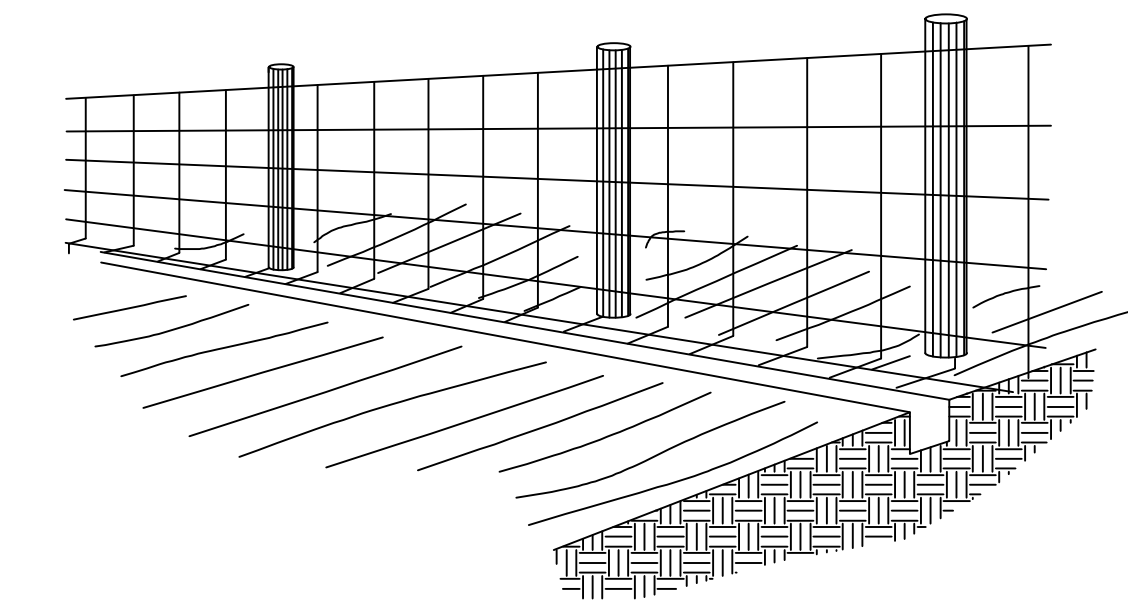


L = THE DISTANCE SUCH THAT POINTS  
A AND B ARE OF EQUAL ELEVATION

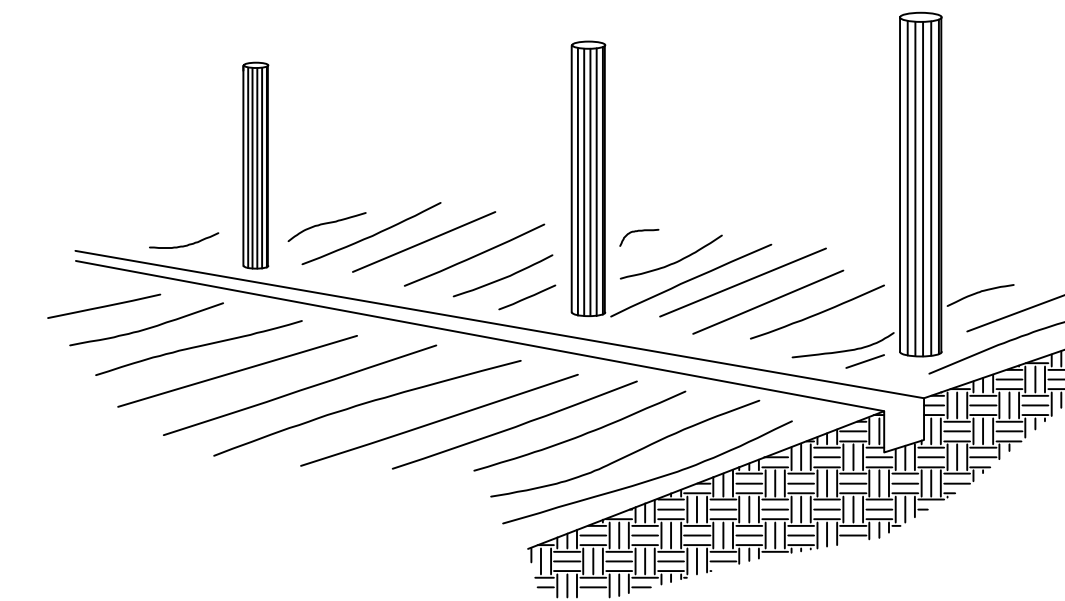
**CHECK DAM DETAILS**  
N.T.S.



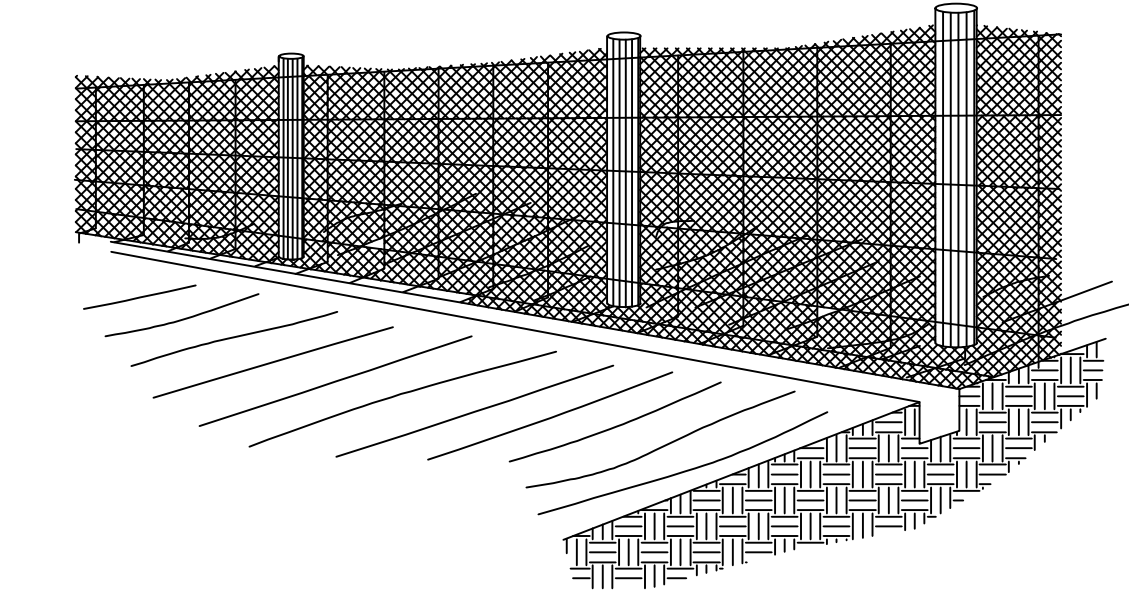
1. SET POSTS AND EXCAVATE A 4" x 4" TRENCH UPSLOPE ALONG THE LINE OF POSTS



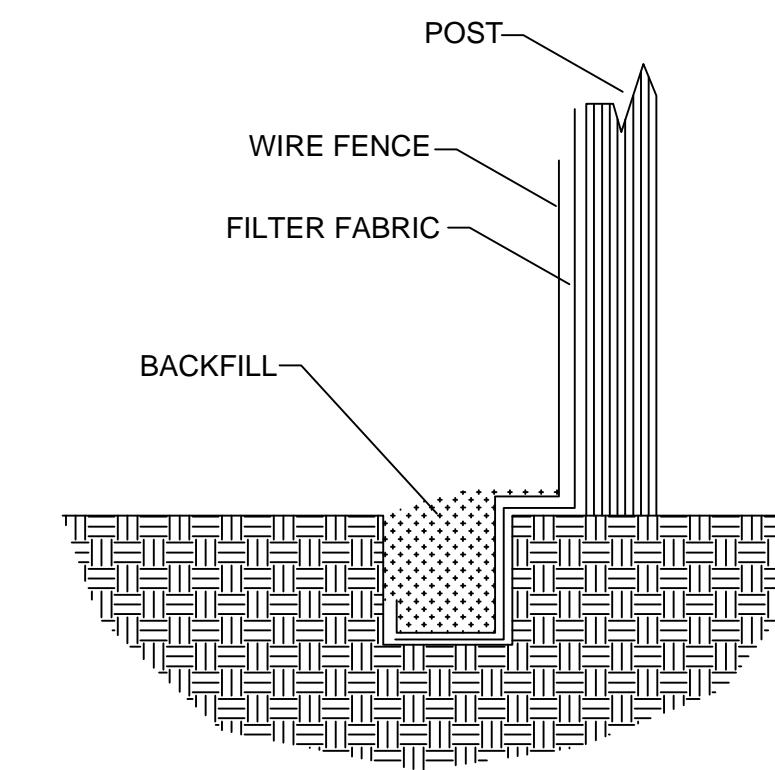
2. STAPLE WIRE FENCING TO POSTS



3. ATTACH THE FILTER FABRIC TO THE WIRE FENCE AND EXTEND IT INTO THE TRENCH

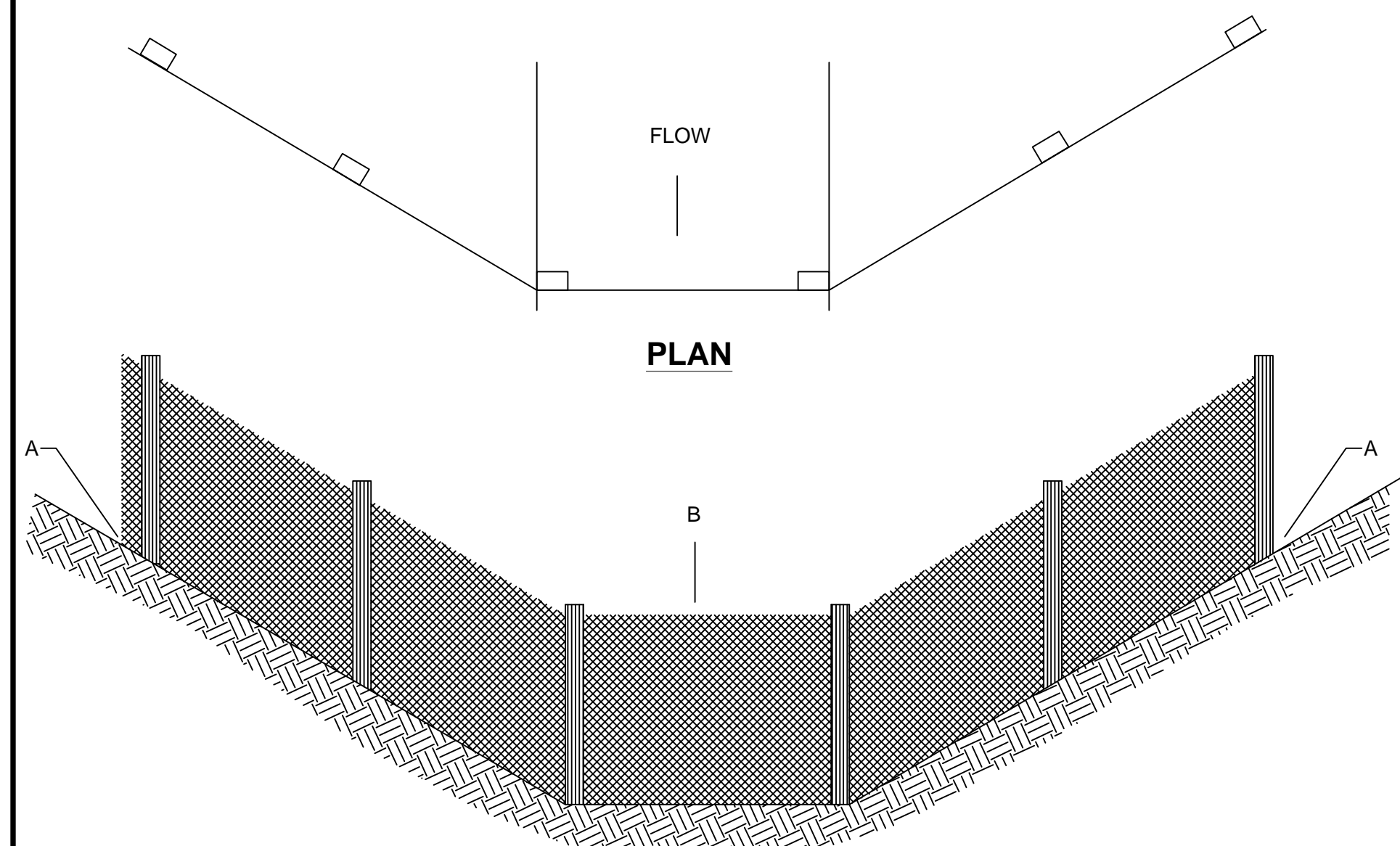


4. BACKFILL AND COMPACT THE EXCAVATED SOIL



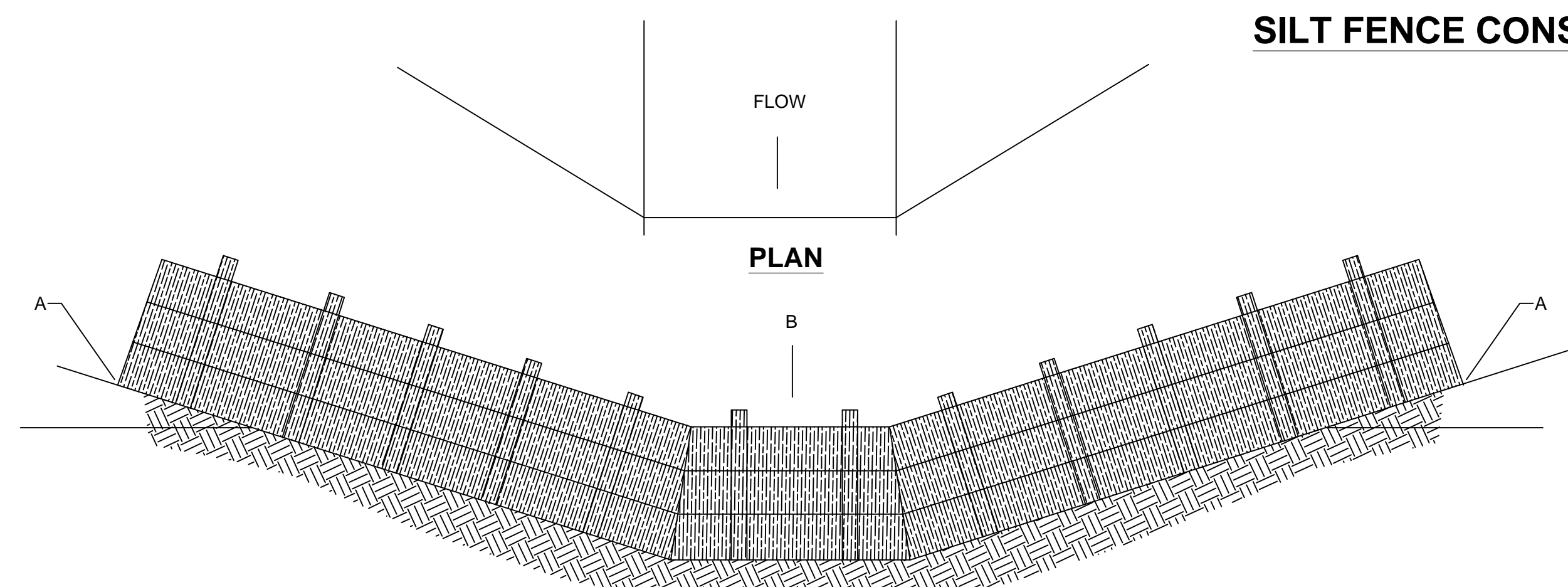
EXTENSION OF FABRIC AND WIRE INTO THE TRENCH

**SILT FENCE CONSTRUCTION PROCEDURES**  
N.T.S.



POINT A SHOULD BE HIGHER THAN POINT B

**PLACEMENT OF FILTER BARRIER**  
N.T.S.



POINT A SHOULD BE HIGHER THAN POINT B

**PLACEMENT OF STRAW BALE BARRIER**  
N.T.S.

**EROSION CONTROL DETAILS**  
N.T.S.

The Contractor shall do all work and take all measures necessary to control soil erosion resulting from construction operations, and shall prevent the flow of sediment from the construction site, and shall contain construction materials (including excavation and backfill) within their protected working area so as to prevent damage to the adjacent wetlands and water courses. The Contractor shall use any of the acceptable methods necessary to control soil erosion and prevent the flow of sediment to the maximum extent possible. These methods shall include, but not be limited to, the use of water diversion structures, diversion ditches, and settling basins.

2022 WATER SYSTEM IMPROVEMENTS & REPLACEMENTS  
BRONSTON WATER ASSOCIATION  
PULASKI & WAYNE COUNTIES, KENTUCKY

EROSION CONTROL DETAILS



Monarch Engineering, Inc.  
556 CARLTON DRIVE  
LAWRENCEBURG, KY 40342

DRAWN BY: JRC	DATE: JULY 2022	REVISED	SHEET
CHECKED BY: DSB	SCALE: AS SHOWN		EC-1
CHECKED BY: DMB	PROJECT: 2235		