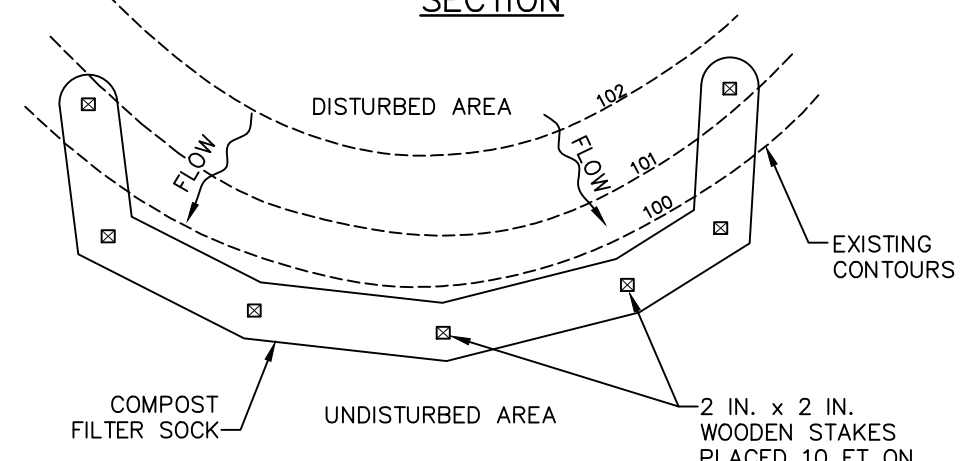


SECTION



PLAN VIEW

NOTES:

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION CONTROL MANUAL.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

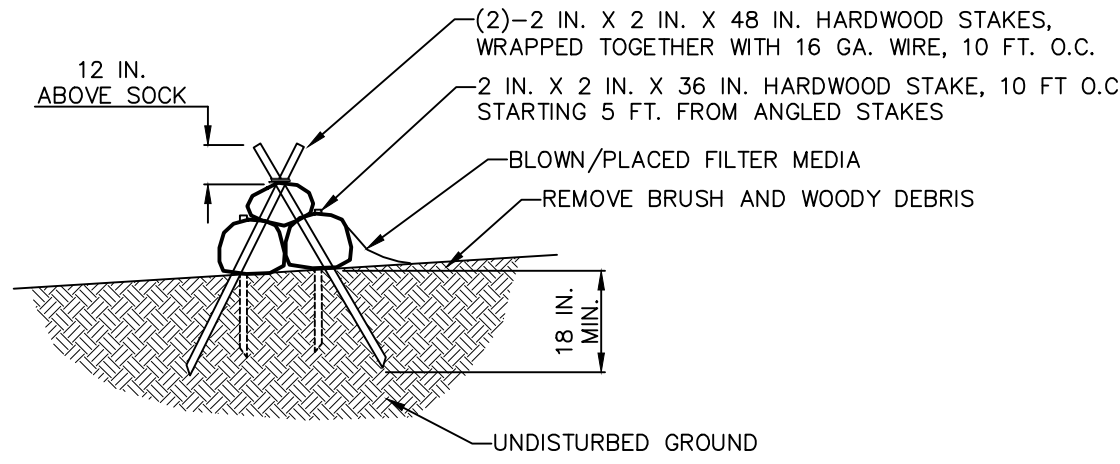
UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

STANDARD CONSTRUCTION DETAIL #4-1

COMPOST FILTER SOCK

NOT TO SCALE

COMPOST FILTER SOCK SIZING TABLE	
SOCK NO.	SOCK DIAMETER
CFS-1	TRIPLE STACK 18"
CFS-2	32"
CFS-3	18"
CFS-4	12"

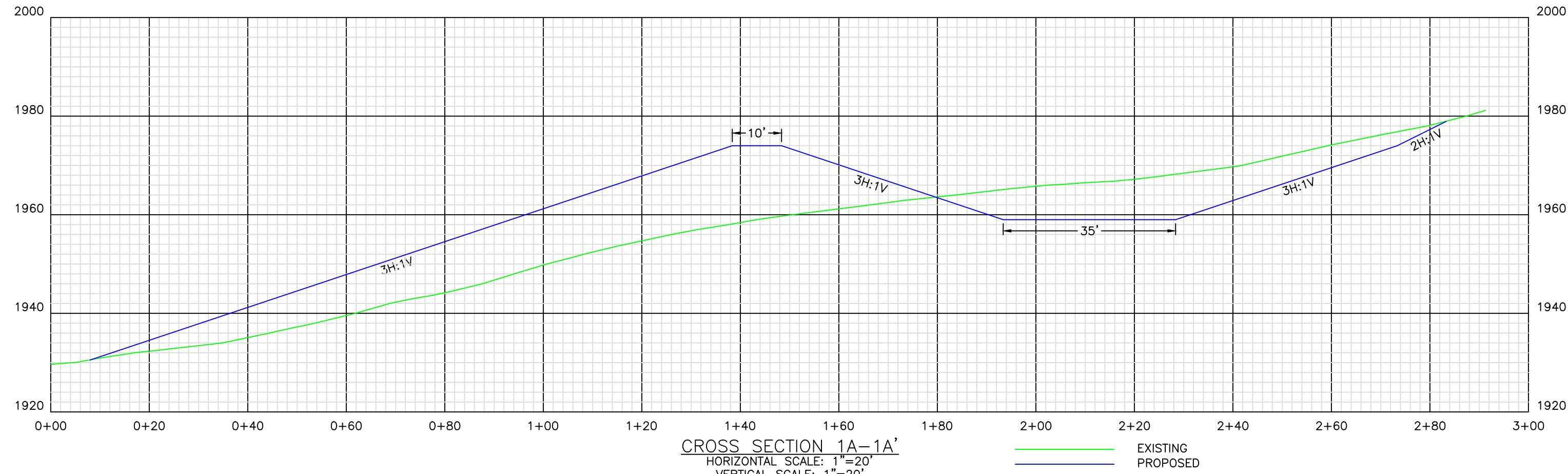
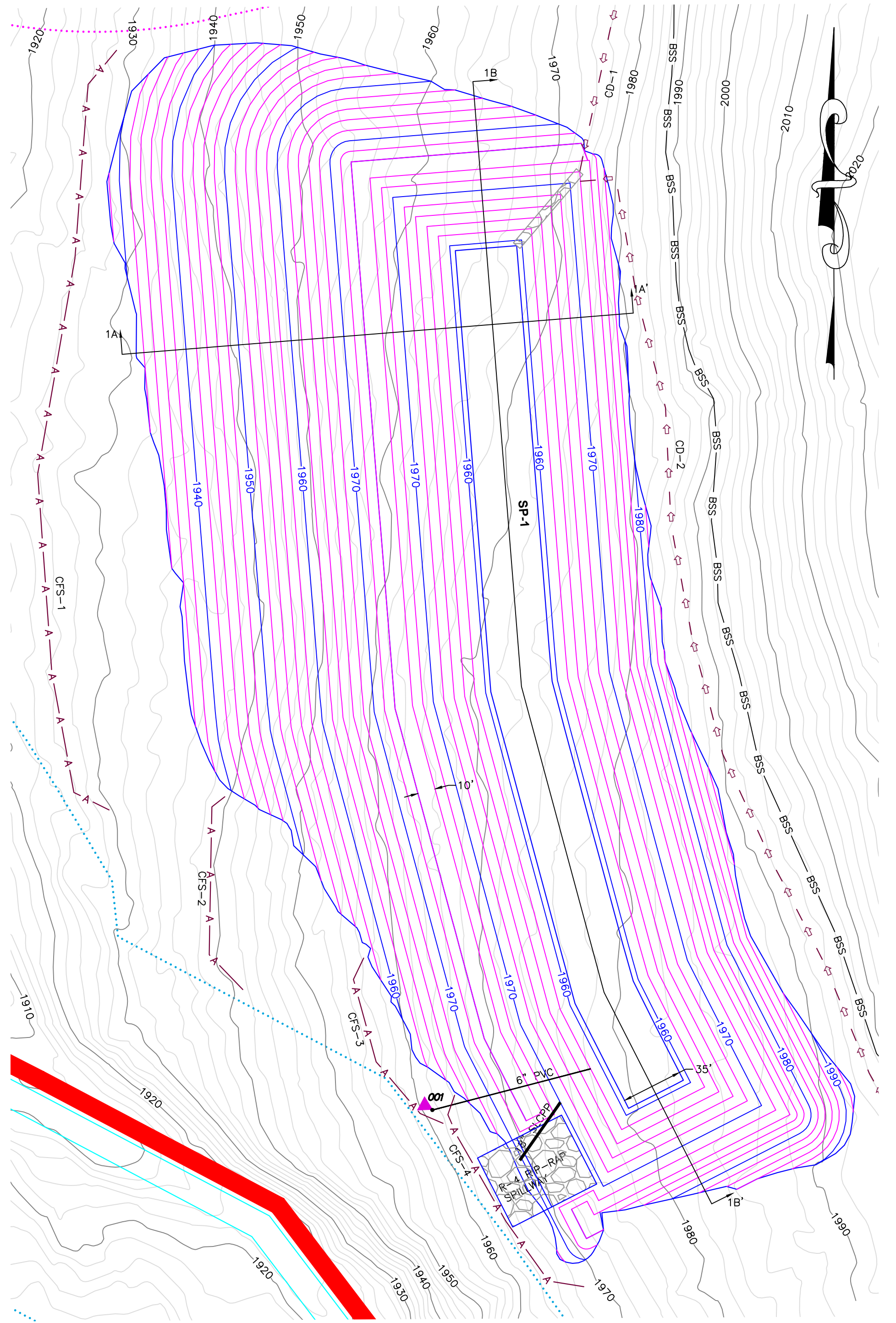
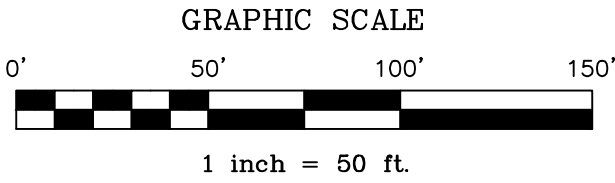


TRIPLE STACK COMPOST FILTER SOCK DETAIL

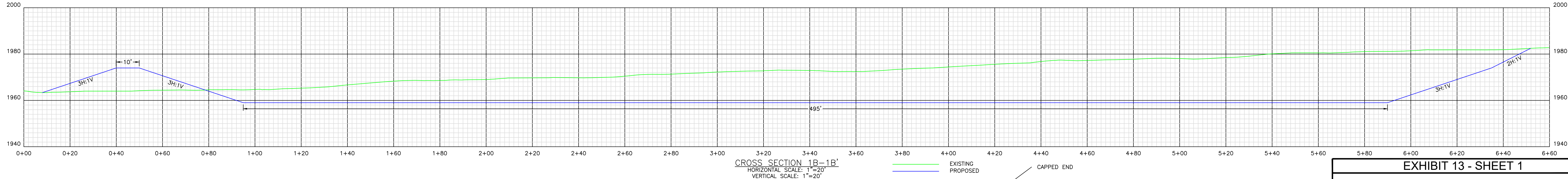
NOT TO SCALE

LEGEND

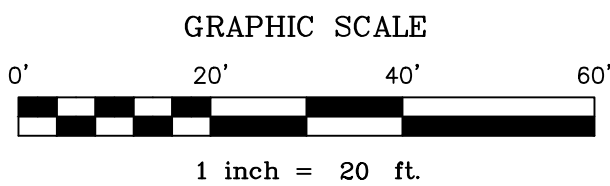
- STREAM BARRIER
- DWELLING BARRIER
- EXISTING CONTOURS (2' INTERVAL)
- STREAM
- CROP - BOTTOM OF FREEPORT SANDSTONE
- PROPOSED COLLECTION DITCH
- PROPOSED CONTOURS (2' INTERVAL)
- NPDES DISCHARGE POINT
- PROPOSED COMPOST FILTER SOCK
- PERMIT LINE



CROSS SECTION 1A-1A'
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=20'

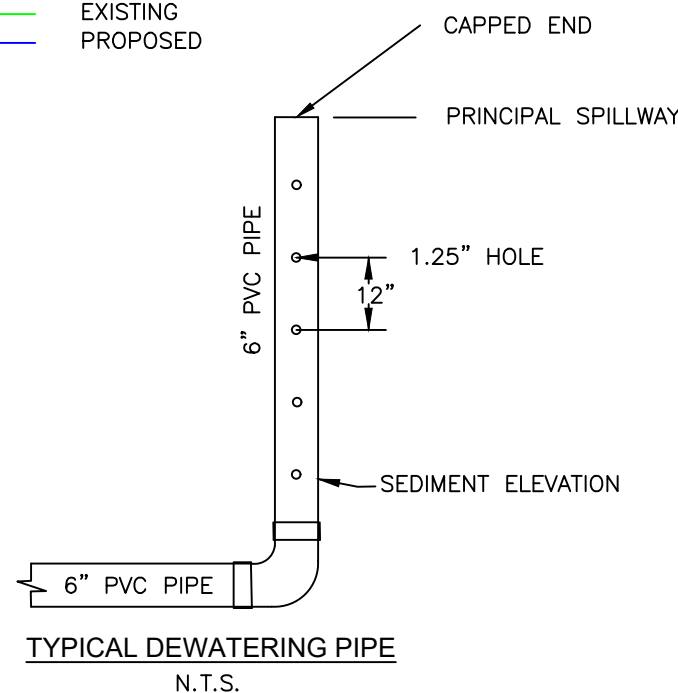
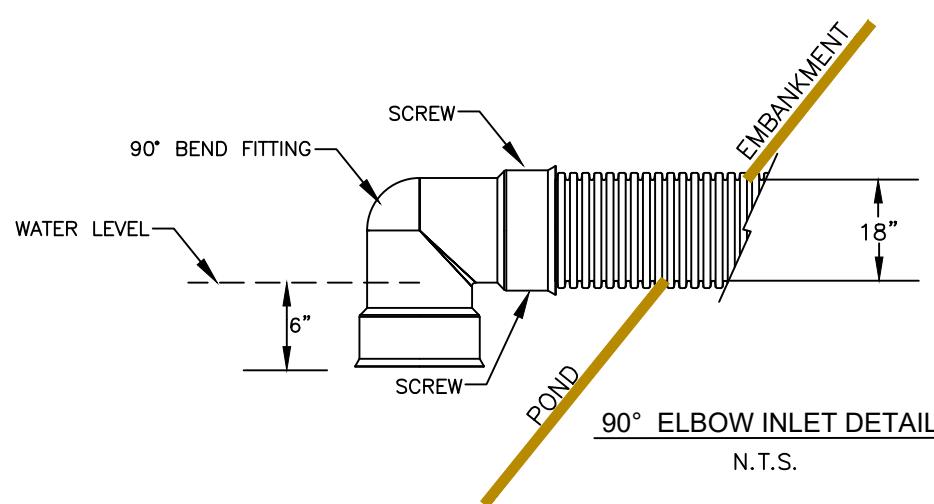


CROSS SECTION 1B-1B'
HORIZONTAL SCALE: 1"=20'
VERTICAL SCALE: 1"=20'



TRIBUTARY AREA: 55.5 ACRES
POND CAPACITY AT EMERGENCY SPILLWAY: 451,695 C.F.
(REQUIRED DEWATERING VOLUME: 277,500 C.F. (5,000 C.F./ACRE)
(REQUIRED SEDIMENT VOLUME: 111,000 C.F. (2,000 C.F./ACRE)
(POND CAPACITY AT PRINCIPAL SPILLWAY: 111,292 C.F. (2,005 C.F./ACRE)
POND CAPACITY AT PRINCIPAL SPILLWAY: 399,000 C.F.
(DEWATERING VOLUME: 287,708 C.F. (5,184 C.F./ACRE)

TOP OF POND ELEVATION: 1974.0 FEET
EMERGENCY SPILLWAY ELEVATION: 1970.9 FEET
EMERGENCY SPILLWAY WIDTH: 44 FEET
PRINCIPAL SPILLWAY ELEVATION: 1970.0 FEET
PRINCIPAL SPILLWAY SIZE: 18 INCHES
SEDIMENT CLEANOUT ELEVATION: 1963.5 FEET
BOTTOM OF POND ELEVATION: 1959.0 FEET
DEWATERING PIPE SIZE: 6 INCHES
DEWATERING PIPE PERFORATIONS: 4 HOLES/ROW OF 1.25" DIA. @ 1 FT. SPACING FROM 1963.5 TO 1967.5



A STAKE SHALL BE PLACED NEAR THE CENTER OF THE POND WITH THE CLEAN OUT ELEVATION CLEARLY MARKED ON IT.

DRAWING FILE NAME: Rockwood Quarry 2024.dwg			
NO.	DATE	DESCRIPTION	BY

EXHIBIT 13 - SHEET 1

SEDIMENT POND 1 DETAILS

ROCKWOOD STONE, LLC
ROCKWOOD QUARRY

BLACK TOWNSHIP, SOMERSET COUNTY

SCALE: 1" = 50'

DATE: 01-31-2025

Earthtech, Inc.
966 Pleasant Hill Road, Somerset, PA 15501
Telephone: (814) 266-6402
<http://www.earthtechinc.net>