

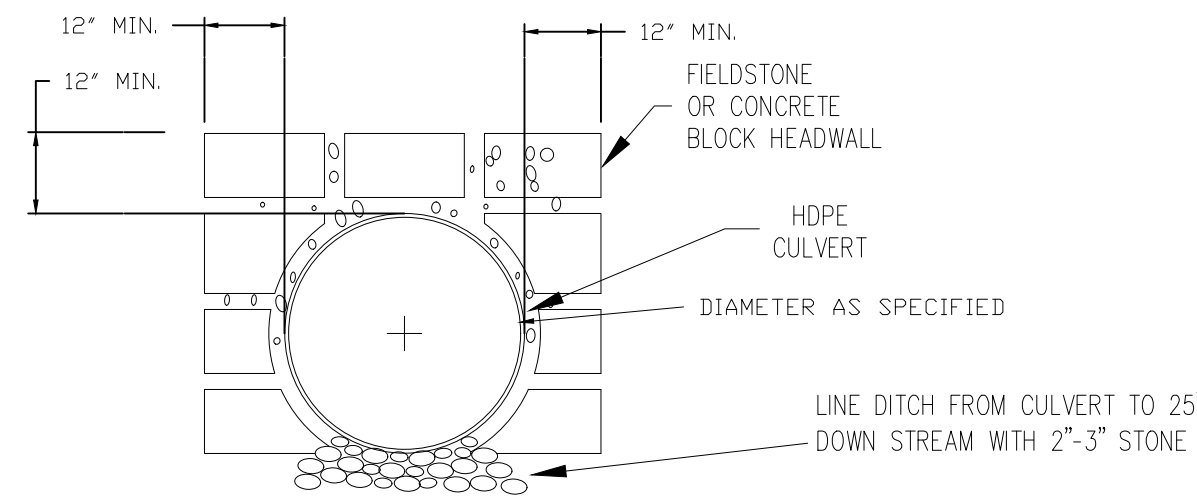
CONSTRUCTION NOTES

1. DRIVE FENCEPOSTS
2. CONSTRUCT SMALL TRENCH ON FRONT SIDE OF FENCE
3. STAPLE OR ATTACH FILTER FABRIC TO STAKE
4. ALLOWING SUFFICIENT MATERIAL FOR USE IN THE BOTTOM OF THE TRENCH
5. BURY THE FILTER CLOTH A MINIMUM OF 6"

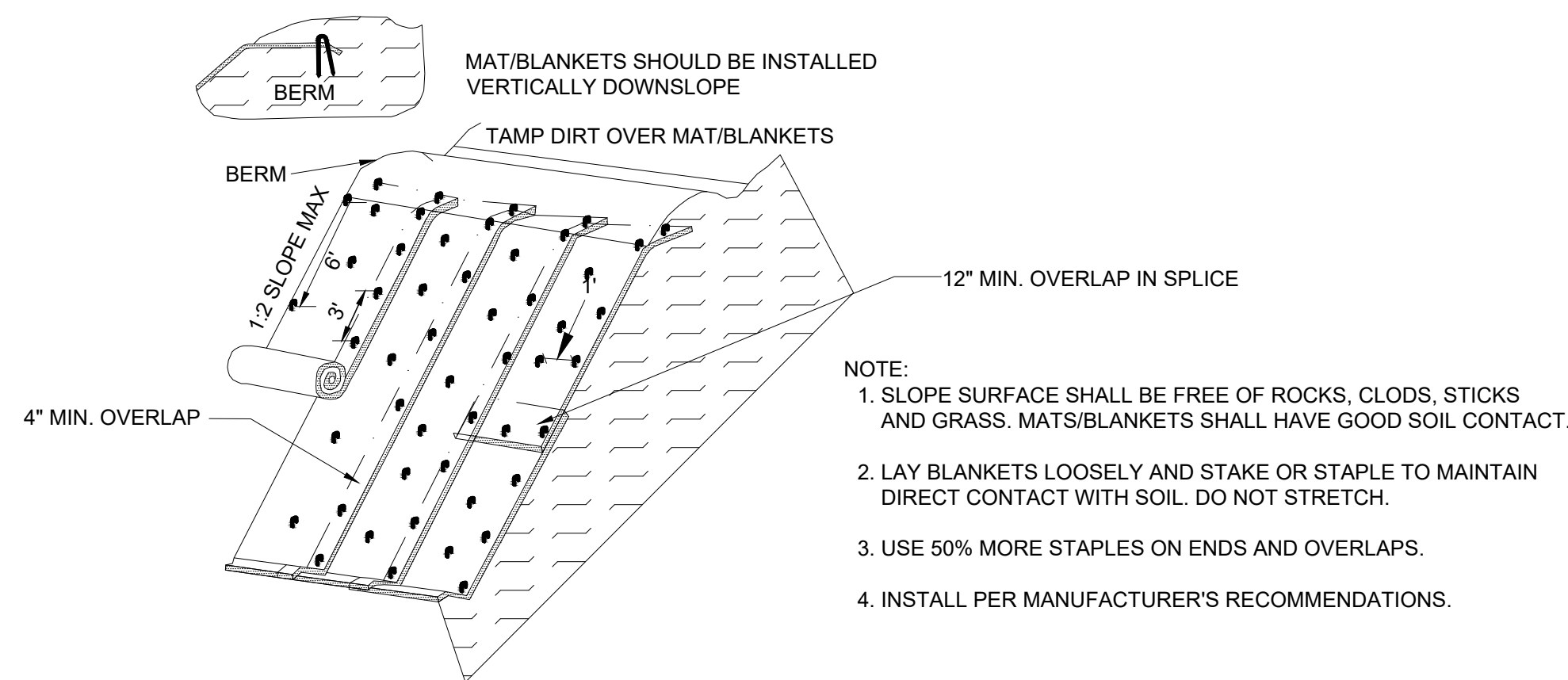
MAINTENANCE

1. INSPECT SILT FENCE PERIODICALLY FOR DAMAGE DUE TO ANIMALS, EQUIPMENT, AND WIND
2. REMOVE SILT WHEN LEVEL REACHES 1/2 HEIGHT OF FENCE

EROSION CONTROL NUMBER 4
SILT FENCE DETAIL
(NOT TO SCALE)



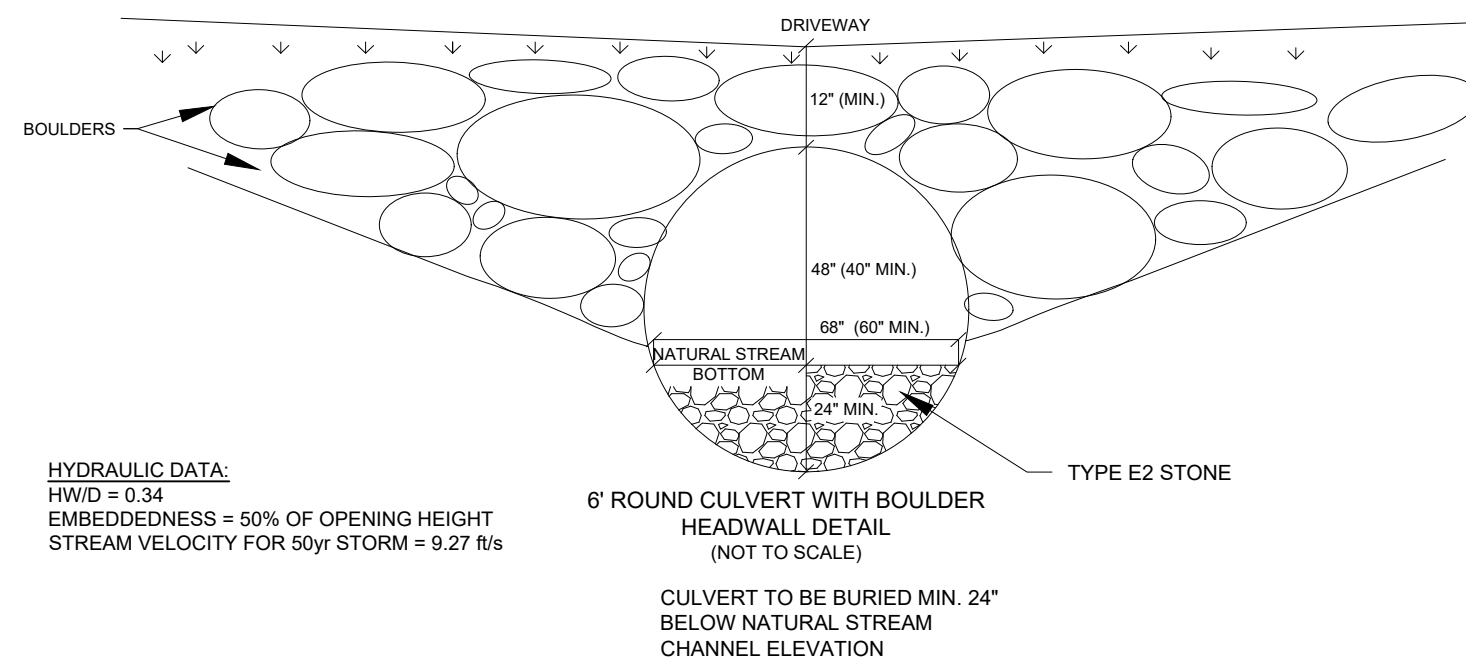
CULVERT HEADWALL DETAIL FOR 18"
CULVERT
(NOT TO SCALE)



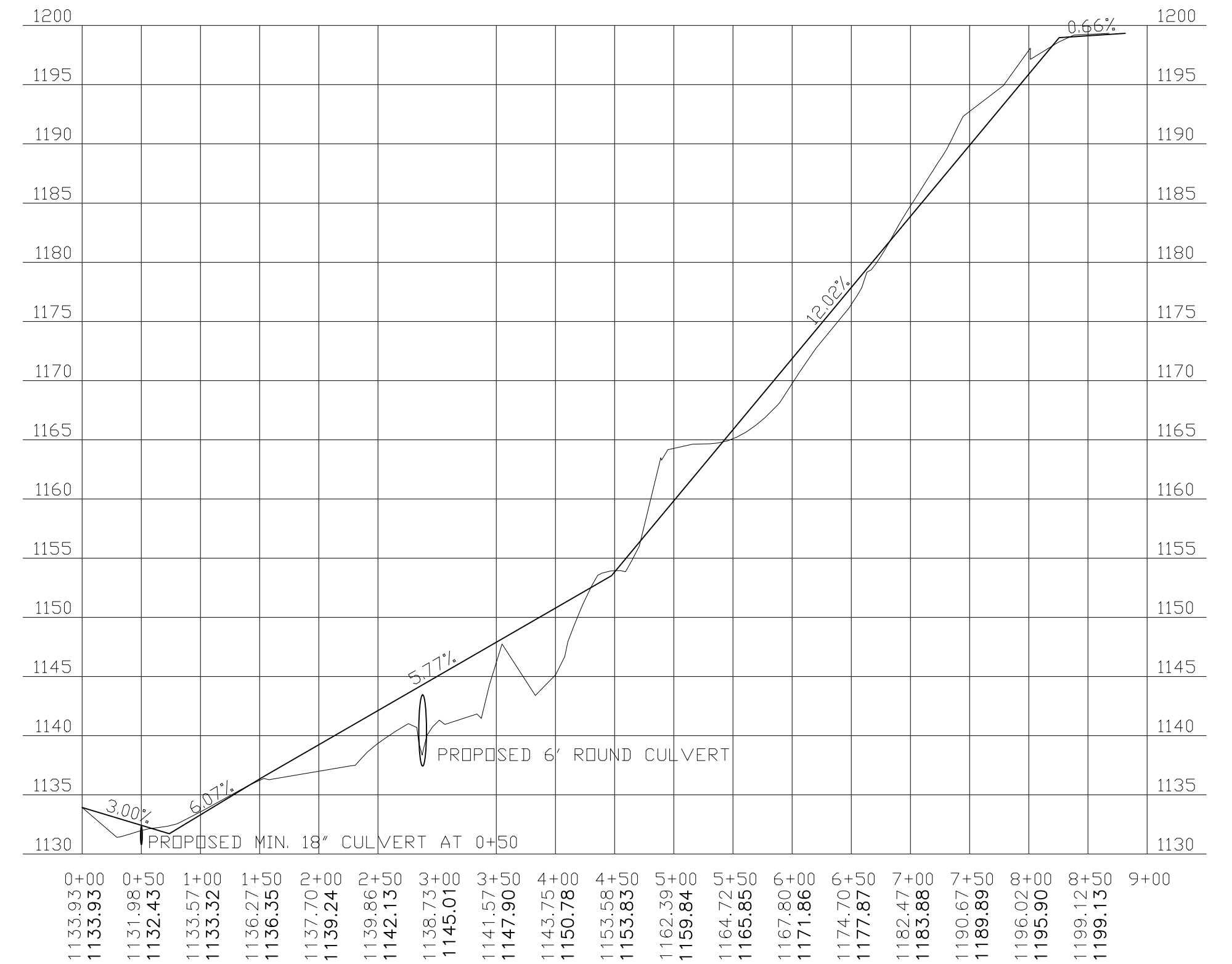
EROSION CONTROL MATTING DETAIL
(NOT TO SCALE)

CONSTRUCTION NOTES:

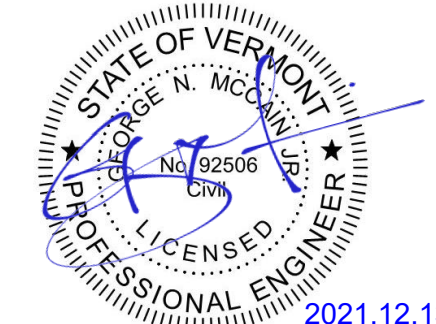
- ALL CONSTRUCTION SHALL ADHERE TO STANDARDS PRESCRIBED IN MANUFACTURER'S INSTALLATION GUIDELINES, INCLUDING BUT NOT LIMITED TO:
 - BEDDING MATERIALS AND BACKFILL COMPACTION
 - MINIMUM COVER DEPTHS
 - PLATE CONNECTIONS
- INVERT & OUTLET ELEVATIONS MEASURED TO NATURAL STREAM BOTTOM
- MIN 12" COVER OVER TOP OF STRUCTURE
- EMBEDMENT BELOW EXISTING STREAM BASE TO BE 24" MIN
- EMBEDMENT STONE MATERIAL TO MEET VT SRMPP STANDARD E2 AND BE WELL GRADED MATERIAL:
 - LONGEST DIMENSION OF STONE SHALL BE AT LEAST 24"
 - AT LEAST 50% OF THE VOLUME OF STONE SHALL HAVE A DIMENSION OF AT LEAST 18"
 - AT LEAST 25% OF THE VOLUME OF STONE SHALL HAVE A MAXIMUM DIMENSION OF 2"



HYDRAULIC DATA:
HW/D = 0.34
EMBEDDEDNESS = 50% OF OPENING HEIGHT
STREAM VELOCITY FOR 50yr STORM = 9.27 ft/s



SCALE
VERTICAL: 1" = 10'
HORIZONTAL: 1" = 100'



THE CONTRACTOR SHALL REVIEW ALL CONSTRUCTION ACTIVITIES, COMPONENT LOCATIONS, SPECIFICATIONS, AND DETAILS PRIOR TO COMMENCEMENT OF SITE WORK AND SHALL NOTIFY MCCAIN CONSULTING OF ANY ISSUES OR DISCREPANCIES THAT ARISE FROM THAT REVIEW.

THIS IS NOT A SURVEY. THIS PLAN DOES NOT MEET THE REQUIREMENTS OF 27 VSA SEC. 1403 FOR THE FILING OF SURVEY PLATS.

ENGINEER:
GEORGE N. MCCAIN Jr., P.E.
VT P.E. 92506

SITE PLAN
DAVID M. DION
DRIVEWAY/STREAM CROSSING/EPSC

EAST WARREN ROAD

WATTSFIELD, VT

SCALE : 1" = 100'
DESIGNED BY: GNM
DRAWN BY: SJH/WDB
CHECKED BY: GMJr

PROJECT #23077

MCCAIN CONSULTING, INC.
93 SOUTH MAIN STREET
WATERBURY, VERMONT 05676

DATE: SEPTEMBER 20, 2021

SHEET C-3