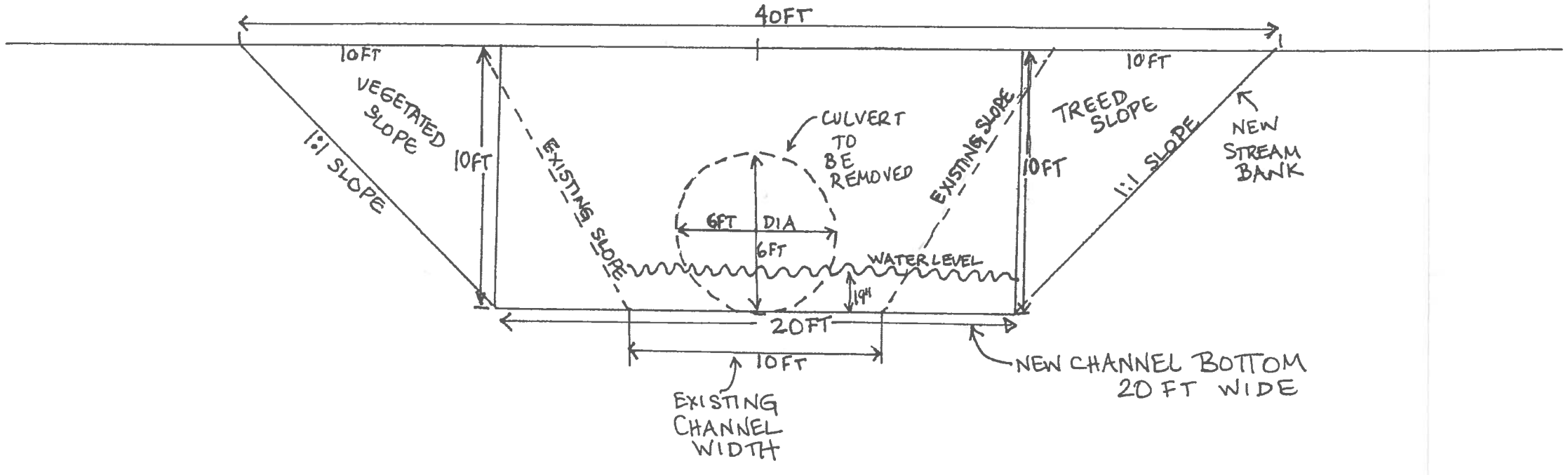
EXHIBIT A

COHO CREEK CROSSING SITE 5 CULVERT REMOVAL

CROSS SECTIONAL VIEW CULVERT OUTLET



COHO CREEK SITE 5 CULVERT REMOVAL
PLAN VIEW

EXHIBIT A

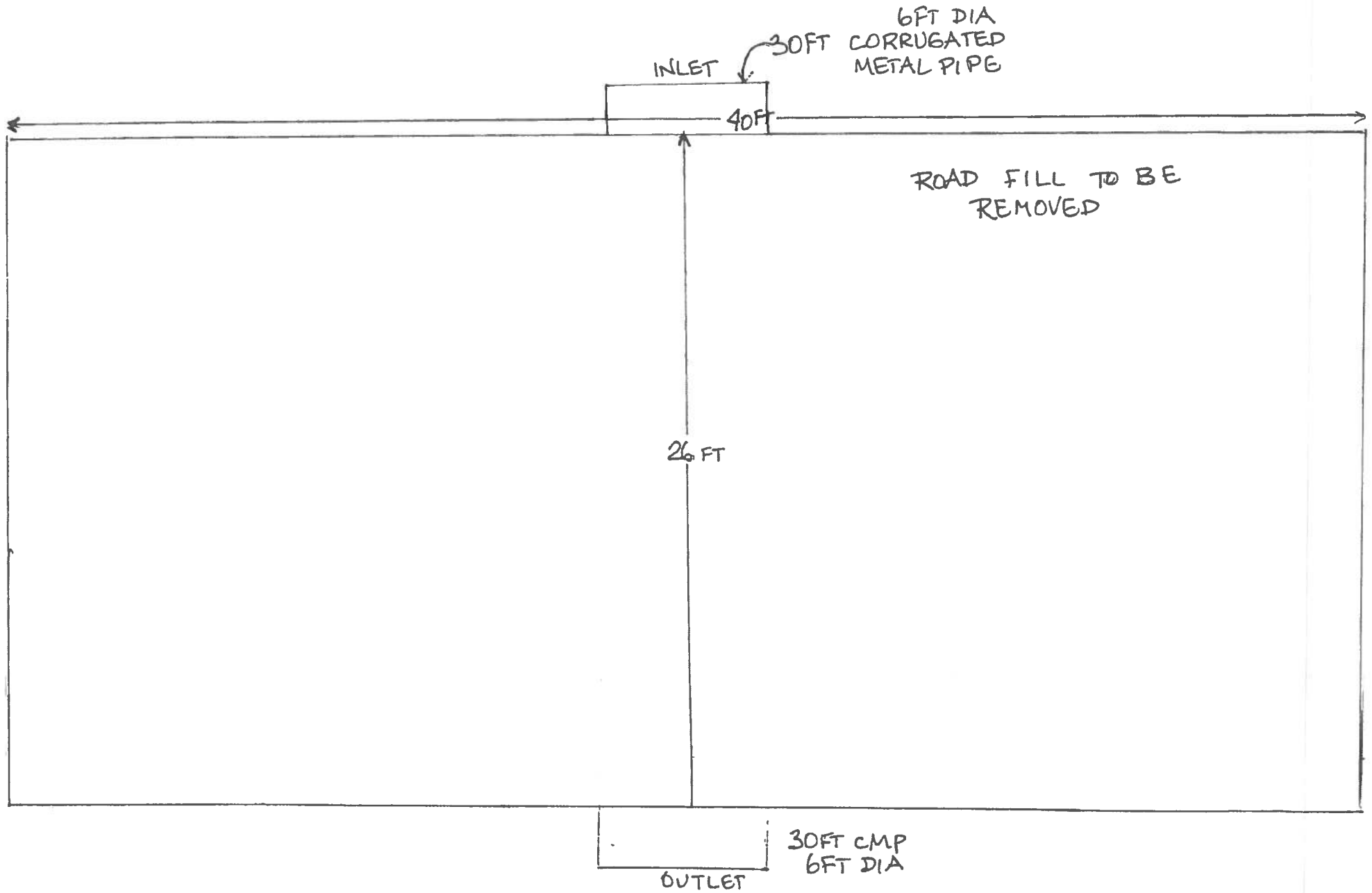
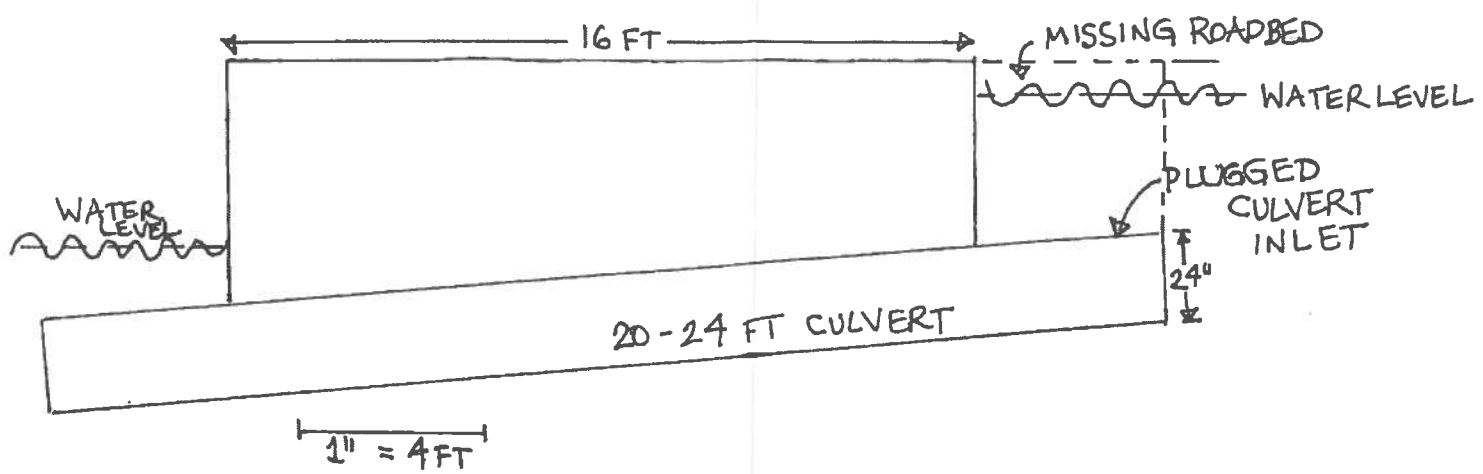
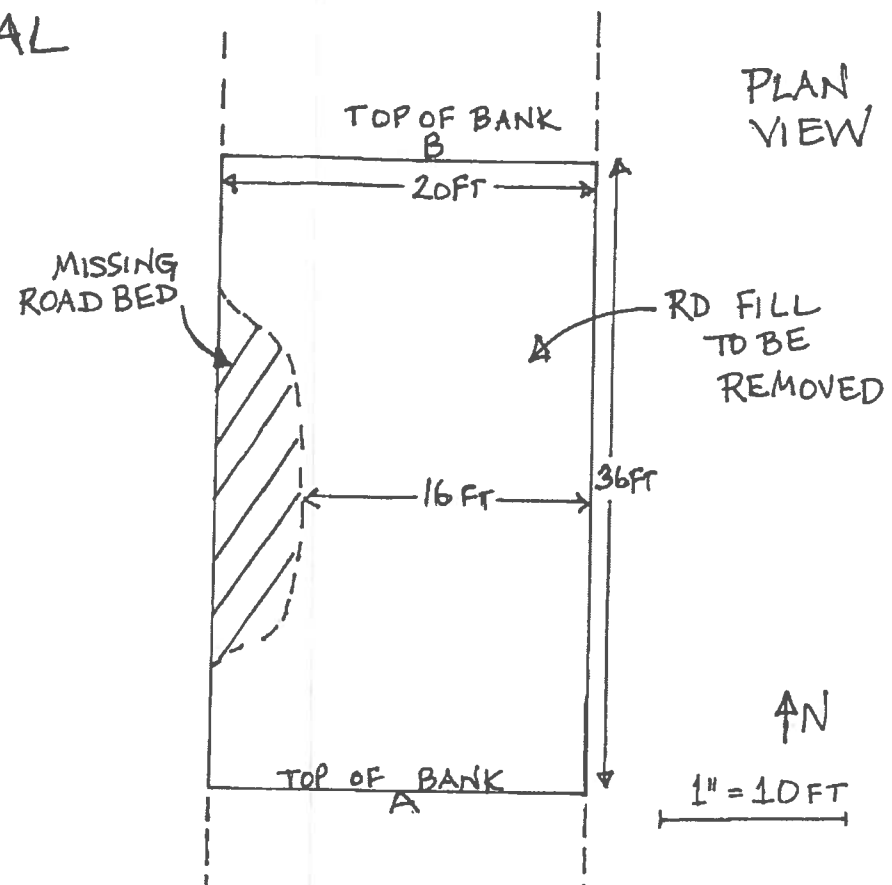
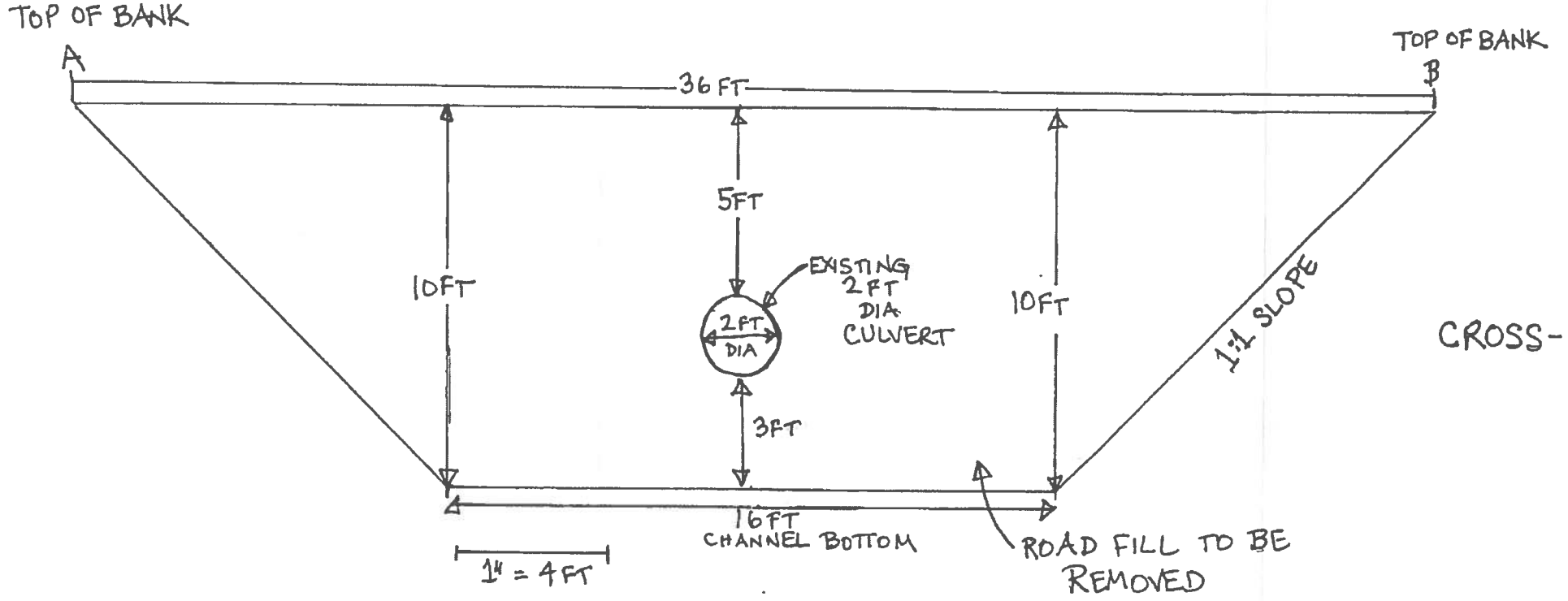


EXHIBIT A

SITE 7 CULVERT REMOVAL



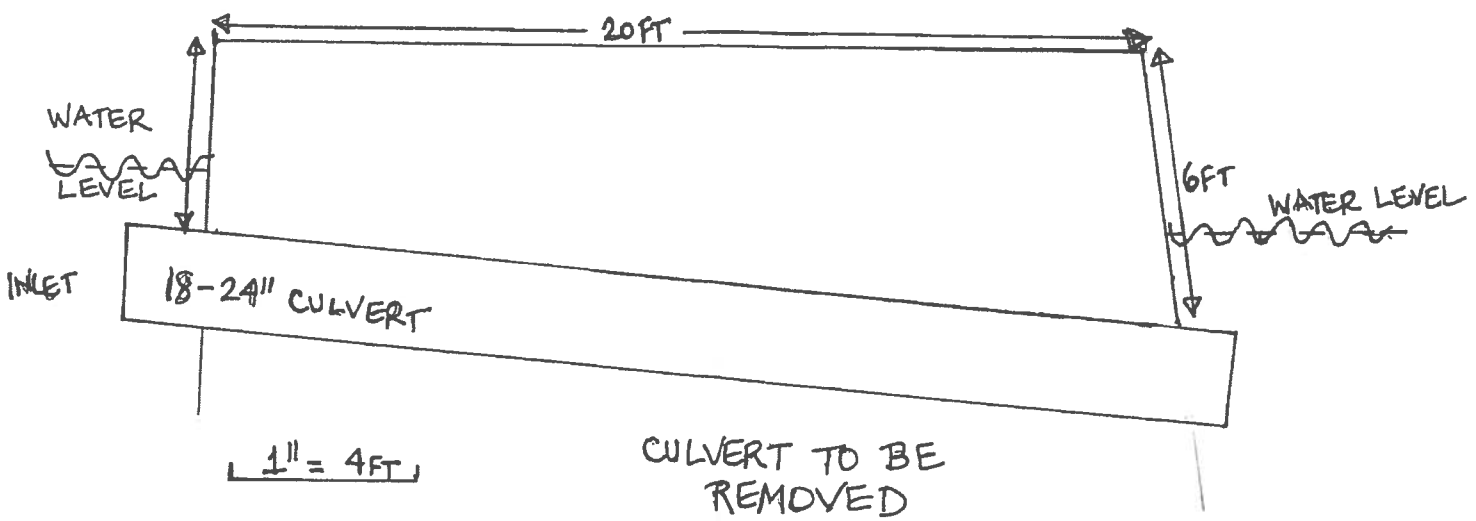


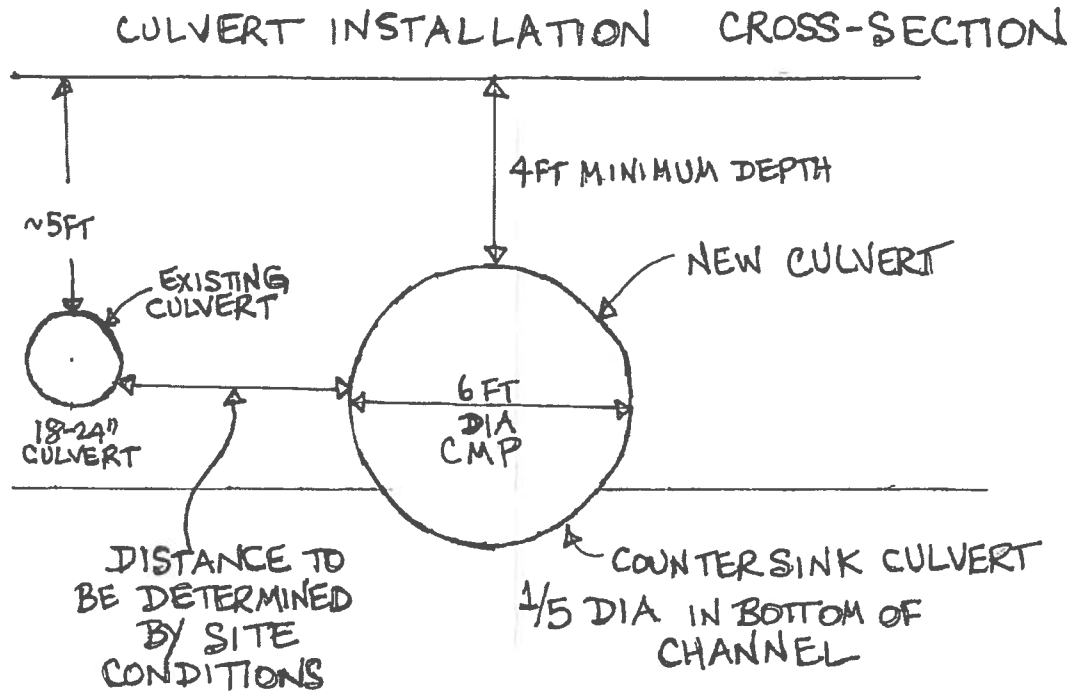


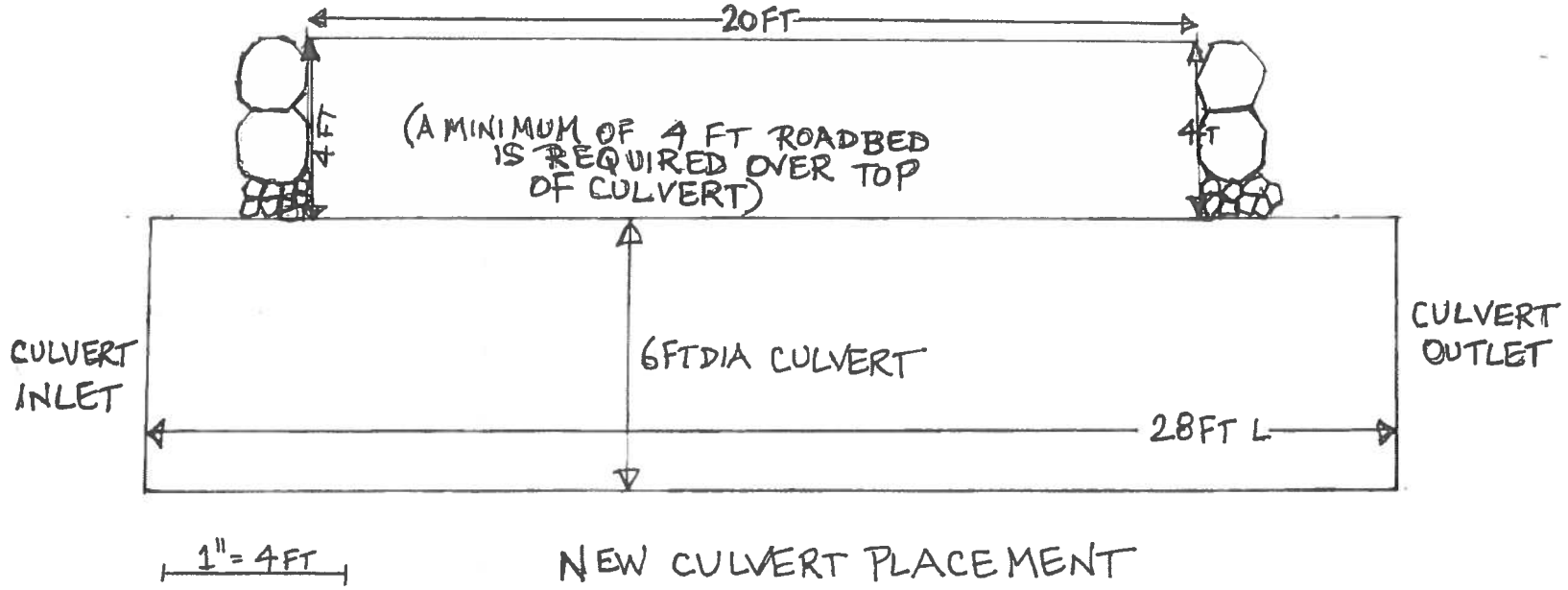
CROSS-SECTION

EXHIBIT A

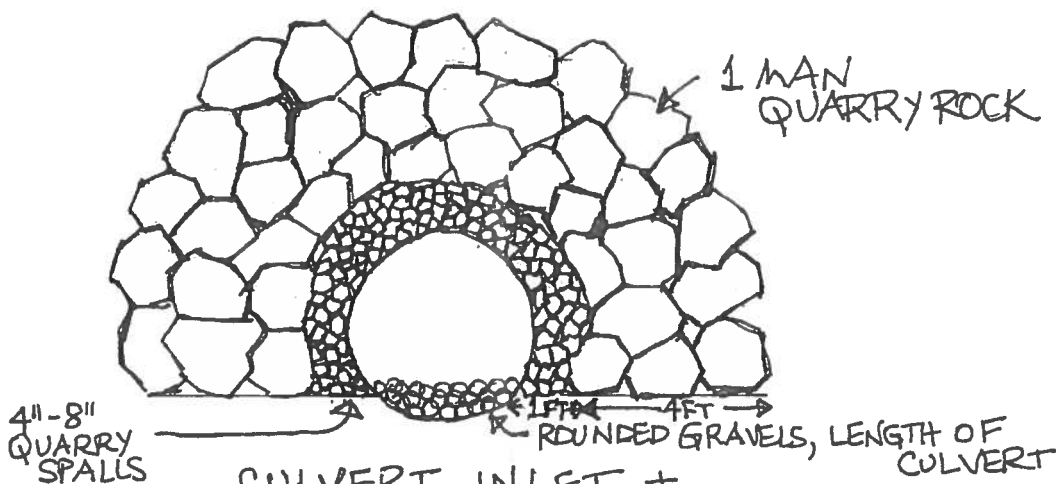
SITE 8 CULVERT REPLACEMENT







NEW CULVERT PLACEMENT



CULVERT INLET + OUTLET FACE SLOPE TREATMENT

SITE 8 PLAN VIEW
CULVERT REPLACEMENT

EXHIBIT A

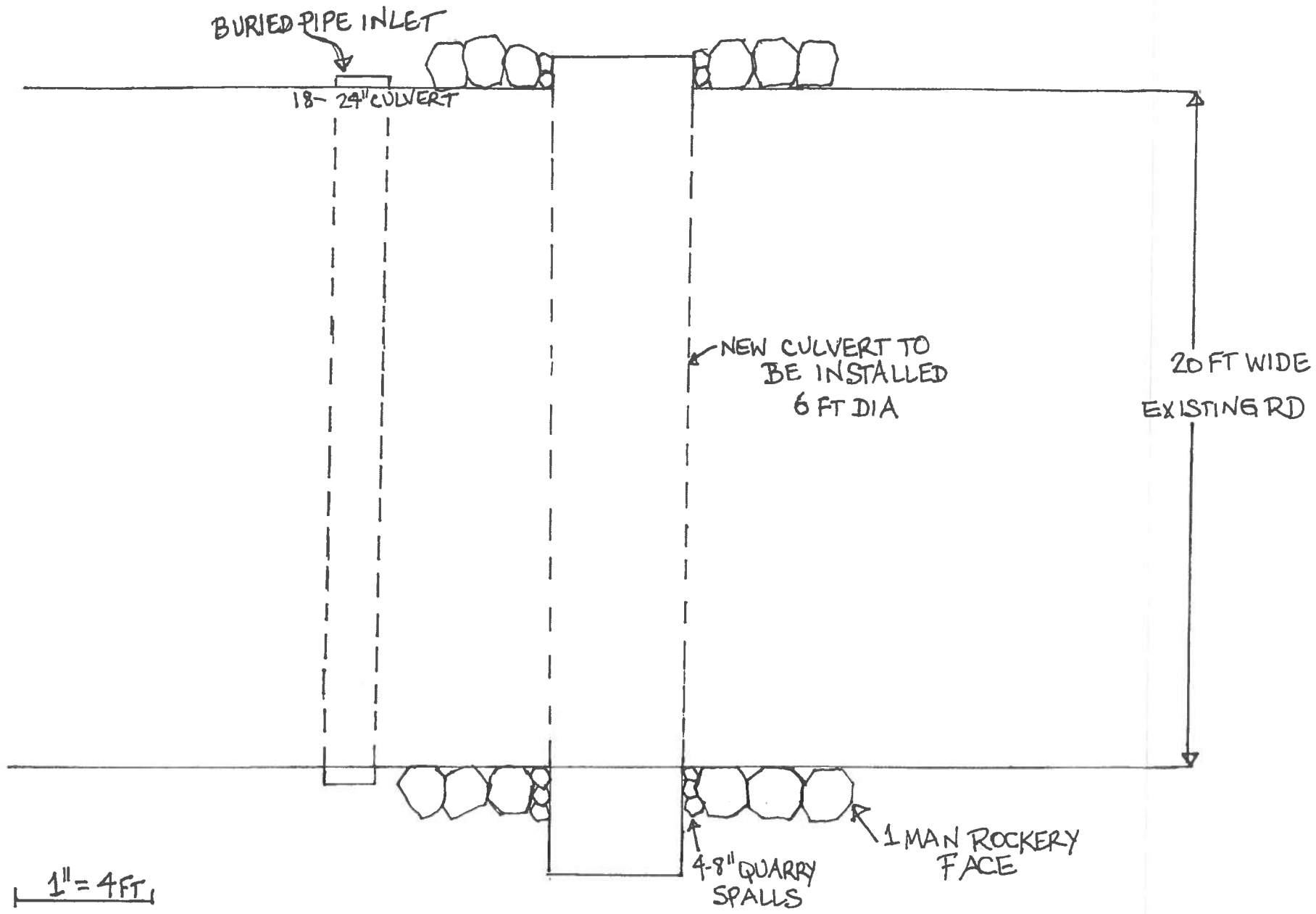
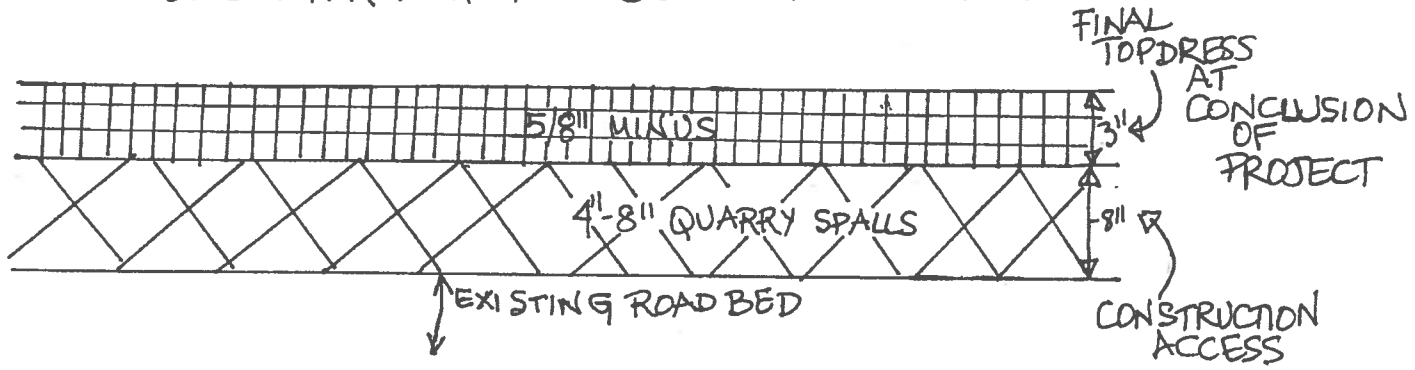


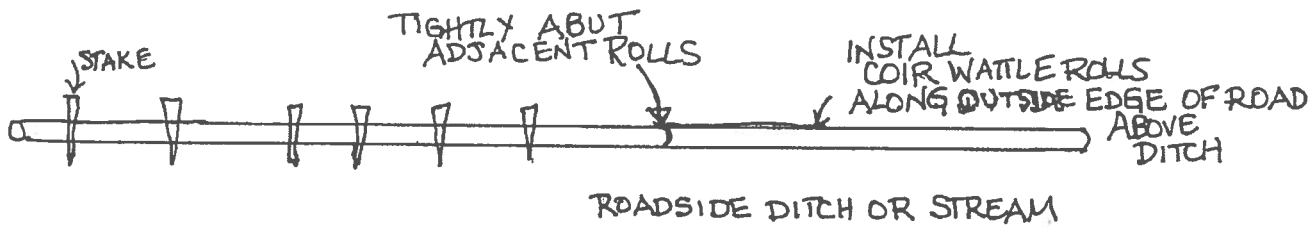
EXHIBIT A

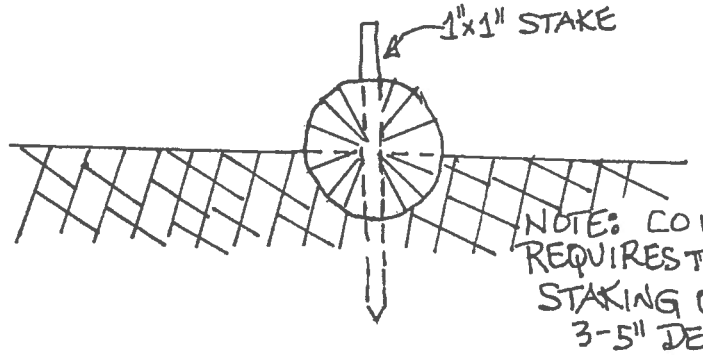
TEMPORARY EROSION + SEDIMENTATION CONTROL

SITE APPROACH ROADBED STABILIZATION



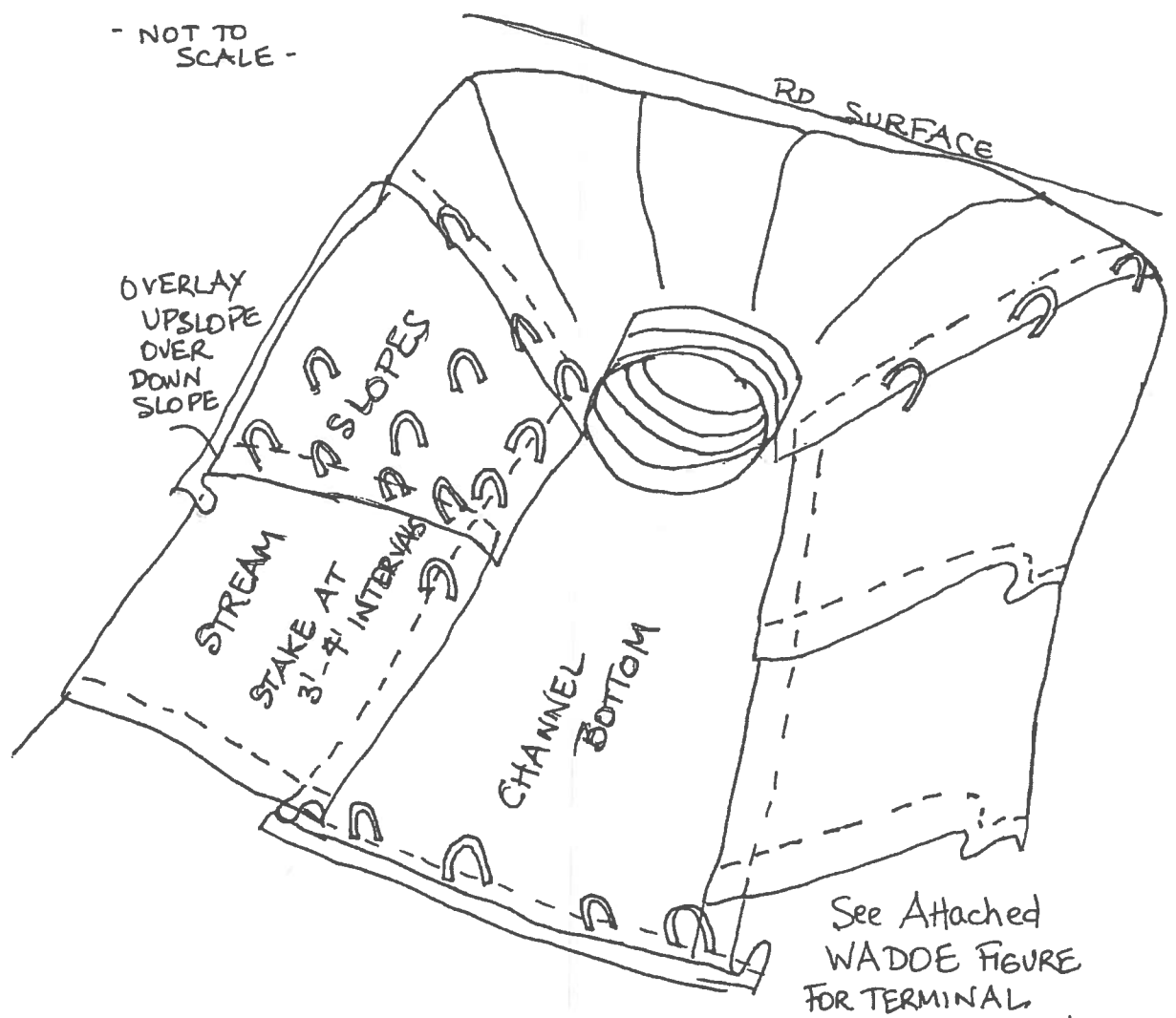
SITE ACCESS ROAD





NOTE: COIR ROLL INSTALLATION REQUIRES THE PLACEMENT + SECURE STAKING OF THE ROLL IN A TRENCH 3-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLLS

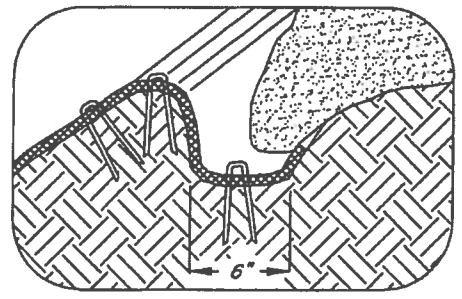
- NOT TO SCALE -



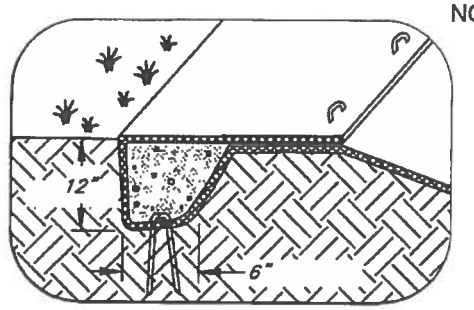
See Attached WADOE FIGURE FOR TERMINAL ANCHORING

EXHIBIT A

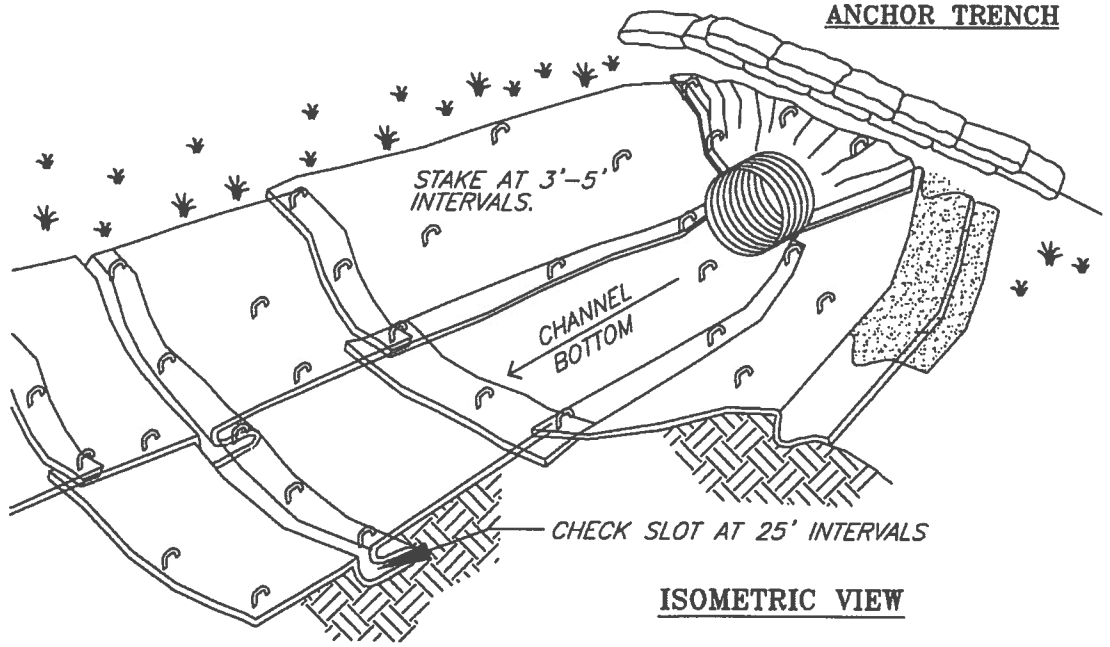
NOT TO SCALE



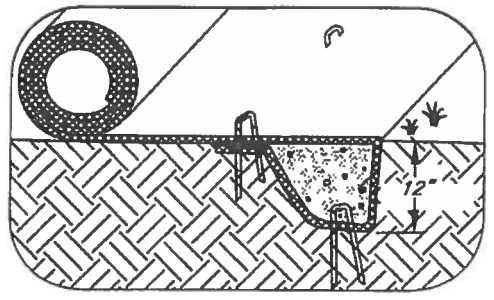
LONGITUDINAL ANCHOR TRENCH



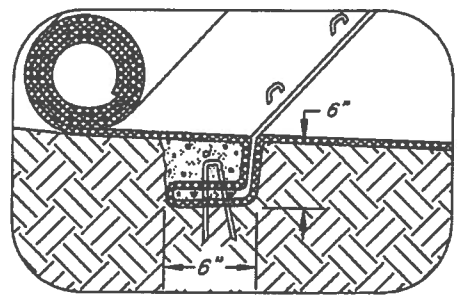
TERMINAL SLOPE AND CHANNEL ANCHOR TRENCH



ISOMETRIC VIEW



INITIAL CHANNEL ANCHOR TRENCH



INTERMITTENT CHECK SLOT

Source: Clackamas County 2009 Erosion Prevention Planning and Design Manual

Notes:
1. Check slots to be constructed per manufacturers specifications.
2. Staking or stapling layout per manufacturers specifications.

DEPARTMENT OF ECOLOGY
State of Washington

Figure II-4.1.3
Channel Installation

Revised June 2015

EXHIBIT A

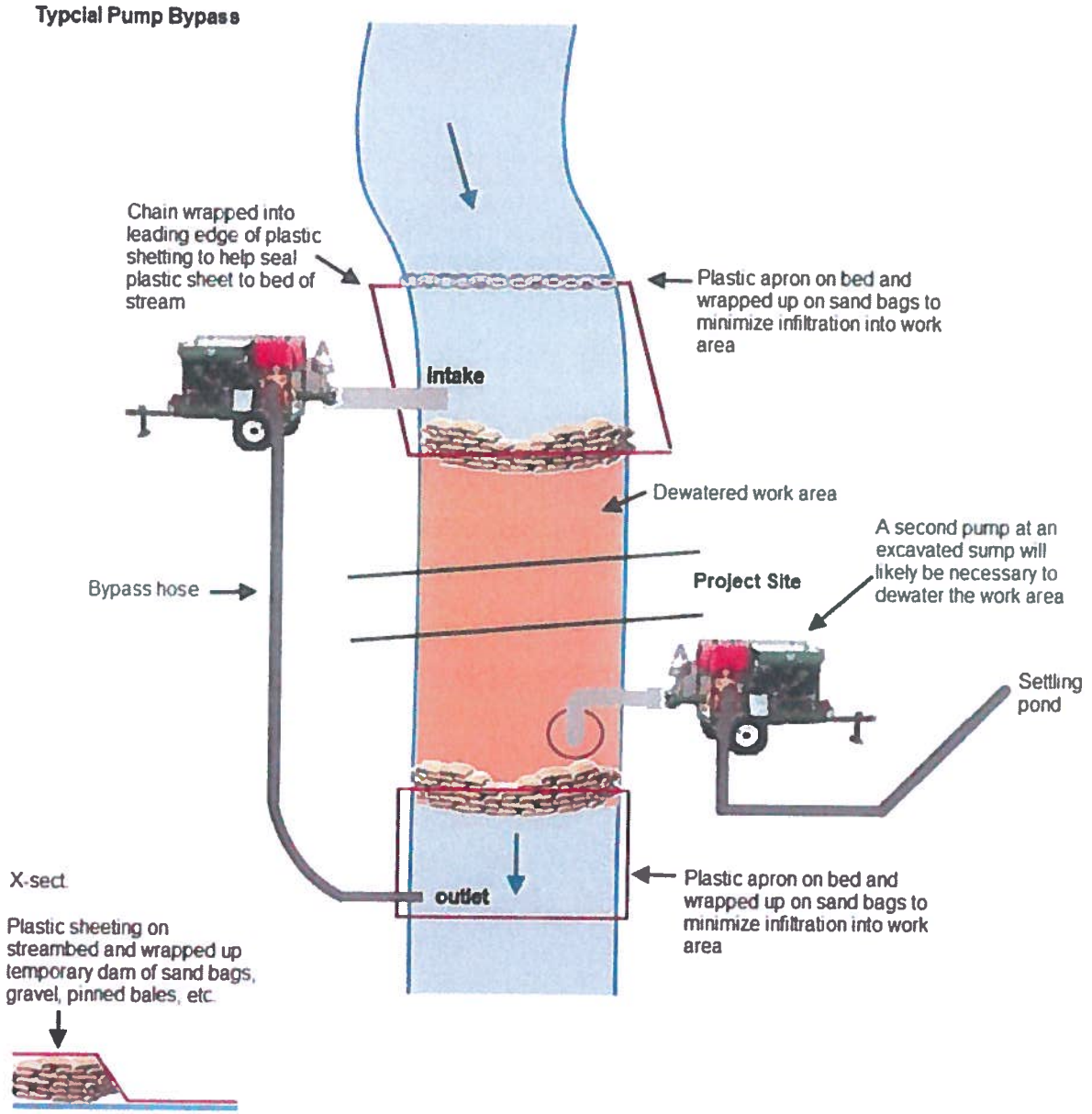


Figure 3. Typical bypass pump.