Appendix C - Flume and Dam and Pump Crossing Typicals
NOTES:

1. THE REQUIRED SET BACK FOR TWS IS 25' FROM TOP OF BANK OR AS SHOWN ON PLANS BASED ON PERMIT REQUIREMENTS.
2. THE MINIMUM REQUIRED SET BACK FOR SPOIL PILE IS 25' FROM THE TOP OF BANK. THIS MATERIAL MUST BE CONTAINED AND SURROUNDED BY SILT FENCE PROTECTION TO PREVENT SATURATED SOIL FROM FLOWING BACK INTO THE WATERBODY.
3. STAKED STRAW BALES MAY BE USED IN LIEU OF SILT FENCE.
4. SCHEDULE CONSTRUCTION DURING LOW FLOW PERIOD TO THE MAXIMUM EXTENT PRACTICABLE.
**TYPICAL FLUME WATERBODY CROSSING**

**PLAN VIEW**

- **TOP OF BANK**
- **STREAM FLOW**
- **SILT FENCE**
- **NOTE 2**
- **25'-ATWS**
- **5'-TWS**
- **75'-THROUGH STREAM CROSSING**
- **25'-TYPICAL CONSTRUCTION WORK AREA**
- **UPSTREAM DAM**
- **DOWNSTREAM DAM**
- **TRENCH**
- **PIPELINE**
- **FLUME**
- **VEHICLE CROSSING**
- **TEMPORARY ROAD**
- **PROPOSED PIPELINE**
- **SILT FENCE PLUG**
- **TEMPORARY ROAD**
- **PIPING WELDED, CONC. COATED OR WEIGHTED**
- **TRACKHOE**
- **SEDIMENTATION LOG OR REMOVABLE HAY BALES**
- **ENERGY DISSIPATOR ROCK SCOUR PROTECTION (IF NECESSARY)**

**SECTION VIEW**

- **TOP OF BANK**
- **STREAM FLOW**
- **SILT FENCE**
- **NOTE 2**
- **50'-PERMANENT ROW**
- **25'-ATWS**
- **10'-TWS**
- **100'-TYPICAL CONSTRUCTION WORK AREA**
- **UPSTREAM DAM**
- **DOWNSTREAM DAM**
- **TRENCH**
- **POPROSED PIPELINE**
- **FLUME**
- **PIPELINE**
- **VEHICLE CROSSING**
- **ENERGY DISSIPATOR ROCK SCOUR PROTECTION**
- **SILT FENCE**
- **NOTE 2**

**IF TRENCH SIDES BECOME UNSTABLE AND COULD COLLAPSE, ALLOW TRENCH TO REFILL WITH WATER AND PLACE PIPE UNDERWATER**

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**PENNEAST PIPELINE PROJECT**

**FIGURE 1H**

**PREPARED BY:** HMM

**FIGURE NUMBER:**

**DRAWN:**

**DRAWN BY:**

**DRAWN ON:**

**DRAWN ON BY:**

**DRAWN ON DATE:**

**DRAWN ON DATE BY:**

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