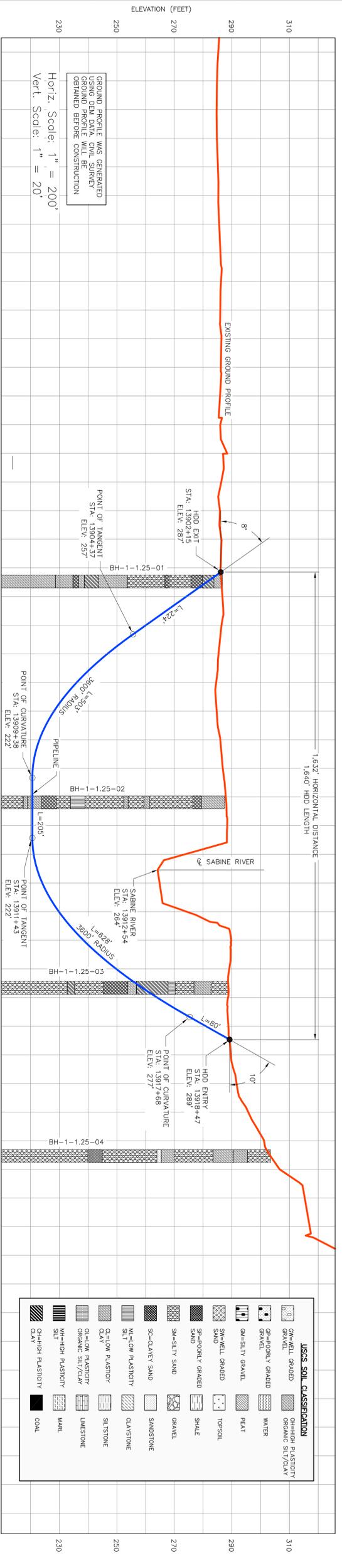


Scale: 1" = 200'



INSTALLATION NOTES

- 1) ACCESS: ALL EQUIPMENT MUST ACCESS THE SITE ALONG THE ROADS. SYSTEMS MUST BE INSTALLED FROM THE APPROVED FRAME ROADS.
- 2) VEHICLE AND EQUIPMENT ACCESS CROSSING MAY BE INSTALLED IF APPROVED BY THE ENVIRONMENTAL INSPECTOR.
- 3) WORK SPACE: WORK SPACE LIMITS ARE DETERMINED BY CLEARING WILL BE POINTS AND PULLBACK MAKE-UP AREA ALONG THE RIGHT-OF-WAY. MINIMUM AMOUNT NECESSARY TO STAKE CONTROL WELLS AND INSTALL PUMPS AND PIPING TO OBTAIN WATER (WHERE APPROVED).
- 4) WATER SOURCE: DRILL WATER AND PRE-INSTALLATION HYDROSTATIC CONSTRUCTION SHALL SCREEN THE INDIAN HOSE TO PREVENT THE ENLARGEMENT OF FISH OR REEFS AND IN ACCORDANCE WITH THE PROJECT RECOMMENDATIONS. THE HOSE SHALL BE KEPT OFF THE BOTTOM OF THE WATER BODY.
- 5) HYDROSTATIC TEST: PRE-INSTALLATION HYDROSTATIC TEST SHALL BE CONDUCTED BY THE CONTRACTOR. THE CONTRACTOR SHALL DISCHARGE HYDROSTATIC TEST WATER BACK TO THE WATER SOURCE UNLESS OTHERWISE DIRECTED BY THE ENVIRONMENTAL INSPECTOR. TO REDUCE THE RISK OF THE DISCHARGE OF OIL OR GREASE, THE CONTRACTOR SHALL UTILIZE AN ENERGY-DISSIPATING DEVICE AS APPROVED BY THE ENVIRONMENTAL INSPECTOR.
- 6) SPILL PREVENTION: ALL PUMPS SHALL BE SET IN STONY/ROCKY AREAS AND IN ACCORDANCE WITH THE PREVENTION OF SPILLAGE AND CONTAMINATION PLAN (P-COPLAN) REQUIREMENTS AND METHODS SHALL BE OPERATED AND REPLENISHED IN ACCORDANCE WITH THE P-COPLAN. PUMPS, PIPING, ETC. SHALL BE CONDUCTED AT LEAST 100 FEET FROM ANY WATER SOURCE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS TO STAKE AND OPERATE PUMPS AND PIPING TO OBTAIN WATER TO STAKE AND OPERATE PUMPS AND PIPING TO OBTAIN WATER.
- 7) PERSON AND EQUIPMENT CONTROL: CONTRACTOR SHALL SUPPLY, INSTALL AND MAINTAIN SEGMENT CONTROL STRUCTURES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS AND SPECIFICATIONS AND THE ENVIRONMENTAL INSPECTOR.
- 8) TOPSOIL SHALL BE SHIPPED AS REQUIRED BY PROJECT SPECIFICATIONS.
- 9) PRIOR TO PPE PULLBACK, CONTRACTORS ACTUAL DRILL PROFILE SHALL BE SUBMITTED TO KEYSTONE FOR APPROVAL.
- 10) INSTALLATION: THE PPE SECTION FOR THE PULLED CROSSING SHALL BE SUBMITTED TO KEYSTONE FOR APPROVAL. THE CONTRACTOR SHALL ASSESS THE NEED FOR AND SUPPLY APPROPRIATE BALLAST DURING PULLBACK.
- 11) WELDING: CONTRACTOR SHALL NOTIFY OF EXCESS DRILLING AND OPERATIONAL CONDITIONS TO THE ENVIRONMENTAL INSPECTOR. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING NECESSARY PERMITS AND APPROVALS TO STAKE AND OPERATE PUMPS AND PIPING TO OBTAIN WATER. THE ENTRY AND EXIT POINTS SHALL BE CONFINED AND DIRECTED BY THE COMPANY REPRESENTATIVE IN ACCORDANCE WITH PERMIT CONDITIONS.
- 12) CLEARING/RESTORATION: ALL DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL OR BETTER CONDITION. ANY AREAS SHALL BE SEEDS AS SPECIFIED IN PROJECT DOCUMENTS.
- 13) NORMAL WORKING SPACE DIMENSIONS ARE SHOWN. LARGER AREAS MAY BE REQUIRED IN IRREGULAR TERRAIN. UPDATED DIMENSIONS MAY BE PROVIDED BY THE LOCAL (OVERSIGHT) SURVEYOR AS THE TERRAIN CHANGES.



USCS SOIL CLASSIFICATION

	GW-Well Graded		SP-Poorly Graded Sand
	GM-Silty Gravel		SM-Silty Sand
	GP-Poorly Graded Gravel		SC-Clayey Sand
	GC-Clayey Gravel		SW-Soft Clay
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