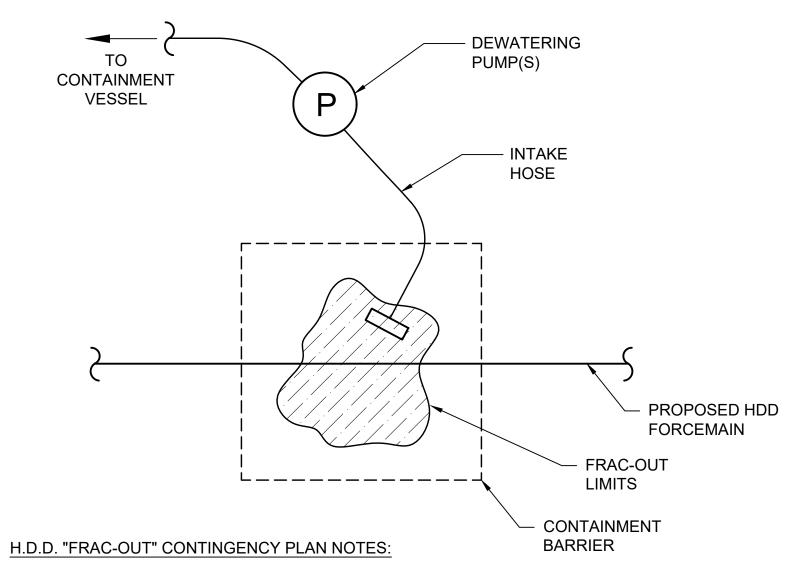
NOTE:
SILT FENCE INSTALLATION APPLIES TO ALL
OPEN CUT LOCATIONS.

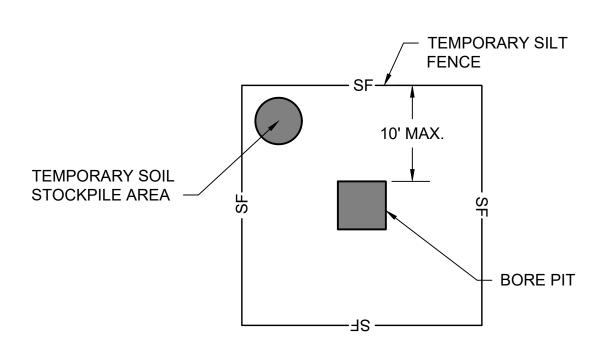
DETAIL - TYP. OPEN CUT LOCATION NOT TO SCALE



- REFER TO SPEC. 330523.13 FOR HORIZONTAL DIRECTIONAL DRILLING REQUIREMENTS. THE ITEMS IDENTIFIED HEREIN ARE GENERAL IN NATURE. CONTRACTOR SHALL SUBMIT A PROJECT SPECIFIC "FRAC-OUT" CONTINGENCY PLAN FOR OWNER AND ENGINEER APPROVAL AS PART OF SHOP DRAWING SUBMITTALS.
- 2. AT LEAST ONE CONTAINMENT VESSEL MUST BE ON-SITE DURING ALL DRILLING OPERATIONS.
- 3. CONTRACTOR SHALL HAVE AT LEAST ONE FULL-TIME PERSON ON-SITE DURING DRILLING OPERATIONS TO WALK THE DRILLING ROUTE AND IDENTIFY FRAC-OUTS AND COORDINATE REMEDIATION.
- 4. MINIMIZE DRILLING PRESSURES TO KEEP MUD FROM FRACTURING OUT OF THE SOIL. IF A FRAC-OUT IS IDENTIFIED, STOP DRILLING IMMEDIATELY.
- 5. IMMEDIATELY FOLLOWING THE DETECTION OF AN INADVERTENT MUD RELEASE, CONTAINMENT AND CLEAN-UP OPERATIONS SHALL COMMENCE.
 - 5.1. FOR RELEASES ON LAND, CONTRACTOR SHALL USE SILT FENCING, SANDBAGS, AND/OR EARTH BERMS TO PREVENT FLUID FROM MIGRATING OR FLOWING FROM THE IMMEDIATE AREA OF THE DISCHARGE.
 - 5.2. FOR RELEASES TO OPEN WATER OR DRAINAGE WAYS, ISOLATE THE AREA USING A TURBIDITY BARRIER, CONTAINMENT BOX, OR STAKED SEDIMENT BARRIER.
- 6. CLEAN-UP SHALL COMMENCE IMMEDIATELY AFTER THE RELEASE IS CONTAINED. CLEAN-UP SHALL INCLUDE REMOVAL OF ALL VISIBLE DRILLING FLUID. REMOVAL METHODS MAY VARY BASED ON THE VOLUME OF THE RELEASE AND THE SITE-SPECIFIC CONDITIONS. REMOVAL EQUIPMENT MAY INCLUDE VACUUM TRUCK(S), LOADER AND TRACK HOE BUCKETS, SMALL PUMPS, SHOVELS, BUCKETS, ETC.

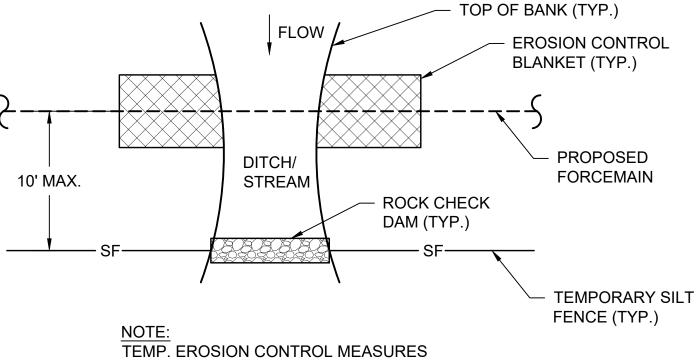
DETAIL - HORIZONTAL DIRECTIONAL DRILL "FRAC-OUT" CONTINGENCY PLAN

OT TO SCALE



3 DETAIL - TYP. BORE PIT LOCATION

NOT TO SCALE



TEMP. EROSION CONTROL MEASURES INSTALLATION APPLIES TO ALL OPEN CUT DITCH CROSSING LOCATIONS.



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ENGINEER/ARCHITECT: JOSEPH P. TIERNEY

CONSTRUCTION COMPANY: B.L. BROWN COSNTRUCTION

DATE: 08/29/2023

This document, originally issued, sealed, and signed by Joseph P Tierney, Indiana Professional Engineer, No.19300407, on July 2022, shall not be used in lieu of a certified document.

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engineering | architecture | geospati

NEW LIFT STATION AND FORCEMAIN TOWN OF PENDLETON, INDIANA

DETAILS

ONTROL

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EROSION

REVISIONS

DESCRIPTION

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AMR

CHECK: | THIS MARK SHOULD MEASURE EXACTLY 1" WHEN PLOTTED

DESIGNED:

JPT

JPT

JPT

JPT

JULY 2022
SCALE:
N.T.S.
SHEET NO.

C-15