

January 29, 2021

*MIDDLETON ASSOCIATES INCORPORATED*  
*1702 W. COLLEGE AVE., SUITE E*  
*NORMAL, IL 61761-2793*  
*309/452-1271 FAX 309/454-8049*

ADDENDUM NUMBER 1  
TO THE DRAWINGS AND SPECIFICATIONS

PROJECT: McLean County Unit District No. 5 Chiddix Junior High School Borefield

FOR: McLean Co. Unit District No. 5  
1809 W. Hovey Ave.  
Normal, IL 61761

A/E PROJECT NO: 23462320

ISSUE DATE: January 11, 2021

BID OPENING: Thursday, February 5, 2021, 10:30 a.m. prevailing time  
Maintenance Office, 1999 Eagle Road, Normal, IL 61761

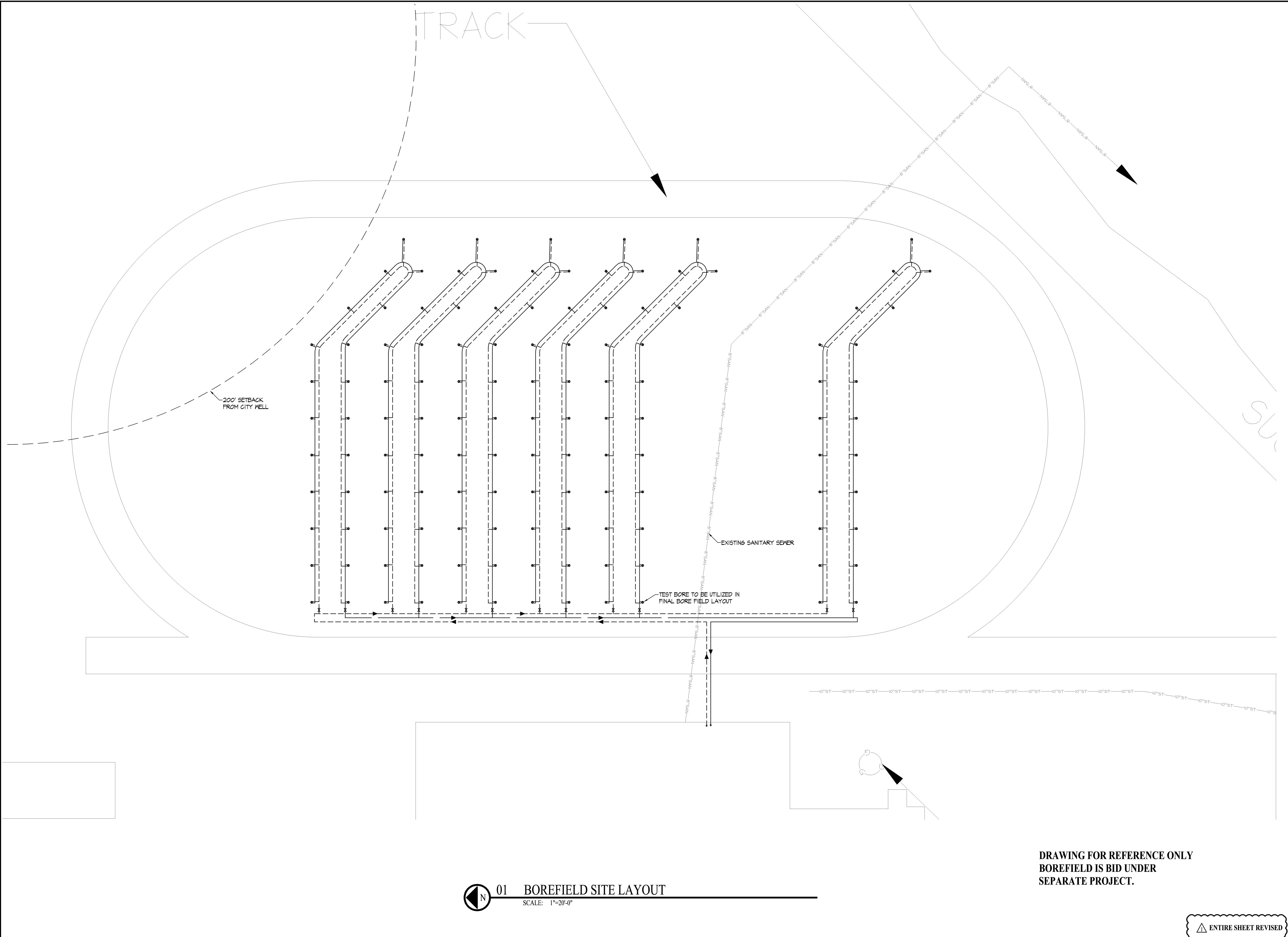
THIS ADDENDUM DOES NOT CHANGE THE BID DATE OR BID TIME.

Upon receipt of this ADDENDUM, insert same into the documents, which were issued to you. Hereafter, said ADDENDUM shall be as much a part of the said documents as though originally set forth therein. THIS ADDENDUM DOES NOT CHANGE THE BID DATE.

1. TO THE DRAWINGS: Drawing M0.1: Revise the borefield layout per the attached drawing M0.1.
2. TO THE DRAWINGS: Drawing M0.2: Eliminate the "Purge Pit" detail and replace it with a Purge Valve Assembly inside the building per the attached revised detail on drawing M0.2.
3. TO THE DRAWINGS: Drawing M0.2: Revise the borefield piping per the attached drawing M0.2.
4. TO THE DRAWINGS: Drawing M0.2: Add the test bore drill log per the attached drawing M0.2.

Attachments: Drawing M0.1, Drawing M0.2

END ADDENDUM NO. 1



01 BOREFIELD SITE LAYOUT  
SCALE: 1"=20'-0"

DRAWING FOR REFERENCE ONLY  
BOREFIELD IS BID UNDER  
SEPARATE PROJECT.

ENTIRE SHEET REVISED

**MIDDLETON ASSOCIATES, INC.**  
ARCHITECTS  
1702 W. College Ave.  
Suite E  
Normal, IL 61761-2793  
p: 309.452.1271  
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middletonassociates.net

State of Illinois Professional  
Design Firm Number  
184.000267

**MMEA ENGINEERS**  
MID-MO ENGINEERING ALLIANCE, INC.  
203 EAST AND DRIVE  
JEFFERSON CITY, MISSOURI 65901  
JEFFERSON CITY, MISSOURI 65901  
Design Firm Registration #64107967-0002

CHIDDIX JUNIOR HIGH  
at 300 South Walnut Street - Normal, Illinois 61761  
for McLEAN COUNTY UNIT DISTRICT NO.5  
Unit District Office - 1809 West Hovey Avenue  
Normal, Illinois 61761-4399

Professional Engineer Seal for Wayne A. Strope, State of Illinois, No. 062.068121, Expires 11/30/2021.

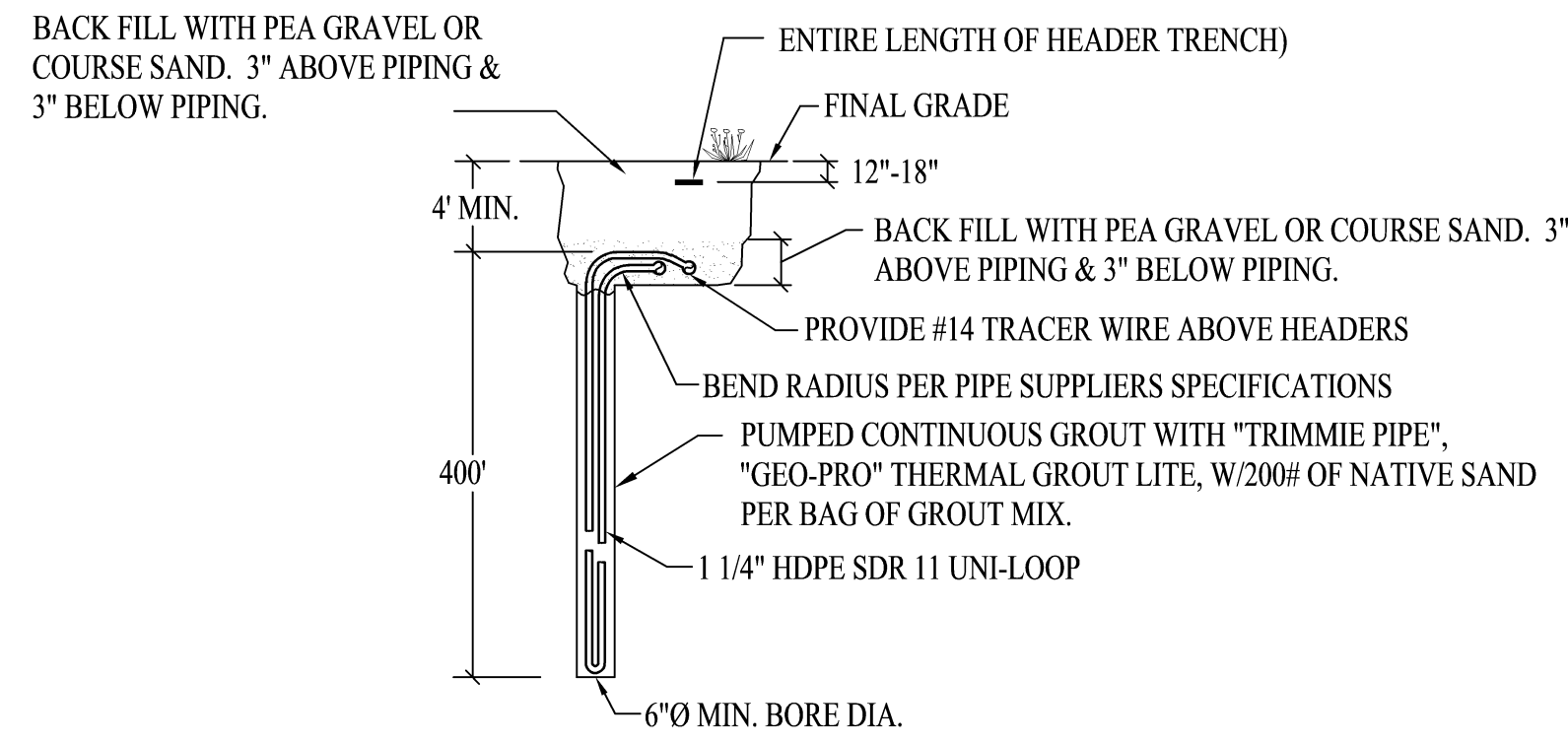
WAYNE A. STROPE  
062.068121

NO.	DATE	REMARKS

REVISIONS

THE CONTRACTOR SHALL VERIFY CONDITIONS & DIMENSIONS ON THE JOB. INFORMATION SHOWN ON ANY PART OF THE DRAWINGS SHALL APPLY TO THE WORK UNLESS SET FORTH OTHERWISE.

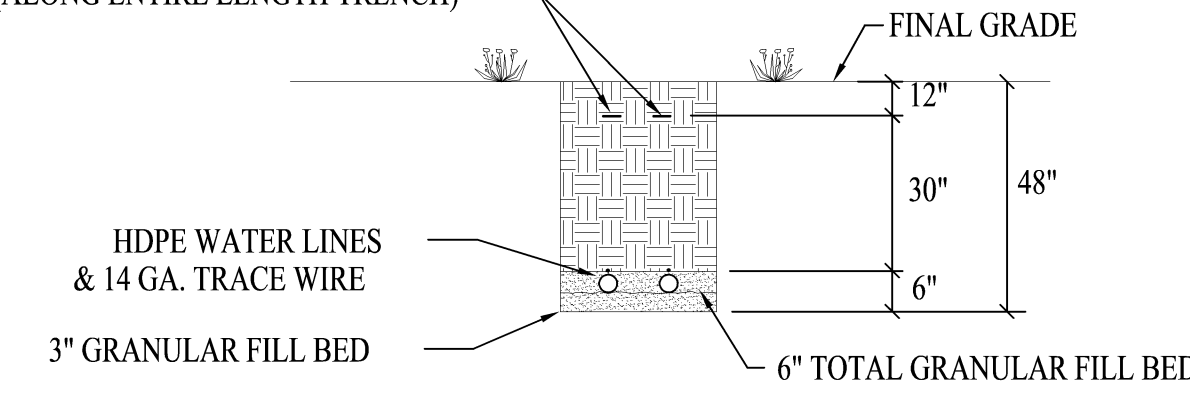
PROJECT NO.  
23472320  
ISSUE DATE  
01-11-2021  
SHEET  
**M0.1**  
OF SHEETS



**02 VERTICAL U-BEND WELL DETAIL**

SCALE: NONE

FOIL BACKED WARNING TAPE (ALONG ENTIRE LENGTH TRENCH)



NOTE:

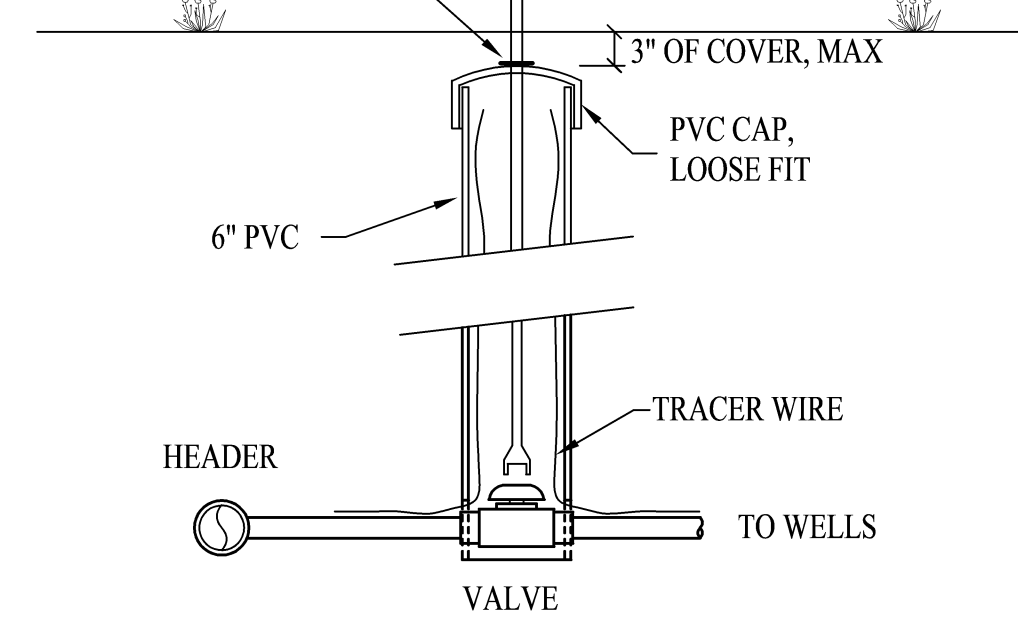
ALL NON-METAL LINES TO BE TRACED WITH 14 GA. WIRE (TYPICAL). TERMINATE WIRE AT ACCESSABLE VALVE PIT.

**03 SECTION DETAIL**

SCALE: NONE

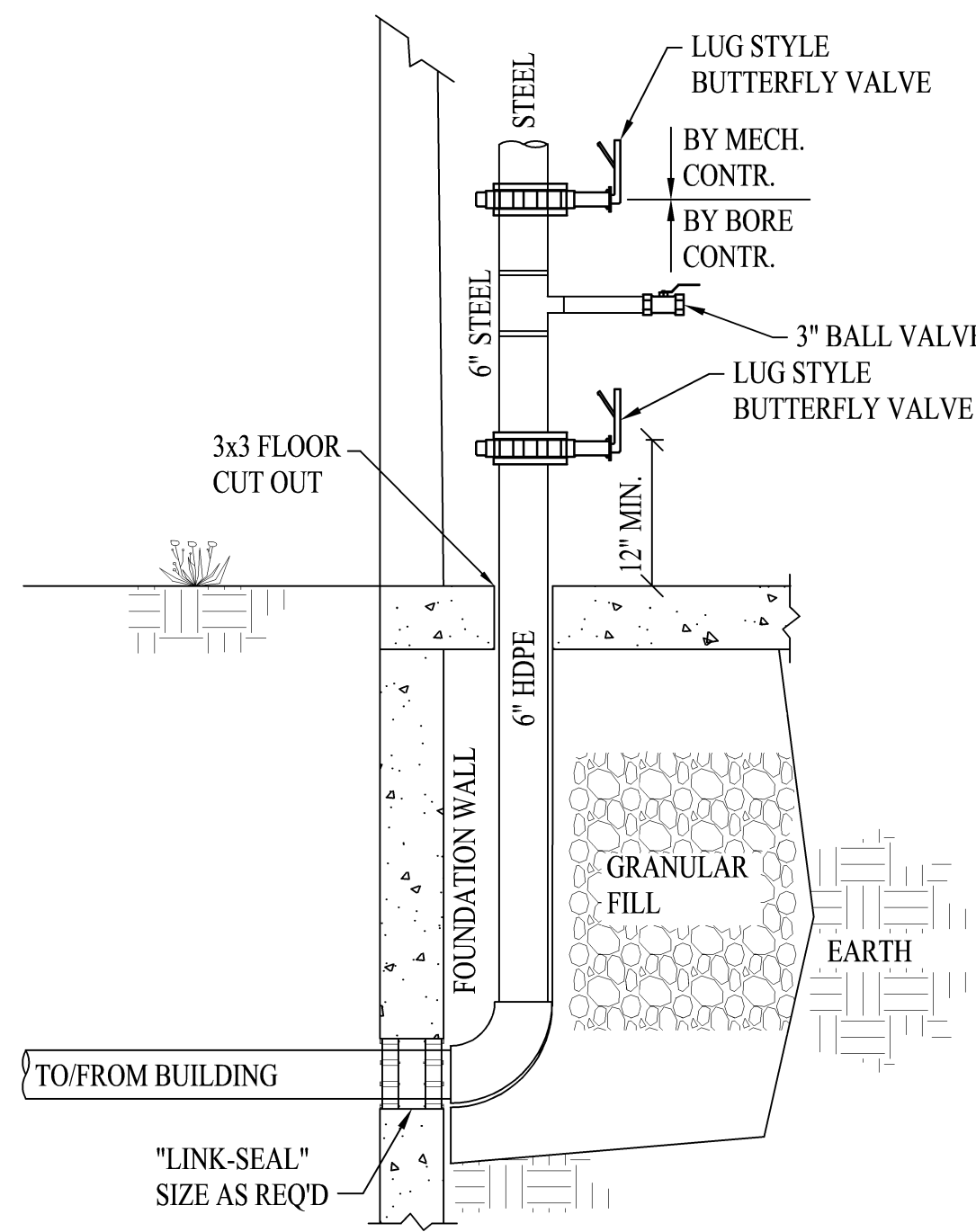
EXTENSION OPERATOR TO FIT VALVE HANDLE

3/8" GALV. STEEL WASHER EPOXIED TO TOP OF CAP. METAL DETECTOR USED TO LOCATE



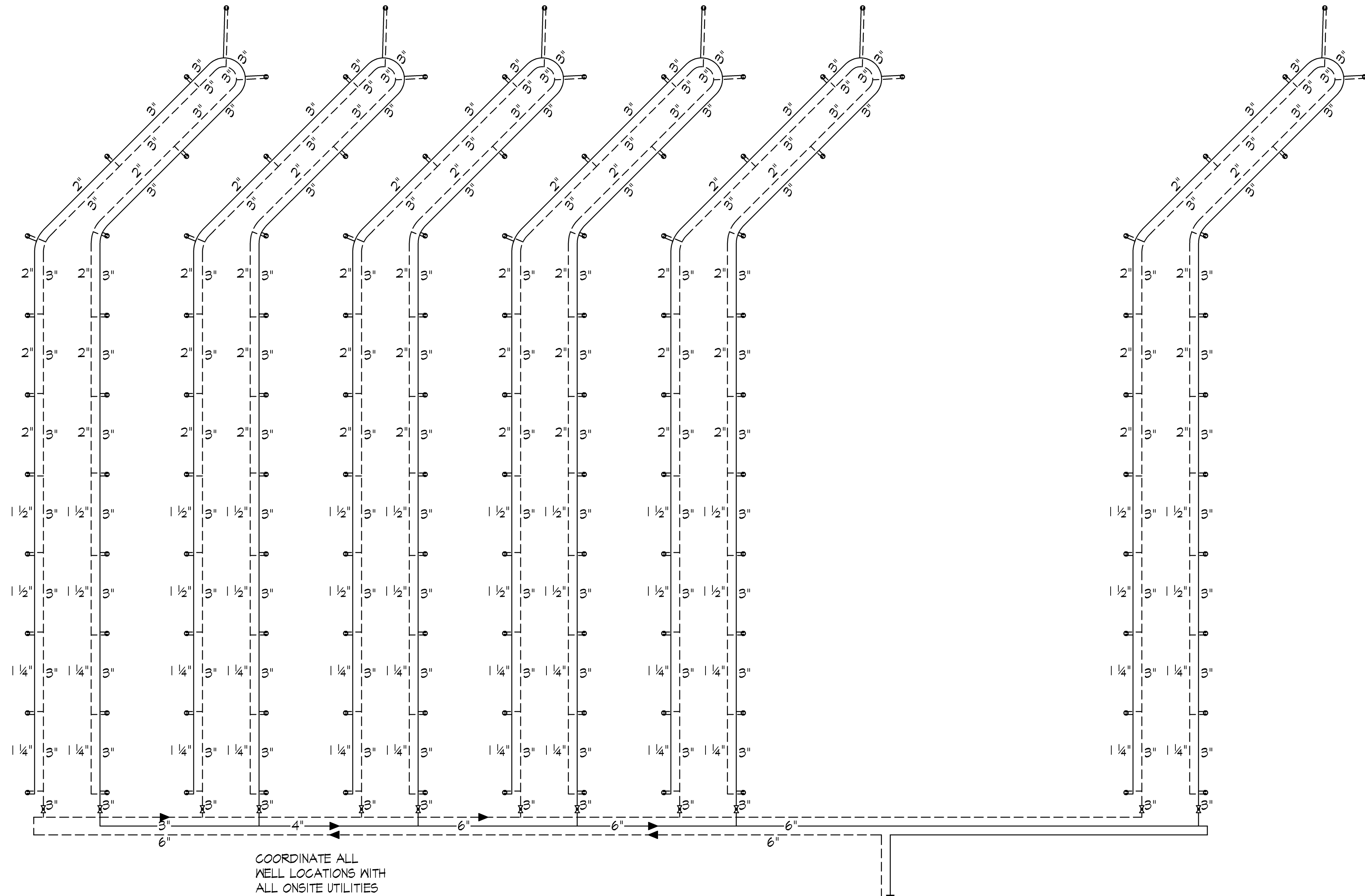
**04 WELL FIELD ISOLATION VALVE DETAIL**

SCALE: NONE



**05 INTERIOR PURGE VALVE DETAIL**

SCALE: NONE



CHIDDIX JUNIOR HIGH	
TEST BORE DRILL LOG 1-27-21	
0-11'	TOPSOIL
11'-36'	COARSE SAND AND GRAVEL W/ SOME LARGE ROCK
36'-40'	GRAVELLY CLAY
40'-78'	GRAVELLY GREY CLAY
78'-120'	SANDY SILTY GREY CLAY
120'-132'	COARSE SAND AND GRAVEL
132'-216'	SANDY GRAVELLY GREY CLAY
216'-225'	HARD CLAY
225'-230'	GRAVEL THEN CAP ROCK
230'-292'	SHALE
292'-295'	HARD ROCK
295'-395'	SHALE
395'-400'	STICKY SHALE

Purge Circuits	1.00
Calc Purge Volume	189.65 gpm
Purge Head	36.13 Ft
Purge Valve Size	3.00
System Flow	550 GPM
Loopfield Design PD	24.6 FT
Well field volume	1282 M <sup>3</sup> 3
Glycol Mat	1804 Gallons

INTERIOR PURGE VALVE SEE DETAIL 05/MO 2

**01 BOREFIELD SITE LAYOUT**

SCALE: 1/16"=1'-0"

**DRAWING FOR REFERENCE ONLY  
BOREFIELD IS BID UNDER  
SEPARATE PROJECT.**

NO.	DATE	REVISIONS	REMARKS
1	01-28-2021	ADDENDUM #1	

THE CONTRACTOR SHALL VERIFY CONDITIONS & DIMENSIONS ON THE JOB. INFORMATION SHOWN ON ANY PART OF THESE DRAWINGS SHALL APPLY TO THE WORK UNLESS SET FORTH OTHERWISE.

ENTIRE SHEET REVISED