

CONSTRUCTION PLANS

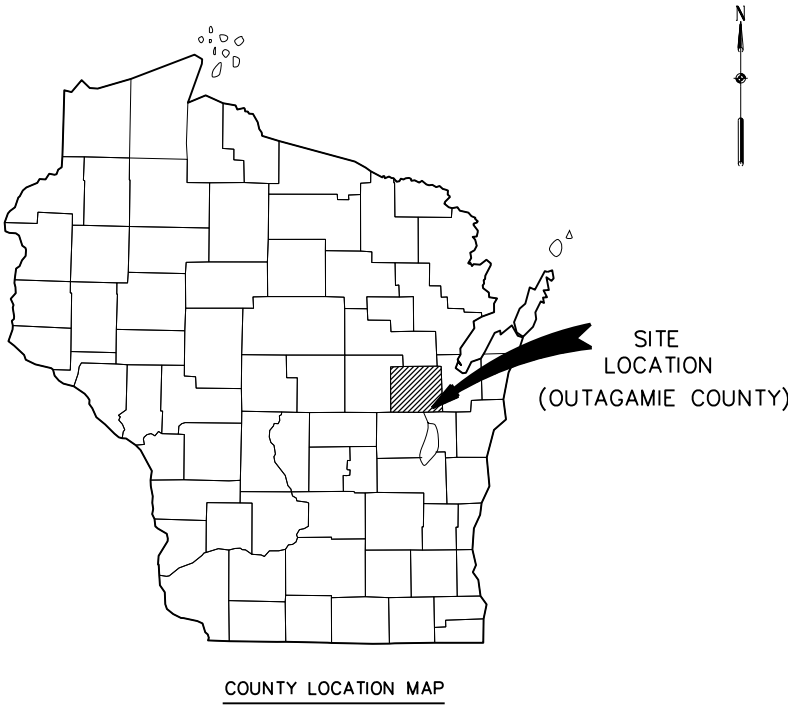
2017 HORIZONTAL GAS WELL INSTALLATION

OUTAGAMIE COUNTY NORTHEAST AREA 6 LANDFILL

OUTAGAMIE COUNTY, WISCONSIN

JULY, 2017

Prepared By



COUNTY LOCATION MAP



SITE LOCATION MAP

Source: Microsoft MapPoint®

INDEX	
DRAWING NO.	DESCRIPTION
1	TITLE SHEET
2	EXISTING SITE CONDITIONS - NOVEMBER 12, 2016
3	HORIZONTAL GAS WELL INSTALLATION - ~780' ELEVATION
4	HORIZONTAL GAS WELL INSTALLATION - ~800' ELEVATION
5	LEACHATE RECIRCULATION SYSTEM INSTALLATION - ~800' ELEVATION
6	GAS LATERAL AND COMPRESSED AIR PIPING INSTALLATION
7	DETAILS
8	DETAILS
9	DETAILS

NOTE: THESE DRAWINGS ARE ACCOMPANIED BY A REQUEST FOR BIDS OF THE SAME TITLE. THESE DOCUMENTS ARE INTERRELATED AND INTENDED TO BE USED TOGETHER.

REUSE OF DOCUMENTS
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CONSTRUCTION PLANS
2017 HORIZONTAL GAS WELL AND LEACHATE
RECIRCULATION SYSTEM INSTALLATION
OUTAGAMIE COUNTY NORTHEAST AREA 6 LANDFILL
OUTAGAMIE COUNTY, WISCONSIN

REVISIONS	
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RECORD DRAWING OF COMPLETED CONSTRUCTION BY _____

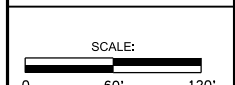
RECORD DRAWINGS OF COMPLETED CONSTRUCTION _____

CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS, _____

BY _____ DATE _____

DATE OF PREPARATION		
	BY	DATE
SURVEYED		
DRAWN	MRS	7/17
DESIGNED	MRS	7/17
CHECKED	DJM4	7/17

HORIZONTAL
GAS WELL
INSTALLATION -
~ 780' ELEVATION



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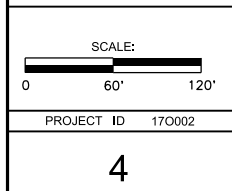


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RECIRCULATION SYSTEM INSTALLATION
OUTAGAMIE COUNTY NORTHEAST AREA 6 LANDFILL
OUTAGAMIE COUNTY, WISCONSIN

REVISIONS	
NO. BY	DATE DESCRIPTION
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RECORD DRAWING OF COMPLETED CONSTRUCTION BY _____	
RECORD DRAWINGS OF COMPLETED CONSTRUCTION CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS, BY _____ DATE _____	

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HORIZONTAL
GAS WELL
INSTALLATION -
~ 800' ELEVATION

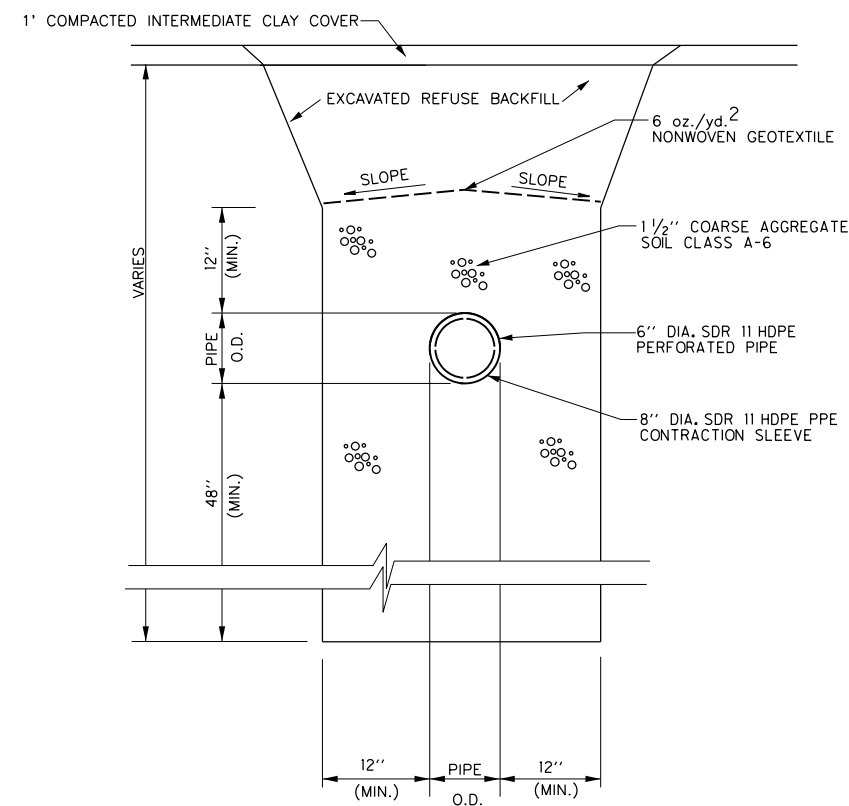


pw:\PIW\APS1\foth.com\PW_EIDocuments\Clients\Otagamie Co Recvs SW WI00170002.00\CAD\2017 Horizontal gas wells\Drawing No. 4 gas well installation 805.dgn
7/13/2017 3:08:23 PM mms

1. THE OUTAGAMIE COUNTY PROPERTY IS LOCATED IN S-2/3 SECTION 17, T21N, R18E, TOWN OF GRAND CHUTE AND TOWN OF VANDENBROEK, OUTAGAMIE COUNTY, WISCONSIN.
2. TOPOGRAPHIC BASE MAP PREPARED FROM AERIAL SURVEY BY CONTINENTAL MAPPING, SUN PRAIRIE, WI. DATE OF PHOTOGRAPHY - NOVEMBER 12, 2016.

3. SITE GRID SYSTEM IS THE OUTAGAMIE COUNTY COORDINATE SYSTEM.
4. CONTOURS SHOWN WITHIN PHASES 1 & 2 REPRESENT ESTIMATED GRADES AT TIME OF INSTALLATION.
5. ELEVATIONS AND LOCATIONS OF PIPING SUBJECT TO CHANGE BASED ON ACTUAL ELEVATION OF EXISTING FILL AT THE TIME OF INSTALLATION.

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1' COMPACTED INTERMEDIATE CLAY COVER

EXCAVATED REFUSE BACKFILL

6 oz./yd.² NONWOVEN GEOTEXTILE

SLOPE

1 1/2" COARSE AGGREGATE SOIL CLASS A-6

12" (MIN.)

PIPE O.D.

12" (MIN.)

6" DIA. SDR 11 HDPE PERFORATED PIPE

12" (MIN.)

PIPE O.D.

12" (MIN.)

VARIABLES (4.5' TO 7')

COMPACTED CLAY BACKFILL

EXISTING INTERMEDIATE COVER

12"

12"

6" DIA. SDR 11 HDPE LATERAL PIPE

REFUSE

REFUSE

HORIZONTAL GAS WELL DETAIL

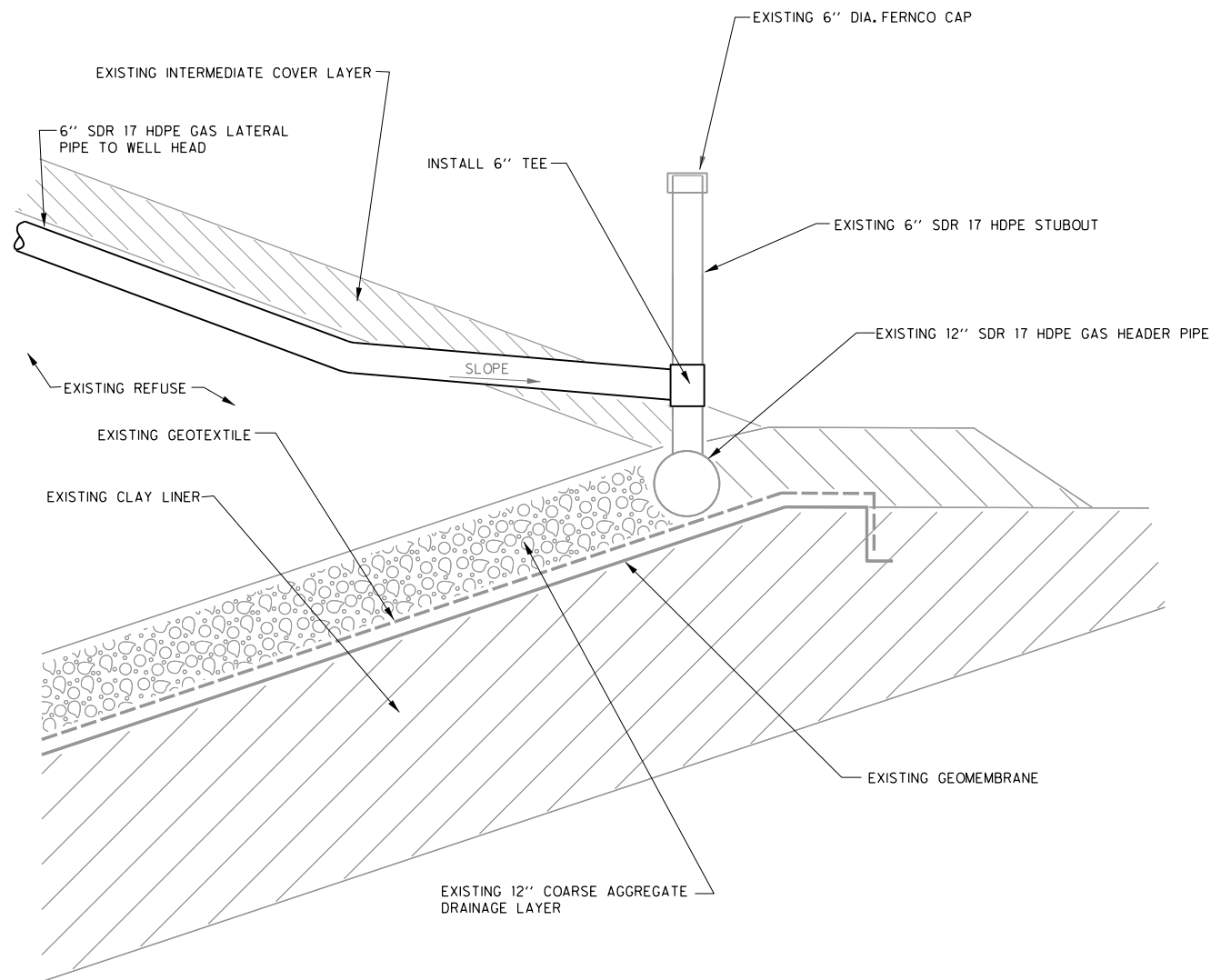


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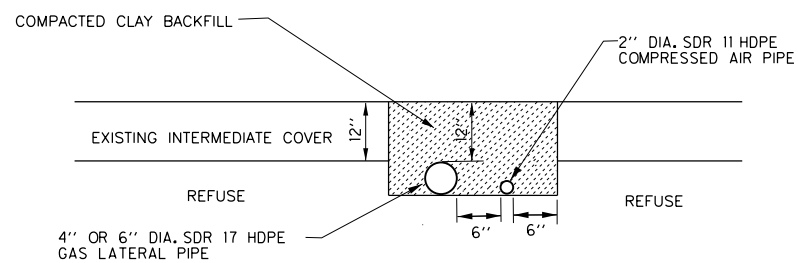
DATE OF PREPARATION			REVISIONS	
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DESIGNED	MRS	7/17	△	
CHECKED	DJM4	7/17	△	
RECORD DRAWING OF COMPLETED CONSTRUCTION BY				
RECORD DRAWINGS OF COMPLETED CONSTRUCTION			CONFORMING TO CONTRACTOR AND/OR OWNERS RECORDS,	
			BY DATE	

PROJECT ID	17O002
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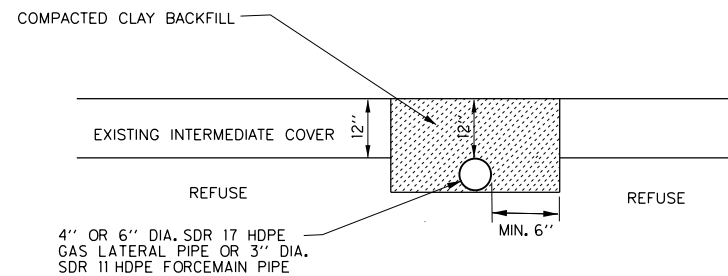
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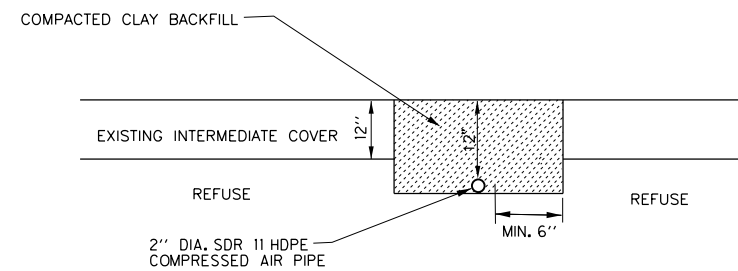
1 TYPICAL CONNECTION TO EXISTING STUBOUT
8 NOT TO SCALE



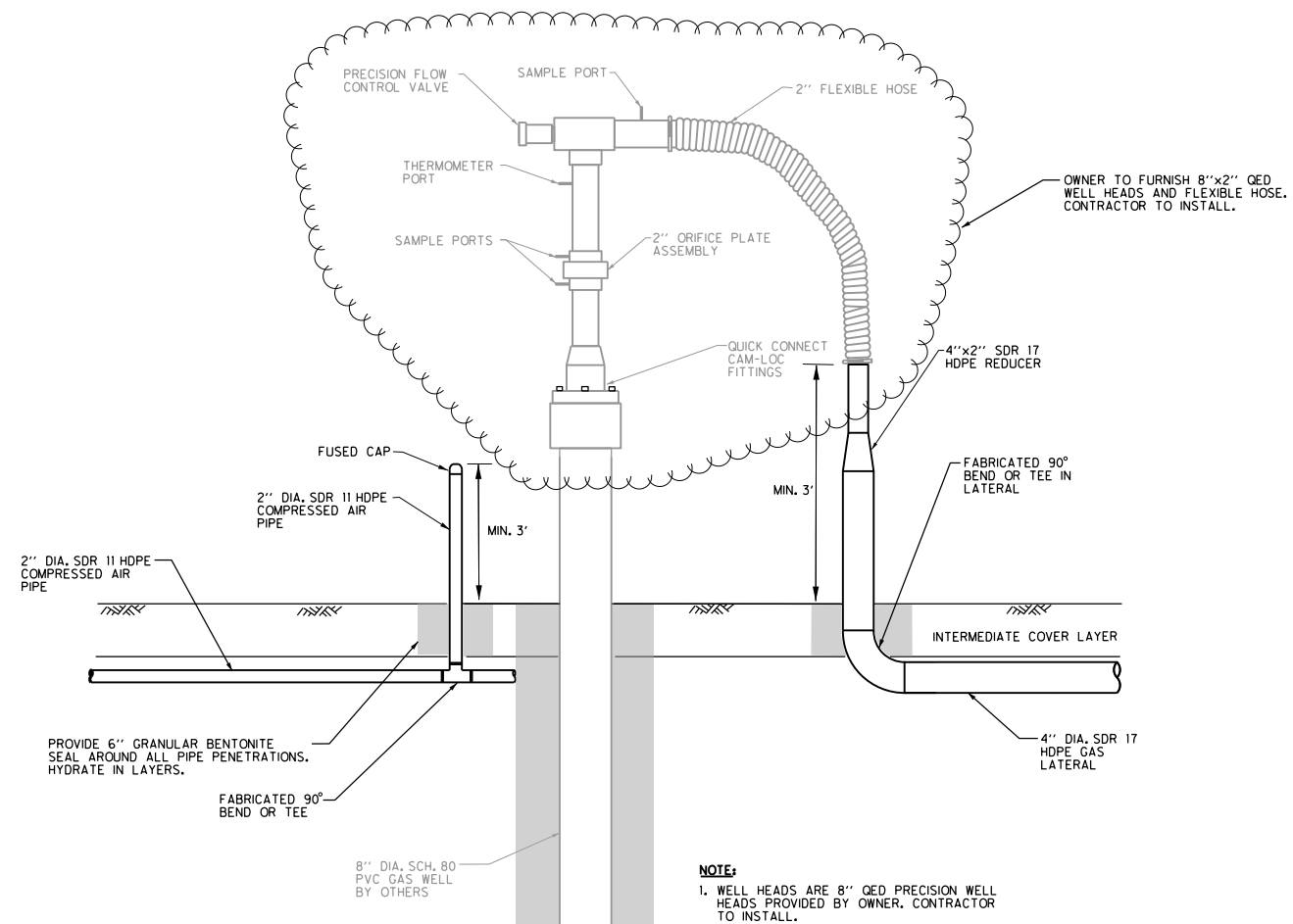
4 TYPICAL GAS LATERAL/COMPRESSED AIR PIPE TRENCH DETAIL
8 NOT TO SCALE



2 TYPICAL GAS LATERAL OR FORCEMAIN PIPE TRENCH DETAIL
8 NOT TO SCALE



3 TYPICAL COMPRESSED AIR PIPE TRENCH DETAIL
8 NOT TO SCALE



5 TYPICAL VERTICAL GAS WELL HEAD INSTALLATION
8 NOT TO SCALE

NOTE:
1. WELL HEADS ARE 8" QED PRECISION WELL HEADS PROVIDED BY OWNER. CONTRACTOR TO INSTALL.

