## CONSTRUCTION DRAWINGS FOR

## DECEMBER 2015 LANDFILL GAS ENHANCEMENTS BRIDGETON LANDFILL

BRIDGETON, ST. LOUIS COUNTY, MISSOURI

**NOVEMBER 2015** 

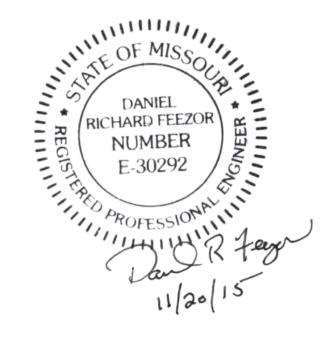
PREPARED FOR: BRIDGETON LANDFILL, LLC.

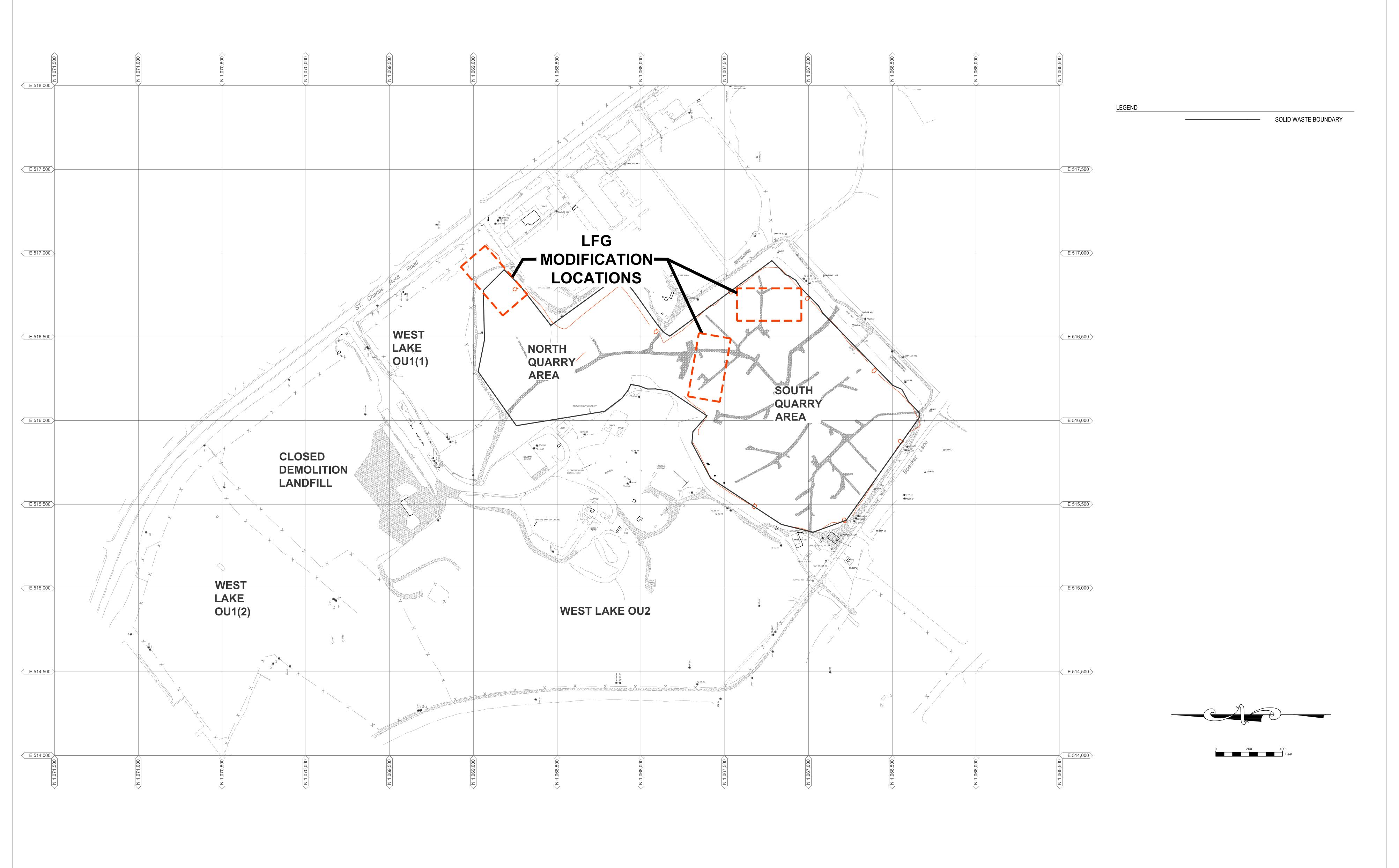


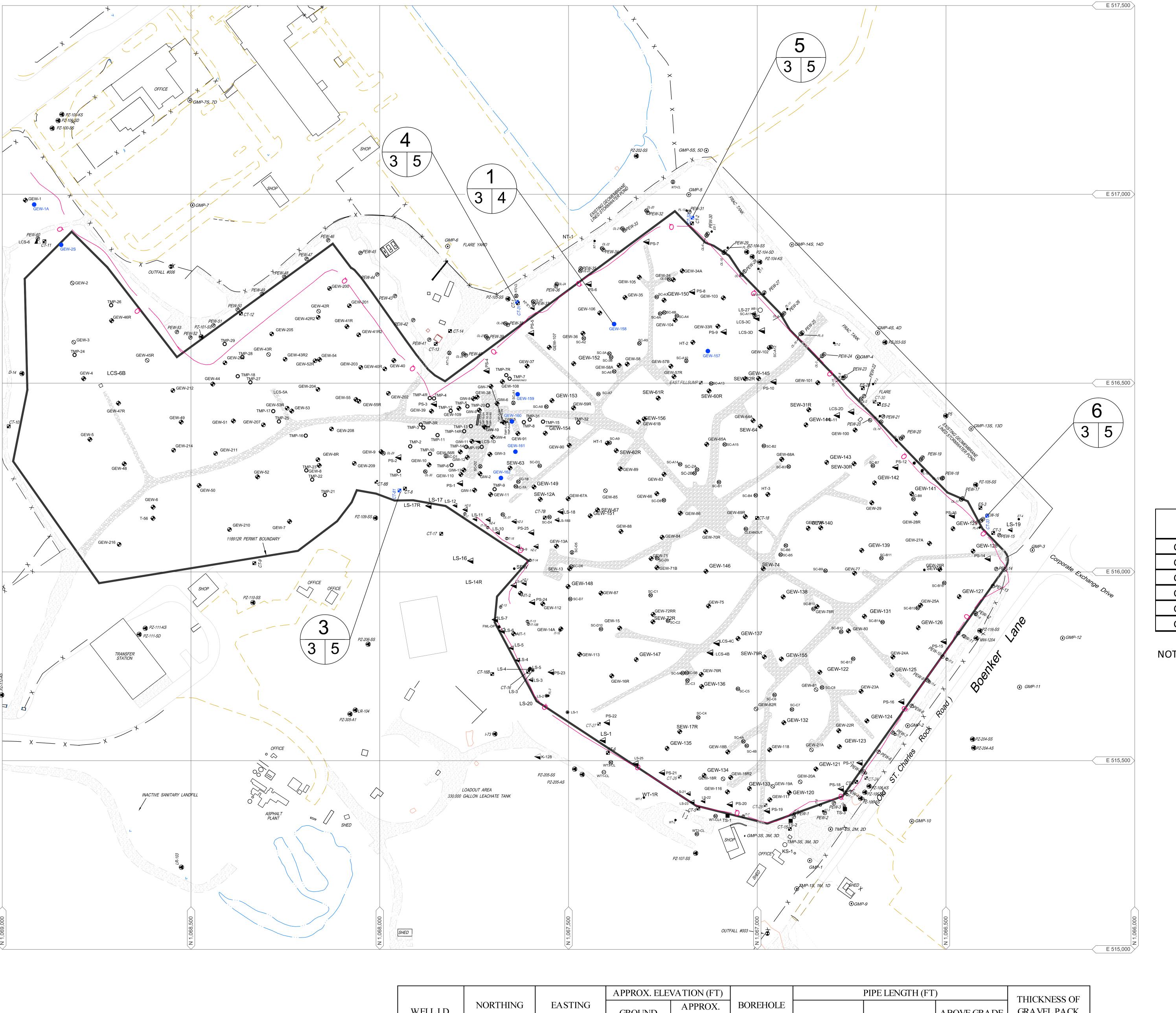
3405 HOLLENBERG DRIVE BRIDGETON, MO 63044 TEL. (314) 736-5794

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002	FULL SITE PLAN VIEW				
003	2015 LFG MODIFICATIONS PLAN VIEW				
004-005	DETAILS				

C:\Users\Diane\Desktop\BT-081 DEC 2015 LFG WORK\DRAWINGS\Sheets 1-2\BT-081-CD-001 (Title Sheet).dwg



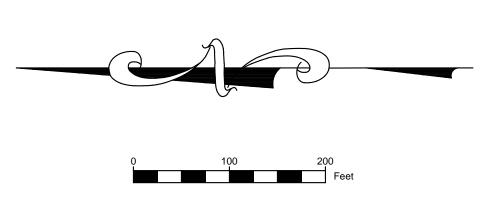




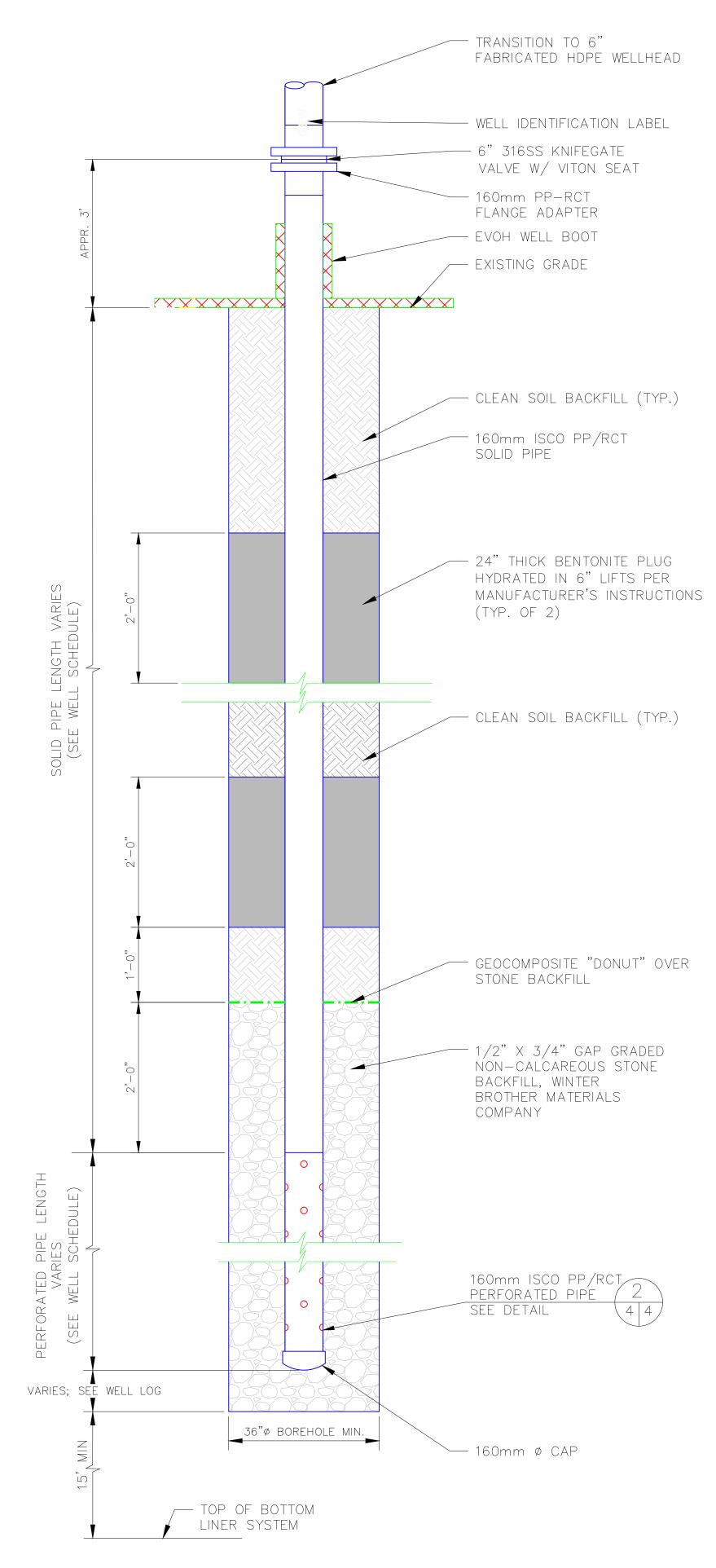
	SOLID WASTE BOUNDARY
<b>⊙</b> <i>GMP-4</i>	GAS MONITORING PROBE
<b>♠</b> PZ-204-AS	PIEZOMETER MONITORING WELL
<b>⊕</b> GEW-38	GAS EXTRACTION WELL
<b>©</b> GEW-85	DUAL GAS EXTRACTION WELL
<b>⊕</b> SEW-63	SURFACE EXTRACTION WELL
• <b>⊕</b> PEW-20	PERIMETER GAS EXTRACTION WELL
$\bowtie$	LFG ISOLATION VALVE
$\bowtie$	LEACHATE ISOLATION VALVE
•	FLOW METER
€	GRIT CHAMBER
<b>(</b>	LIFT STATION
<b>□</b> CT-1	CONDENSATE SUMP
<b>■</b> <i>CT/HC-1</i>	CONDENSATE TRAP/HEADER CONNECTION SUMF
<b>⊚</b> LS-1 <b>L</b> S-6	LEACHATE COLLECTION SUMP
<b>▲</b> HZ-1	HORIZONTAL COLLECTION SUMP
<b>▲</b> PS-15	PERIMETER SUMP
▲ LCS-2D	LEACHATE COLLECTION SUMP
<b>⊚</b> SC-B1	SURFACE COLLECTOR
<b>⊠</b> TMP-9	TEMPERATURE MONITORING PROBE
<b>⊕</b> GC-3	SUBSURFACE RCP WELLS
● ET-2	TRENCH SUMP
<b>⑦</b> /T-7	INTERCEPTION TRENCH RISER
● <i>PL-7</i>	PERIMETER LEACHATE SUMP
•	WELL HEAD RISER
(₩3) WB-1	WELL BORE BOOT
<b>■</b> TS-1	TRENCH SUMP
@ OL-12	OVER LINER TIE IN POINT
<b>⊕</b> GIW-4	GAS INTERCEPTOR WELL
@	CLEAN OUT
	POWER PANEL
Q	QUARRY WALL
	BUILDING
	BOILDING
	HAUL ROAD
10000000000000000000000000000000000000	INTERCEPTOR TRENCH SUMP
•	
<b>⊕</b> GIW-4	HEAT REMOVAL POINT
<b>GEW-157</b>	PROPOSED GAS EXTRACTION WELL
<b>■</b> <i>CT-32</i>	PROPOSED CONDENSATE SUMP

WELL			BOREHOLE DEPTH
I.D.	NORTHING	EASTING	(FT)
GEW-1501	1067130.74	516584.74	40
GEW-1502	1067379.11	516656.32	40
GEW-1503	1067634.68	516470.43	40
GEW-1504	1067649.96	516398.25	40
GEW-1505	1067640.62	516318.30	40
GEW-1506	1067678.99	516248.55	40

NOTE: ACTUAL DEPTHS TO BE DETERMINED IN THE FIELD



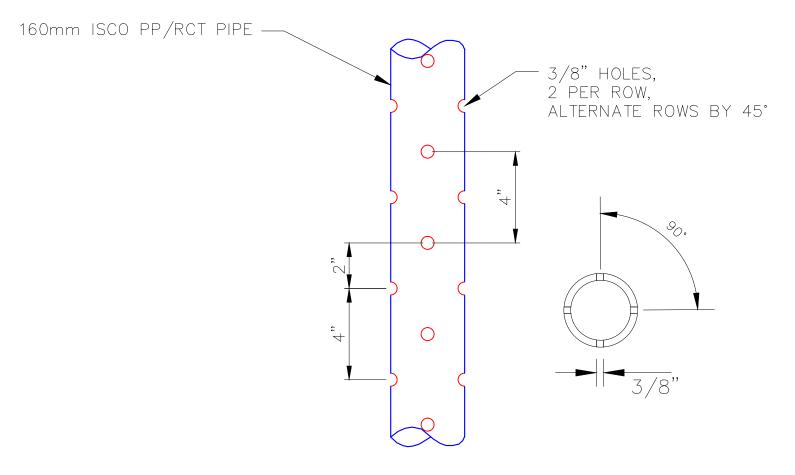
			APPROX. ELEVATION (FT)		PIPE LENGTH (FT)			THICKNESS OF	
WELL I.D.	NORTHING (FT)	EASTING (FT)	GROUND SURFACE	APPROX. DEPTH QUARRY	BOREHOLE DEPTH (FT)	PERFORATED	SOLID WALL	ABOVE GRADE RISER	GRA VEL PA CK (FT)
GEW-1A	1068915.6	516972.9	477.6	406.0	72	51	20	4	54
GEW-2S	1068844.0	516866.2	484.1	398.0	86	65	20	4	68



1. THE GAS WELL DEPTH, MATERIAL OF CONSTRUCTION, PERFORATION PATTERN AND BACKFILL MATERIAL WERE SPECIFIED BY BRIDGETON LANDFILL, LLC.

<u>NOTES:</u>





## NOTES:

- 1. PERFORATIONS SPACED 90° APART HORIZONTALLY.
- 2. PERFORATIONS SPACED 4" APART VERTICALLY.
- 3. 90° AND 270° ROWS STAGGERED 2" BELOW 0° AND 180° ROWS.
- 4. THE MATERIAL OF CONSTRUCTION AND PERFORATION PATTERN WERE SPECIFIED BY BRIDGETON LANDFILL, LLC.



NOTES:

1. Boring depths determined by Bridgeton Landfill, LLC, personnel depending on conditions of boring.

BRIDGETON LANDFILL, LLC
13570 ST. CHARLES ROCK ROAD
BRIDGETON, MISSOURI 63044

BRIDGETON LANDFILL
DECEMBER 2015
LFG MODIFICATIONS

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FEEZOR
ENGINEERING, INC.

PROJECT NUMBER: BT-081 FILE PATH:

DRAWING NO.:

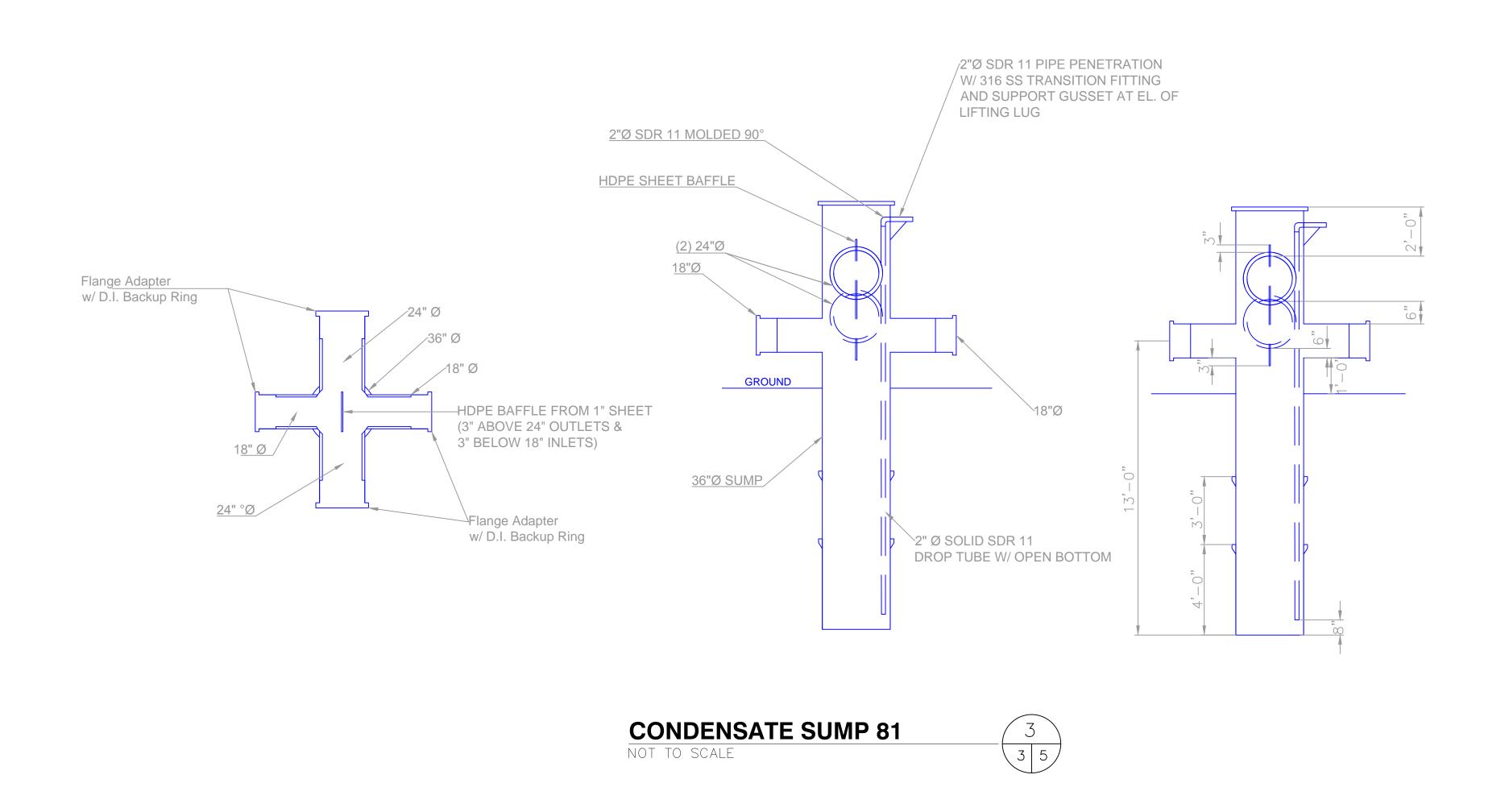
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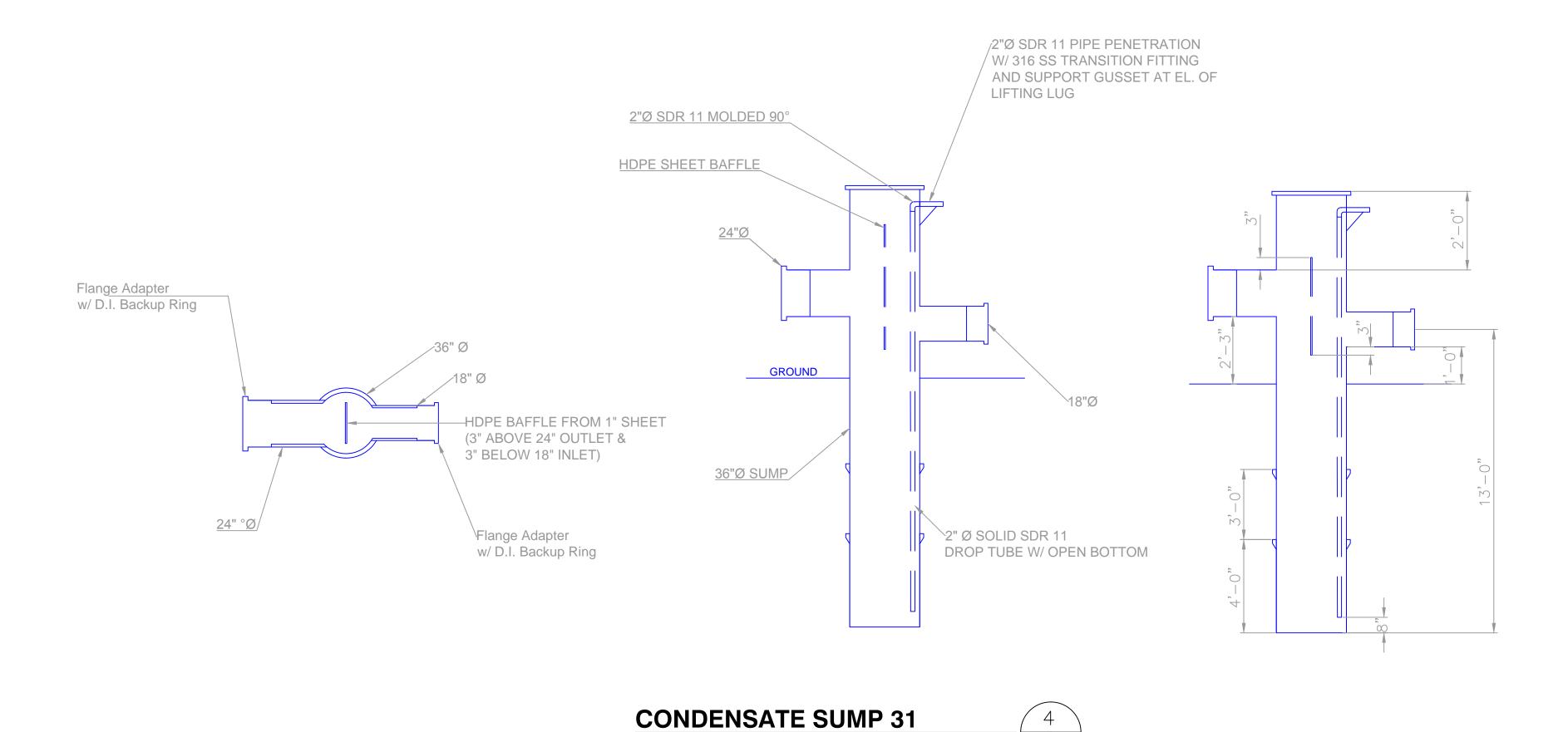
DRAWING NO.:

DESIGNED BY: BJV
APPROVED BY: ALK

DESIGNED BY: BJV
APPROVED BY: ALK

ENGINEERING, INC.
REVISION DATE





NOT TO SCALE

