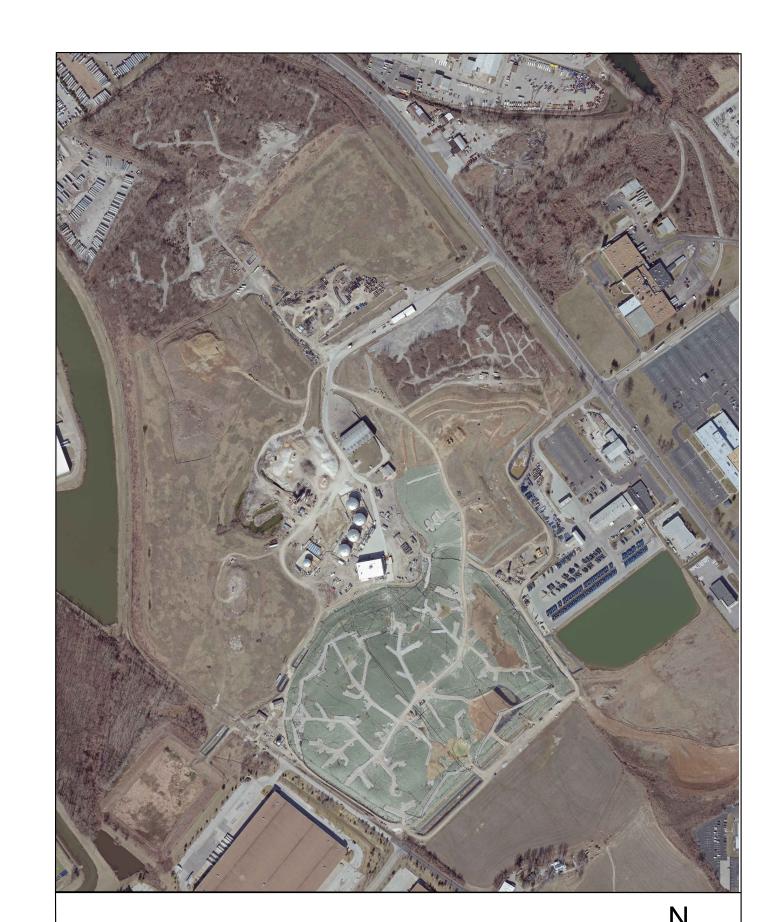
BRIDGETON LANDFILL 2016 Q4 INFRASTRUCTURE UPDATE

JANUARY 2017 PREPARED FOR:

BRIDGETON LANDFILL, LLC

13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044





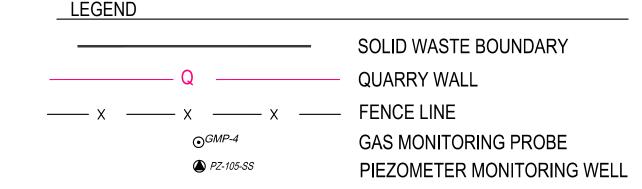


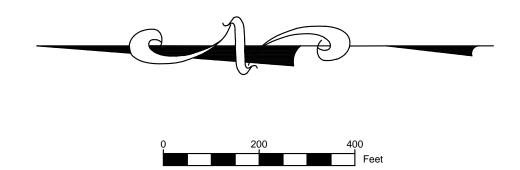
3377 HOLLENBERG DRIVE BRIDGETON, MO 63044 TEL. (217) 483-3118 FAX. (217) 483-2356

	INDEX OF DRAWINGS
	TITLE PAGE
001	FULL SITE PLAN VIEW W/ AERIAL
002	FULL SITE PLAN VIEW
003	2016 Q4 SITE INFRASTRUCTURE PLAN
004	2016 Q4 SITE INFRASTRUCTURE - UPDATES IN Q4 SHOWN IN COLOR
005	2016 Q4 SITE INFRASTRUCTURE - INFRASTRUCTURE REMOVED



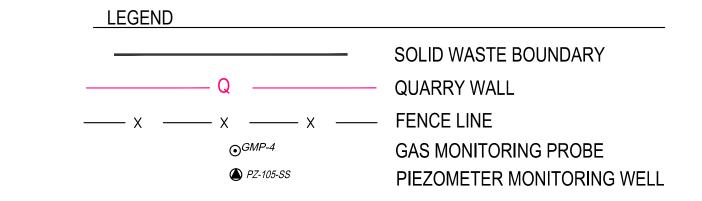


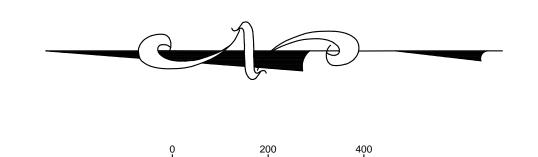




PROJECT NO: BT-130 FILE PATH: D:\Andrew-FEI-Documents\Dropbox (Feezor Engineering)\BT-092 - 2016 Q4 Infrastructrue Submittal - WORKING





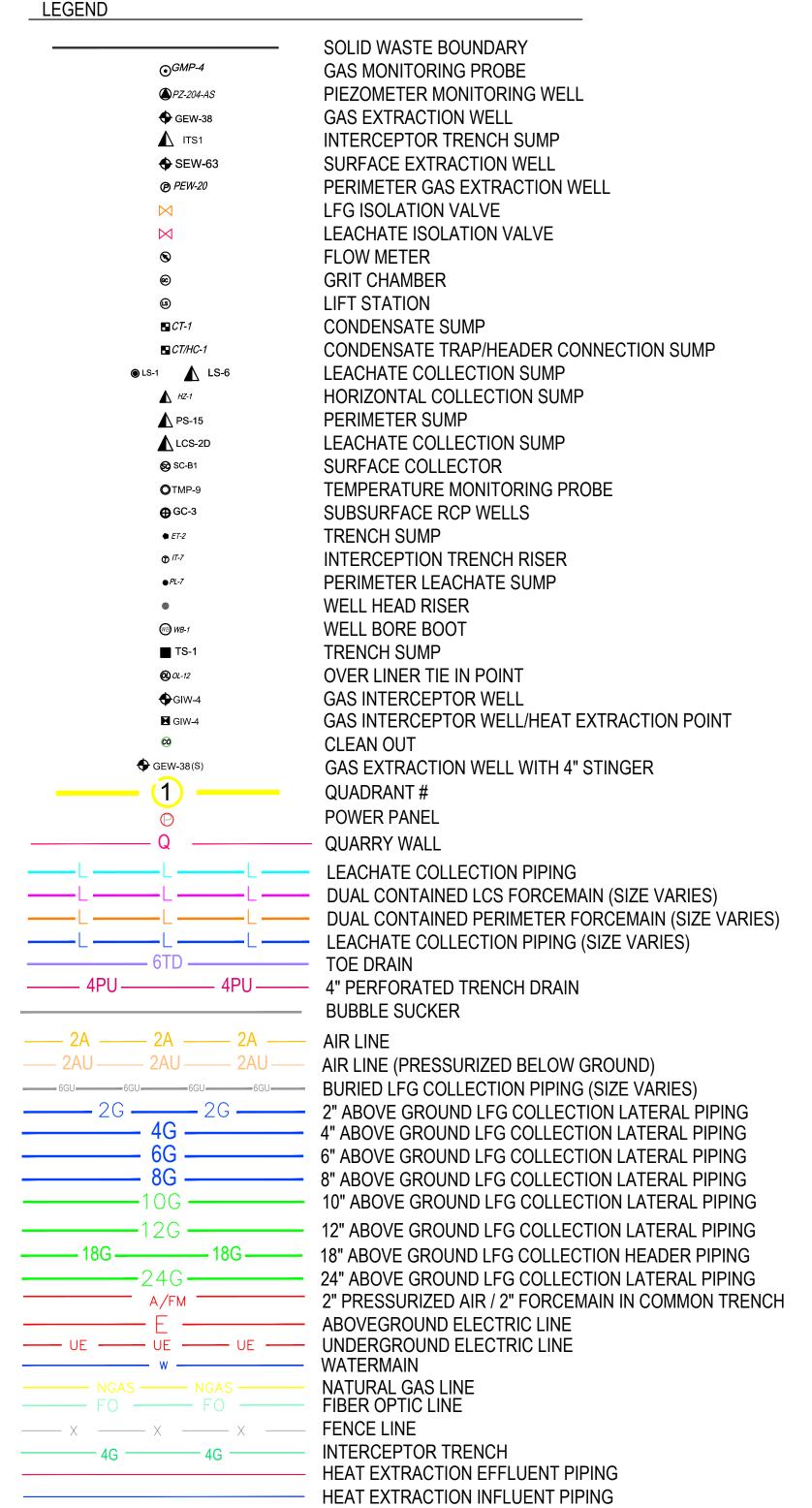


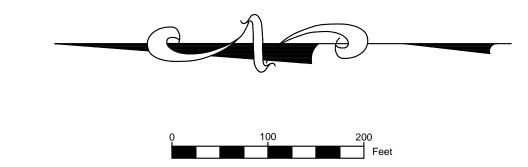
FULL SITE PLAN VIEW

PROJECT NO: BT-130 FILE PATH: D:\Andrew-FEI-Documents\Dropbox (Feezor Engineering)\BT-092 - 2016 Q4 Infrastructrue Submittal - WORKING

ENGINEERING, INC.







BUILDING

HAUL ROAD

NOTE

NOTES:

1. — GAS AND LIQUID EXTRACTION POINTS THAT HAVE BEEN TEMPORARILY DECOMMISSIONED (PHYSICALLY DISCONNECTED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO DECLINING GAS FLOWS), AND/OR ABANDONED, (PERMANENTLY AND PHYSICALLY REMOVED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO INABILITY TO COLLECT GAS) HAVE BEEN REMOVED FROM THE SITE INFRASTRUCTURE UPDATE.

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

2016 Q4 SITE INFRASTRUCTURE
Engineering for a Better World
ENGINEERING, INC.

PROJECT NO: BT-130 FILE PATH: D:\Andrew-FEI-Documents\Dropbox (Feezor Engineering)\BT-092 - 2016 Q4 Infrastructrue Submittal - WORKING



1. - SEVERAL SIGNIFICANT PROJECTS ARE CURRENTLY UNDER CONSTRUCTION AT SITE. AS-BUILTS TO BE SUBMITTED UPON COMPLETION AND

CERTIFICATION.

2. — GAS AND LIQUID EXTRACTION POINTS THAT HAVE BEEN TEMPORARILY DECOMMISSIONED (PHYSICALLY DISCONNECTED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO DECLINING GAS FLOWS), AND/OR ABANDONED, (PERMANENTLY AND PHYSICALLY REMOVED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO INABILITY TO COLLECT GAS) HAVE BEEN REMOVED FROM THE SITE INFRASTRUCTURE UPDATE..

SOLID WASTE BOUNDARY

♦ GEW-38 ▲ ITS1

♦ SEW-63

◆ GEW-38(S)

GAS MONITORING PROBE PIEZOMETER MONITORING WELL GAS EXTRACTION WELL INTERCEPTOR TRENCH SUMP SURFACE EXTRACTION WELL PERIMETER GAS EXTRACTION WELL

⊕ PEW-20 LFG ISOLATION VALVE LEACHATE ISOLATION VALVE **FLOW METER GRIT CHAMBER**

LIFT STATION **CONDENSATE SUMP** CONDENSATE TRAP/HEADER CONNECTION SUMP **₽** CT/HC-1 LEACHATE COLLECTION SUMP

HORIZONTAL COLLECTION SUMP PERIMETER SUMP LEACHATE COLLECTION SUMP LCS-2D

⊗ SC-B1 SURFACE COLLECTOR TEMPERATURE MONITORING PROBE **○**TMP-9 SUBSURFACE RCP WELLS TRENCH SUMP

INTERCEPTION TRENCH RISER PERIMETER LEACHATE SUMP WELL HEAD RISER WELL BORE BOOT TRENCH SUMP OVER LINER TIE IN POINT

GAS INTERCEPTOR WELL GAS INTERCEPTOR WELL/HEAT EXTRACTION POINT **CLEAN OUT**

GAS EXTRACTION WELL WITH 4" STINGER QUADRANT# POWER PANEL QUARRY WALL

LEACHATE COLLECTION PIPING DUAL CONTAINED LCS FORCEMAIN (SIZE VARIES) DUAL CONTAINED PERIMETER FORCEMAIN (SIZE VARIES) LEACHATE COLLECTION PIPING (SIZE VARIES)

TOE DRAIN ——— 4PU ———— 4" PERFORATED TRENCH DRAIN **BUBBLE SUCKER** —— 2A —— 2A —— AIR LINE

— 2AU — 2AU — 2AU — AIR LINE (PRESSURIZED BELOW GROUND) BURIED LFG COLLECTION PIPING (SIZE VARIES) 2G 2" ABOVE GROUND LFG COLLECTION LATERAL PIPING 4" ABOVE GROUND LFG COLLECTION LATERAL PIPING 6" ABOVE GROUND LFG COLLECTION LATERAL PIPING 8" ABOVE GROUND LFG COLLECTION LATERAL PIPING 10" ABOVE GROUND LFG COLLECTION LATERAL PIPING — 12" ABOVE GROUND LFG COLLECTION LATERAL PIPING 18G — 18" ABOVE GROUND LFG COLLECTION HEADER PIPING 24" ABOVE GROUND LFG COLLECTION LATERAL PIPING

2" PRESSURIZED AIR / 2" FORCEMAIN IN COMMON TRENCH ABOVEGROUND ELECTRIC LINE — UE — UE — UNDERGROUND ELECTRIC LINE WATERMAIN NGAS NGAS NATURAL GAS LINE FIBER OPTIC LINE _____ × ____ × ____ FENCE LINE

4G — 4G — INTERCEPTOR TRENCH HEAT EXTRACTION EFFLUENT PIPING HEAT EXTRACTION INFLUENT PIPING BUILDING

HAUL ROAD





BRIDGETON LANDFILL, LLC BRIDGETON LANDFILL DESIGNED BY: AMR 2016 Q4 INFRASTRUCTURE 13570 ST. CHARLES ROCK ROAD APPROVED BY: DRF BRIDGETON, MISSOURI 63044 UPDATE 2016 Q4 SITE INFRASTRUCTURE (UPDATES IN Q4 SHOWN IN COLOR) ENGINEERING, INC.



LEGEND

SOLID WASTE BOUNDARY

Q Q Q QUARRY WALL

X X X X FENCE LINE

REMOVED LEACHATE COLLECTION PIPING (SIZE VARIES)

2A 2A 2A REMOVED ABOVE GROUND LFG COLLECTION LATERAL PIPING (SIZE VARIES)

REMOVED ABOVE GROUND LFG COLLECTION HEADER PIPING (SIZE VARIES)

NOTES:

1. — SEVERAL SIGNIFICANT PROJECTS ARE CURRENTLY UNDER CONSTRUCTION

AT SITE. AS—BUILTS TO BE SUBMITTED UPON COMPLETION AND

CERTIFICATION.

2. — GAS AND LIQUID EXTRACTION POINTS THAT HAVE BEEN TEMPORARILY DECOMMISSIONED (PHYSICALLY DISCONNECTED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO DECLINING GAS FLOWS), AND/OR ABANDONED, (PERMANENTLY AND PHYSICALLY REMOVED FROM THE COLLECTION AND CONTROL SYSTEM DUE TO INABILITY TO COLLECT GAS) HAVE BEEN REMOVED FROM THE SITE INFRASTRUCTURE UPDATE..

0 100 200

BRIDGETON LANDFILL, LLC	BRIDGETON LANDFILL			JANUAF		DRAWING NO
13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044			Engineering for a Better World	DESIGNED BY: AMR APPROVED BY: DRF		00E
2016 Q4 SITE INFRASTRUCTURE (INFRASTRUCTURE REMOVED IN Q4)) ENGINEERING, INC.						UUS