BRIDGETON LANDFILL 2017 Q1 INFRASTRUCTURE UPDATE

APRIL 2017 PREPARED FOR:

BRIDGETON LANDFILL, LLC

13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044



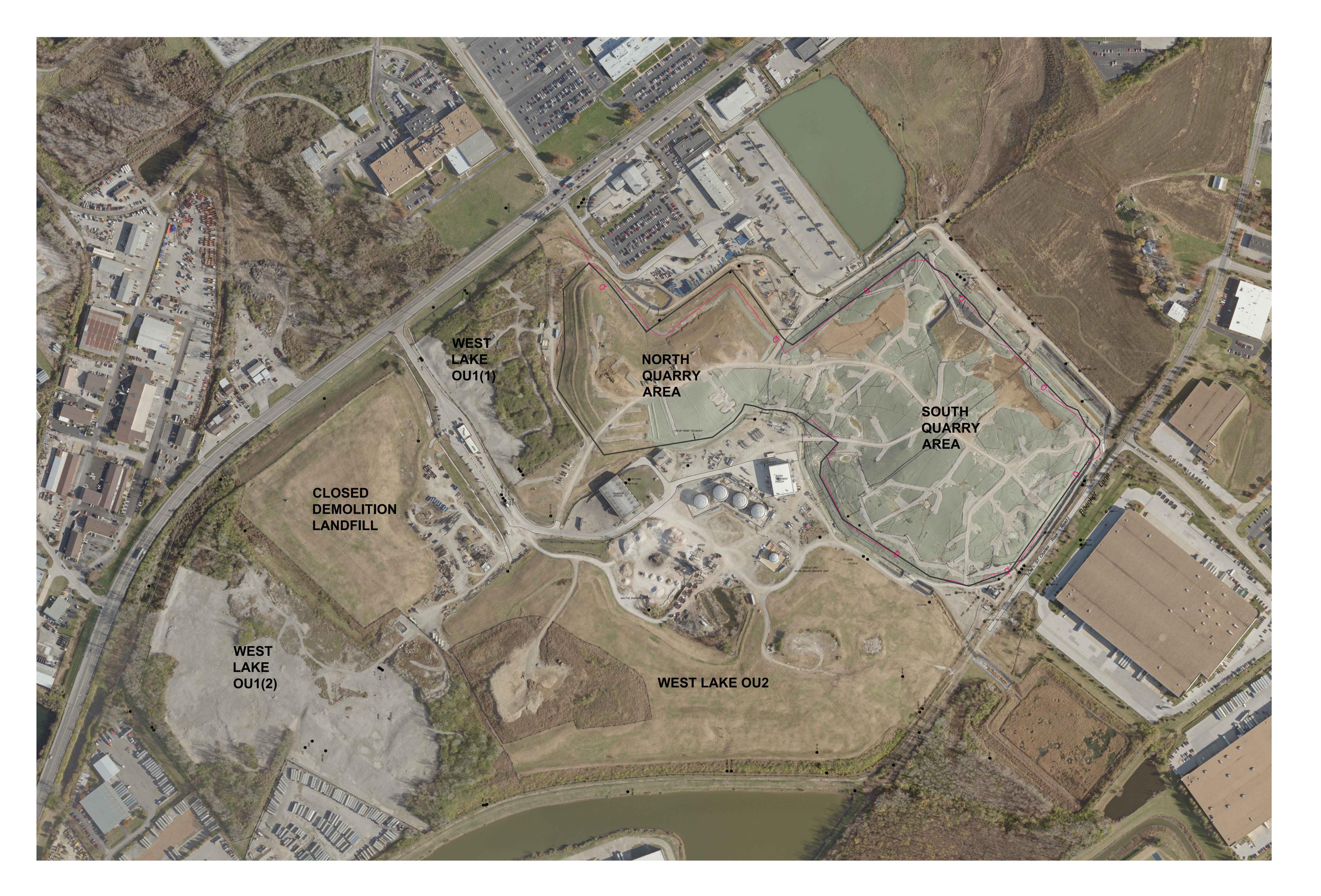


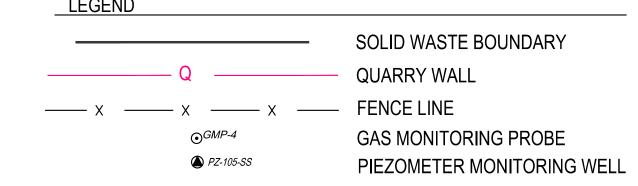


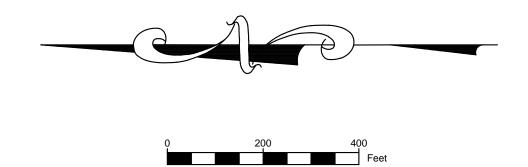
3377 HOLLENBERG DRIVE BRIDGETON, MO 63044 TEL. (217) 483-3118 FAX. (217) 483-2356

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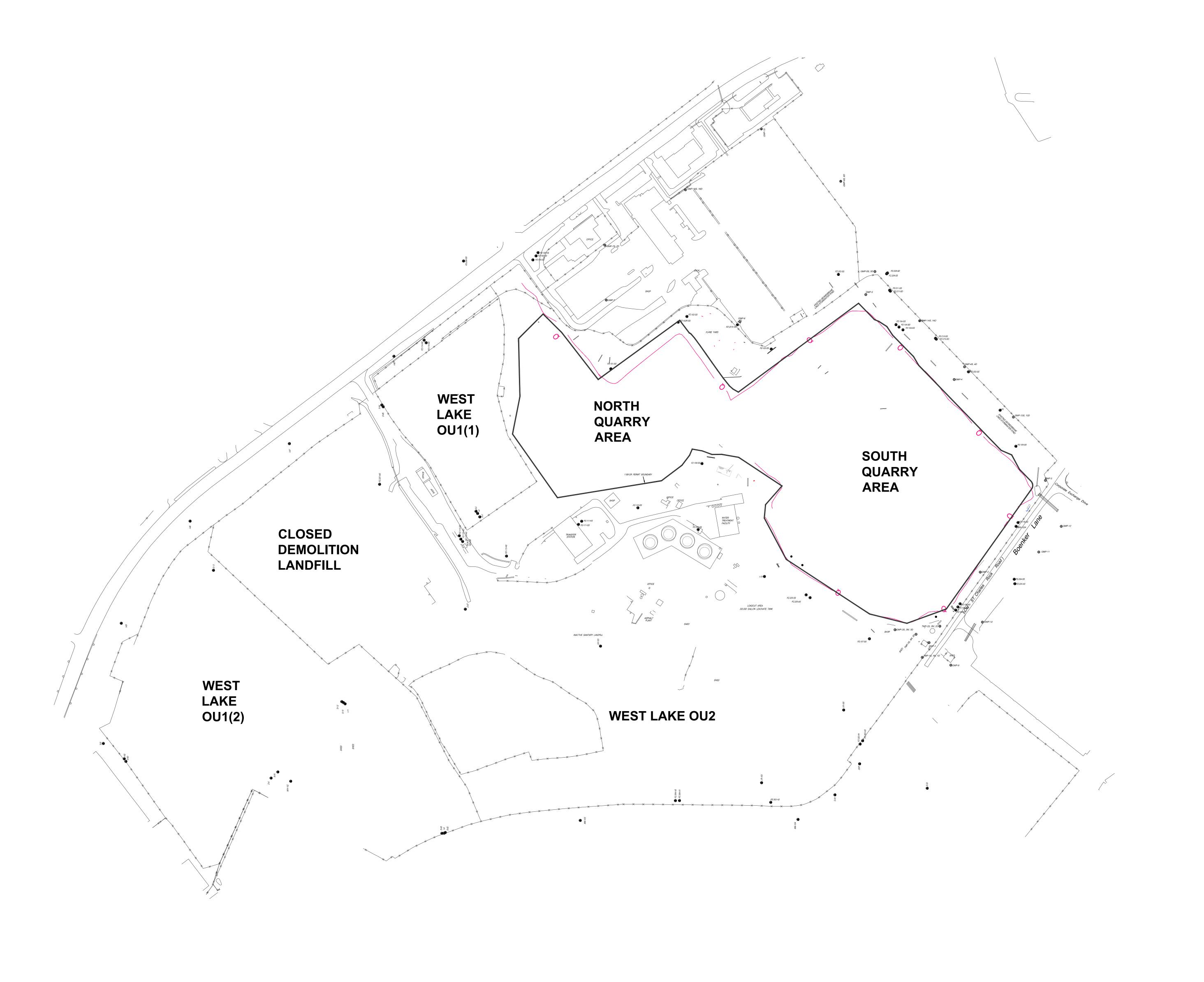








FULL SITE PLAN VIEW W/ AERIAL



SOLID WASTE BOUNDARY - QUARRY WALL ____ x ____ x ____ FENCE LINE GAS MONITORING PROBE PIEZOMETER MONITORING WELL

NOTES:

• AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED DECEMBER 2, 2016 BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044 BRIDGETON LANDFILL 2017 Q1 INFRASTRUCTURE UPDATE

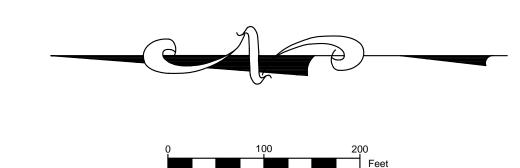
FULL SITE PLAN VIEW

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SOLID WASTE BOUNDARY GAS MONITORING PROBE PIEZOMETER MONITORING WELL GAS EXTRACTION WELL INTERCEPTOR TRENCH SUMP ▲ ITS1 SURFACE EXTRACTION WELL ◆ SEW-63 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 SURFACE COLLECTOR TEMPERATURE MONITORING PROBE 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 ———— 4PU ———— 4" PERFORATED TRENCH DRAIN **BUBBLE SUCKER** —— 2A —— 2A —— AIR LINE 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 UE UNDERGROUND ELECTRIC LINE WATERMAIN NATURAL GAS LINE FIBER OPTIC LINE FENCE LINE INTERCEPTOR TRENCH HEAT EXTRACTION EFFLUENT PIPING HEAT EXTRACTION INFLUENT PIPING BUILDING HAUL ROAD

LEGEND



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.

 AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED DECEMBER 2, 2016 BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD

DRAWING NO.: BRIDGETON LANDFILL 2017 Q1 INFRASTRUCTURE UPDATE DESIGNED BY: AMR APPROVED BY: DRF BRIDGETON, MISSOURI 63044 **2017 Q1 SITE INFRASTRUCTURE** ENGINEERING, INC. PROJECT NO: BT-130 FILE PATH: D:\Andrew-FEI-Documents\Dropbox (Feezor Engineering)\BT-130 - 2017 Q1 Infrastructure Submittal



NOTES:

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

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LEGEND



LEACHATE COLLECTION SUMP - INSTALLED Q1 2017



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LEGEND

SOLID WASTE BOUNDARY
QUARRY WALL

X X X X FENCE LINE
REMOVED LEACHATE COLLECTION PIPING (SIZE VARIES)

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

REMOVED ABOVE GROUND LFG COLLECTION HEADER PIPING (SIZE VARIES)

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