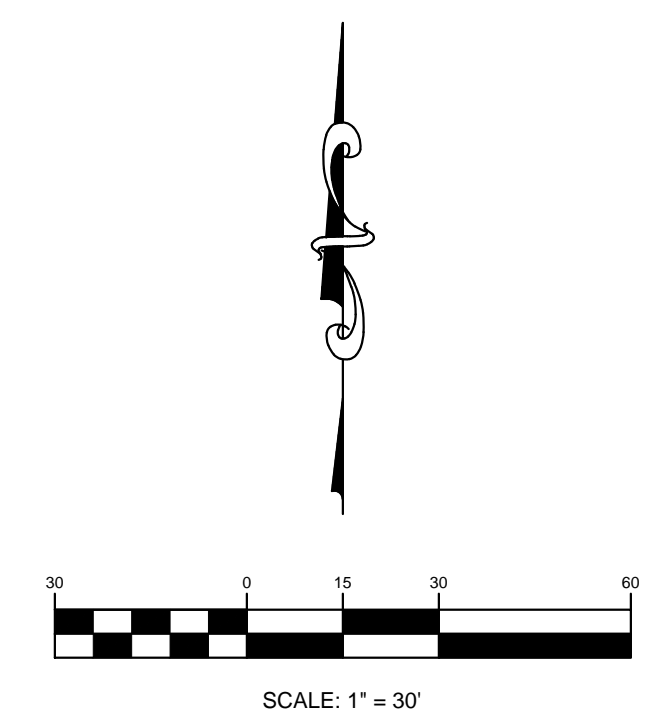


LEGEND

	EXISTING GRADE (2' CONTOUR)
	EXISTING GRADE (10' CONTOUR)
	EXISTING GAS EXTRACTION WELL
	EXISTING TEMPERATURE MONITOR PROBE
	EXISTING TEMPERATURE MONITOR PROBE WITHIN 50' OF GIW-8, -9, -11, -12, AND -13
	EXISTING GAS INTERCEPTOR WELL
	PROPOSED GAS INTERCEPTOR WELL
	4" COOLING LOOP INFLUENT PIPING (PROPOSED)
	2" COOLING LOOP INFLUENT PIPING (PROPOSED)
	4" COOLING LOOP EFFLUENT PIPING (PROPOSED)
	2" COOLING LOOP EFFLUENT PIPING (PROPOSED)
	4" COOLING LOOP INFLUENT PIPING (EXISTING)
	2" COOLING LOOP INFLUENT PIPING (EXISTING)
	4" COOLING LOOP EFFLUENT PIPING (EXISTING)
	2" COOLING LOOP EFFLUENT PIPING (EXISTING)
	TEMPERATURE MONITORING LOCATION
	AIR BLEED VALVE
	CHECK VALVE
	BUTTERFLY VALVE
	FLOWMETERS
	HDPE TEE FITTING



TMPS WITHIN 50' OF GIW-8, -9, -11, -12, AND -13	WORKING THERMOCOUPLE DEPTHS (FT)
TMP-10-5N	20
	40
	60
	80
TMP-10-5S	20
	40
	60
	80
TMP-10-9N	20
	40
	60
	80
TMP-10-9S	20
	40
	60
	80
TMP-13	NONE
	41
	61
	81
	101
TMP-14	20
	40
	60
	80
	100
TMP-14R	120
	140
	20
	40
	60
TMP-19	80
	120
	140
	20
	40
TMP-20	60
	80
	100
	120
	140
TMP-5	NONE
	15
TMP-6	95
	115
	135

NOTES:
 1.) AERIAL TOPOGRAPHY WAS PROVIDED BY COOPER AERIAL SURVEYS CO. AND IS DATED MARCH 20, 2014.

BRIDGETON LANDFILL, LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MISSOURI 63044	BRIDGETON LANDFILL EXPANDED HEAT EXTRACTION PILOT STUDY ADDITIONAL HEAT EXTRACTION PTS	 FEEZOR ENGINEERING, INC. Engineering for a Better World	MAY 2015 DESIGNED BY: DMK APPROVED BY: ALK	DRAWING NO.: 001
Alternative Heat Extraction Expansion		PROJECT NUMBER: BT-062 FILE PATH: C:\Users\dmk\Desktop\BT-062 Heat Exp. for Sampling\Feezor\To\BMP\BT-062 Proposed Cooling Piping.dwg	REVISION DATE	