

RECORD DRAWINGS FOR
**SEVENTEEN ADDITIONAL
AND TWO REPLACEMENT
TEMPERATURE
MONITORING PROBE
INSTALLATION IN
NORTH QUARRY**

**BRIDGETON LANDFILL
BRIDGETON, ST. LOUIS COUNTY, MISSOURI**

DECEMBER 2016

PREPARED FOR:
BRIDGETON LANDFILL, LLC.



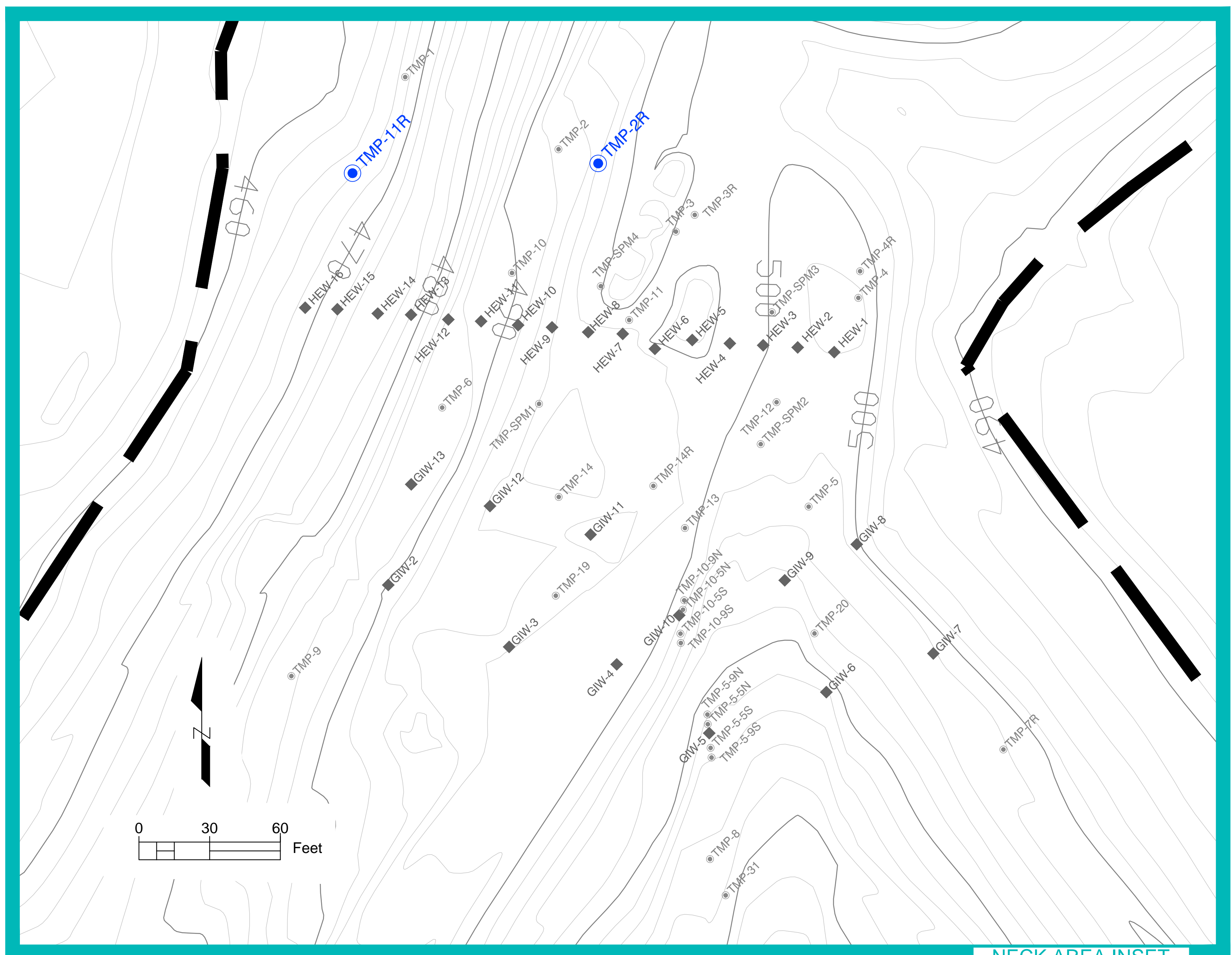
LOCATION MAP



3377 HOLLENBERG DRIVE
BRIDGETON, MO 63044
TEL. (217) 836-8842

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NECK AREA INSET

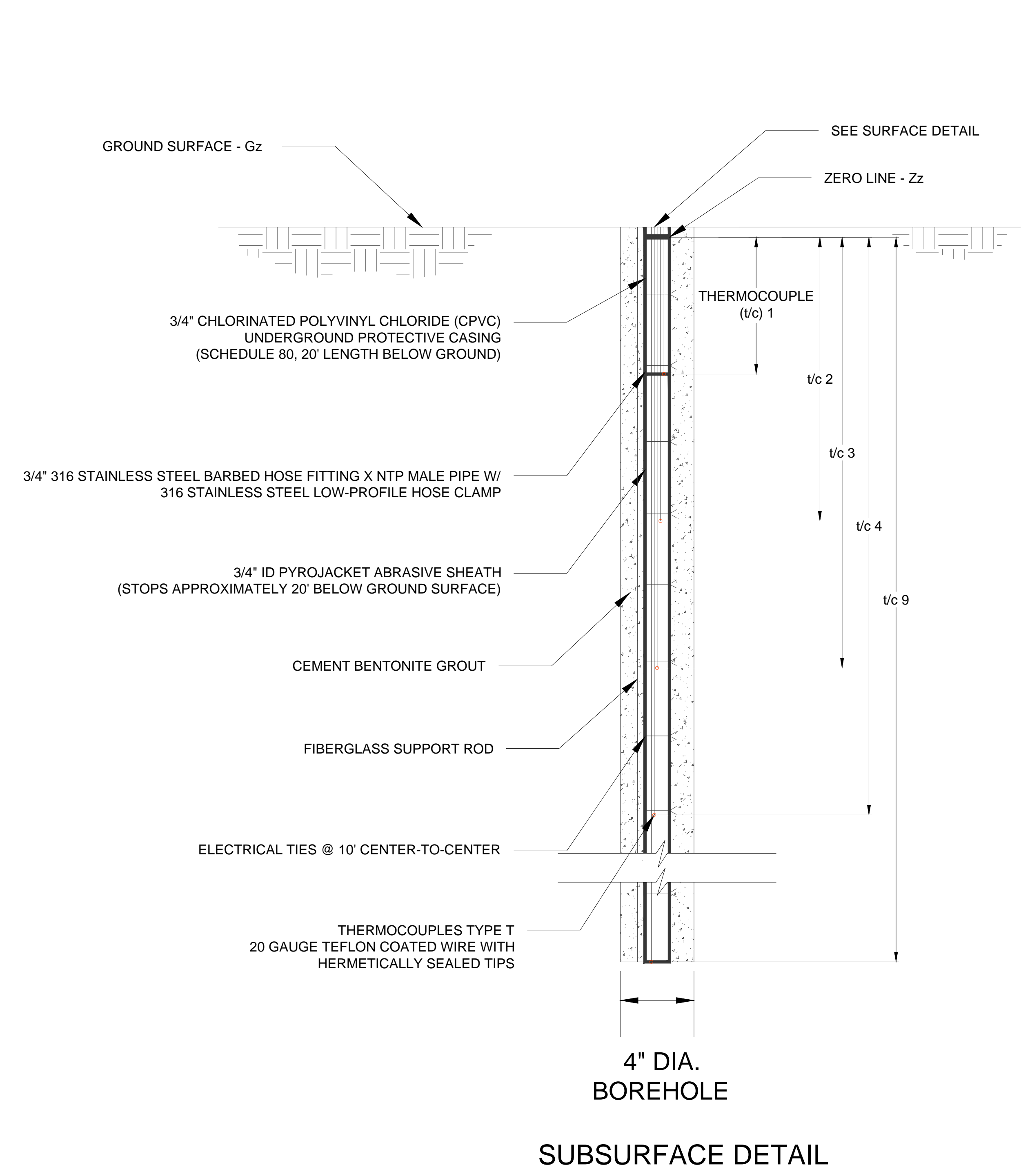
LEGEND

- BASE TOPOGRAPHY (2' CONTOUR)
- 500 BASE TOPOGRAPHY (10' CONTOUR)
- - - PERMITTED WASTE BOUNDARY
- NEW TEMPERATURE MONITORING PROBE
- EXISTING TEMPERATURE MONITORING PROBE
- HEAT EXTRACTION WELL

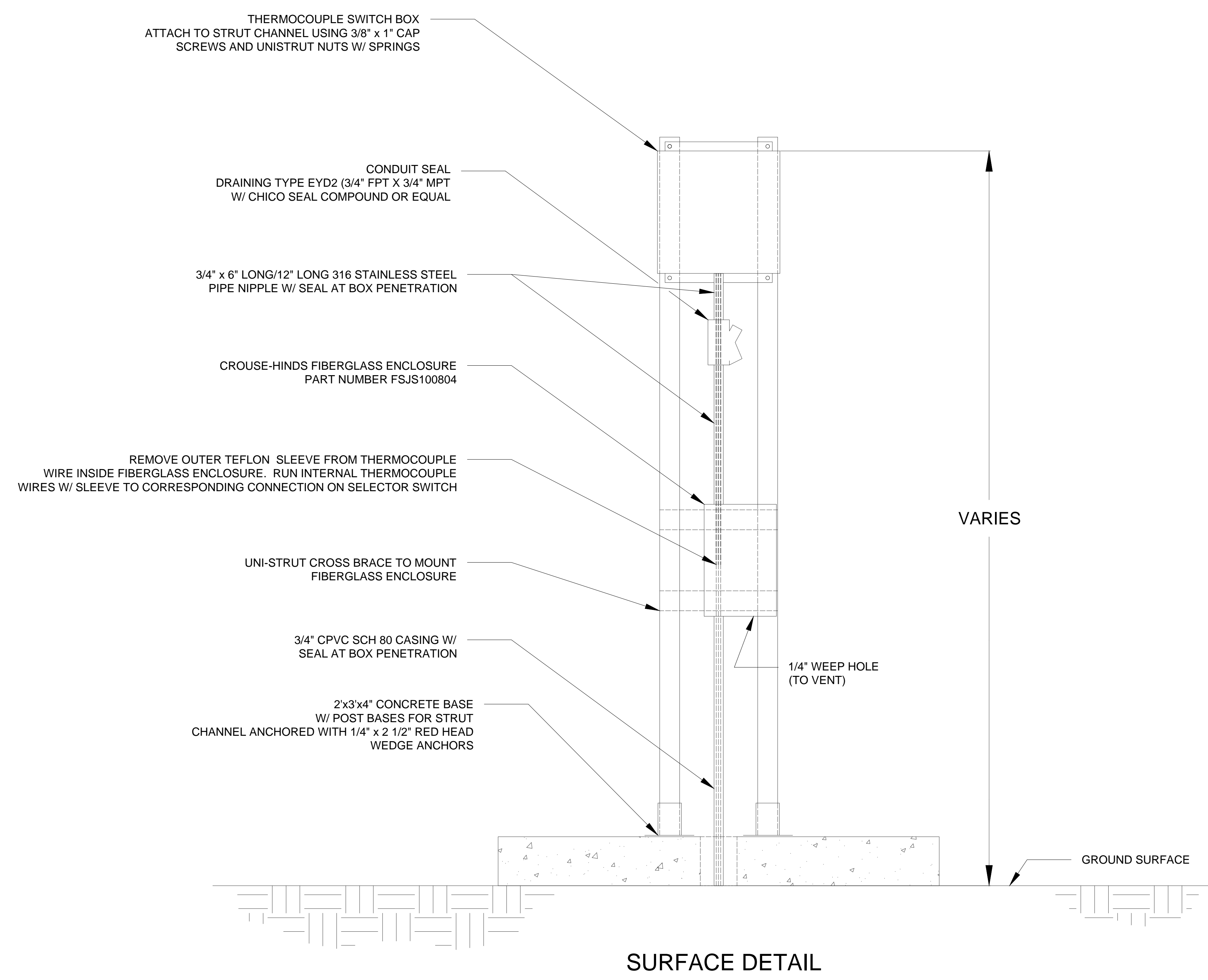
TMP ID	Northing	Easting	Ground El. (ft msl)
TMP-33	1,068,658.3	516,104.5	503.6
TMP-34	1,068,697.9	516,178.9	514.6
TMP-35	1,068,768.7	516,257.7	519.7
TMP-36	1,068,575.3	516,063.2	486.4
TMP-37	1,068,555.0	516,126.3	499.8
TMP-38	1,068,570.9	516,193.3	515.4
TMP-39	1,068,575.0	516,282.9	520.8
TMP-40	1,068,624.6	516,350.8	524.9
TMP-41	1,068,697.8	516,395.4	523.6
TMP-42	1,068,775.5	516,431.3	518.4
TMP-43	1,068,799.7	516,493.3	516.0
TMP-44	1,068,759.4	516,641.3	511.3
TMP-45	1,068,973.2	516,520.6	479.0
TMP-46	1,069,015.4	516,636.7	477.1
TMP-47	1,069,087.4	516,680.1	477.4
TMP-48	1,069,137.6	516,749.2	474.6
TMP-49	1,069,191.6	516,820.4	473.4
TMP-2R	1,067,913.3	516,348.9	495.5
TMP-11R	1,067,909.2	516,244.8	468.1

NOTE:
1.) AERIAL TOPOGRAPHY PROVIDED BY COOPER AERIAL SURVEYS, INC. AND IS DATED FEBRUARY 27, 2016.

BRIDGETON LANDFILL LLC 13570 ST. CHARLES ROCK ROAD BRIDGETON, MD 21034	BRIDGETON LANDFILL NORTH QUARRY TEMPERATURE MONITORING PROBE INSTALLATION RECORD DRAWINGS		DECEMBER 2016	DRAWING NO.:
			APPROVED BY: DRF	002
TMP NETWORK AS-BUILT - PLAN VIEW			REVISION	DATE



SUBSURFACE DETAIL



SURFACE DETAIL

1
003 NTS TEMPERATURE MONITORING PROBE (TMP)

- NOTES:
 1.) SWITCH BOX IS SAGINAW CONTROL & ENGINEERING ENCLOSURE 1210ELJ - PANEL IS SCE-12P10J WITH JIC SWING OUT PANEL KIT - MOUNTED WITH HINGE ON RIGHT.
 2.) HOLE FOR ROTARY SWITCH TO ACCOMODATE SW142G-XX-B

TMP number	T/C 1 Depth (feet)	T/C 2 Depth (feet)	T/C 3 Depth (feet)	T/C 4 Depth (feet)	T/C 5 Depth (feet)	T/C 6 Depth (feet)	T/C 7 Depth (feet)	T/C 8 Depth (feet)	T/C 9 Depth (feet)
33	20	40	53						
34	20	40	50	63					
35	20	40	60	70					
36	15	20	30						
37	20	40	50						
38	20	40	60	70					
39	20	40	60	80					
40	20	40	60	80					
41	20	40	60	80	98				
42	20	40	60	78					
43	20	40	60	80	100				
44	20	40	60	80	100	120	140	160	180
45	15	30	45						
46	20	40	60						
47	20	40	60						
48	20	40	60	72					
49	20	40	60						
2R	20	40	60	80	100	120	140	160	180
11R	20	40	60	80	100	120			