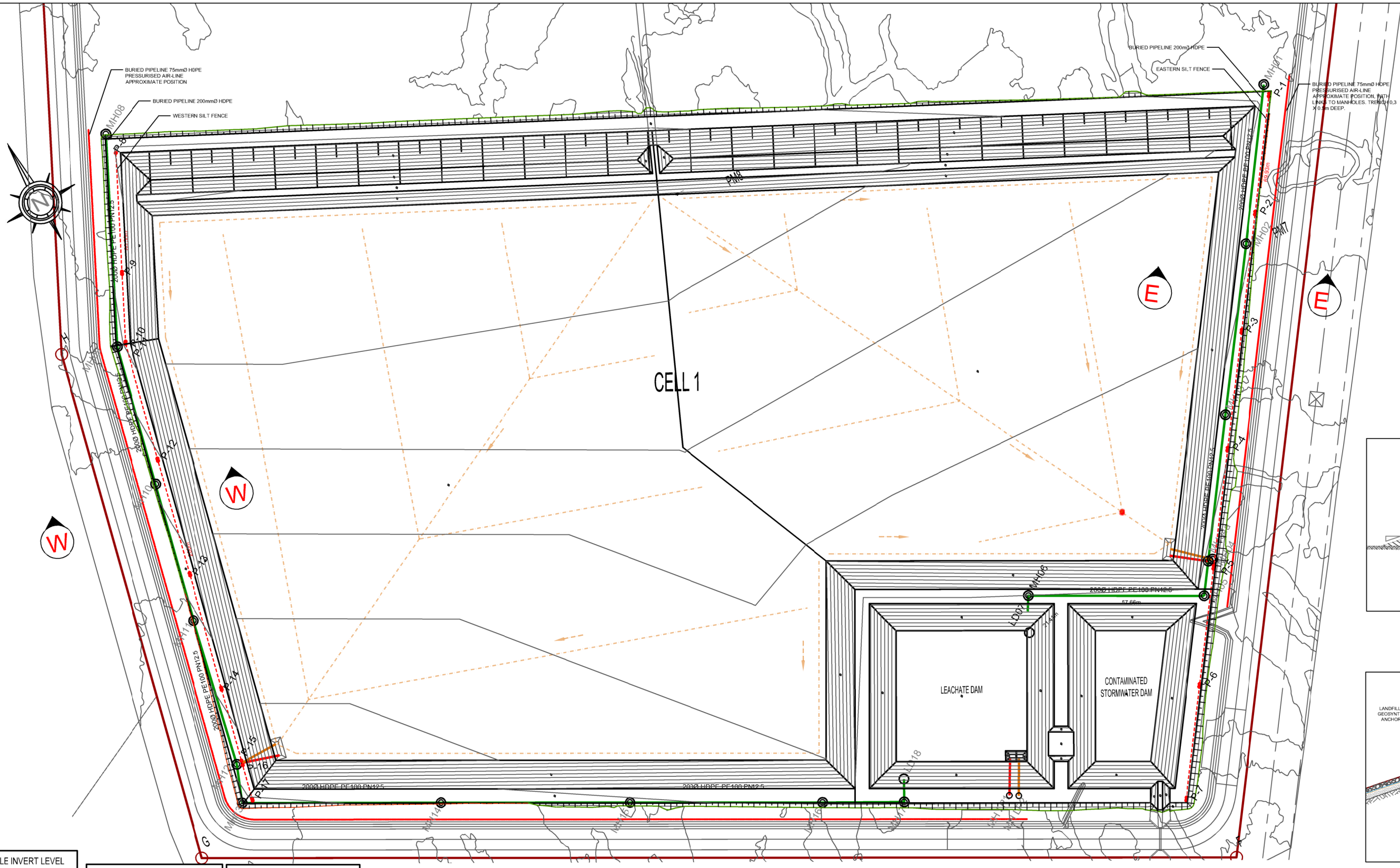
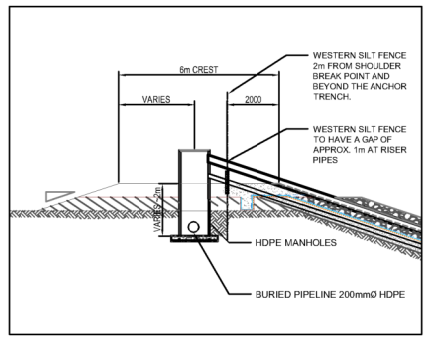
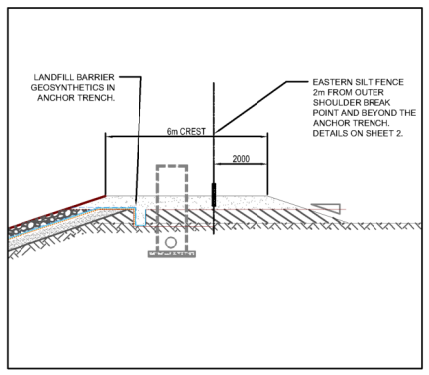


LEGEND:

- LANDFILL FOOTPRINT
- CELL SEPARATION BERMS
- CADASTRAL BOUNDARY
- SOLID LEACHATE COLLECTION RISER PIPE
- PERFORATED LEACHATE COLLECTION PIPE
- SOLID LEAKAGE DETECTION RISER PIPE
- SOLID LEACHATE RETICULATION PIPELINE
- LEACHATE RETICULATION MANHOLE



SECTION W-W



SECTION E-E

MANHOLE INVERT LEVEL			
NAME	Y	X	INVERT LEVEL
MH01	-43145.343	3728820.819	201.664
MH02	-43105.901	3728875.471	201.339
MH03	-43063.199	3728934.000	201.058
MH04	-43026.820	3728984.153	200.787
MH4 LC	-43015.332	3728971.821	198.455
MH4 LD	-43013.725	3728974.105	198.068
MH04a	-43028.785	3728984.342	200.563
MH05	-43018.216	3728996.067	200.711
MH06	-42953.742	3728959.779	200.356
MH08	-42710.198	3728600.508	202.772
MH09	-42670.613	3728680.885	202.399
MH11	-42642.150	3728797.026	201.897
MH12	-42628.552	3728858.672	201.592
MH13	-42622.587	3728873.904	201.535

POST CO-ORDINATES			
NAME	Y	X	DISTANCE
P-1	-43145.430	3728825.245	
P-2	-43116.040	3728865.695	50
P-3	-43086.649	3728906.144	50
P-4	-43057.258	3728946.594	50
P-5	-43027.868	3728987.044	50
P-6	-42998.456	3729027.478	50
P-7	-42970.156	3729066.371	48.10
TOTAL LENGTH EAST			300 m

POST CO-ORDINATES			
NAME	Y	X	DISTANCE
P-8	-42709.955	3728609.482	
P-9	-42687.735	3728654.274	50
P-10	-42674.544	3728680.864	29.46
P-11	-42674.199	3728681.580	1
P-12	-42662.327	3728730.130	50
P-13	-42650.455	3728778.700	50
P-14	-42638.583	3728827.270	50
P-15	-42631.020	3728858.212	31.85
P-16	-42630.545	3728860.154	2
P-17	-42627.090	3728874.291	14.55
TOTAL LENGTH WEST			280 m

GENERAL NOTES:

1. ANY DISCREPANCIES & AMBIGUITIES ON THE ENGINEERS DRAWINGS TO BE REPORTED TO ENVITECH SOLUTIONS (PTY) LTD IMMEDIATELY.
2. LEVELS AND DIMENSIONS TO BE CHECKED BEFORE ANY CONSTRUCTION WORK COMMENCES DIMENSIONS MUST NOT BE SCALED.
3. SERVICES SUCH AS THE75mmØ PNEUMATIC LINE TO BE LOCATED PRIOR TO POSITIONING THE SILT FENCE POSTS.
4. EXCAVATION INTO THE BERM FOR FENCE POSTS TO BE UNDERTAKEN CAREFULLY BY HAND OR AS APPROVED BY THE ENGINEER, CREATING AS SMALL A DISTURBANCE TO THE ENGINEERED LAYERS AS POSSIBLE.
5. ALL WORKERS TO BE INFORMED ABOUT THE GEOMEMBRANE IN THE BARRIER SYSTEM AND ANCHOR TRENCH. NO WIRE CLIPPINGS TO BE LEFT ON SITE AND NO SHARP OBJECTS ARE ALLOWED NEAR THE GEOMEMBRANE. INSTALLATION METHODOLOGY TO BE APPROVED BY THE ENGINEER.
6. SETTING OUT CO-ORDINATES ARE A GUIDELINE- TO BE CONFIRMED ON SITE, DEPENDENT ON POSITON OF ANCHOR TRENCH AND BURIED SERVICES.

AMENDMENTS			
NO.	DATE	APPROVED	DESCRIPTION
A	5-12-2025	BLJ	ISSUED FOR APPROVAL

DESIGNED: MM
DESIGN CHECKED: BLJ
DRAWN: MM
DRAWING CHECKED: GF
ENGINEER: DATE:
CLIENT: DATE:

CONSULTANT

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CLIENT

CAPE WINELANDS DISTRICT
MUNICIPALITY • MUNISIPALITEIT • UMASIPALA

CONSTRUCTION OF THE CAPE WINELANDS DISTRICT MUNICIPALITY'S REGIONAL LANDFILL SITE - ERF 4014, WORCESTER

SILT FENCE LAYOUT

SCALE: 1:600
PAPER SIZE: A0
JOB NUMBER: ES-754-2022
SHEET NO.: 1 OF 2
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