

MDD491
GROUND SURFACE: 743.8 m RL

CEMENT

VIBRATING WIRE (VWP1) AT: 723.8 m RL
20m bgl
VWP ID S19902

VIBRATING WIRE (VWP 2) AT: 703.8 m RL
40m bgl
VWP ID S19912

VIBRATING WIRE (VWP 3) AT: 678.8 m RL
65m bgl
VWP ID S12226728

VIBRATING WIRE (VWP 4) AT: 645.8 m RL
98m bgl
VWP ID S14447

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

END OF HOLE (EOH)
100.1 m bgl
643.7 m RL

NOTES:

1. SEE SUMMARY TABLES FOR DETAILS OF VWP DATA.
2. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
3. RL ELEVATIONS BASED ON THE NZVD2016.
4. NOT TO SCALE HORIZONTALLY.

AS-BUILT: VIBRATING WIRE PIEZOMETERS

SCALE (A4) - 1:500

ASBUILT FIGURE 01

MDD493
GROUND SURFACE: 724.1 m RL

VIBRATING WIRE (VWP1) AT: 713.0 m RL
11.1m bgl
VWP ID S19892

VIBRATING WIRE (VWP 2) AT: 700.5 m RL
23.6m bgl
VWP ID S19903

VIBRATING WIRE (VWP 3) AT: 675.0 m RL
49.1m bgl
VWP ID S16935

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

VIBRATING WIRE (VWP 4) AT: 635.0 m RL
89.1m bgl
VWP ID S20459

END OF HOLE (EOH)
100 m bgl
624.1 m RL

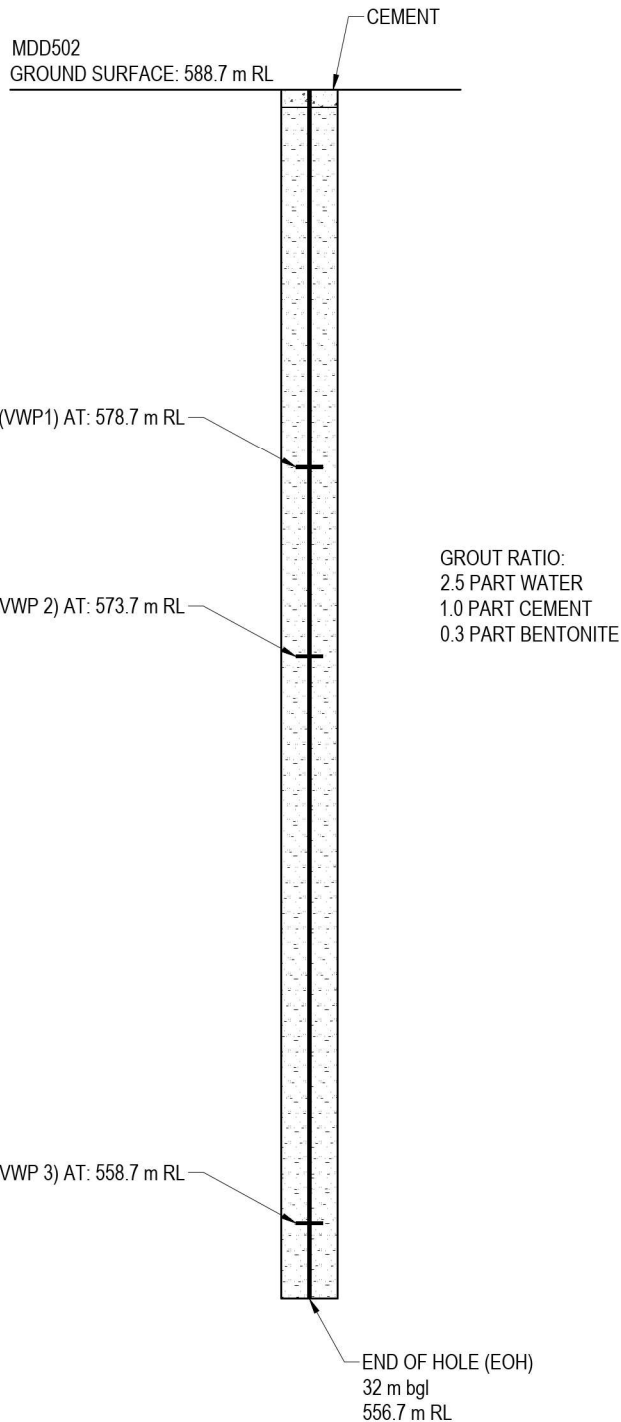
NOTES:

1. SEE SUMMARY TABLES FOR DETAILS OF VWP DATA.
2. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
3. RL ELEVATIONS BASED ON THE NZVD2016.
4. NOT TO SCALE HORIZONTALLY.

AS-BUILT: VIBRATING WIRE PIEZOMETERS

SCALE (A4) - 1:500

AS-BUILT
FIGURE 02



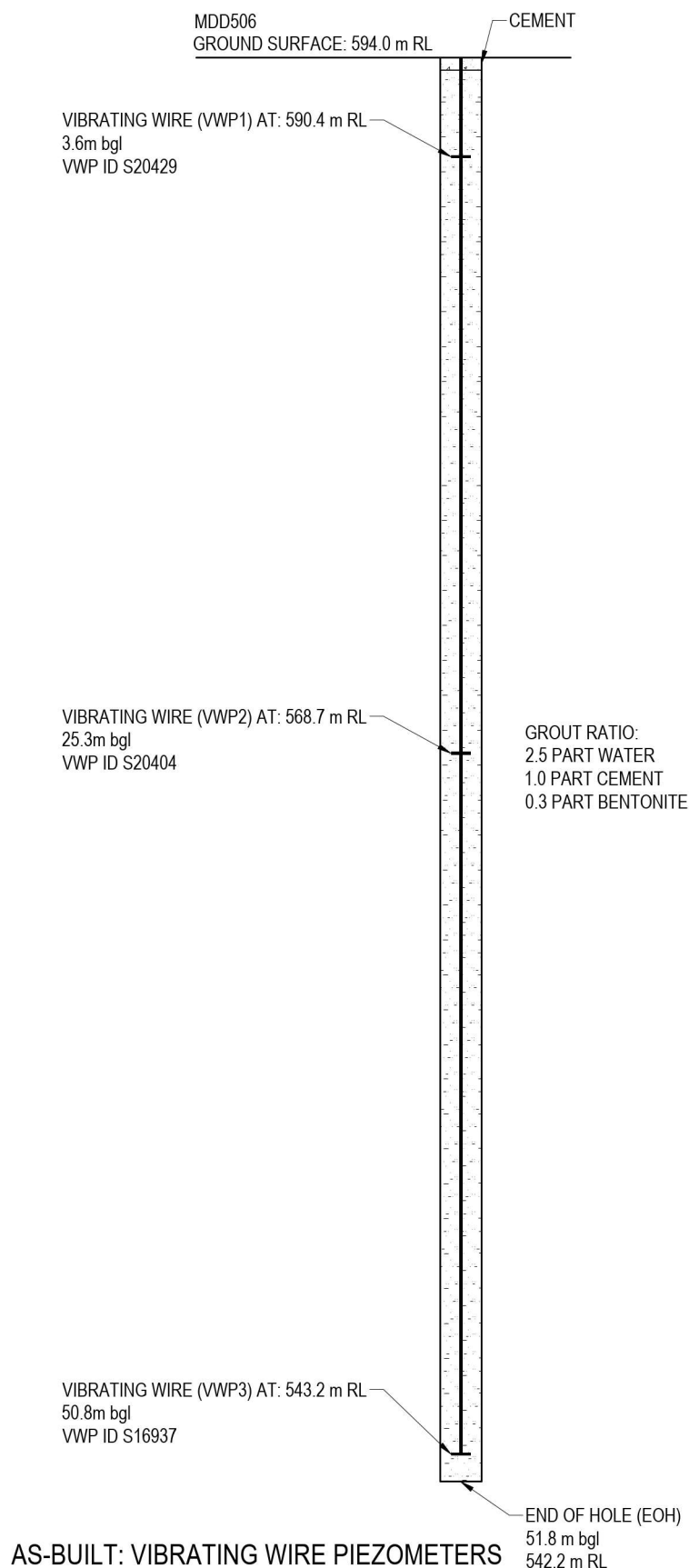
AS-BUILT: VIBRATING WIRE PIEZOMETERS

SCALE (A4) - 1:200

NOTES:

1. SEE SUMMARY TABLES FOR DETAILS OF VWP DATA.
2. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
3. RL ELEVATIONS BASED ON THE NZVD2016.
4. NOT TO SCALE HORIZONTALLY.

AS-BUILT
FIGURE 03



NOTES:

1. SEE SUMMARY TABLES FOR DETAILS OF VWP DATA.
2. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
3. RL ELEVATIONS BASED ON THE NZVD2016.
4. NOT TO SCALE HORIZONTALLY.

AS-BUILT FIGURE 04

MDD507
GROUND SURFACE: 594.7 m RL

CEMENT

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

END OF HOLE (EOH)
7.3 m bgl
587.4 m RL

NOTES:

1. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
2. RL ELEVATIONS BASED ON THE NZVD2016.
3. NOT TO SCALE HORIZONTALLY.

AS-BUILT: VIBRATING WIRE PIEZOMETERS

SCALE (A4) - 1:500

AS-BUILT FIGURE 05

MDD507R
GROUND SURFACE: 594.7 m RL

CEMENT

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

PQ BARREL AND 2 PQ RODS
STUCK IN HOLE AFTER DRILLING,
22.5 m TO 27 m bgl. RODS WERE
GROUTED INTO HOLE ATE END.

END OF HOLE (EOH)
33.0 m bgl
561.7 m RL

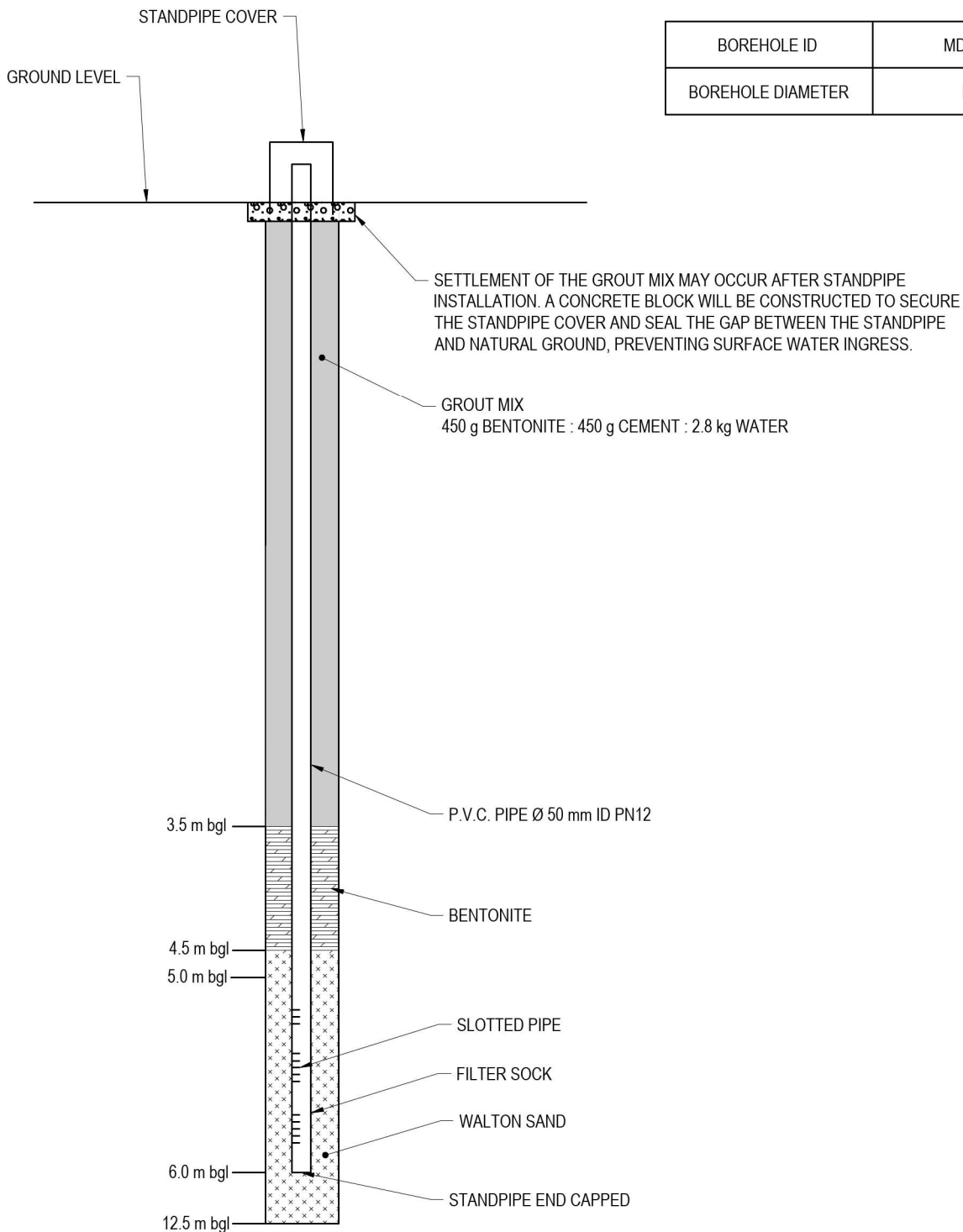
NOTES:

1. SEE BOREHOLE LOGS FOR DETAILED BOREHOLE DESCRIPTIONS.
2. RL ELEVATIONS BASED ON THE NZVD2016.
3. NOT TO SCALE HORIZONTALLY.

AS-BUILT: VIBRATING WIRE PIEZOMETERS

SCALE (A4) - 1:500

AS-BUILT FIGURE 06



BOREHOLE ID	MDD498
BOREHOLE DIAMETER	PQ

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PIEZOMETER DEVELOPED ON 13 MARCH 2026.

MDD499
GROUND SURFACE: 430.3 m RL

BOREHOLE ID	MDD499
BOREHOLE DIAMETER	PQ

VIBRATING WIRE AT
424.3 m RL
6 m bgl
VWP ID S19893

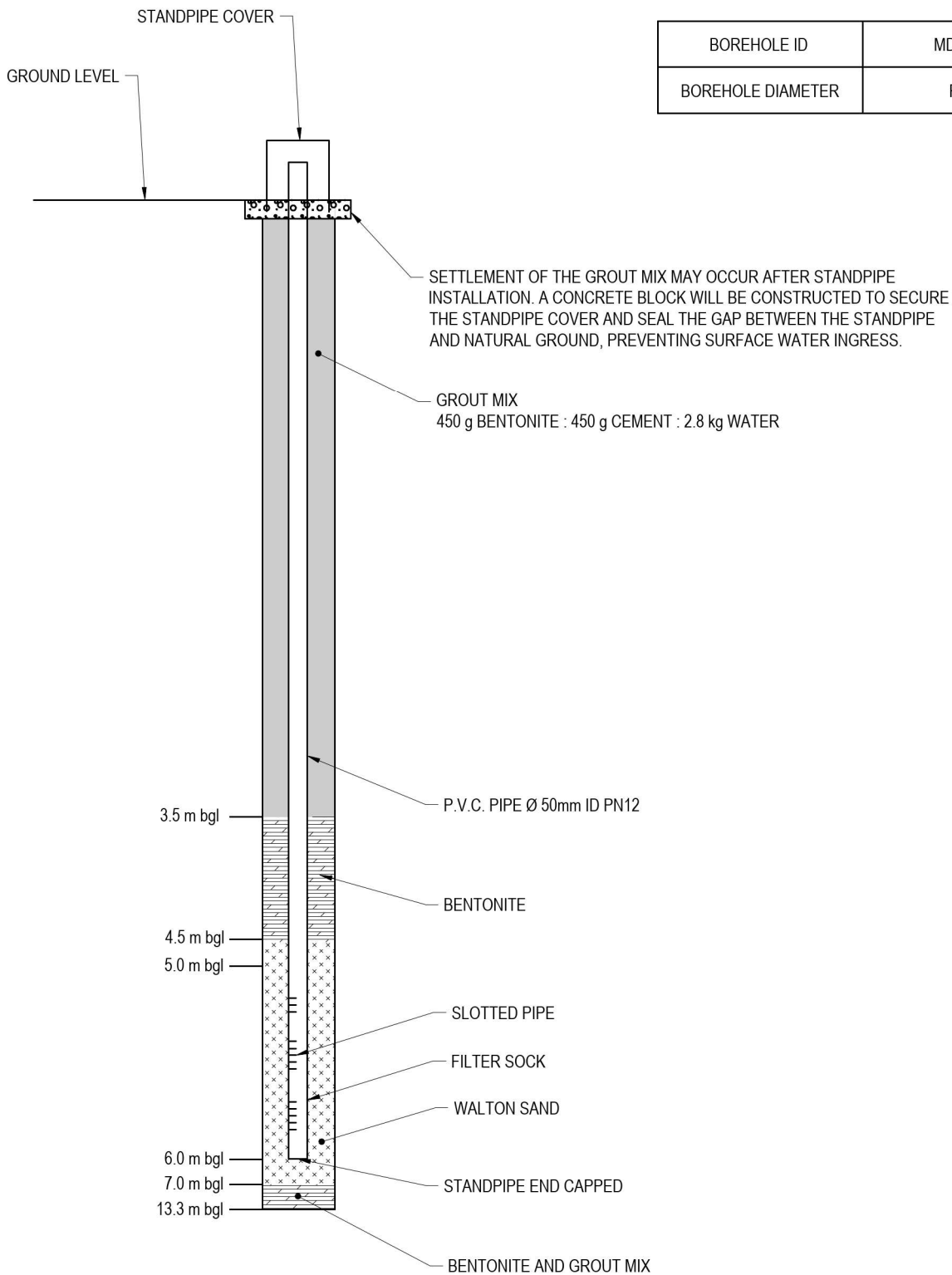
VIBRATING WIRE AT
414.3 m RL
16 m bgl
VWP ID S19904

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

END OF HOLE (EOH)
26 m bgl
404.3 m RL

NOTES:

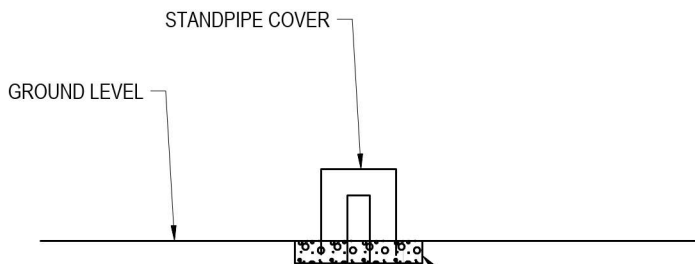
1. VALUES ARE RL ELEVATIONS BASED ON THE NZVD2016.
2. NOT TO SCALE HORIZONTALLY.



BOREHOLE ID	MDD500
BOREHOLE DIAMETER	PQ

NOTES:

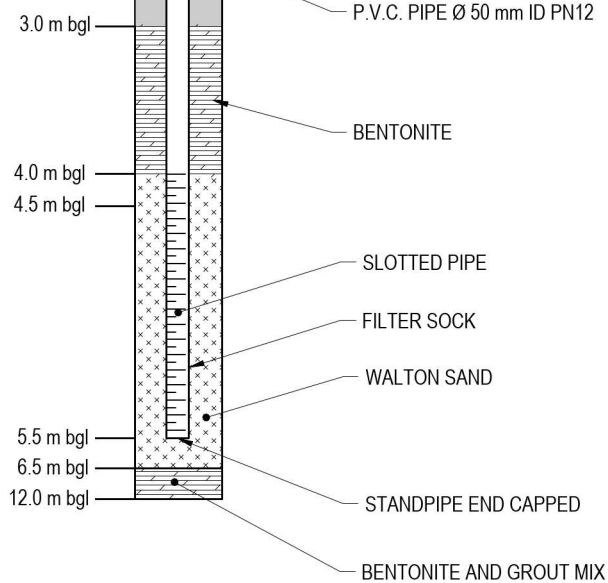
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PIEZOMETER DEVELOPED ON 13 MARCH 2026.



BOREHOLE ID	MDD503
BOREHOLE DIAMETER	PQ

SETTLEMENT OF THE GROUT MIX MAY OCCUR AFTER STANDPIPE INSTALLATION. A CONCRETE BLOCK WILL BE CONSTRUCTED TO SECURE THE STANDPIPE COVER AND SEAL THE GAP BETWEEN THE STANDPIPE AND NATURAL GROUND, PREVENTING SURFACE WATER INGRESS.

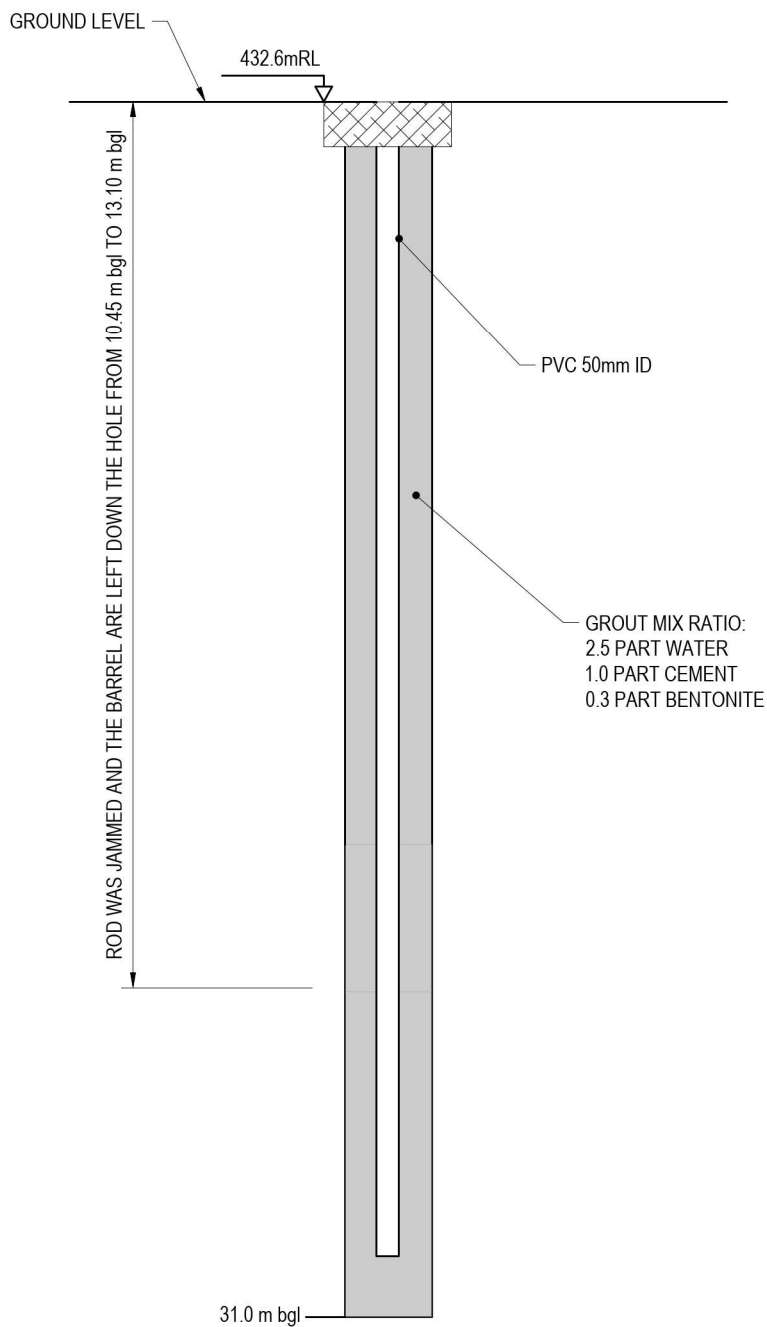
GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE



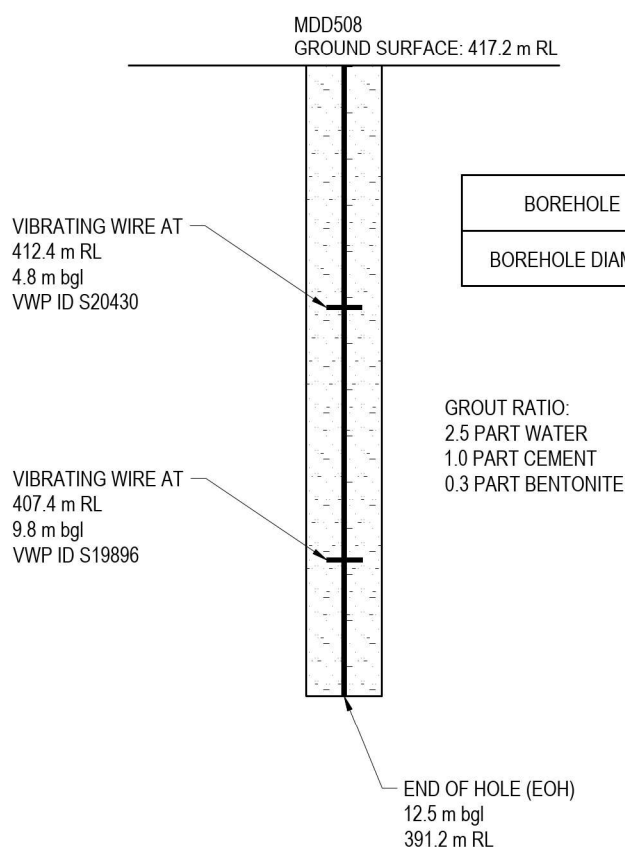
NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PIEZOMETER DEVELOPED ON 13 MARCH 2026.

BOREHOLE ID	MDD505R
BOREHOLE DIAMETER	PQ



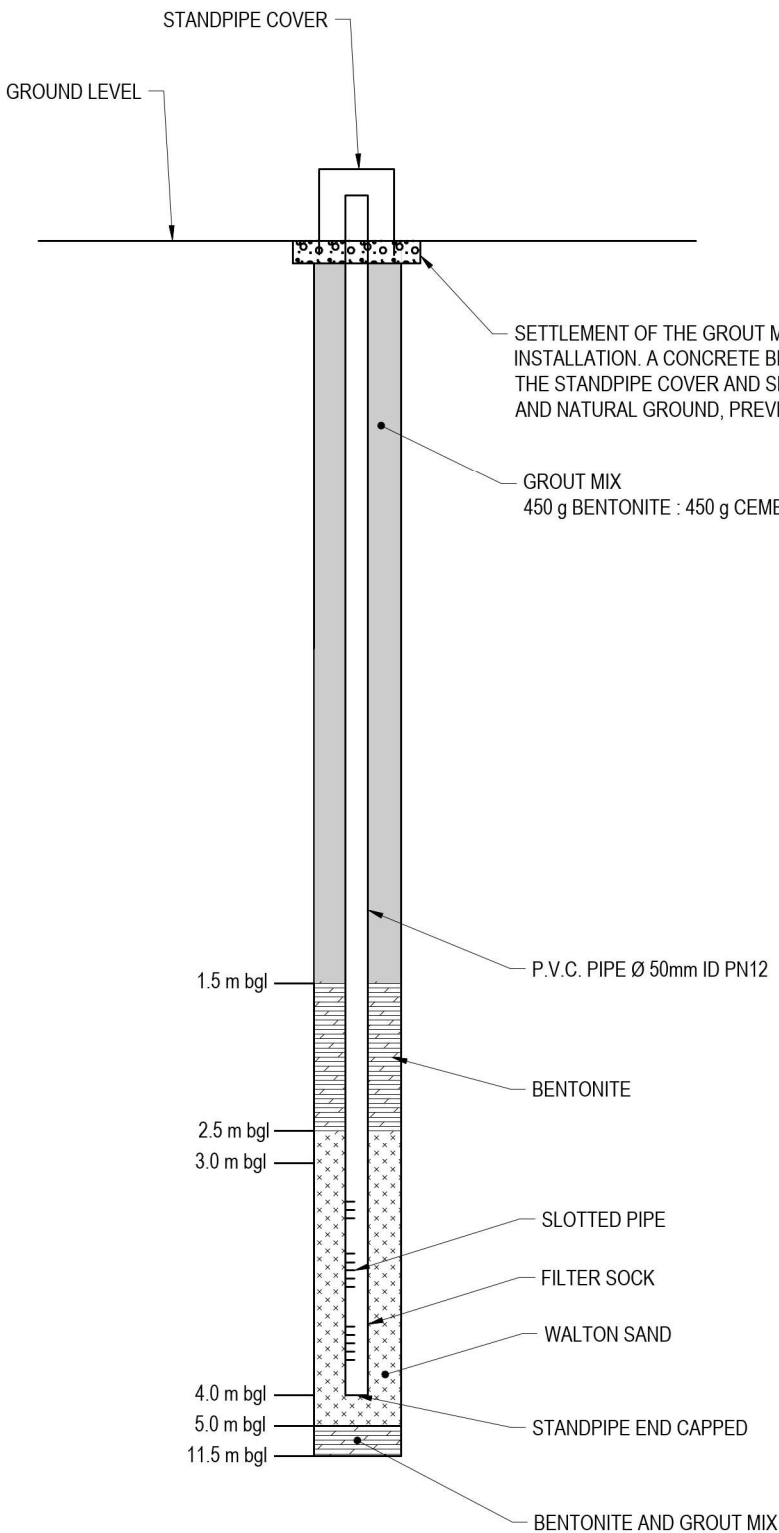
- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. DONE ON 25 FEBRUARY 2026 SOUTHERN GEOPHYSICAL.



BOREHOLE ID	MDD508
BOREHOLE DIAMETER	PQ

NOTES:

- VALUES ARE RL ELEVATIONS BASED ON THE NZVD2016.
- NOT TO SCALE HORIZONTALLY.



BOREHOLE ID	MDD510
BOREHOLE DIAMETER	PQ

NOTES:

1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
2. PIEZOMETER DEVELOPED ON 13 MARCH 2026.

MDD511
GROUND SURFACE: 433.8 m RL

BOREHOLE ID	MDD511
BOREHOLE DIAMETER	PQ

GROUT RATIO:
2.5 PART WATER
1.0 PART CEMENT
0.3 PART BENTONITE

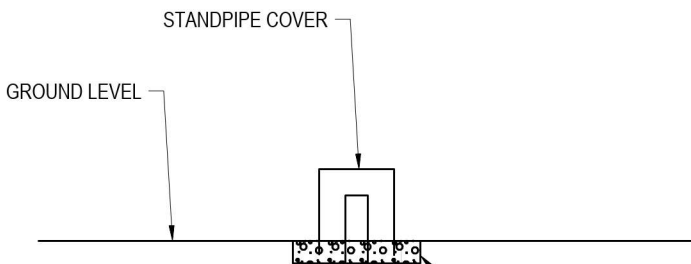
VIBRATING WIRE AT
423.1 m RL
10.7 m bgl
VWP ID S20656

VIBRATING WIRE AT
416.6 m RL
17.2 m bgl
VWP ID S20662

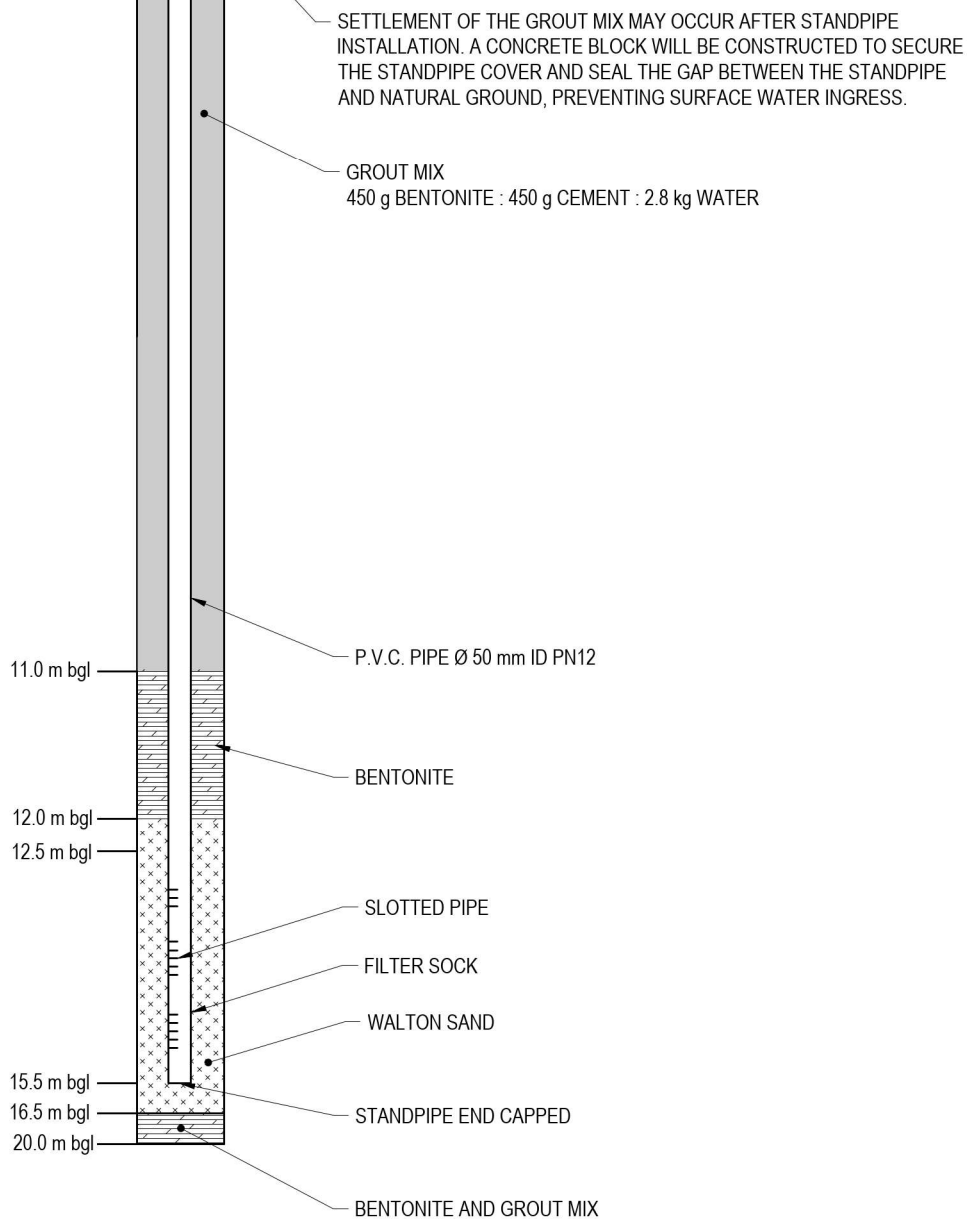
END OF HOLE (EOH)
18 m bgl
404.3 m RL

NOTES:

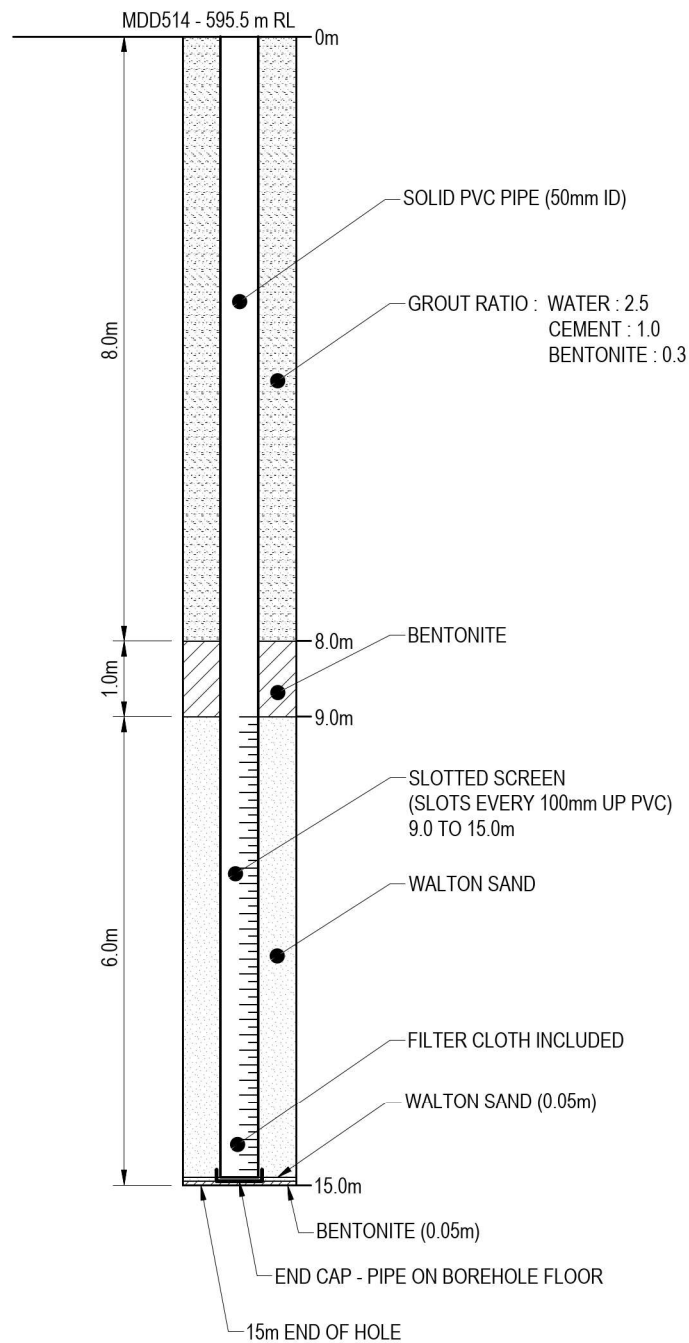
1. VALUES ARE RL ELEVATIONS BASED ON THE NZVD2016.
2. NOT TO SCALE HORIZONTALLY.



BOREHOLE ID	MDD512
BOREHOLE DIAMETER	PQ



- NOTES:
1. ALL DIMENSIONS IN MILLIMETRES UNLESS NOTED OTHERWISE.
 2. PIEZOMETER DEVELOPED ON 13 MARCH 2026.



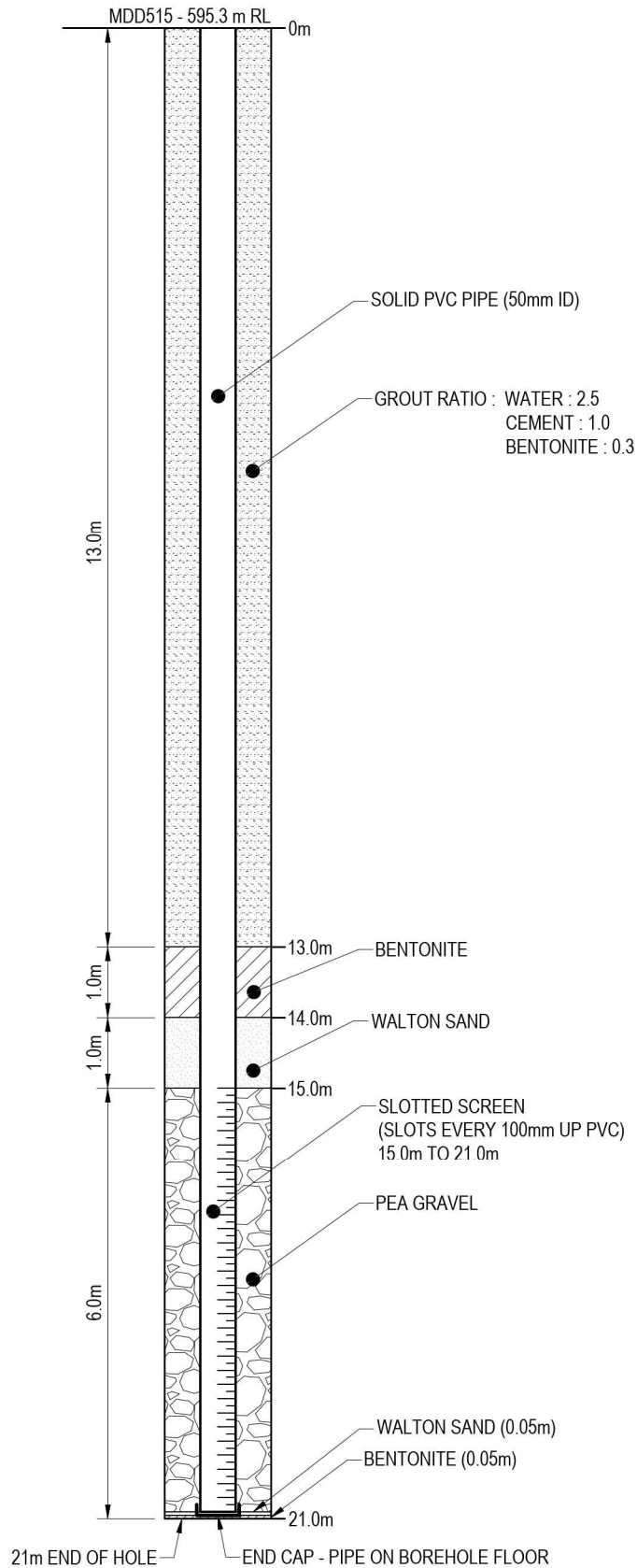
AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.

AS-BUILT FIGURE 01



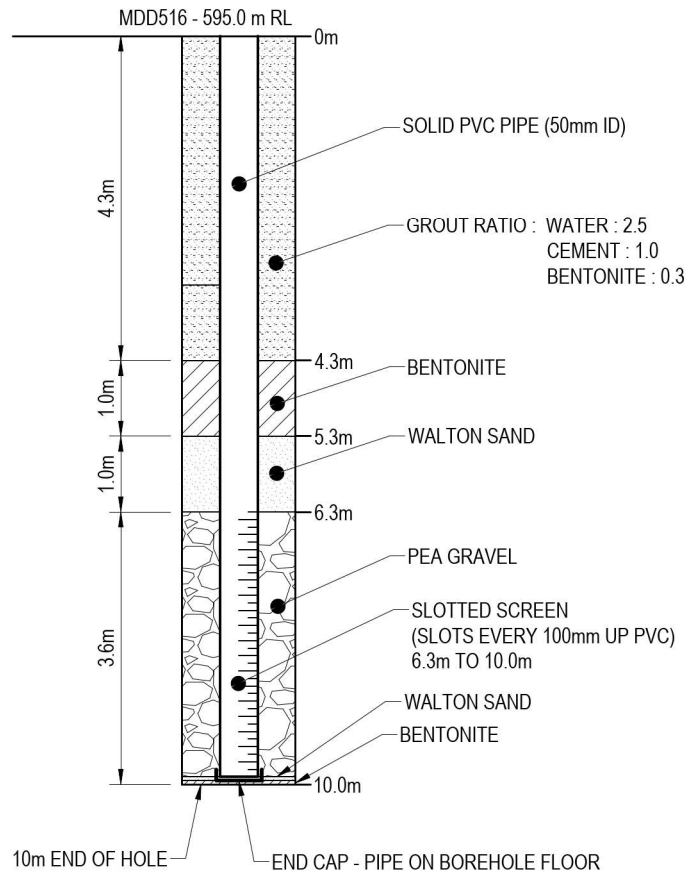
AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. NO FILTER SOCK.

AS-BUILT FIGURE 02



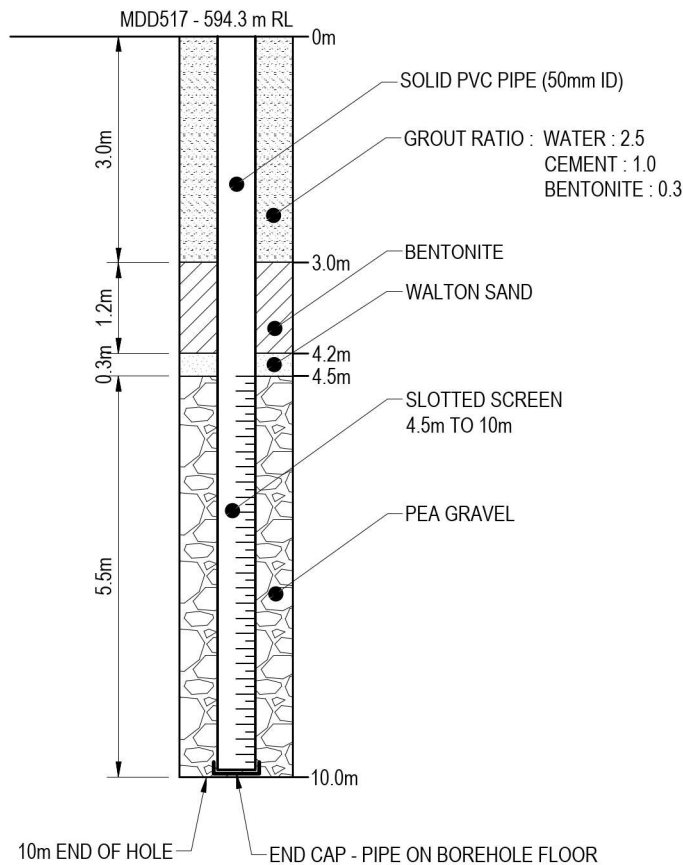
AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. NO FILTER SOCK.

AS-BUILT FIGURE 03



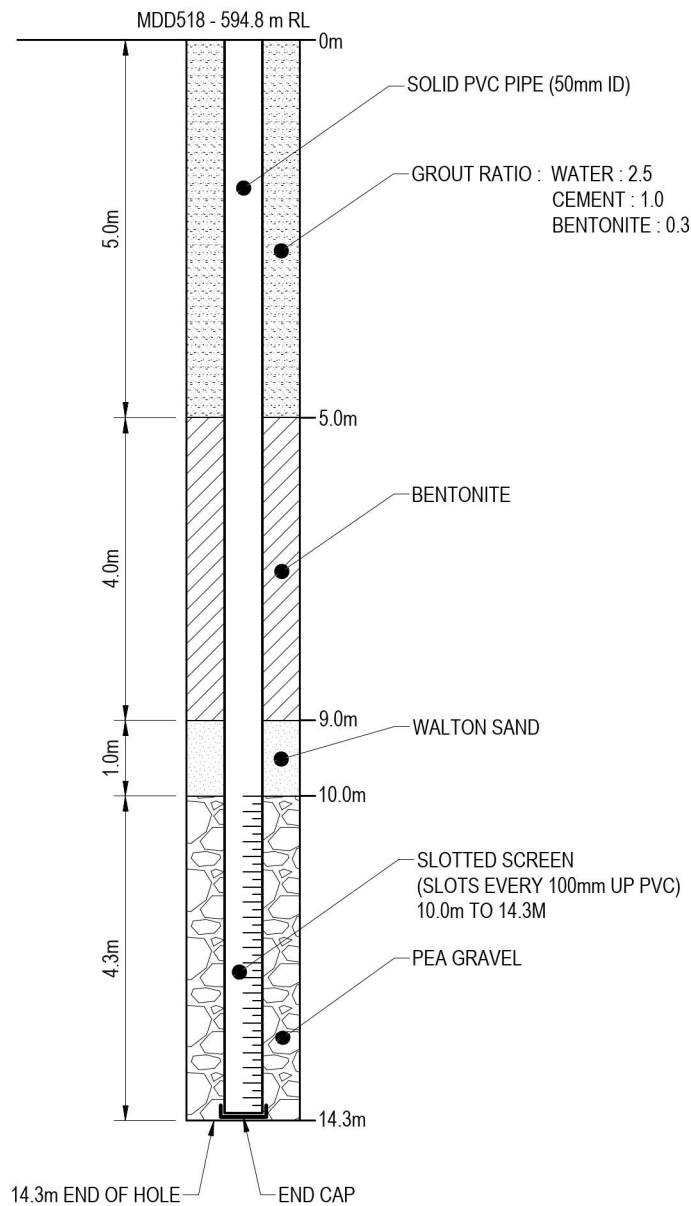
AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. NO FILTER SOCK.

AS-BUILT FIGURE 04



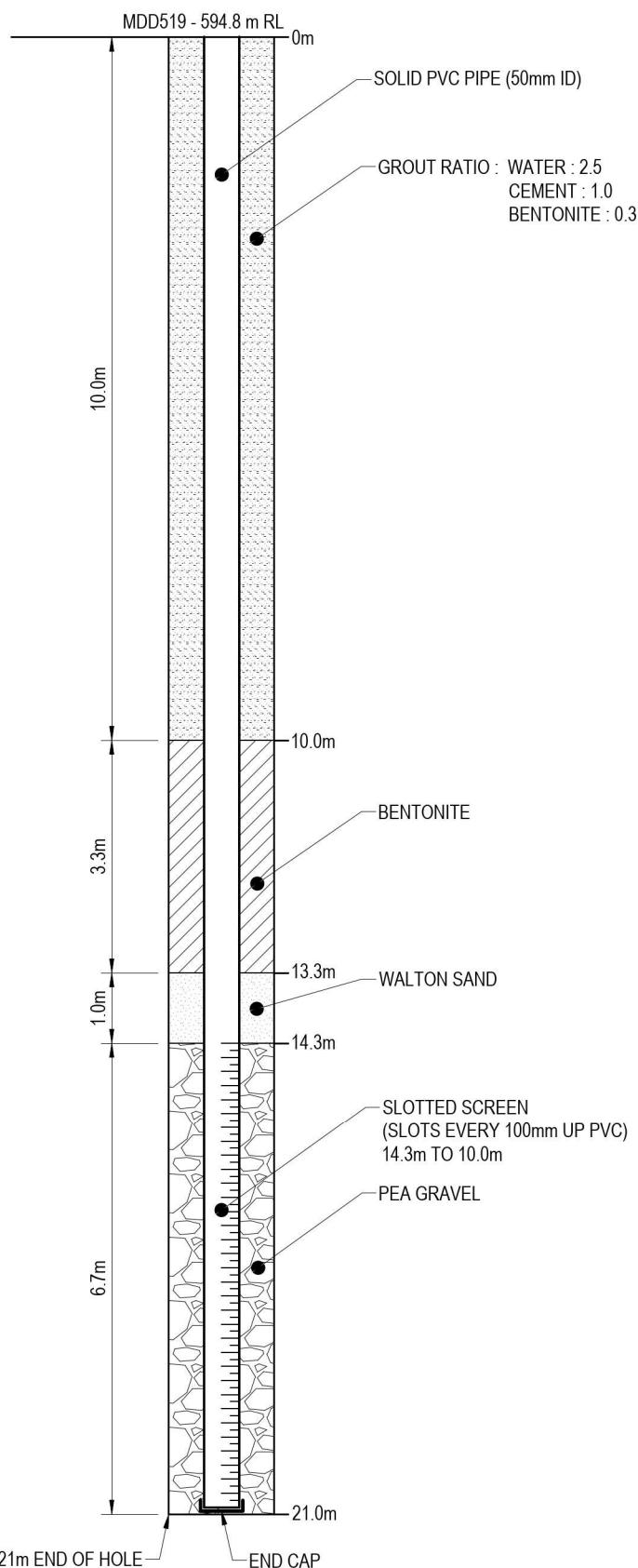
AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. NO FILTER SOCK.

AS-BUILT FIGURE 05



AS-BUILT: PROPOSED STANDPIPE PIEZOMETER

SCALE (A4) - 1:100

NOTES:

1. ALL DIMENSIONS IN METRES UNLESS NOTED OTHERWISE.
2. NO FILTER SOCK.

AS-BUILT
FIGURE 06