


NORTH

## Notes:

1. While all due care has been taken during design, the Contractor is to confirm all invert levels and existing surface levels prior to commencing permanent works construction. If any levels are significantly different, these are to be reported to the Engineer immediately.
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5. Not all service connections have been shown.
6. Power & fibre design by others
7. For Wastewater design, see 700 series drawings
8. For Water Supply design, see 800 series drawings

## KEY:

| | |
|---|---|
| WW | WASTEWATER |
| SW | STORMWATER - 150Ø |
| SW | STORMWATER - 225Ø |
| SW | STORMWATER - 300Ø |
| SW | STORMWATER - 375Ø |
| SW | STORMWATER - 450Ø |
| SW | STORMWATER - 525Ø |
| SW | STORMWATER - 600Ø |
| WM | WATER - 63Ø |
| H H | FIRE HYDRANT |
| | WASTEWATER MANHOLE |
| | STORMWATER MANHOLE |
| | CATCHPIT - TO CONTAIN GPTs |
| | STORMWATER SWALE |
| | RETAINING STRUCTURES |

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **STORMWATER - OVERALL**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 4 | 30-09-2026 | BF | FOR CONSENT |
| 3 | 16-09-2026 | BF | FOR APPROVAL |
| 2 | 28/08/2026 | BF | FOR INFORMATION |
| 1 | 21/08/2026 | BF | FOR INFORMATION |

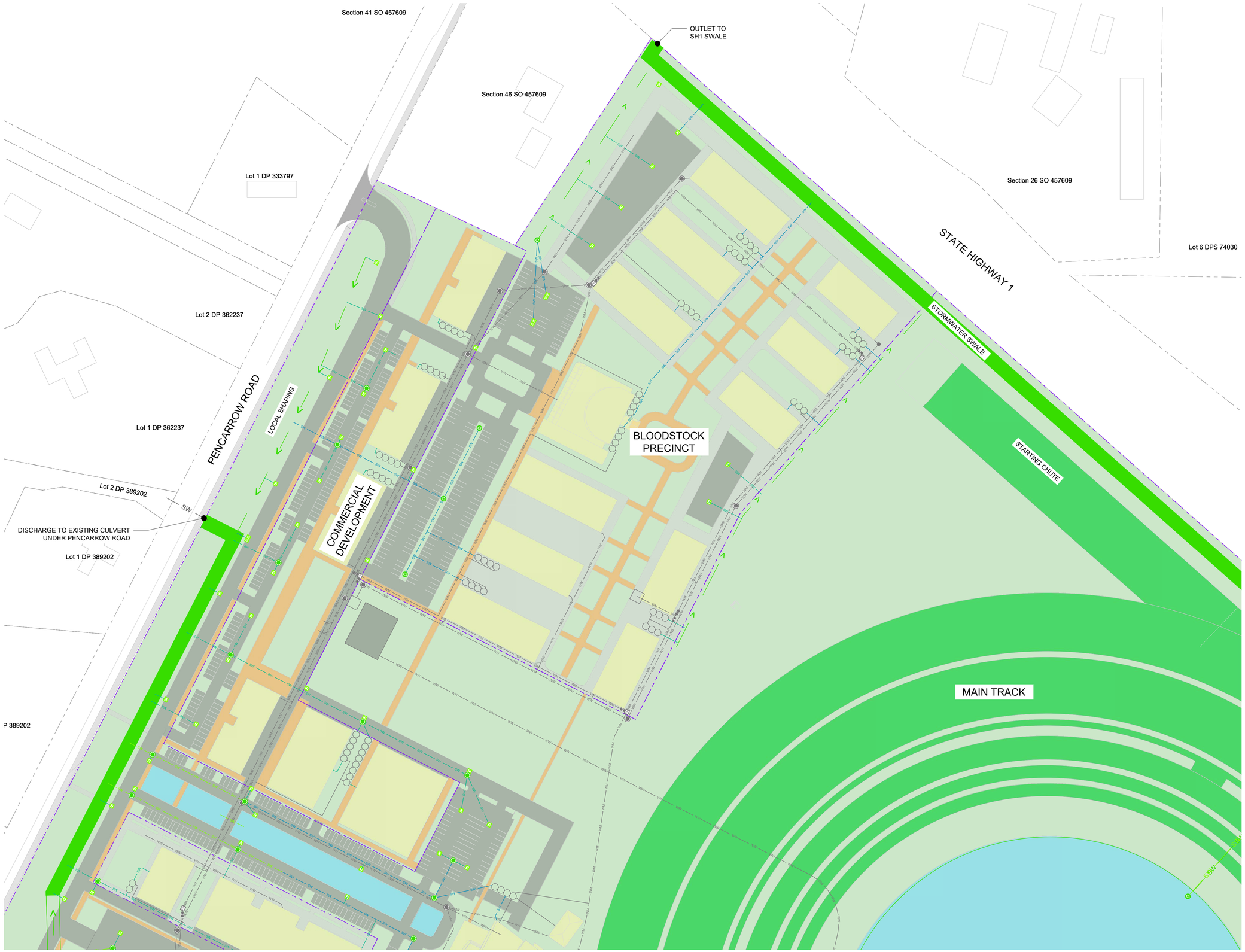
Drawn: BF | Scale: 1:5000 | at A1

Engineer: BCD

| Job No: | Sheet No: | Revision |
|---|---|---|
| 23-1883 | C-600 | 4 |

all dimensions to be verified on site before making any shop drawings or commencing any work.

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- WASTEWATER MANHOLE
- STORMWATER MANHOLE
- CATCHPIT - TO CONTAIN GPTs
- STORMWATER SWALE
- RETAINING STRUCTURES

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor:

BCD GROUP

Sheet: **STORMWATER - BLOODSTOCK & COMMERCIAL**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-601 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

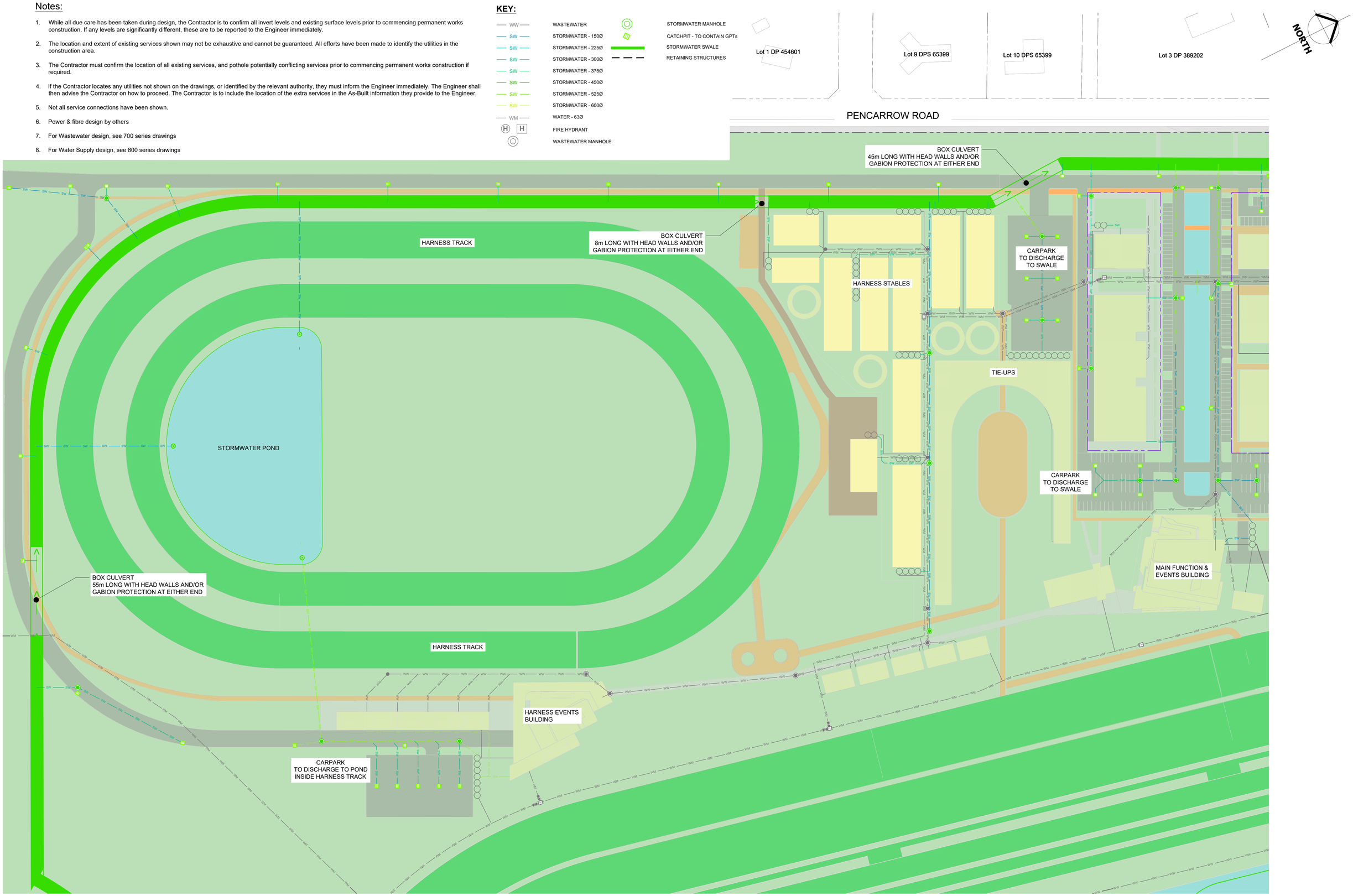
the copyright of this drawing remains with BCD Group

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- WASTEWATER MANHOLE
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- CATCHPIT - TO CONTAIN GPTs
- STORMWATER SWALE
- RETAINING STRUCTURES




Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **STORMWATER - HARNESS & MAIN**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

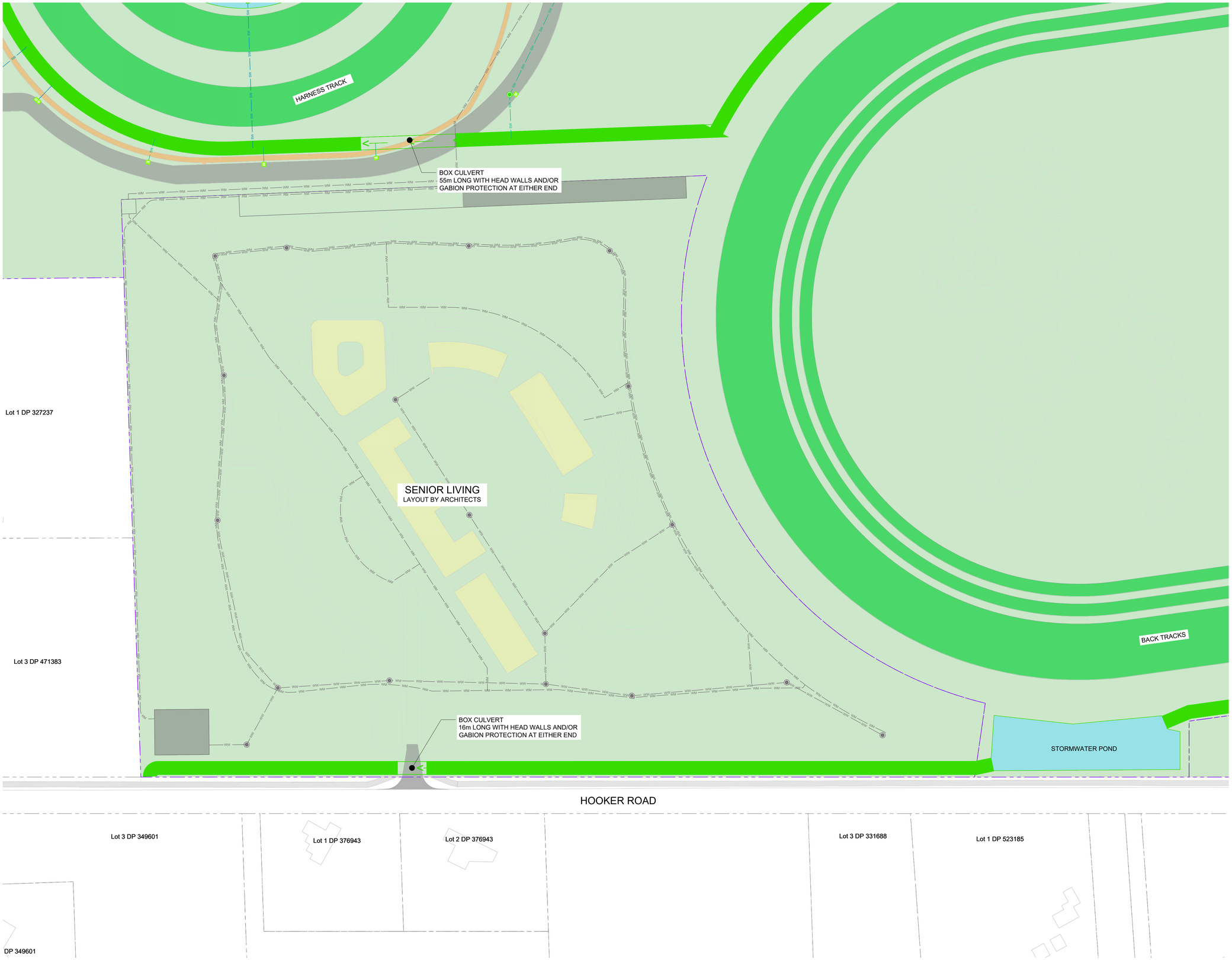
Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-602 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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- STORMWATER SWALE
- RETAINING STRUCTURES

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor:

BCD GROUP

Sheet: **STORMWATER - SENIOR LIVING**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

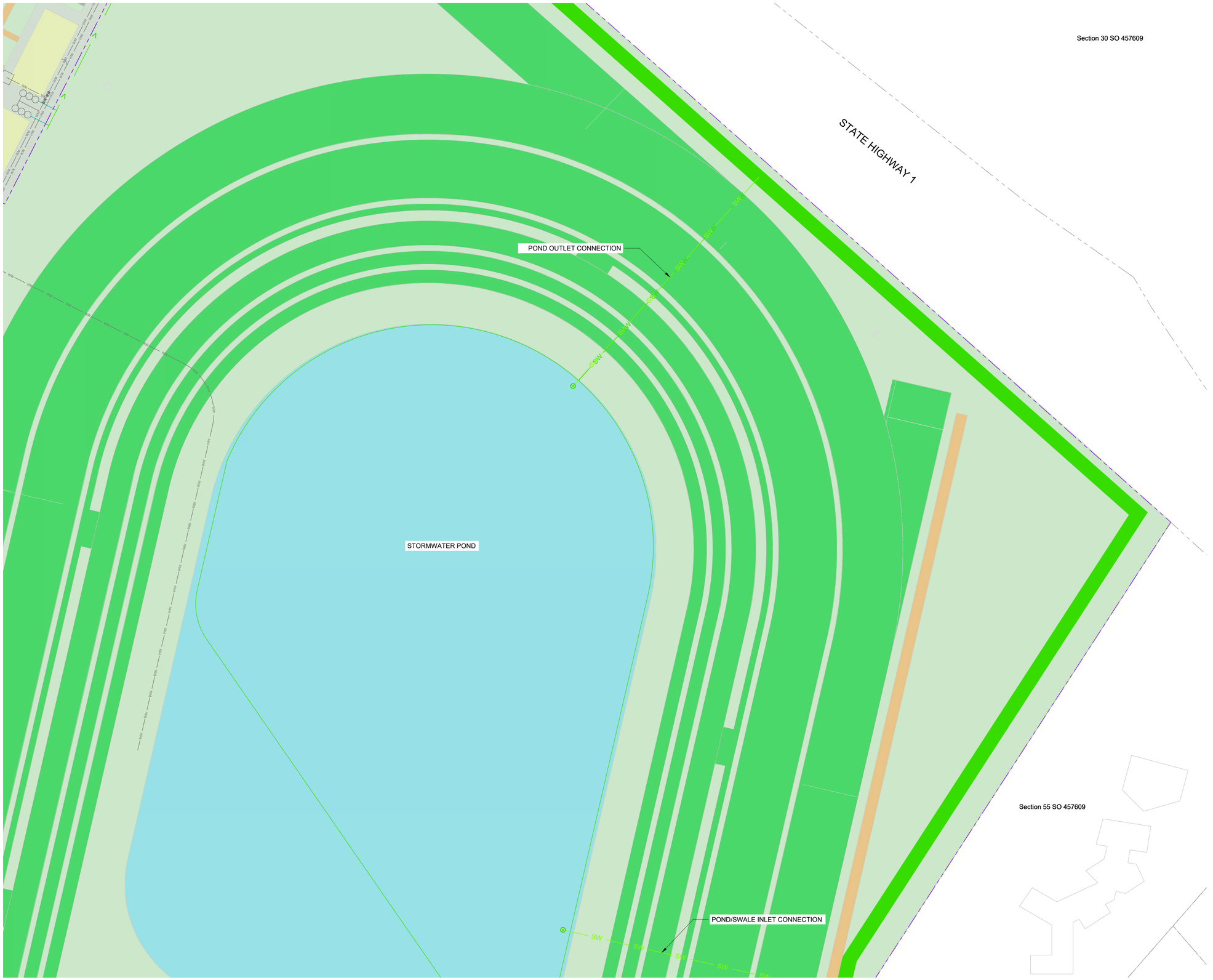
Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-603 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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- STORMWATER SWALE

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **STORMWATER - MAIN TRACK NORTH**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

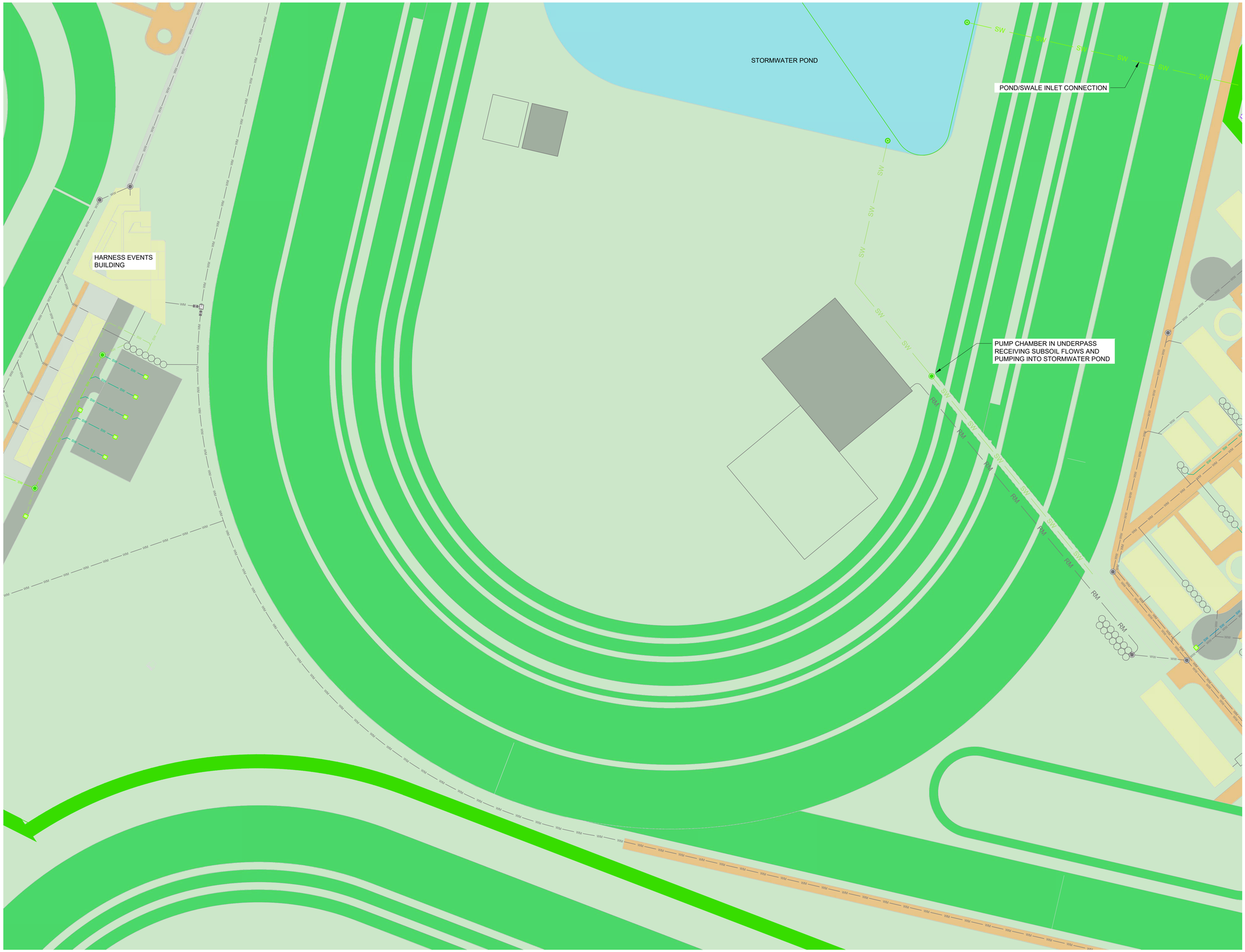
Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

| Job No: | Sheet No: | Revision |
|---|---|---|
| 23-1883 | C-604 | 3 |

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NORTH

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- RETAINING STRUCTURES

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **STORMWATER - MAIN TRACK SOUTH**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

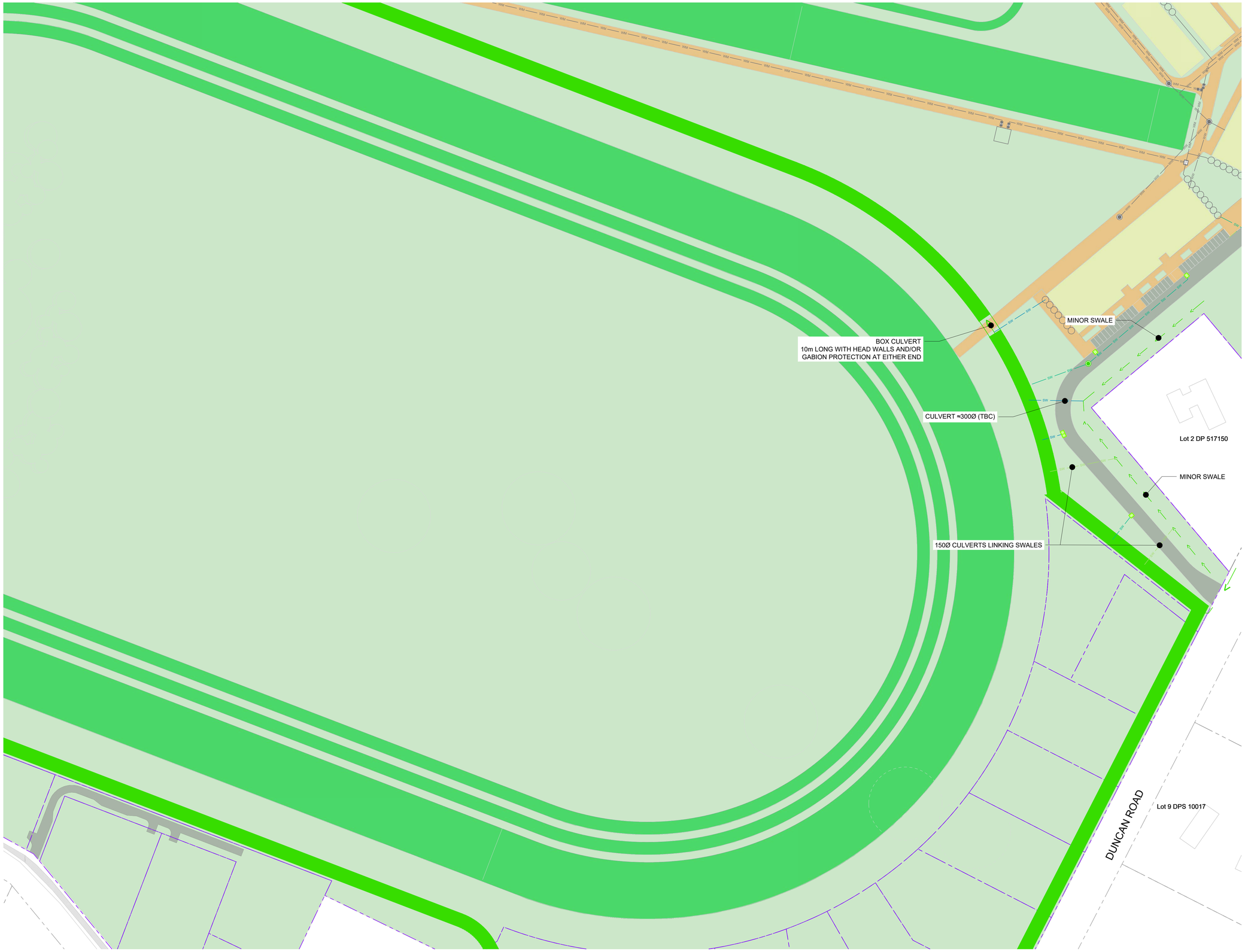
Drawn: BF | Scale: 1:1000 at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-605 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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NORTH

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Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor:

BCD GROUP

Sheet: **STORMWATER - BACKTRACK EAST**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-606 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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7. It is assumed/proposed that individual property owners will be responsible for their 3-waters

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| | WASTEWATER MANHOLE |
| | STORMWATER MANHOLE |
| | CATCHPIT - TO CONTAIN GPTs |
| | STORMWATER SWALE |

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **STORMWATER - RURAL RESIDENTIAL**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-607 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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| | STORMWATER SWALE |

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor:

BCD GROUP

Sheet: **STORMWATER - TRAINERS**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 3 | 30-09-2026 | BF | FOR CONSENT |
| 2 | 16-09-2026 | BF | FOR APPROVAL |
| 1 | 28/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: 1:1000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-608 | Revision: 3

all dimensions to be verified on site before making any shop drawings or commencing any work.

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## Plan
scale 1:2500

## Notes

- Levels in terms of NZVD2016

VERT EXAG 1:1
Datum 45.000

I.P. CH 0.00
RL 54.50

DUNCAN ROAD

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 54.500 | 54.445 | 54.390 | 54.334 | 54.279 | 54.224 | 54.176 | 54.169 | 54.113 | 54.058 | 54.003 | 53.948 | 53.892 | 53.782 |
| existing level | | 55.219 | 55.141 | 56.009 | 56.038 | 55.869 | 55.900 | 55.958 | 55.922 | 55.851 | 55.717 | 55.644 | 55.511 | 55.138 |
| change in levels | -0.570 | -0.774 | -0.752 | -1.675 | -1.759 | -1.646 | -1.724 | -1.790 | -1.808 | -1.793 | -1.714 | -1.697 | -1.618 | -1.314 | -1.356 |
| distance | | 50.000 | 100.000 | 150.000 | 200.000 | 250.000 | 292.995 | 300.000 | 350.000 | 400.000 | 450.000 | 500.000 | 550.000 | 600.000 | 650.000 |

## Northern Swale CL
scale 1:1250

VERT EXAG 1:1
Datum 45.000

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 53.782 | 53.727 | 53.672 | 53.638 | 53.616 | 53.596 | 53.561 | 53.506 | 53.451 | 53.395 | 53.340 | 53.285 | 53.230 | 53.174 | 53.119 | 53.064 |
| existing level | 55.138 | 55.180 | 55.356 | 55.042 | 55.523 | 55.391 | 54.917 | 55.283 | 54.757 | 54.912 | 55.213 | 54.750 | 54.572 | 54.257 | 54.114 | 54.258 |
| change in levels | -1.356 | -1.454 | -1.685 | -1.404 | -1.906 | -1.795 | -1.356 | -1.777 | -1.307 | -1.517 | -1.873 | -1.465 | -1.342 | -1.083 | -0.995 | -1.194 |
| distance | 650.000 | 700.000 | 750.000 | 780.009 | 800.000 | 818.544 | 850.000 | 900.000 | 950.000 | 1000.000 | 1050.000 | 1099.971 | 1100.000 | 1150.000 | 1200.000 | 1250.000 | 1300.000 |

## Northern Swale CL
scale 1:1250

VERT EXAG 1:1
Datum 45.000

OUTLET TO SH1 SWALE

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 53.064 | 53.009 | 52.953 | 52.898 | 52.843 | 52.788 | 52.733 | 52.677 | 52.622 | 52.567 | 52.512 | 52.456 | 52.409 | 52.401 | 52.400 |
| existing level | 54.258 | 53.870 | 53.835 | 53.892 | 53.656 | 53.699 | 53.482 | 53.772 | 53.743 | 53.257 | 53.092 | 53.172 | 53.234 | 53.246 | 53.337 | 53.400 |
| change in levels | -1.194 | -0.861 | -0.881 | -0.993 | -0.813 | -0.911 | -0.749 | -1.095 | -1.120 | -0.690 | -0.580 | -0.716 | -0.825 | -0.845 | -0.937 | -1.000 |
| distance | 1300.000 | 1350.000 | 1400.000 | 1450.000 | 1500.000 | 1550.000 | 1600.000 | 1650.000 | 1700.000 | 1750.000 | 1800.000 | 1850.000 | 1893.058 | 1900.000 | 1901.064 | 1901.064 |

## Northern Swale CL
scale 1:1250



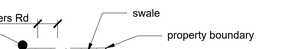

## Typical Section
scale 1:100




VERT EXAG 1:1
Datum 45.000

| | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 55.552 | 55.478 | 55.404 | 55.329 | 55.283 | 55.265 | 54.310 | 53.318 | 52.733 | 53.390 | |
| existing level | 53.950 | 53.893 | 53.818 | 53.727 | 53.610 | 53.489 | 53.444 | 53.467 | 53.474 | 53.430 | 53.575 |
| change in levels | 1.603 | 1.585 | 1.586 | 1.603 | 1.673 | 1.776 | 0.866 | -0.149 | -0.742 | -0.040 | |
| distance | 5.000 | 10.000 | 15.000 | 20.000 | 25.000 | 30.000 | 35.000 | 40.000 | 45.000 | 50.000 | |

## NTH SWALE ch1600




VERT EXAG 1:1
Datum 45.000

| | | | | | |
|---|---|---|---|---|---|
| design level | 54.567 | 54.455 | 54.520 | 54.123 | 53.948 | |
| existing level | 55.593 | 55.600 | 55.607 | 55.628 | 55.680 | 53.400 |
| change in levels | -1.027 | -1.145 | -1.088 | -1.506 | -1.732 | |
| distance | 5.000 | 10.000 | 15.000 | 20.000 | 25.000 | 28.026 |

## NTH SWALE ch500

Client: WAIKATO THOROUGHBRED RACING — TE AWAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet: **SWALES - NORTHERN**

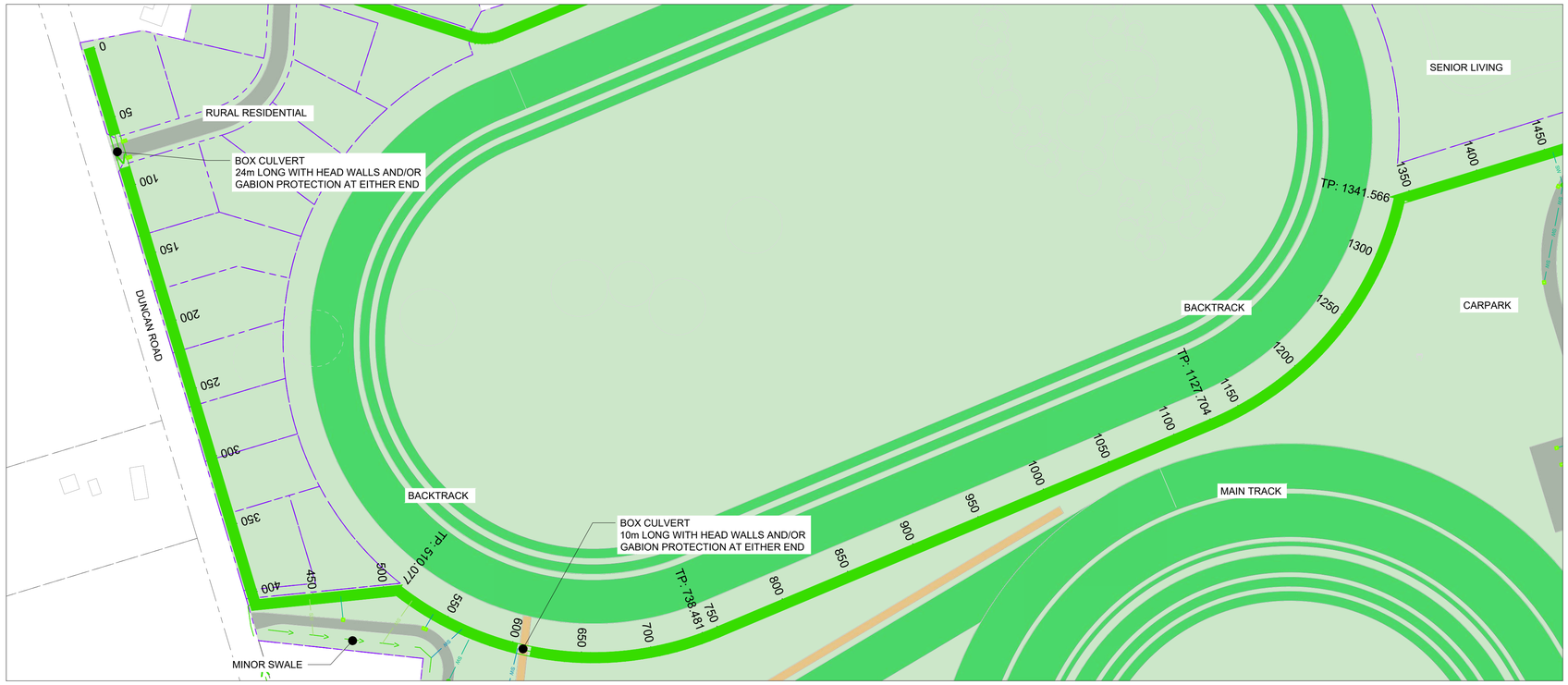
Project Title: **WAIKATO THOROUGHBRED RACING**
PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 4 | 30-06-2026 | BF | FOR CONSENT |
| 3 | 16-09-2026 | BF | FOR APPROVAL |
| 2 | 28/08/2026 | BF | FOR INFORMATION |
| 1 | 21/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: AS NOTED | at A1
Engineer: BCD
Job No: 23-1883 | Sheet No: C-620 | Revision: 4

all dimensions to be verified on site before making any shop drawings or commencing any work.

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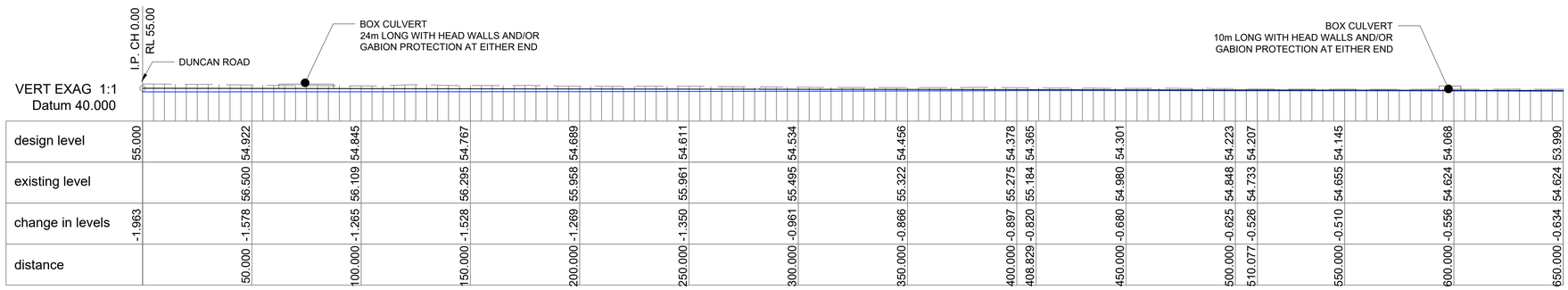




## Plan
scale 1:2000

## Notes

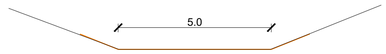
- See sheet C-622 for ch1300 to ch2534
- Levels in terms of NZVD2016




| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 55.000 | 54.922 | 54.845 | 54.767 | 54.689 | 54.611 | 54.534 | 54.456 | 54.378 | 54.365 | 54.301 | 54.223 | 54.207 | 54.145 | 54.068 | 53.990 | 53.912 | 53.852 | 53.834 | 53.757 | 53.679 | 53.601 | 53.524 | 53.446 | 53.368 |
| existing level | | 56.500 | 56.109 | 56.295 | 55.958 | 55.961 | 55.495 | 55.322 | 55.275 | 55.184 | 54.980 | 54.848 | 54.733 | 54.655 | 54.624 | 54.624 | 55.018 | 54.996 | 54.745 | 54.521 | 54.404 | 54.340 | 53.330 | 53.883 | 54.817 |
| change in levels | -1.963 | -1.578 | -1.265 | -1.528 | -1.269 | -1.350 | -0.961 | -0.866 | -0.897 | -0.820 | -0.680 | -0.625 | -0.526 | -0.510 | -0.556 | -0.634 | -1.106 | -1.144 | -0.911 | -0.764 | -0.725 | -0.739 | 0.194 | -0.437 | -1.449 |
| distance | | 50.000 | 100.000 | 150.000 | 200.000 | 250.000 | 300.000 | 350.000 | 400.000 | 408.829 | 450.000 | 500.000 | 510.077 | 550.000 | 600.000 | 650.000 | 700.000 | 738.481 | 750.000 | 800.000 | 850.000 | 900.000 | 950.000 | 1000.000 | 1050.000 |

| | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 53.290 | 53.247 | 53.213 | 53.135 | 53.057 | 52.980 | | | | | | | | | | | | | | | | | | | |
| existing level | 55.816 | 55.860 | 55.900 | 56.099 | 55.383 | 55.472 | | | | | | | | | | | | | | | | | | | |
| change in levels | -2.526 | -2.613 | -2.688 | -2.964 | -2.325 | -2.492 | | | | | | | | | | | | | | | | | | | |
| distance | 1100.000 | 1127.704 | 1150.000 | 1200.000 | 1250.000 | 1300.000 | | | | | | | | | | | | | | | | | | | |

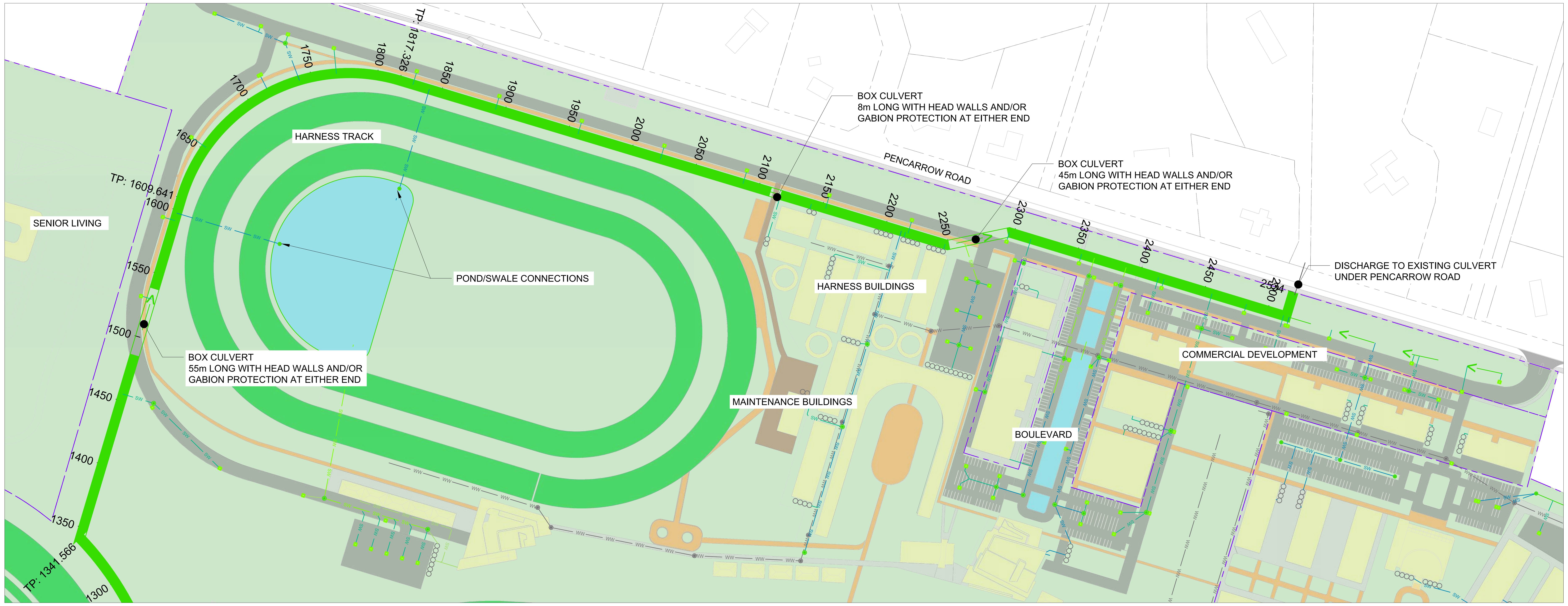
## Central Swale CL
scale 1:1250

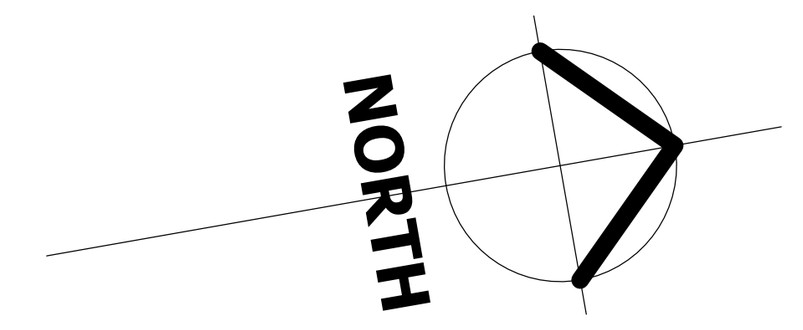



## Typical Section
scale 1:100




all dimensions to be verified on site before making any shop drawings or commencing any work.
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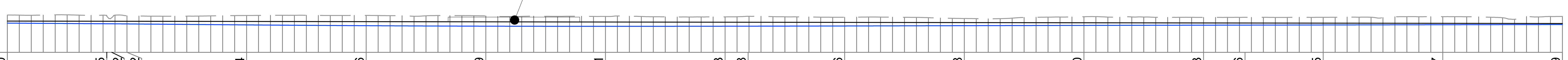



Plan
scale 1:2000

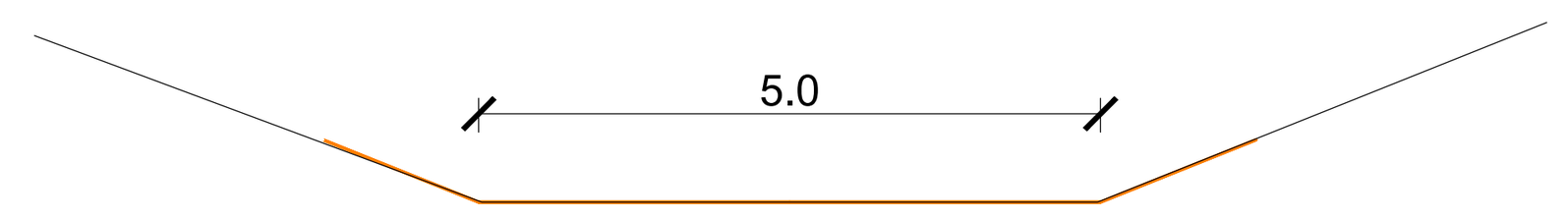
## Notes

- See sheet C-621 for ch0 to ch1300
- Levels in terms of NZVD2016

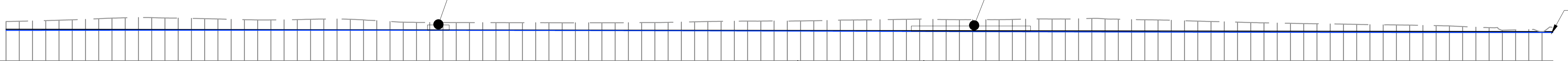



| | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 52.980 | 52.915 | 52.912 | 52.902 | 52.824 | 52.746 | 52.669 | 52.591 | 52.513 | 52.498 | 52.436 | 52.358 | 52.280 | 52.203 | 52.176 | 52.125 | 52.047 | 51.969 |
| existing level | 55.472 | 55.000 | 54.407 | 55.136 | 55.292 | 55.321 | 55.124 | 54.896 | 54.722 | 54.958 | 54.572 | 54.040 | 54.778 | 54.500 | 54.522 | 54.525 | 54.807 | 54.905 |
| change in levels | -2.492 | -2.085 | -1.495 | -2.234 | -2.468 | -2.574 | -2.455 | -2.305 | -2.208 | -2.460 | -2.136 | -1.682 | -2.497 | -2.298 | -2.347 | -2.400 | -2.760 | -2.935 |
| distance | 1300.000 | 1341.566 | 1343.654 | 1350.000 | 1400.000 | 1450.000 | 1500.000 | 1550.000 | 1600.000 | 1609.641 | 1650.000 | 1700.000 | 1750.000 | 1800.000 | 1817.326 | 1850.000 | 1900.000 | 1950.000 |

Central Swale CL
scale 1:1250




Typical Section
scale 1:100




| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 51.969 | 51.892 | 51.814 | 51.736 | 51.659 | 51.581 | 51.505 | 51.503 | 51.431 | 51.425 | 51.348 | 51.270 | 51.192 | 51.115 | 51.092 | 51.062 | |
| existing level | 54.905 | 56.411 | 55.505 | 54.655 | 54.453 | 54.581 | 55.119 | 55.130 | 55.842 | 55.735 | 55.855 | 55.048 | 53.992 | 53.000 | 51.596 | 52.726 | |
| change in levels | -2.935 | -4.519 | -3.691 | -2.919 | -2.794 | -3.001 | -3.614 | -3.627 | -4.411 | -4.310 | -4.508 | -3.778 | -2.800 | -1.885 | -0.504 | -1.664 | |
| distance | 1950.000 | 2000.000 | 2050.000 | 2100.000 | 2150.000 | 2200.000 | 2248.931 | 2250.000 | 2296.529 | 2300.000 | 2350.000 | 2400.000 | 2450.000 | 2500.000 | 2514.757 | 2533.781 | 2534.082 |

Central Swale CL
scale 1:1250

Client: WTR WAIKATO THOROUGHBRED RACING TE RAPA · CAMBRIDGE · WAIPA

Contractor

BCD GROUP

Sheet
**SWALES - CENTRAL**

Project Title
**WAIKATO THOROUGHBRED RACING**
PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 4 | 30-09-2026 | BF | FOR CONSENT |
| 3 | 16-09-2026 | BF | FOR APPROVAL |
| 2 | 28/08/2026 | BF | FOR INFORMATION |
| 1 | 21/08/2026 | BF | FOR INFORMATION |

Drawn: BF | Scale: AS NOTED | at A1
Engineer: BCD
Job No: 23-1883 | Sheet No: C-622 | Revision 4

all dimensions to be verified on site before making any shop drawings or commencing any work.

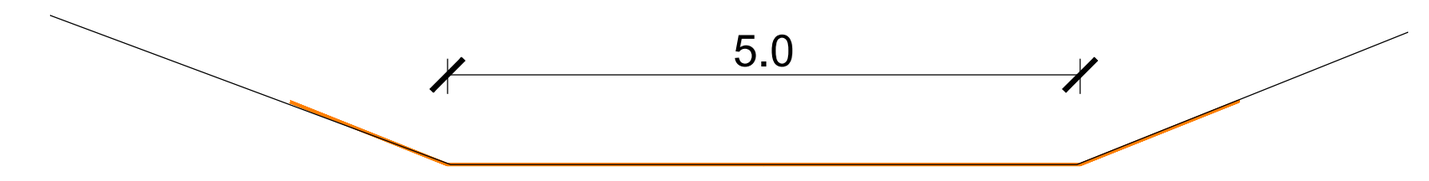
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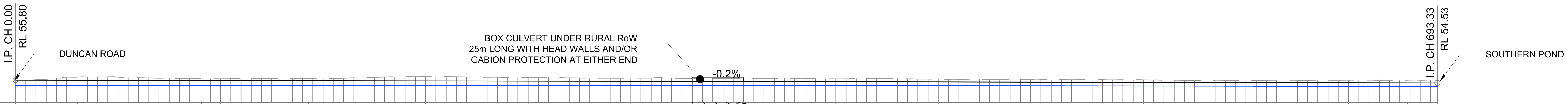

## Plan
scale 1:2000

## Notes

- Levels in terms of NZVD2016

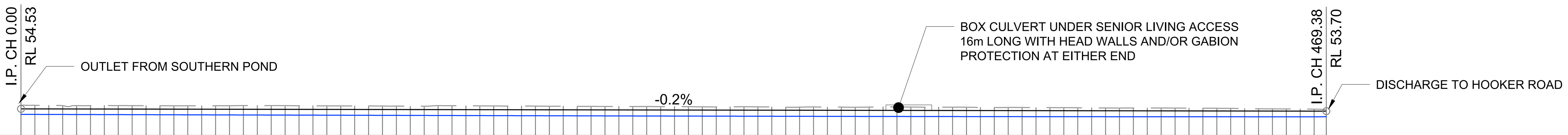



## Typical Section - Southern Swale
scale 1:100




| | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 55.800 | 55.744 | 55.708 | 55.634 | 55.617 | 55.538 | 55.525 | 55.434 | 55.342 | 55.250 | 55.196 | 55.185 | 55.175 | 55.165 | 55.159 | 55.155 | 55.067 | 54.976 | 54.884 | 54.793 | 54.701 | 54.609 | 54.557 | 54.530 |
| existing level | | 57.332 | 57.305 | 56.494 | 56.476 | 56.641 | 56.640 | 57.605 | 57.128 | 56.804 | 56.716 | 56.718 | 56.696 | 56.612 | 56.590 | 56.605 | 56.428 | 56.242 | 56.031 | 55.923 | 55.676 | 55.819 | 55.801 | 55.879 |
| change in levels | -0.011 | -1.588 | -1.597 | -0.860 | -0.860 | -1.103 | -1.114 | -2.172 | -1.785 | -1.553 | -1.520 | -1.533 | -1.521 | -1.447 | -1.431 | -1.450 | -1.361 | -1.266 | -1.147 | -1.130 | -0.975 | -1.209 | -1.245 | -1.349 |
| distance | | 30.363 | 50.000 | 90.616 | 100.000 | 142.923 | 150.000 | 200.000 | 250.000 | 300.000 | 329.933 | 335.526 | 341.151 | 346.692 | 350.000 | 352.370 | 400.000 | 450.000 | 500.000 | 550.000 | 600.000 | 650.000 | 678.658 | 693.327 |

## Southern Swale CL
scale 1:1250




| | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| design level | 54.527 | 54.511 | 54.439 | 54.351 | 54.263 | 54.175 | 54.087 | 53.998 | 53.910 | 53.822 | 53.734 | 53.708 | 53.700 |
| existing level | | 55.779 | 55.654 | 55.655 | 55.694 | 55.427 | 55.222 | 55.109 | 55.006 | 54.847 | 54.519 | 54.419 | 54.097 |
| change in levels | -1.326 | -1.268 | -1.215 | -1.304 | -1.432 | -1.253 | -1.135 | -1.111 | -1.095 | -1.025 | -0.784 | -0.711 | -0.397 |
| distance | | 9.285 | 50.000 | 100.000 | 150.000 | 200.000 | 250.000 | 300.000 | 350.000 | 400.000 | 450.000 | 464.728 | 469.384 |

## Southern Senior Swale CL
scale 1:1250

Client: WAIKATO THOROUGHBRED RACING — TE RAPA · CAMBRIDGE · WAIPA

Contractor

Sheet: **SWALES - SOUTHERN**

Project Title: **WAIKATO THOROUGHBRED RACING**

PENCARROW ROAD, TAMAHERE

| Rev | Date | By | Reason |
|---|---|---|---|
| 4 | 30-09-2026 | BF | FOR CONSENT |
| 3 | 16-09-2026 | BF | FOR APPROVAL |
| 2 | 28/08/2026 | BF | FOR INFORMATION |
| 1 | 21/08/2026 | BF | FOR INFORMATION |

Drawn: BF Scale: AS NOTED at A1

Engineer: BCD

| Job No: | Sheet No: | Revision |
|---|---|---|
| 23-1883 | C-623 | 4 |

all dimensions to be verified on site before making any shop drawings or commencing any work.

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