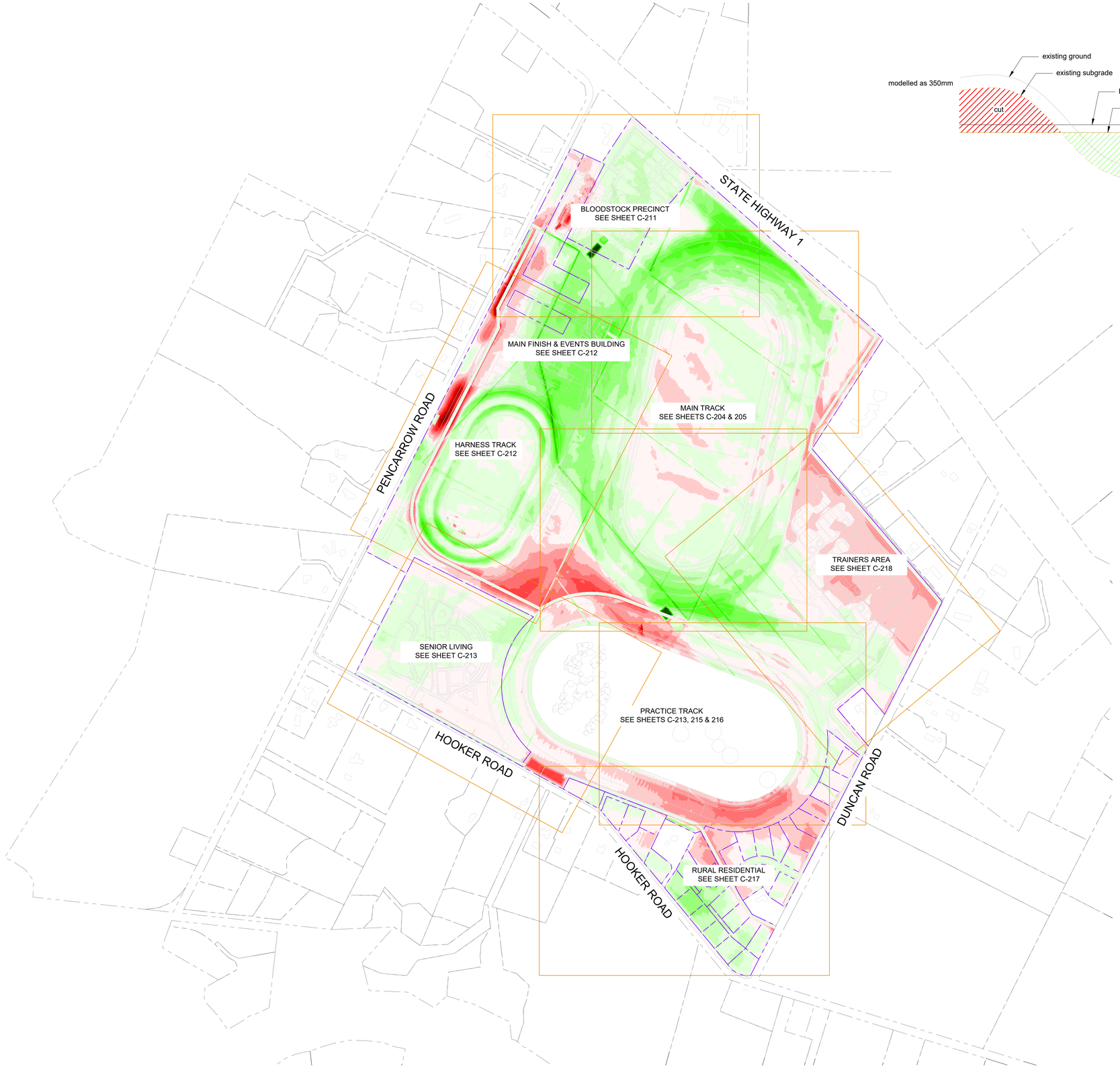


NORTH

Notes:

- Plan shows required earthworks to achieve - *Proposed Subgrade* once the site has been stripped of topsoil.
  - *Proposed Subgrade* is the:
    - underside of pavement formations
      - Roads
        - Main
          - FG - 400mm
        - Trainers
          - FG - 330mm
      - Tracks
        - Main, Back & Slow
          - FG - 400mm
        - Harness Track
          - FG - 300mm
      - Structures
        - 400mm below indicative FFLs
      - Everywhere else (parking areas, green space etc)
        - 400mm below FG to account for topsoil spreading & carpark build-up
- Area within the Backtrack remains untouched
- Colour bands depict 0.5m depths
- Any site won material to be used as Fill is to be approved by a Geotechnical Engineer
- To be read in conjunction with BCD Group Geotechnical Assessment Report

Earthworks Summary

- Affected Area
  - 1,454,675m^2
- Topsoil
  - Modelled it as being 350mm deep
  - 514,317m^3
- Cut
  - 401,977m^3
  - Max depth
    - ~5.9m
- Fill
  - 532,166m^3
  - Max depth
    - ~6.7m (infill of effluent ponds)

Note: Volumes are indicative only, as they are solid measure, and do not take in to consideration:
- *service trenching;*
- *temporary site works; or*
- *additional excavation following discovery of unsuitable material.*

Surface Analysis: Elevation Ranges

Number	Colour	Min Elevation (m)	Max Elevation (m)
1		-5.00	-4.50
2		-4.50	-4.00
3		-4.00	-3.50
4		-3.50	-3.00
5		-3.00	-2.50
6		-2.50	-2.00
7		-2.00	-1.50
8		-1.50	-1.00
9		-1.00	-0.50
10		-0.50	0.00
11		0.00	0.50
12		0.50	1.00
13		1.00	1.50
14		1.50	2.00
15		2.00	2.50
16		2.50	3.00
17		3.00	3.50
18		3.50	4.00
19		4.00	4.50
20		4.50	5.00
21		5.00	5.50
22		5.50	6.00
23		6.00	6.50
24		6.50	7.00
25		7.00	7.50

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

Contractor

BCD GROUP

Sheet: **EARTHWORKS - OVERALL**

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: 1:5000 | at A1

Engineer: BCD

Job No: 23-1883 | Sheet No: C-210 | Revision: 3

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

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