N

Location plan

North

S1

South

S2

Cut 293m3

2

Cut 662m3

3

Cut 550m3

Fill 2185m3

Retaining wall 1.2m high

Fill 593m3

GWRC pipeline easement

4

Cut 490m3

Cut 594m3

5

Cut 7m3

6

Batter 1:1

Cut 25m3

Fill 156m3

Cut 324m3

Batter 1:1

Fill 758m3

7

Fill 247m3

Retaining wall 1.2m high

Fill 13m3

Cut 64m3

Fill 99m3

Cut 254m3

Cut 1192m3

Batter 1:1

0 10 20 30 40 50 m

EARTHWORKS NOTES
==========
UNLESS SHOWN OTHERWISE:

1) Earthworks are to be overseen by a Geotechnical engineer.
2) Earthworks within the GWRC pipeline easement are also to be approved and overseen by GWRC
3) As soon as reasonably possible all open ground is to be:
    * hydro seeded
    * or topped with compacted aggregate
    * or covered in top soil and planted
4) Earthworks shown on lots 1, 3, 4, 7 and 10 is largely optional and if undertaken will necessitate the use of the South gully fill site consented for use in order to acheive a cut to fill balance within property.
5) Total cut to fill: 6000m3 including optional works.
6) Steepest fill batter 1:2
7) Steepest cut batter 1:1.5 unless
8) Where cut batters are shown and created at 1:1 they shall be assessed by the Geotechnical Engineer and if required, eased or mitigated at the Engineer's direction.
9) Refer P1.ENG045 DANGER Existing services

Legend

- Current title boundaries
- Lot boundaries (in progress)
- Current contours (1m)
- Design contours (1m)
- Cut
- Fill

secondary parcels

- DANGER Water pipelines
- DANGER homestead services

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Client:	Progeni Ltd	Fieldwork:	-	-	Scale:1:250 at A1; 1:500 at A3
Project:	Exploration Heights	Designed:	Harpham(Progeni)	03/15	ID: P1.ENG040 Rev:2016-01-28
Title:	**Earthworks north**	Drawn:	Harpham(Progeni)	12/15	Issued by: David Harpham
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