

Appendix E – Earthworks Plans (Northrop)

Fairmont Port Douglas – RFI Response

DA Reference : MCUI 2020_3711/1

Item 8 :

The location of Section A on Northrop Drawing 200372-DA-C03.01 does not pick up the filling along the western boundary where the existing drainage swale meanders in and out of the property. The low areas are evidenced by the green shading in the Northrop drawing. Concern is raised with the south west corner, (but not limited to this location), where the swale appears to be largely within the subject site. Council Officers are concerned that the proposed filling may impede the drainage line and displace the runoff and drainage to third parties, in conflict with the planning scheme, FNQROC Development Manual and QUDM.

Filling adjacent or within the water body near the north west boundary must also be considered and further detail must be provided on how this will be achieved without impacting on the adjoining landowner.

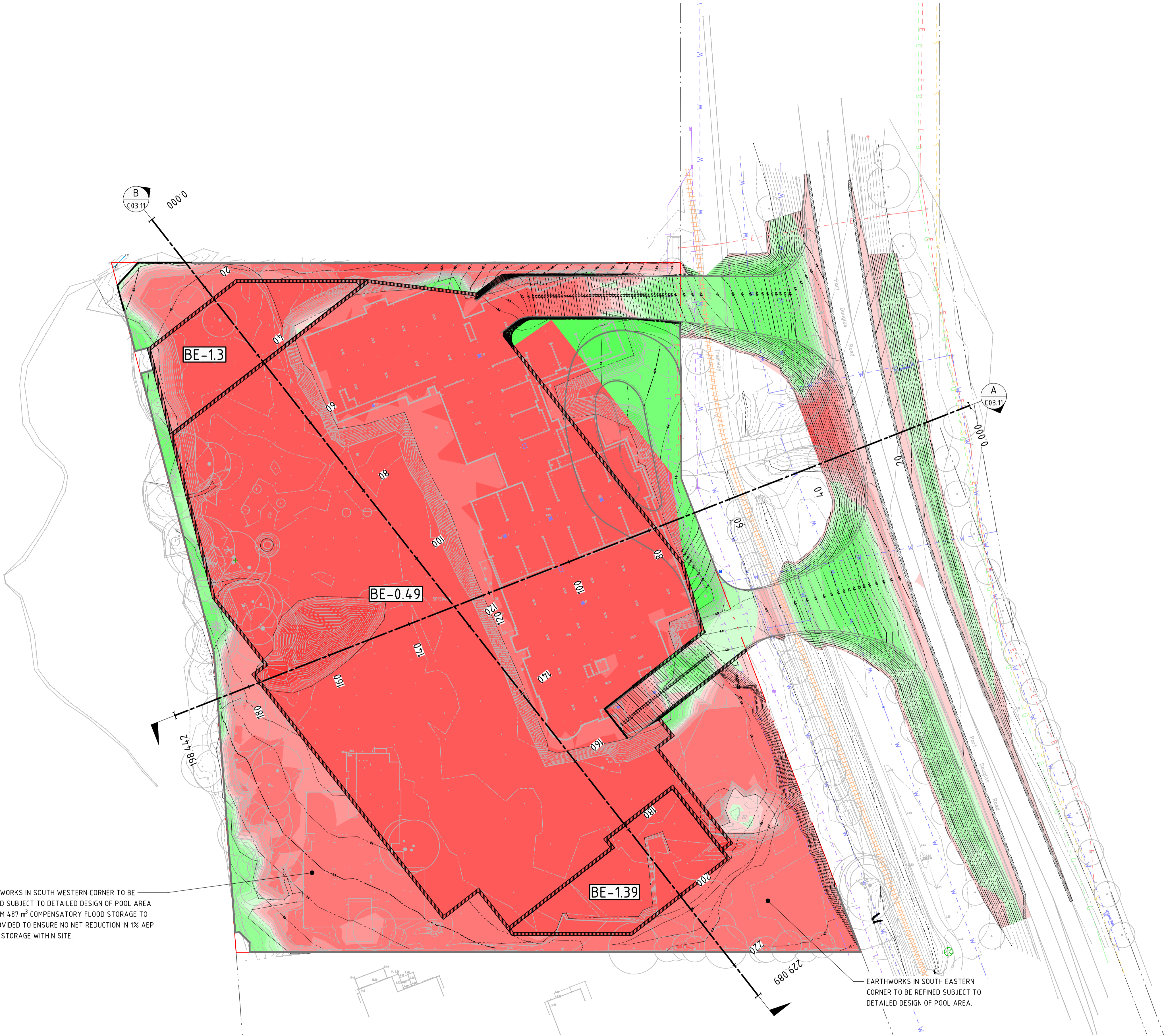
Response :

The location of Section A has been changed to better illustrate the filling along the western boundary. Note that as some filling of the lagoon edge within the site is proposed this will require compensatory flood storage to be provided within the site as noted on the drawings to be detailed/provided at the detailed design stage in the southwestern corner.

The extent of earthworks has been pulled back in the north-western corner to leave the existing overland flow path through the corner of the site uninhibited.

DRAWN: D. CHAPMAN
DESIGNED: B. FIELD
JOB MANAGER: A. RIVETT
VERIFIER:

EARTHWORKS IN SOUTH WESTERN CORNER TO BE REFINED SUBJECT TO DETAILED DESIGN OF POOL AREA. MINIMUM 487 m³ COMPENSATORY FLOOD STORAGE TO BE PROVIDED TO ENSURE NO NET REDUCTION IN 1% AEP FLOOD STORAGE WITHIN SITE.



LEGEND

SITE BOUNDARY LINE

ADJACENT BOUNDARY LINE

EASEMENT LINE

EXISTING TRAM LINE

BEXX.XX

BULK EARTHWORKS PAD LEVEL

XX.XX

CONTOURS

SHORING

DEPTH OF CUT

- 999m TO - 15.0m

- 15.0m TO - 10.0m

- 10.0m TO - 5.0m

- 5.0m TO - 2.0m

- 2.0m TO - 1.0m

- 1.0m TO - 0.5m

- 0.5m TO - 0.25m

- 0.25m TO - 0.0m

DEPTH OF FILL

0.0m TO 0.25m

0.25m TO 0.5m

0.5m TO 1.0m

1.0m TO 2.0m

2.0m TO 5.0m

5.0m TO 10.0m

10.0m TO 15.0m

15.0m TO 999m

LEGEND

1. REFER SPECIFICATIONS NOTES FOR EARTHWORKS GENERAL REQUIREMENTS.

2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AUSTRALIAN STANDARDS.

3. CAD FILES / DTM FILES TO BE SUPPLIED IN AUTOCAD FORMAT FOR SETOUT PURPOSES.

4. NO ALLOWANCE HAS BEEN MADE FOR BULKING FACTORS. NOTE ALL VOLUMES DEPICTED ARE SOLID VOLUMES ONLY AND MAY NOT REFLECT DETAILED EARTHWORKS.

5. NO ALLOWANCE HAS BEEN MADE FOR DETAILED EARTHWORKS, ie SERVICE TRENCHING, DETAILED EXCAVATION, FOOTINGS AND RETAINING WALLS.

6. THE CONTRACTOR SHALL USE FINAL SURFACE LEVELS AND TYPICAL PAVEMENT DETAILS FOR ACTUAL EARTHWORKS LEVELS.

7. APPROXIMATE BULK EARTHWORK VALUES AS FOLLOWS; VOLUMES FROM 150mm STRIPPED SURVEY TO BULK EARTHWORKS SURFACE

CUT

-51,260 m³

FILL

+3,445 m³

BALANCE

-47,815 m³

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
01	ISSUED FOR DEVELOPMENT APPLICATION	DC		AR	31.08.20	
02	ISSUED FOR DEVELOPMENT APPLICATION	AP		AR	24.02.21	

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SCALE 1:500@A1

0

5

10

15

20

25m

NORTHROP

Sydney

Level 11 345 George Street, Sydney NSW 2000

Ph (02) 9241 4188 Fax (02) 9241 4324

Email sydney@northrop.com.au ABN 81 094 433 100

PROJECT TITLE

CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION

FAIRMONT HOTELS AND RESORTS, PORT DOUGLAS

DRAWING SHEET SIZE ± A1

DRAWING TITLE

EARTHWORKS CUT FILL PLAN

DRAWING NUMBER

200372-DA-C03.01

JOB NUMBER

200372

REVISION

02

NOT FOR CONSTRUCTION

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DESIGNED: B. FIELD
JOB MANAGER: A. RIVETT
VERIFIER:

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<div><div>CHiO D O</div><div>corporation</div></div>	
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NORTHROP

Sydney

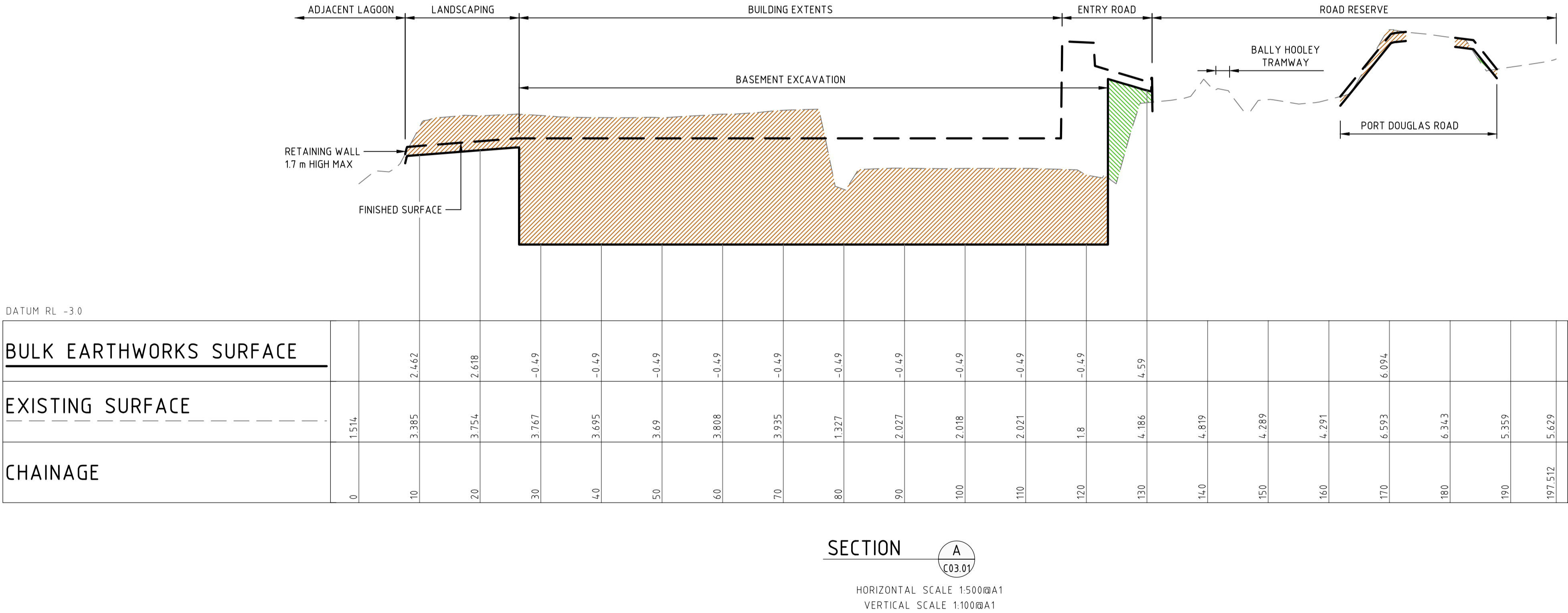
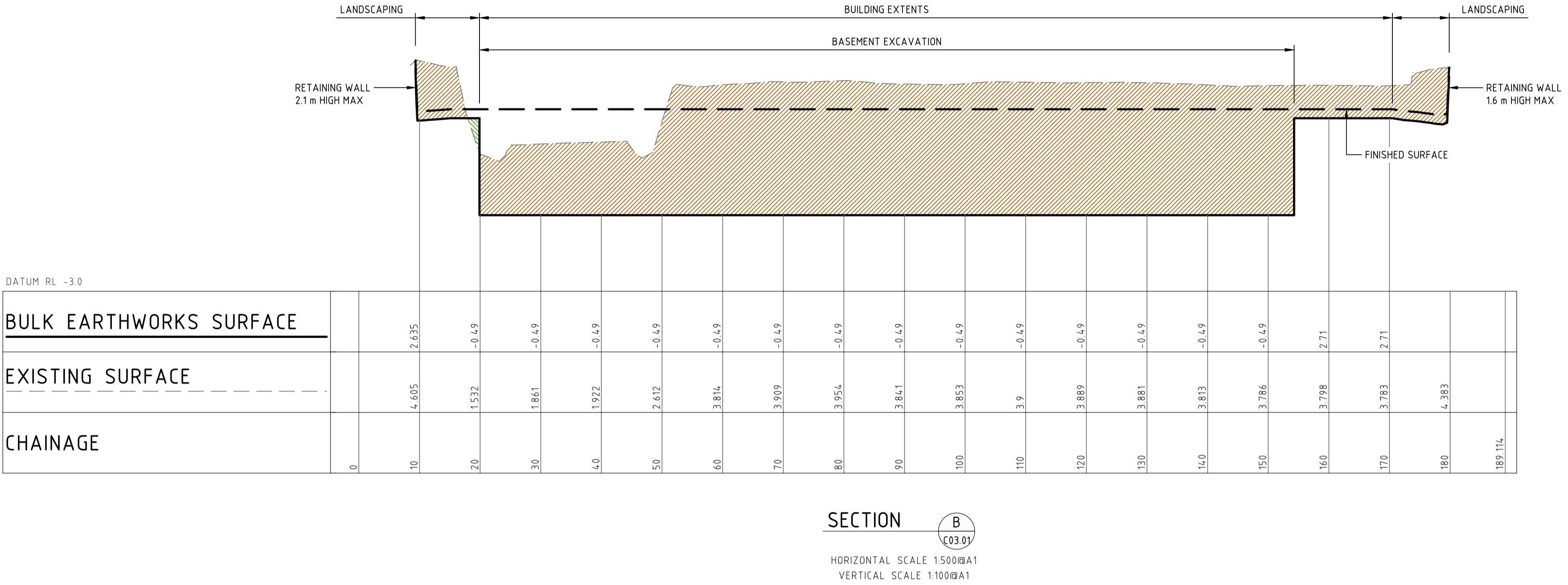
Level 11 345 George Street, Sydney NSW 2000

Ph (02) 9241 4188 Fax (02) 9241 4324

Email sydney@northrop.com.au ABN 81 094 433 100

PROJECT TITLE
CIVIL ENGINEERING PACKAGE DEVELOPMENT APPLICATION
FAIRMONT HOTELS AND RESORTS, PORT DOUGLAS
DRAWING SHEET SIZE ± A1

DRAWING TITLE	JOB NUMBER
EARTHWORKS CUT FILL SECTIONS	200372
DRAWING NUMBER	REVISION
200372-DA-C03.11	02



NOT FOR CONSTRUCTION