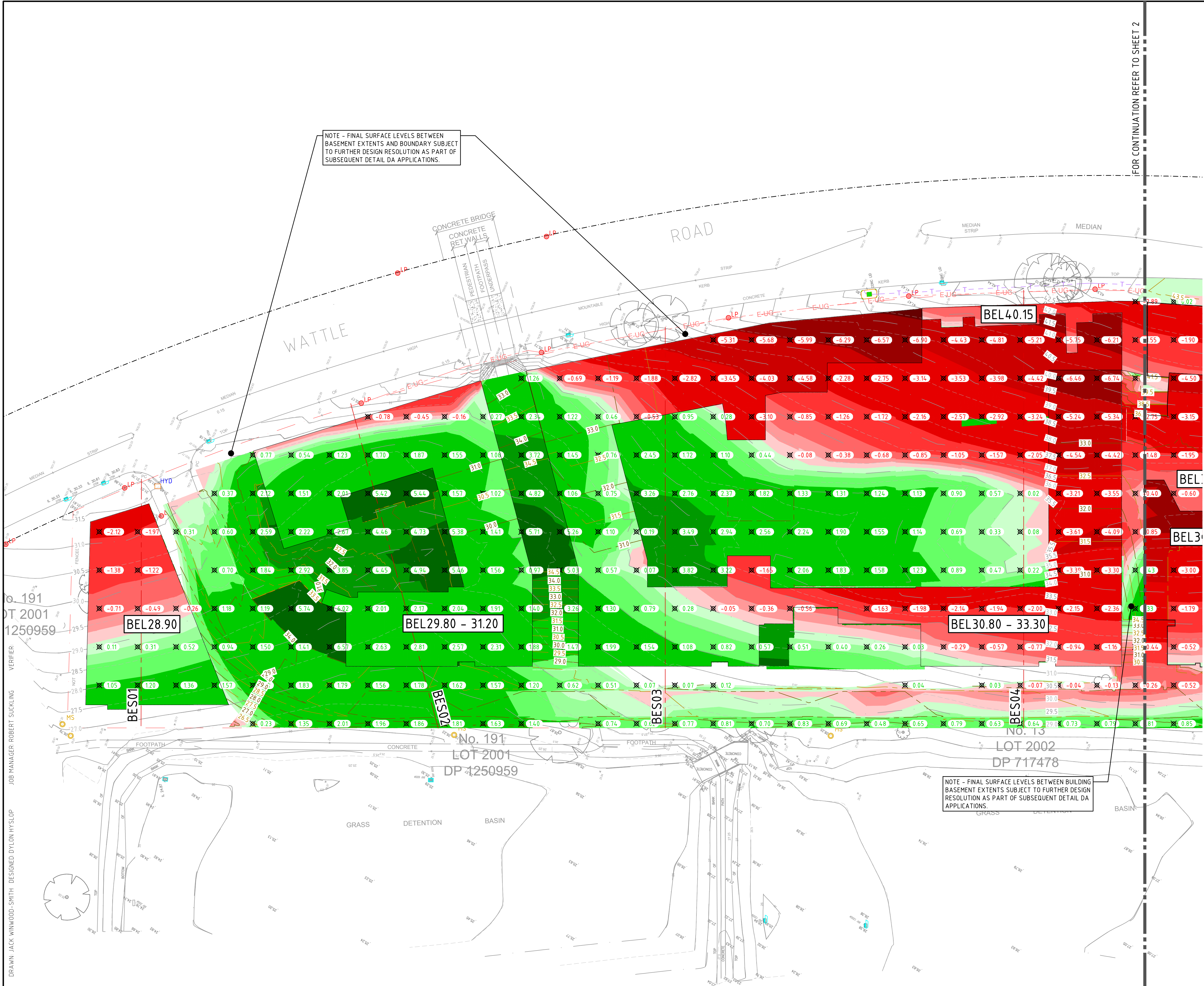




LEGEND

---34.4---

---34.8---

✕ -0.78

BEL34.60

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DENOTES SITE BOUNDARY LINE

DENOTES EXISTING CONTOUR LINES

DENOTES BULK EARTHWORKS SURFACE CONTOUR LINES

✕

DENOTES DEPTH OF PROPOSED CUT (-VE) OR FILL (+VE)

DENOTES BULK EARTHWORKS LEVEL

Surface Analysis: Elevation Ranges				
Number	Color	Minimum Elevation (m)	Maximum Elevation (m)	Volume (m³)
1		-10.000	-8.000	7.0
2		-8.000	-6.000	812.4
3		-6.000	-4.000	4272.9
4		-4.000	-2.000	12348.9
5		-2.000	-1.000	11662.4
6		-1.000	-0.500	7454.3
7		-0.500	-0.250	4254.5
8		-0.250	0.000	4702.7
9		0.000	0.250	4621.3
10		0.250	0.500	3965.8
11		0.500	1.000	6278.4
12		1.000	3.000	10524.0
13		3.000	5.000	3383.5
14		5.000	8.000	482.9

- BULK EARTHWORKS NOTES
1.

BULK EARTHWORKS LEVELS SHOWN ARE BASED ON THE FOLLOWING PAVEMENT THICKNESSES AND ALLOWANCES:
 - TRAFFICABLE CONCRETE PAVEMENT500mm
 - NON-TRAFFICABLE PAVEMENT150mm
 - STRUCTURAL BUILDING SLAB200mm
 - LANDSCAPE TOPSOIL & TURF150mm
2.

THE EXISTING GROUND SURFACE WAS LOWERED BY 200mm UNIFORMLY TO ACCOUNT FOR THE REMOVAL OF VEGETATION AND TOP SOIL AS WELL AS DEMOLITION OF EXISTING CONCRETE SLABS AND PAVEMENTS.
 - THIS VOLUME IS ESTIMATED (BASED ON THE TOTAL SITE AREA OF 40,290m²) TO BE APPROXIMATELY 8,058m³ (TOPSOIL - CUT).
3.

BULKING FACTORS OF 1.0 WAS USED FOR BOTH CUT AND FILL MATERIAL.
4.

THE APPROXIMATE SITE EARTHWORKS VOLUMES BASED ON THE NOTED PAVEMENT THICKNESSES ARE OUTLINED BELOW:
 - CUT: 48,372m³
 - FILL: 29,301m³
 - NET: 19,070³ (CUT) + 8,058m³ (TOPSOIL/PAVEMENT STRIP - CUT)
5.

THE ABOVE VOLUMES ARE TO BE ASSESS NOTING THE FOLLOWING:
 - NO ALLOWANCE HAS BEEN MADE FOR DETAILED EXCAVATIONS SUCH AS FOOTINGS, SET DOWNS, SERVICES TRENCHING, SEDIMENT BASIN, BELOW GROUND TANKS ETC.
 - NO ALLOWANCE HAS BEEN MADE FOR TEMPORARY CONSTRUCTION PLATFORMS OR RETAINING WALL BACK FILL
 - NO ALLOWANCE HAS BEEN MADE FOR THE REMOVAL OF CONTAMINATED OR UNSUITABLE MATERIAL.
6.

THIS PLAN HAS BEEN PREPARED FOR INFORMATION PURPOSES ONLY AND IS INDICATIVE IN NATURE. THE EARTHWORKS CONTRACTOR IS TO VERIFY ALL LEVELS AND QUANTITIES AND PERFORM THEIR OWN BULK EARTHWORKS ASSESSMENT.

DRAWN: JACK WINWOOD-SMITH
DESIGNED: DYLAN HYSLOP
JOB MANAGER: ROBERT SUCKLING
VERIFIER:

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT
A	FOR S4.55 APPLICATION	DKH		RS	22.04.25	

Uniting

DRAWING NOT TO BE USED FOR CONSTRUCTION UNLESS VERIFICATION SIGNATURE HAS BEEN ADDED

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PROJECT

UNITING SHELLHARBOUR
171 WATTLE ROAD
SHELLHARBOUR
CONCEPT MASTERPLAN

DRAWING TITLE

INTERNAL CIVIL WORKS
BULK EARTHWORKS PLAN
SHEET 1

JOB NUMBER

SY230307

DRAWING NUMBER

DA23.01

REVISION

A

DRAWING SHEET SIZE = A1

NOTE THAT ORIGINAL DRAWING IS IN COLOUR



NOT FOR CONSTRUCTION



LEGEND

---34.4---

---34.8---

✕ -0.78

BEL34.60

DENOTES SITE BOUNDARY LINE

DENOTES EXISTING CONTOUR LINES

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REVISION

DESCRIPTION

ISSUED

VER'D

APP'D

DATE

CLIENT

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FOR S4.55 APPLICATION

DKH

RS

17.04.25

Uniting

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15

20

25m

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Email centralcoast@northrop.com.au

ABN 81 094 433 100

PROJECT

UNITING SHELLHARBOUR

171 WATTLE ROAD

SHELLHARBOUR

CONCEPT MASTERPLAN

DRAWING TITLE

INTERNAL CIVIL WORKS

BULK EARTHWORKS PLAN

SHEET 2

JOB NUMBER

SY230307

DRAWING NUMBER

DA23.02

REVISION

A

DRAWING SHEET SIZE = A1

NOTE THAT ORIGINAL DRAWING IS IN COLOUR

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DRAWN: JACK WINWOOD-SMITH DESIGNED: DYLAN HYSLOP JOB MANAGER: ROBERT SUCKLING VERIFIER:



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YOU DIG**
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YOU DIG**
www.byda.com.au

REVISION	DESCRIPTION	ISSUED	VER'D	APP'D	DATE	CLIENT	ARCHITECT			PROJECT	DRAWING TITLE		JOB NUMBER		
A	FOR \$4.55 APPLICATION	DKH		RS	22.04.25		TURNER Level 7 ONE Oxford Street Darlinghurst NSW 2010 AUSTRALIA T +61 2 8668 0000 F +61 2 8668 0088 turnersudio.com.au		NORTHROP Central Coast Suite 4, 257-259 Central Coast Hwy, Erina NSW 2250 Ph (02) 4365 1668 Email centralcoast@northrop.com.au ABN 81 094 433 100	UNITING SHELLHARBOUR 171 WATTLE ROAD SHELLHARBOUR CONCEPT MASTERPLAN	INTERNAL CIVIL WORKS BULK EARTHWORKS SECTIONS SHEET 1		SY230307		
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