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Preliminary

25/09/2026 10:13:54 AM

LEGEND

DESCRIPTION	SYMBOL
LIMIT OF WORKS BOUNDARY	
FINISHED SURFACE CONTOUR MAJOR	25.0
FINISHED SURFACE CONTOUR MINOR	24.5
EXISTING SURFACE CONTOUR MAJOR	25.0
EXISTING SURFACE CONTOUR MINOR	24.5
FUTURE SURFACE CONTOUR MAJOR	25.0
FUTURE SURFACE CONTOUR MINOR	24.5
FINISHED LOT PAD LEVEL	25.00
FINISHED LOT SPOT LEVEL	+25.00
PROPOSED RETAINING WALL	
EXISTING RETAINING WALL	
FUTURE RETAINING WALL	
EXTENTS OF FLAT LOT PAD	
RETAINING WALL HEIGHT (EFFECTIVE HEIGHT)	HH1110
VERGE SPOT LEVEL	25.00
TOP OF WALL LEVEL	TOW 25.00
BOTTOM OF WALL LEVEL	BOW 23.89
BASE OF WALL FOOTING LEVEL	BOF 23.54
CONTROL JOINT	CJ
BRICK CONTROL JOINT	BCJ
DEEPENED WALL FOOTINGS TYPE 1	#1
DEEPENED WALL FOOTINGS TYPE 2 (POWER PILLAR CONNECTIONS)	#2
DEEPENED WALL FOOTINGS TYPE 3 (SPINE WALL DEEPENINGS)	#3

NOTES

1. ALL LEVELS IN METRES TO AHD
2. EXISTING SURVEY BY MNG
3. FOR TYPICAL RETAINING WALL DETAILS REFER TO DRAWING CW-RET-100.
4. CONTRACTOR TO LOCATE ALL EXISTING SERVICES PRIOR TO COMMENCEMENT OF WORKS ON SITE
5. ALL RETAINING WALL STUBS WHICH CONNECT TO FUTURE RETAINING WALLS TO BE 5m LONG U.N.O.
6. RETAINED HEIGHTS SHOWN ON RETAINING WALLS ARE FOR INFORMATION ONLY, AND ARE NOT TO BE USED FOR CONSTRUCTION PURPOSES
7. EXCEPT WHERE NOTED RETAINING WALLS TO BE CONSTRUCTED SUCH THAT BOUNDARY IS LOCATED IN POSITION 2 (REFER DETAIL 1)
8. MORTAR JOINTS TO BE BRUSHED FLUSH WITH FACE OF WALL
9. RETAINING WALLS SHALL BE CONSTRUCTED WITH RECONSTITUTED LIMESTONE BLOCKS
10. FOR INTERMEDIATE (HALF COURSE) HEIGHT WALLS, REFER TO DETAIL 2.
11. WALL TAPERS TO BE CONSTRUCTED AS PER DETAIL ON DRAWING CW-RET-100.
12. RETAINED LOT HEIGHTS (HH) REFERS TO CLEARANCE FROM TOP OF FOUNDATION BLOCK(S) TO TOP OF RETAINING WALL (TWL)
13. ALL DEEPENED FOOTINGS TO BE 3.0m IN LENGTH U.N.O
14. REFER TO DRAWING 6568-XXX-XXX FOR DEEPENED FOOTING TYPES AND DETAILS.
15. POINTING MORTAR TO BE 2 : 1 : 9 (M4)

BALFOUR STREET

KILGARRIFF ROAD

ROSCOMMON VISTA

HENNESSY WAY

WALL A REFER LONG SECTION ON 6568-01-310

WALL B REFER LONG SECTION ON 6568-01-310

REVERSE WALL REFER DETAILS 3&4 ON 5683-01-301

EXISTING PANEL AND POST RETAINING WALL TO BE REMOVED

TOW 17.10

TOW 18.93

TOW 19.24

TOW 17.02 TOW 16.65

TOW 14.30

TOW 16.65

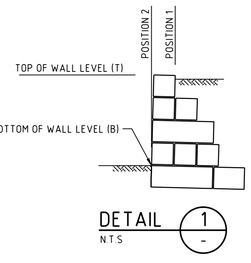
TOW 16.28

4.5m

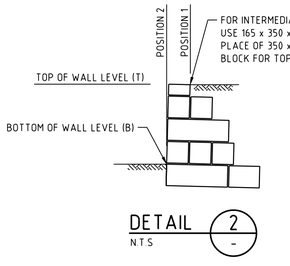
4.0m (TYP)

8001

881



DETAIL 1
N.T.S



DETAIL 2
N.T.S

REV	DATE	DRN	CKD	APP	AMENDMENT
D	28.08.26	HVD	TM		LOT LEVELS/ROAD AMENDED AS SHOWN
C	10.08.26	HVD	TM	M. WALLIS	LOTS 28-33 LEVELS RAISED, WALL HEIGHTS REVISED
B	30.07.26	HVD	TM	M. WALLIS	POS BASIN SHOWN
A	23.04.26	HVD	TM	M. WALLIS	ISSUED FOR PRICING/APPROVAL

N

1:500 0m 10 20 30m

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T (08) 9422 5800

E perth.reception@cosweb.com.au

CLIENT: LANDGROUP WA PTY LTD.

APPROVED

DESIGNED: HVD

SCALE: 1:500

PROJECT: LOT 880 BALFOUR STREET - STAGE 01

TITLE: RETAINING WALL PLAN SHEET 1 OF 1

WAPC No. 203070

DRAWING No. 6568-01-300

REVISION D

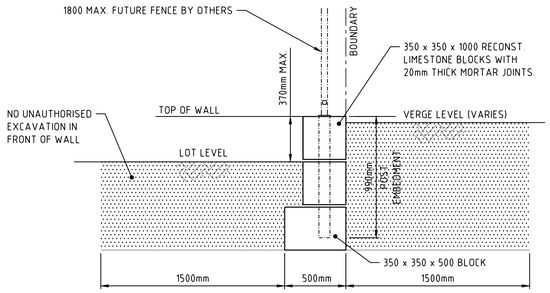
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×××STRUCTURAL CONSULTANT×××

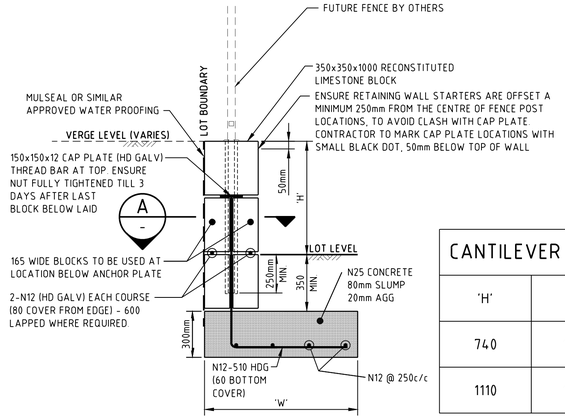
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STRUCTURAL ENGINEER'S CERTIFICATION

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DETAIL 3
1:25



DETAIL 4
1:25

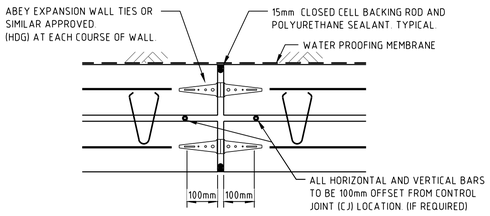
CANTILEVER WALL	
'H'	'W'
740	1000
1110	1200

NOTES

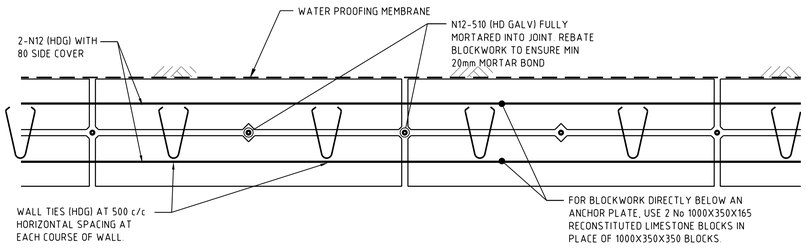
1. ALL LEVELS IN METRES TO AHD
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11. WALL TAPERS TO BE CONSTRUCTED AS PER DETAIL ON DRAWING CW-RET-100.
12. RETAINED LOT HEIGHTS (Ht) REFERS TO CLEARANCE FROM TOP OF FOUNDATION BLOCK(S) TO TOP OF RETAINING WALL (TWL)
13. ALL DEEPENED FOOTINGS TO BE 3.0m IN LENGTH U.N.O
14. REFER TO DRAWING 6568-STD-105 FOR DEEPENED FOOTING TYPES AND DETAILS.
15. POINTING MORTAR TO BE 2 : 1 : 9 (M4)

LEGEND

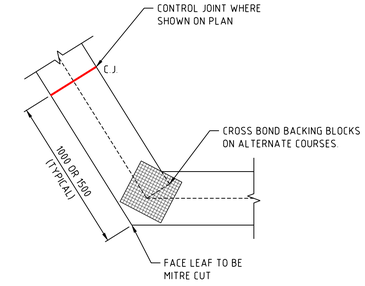
DESCRIPTION	SYMBOL
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FINISHED SURFACE CONTOUR MINOR	24.5
EXISTING SURFACE CONTOUR MAJOR	25.0
EXISTING SURFACE CONTOUR MINOR	24.5
FUTURE SURFACE CONTOUR MAJOR	25.0
FUTURE SURFACE CONTOUR MINOR	24.5
FINISHED LOT PAD LEVEL	25.00
FINISHED LOT SPOT LEVEL	+25.00
PROPOSED RETAINING WALL	
EXISTING RETAINING WALL	
FUTURE RETAINING WALL	
EXTENTS OF FLAT LOT PAD	
RETAINING WALL HEIGHT (EFFECTIVE HEIGHT)	Ht1110
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CONTROL JOINT	CJ
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DEEPENED WALL FOOTINGS TYPE 2 (POWER PILLAR CONNECTIONS)	#2
DEEPENED WALL FOOTINGS TYPE 3 (SPINE WALL DEEPENINGS)	#3



TYPICAL CONTROL JOINT (BCJ) DETAIL
SCALE 1:10

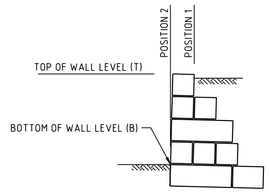


SECTION A
1:10

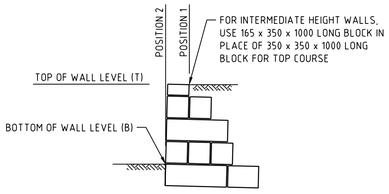


TRUNCATED CORNER DETAIL
1:20

NOTES
THIS DETAIL TAKES PRECEDENCE OVER TYPICAL DETAIL OF CONTROL JOINT AT A CORNER TRUNCATION ON CW-RET-100



DETAIL 1
N.T.S



DETAIL 2
N.T.S

Preliminary
25/09/2026 10:14:06 AM

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×××STRUCTURAL CONSULTANT×××

.....

DATE: .....

STRUCTURAL ENGINEER'S CERTIFICATION

REV	DATE	DRN	CKD	APP	AMENDMENT
B	28.08.26	HVD	TM		WAPC ADDED
A	23.04.26	HVD	TM	M. WALLIS	ISSUED FOR PRICING/APPROVAL

N

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1:25 0m 0.5 1 1.5
1:20 0m 0.4 0.8 1.2
1:10 0m 0.2 0.4 0.6

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Level 1, 502 Hay Street
Subiaco WA 6008

T (08) 9422 5800

E perth.reception@cosweb.com.au

CLIENT: LANDGROUP WA PTY LTD.

APPROVED

DESIGNED: HVD

SCALE: 1:500

PROJECT: LOT 880 BALFOUR STREET - STAGE 01

TITLE: RETAINING WALL NOTES AND DETAILS SHEET 1 OF 1

WAPC No. 203070

DRAWING No. 6568-01-301

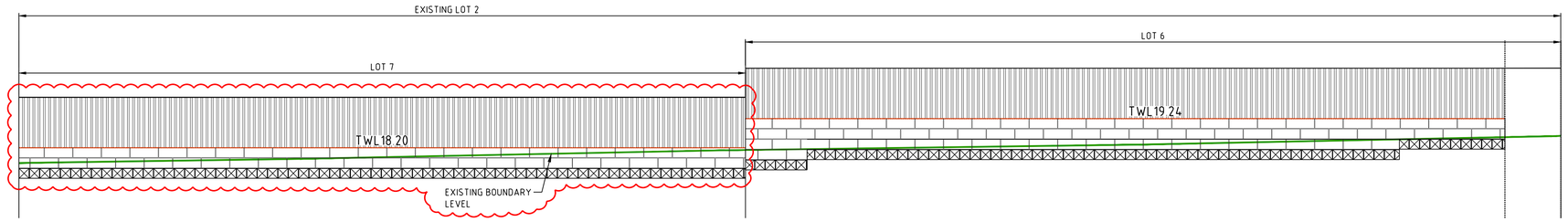
REVISION B

ORIGINAL SIZE A1

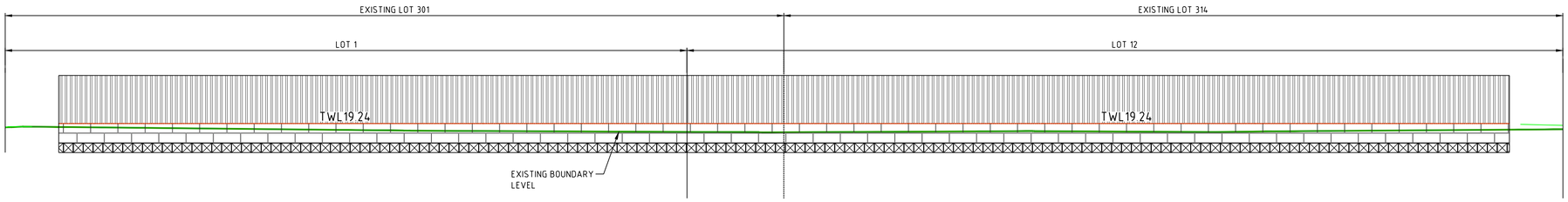
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NOTES

1. TOP OF WALL LEVEL (TWL) REFERS TO THE TOP OF LIMESTONE WALL (EXCLUDING CAPPING)
2. REFER TO DRAWING 6568-01-300 FOR RETAINING WALL PLAN, DEEPENED FOOTING LOCATIONS, WALL OFFSETS AND ADDITIONAL NOTES.
3. ALL BLOCKS MUST BE RECONSTITUTED LIMESTONE HAVING A DRY DENSITY OF AT LEAST 1800 kg/m AND A CRUSHING STRENGTH OF AT LEAST 5.0MPa.



LONG SECTION - WALL A
1:100



LONG SECTION - WALL B
1:100

Preliminary

25/09/2026 10:14:35 AM

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×××STRUCTURAL CONSULTANT×××

.....

DATE: .....

STRUCTURAL ENGINEER'S CERTIFICATION

REV	DATE	DRN	CKD	APP	AMENDMENT
B	28.08.26	HVD	TM		WALL A AMENDED
A	23.04.26	HVD	TM	M. WALLIS	ISSUED FOR PRICING/APPROVAL

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1:500

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CLIENT: LANDGROUP WA PTY LTD.

APPROVED: MJW

DESIGNED: HVD

SCALE: 1:500

PROJECT: LOT 880 BALFOUR STREET - STAGE 01

TITLE: RETAINING WALL ELEVATIONS SHEET 1 OF 1

WAPC No. 203070

DRAWING No. 6568-01-310

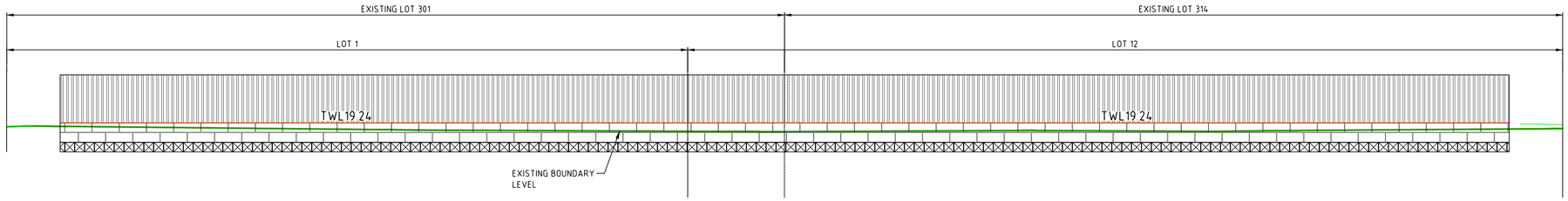
REVISION B

ORIGINAL SIZE A1

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NOTES

1. TOP OF WALL LEVEL (TWL) REFERS TO THE TOP OF LIMESTONE WALL (EXCLUDING CAPPING)
2. REFER TO DRAWING 6568-01-300 FOR RETAINING WALL PLAN, DEEPENED FOOTING LOCATIONS, WALL OFFSETS AND ADDITIONAL NOTES.
3. ALL BLOCKS MUST BE RECONSTITUTED LIMESTONE HAVING A DRY DENSITY OF AT LEAST 1800 kg/m AND A CRUSHING STRENGTH OF AT LEAST 5.0MPa.



LONG SECTION - WALL B
1:100

Preliminary
25/09/2026 10:14:48 AM

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×××STRUCTURAL CONSULTANT×××

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DATE: .....

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REV	DATE	DRN	CKD	APP	AMENDMENT
A	25.03.26	HVD	TM	-	ISSUED FOR PRICING/APPROVAL

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1:500 0m 10 20 30m

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CLIENT: LANDGROUP WA PTY LTD.

APPROVED: CHECK PRINT

DESIGNED: HVD

SCALE: 1:500

PROJECT: LOT 880 BALFOUR STREET - STAGE 01

TITLE: RETAINING WALL ELEVATIONS SHEET 2 OF 2

WAPC No.: ...

DRAWING No.: 6568-01-311

REVISION: A

ORIGINAL SIZE: A1

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