



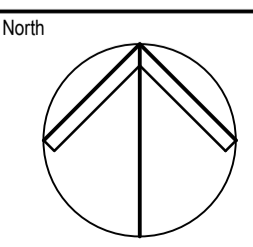
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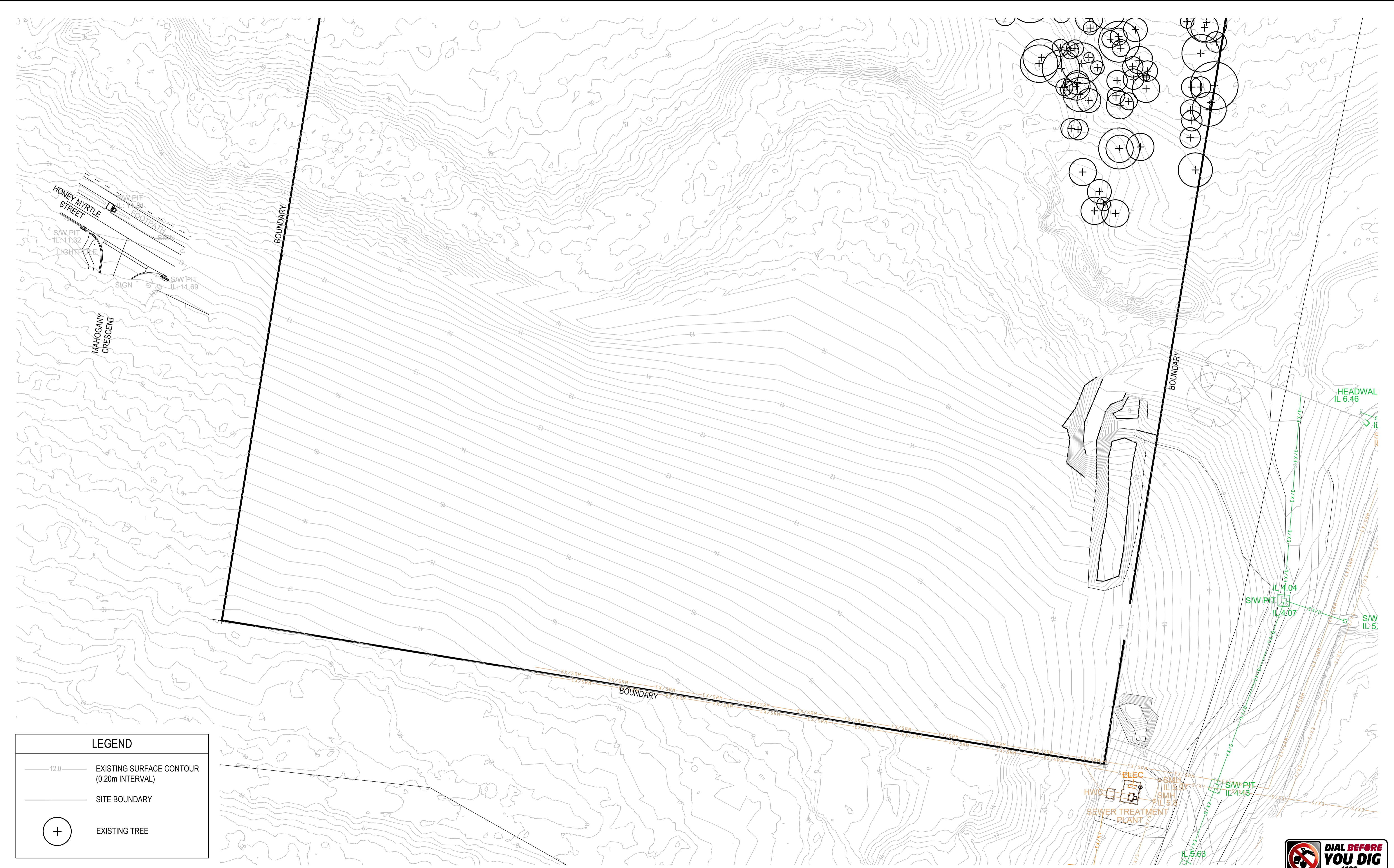
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Cooks Hill, Newcastle NSW 2300
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title | | Scale | | G.A. Check | |
|---------------|-------------|-----------|----|------------|----------|
| LOCALITY PLAN | | N.T.S. | | Date | |
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | N.T.S. | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA101-101 | | B | |

15/05/2022 10:00 AM



LEGEND

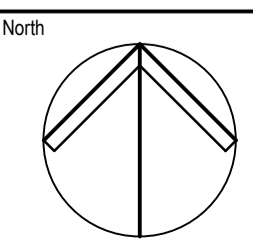
- 12.0 — EXISTING SURFACE CONTOUR (0.20m INTERVAL)
- SITE BOUNDARY
- ⊕ EXISTING TREE

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title | | EXISTING TOPOGRAPHY PLAN | |
|---------------|-------------|--------------------------|----------|
| Drawn | Date | Scale | A1 |
| JER | DEC 20 | 1:500 | |
| Designed | Project No. | Q.A. Check | Date |
| BG | NSW202521 | JPR | 16.05.22 |
| | | Dwg. No. | Issue |
| | | DA101-201 | B |

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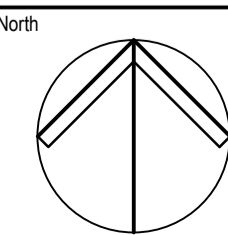


SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

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Drawing Title
SITE AERIAL IMAGE

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA101-202 | B | | |

1:500 @ A1 Scale: 1:1000 @ A3 Scale: 1:500 @ A1 Scale: 1:1000 @ A3



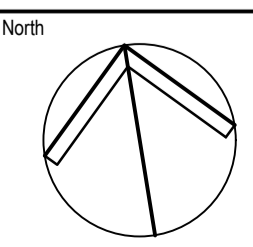
LEGEND

- LOT BOUNDARIES
- PROPOSED DRIVEWAY
- PROPOSED FOOTPATH
REFER TO MCC SD012

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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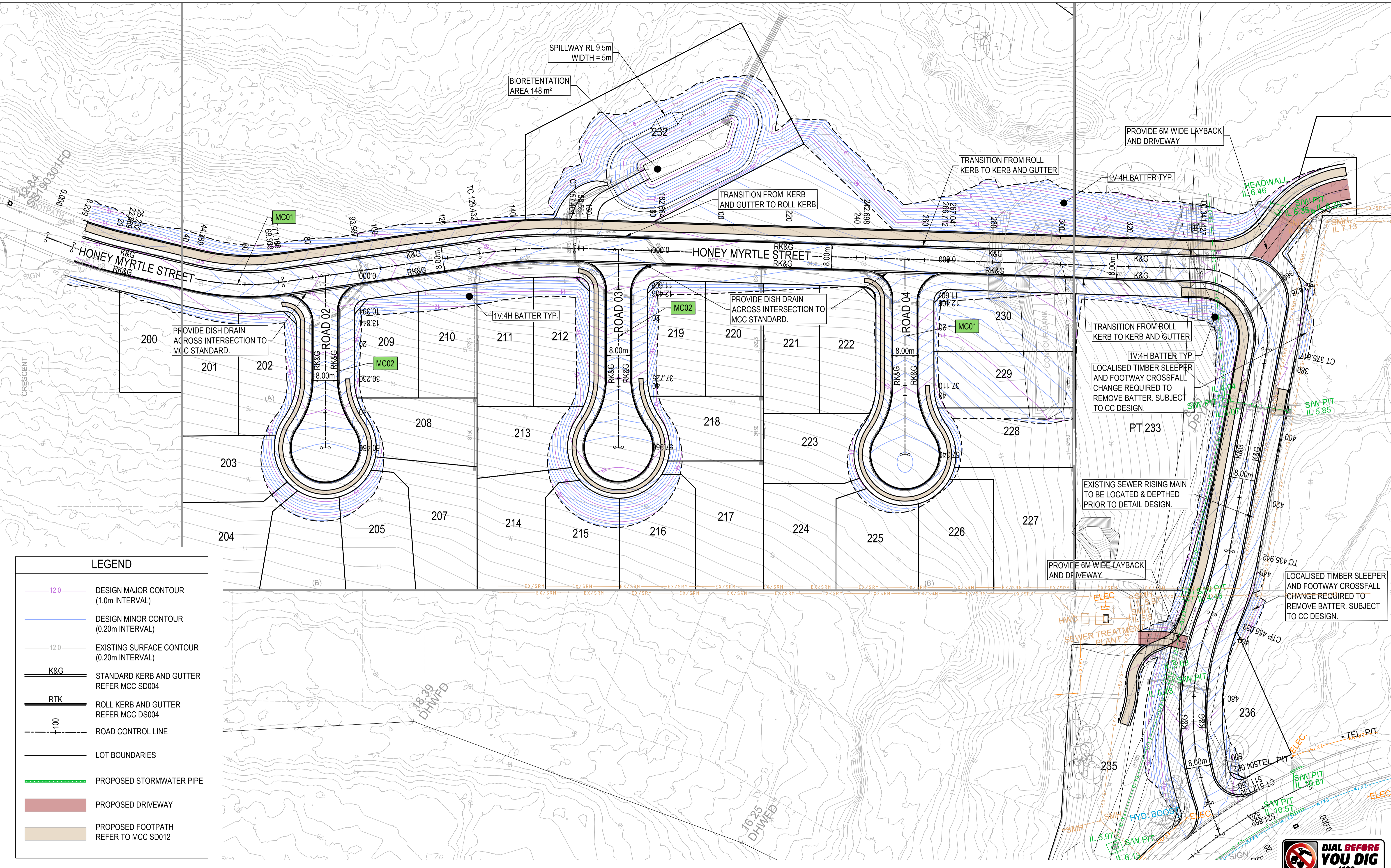
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title | | Scale | | A1 | | G.A. Check | | Date | |
|-----------------|-------------|-----------|-------|------------|-------------|------------|----------|----------|-------------|
| PROPOSED LAYOUT | | 1:500 | | | | JPR | | 16.05.22 | |
| Drawn | Date | Scale | A1 | G.A. Check | Date | Drawn | Date | Scale | A1 |
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 | JER | 16.05.22 | 1:500 | |
| Designed | Project No. | Dwg. No. | Issue | Designed | Project No. | Dwg. No. | Issue | Designed | Project No. |
| BG | NSW202521 | DA102-001 | B | BG | NSW202521 | DA102-001 | B | BG | NSW202521 |

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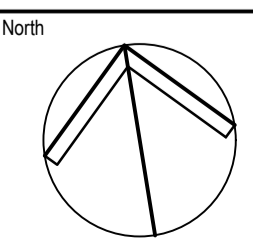
LEGEND

- 12.0 DESIGN MAJOR CONTOUR (1.0m INTERVAL)
- DESIGN MINOR CONTOUR (0.20m INTERVAL)
- 12.0 EXISTING SURFACE CONTOUR (0.20m INTERVAL)
- K&G** STANDARD KERB AND GUTTER REFER MCC SD004
- RTK** ROLL KERB AND GUTTER REFER MCC DS004
- 100** ROAD CONTROL LINE
- LOT BOUNDARIES
- PROPOSED STORMWATER PIPE
- PROPOSED DRIVEWAY
- PROPOSED FOOTPATH REFER TO MCC SD012

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
GENERAL ARRANGEMENT PLAN

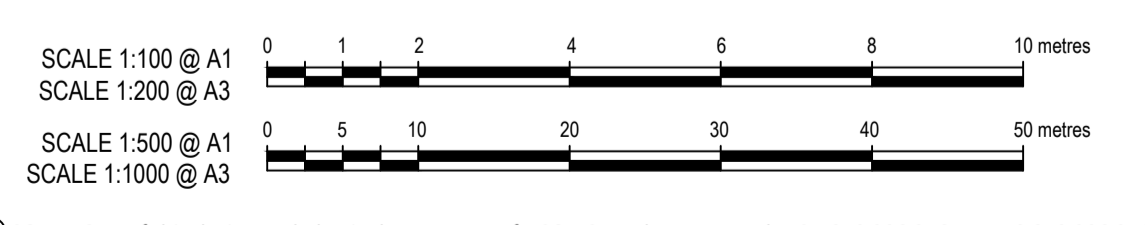
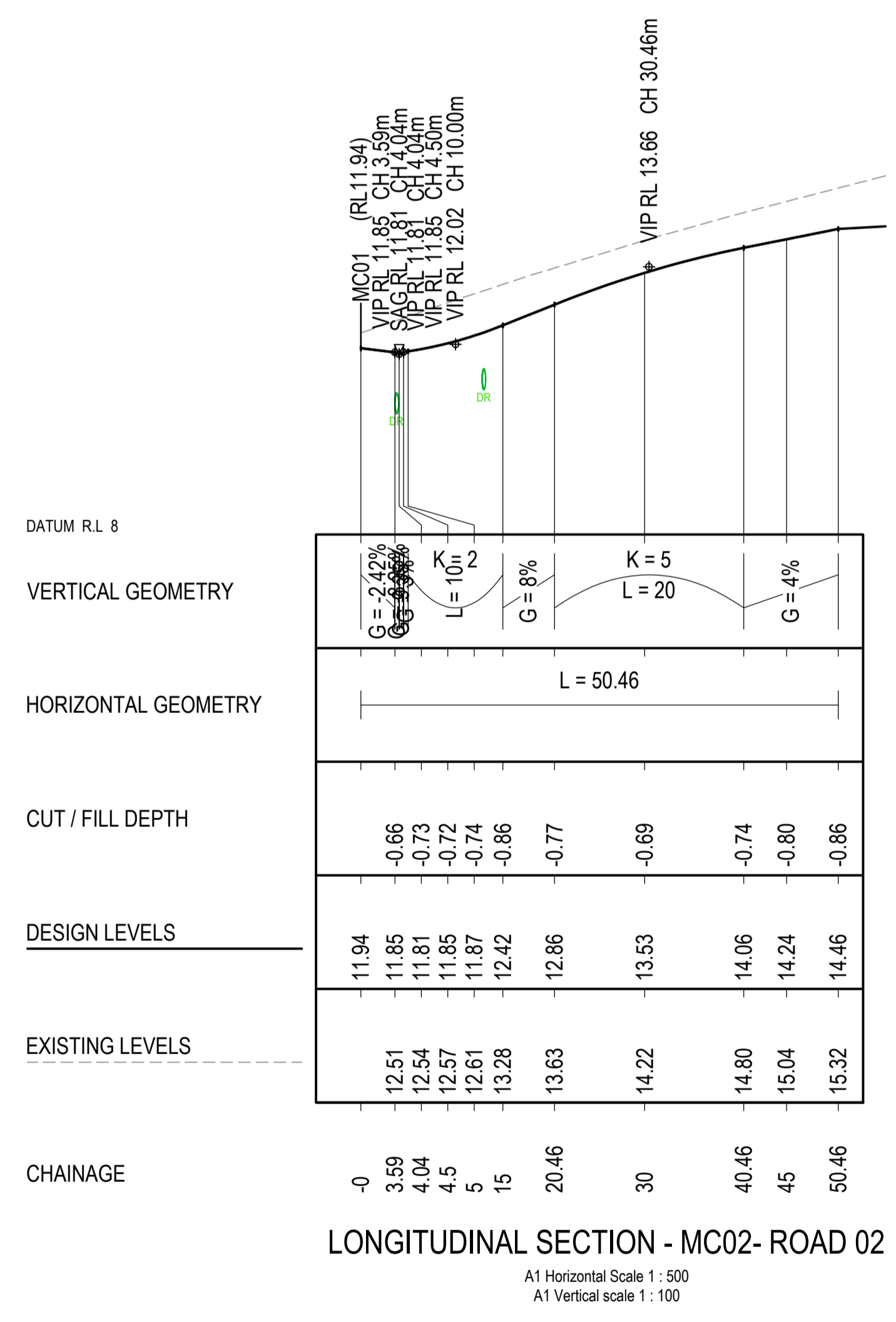
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| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA103-001 | B | | |

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| LEGEND | |
|--------|----------------------------|
| | - DESIGN SURFACE |
| | - EXISTING SURFACE |
| | - PROPOSED STORMWATER MAIN |
| | - PROPOSED SEWER MAIN |
| | - PROPOSED WATER MAIN |



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Project
THORNTON STAGE 2 DEVELOPMENT
 530 RAYMOND TERRACE ROAD
 THORNTON

| Drawing Title | | | |
|-----------------------------------|-------------|-----------|-------|
| ROAD LONGITUDINAL SECTIONS (MC02) | | | |
| Drawn | Date | Scale | A1 |
| JER | DEC 20 | AS SHOWN | |
| Designed | Project No. | Dwg. No. | Issue |
| BG | NSW202521 | DA104-201 | B |
| G.A. Check | | Date | |
| JPR | | 16.05.22 | |

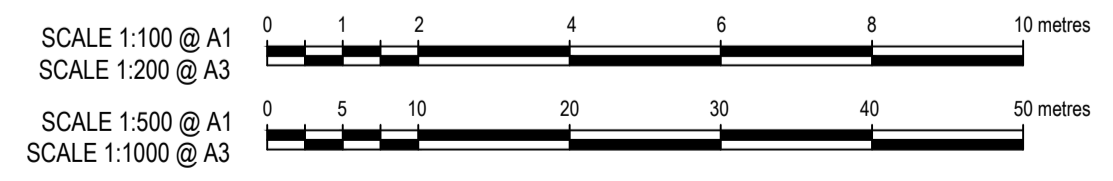
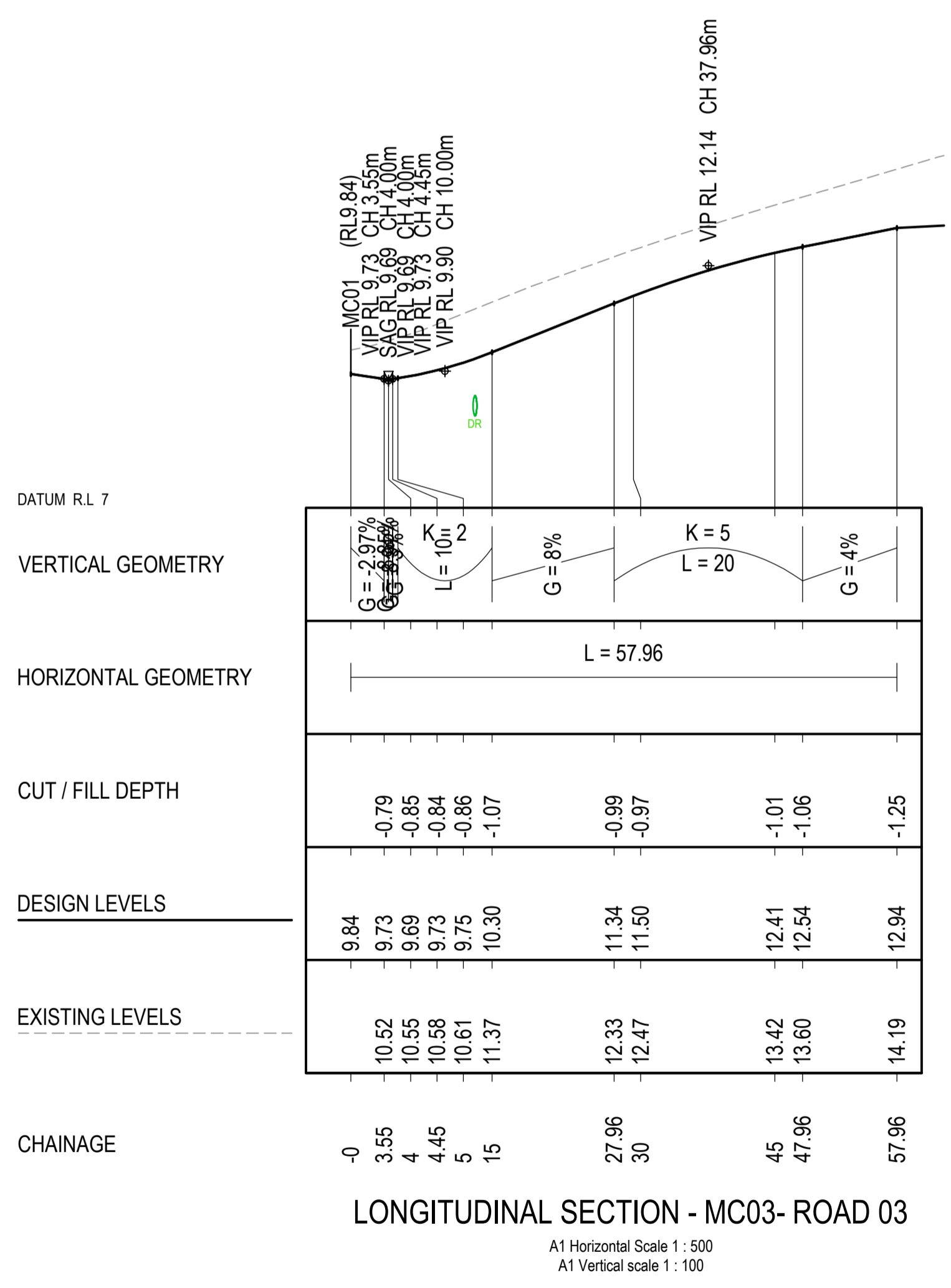
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1931301-530 Raymond Terrace NSW202521-12.dwg 16/05/2022 10:08:48 AM

| LEGEND | |
|--------|----------------------------|
| | - DESIGN SURFACE |
| | - EXISTING SURFACE |
| | - PROPOSED STORMWATER MAIN |
| | - PROPOSED SEWER MAIN |
| | - PROPOSED WATER MAIN |



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Project
THORNTON STAGE 2 DEVELOPMENT
 530 RAYMOND TERRACE ROAD
 THORNTON

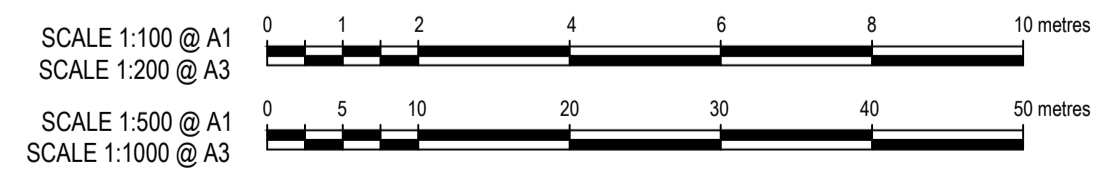
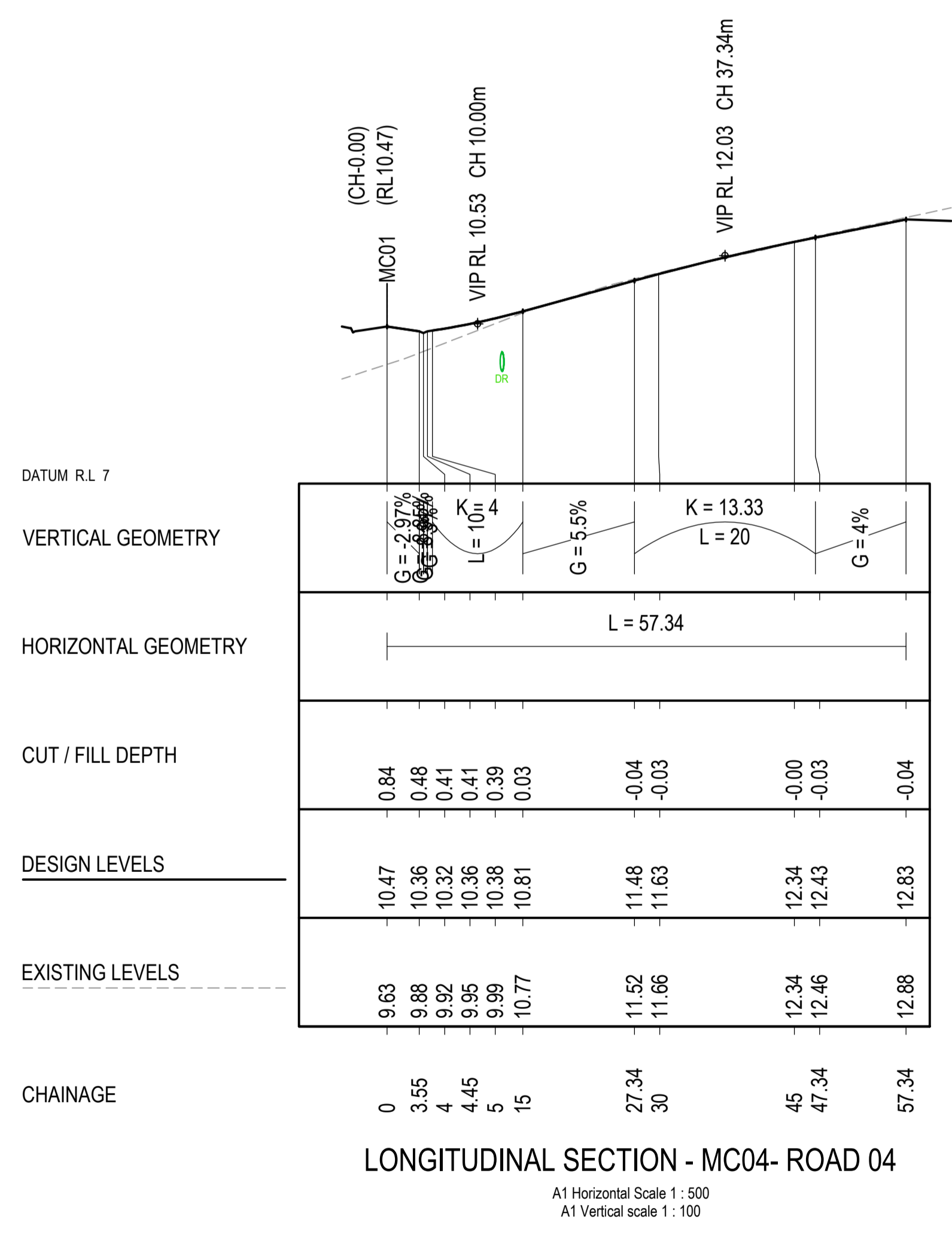
| Drawing Title | | Scale | | G.A. Check | |
|-----------------------------------|-------------|-----------|----|------------|----------|
| ROAD LONGITUDINAL SECTIONS (MC03) | | AS SHOWN | | JPR | |
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | AS SHOWN | A1 | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA104-301 | | B | |

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190130121/Thornton Stage 2 Development/2022/03/01/Longitudinal Sections/03/01/Longitudinal Section - MC03.dwg

| LEGEND | |
|--------|----------------------------|
| | - DESIGN SURFACE |
| | - EXISTING SURFACE |
| | - PROPOSED STORMWATER MAIN |
| | - PROPOSED SEWER MAIN |
| | - PROPOSED WATER MAIN |



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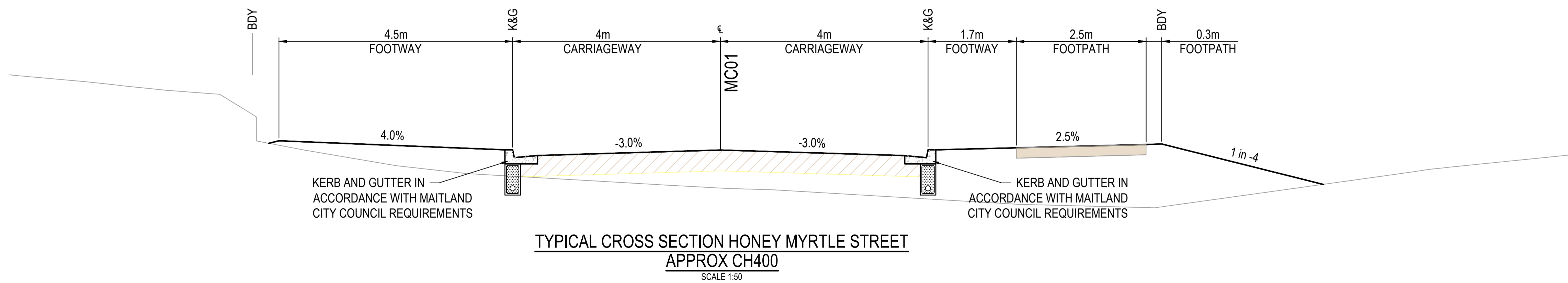
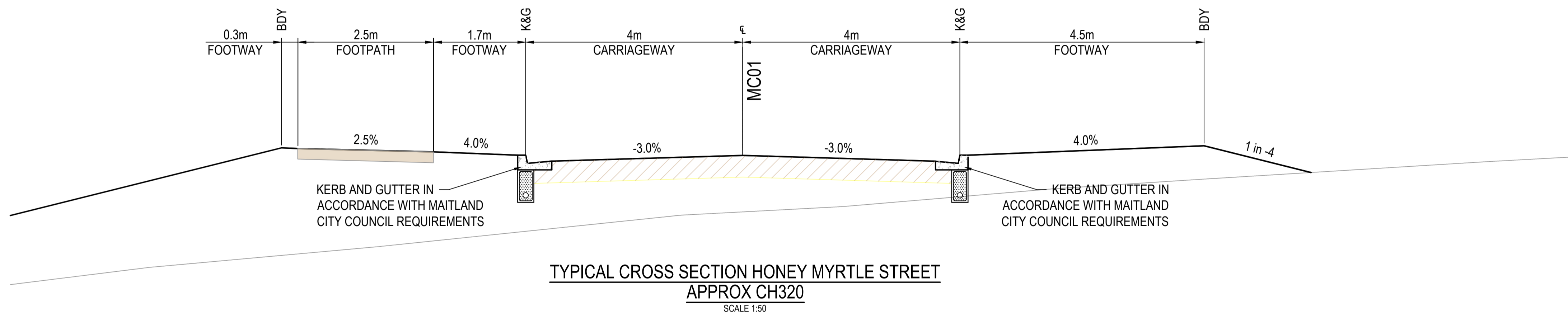
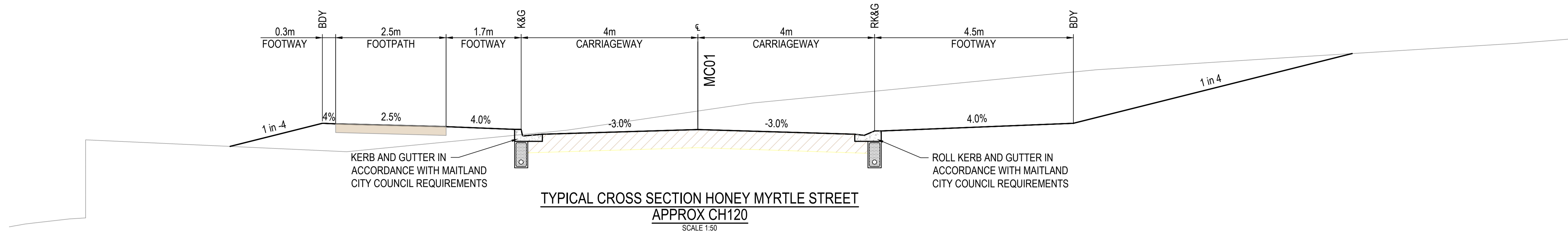
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title ROAD LONGITUDINAL SECTIONS (MC04) | | | | | |
|---|-------------|-----------|----|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | AS SHOWN | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**TYPICAL ROAD CROSS SECTIONS
SHEET 1**

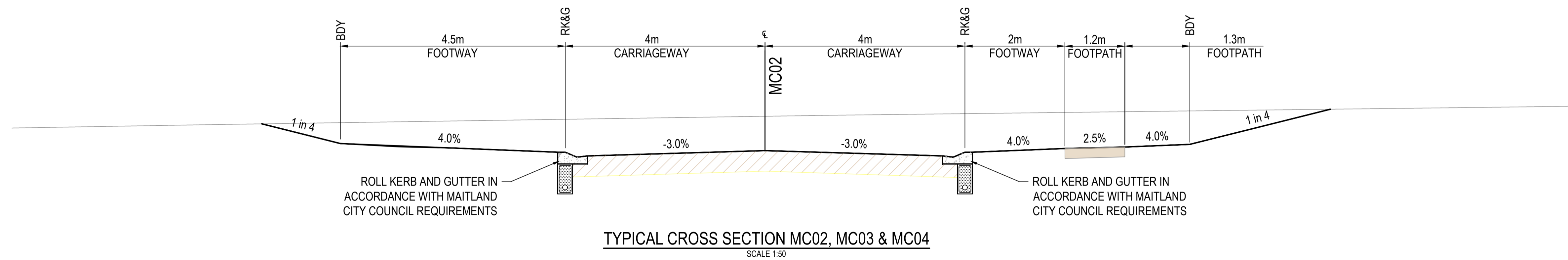
| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:50 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-001 | B | | |

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1:50 @ A1: 530 Raymond Terrace Road, Thornton NSW 2300, Australia



SCALE 1:50 @ A1
SCALE 1:100 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**TYPICAL ROAD CROSS SECTIONS
SHEET 2**

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:50 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-002 | B | | |

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1:100 - 530 Raymond Terrace NSW202521 - Thorntons Stage 2 Development - Sheet 2 of 2.dwg

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS

DATUM R/L 10.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00 | 0.50 | 0.48 | 0.31 | 0.21 | 0.21 | 0.05 | 0.08 | 0.02 | -0.32 | -0.36 | -0.27 | -0.28 | -0.09 | 0.00 |
| 11.88 | 13.26 | 13.25 | 13.18 | 13.12 | 13.12 | 12.97 | 13.01 | 13.12 | 13.01 | 12.99 | 13.09 | 13.09 | 13.26 | 13.38 |
| 11.88 | 12.76 | 12.77 | 12.87 | 12.91 | 12.92 | 12.92 | 12.93 | 13.10 | 13.33 | 13.35 | 13.36 | 13.37 | 13.35 | 13.38 |
| -14.01 | -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.77 | 4.00 | 4.15 | 8.50 | 8.97 |

CH 19.533

DATUM R/L 10.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00 | 0.51 | 0.49 | 0.32 | 0.19 | 0.19 | 0.04 | 0.06 | -0.04 | -0.37 | -0.41 | -0.32 | -0.33 | -0.20 | 0.00 |
| 11.75 | 13.24 | 13.23 | 13.16 | 13.10 | 13.10 | 12.95 | 12.99 | 13.10 | 12.99 | 12.96 | 13.06 | 13.06 | 13.24 | 13.54 |
| 11.75 | 12.73 | 12.74 | 12.84 | 12.91 | 12.91 | 12.92 | 12.93 | 13.13 | 13.36 | 13.37 | 13.39 | 13.40 | 13.44 | 13.54 |
| -14.46 | -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.77 | 4.00 | 4.15 | 8.50 | 9.72 |

CH 15

DATUM R/L 10.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.45 | 0.43 | 0.34 | 0.25 | 0.20 | 0.04 | 0.01 | -0.00 | -0.08 | -0.09 | -0.02 | -0.05 | -0.38 | 0.00 |
| 13.21 | 13.20 | 13.14 | 13.08 | 13.08 | 12.93 | 12.97 | 13.07 | 12.97 | 12.94 | 13.04 | 13.04 | 13.22 | 13.78 |
| 12.76 | 12.77 | 12.80 | 12.82 | 12.87 | 12.89 | 12.95 | 13.07 | 13.05 | 13.04 | 13.06 | 13.09 | 13.59 | 13.78 |
| -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.76 | 4.00 | 4.15 | 8.50 | 10.75 |

CH 10.002

SCALE 1:100 @ A1
SCALE 1:200 @ A3



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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |
| Issue | Description | Date | Drawn | Approved |

Client
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Cooks Hill, Newcastle NSW 2300
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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 1**

| | | | | | |
|----------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-101 | B | | |

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1:100 @ A1 Scale: 1:100 Date: 16.05.22

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS

DATUM R.L. 10.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00 | 0.83 | 0.80 | 0.55 | 0.37 | 0.36 | 0.20 | 0.21 | 0.04 | -0.33 | -0.37 | -0.29 | -0.30 | -0.47 | -0.13 |
| 12.02 | 13.18 | 13.17 | 13.11 | 13.05 | 13.05 | 12.90 | 12.94 | 13.04 | 12.93 | 12.91 | 13.01 | 13.01 | 13.18 | 13.69 |
| 12.02 | 12.35 | 12.37 | 12.55 | 12.68 | 12.69 | 12.89 | 12.73 | 13.00 | 13.27 | 13.28 | 13.30 | 13.31 | 13.65 | 13.82 |
| -13.15 | -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.76 | 4.00 | 4.15 | 8.50 | 10.53 |

CH 40

DATUM R.L. 10.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00 | 0.62 | 0.58 | 0.42 | 0.32 | 0.32 | 0.17 | 0.18 | 0.04 | -0.36 | -0.40 | -0.32 | -0.33 | -0.49 | 0.00 |
| 12.28 | 13.26 | 13.25 | 13.19 | 13.13 | 13.13 | 12.98 | 13.02 | 13.12 | 13.02 | 12.99 | 13.09 | 13.09 | 13.26 | 13.58 |
| 12.28 | 12.65 | 12.67 | 12.77 | 12.81 | 12.81 | 12.81 | 12.83 | 13.08 | 13.37 | 13.39 | 13.41 | 13.42 | 13.76 | 13.58 |
| -12.44 | -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.76 | 4.00 | 4.15 | 8.50 | 9.75 |

CH 30

DATUM R.L. 10.00

LEVEL DIFFERENCE

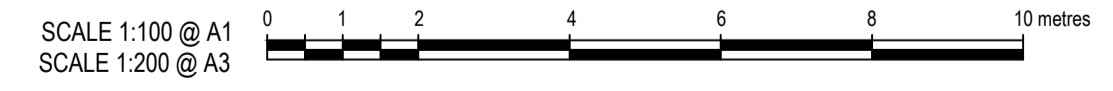
DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS

| | | | | | | | | | | | | | | |
|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.00 | 0.50 | 0.46 | 0.34 | 0.25 | 0.25 | 0.10 | 0.13 | 0.08 | -0.25 | -0.29 | -0.21 | -0.22 | -0.35 | 0.00 |
| 12.33 | 13.27 | 13.26 | 13.20 | 13.14 | 13.14 | 12.99 | 13.03 | 13.13 | 13.02 | 13.00 | 13.10 | 13.10 | 13.27 | 13.38 |
| 12.33 | 12.77 | 12.80 | 12.85 | 12.89 | 12.89 | 12.89 | 12.90 | 13.05 | 13.28 | 13.29 | 13.31 | 13.32 | 13.63 | 13.38 |
| -12.27 | -8.50 | -8.20 | -5.70 | -4.15 | -4.00 | -3.97 | -3.52 | 0.00 | 3.55 | 3.76 | 4.00 | 4.15 | 8.50 | 8.95 |

CH 25.232



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| | | | |
|--|------------------------|----------|------------------|
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| B | ISSUED FOR APPROVAL | 17.05.22 | MDM JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER JPR |
| Issue | Description | Date | Drawn / Approved |

Client: **LANDLINK PTY LTD**



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ENGINEERS | MANAGERS | INFRASTRUCTURE PLANNERS | DEVELOPMENT CONSULTANTS

Project: **THORNTON STAGE 2 DEVELOPMENT**
 530 RAYMOND TERRACE ROAD
 THORNTON

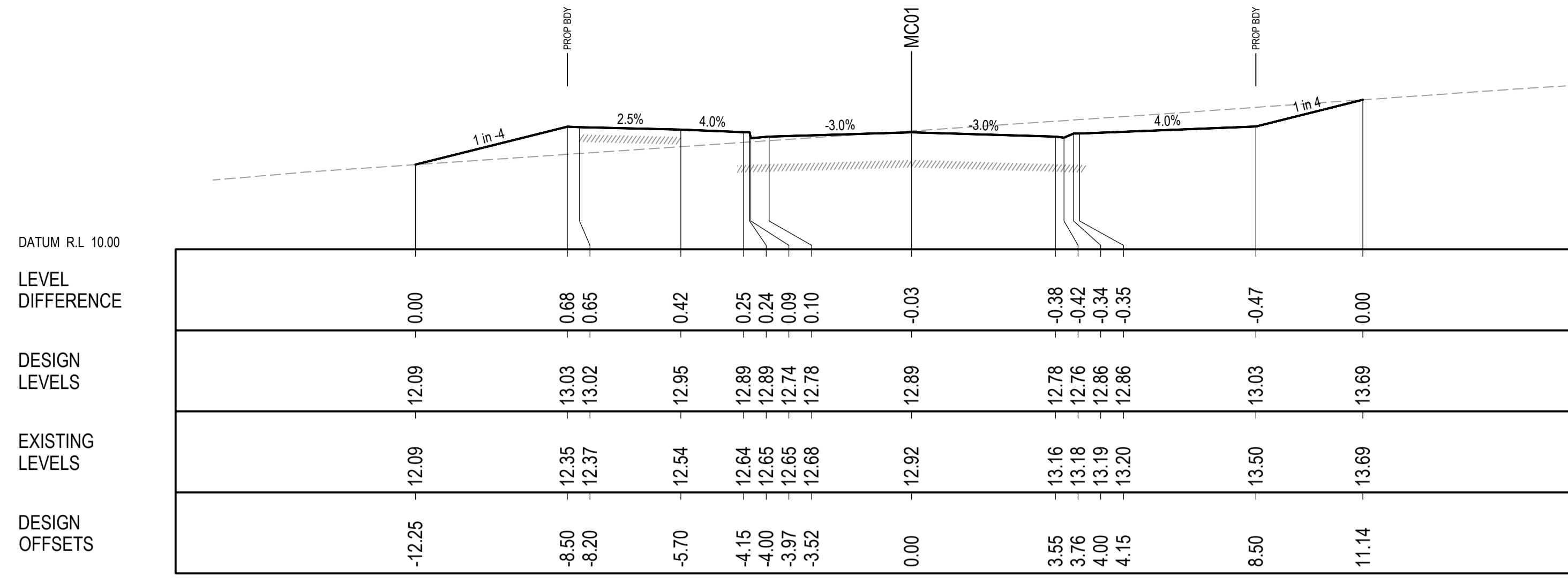
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|---|-----------------------|--------------------|----------|
| Drawing Title: ROAD CROSS SECTIONS HONEY MYRTLE STREET (MC01) SHEET 3 | | | |
| Drawn: JER | Date: DEC 20 | Scale: 1:100 | A1 |
| Designed: BG | Project No: NSW202521 | Dwg. No: DA105-103 | Issue: B |
| G.A. Check: JPR | | Date: 16.05.22 | |

DO NOT REPRODUCE IN GREYSCALE

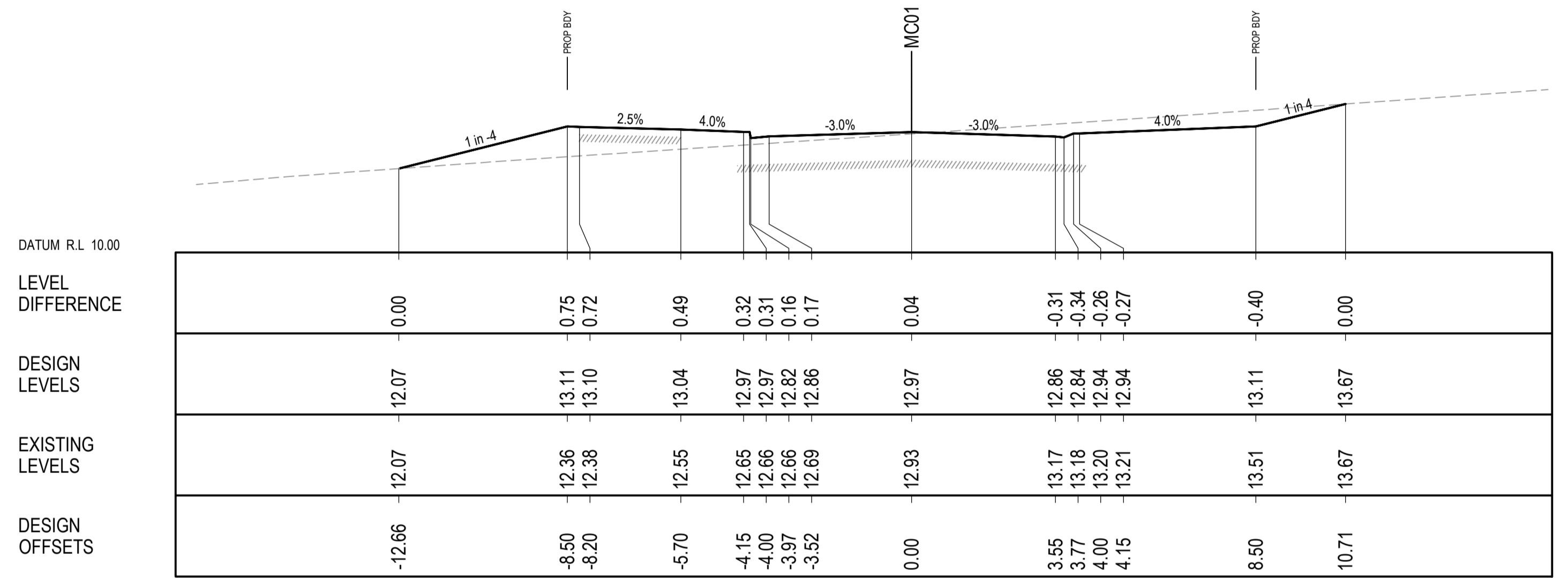
NOT FOR CONSTRUCTION



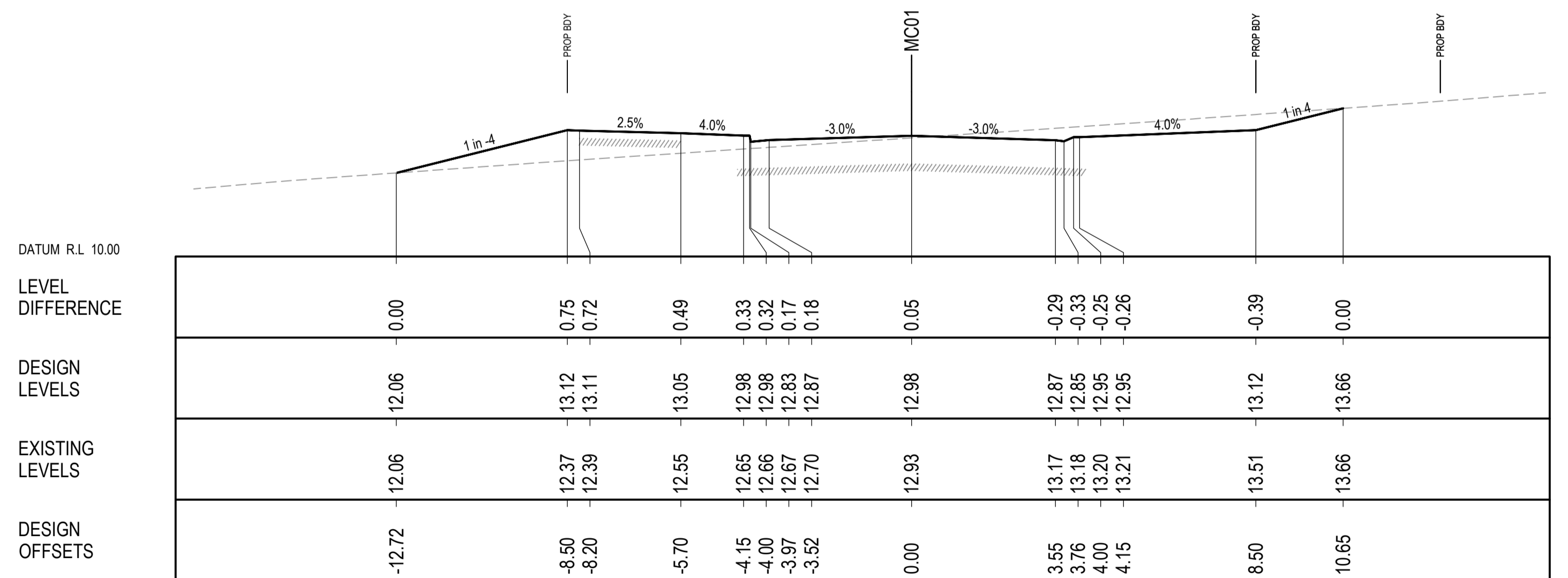
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 49.533



CH 45



CH 44.389

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-104 | B | | |

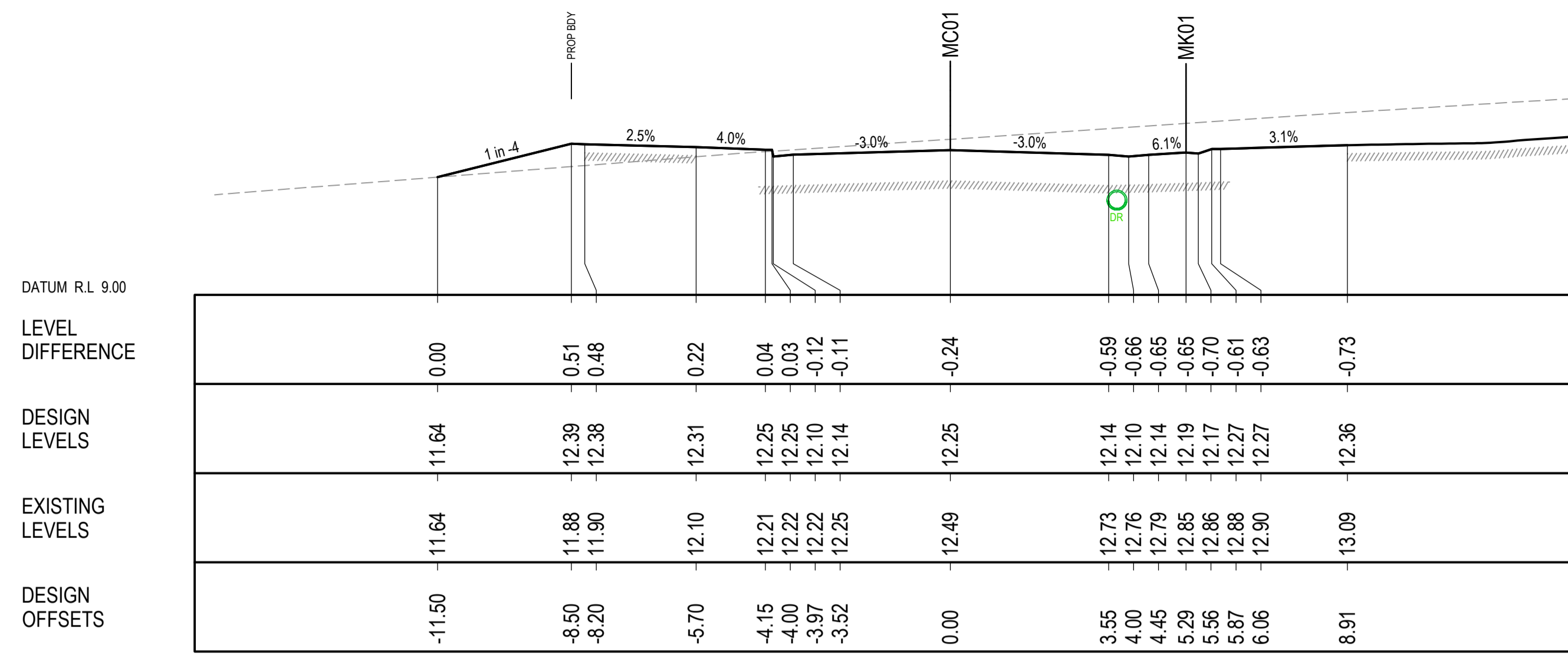
DO NOT REPRODUCE IN GREYSCALE

NOT FOR CONSTRUCTION

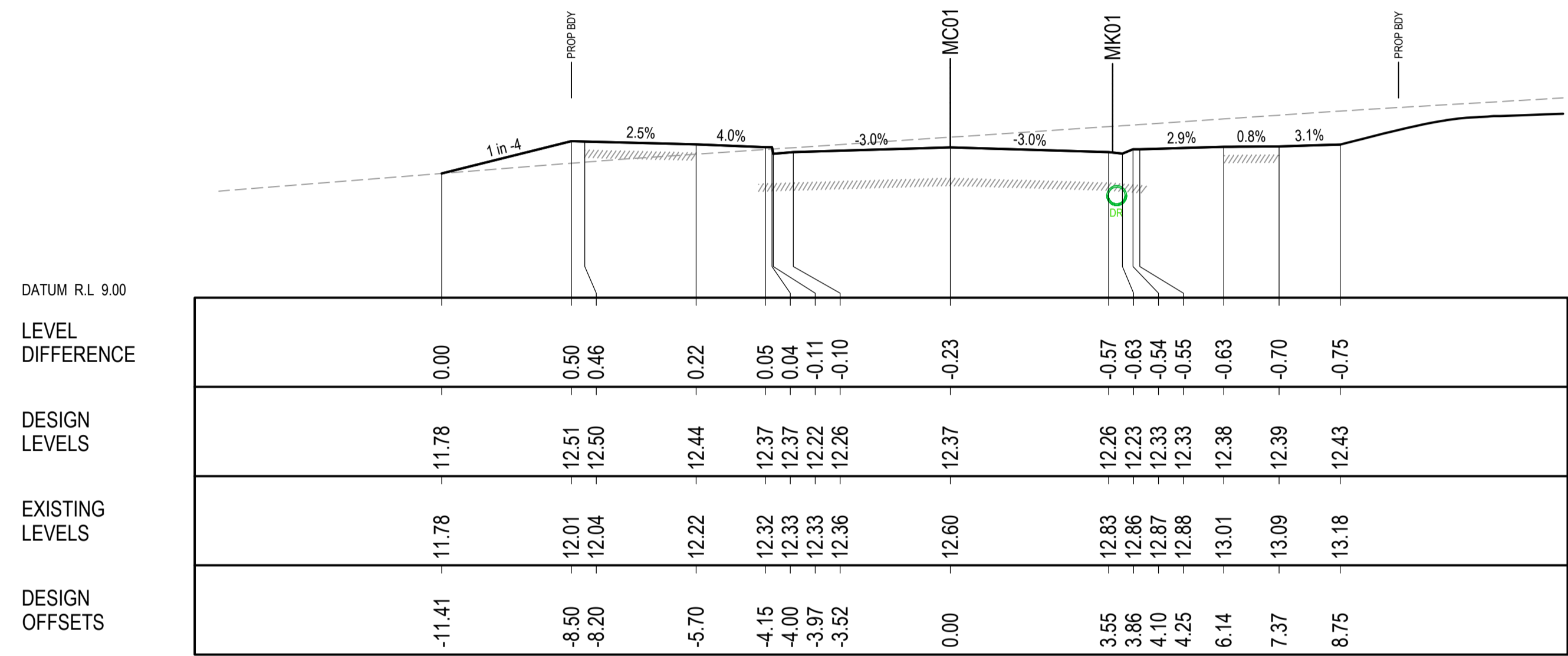


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1:200 @ A3
16.05.22 - 2:05 PM

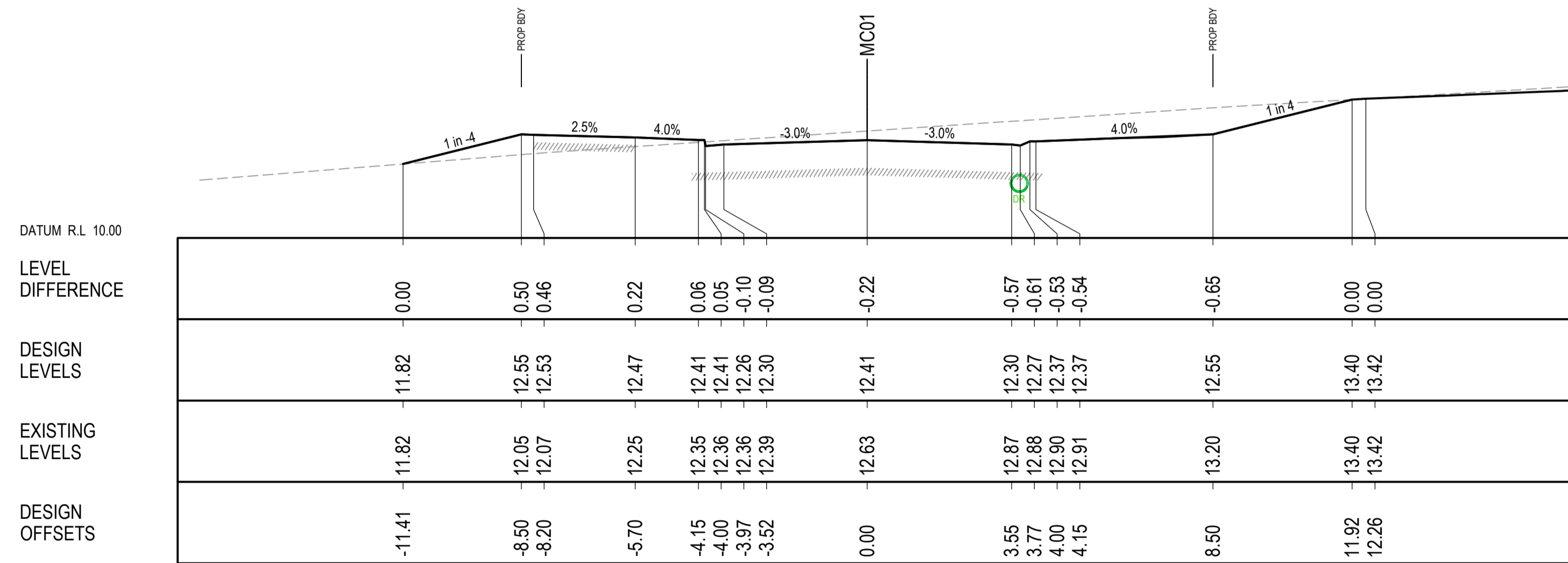
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



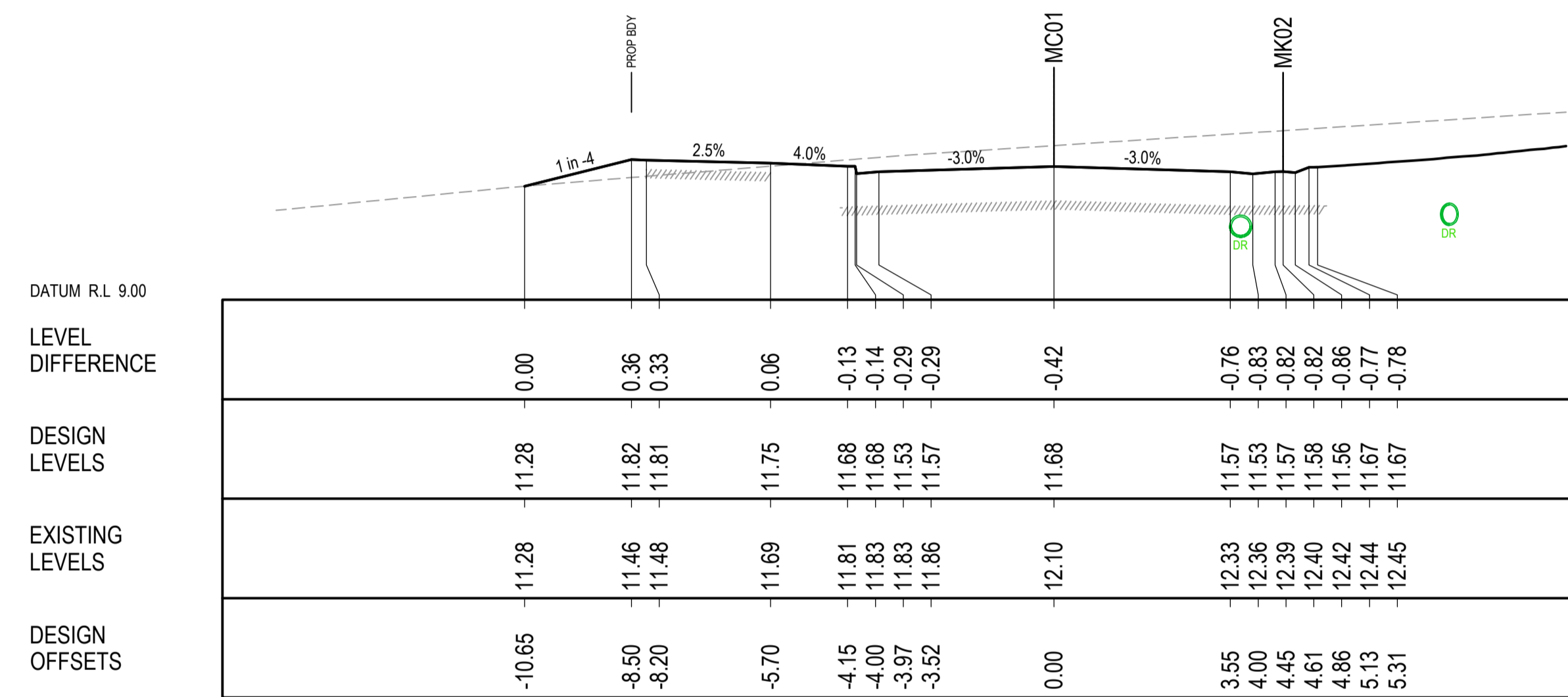
CH 75



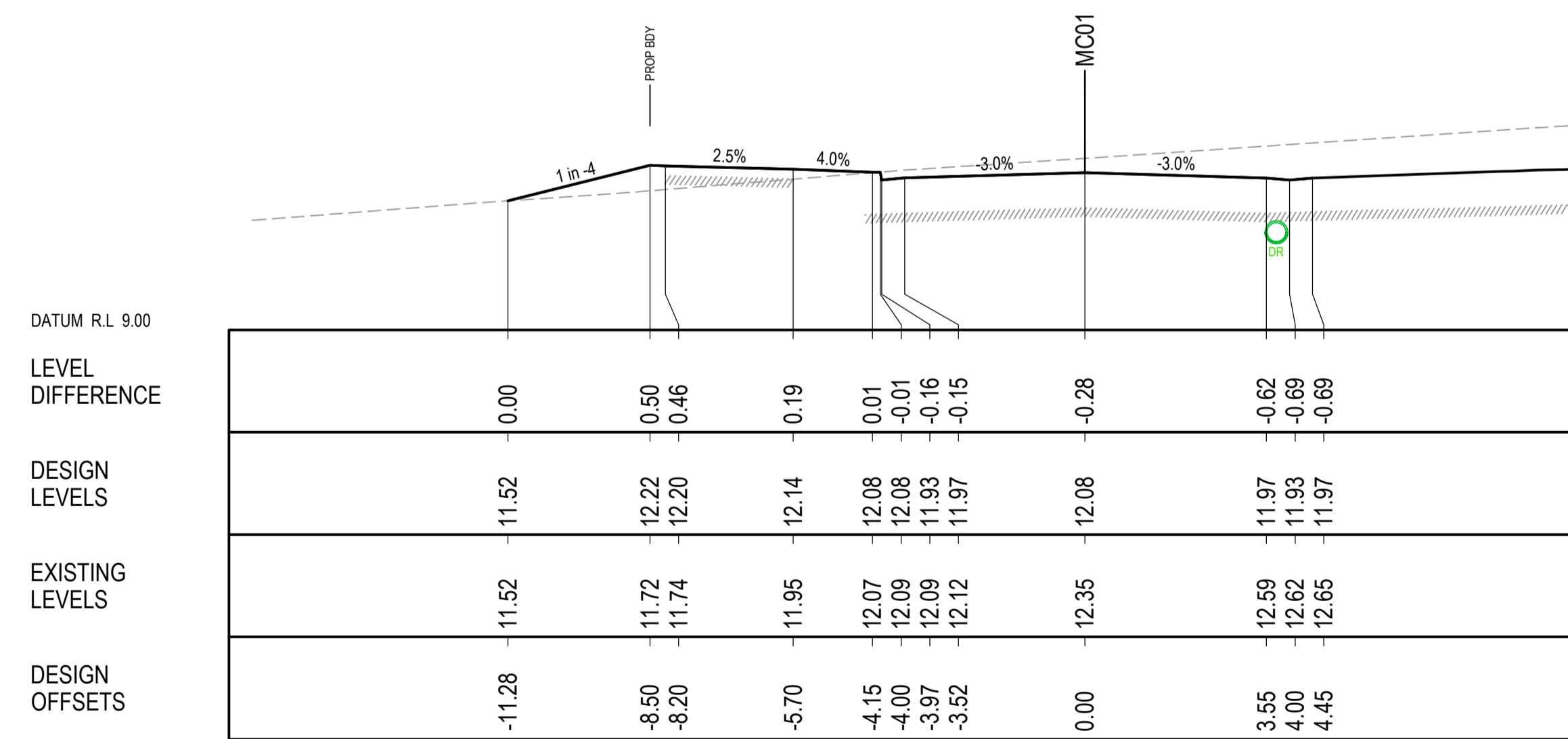
CH 71.168



CH 70



CH 90



CH 80

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project: THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title: ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 6



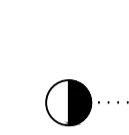
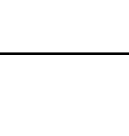
| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-106 | B | | |

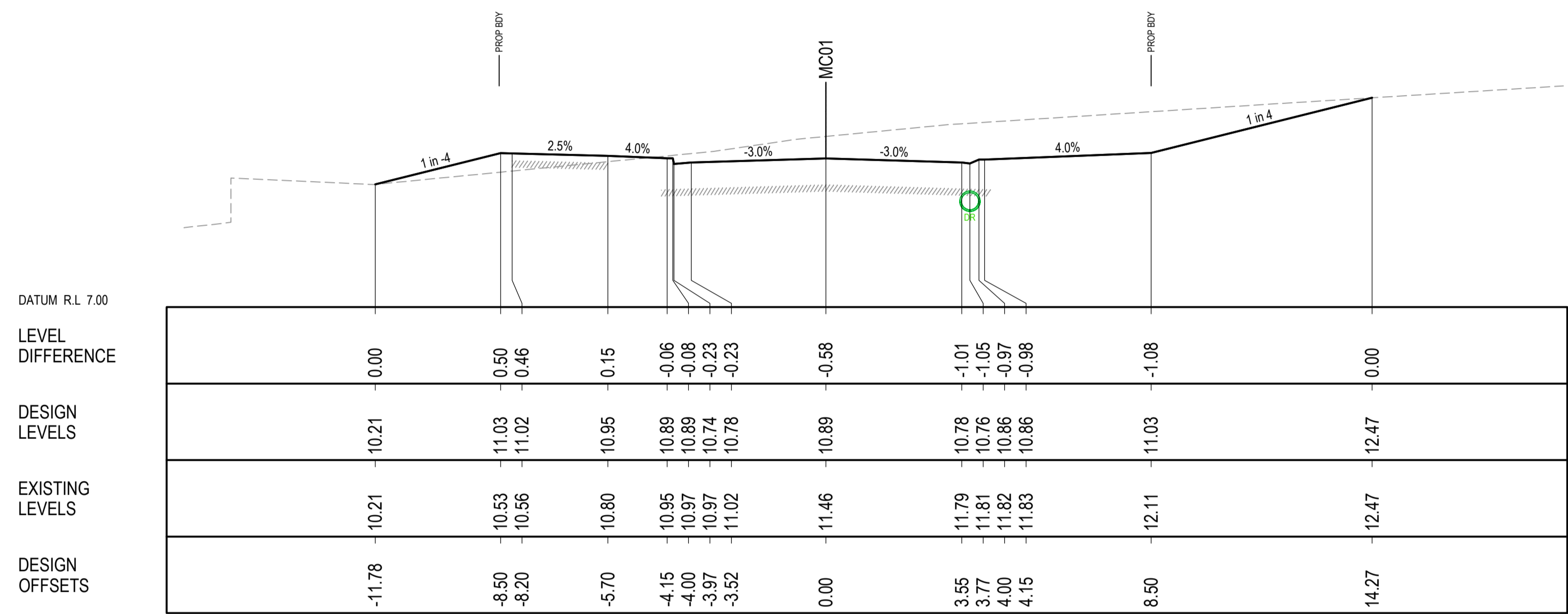
DO NOT REPRODUCE IN GREYSCALE

NOT FOR CONSTRUCTION

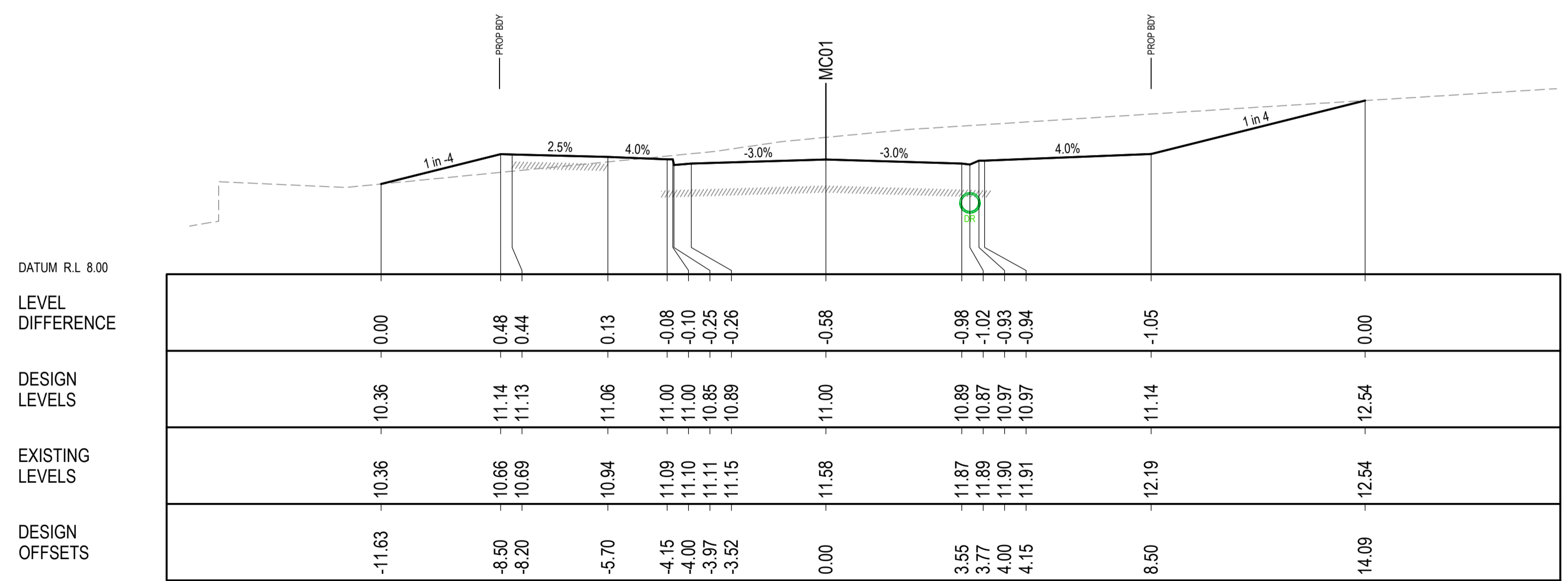
150130121/530 Raymond Terrace/202521/THORNTON STAGE 2 DEVELOPMENT SHEET 6.DWG

LEGEND

- DESIGN SURFACE
- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 107.403



CH 105

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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|-------|------------------------|----------|-------|----------|
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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-108 | B | | |





DO NOT REPRODUCE IN GREYSCALE

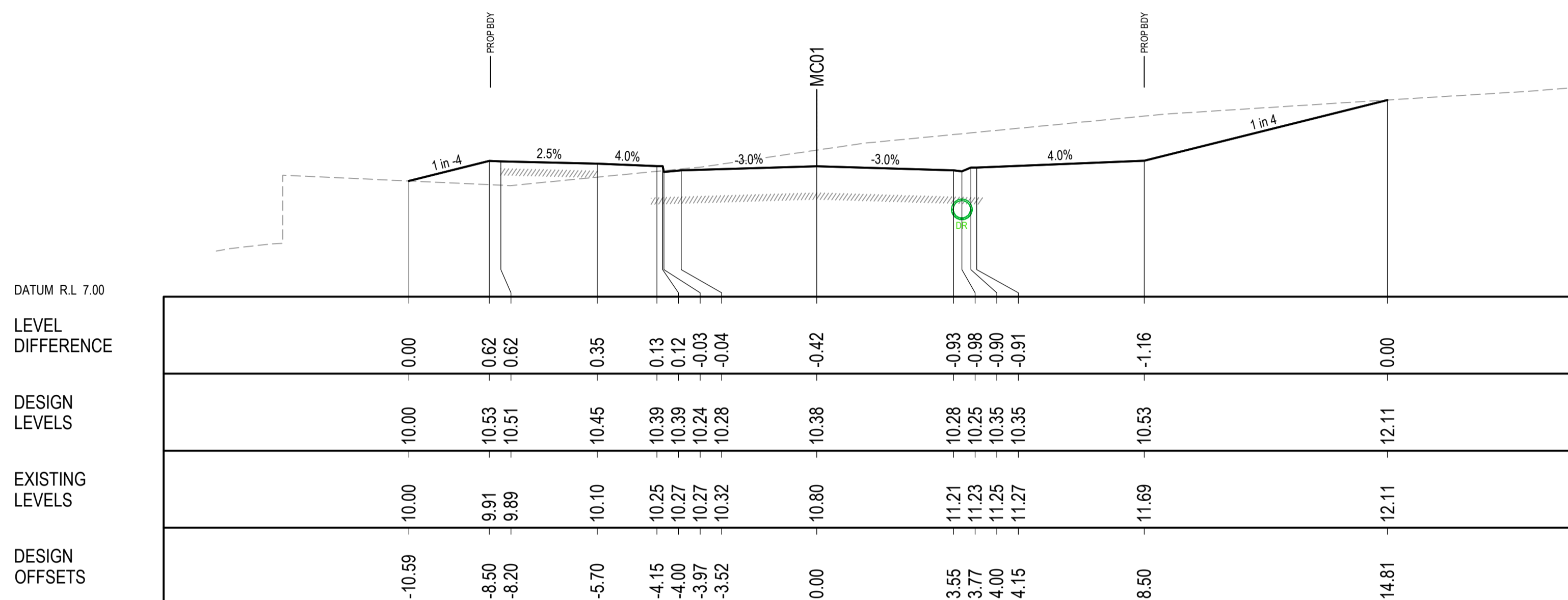


NOT FOR CONSTRUCTION

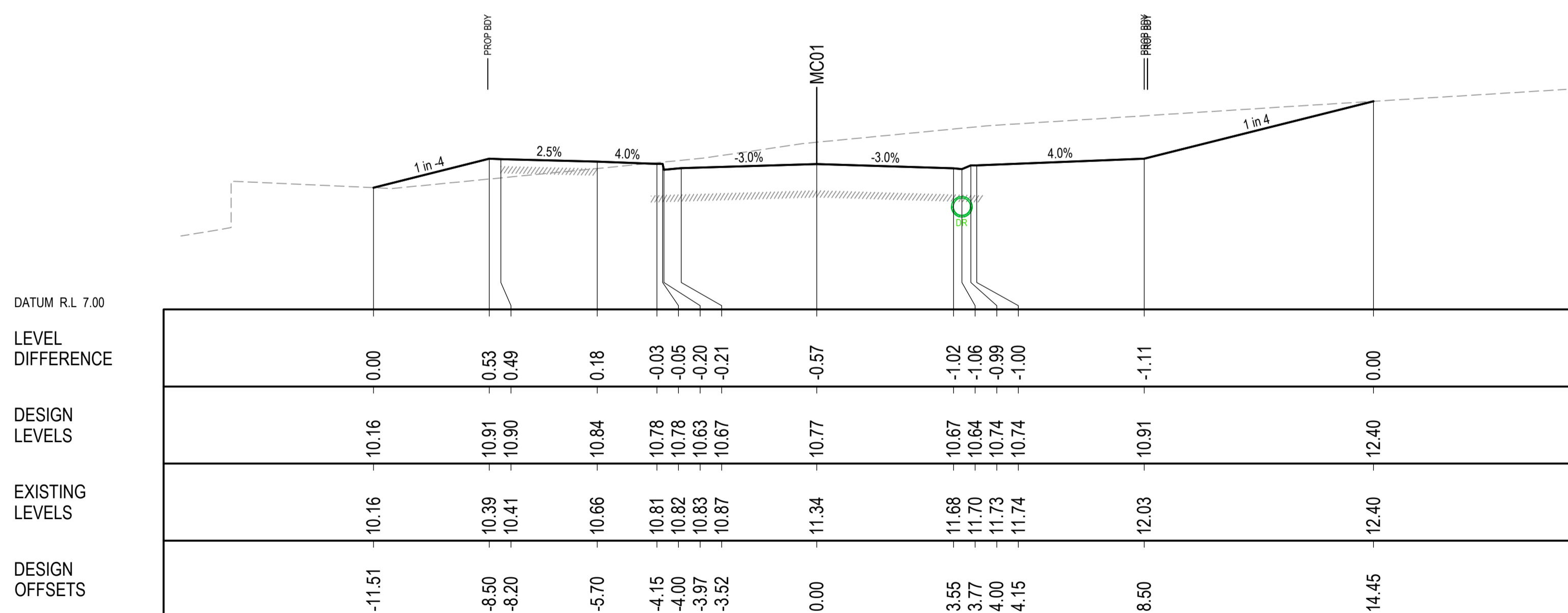
1:100 @ A1 Scale 1:200 @ A3

LEGEND

- DESIGN SURFACE
- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 120



CH 110

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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|-------|------------------------|----------|-------|----------|
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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title | | Scale | | Date | |
|--|-------------|-----------|-------|------------|----------|
| ROAD CROSS SECTIONS HONEY MYRTLE STREET (MC01) SHEET 9 | | 1:100 A1 | | 16.05.22 | |
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | A1 | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-109 | B | | |

DO NOT REPRODUCE IN GREYSCALE

NOT FOR CONSTRUCTION



1:100 @ A1 Scale 1:200 @ A3

| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 130



CH 129.432

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-110 | B | | |

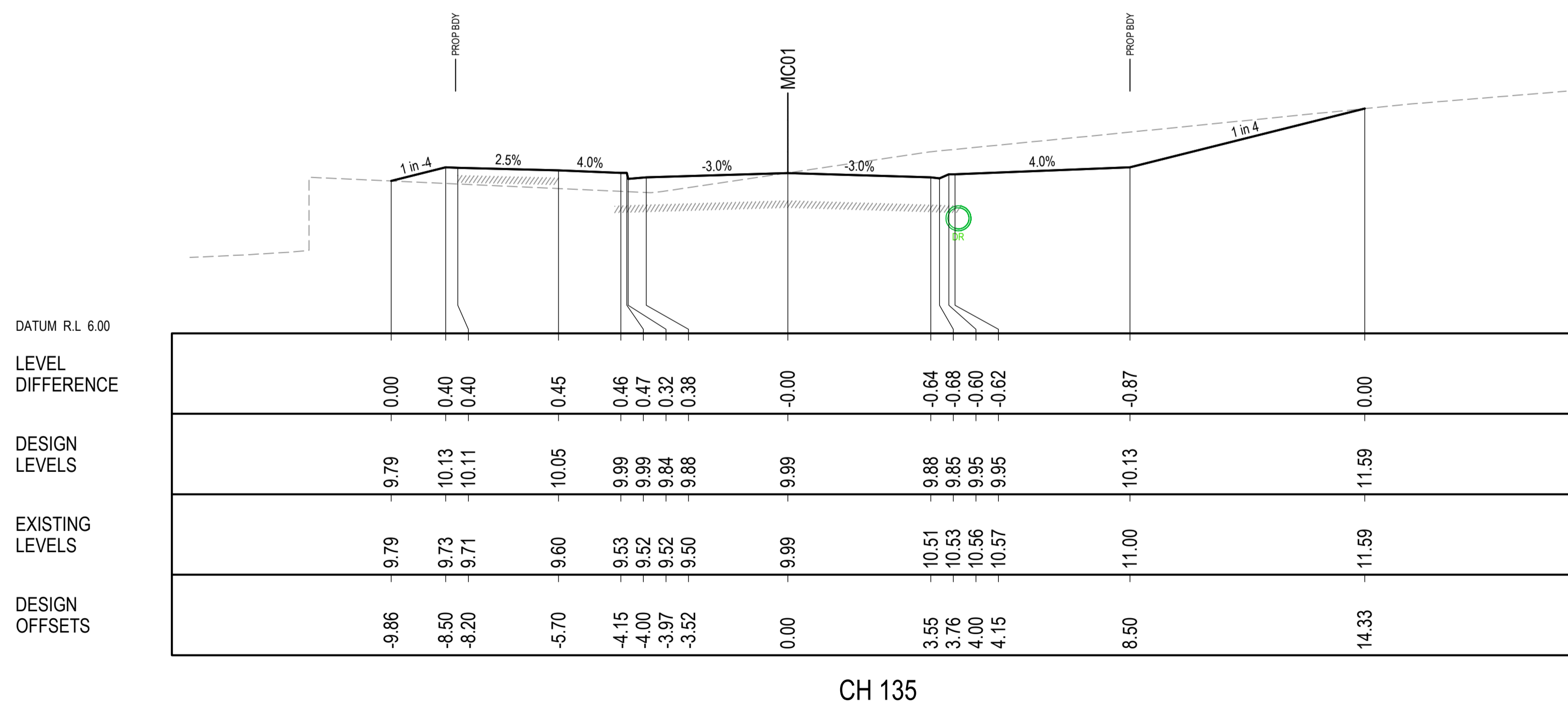
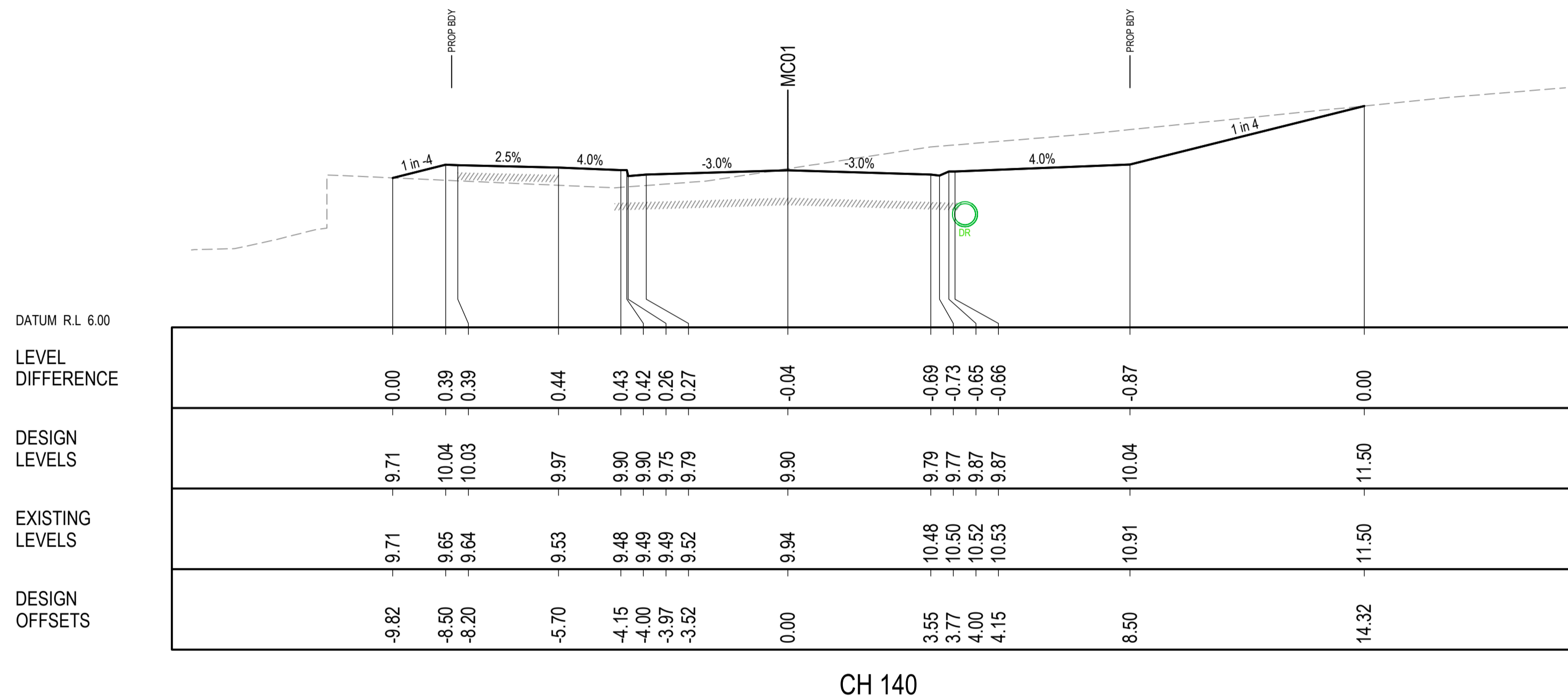
DO NOT REPRODUCE IN GREYSCALE



NOT FOR CONSTRUCTION

1:100 @ A1 Scale 1:200 @ A3

| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-111 | B | | |

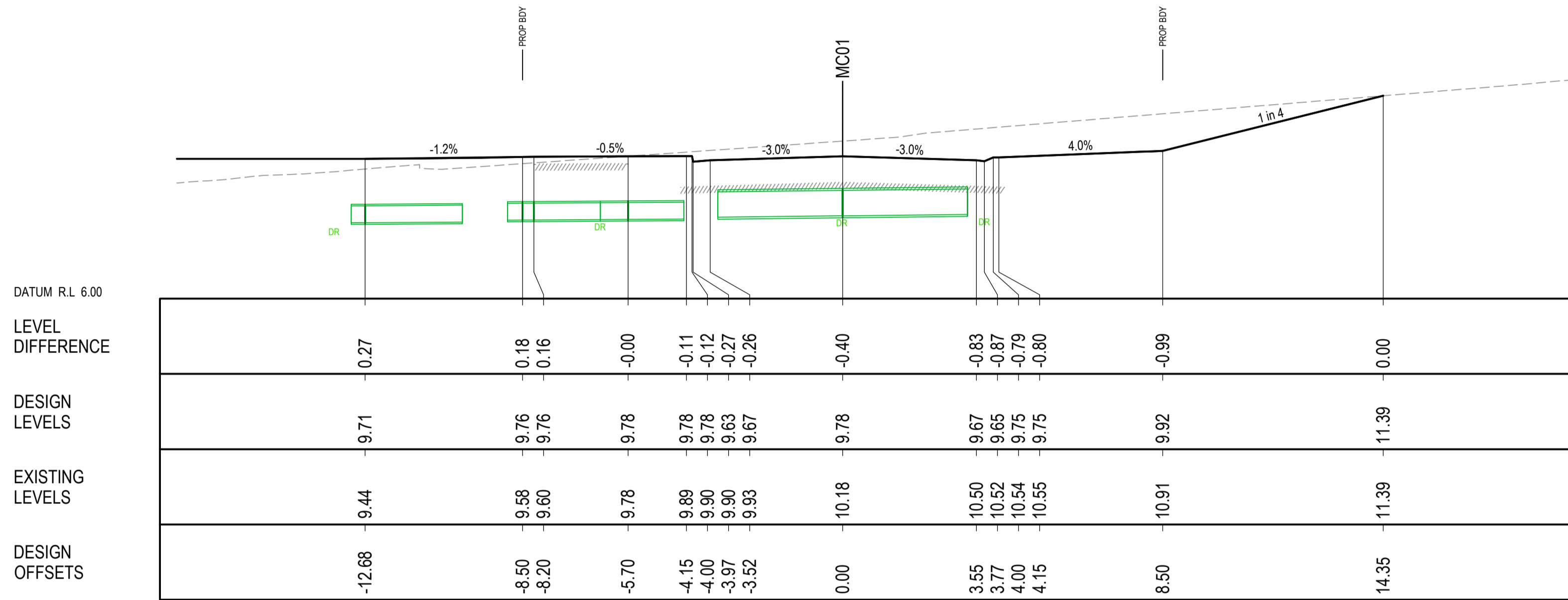
DO NOT REPRODUCE IN GREYSCALE



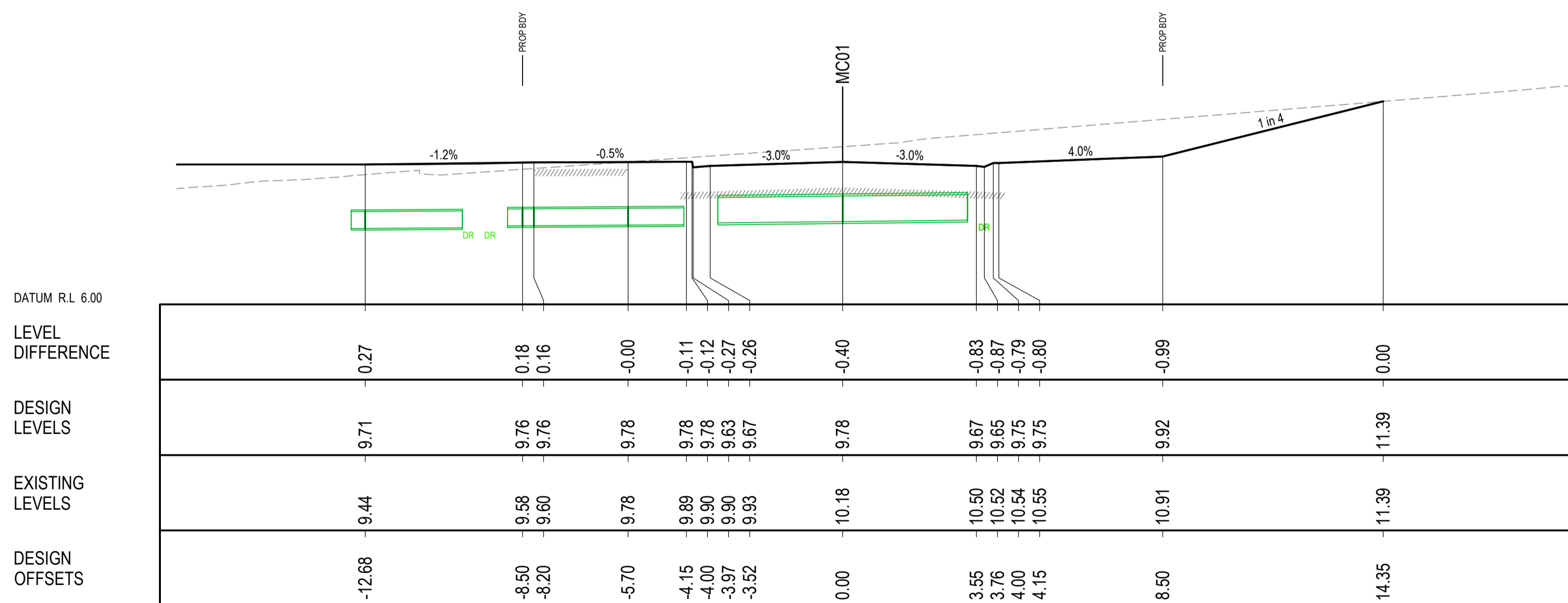
NOT FOR CONSTRUCTION

1:100 @ A1
1:200 @ A3
16.05.22 - 2:50 PM

| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 157.404



CH 157.403

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 13**

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-113 | B | | |

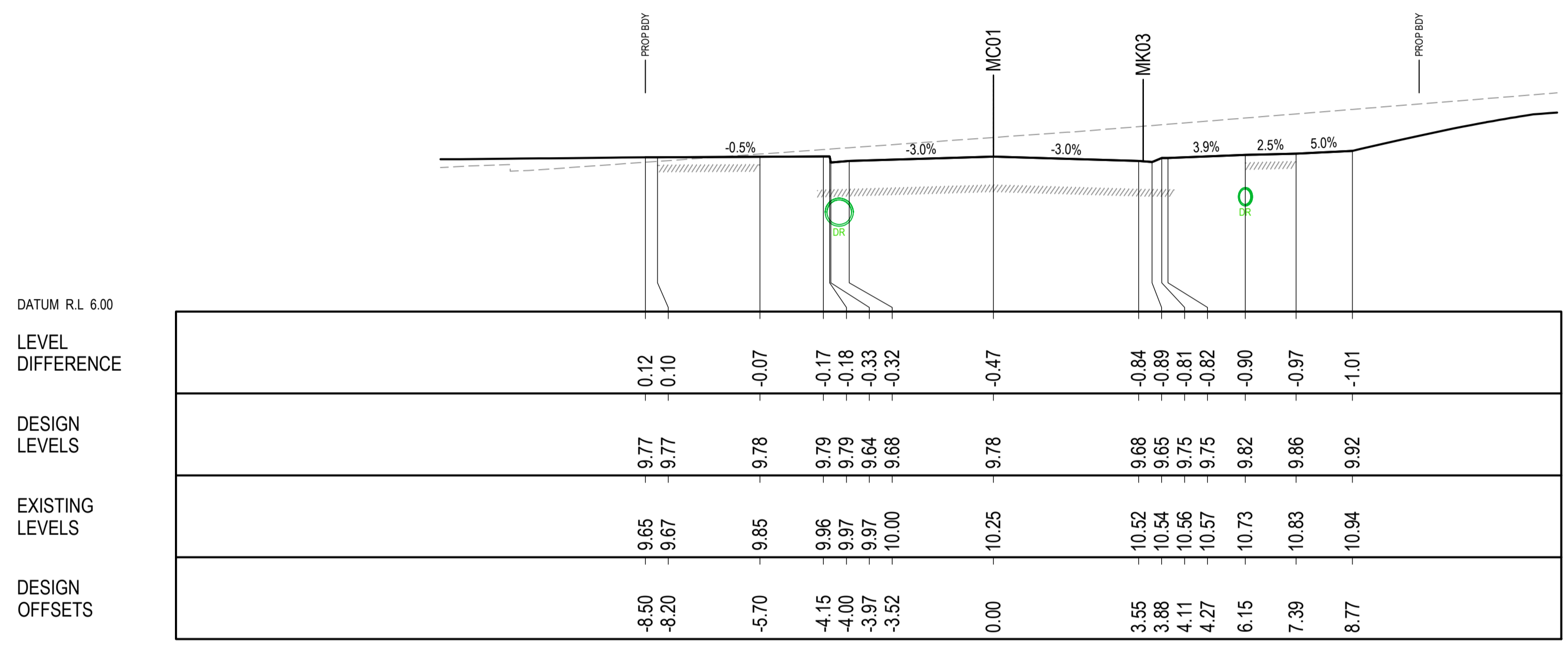
DO NOT REPRODUCE IN GREYSCALE



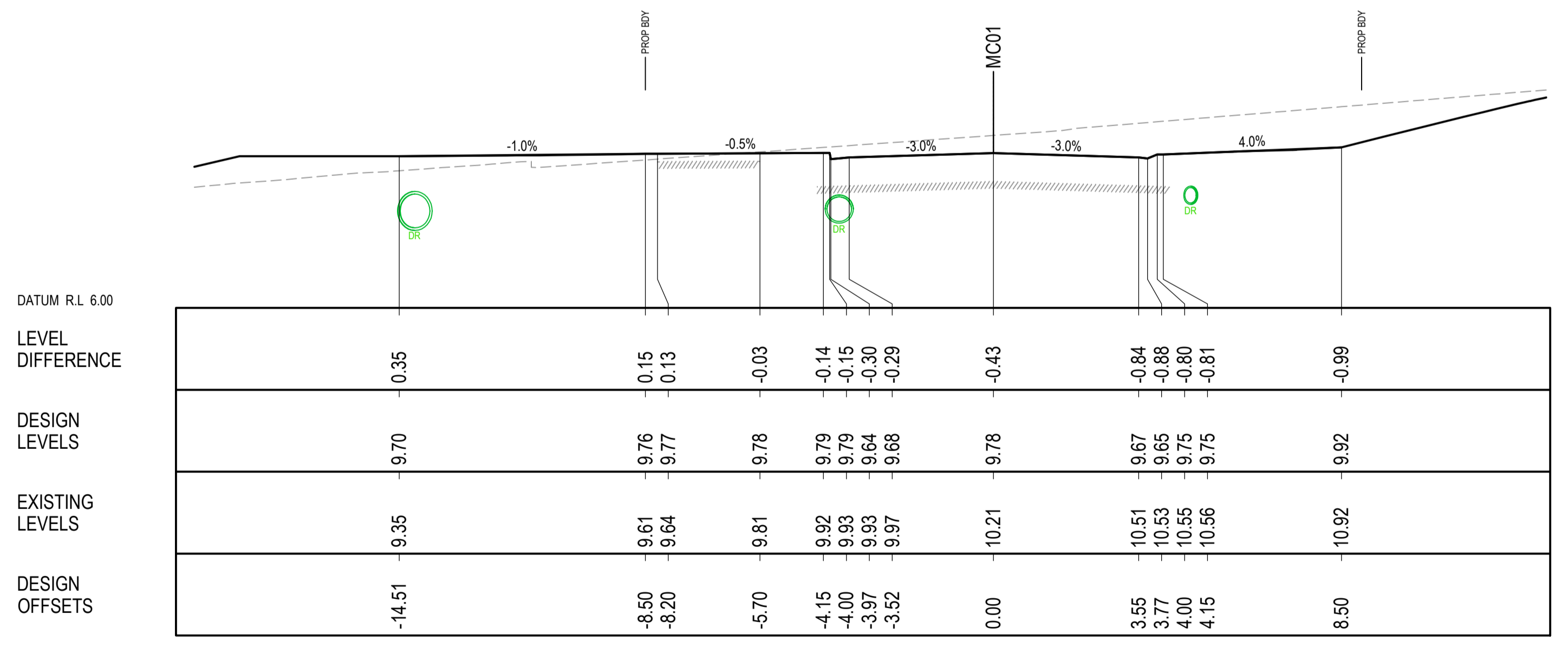
NOT FOR CONSTRUCTION

1500_001_Raymond_Terrace_Thornton_Stage_2_Development_Sheet_13.dwg 16.05.22 1:100

| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 160



CH 158.551

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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|-------|------------------------|----------|-------|----------|
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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client: LANDLINK PTY LTD



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Project: THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-114 | B | | |

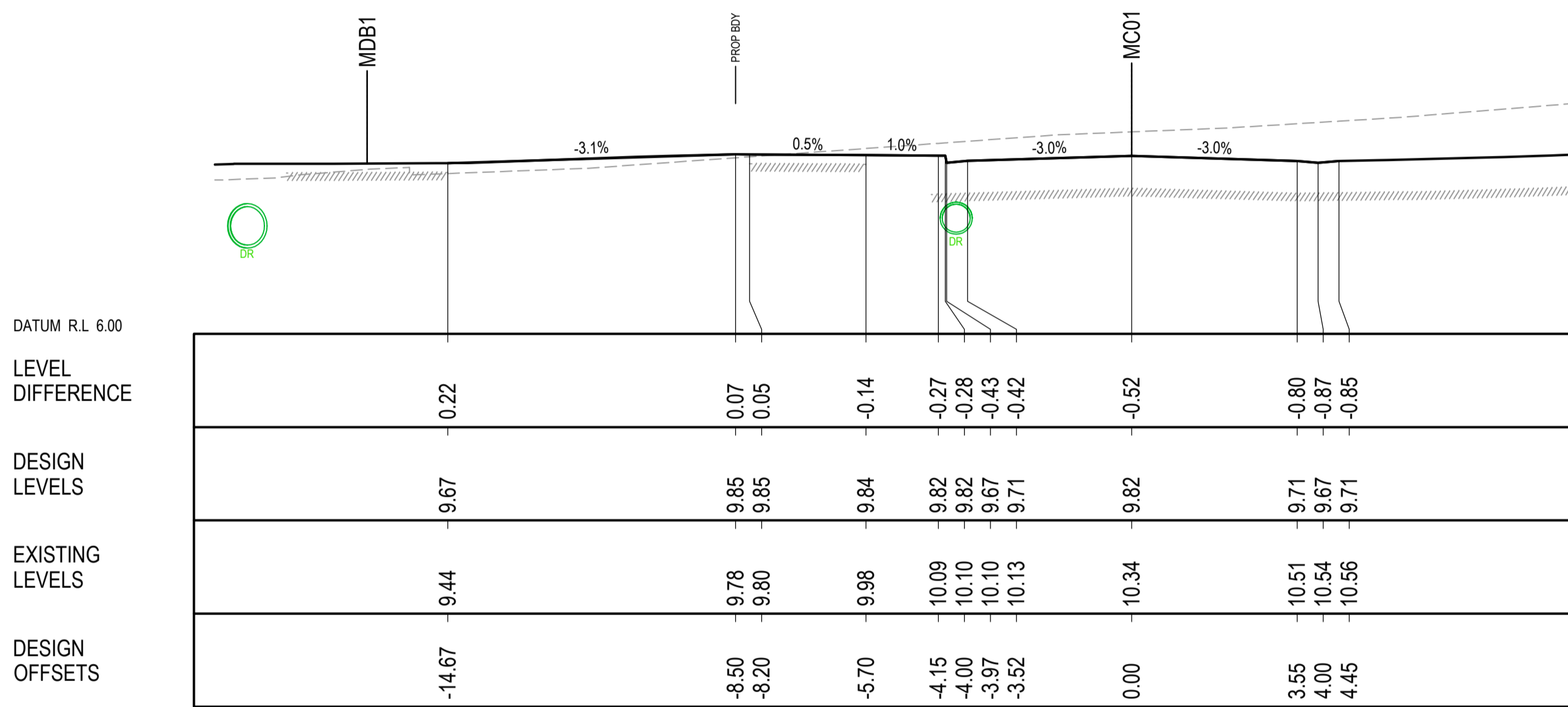
DO NOT REPRODUCE IN GREYSCALE



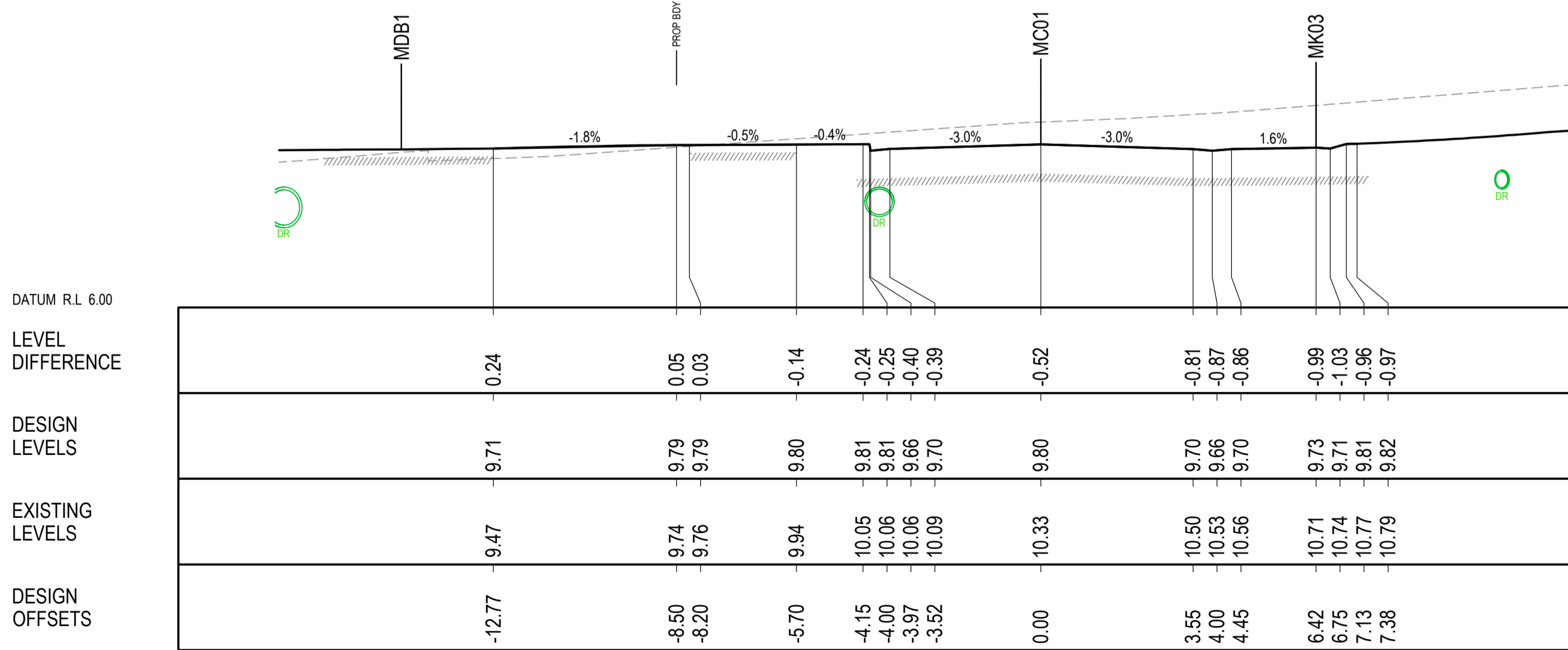
NOT FOR CONSTRUCTION

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 167.403



CH 165

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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|-------|------------------------|----------|-------|----------|
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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
LANDLINK PTY LTD



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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON





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| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-115 | B | | |

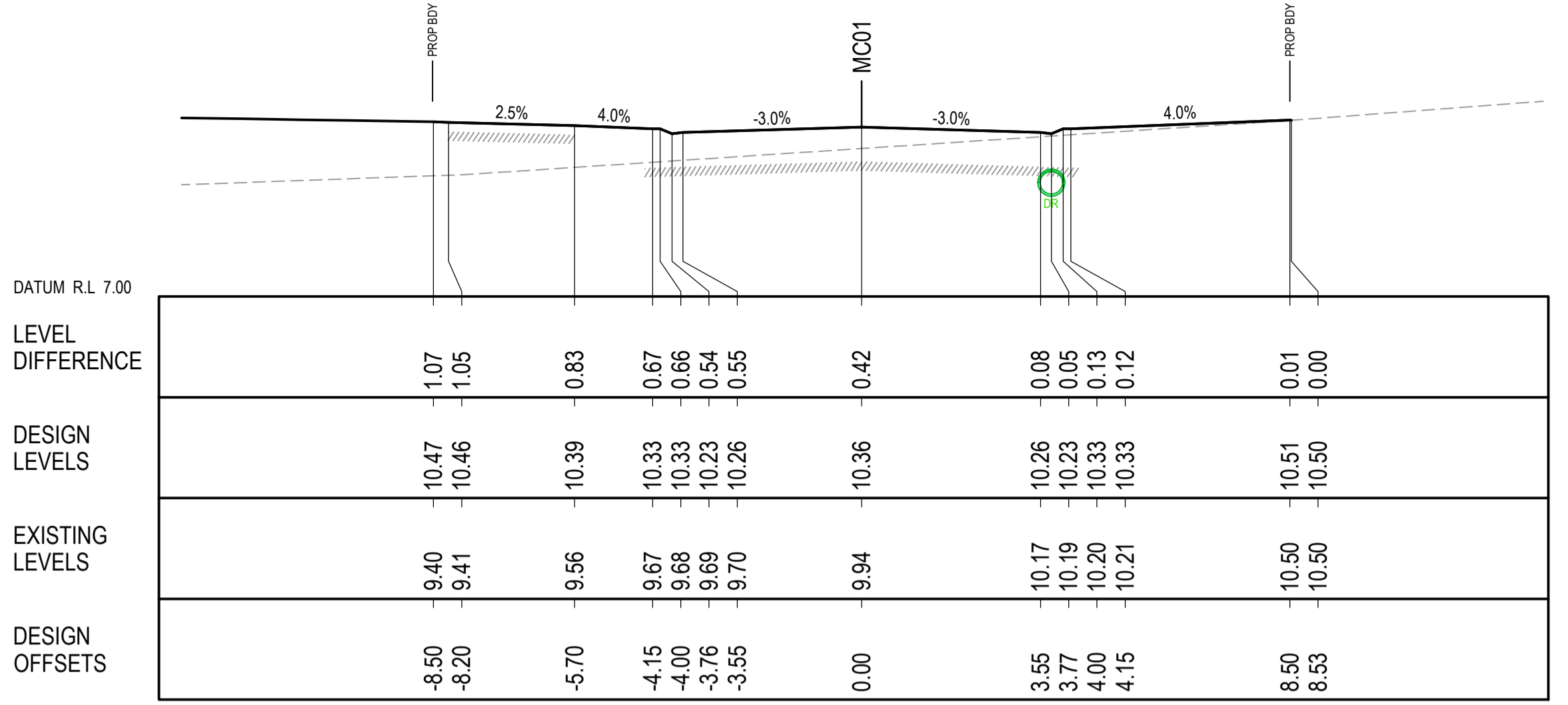
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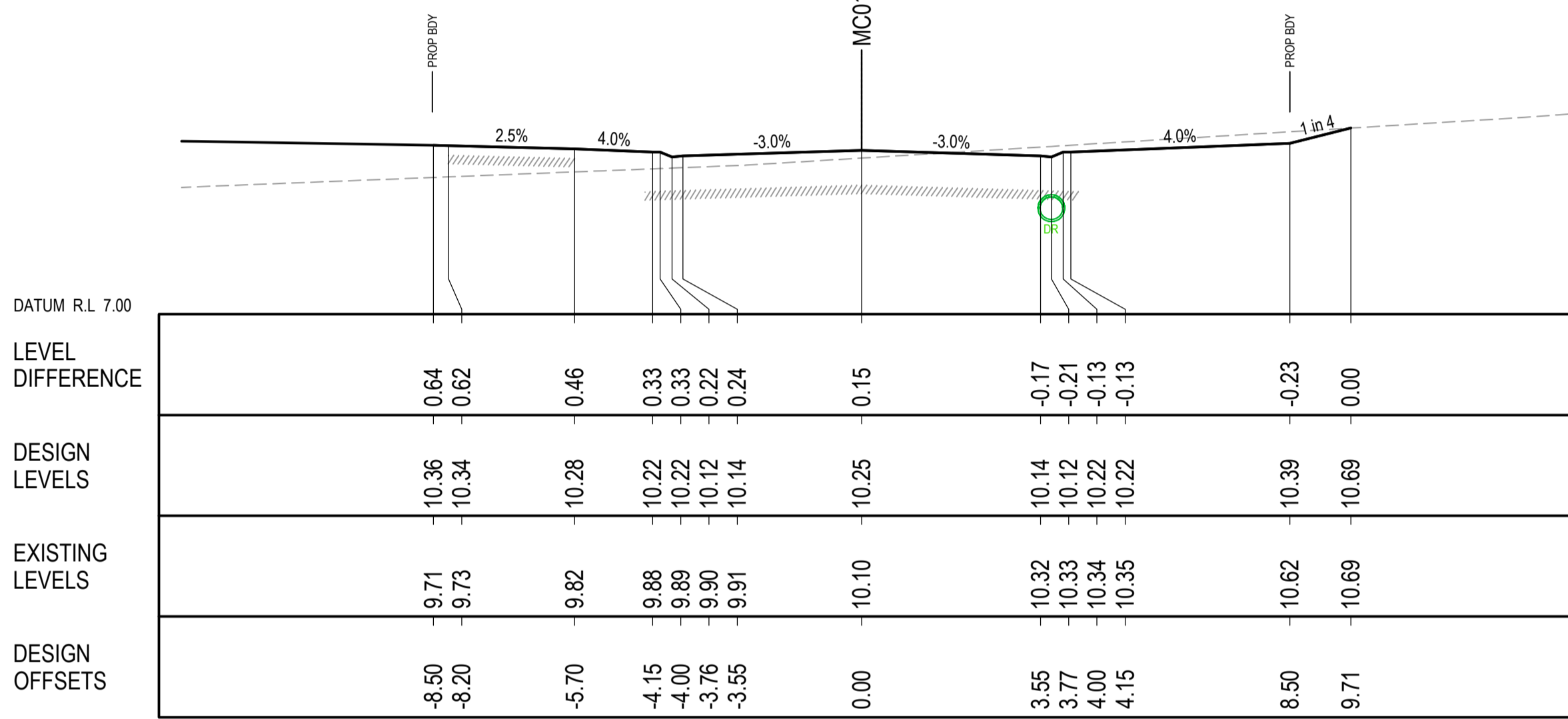
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LEGEND

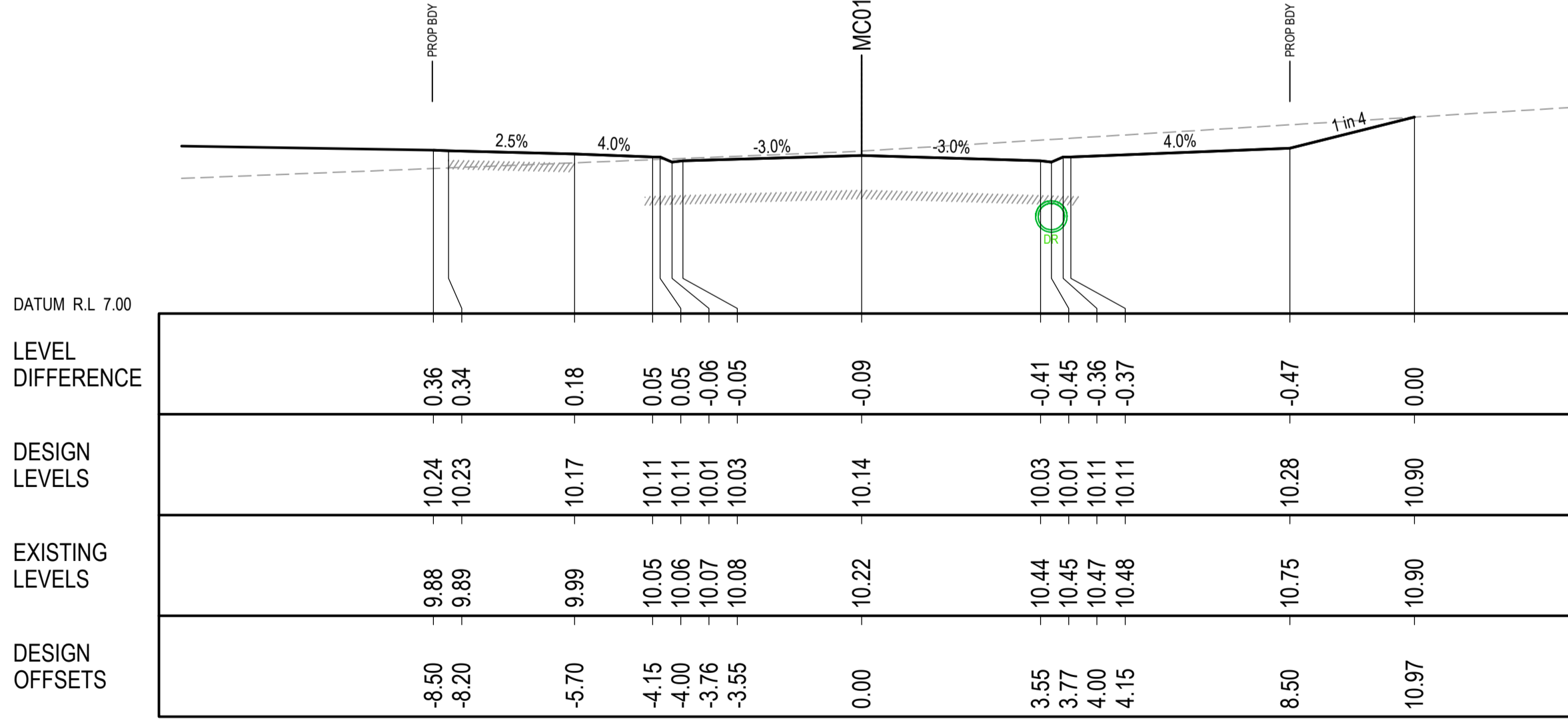
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- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



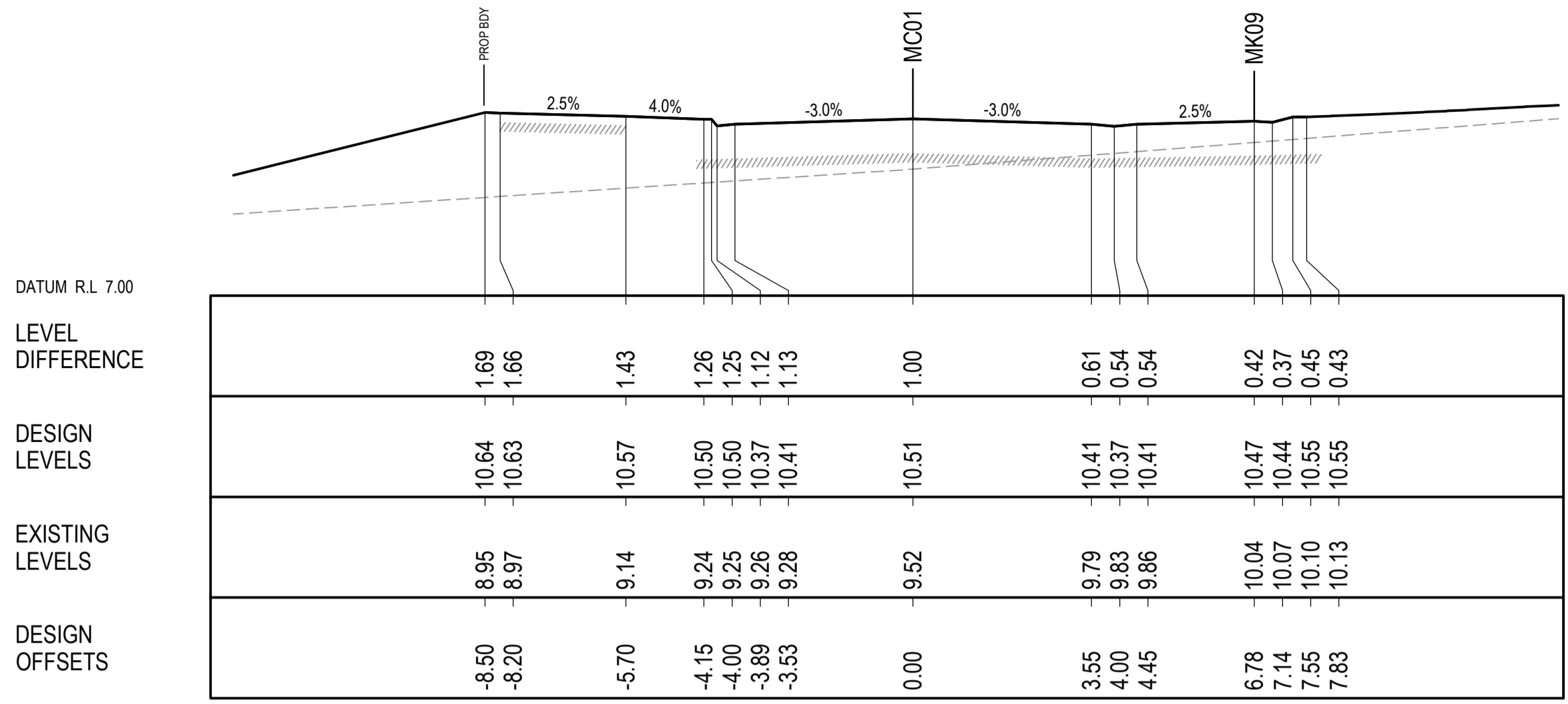
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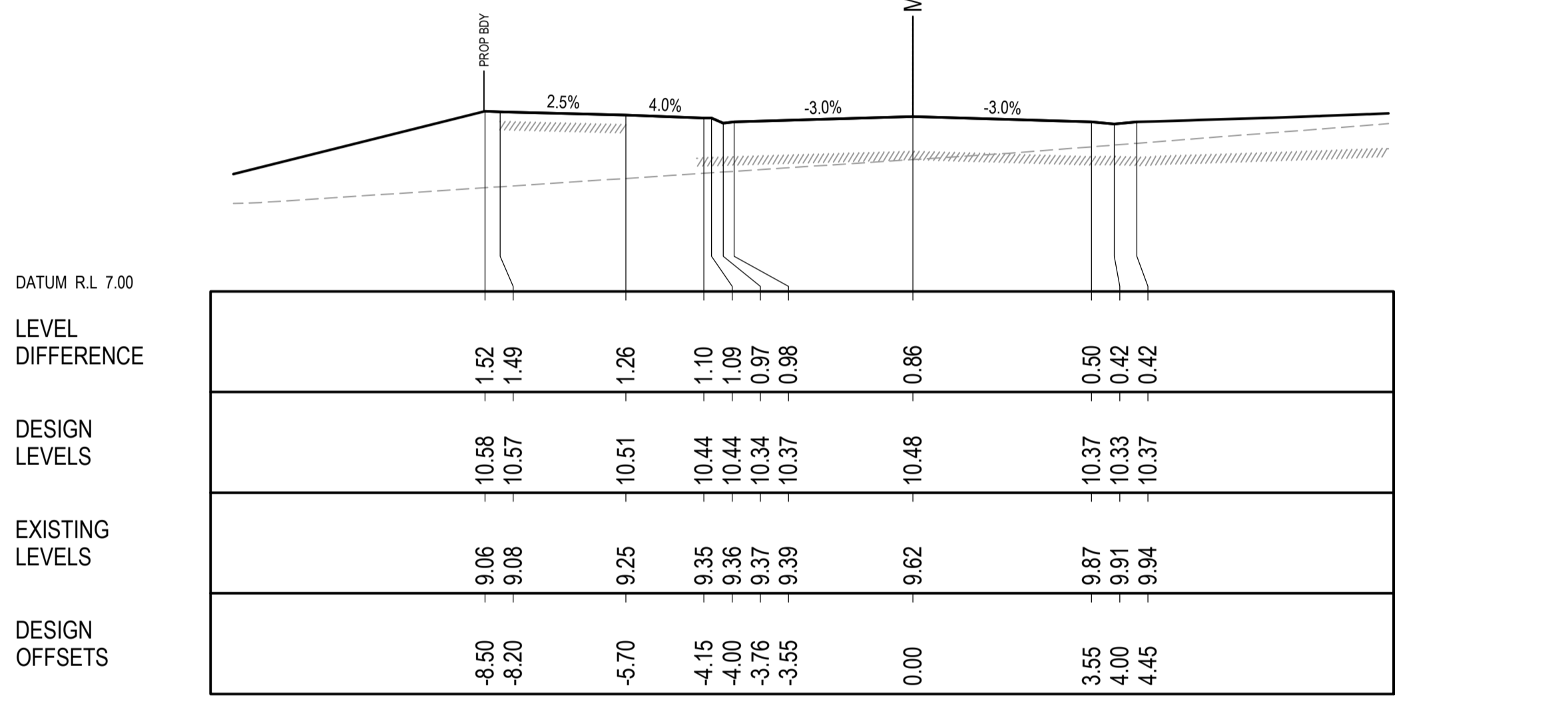
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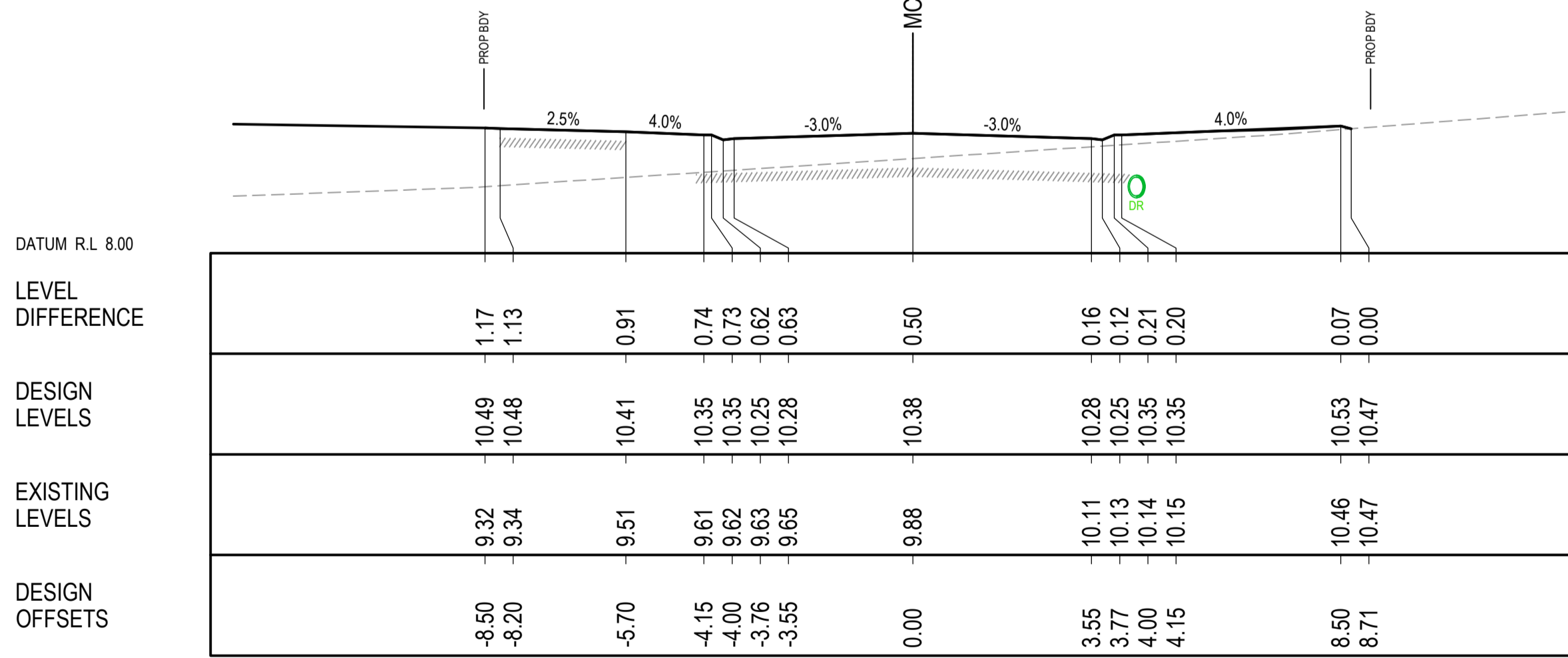
CH 210



CH 260.064



CH 255



CH 242.698

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER JPR |
| Issue | Description | Date | Drawn Approved |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

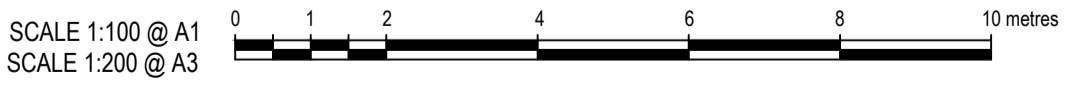
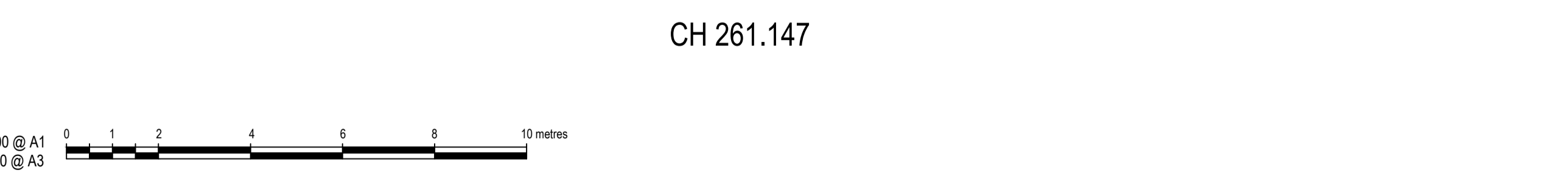
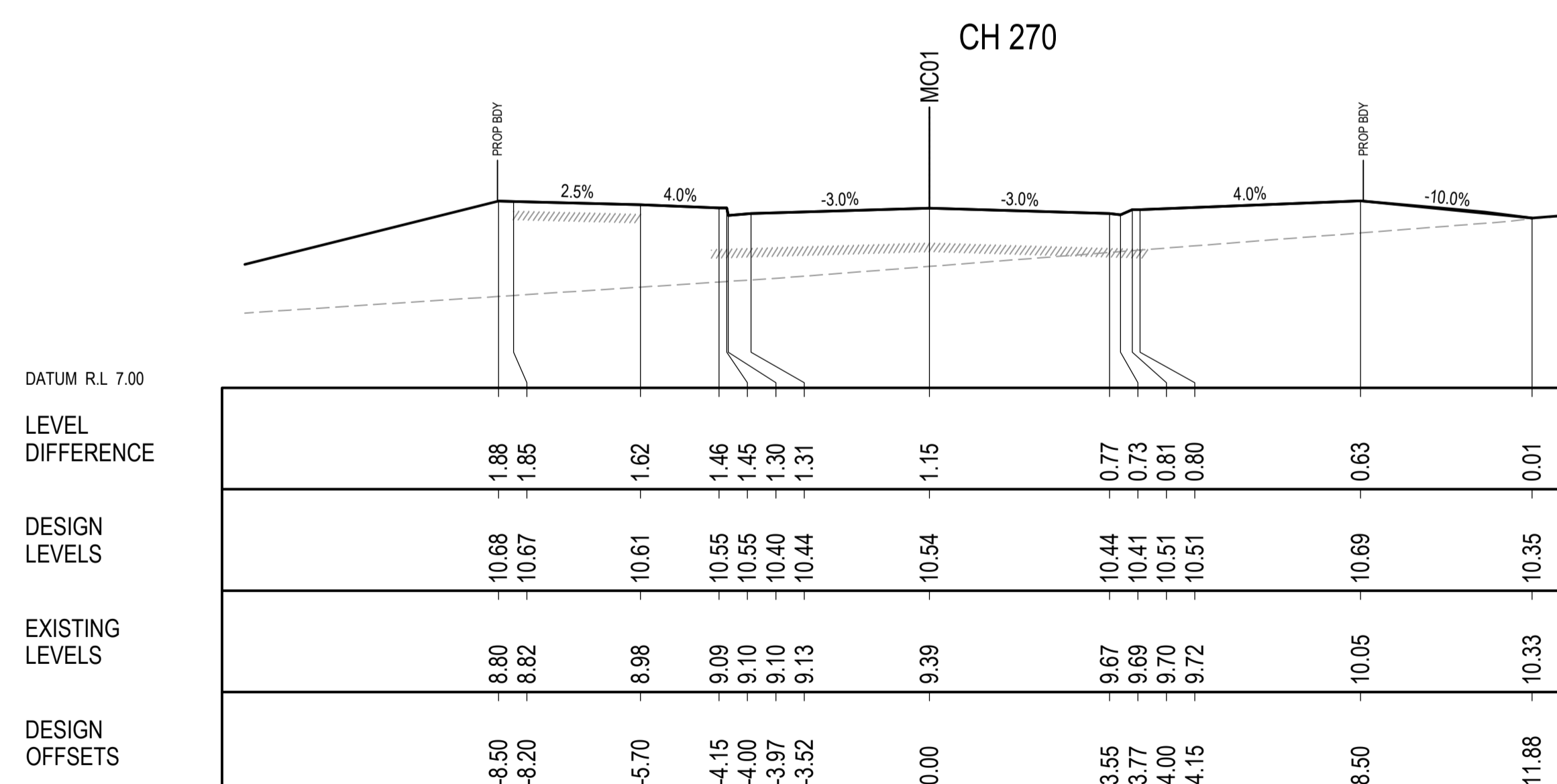
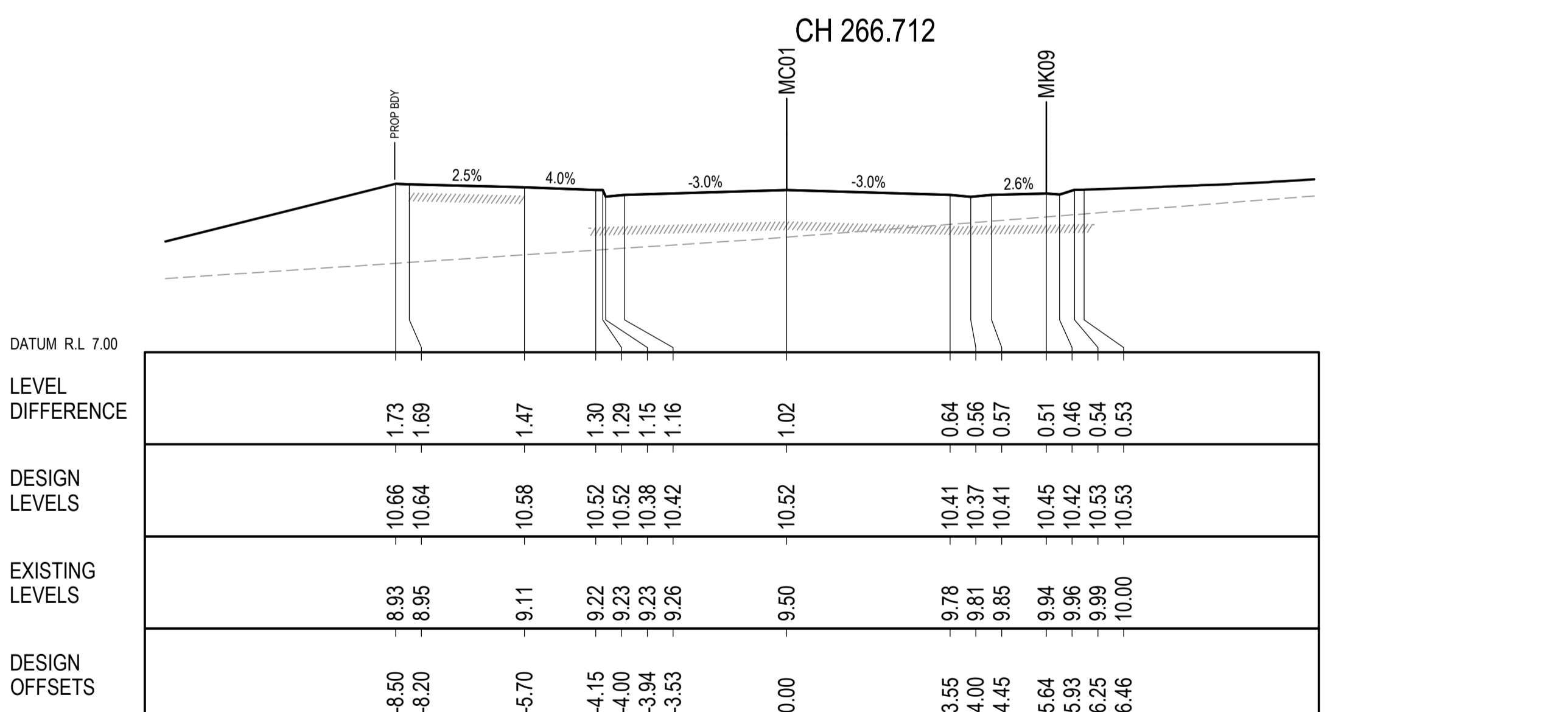
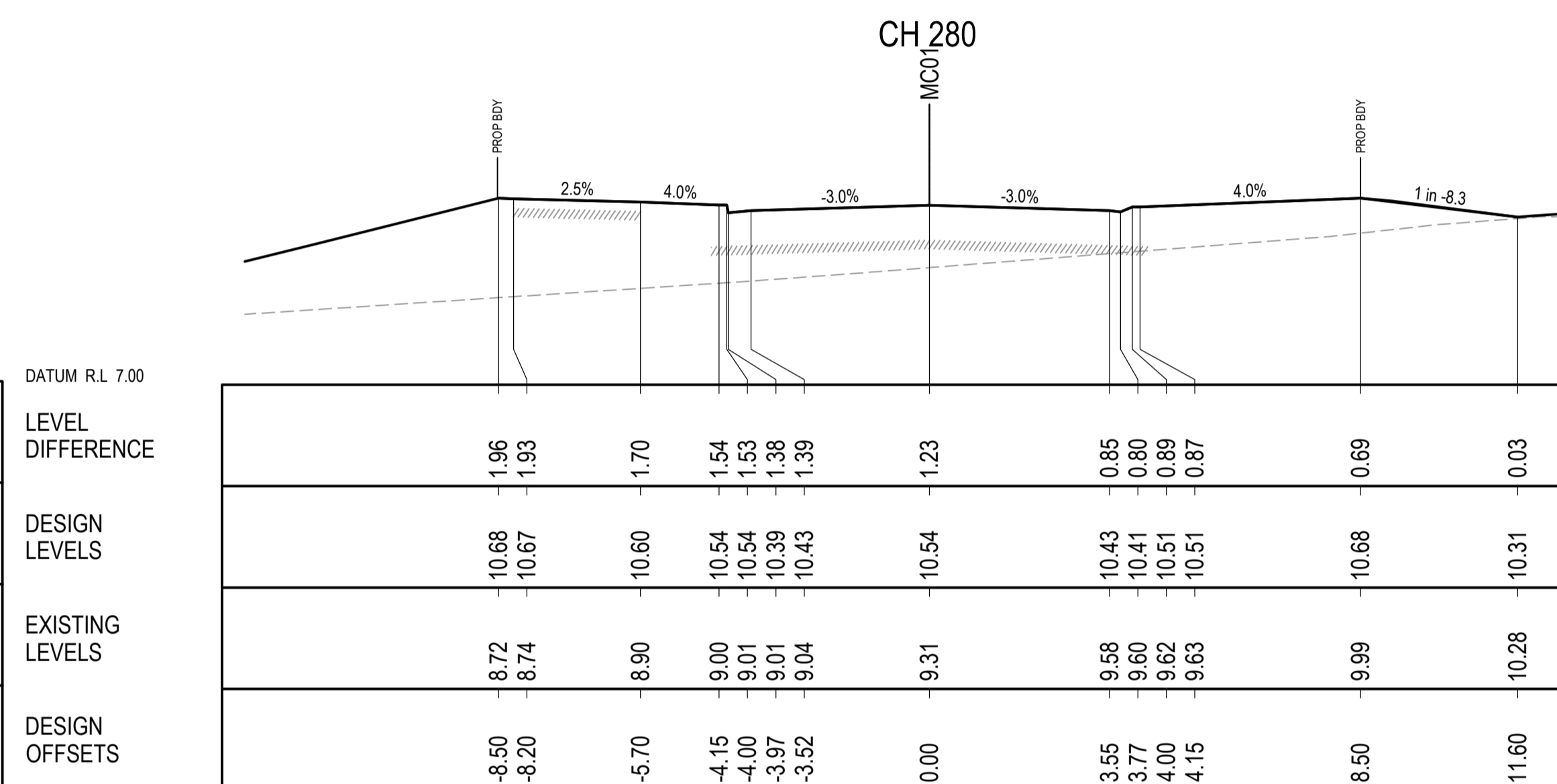
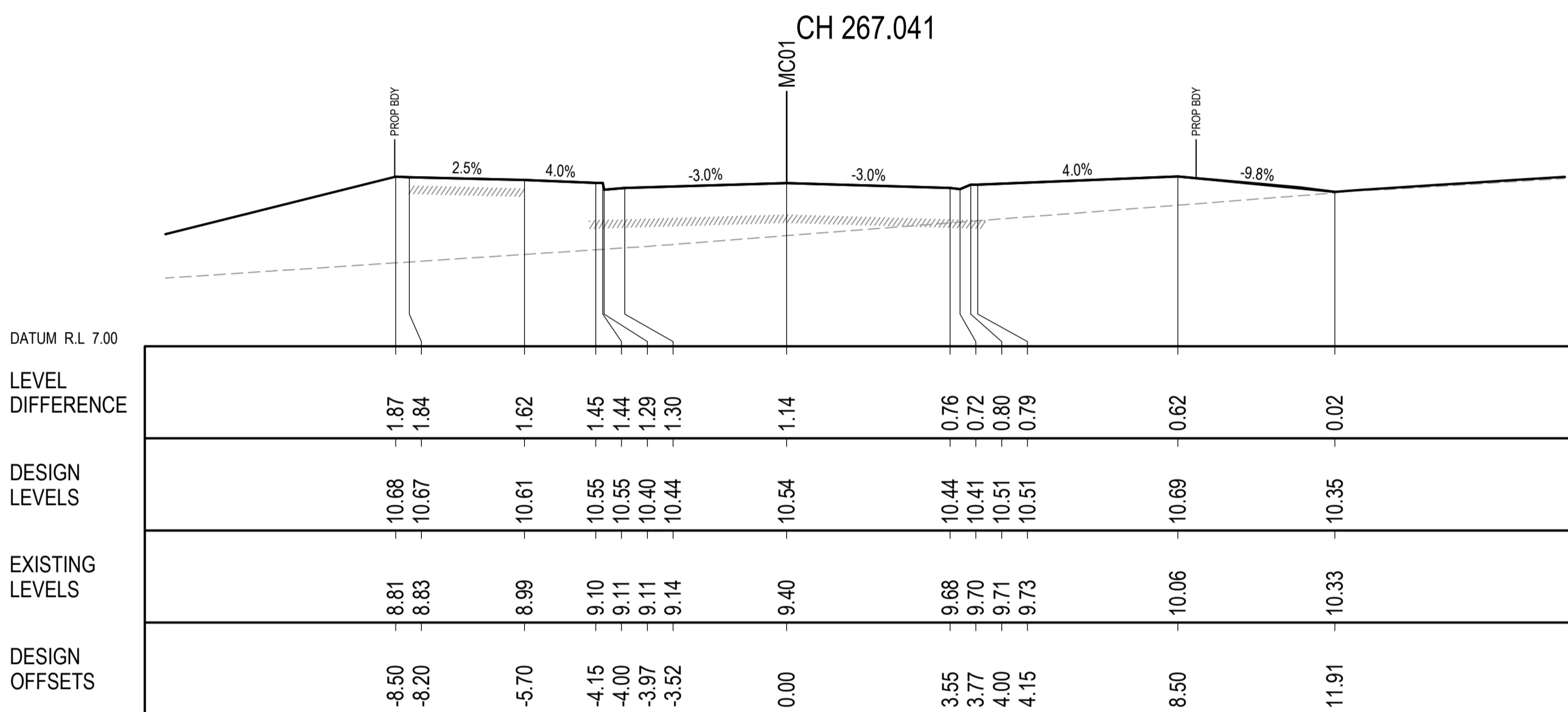
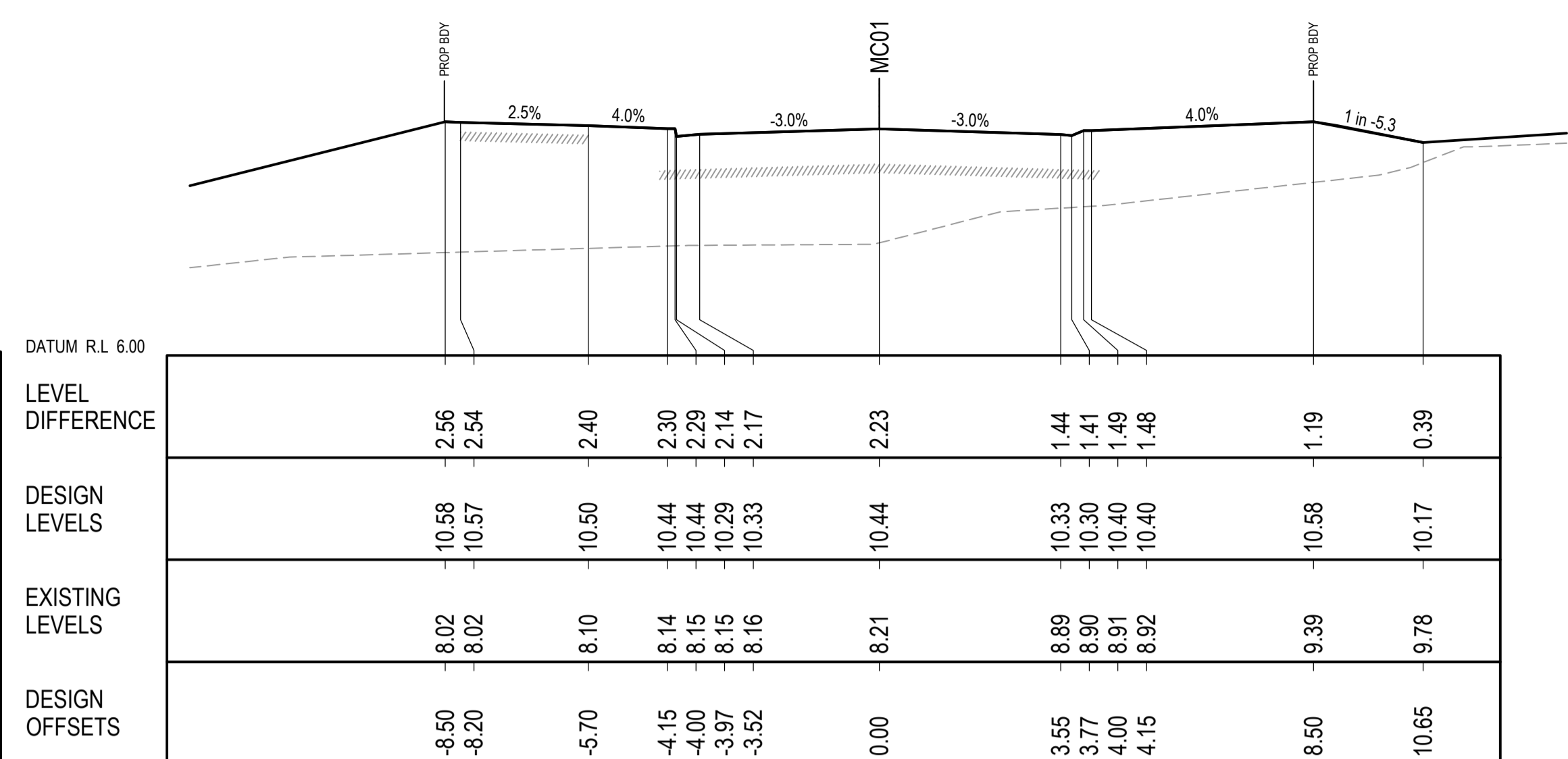
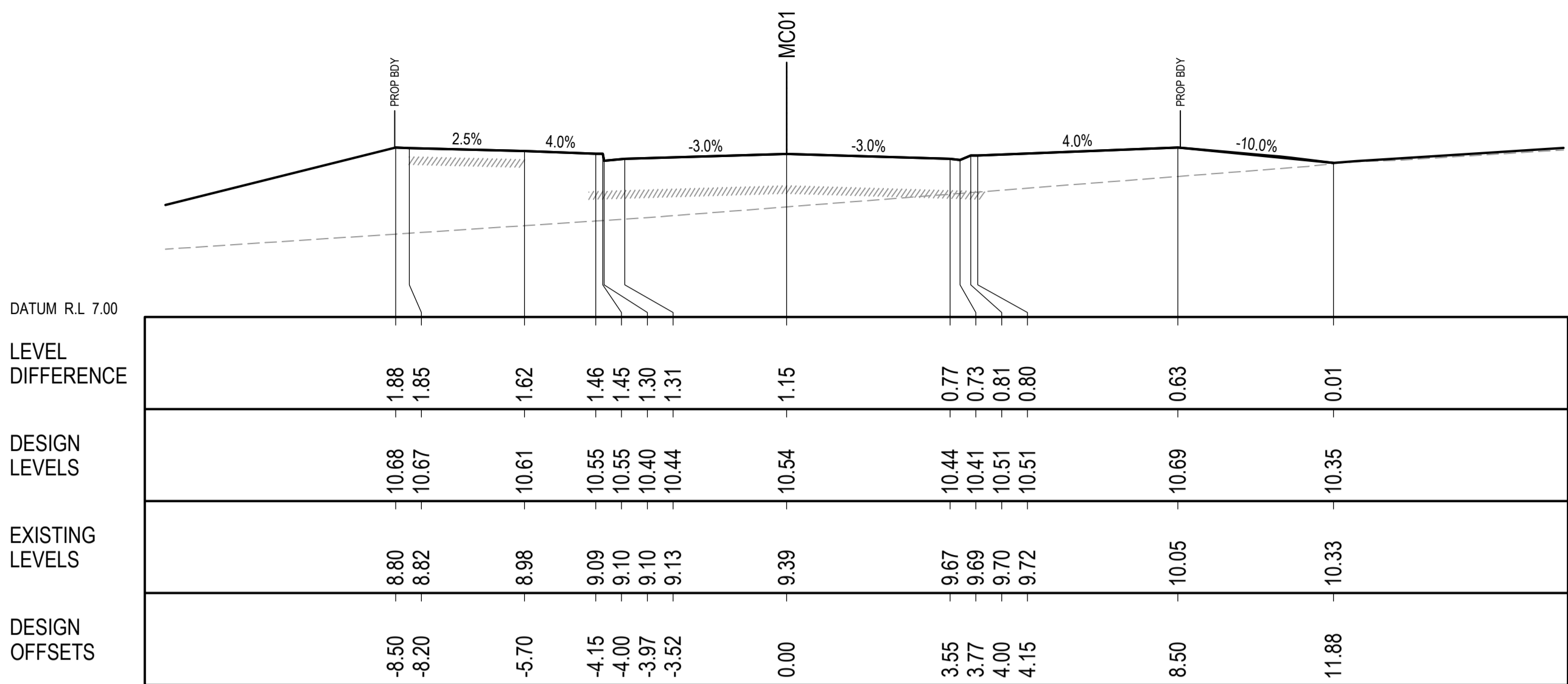
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| SHEET 17 | | | |
| Drawn | Date | Scale | A1 |
| JER | DEC 20 | 1:100 | |
| Designed | Project No. | Dwg. No. | Issue |
| BG | NSW202521 | DA105-117 | B |
| G.A. Check | Date | | |
| JPR | 16.05.22 | | |

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15/03/2022 10:54:11 AM C:\Users\jpr\Documents\Projects\THORNTON STAGE 2 DEVELOPMENT\THORNTON STAGE 2 DEVELOPMENT\ROAD CROSS SECTIONS\HONEY MYRTLE STREET (MC01)\SHEET 17.dwg

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



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Project: THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

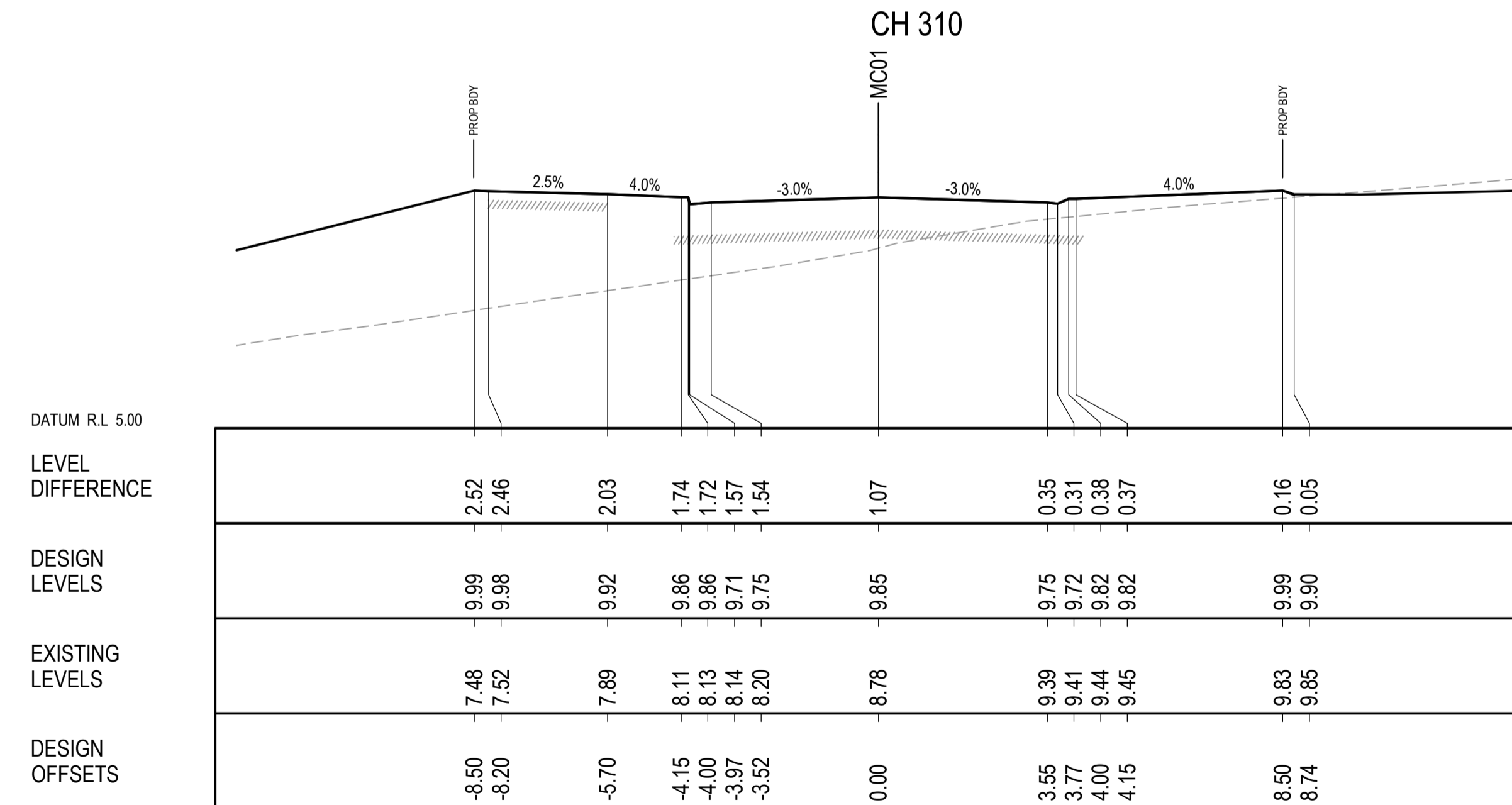
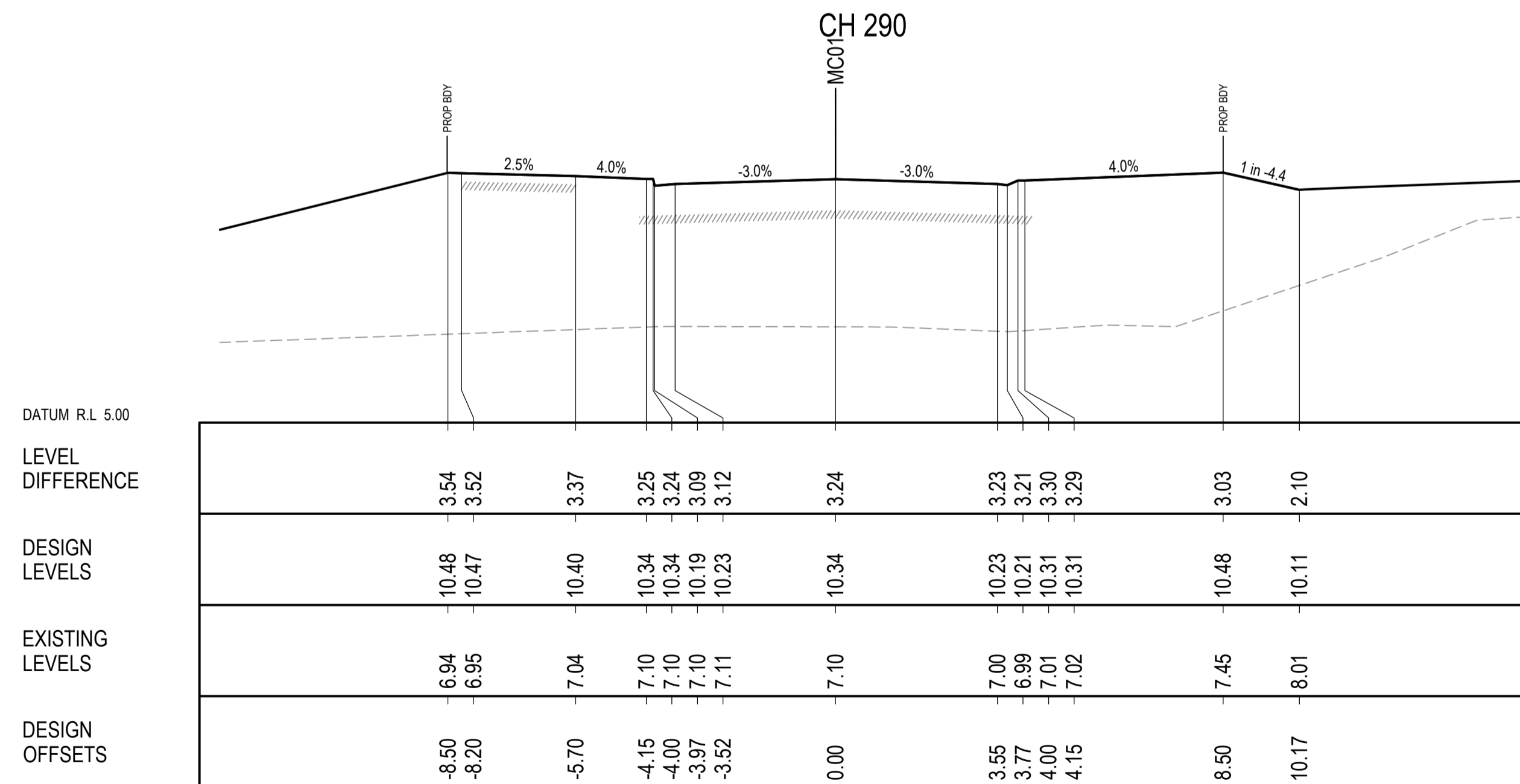
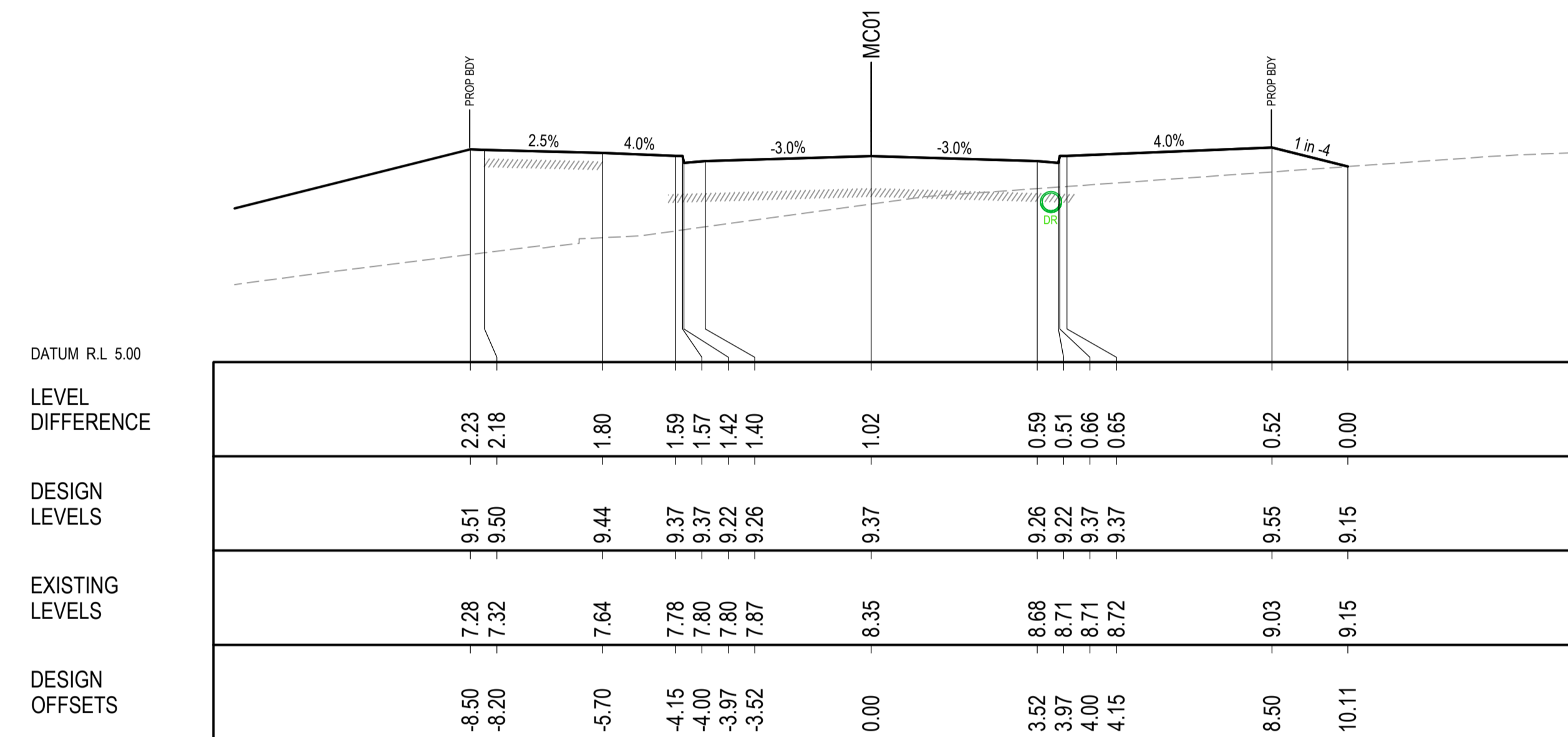
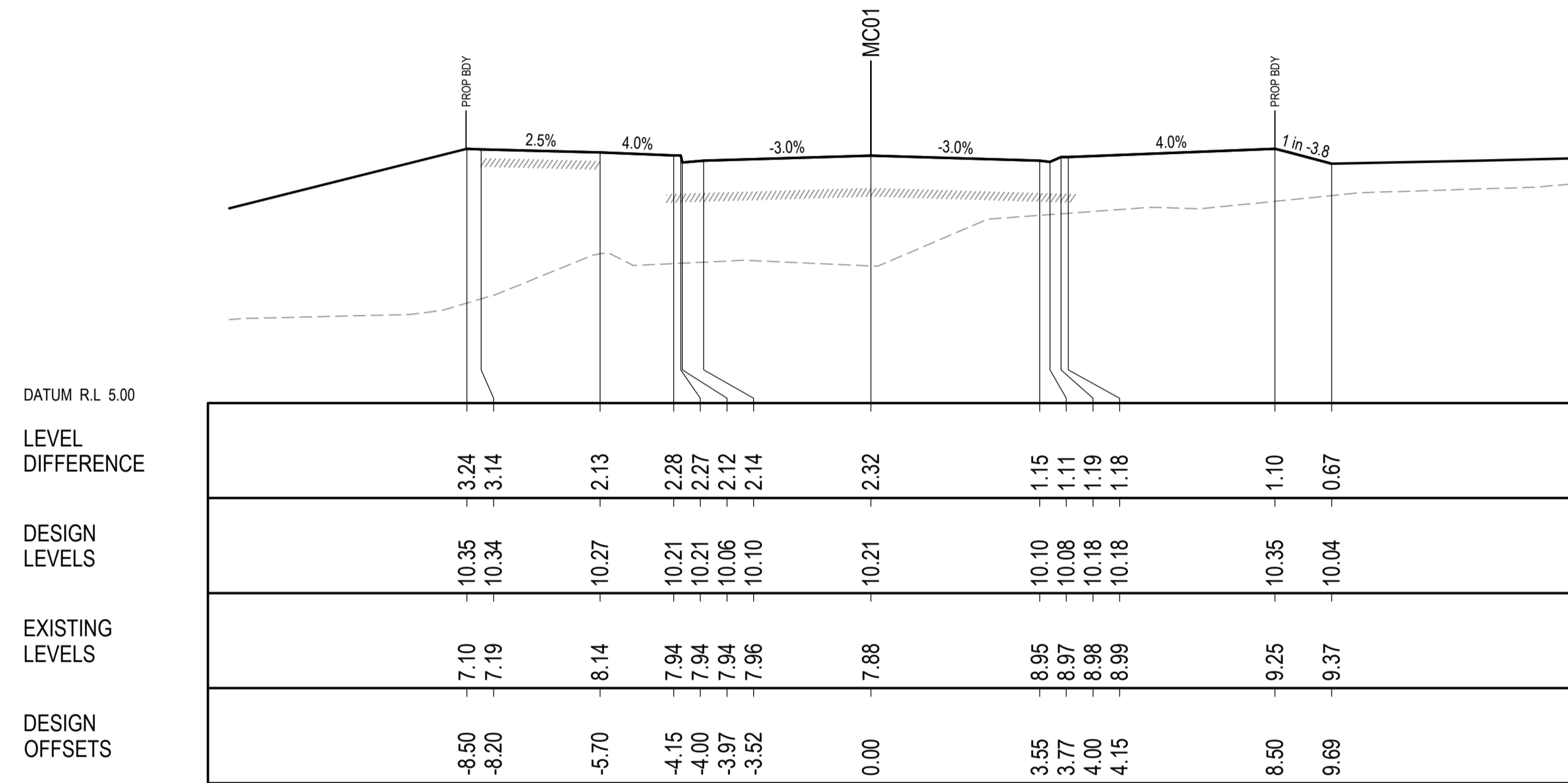
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| Designed | Project No. | Dwg. No. | Issue |
| BG | NSW202521 | DA105-118 | B |
| Q.A. Check | Date | | |
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15/05/2022 2:55:29 PM

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 19**

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
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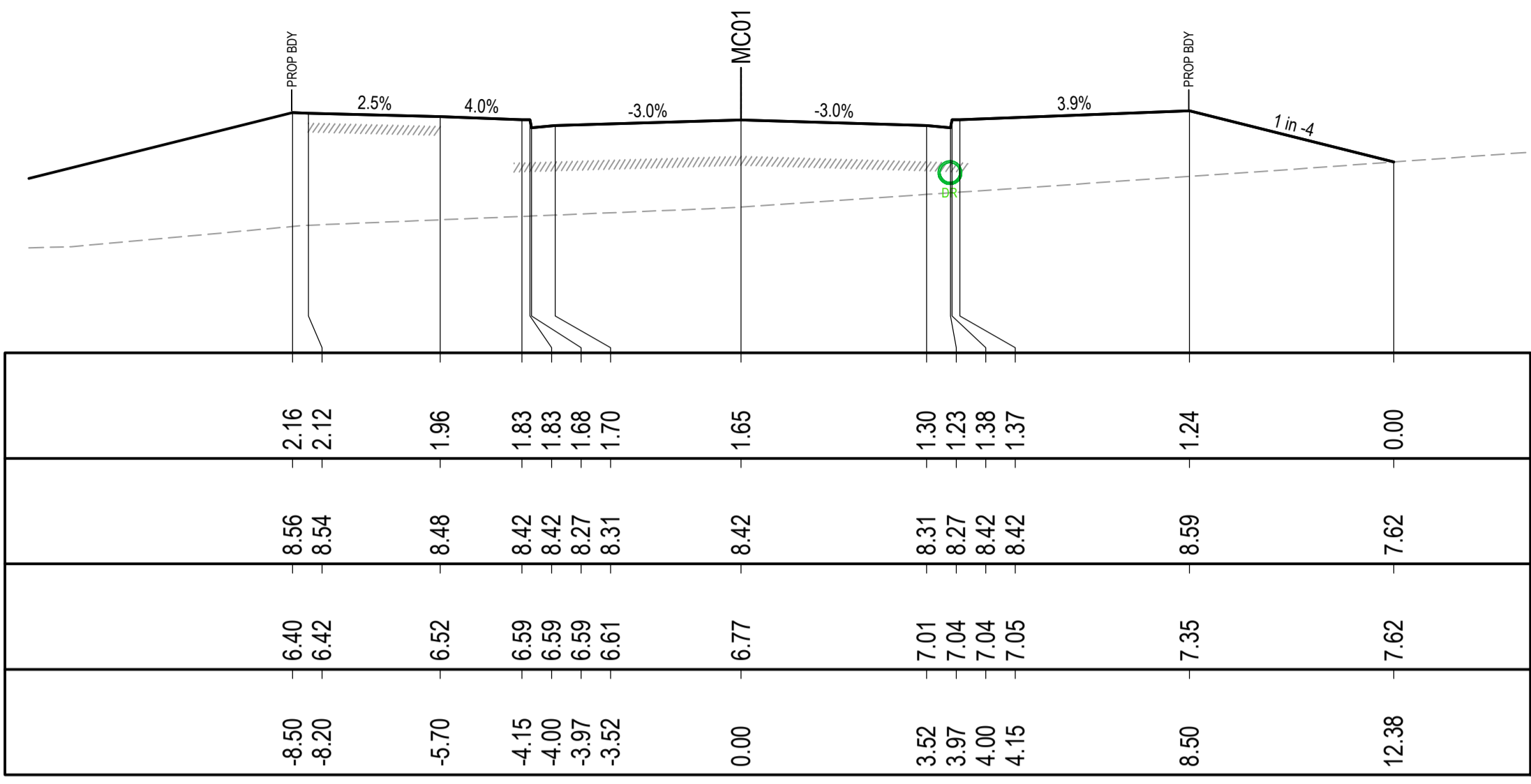
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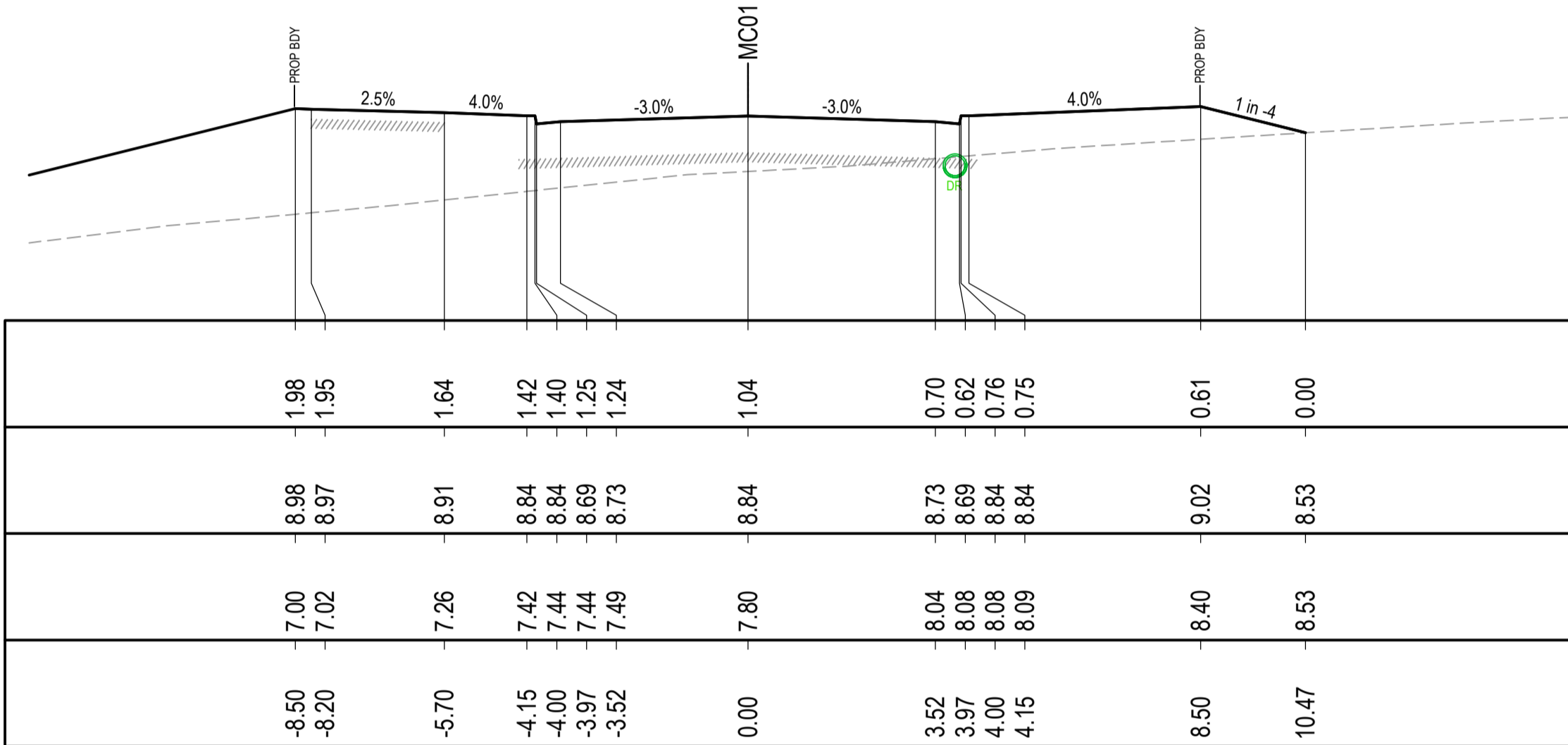
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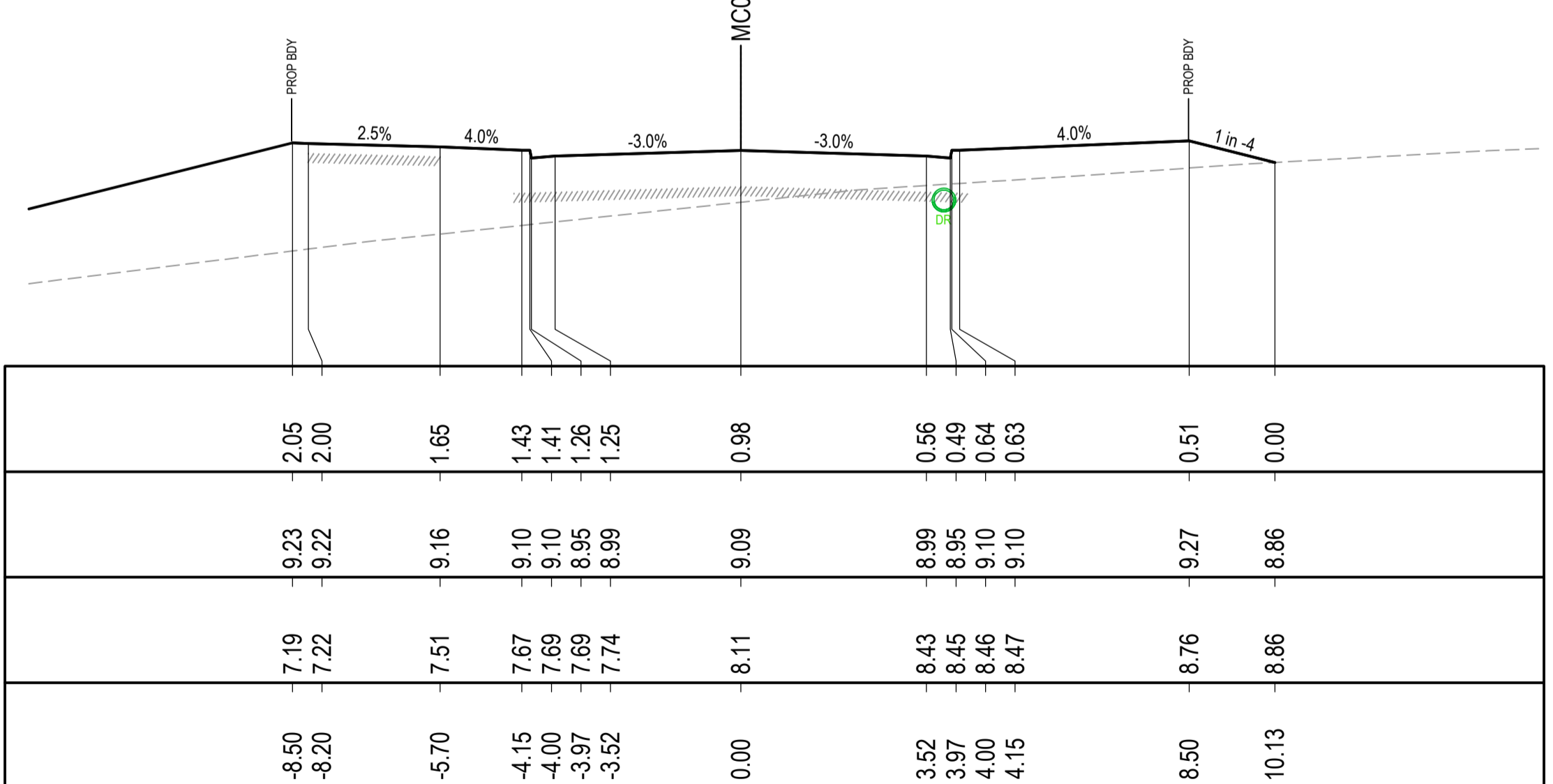
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- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



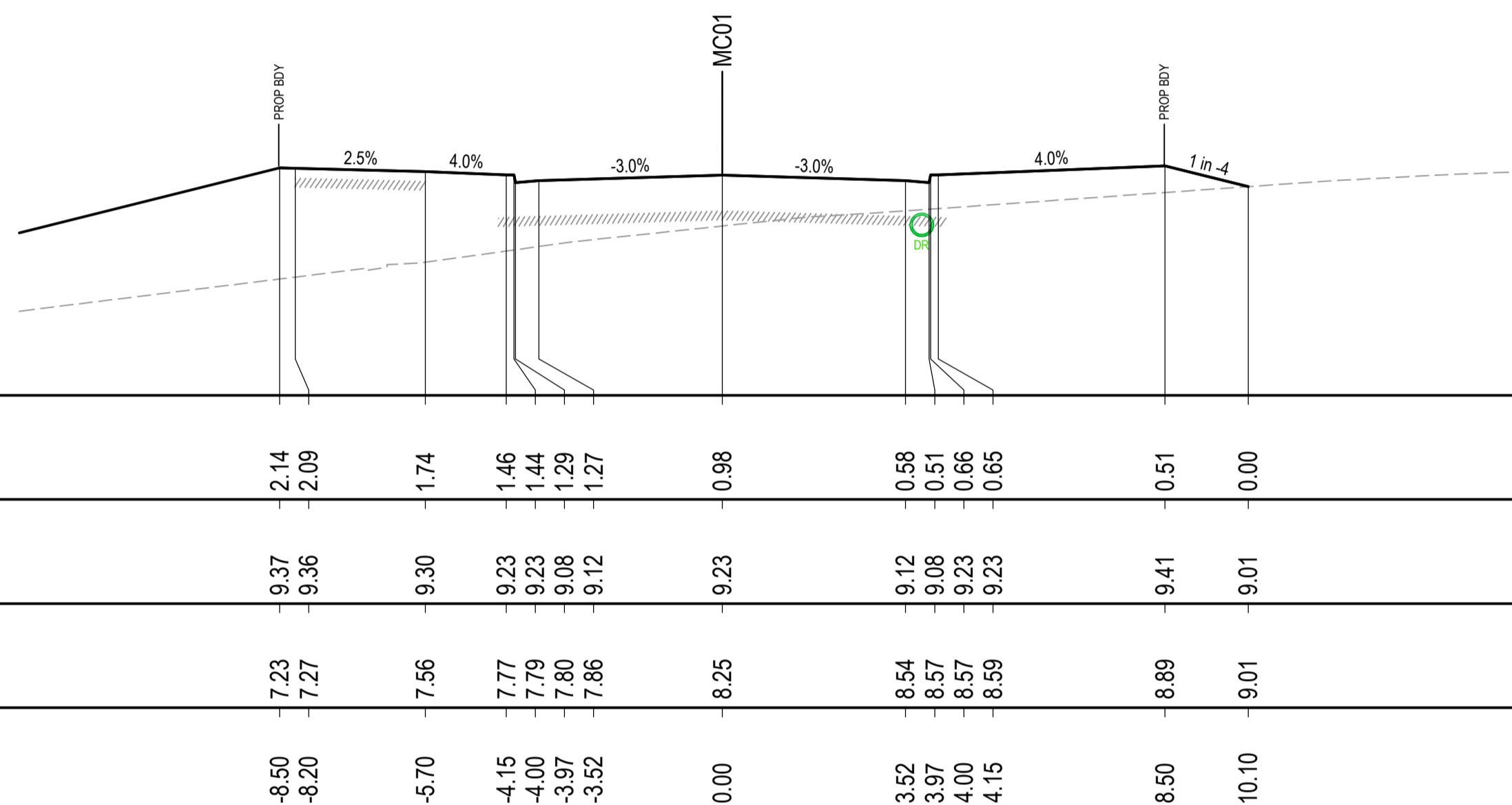
CH 330



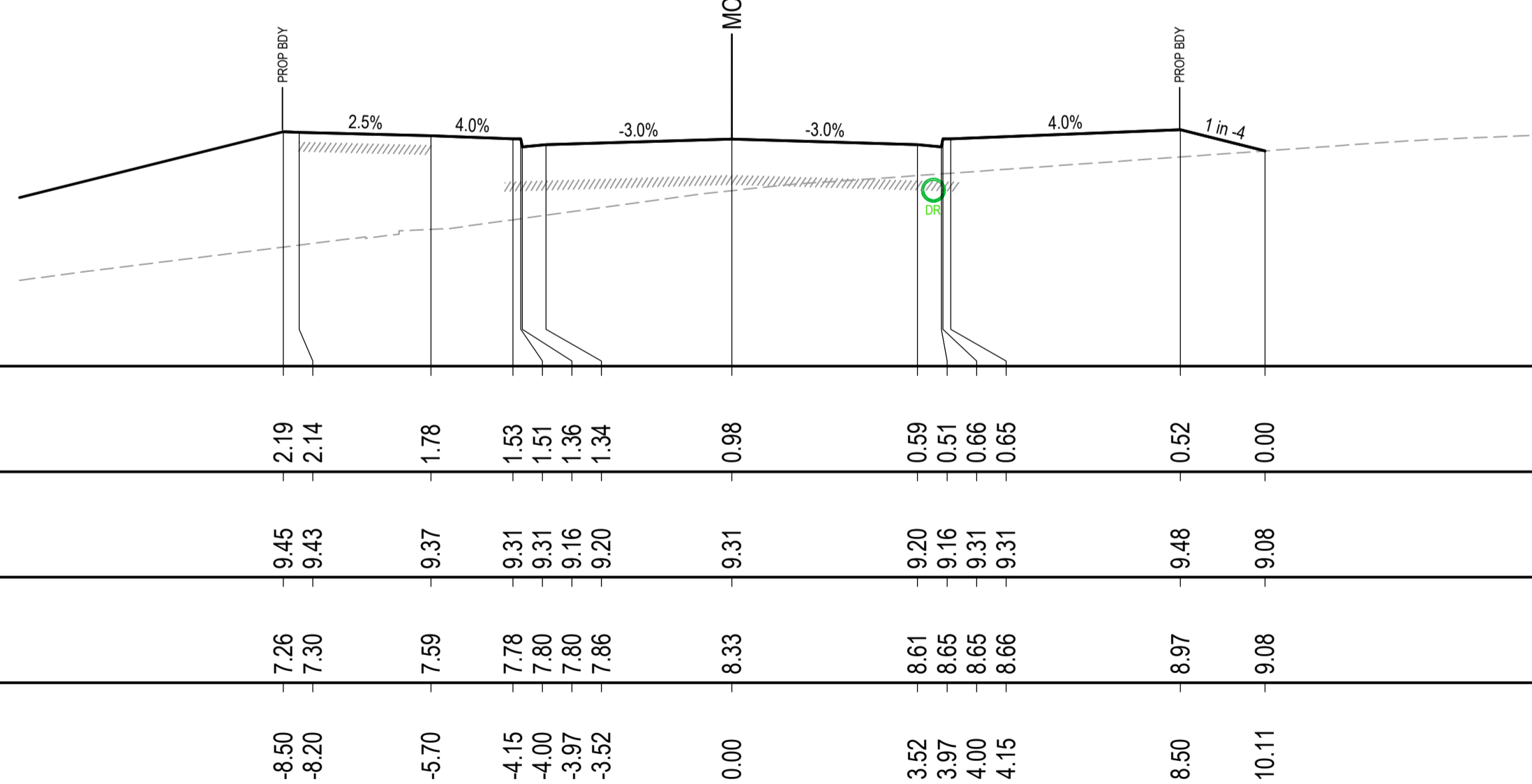
CH 320



CH 315



CH 312.501



CH 311.147

SCALE 1:100 @ A1
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| | | | | |
|---|-------------|-----------|----|------------|
| Drawing Title ROAD CROSS SECTIONS HONEY MYRTLE STREET (MC01) SHEET 20 | | | | |
| Drawn | Date | Scale | A1 | G.A. Check |
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| BG | NSW202521 | DA105-120 | | B |

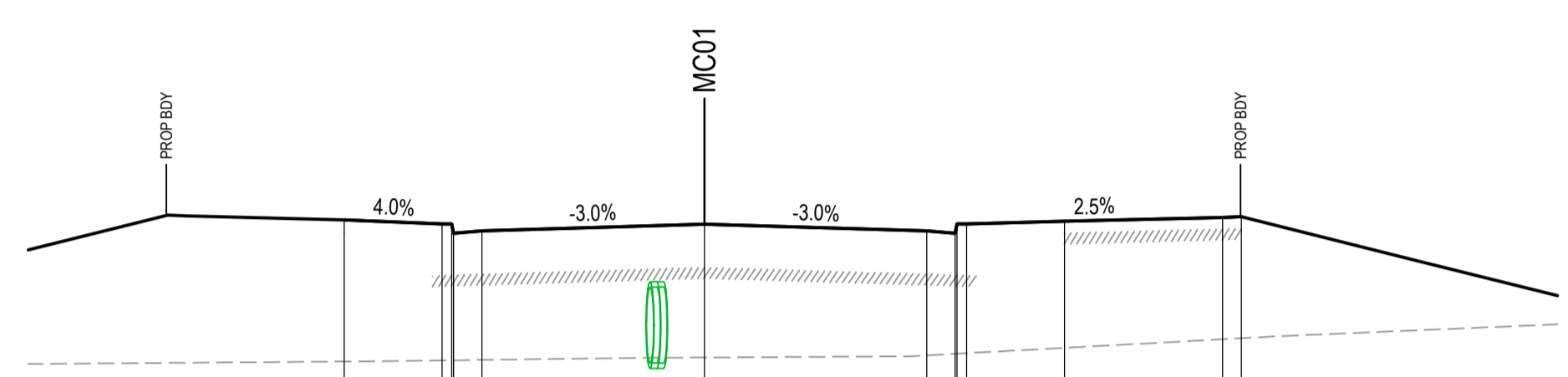
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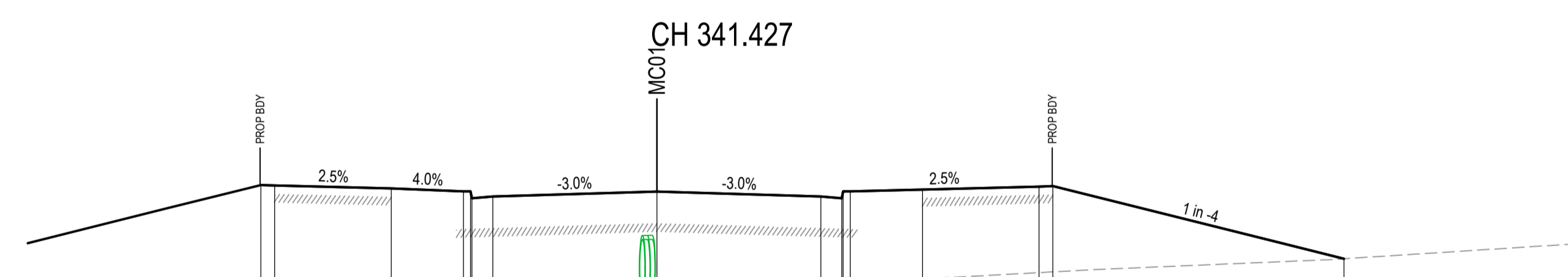
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- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



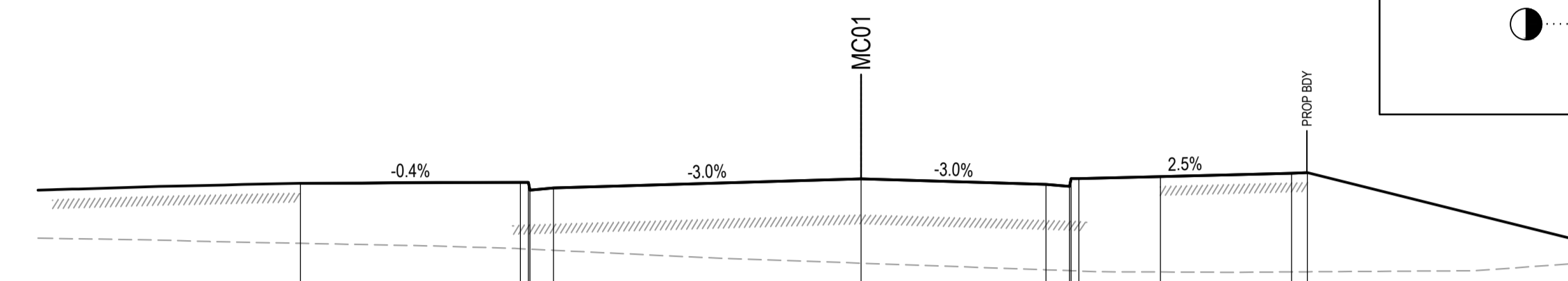
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| 2.16 | 8.07 | 5.91 | -4.15 |
| 2.16 | 8.07 | 5.91 | -4.00 |
| 2.01 | 7.92 | 5.91 | -3.97 |
| 2.04 | 7.96 | 5.92 | -3.52 |
| 2.11 | 8.07 | 5.96 | 0.00 |
| 1.97 | 7.96 | 5.99 | 3.52 |
| 1.91 | 7.92 | 6.01 | 3.97 |
| 2.06 | 8.07 | 6.02 | 4.00 |
| 2.05 | 8.07 | 6.02 | 4.15 |
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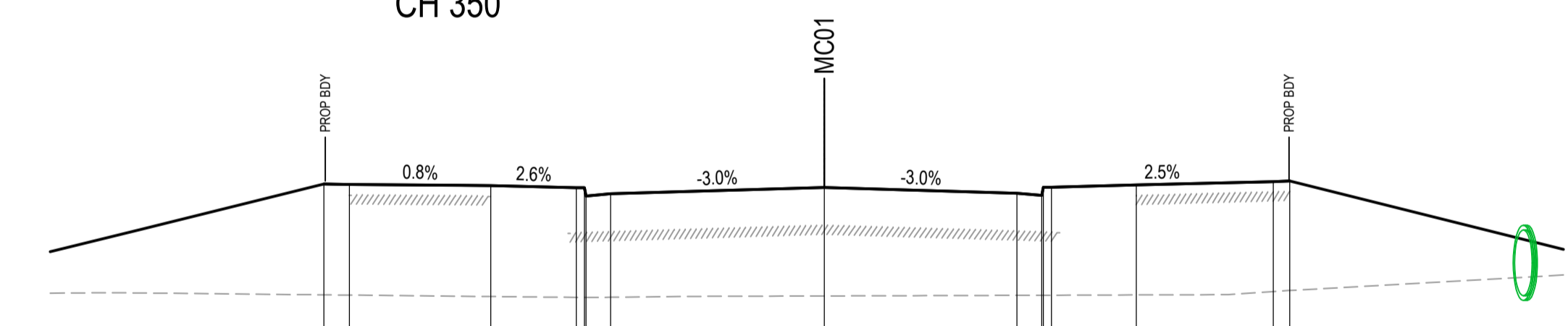
DATUM R.L. 4.00

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| 2.21 | 8.11 | 5.90 | -4.15 |
| 2.21 | 8.11 | 5.90 | -4.00 |
| 2.05 | 7.96 | 5.90 | -3.97 |
| 2.09 | 8.00 | 5.91 | -3.52 |
| 2.17 | 8.10 | 5.94 | 0.00 |
| 1.89 | 8.00 | 6.11 | 3.52 |
| 1.83 | 7.96 | 6.13 | 3.97 |
| 1.98 | 8.11 | 6.13 | 4.00 |
| 1.97 | 8.11 | 6.14 | 4.15 |
| 1.92 | 8.15 | 6.22 | 5.70 |
| 1.85 | 8.21 | 6.36 | 8.20 |
| 1.84 | 8.22 | 6.38 | 8.50 |
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DATUM R.L. 2.00

| LEVEL DIFFERENCE | DESIGN LEVELS | EXISTING LEVELS | DESIGN OFFSETS |
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| 1.12 | 7.68 | 6.56 | -6.31 |
| 1.19 | 7.72 | 6.54 | -5.86 |
| 1.61 | 7.90 | 6.29 | 0.00 |
| 1.63 | 7.79 | 6.17 | 3.52 |
| 1.60 | 7.75 | 6.15 | 3.97 |
| 1.76 | 7.90 | 6.15 | 4.00 |
| 1.76 | 7.90 | 6.14 | 4.15 |
| 1.82 | 7.94 | 6.12 | 5.70 |
| 1.88 | 8.01 | 6.13 | 8.20 |
| 1.89 | 8.02 | 6.13 | 8.50 |



DATUM R.L. 2.00

| LEVEL DIFFERENCE | DESIGN LEVELS | EXISTING LEVELS | DESIGN OFFSETS |
|------------------|---------------|-----------------|----------------|
| 2.02 | 8.05 | 6.03 | -9.14 |
| 2.02 | 8.04 | 6.02 | -8.67 |
| 2.03 | 8.02 | 5.99 | -6.09 |
| 2.00 | 7.98 | 5.98 | -4.53 |
| 2.00 | 7.98 | 5.98 | -4.38 |
| 1.85 | 7.83 | 5.98 | -4.35 |
| 1.89 | 7.87 | 5.98 | -3.90 |
| 1.98 | 7.99 | 6.01 | 0.00 |
| 1.87 | 7.88 | 6.02 | 3.52 |
| 1.82 | 7.84 | 6.02 | 3.97 |
| 1.97 | 7.99 | 6.02 | 4.00 |
| 1.97 | 7.99 | 6.02 | 4.15 |
| 2.01 | 8.03 | 6.02 | 5.70 |
| 2.01 | 8.09 | 6.09 | 8.20 |
| 2.00 | 8.10 | 6.11 | 8.50 |

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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North

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON







| Drawn | | Date | Scale | A1 | G.A. Check | Date |
|----------|-----------|-------------|----------|-------|------------|----------|
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| Designed | | Project No. | Dwg. No. | Issue | | |
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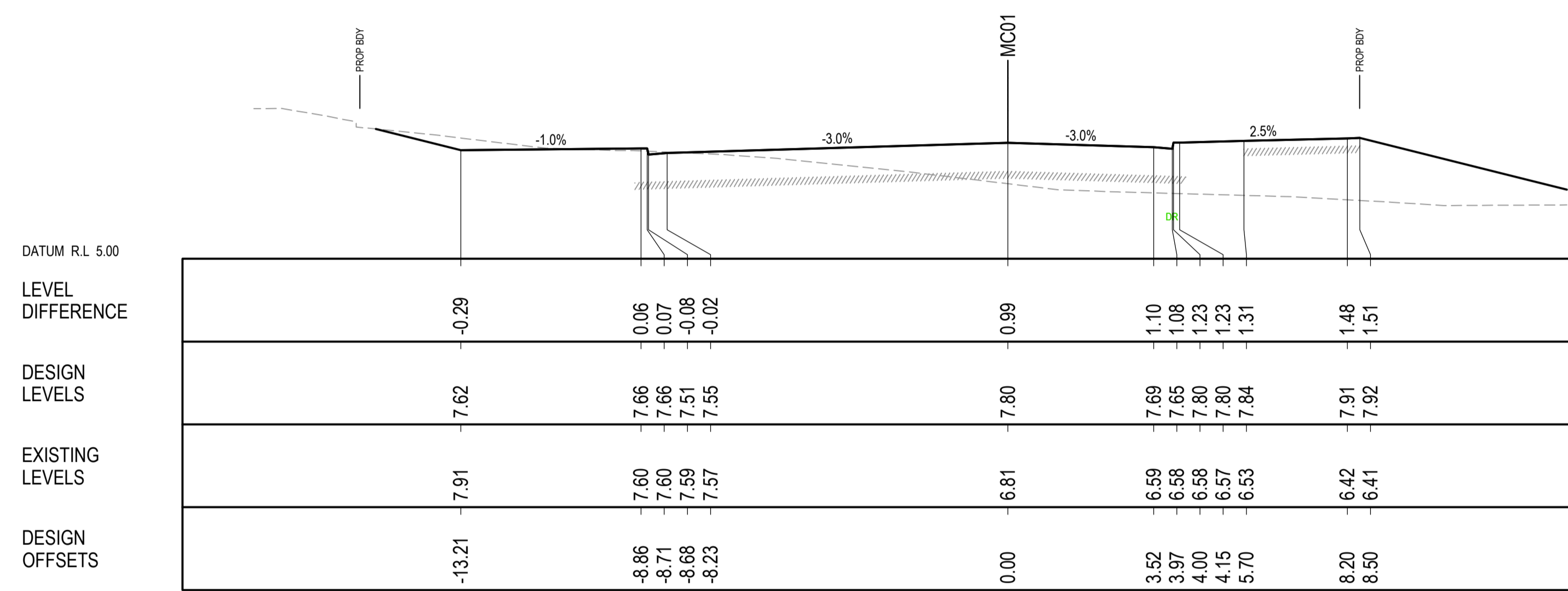
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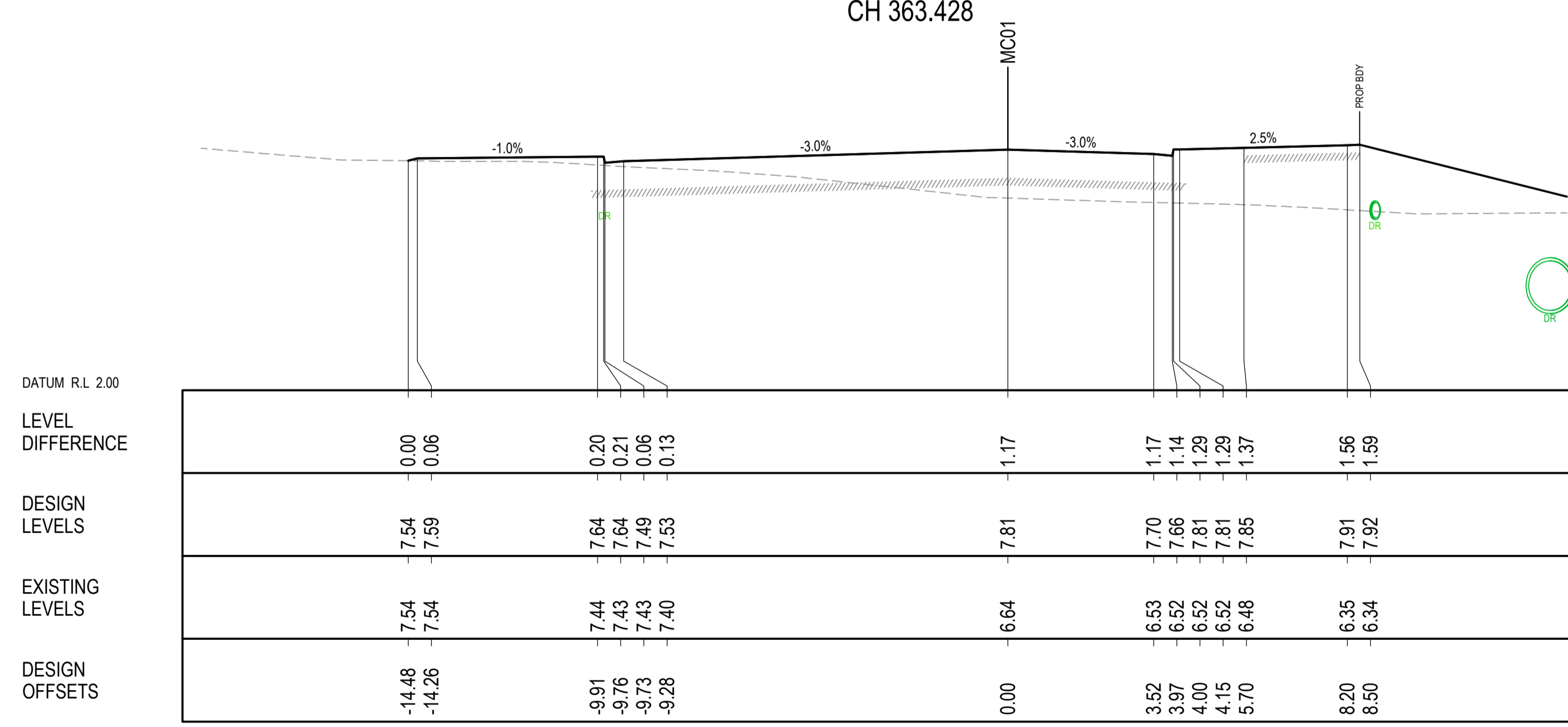
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LEGEND

-  DESIGN SURFACE
-  EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 363.428



CH 360

SCALE 1:100 @ A1
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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON







| | | | |
|--|-------------|-----------|-------|
| Drawing Title ROAD CROSS SECTIONS HONEY MYRTLE STREET (MC01) SHEET 22 | | | |
| Drawn | Date | Scale | A1 |
| JER | DEC 20 | 1:100 | |
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| BG | NSW202521 | DA105-122 | B |
| G.A. Check | | Date | |
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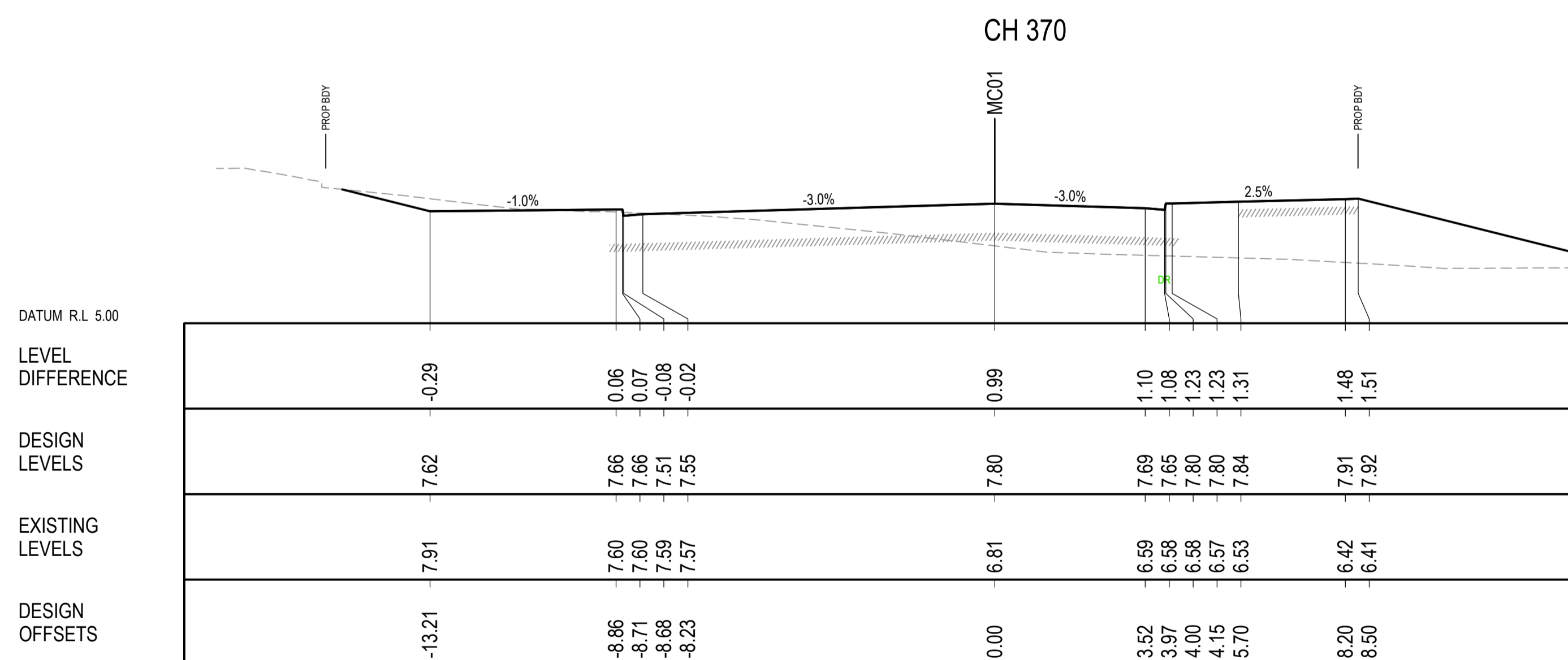
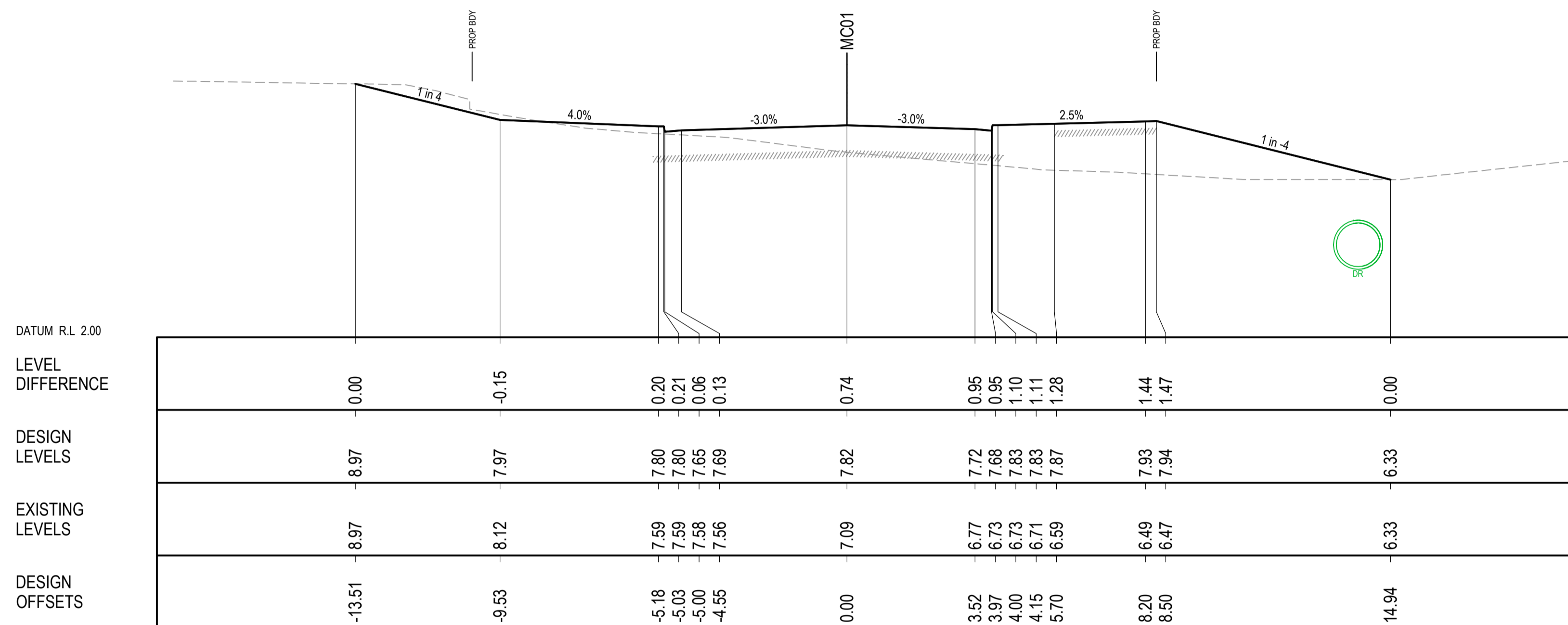
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1:100 @ A1: 530 Raymond Terrace Road, Thornton NSW 2300

LEGEND

-  DESIGN SURFACE
-  EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



SCALE 1:100 @ A1
SCALE 1:200 @ A3



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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |
| Issue | Description | Date | Drawn | Approved |

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Cooks Hill, Newcastle NSW 2300
T +61 2 4926 4811



Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 23**

| | | | | | |
|----------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
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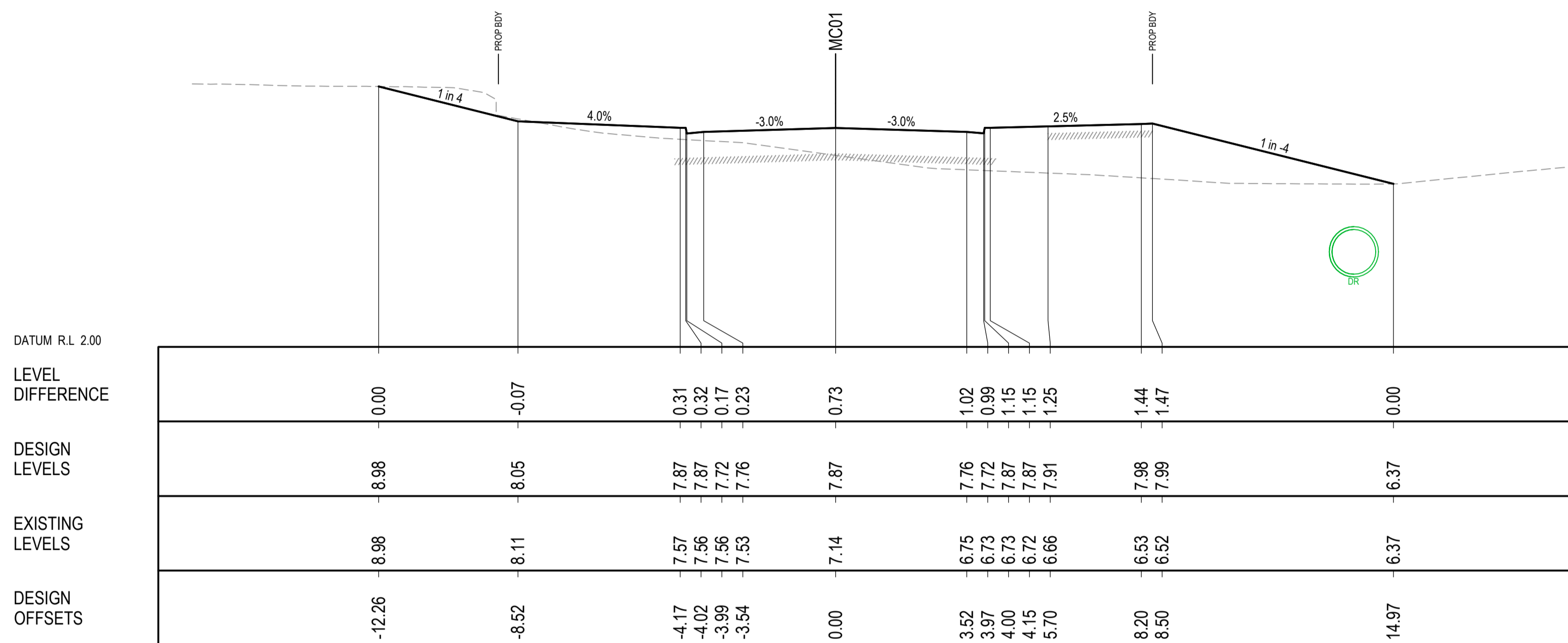
NOT FOR CONSTRUCTION



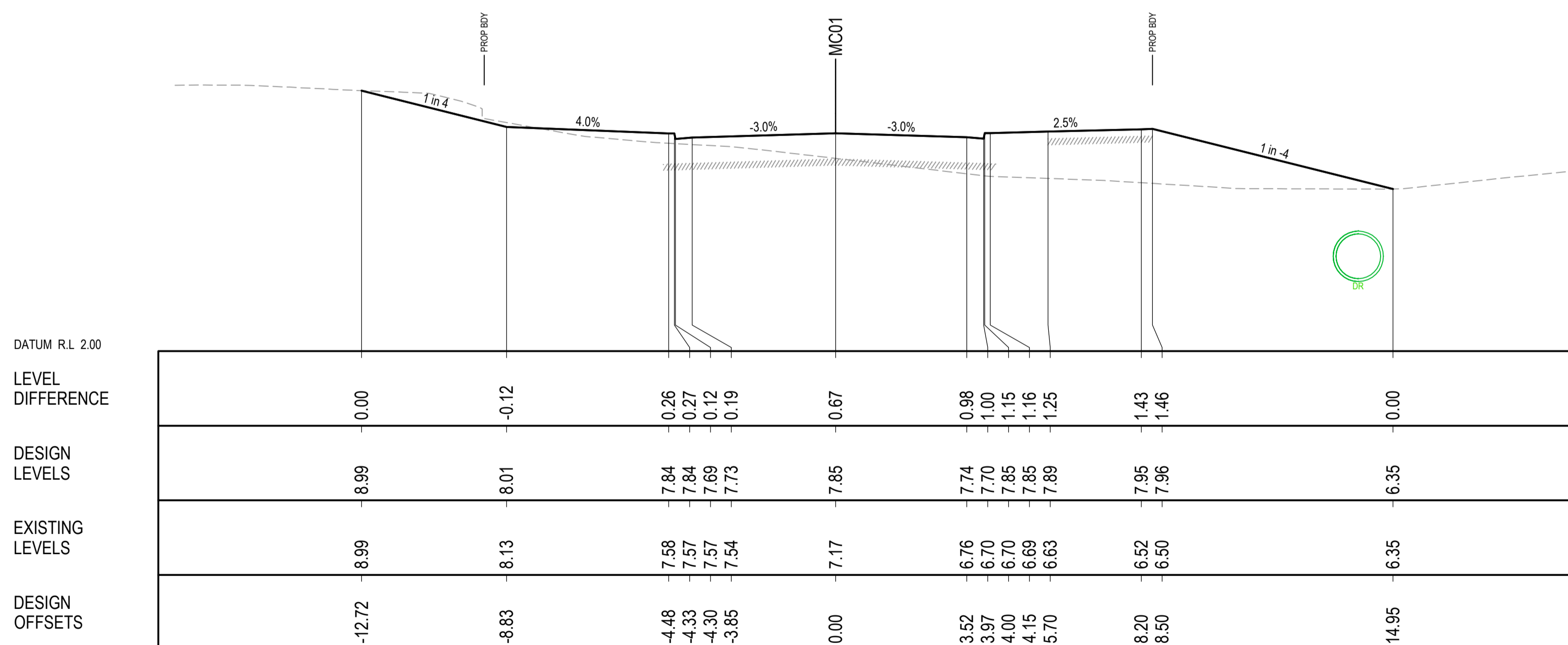
193130153 Raymond Terrace NSW 2300 12/11/2022 1:05pm

LEGEND

-  DESIGN SURFACE
-  EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 375



CH 372.501

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
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Cooks Hill, Newcastle NSW 2300
T +61 2 4926 4811



Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 24**

| | | | | | |
|----------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-124 | B | | |

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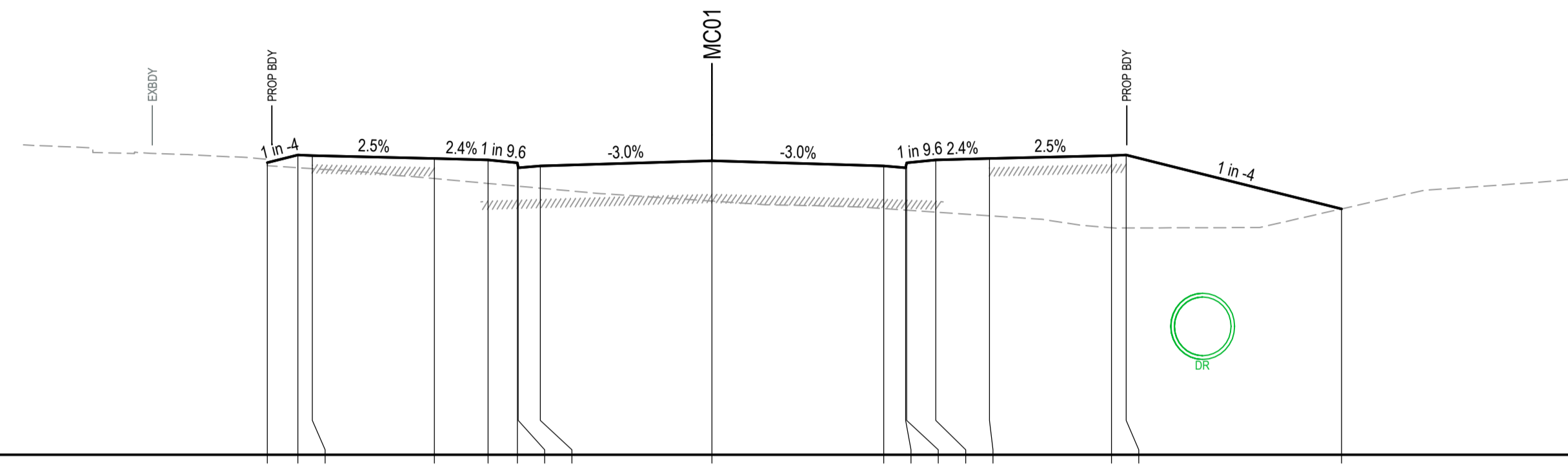
NOT FOR CONSTRUCTION



1:100 @ A1 Scale 1:200 @ A3 Scale 1:100 @ A1 Scale 1:200 @ A3

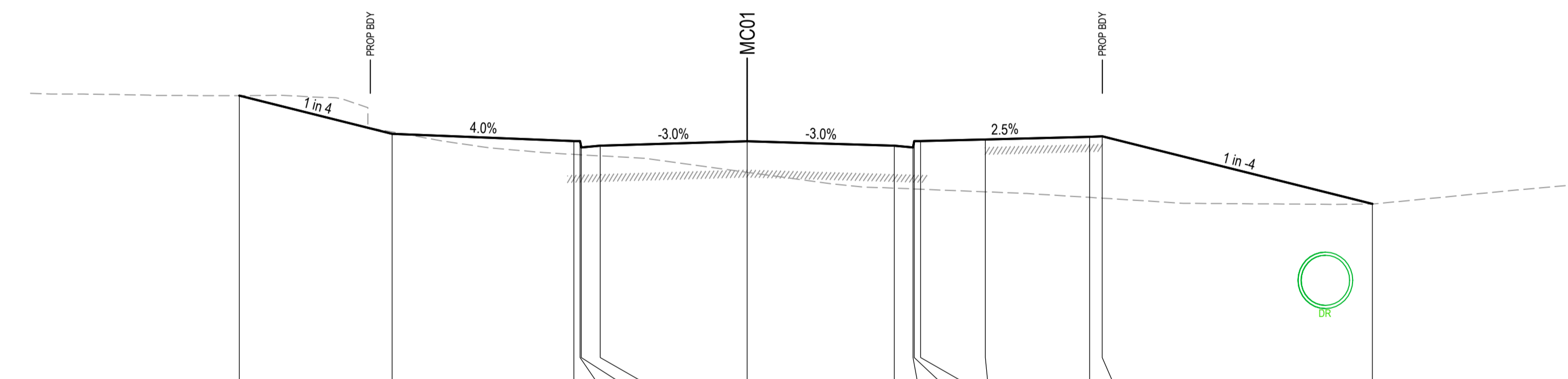
LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



| DATUM R.L. 2.00 | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|-------|-------|-------|--|-------|--|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| LEVEL DIFFERENCE | | | | | | | | | | | | | | | | | | | | | | | | | |
| DESIGN LEVELS | | 7.98 | 8.14 | 8.13 | | 8.06 | | 8.04 | 8.04 | 7.98 | 7.87 | 7.91 | | 8.02 | | 7.91 | 7.87 | 7.98 | 8.04 | 8.06 | | 8.13 | 8.14 | | 7.03 |
| EXISTING LEVELS | | 7.92 | 7.88 | 7.86 | | 7.65 | | 7.55 | 7.50 | 7.50 | 7.46 | | 7.19 | | 7.04 | 7.01 | 7.01 | 6.97 | 6.89 | | 6.65 | 6.64 | | 7.03 | |
| DESIGN OFFSETS | | -9.11 | -8.49 | -8.19 | | -5.69 | | -4.59 | -3.99 | -3.97 | -3.52 | | 0.00 | | 3.52 | 3.97 | 3.99 | 4.59 | 5.69 | | 8.19 | 8.49 | | 12.91 | |

CH 390



| DATUM R.L. 2.00 | | | | | | | | | | | | | | | | | | | | | |
|------------------|--|--------|--|-------|--|-------|-------|-------|-------|------|------|--|------|------|------|------|------|------|------|--|-------|
| LEVEL DIFFERENCE | | | | | | | | | | | | | | | | | | | | | |
| DESIGN LEVELS | | 8.97 | | 8.06 | | 7.88 | 7.88 | 7.73 | 7.88 | 7.88 | 7.92 | | 7.88 | | 7.98 | 8.00 | | 6.38 | | | |
| EXISTING LEVELS | | 8.97 | | 8.10 | | 7.57 | 7.56 | 7.73 | 7.53 | | 7.14 | | 6.76 | 6.74 | 6.74 | 6.67 | | 6.54 | 6.52 | | 6.38 |
| DESIGN OFFSETS | | -12.16 | | -8.50 | | -4.15 | -4.00 | -3.97 | -3.52 | | 0.00 | | 3.52 | 3.97 | 4.00 | 4.15 | 5.70 | 8.20 | 8.50 | | 14.97 |

CH 375.817

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 25**

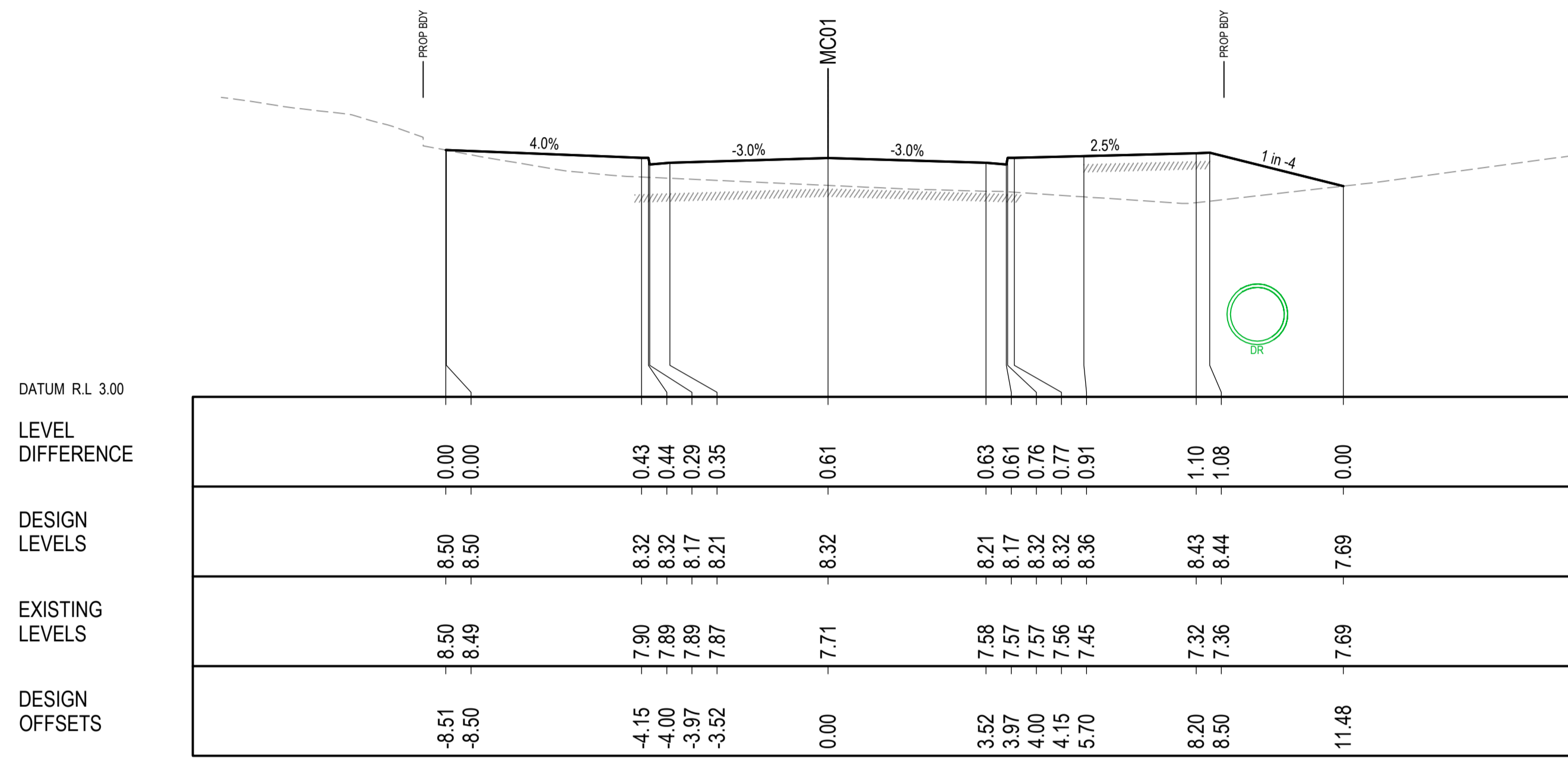
| Drawn | Date | Scale | A1 | G.A. Check | Date |
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| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-125 | B | | |

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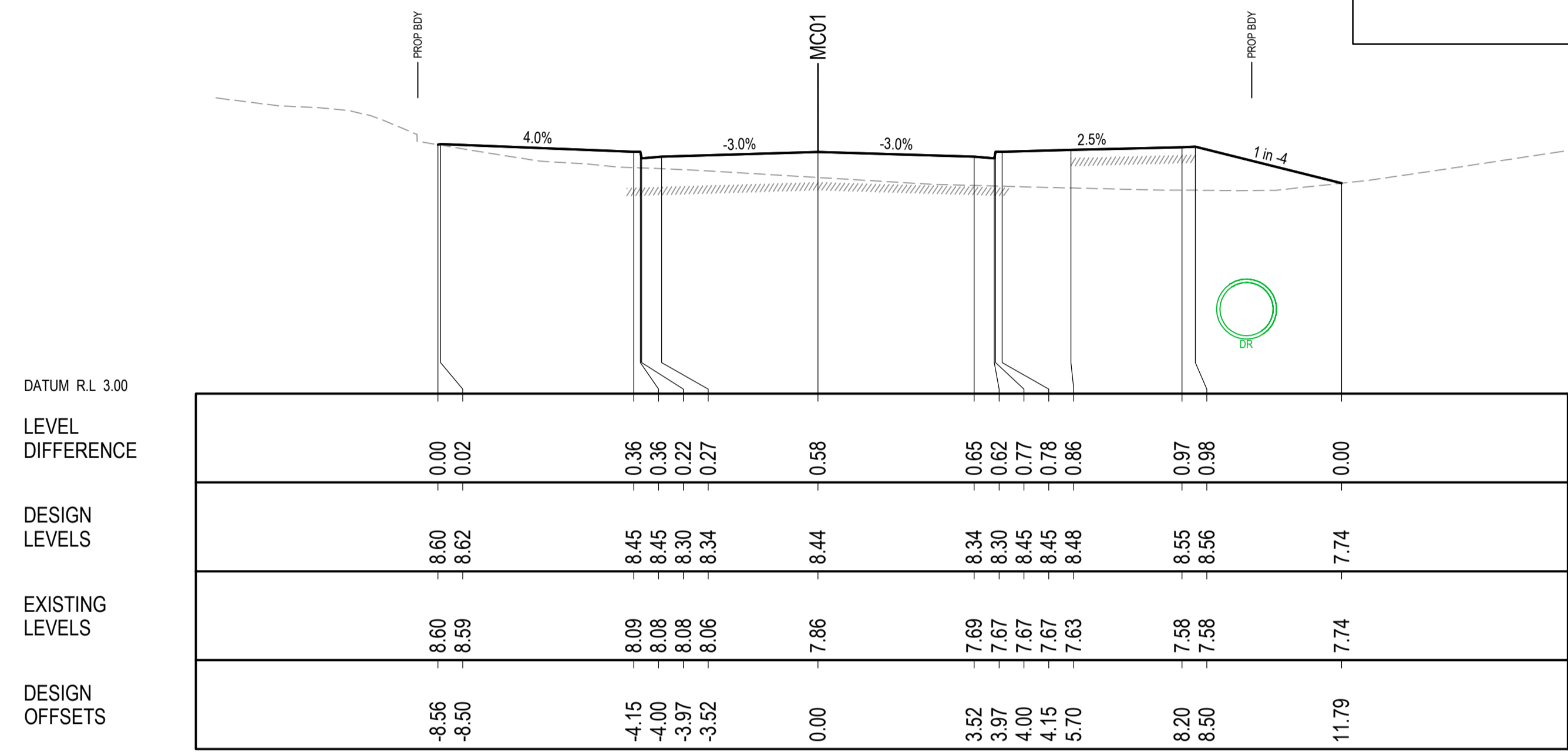
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LEGEND

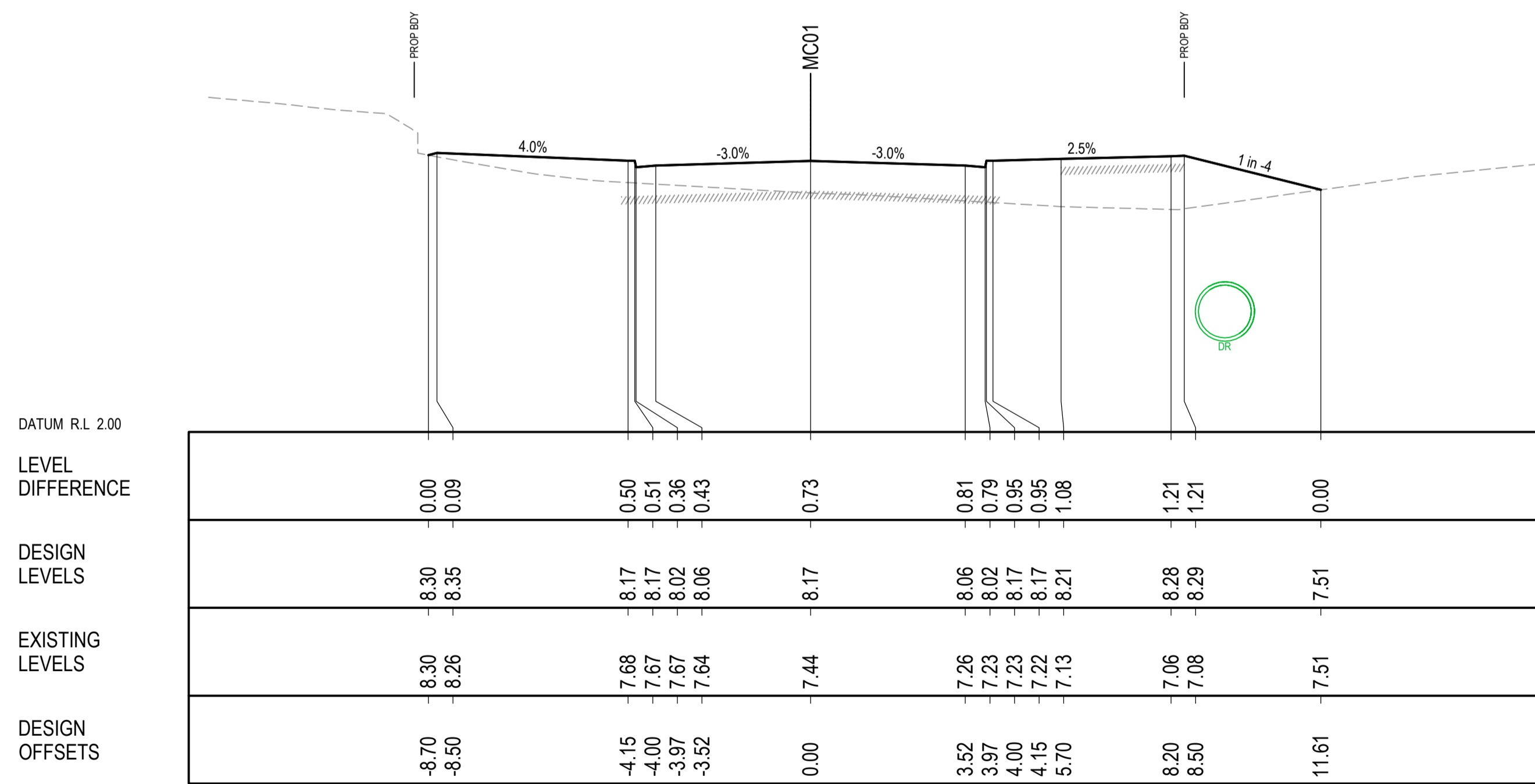
- DESIGN SURFACE
- - - - - EXISTING SURFACE
- DR PROPOSED STORMWATER MAIN
- SWR PROPOSED SEWER MAIN
- WAT PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



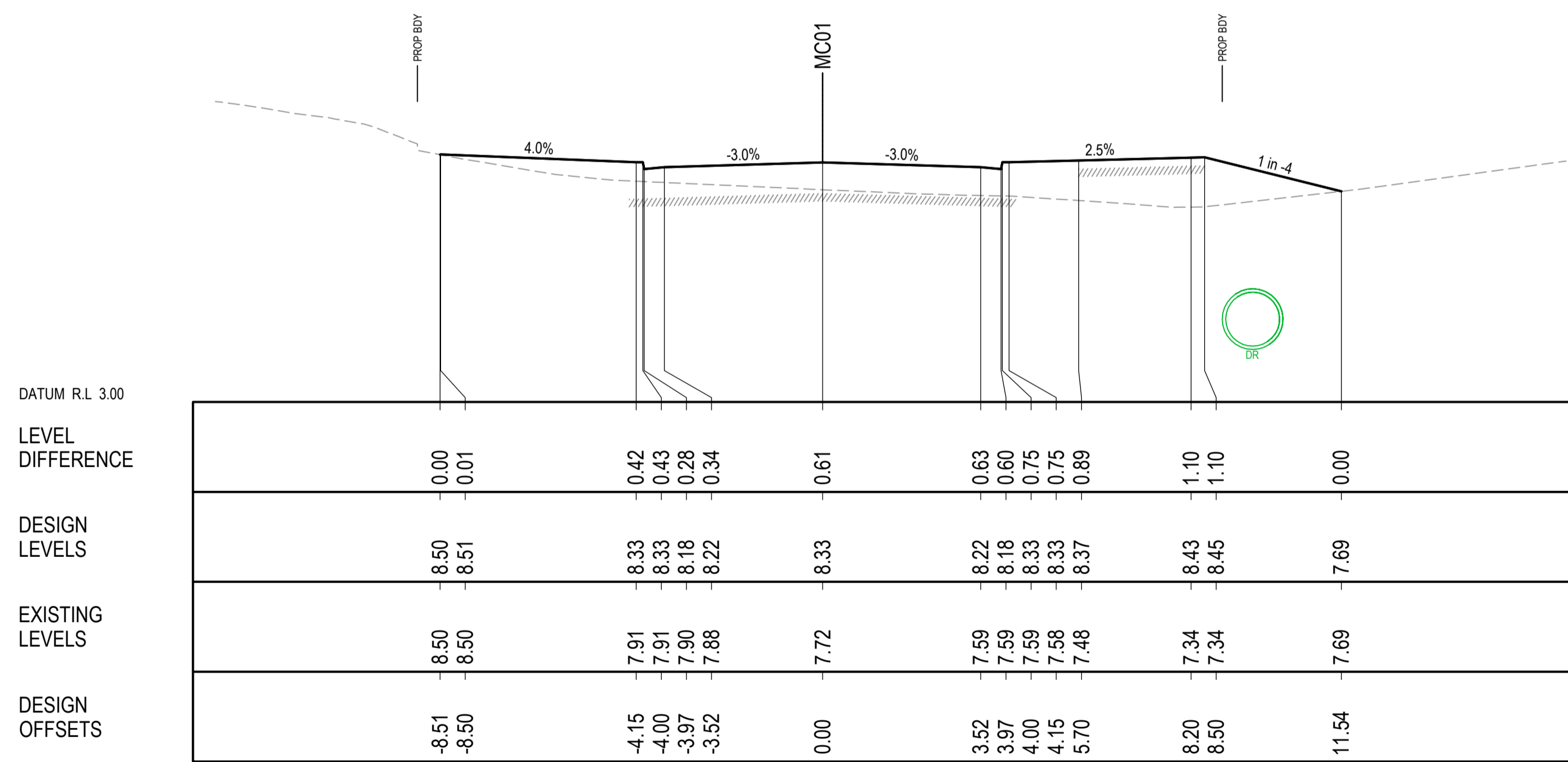
CH 420



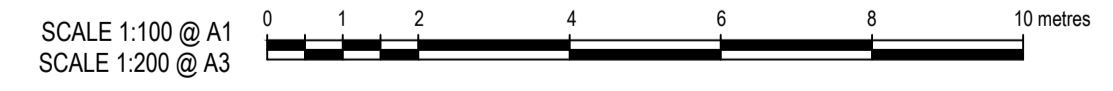
CH 430



CH 405



CH 420.83



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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON




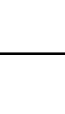
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|---|-------------|-----------|-------|------------|
| Drawing Title ROAD CROSS SECTIONS HONEY MYRTLE STREET (MC01) SHEET 26 | | | | |
| Drawn | Date | Scale | A1 | G.A. Check |
| JER | DEC 20 | 1:100 | | JPR |
| Designed | Project No. | Dwg. No. | Issue | |
| BG | NSW202521 | DA105-126 | B | |

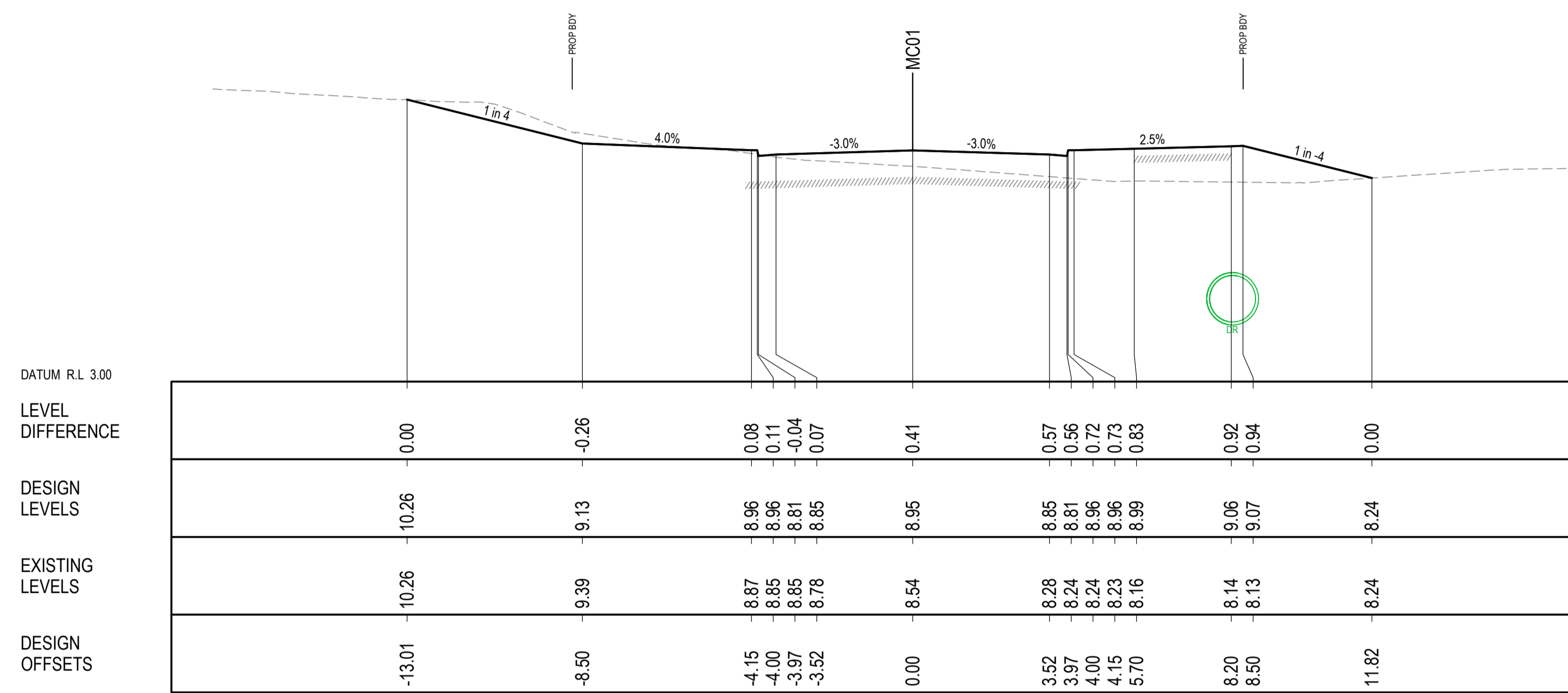
DO NOT REPRODUCE IN GREYSCALE



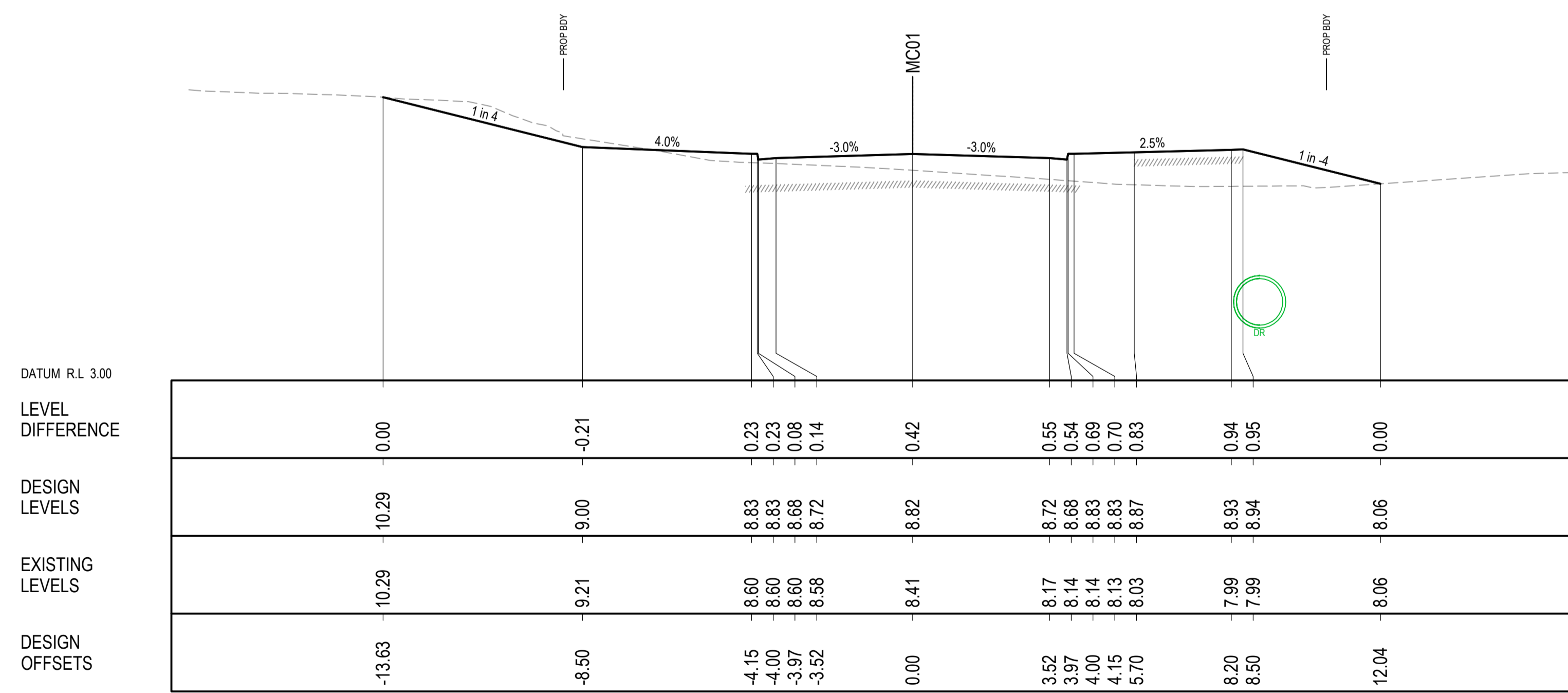
NOT FOR CONSTRUCTION

LEGEND

- DESIGN SURFACE
- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 455.033



CH 450

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| | | | | North |
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 28

| | | | | | |
|----------|-------------|-----------|----|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA105-128 | | B | |





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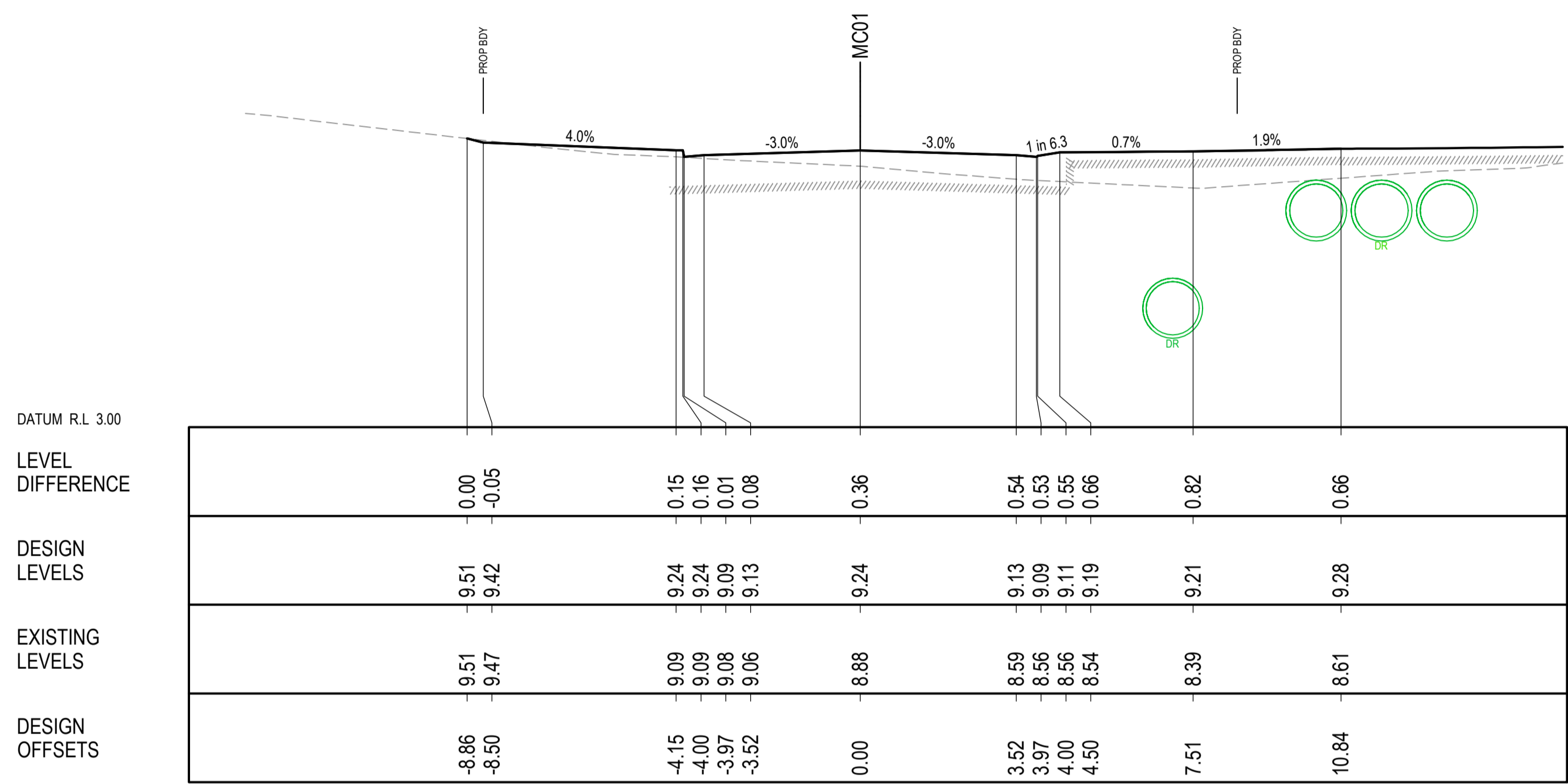
NOT FOR CONSTRUCTION



1:100 @ A1 Scale 1:200 @ A3

LEGEND

- DESIGN SURFACE
- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 465



CH 460

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-129 | B | | |




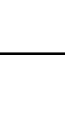
DO NOT REPRODUCE IN GREYSCALE



NOT FOR CONSTRUCTION

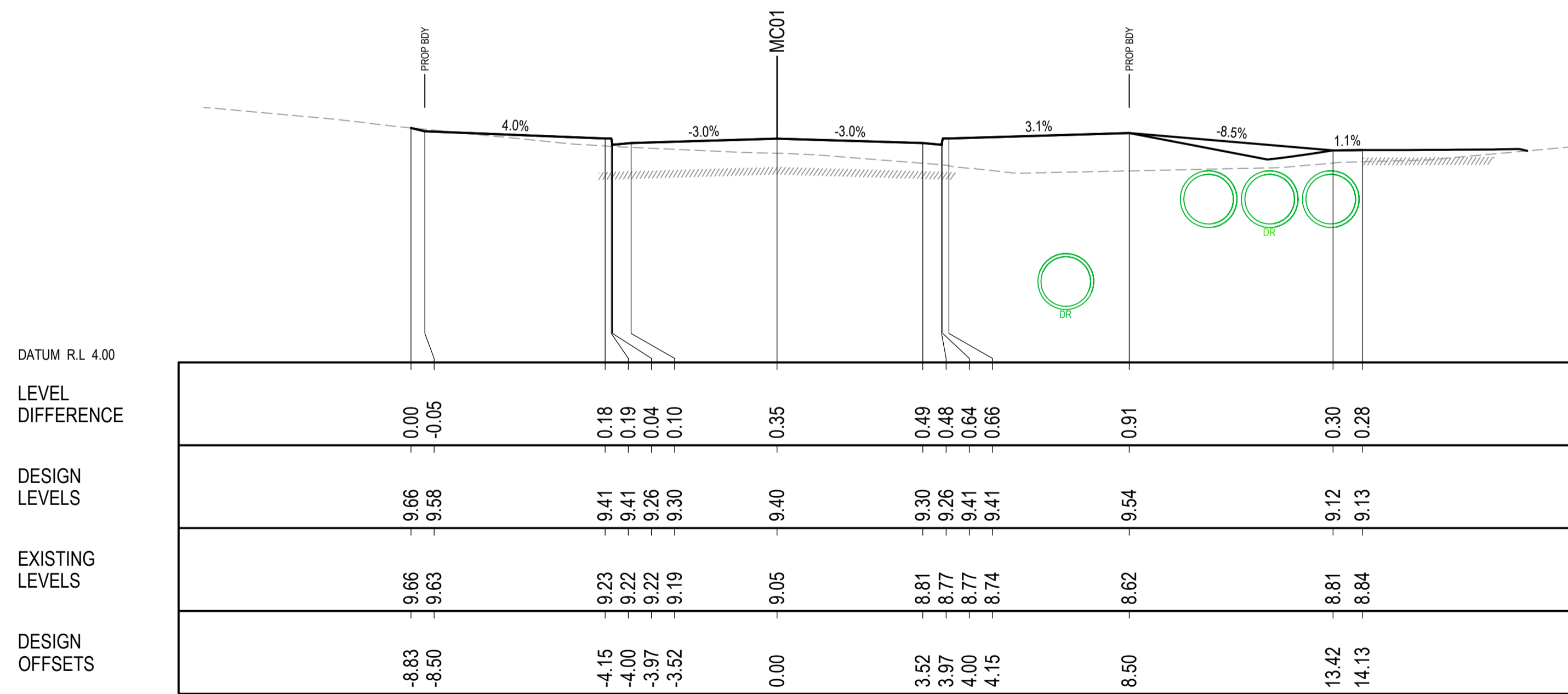
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LEGEND

- DESIGN SURFACE
- - - - - EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 470.83



CH 470

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

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Project: **THORNTON STAGE 2 DEVELOPMENT**
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title:
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MC01)
SHEET 30**

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
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| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-130 | B | | |

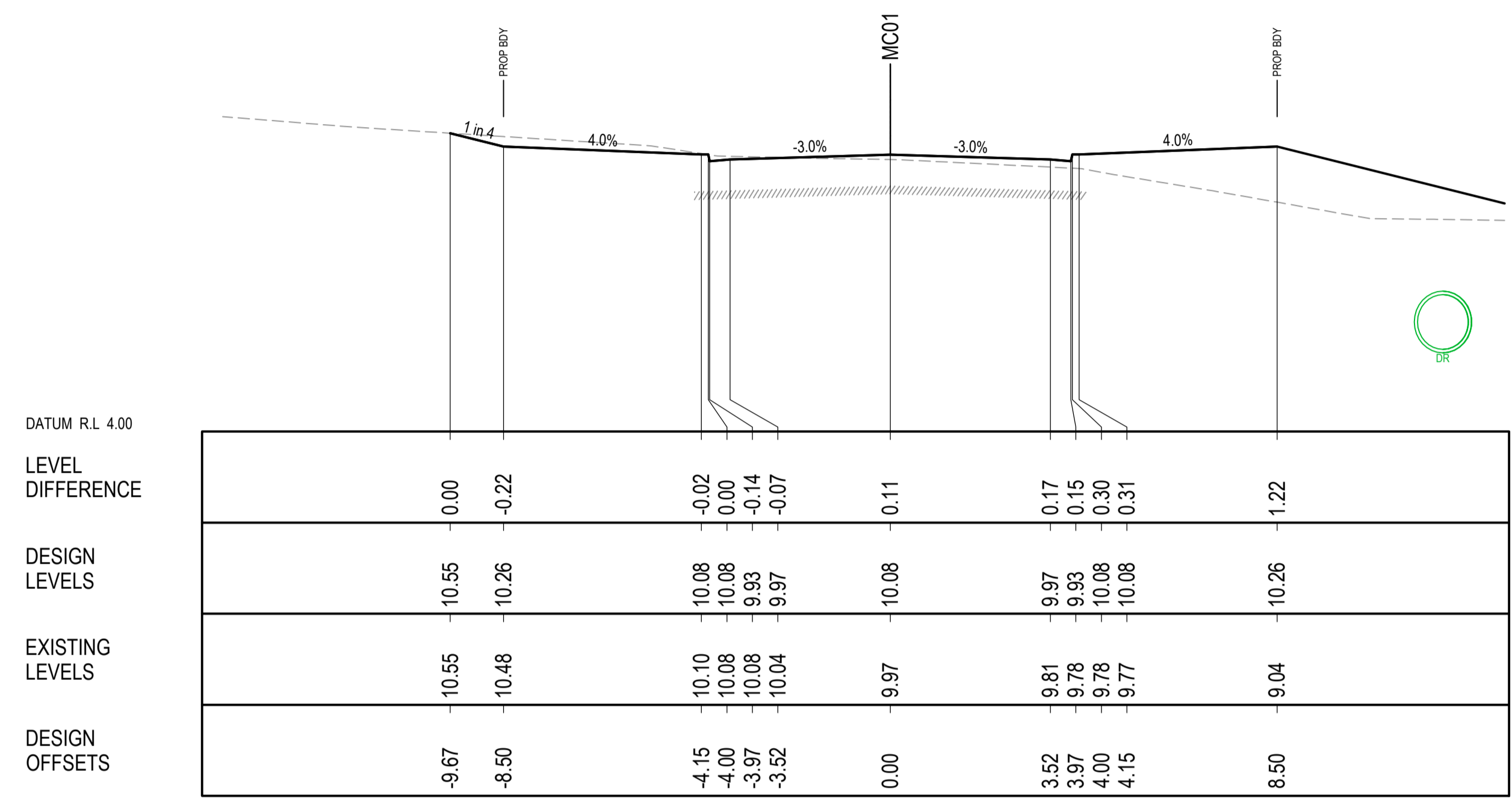
DO NOT REPRODUCE IN GREYSCALE

NOT FOR CONSTRUCTION

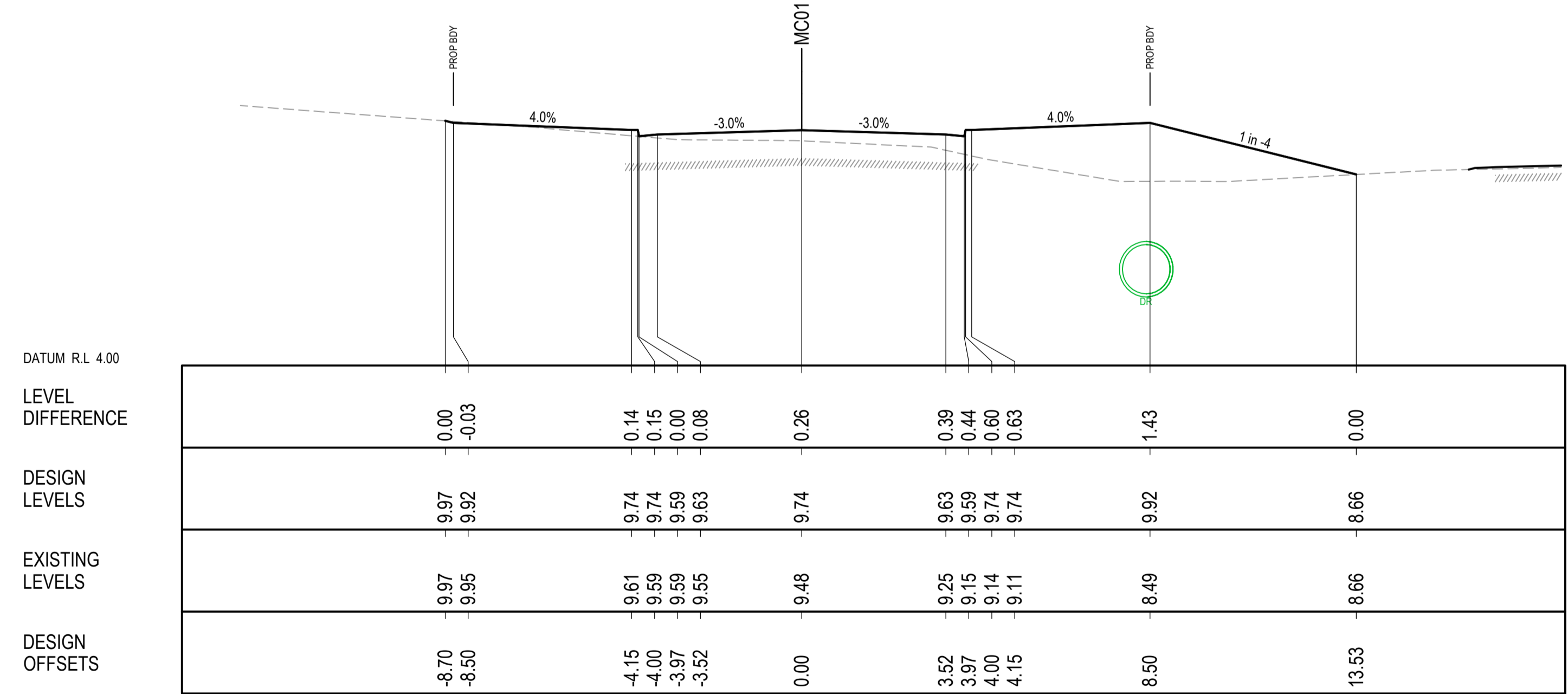


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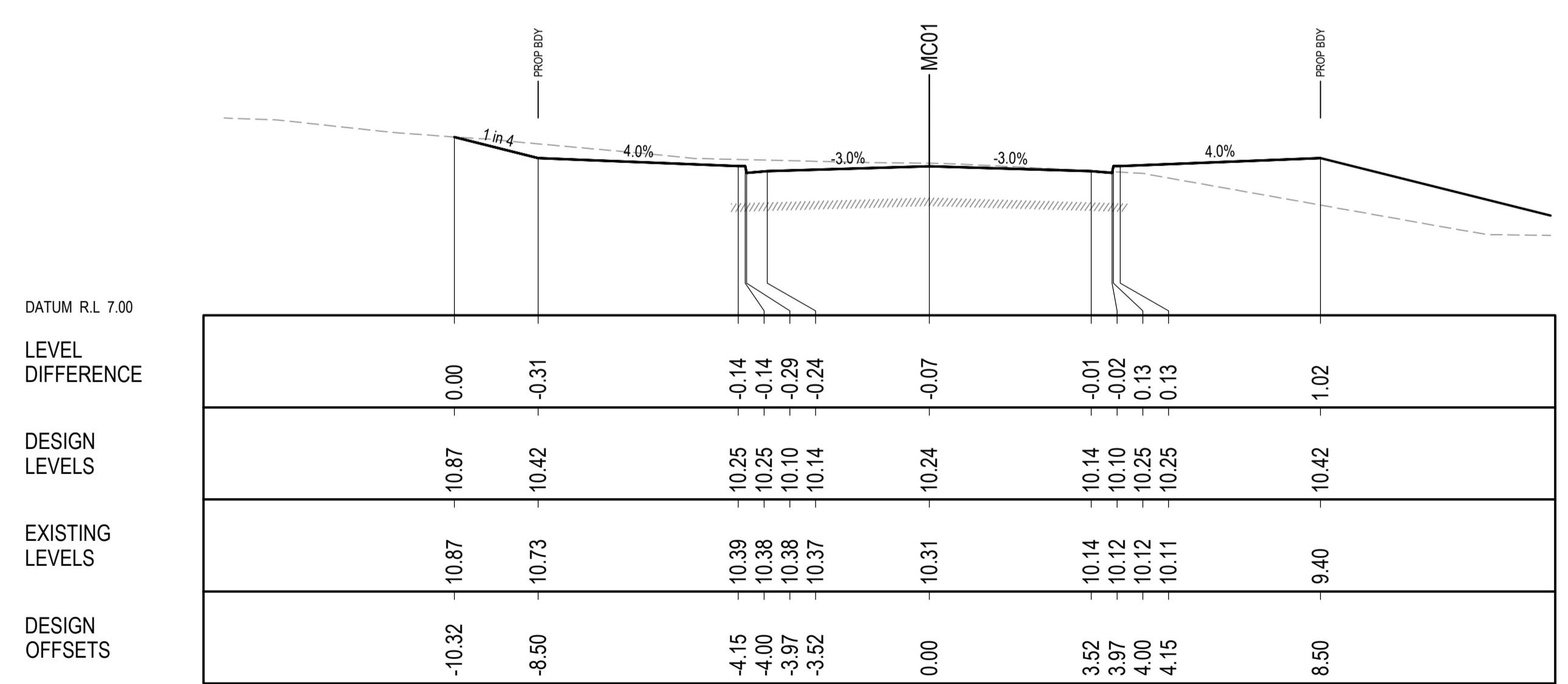
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 490



CH 480



CH 495

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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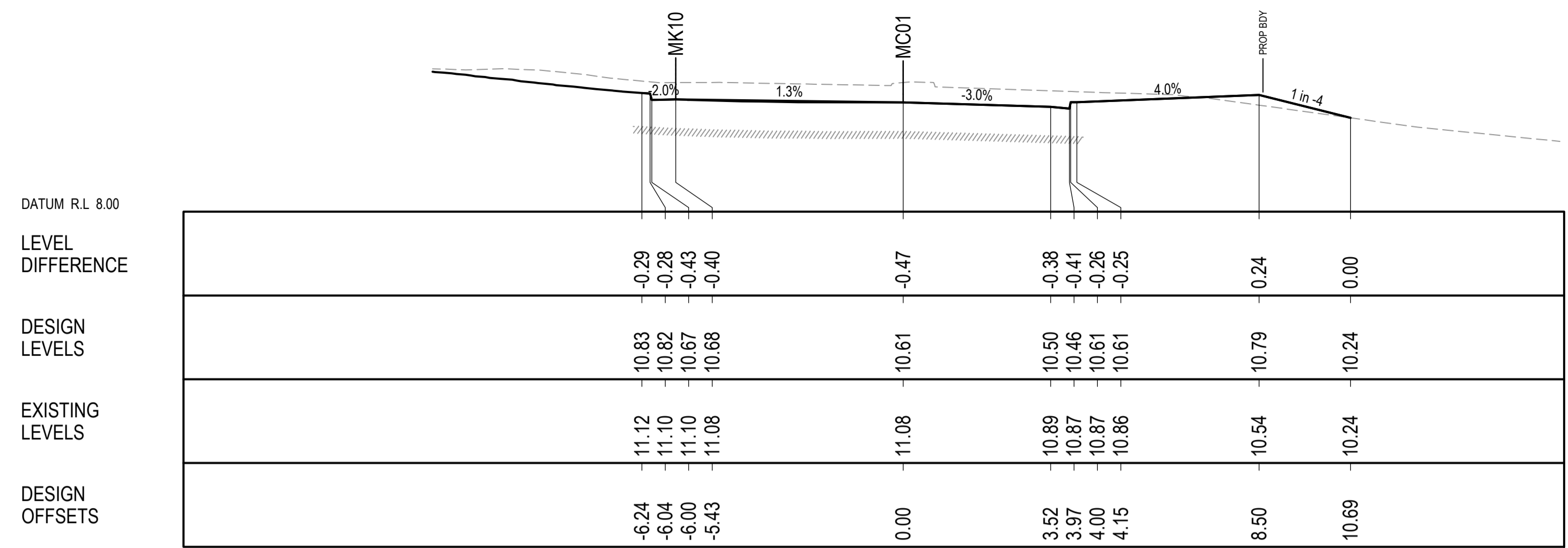
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
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| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-131 | B | | |

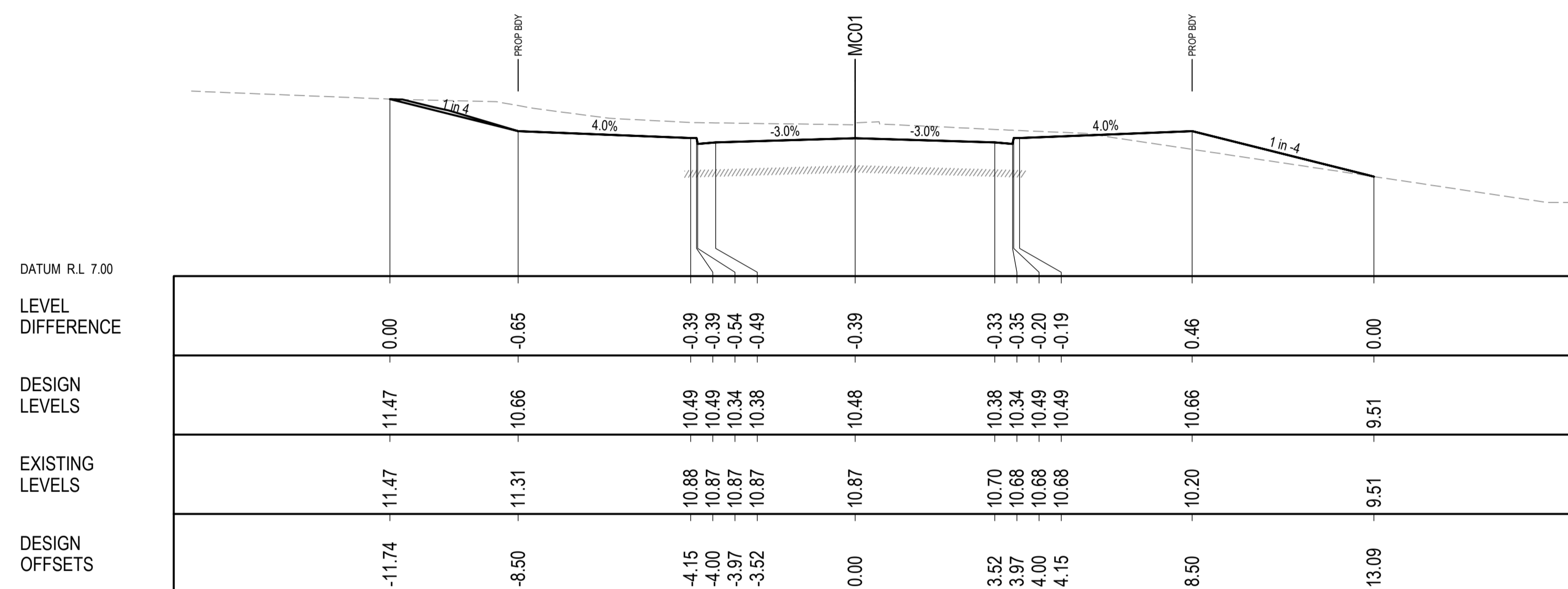
DO NOT REPRODUCE IN GREYSCALE NOT FOR CONSTRUCTION

15/01/2022 2:07 PM

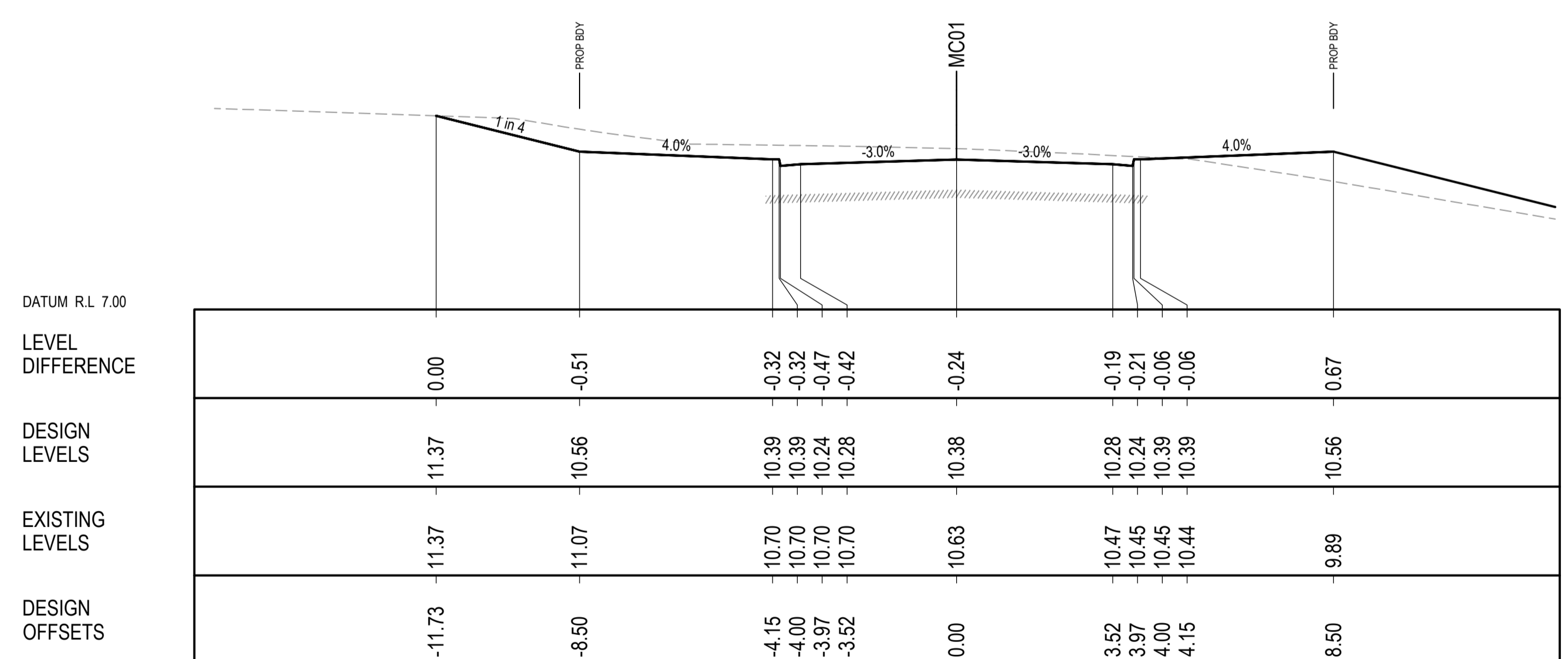
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|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



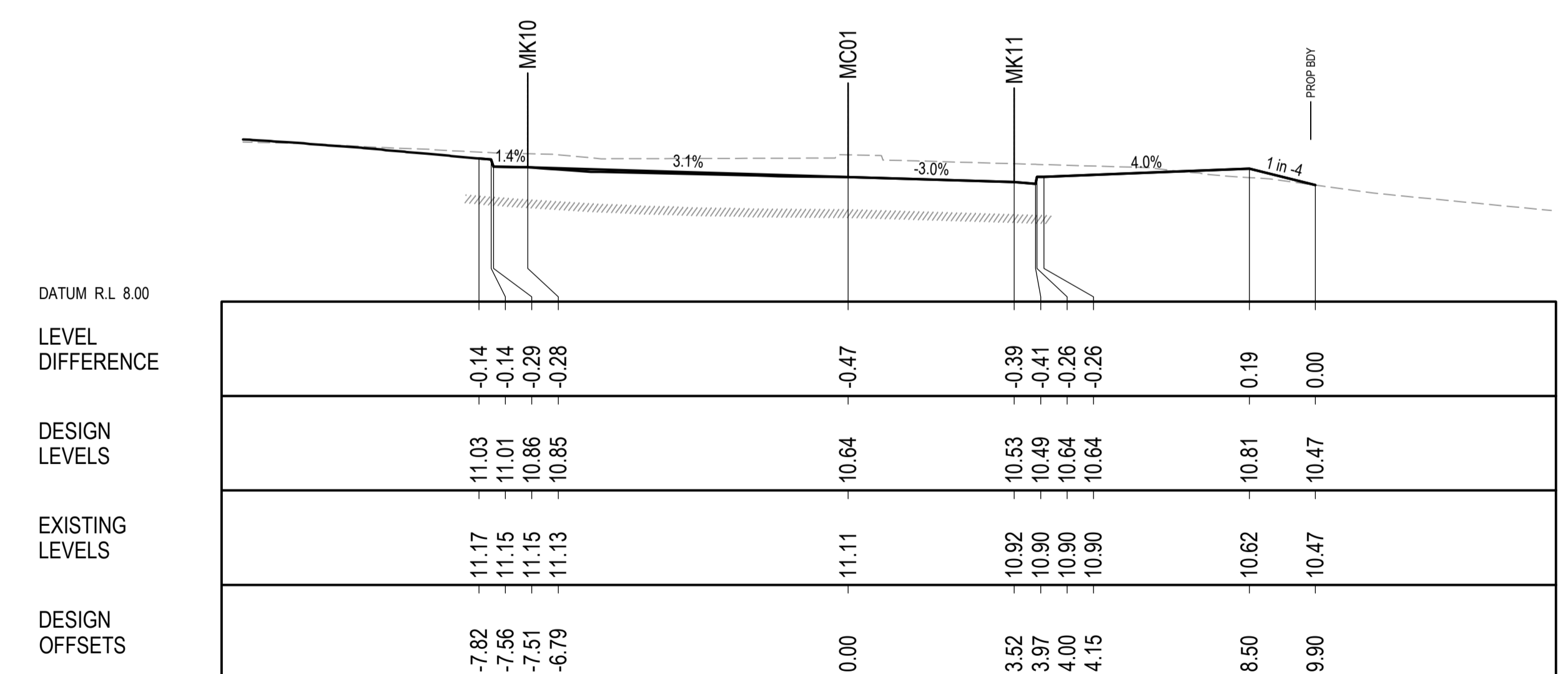
CH 510



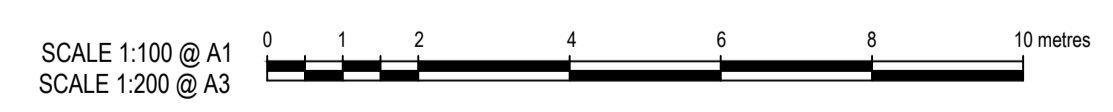
CH 504.002



CH 500



CH 511.55



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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
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| BG | NSW202521 | DA105-132 | B | | |







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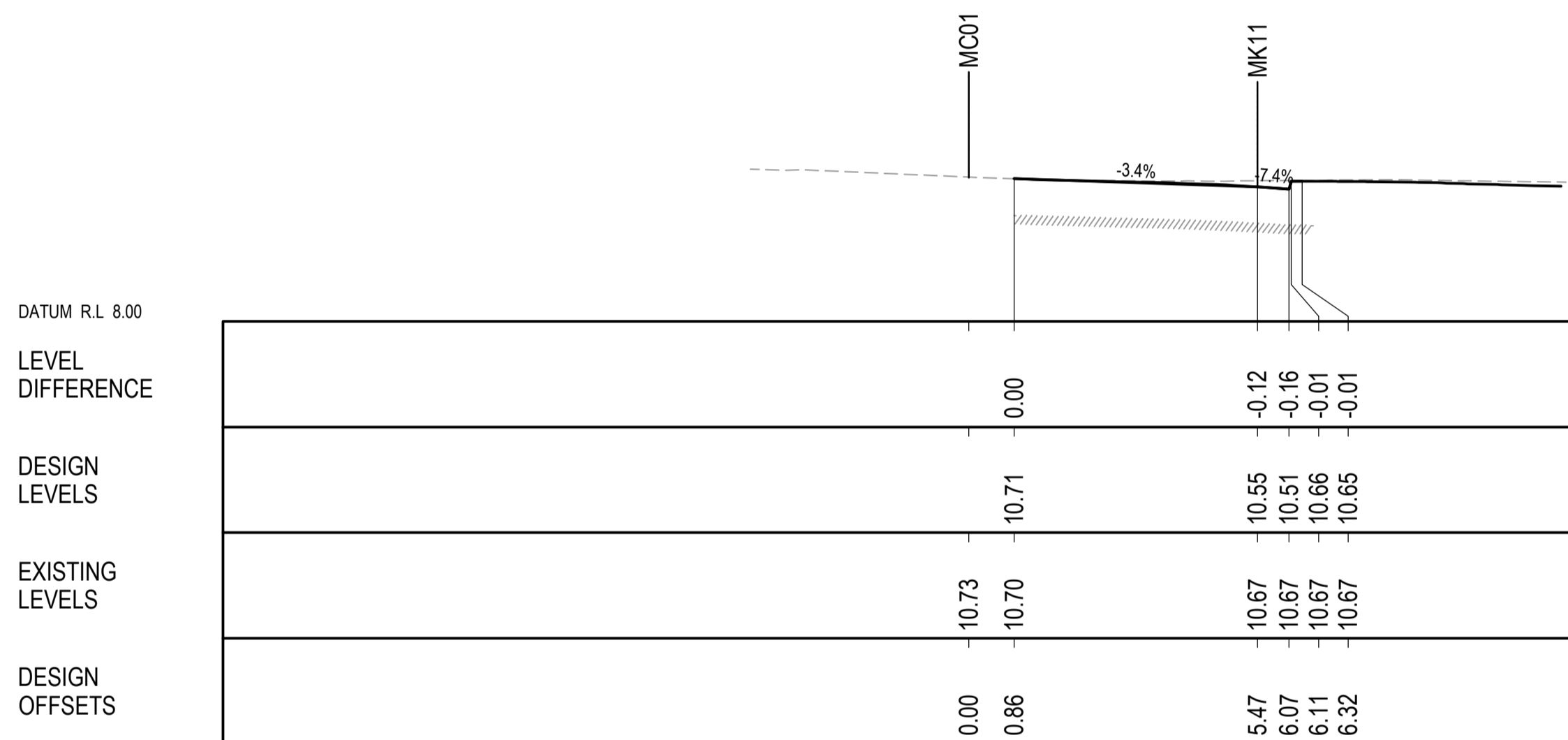


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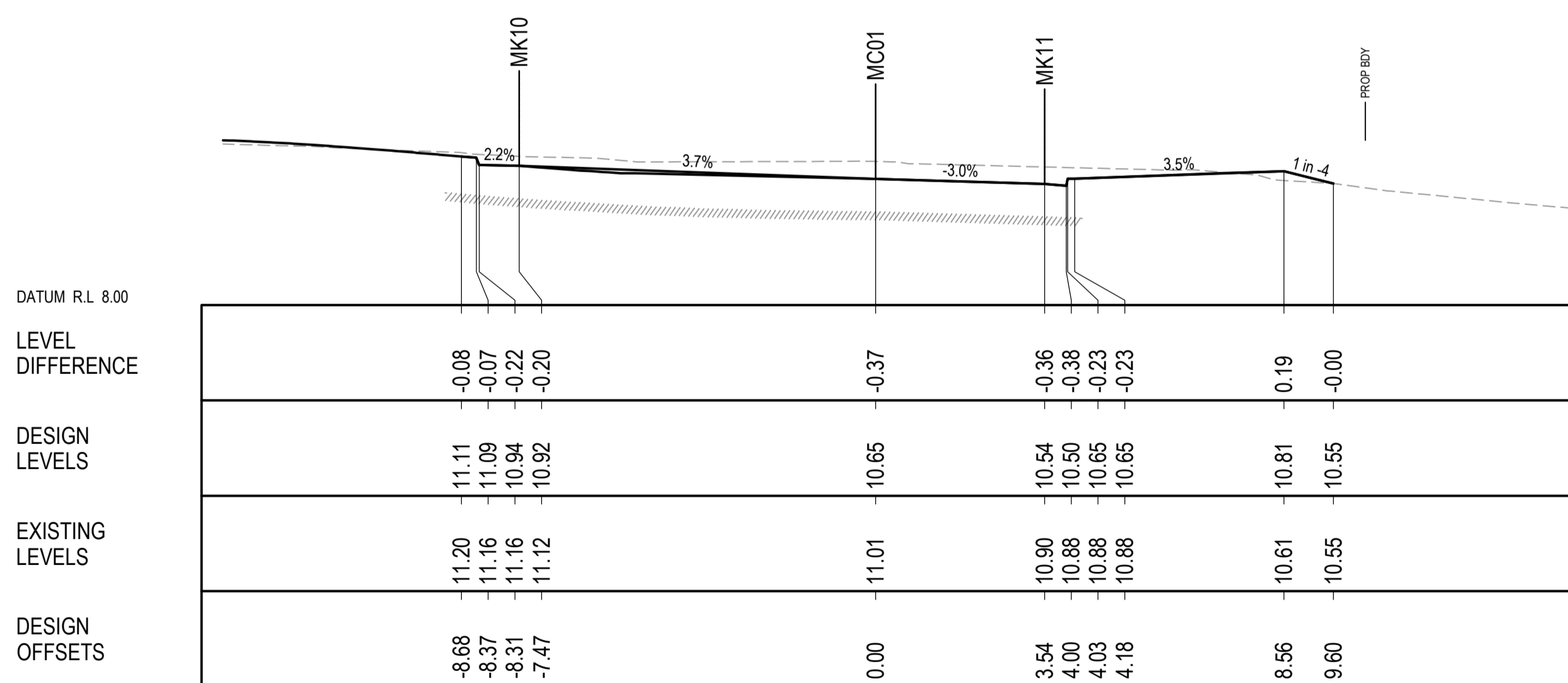
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LEGEND

-  DESIGN SURFACE
-  EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 516.856



CH 512.13

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| Issue | Description | Date | Drawn | Approved | |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
**ROAD CROSS SECTIONS
HONEY MYRTLE STREET (MCO1)
SHEET 33**

| | | | | | |
|----------|-------------|-----------|----|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
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| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA105-133 | | B | |

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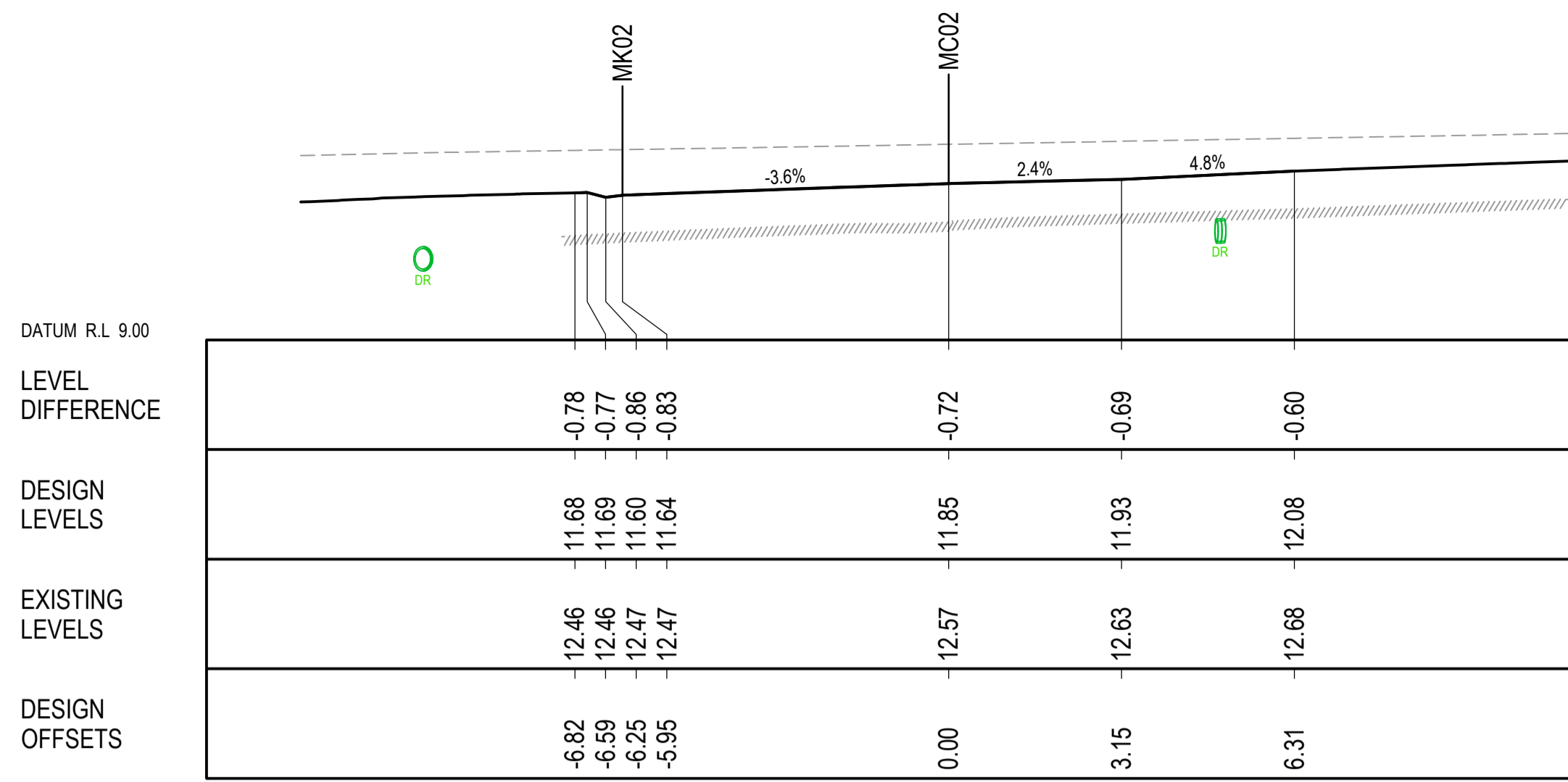


NOT FOR CONSTRUCTION

1:100 - 530 Raymond Terrace Road, Thornton NSW 2300

LEGEND

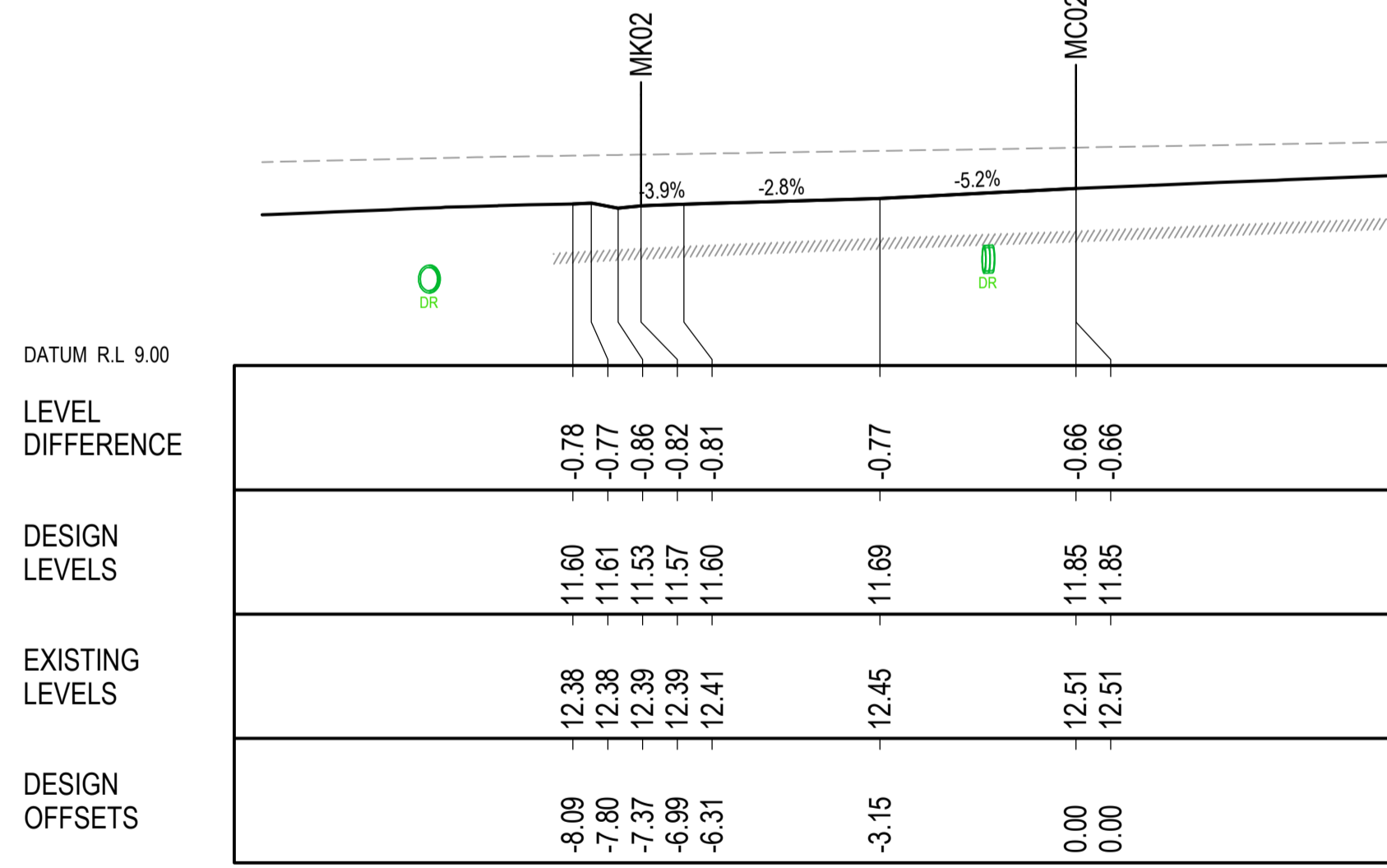
- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



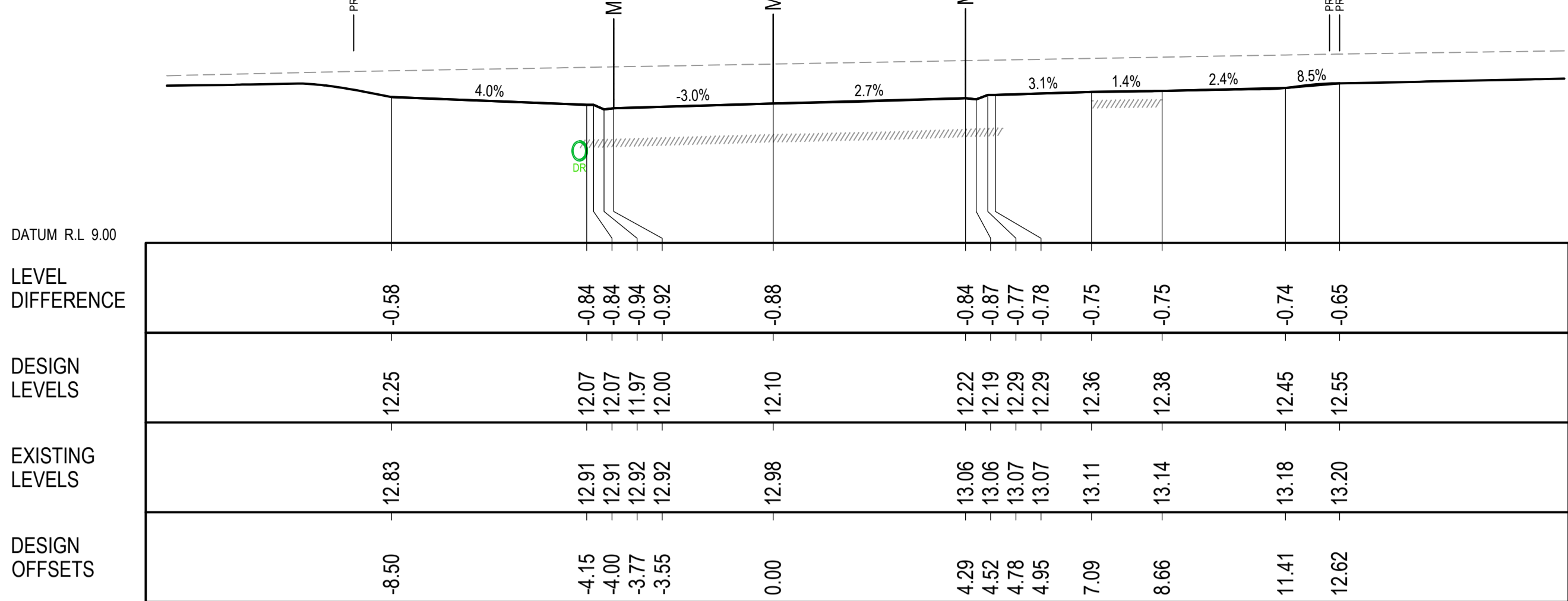
CH 4.496



CH 4.041



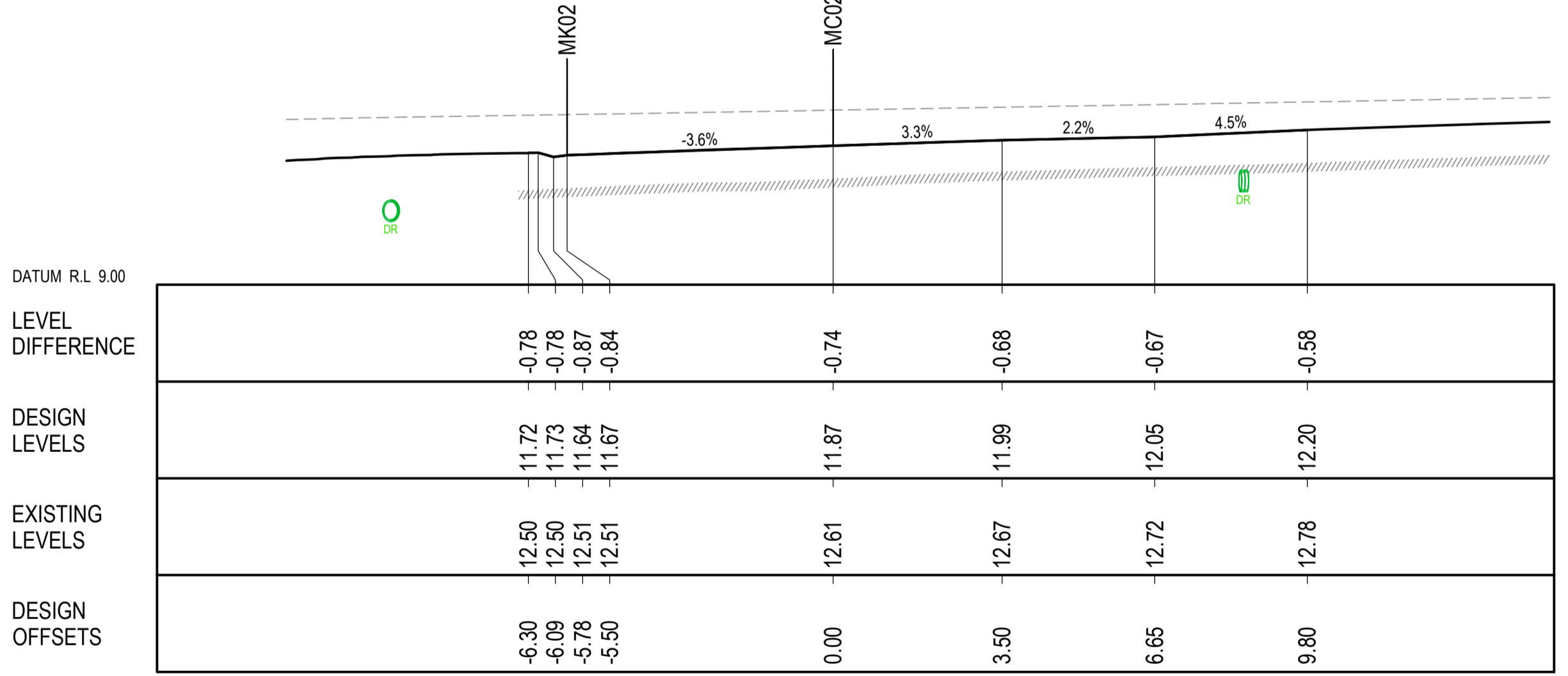
CH 3.587



CH 10.394



CH 10



CH 5

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER JPR |
| Issue | Description | Date | Drawn / Approved |

Client: **LANDLINK PTY LTD**



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Level 1, 54 Union Street
Cooks Hill, Newcastle NSW 2300
T +61 2 4926 4811

Project: **THORNTON STAGE 2 DEVELOPMENT**
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title: **ROAD CROSS SECTIONS (MC02) SHEET 1**

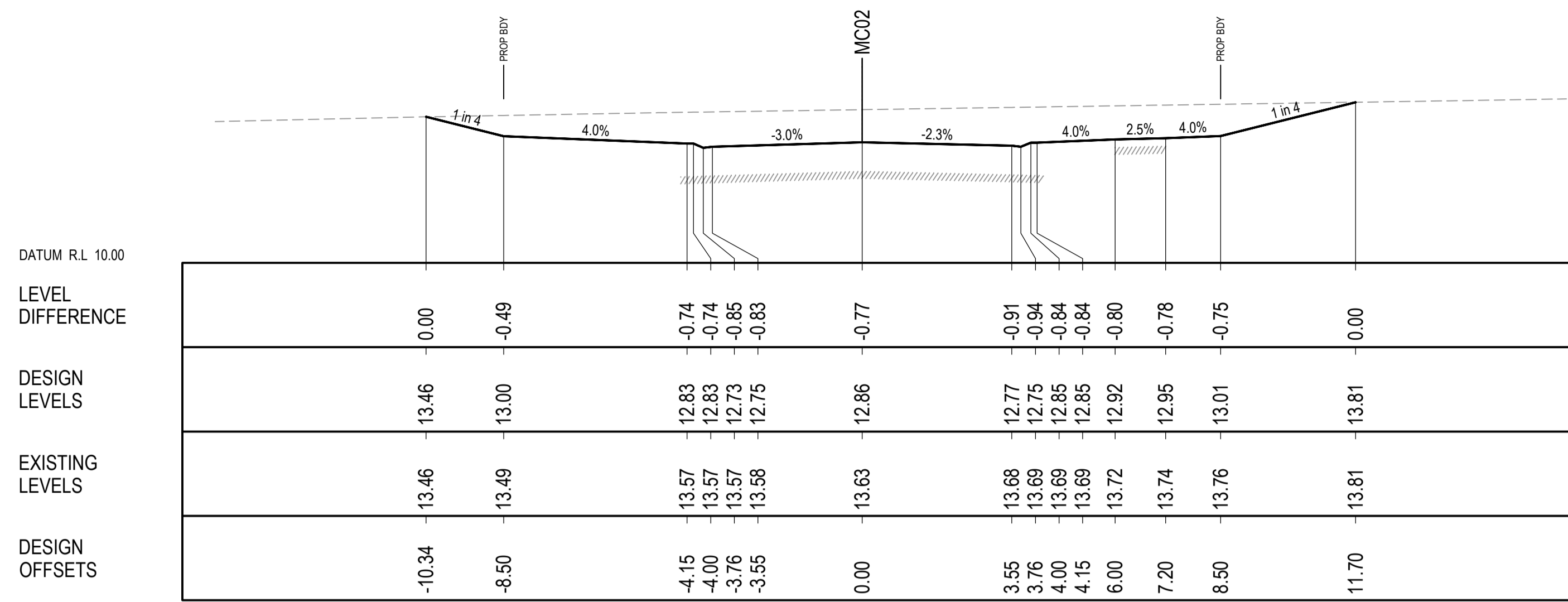
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| Drawn: JER | Date: DEC 20 | Scale: 1:100 | A1 | G.A. Check: JPR | Date: 16.05.22 |
| Designed: BG | Project No: NSW202521 | Dwg. No: DA105-201 | | Issue: B | |

DO NOT REPRODUCE IN GREYSCALE

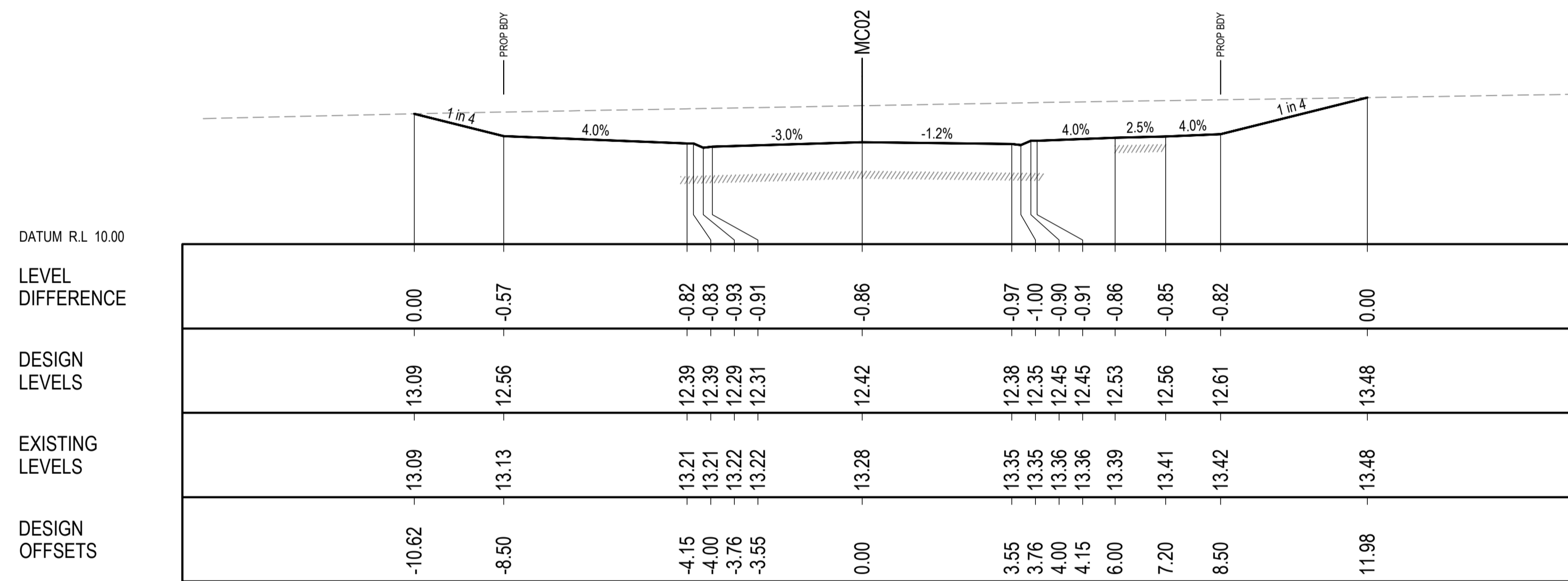
NOT FOR CONSTRUCTION

1501-001-01-Rev001-20220516-11:00:00-AM-11/2022-2:07 PM

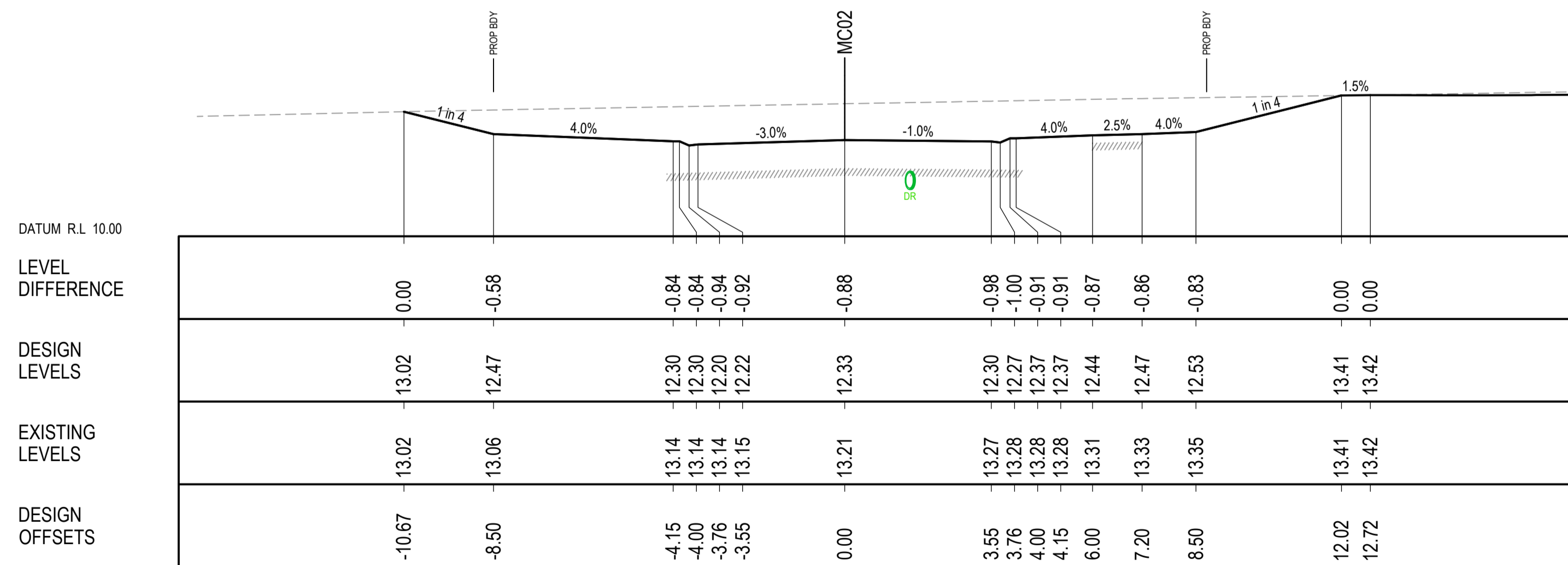
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 20.46



CH 15



CH 13.844

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS (MC02)
SHEET 2

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-202 | B | | |

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1:100 @ 530 Raymond Terrace Newcastle NSW 2300

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS

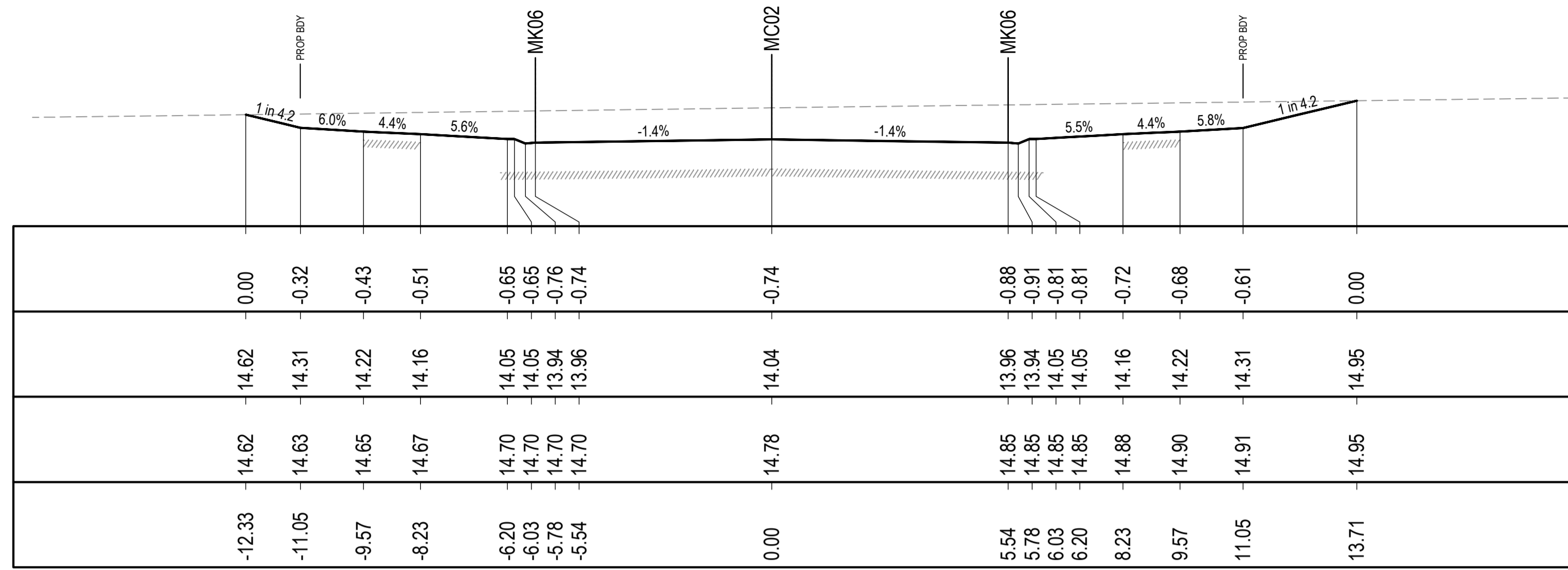
DATUM R.L 12.00

LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS



CH 40

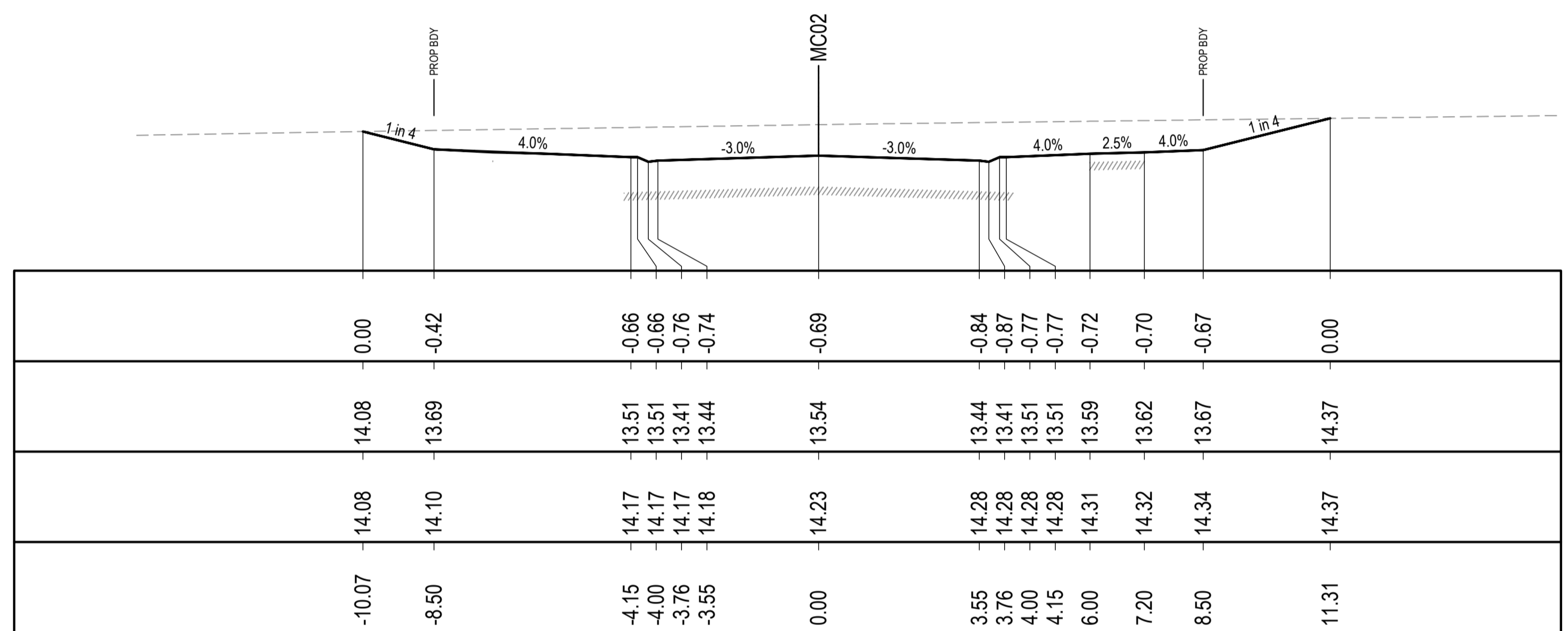
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LEVEL DIFFERENCE

DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS



CH 30.23

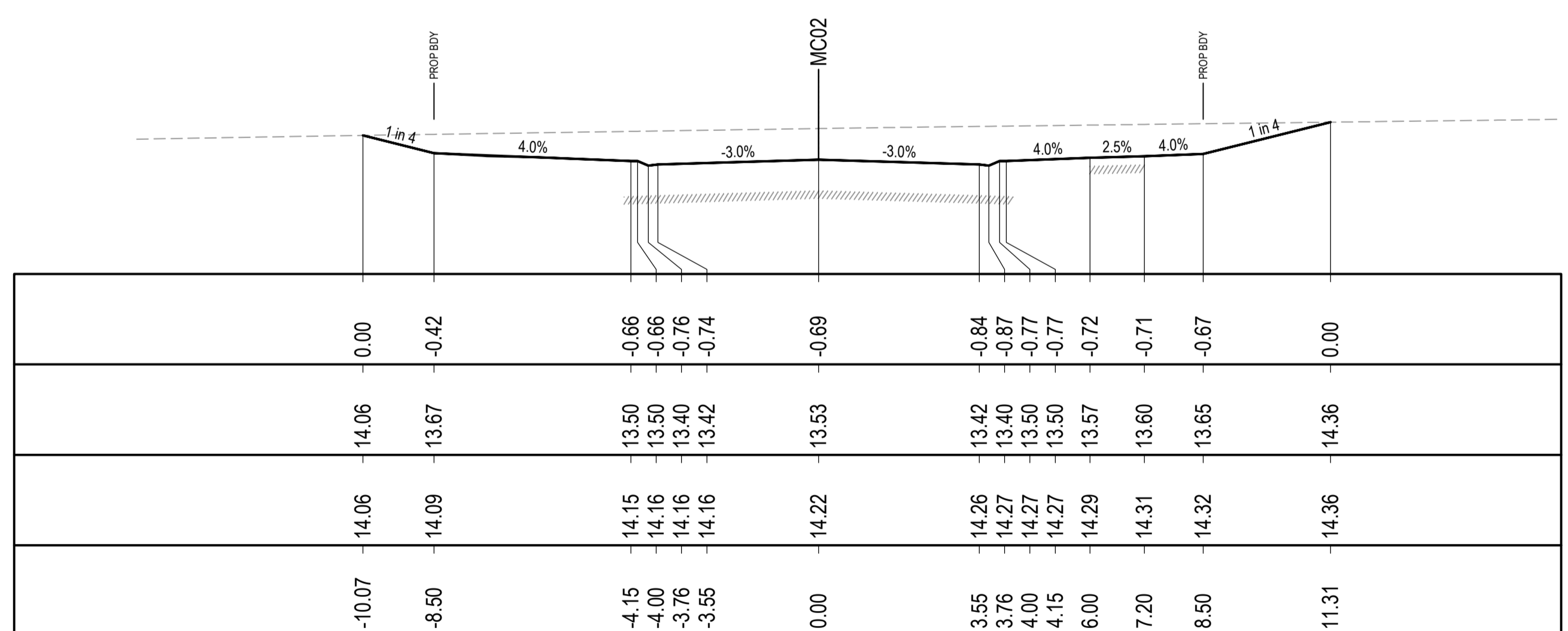
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LEVEL DIFFERENCE

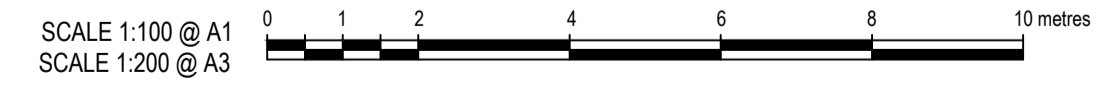
DESIGN LEVELS

EXISTING LEVELS

DESIGN OFFSETS



CH 30



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| Issue | Description | Date | Drawn / Approved |

Client: **LANDLINK PTY LTD**



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Cooks Hill, Newcastle NSW 2300
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Project: **THORNTON STAGE 2 DEVELOPMENT**
530 RAYMOND TERRACE ROAD
THORNTON

| | | | | | |
|---|-----------------------|--------------------|----------|-----------------|----------------|
| Drawing Title: ROAD CROSS SECTIONS (MCO2) SHEET 3 | | Scale: 1:100 | | Date: 16.05.22 | |
| Drawn: JER | Date: DEC 20 | Scale: 1:100 | A1 | G.A. Check: JPR | Date: 16.05.22 |
| Designed: BG | Project No: NSW202521 | Dwg. No: DA105-203 | Issue: B | | |







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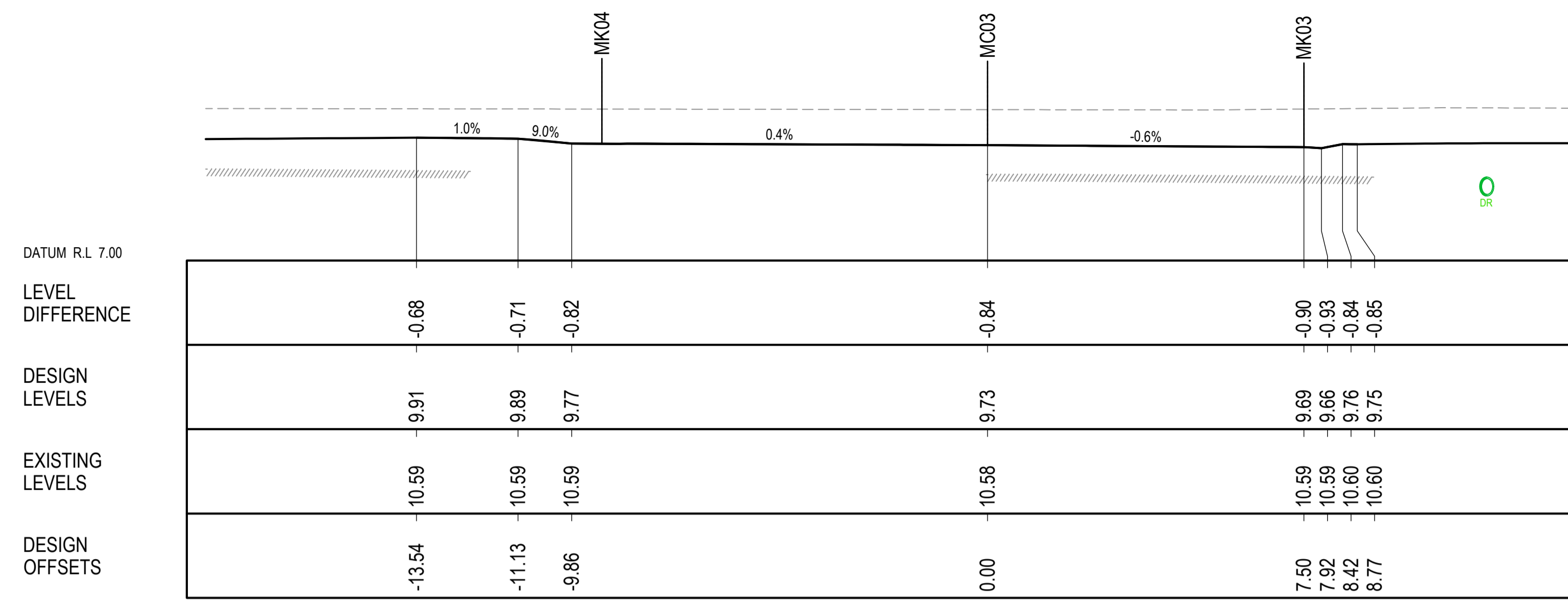
NOT FOR CONSTRUCTION



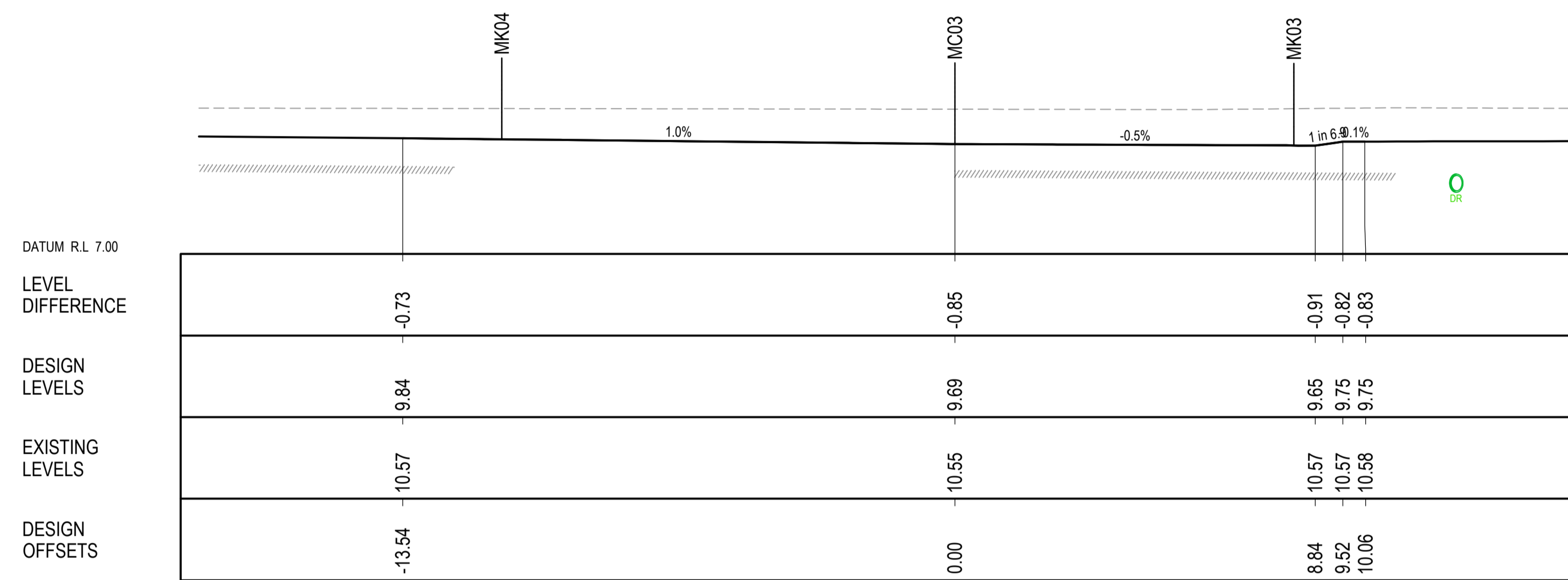
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LEGEND

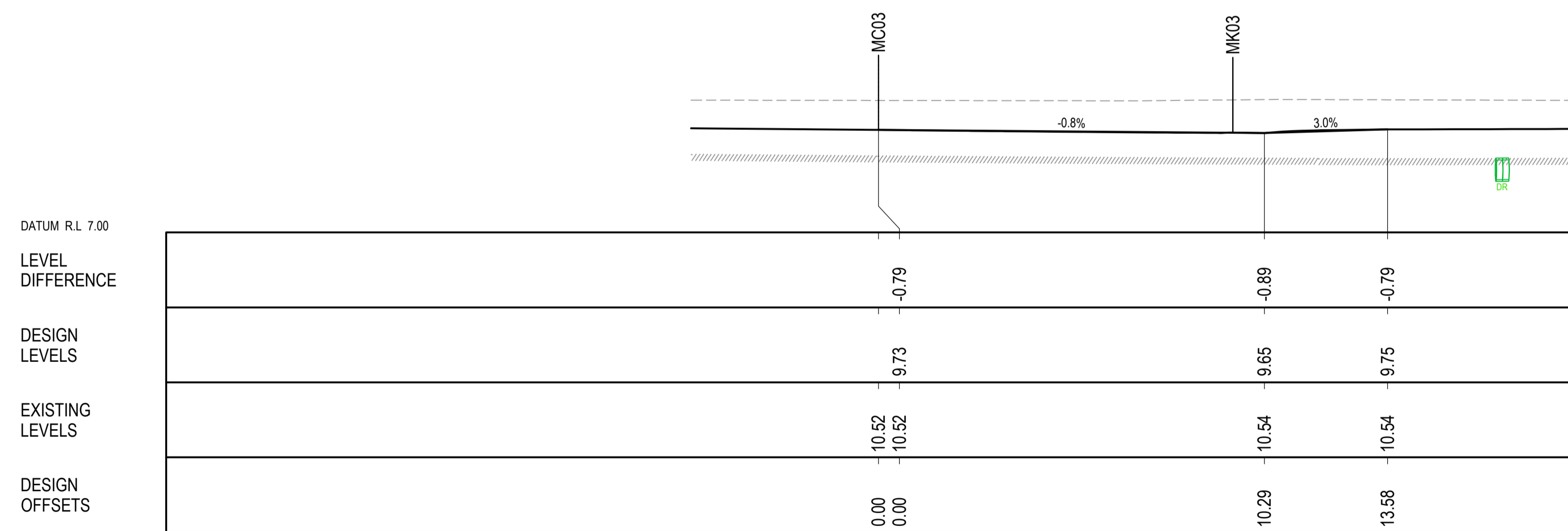
-  DESIGN SURFACE
-  EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 4.452



CH 4.002



CH 3.552

SCALE 1:100 @ A1
SCALE 1:200 @ A3



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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |
| Issue | Description | Date | Drawn | Approved |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS (MC03) SHEET 1

| | | | | | |
|----------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-301 | B | | |

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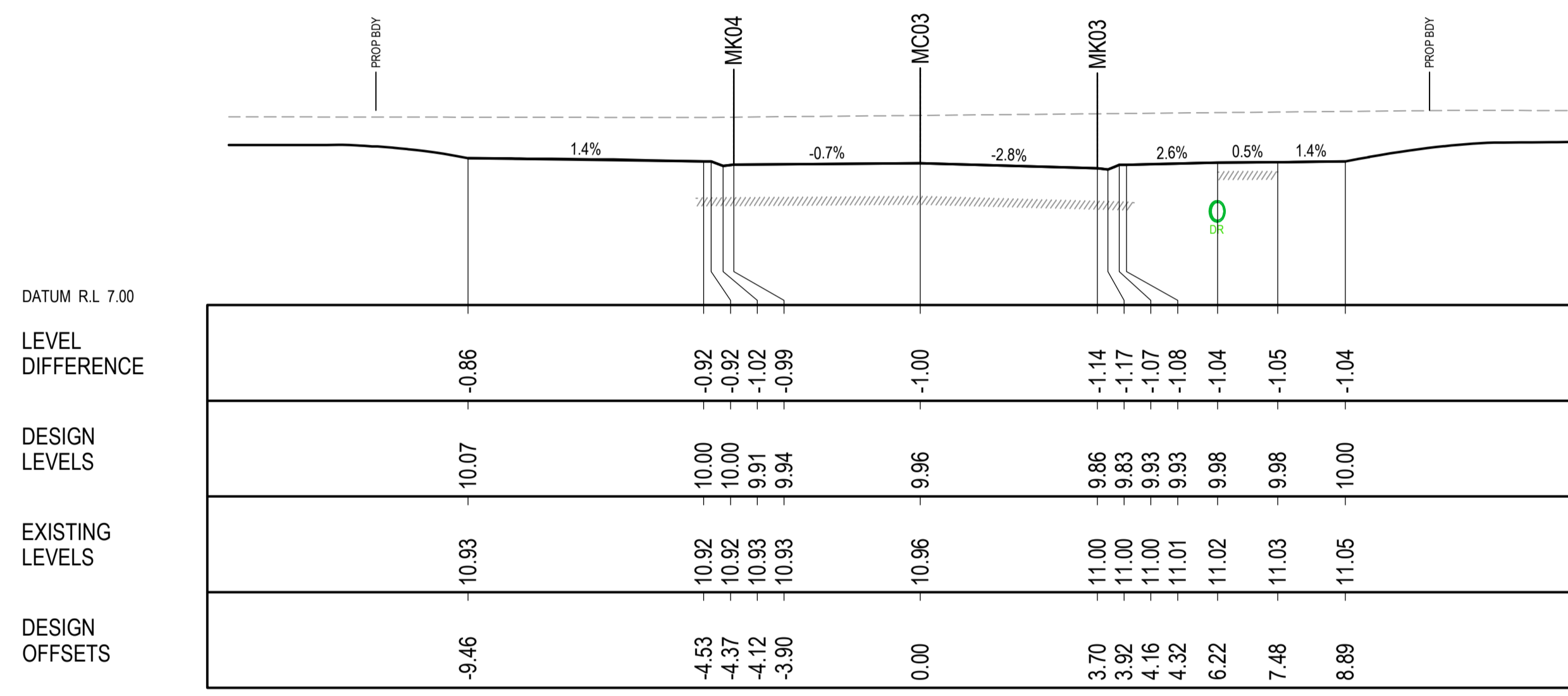


1:100 - 530 Raymond Terrace Road, Thornton NSW 2300 - 16.05.22 - 1:100 - 16.05.22

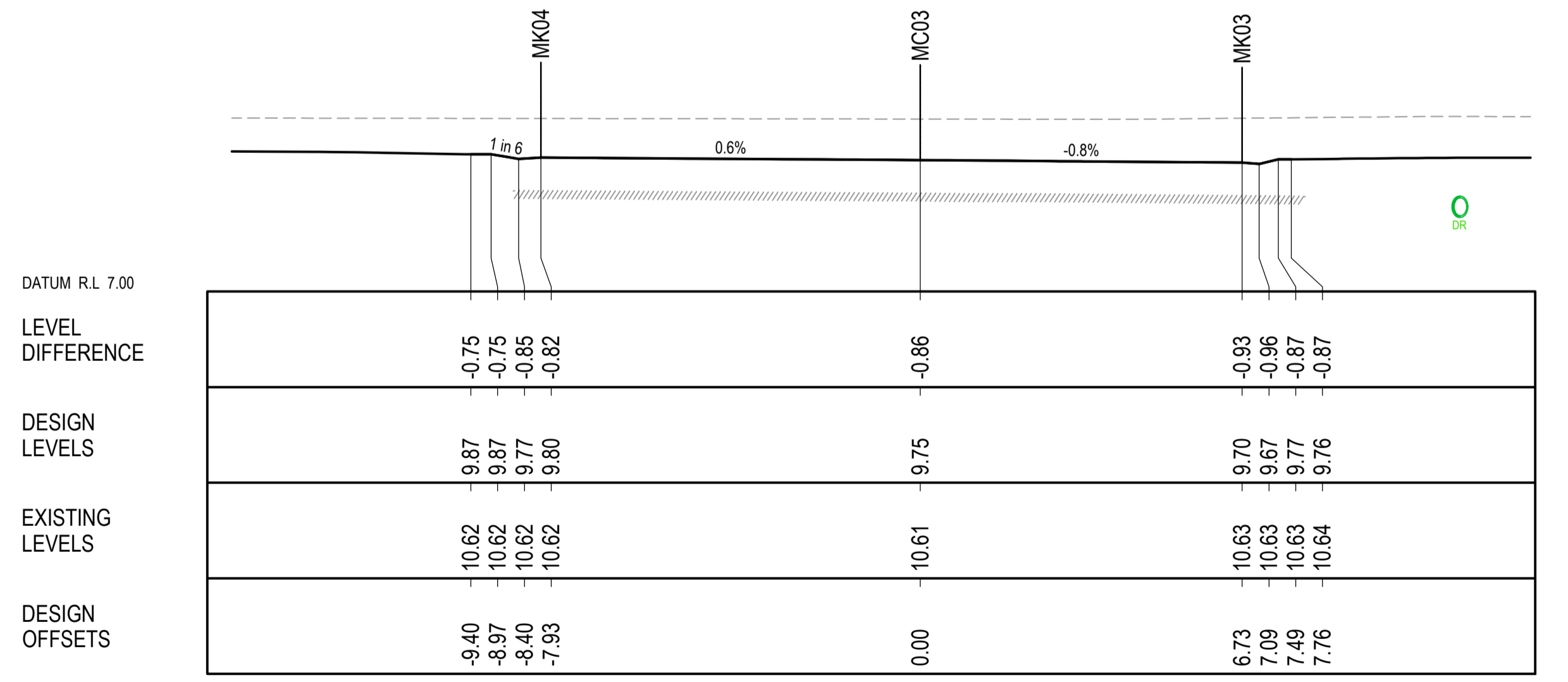
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



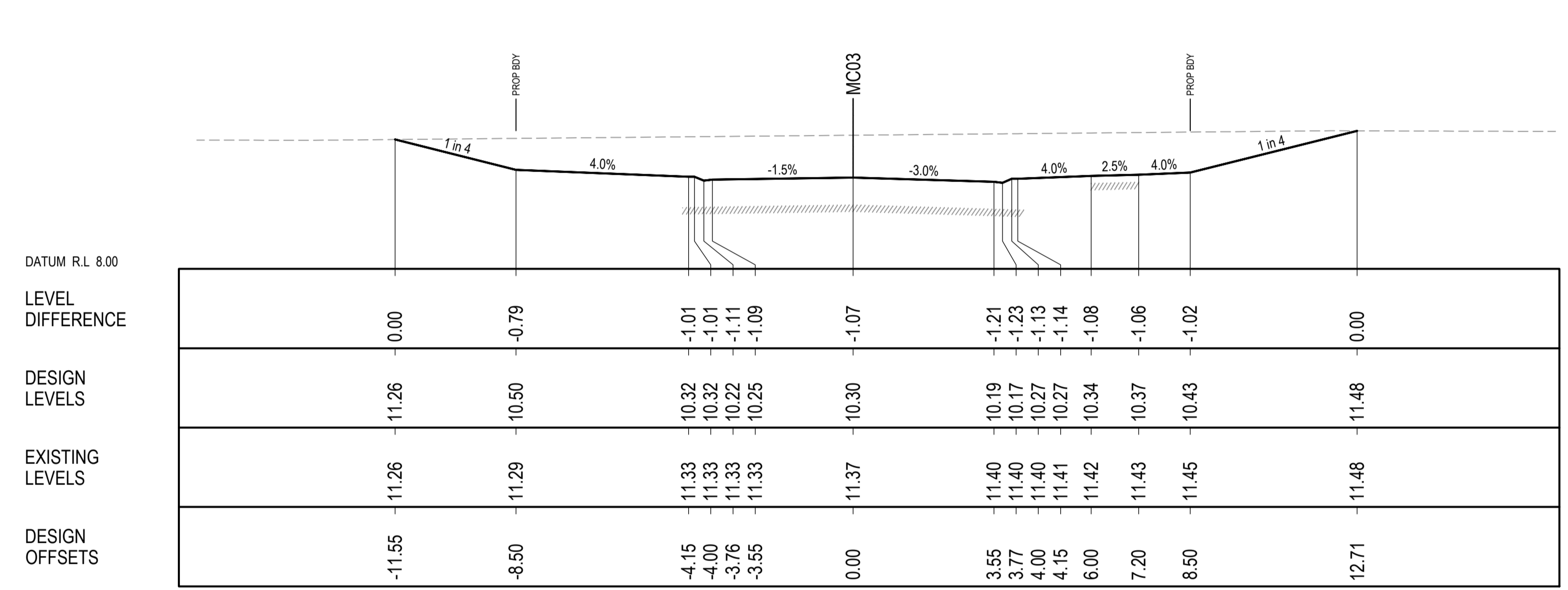
CH 11.608



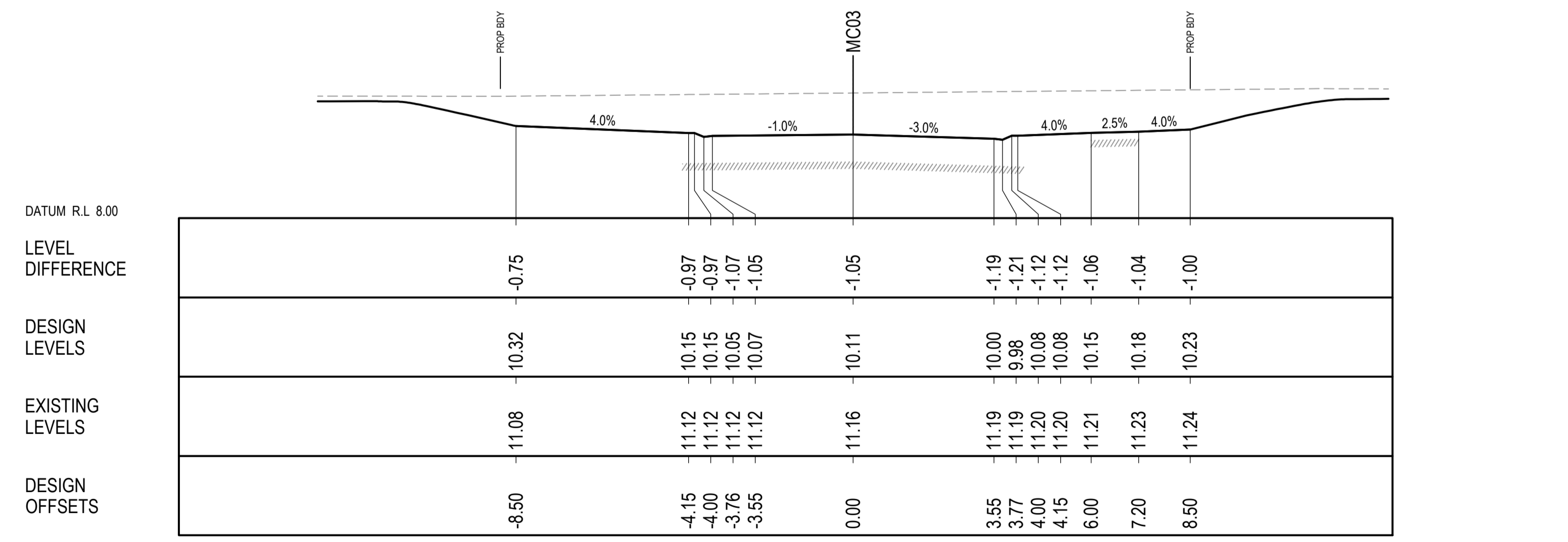
CH 10



CH 5



CH 15



CH 12.406

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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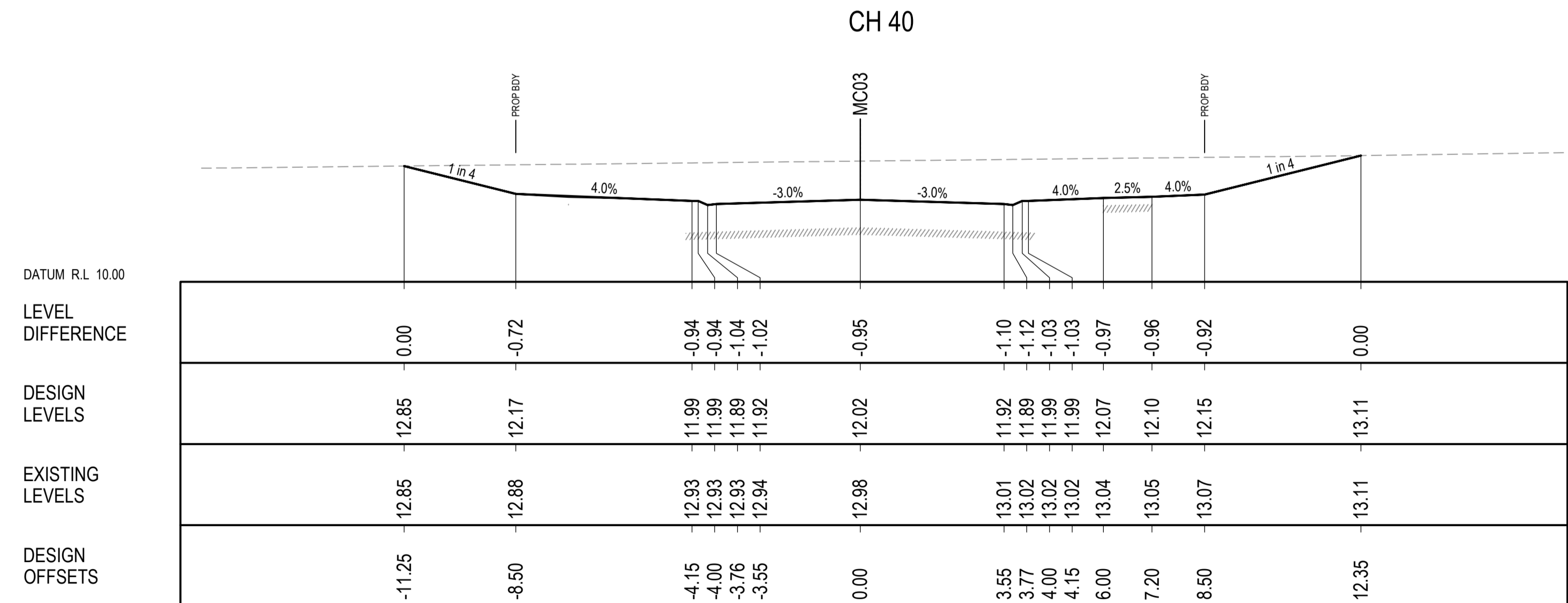
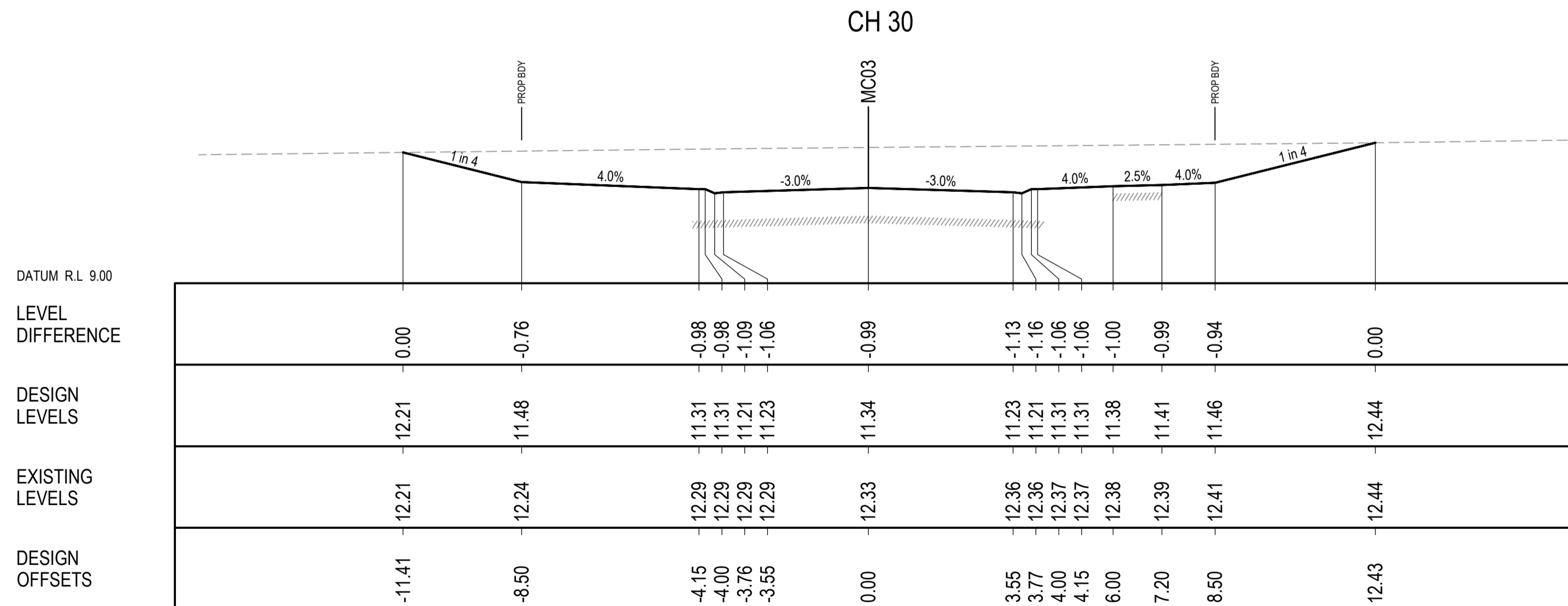
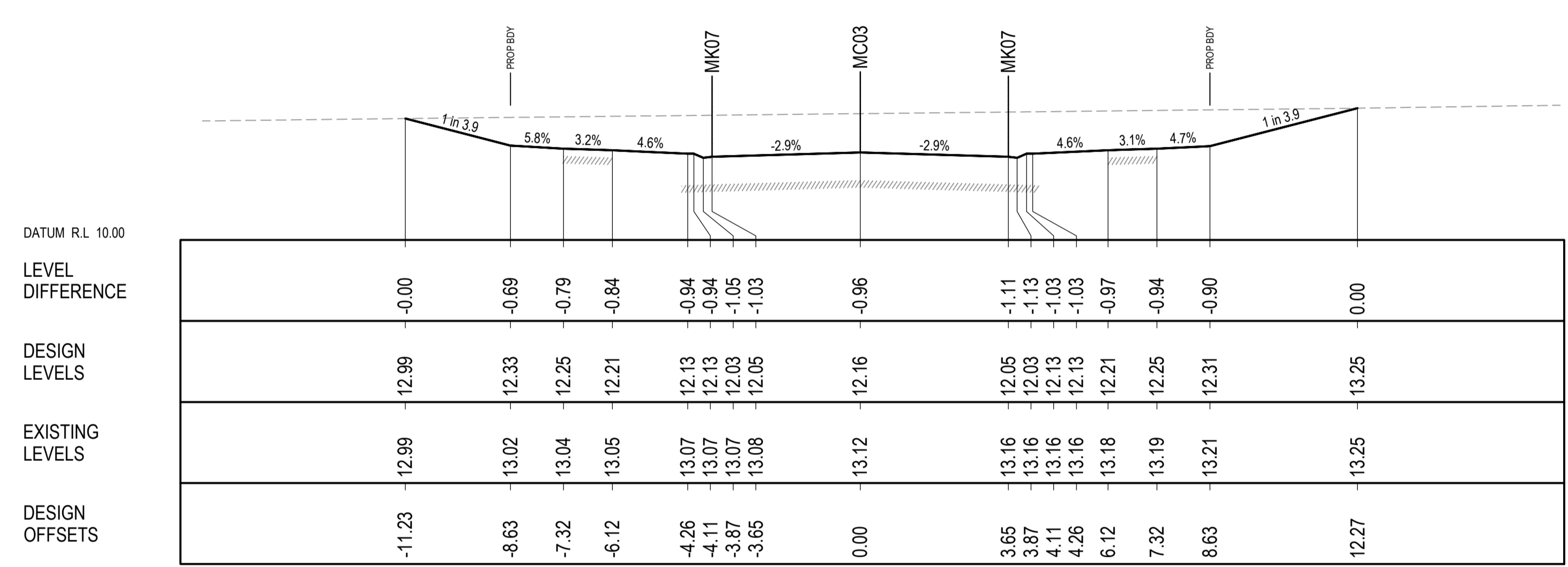
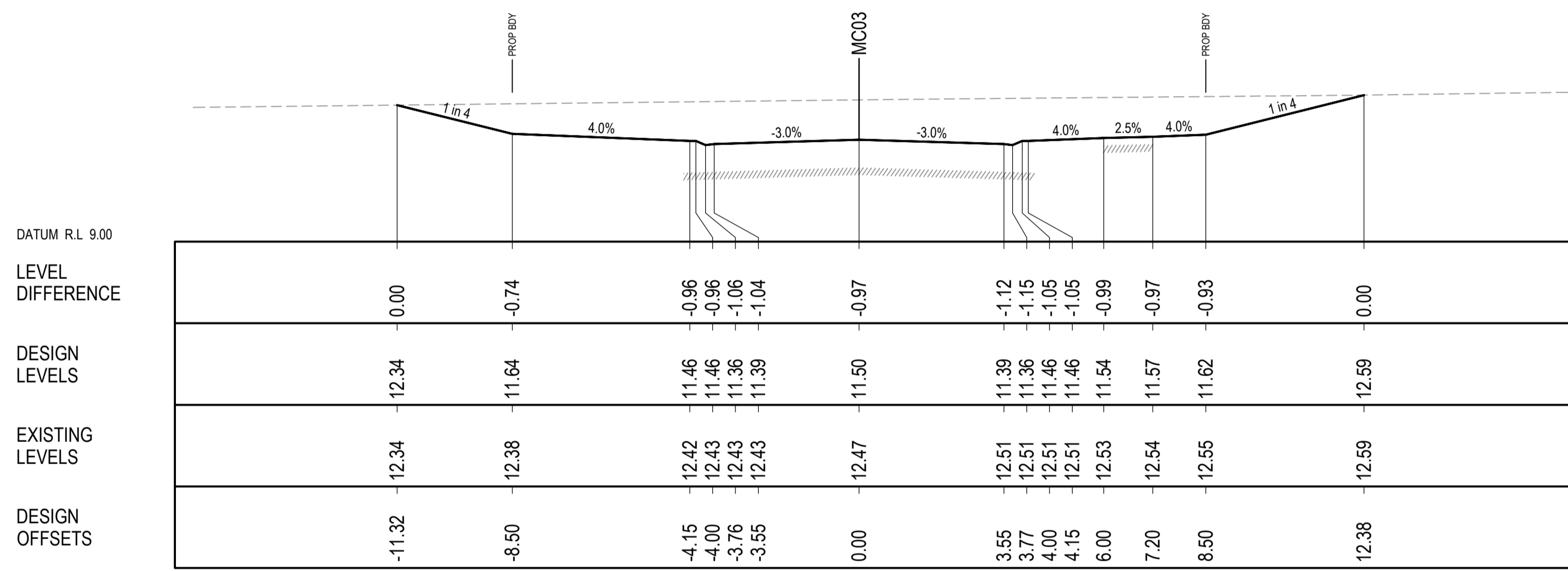
Project: THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-302 | B | | |

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193_03_12_Rev01.dwg 16/05/2022 1:100 16/05/2022 16:05:22

| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Client
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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS (MC03) SHEET 3

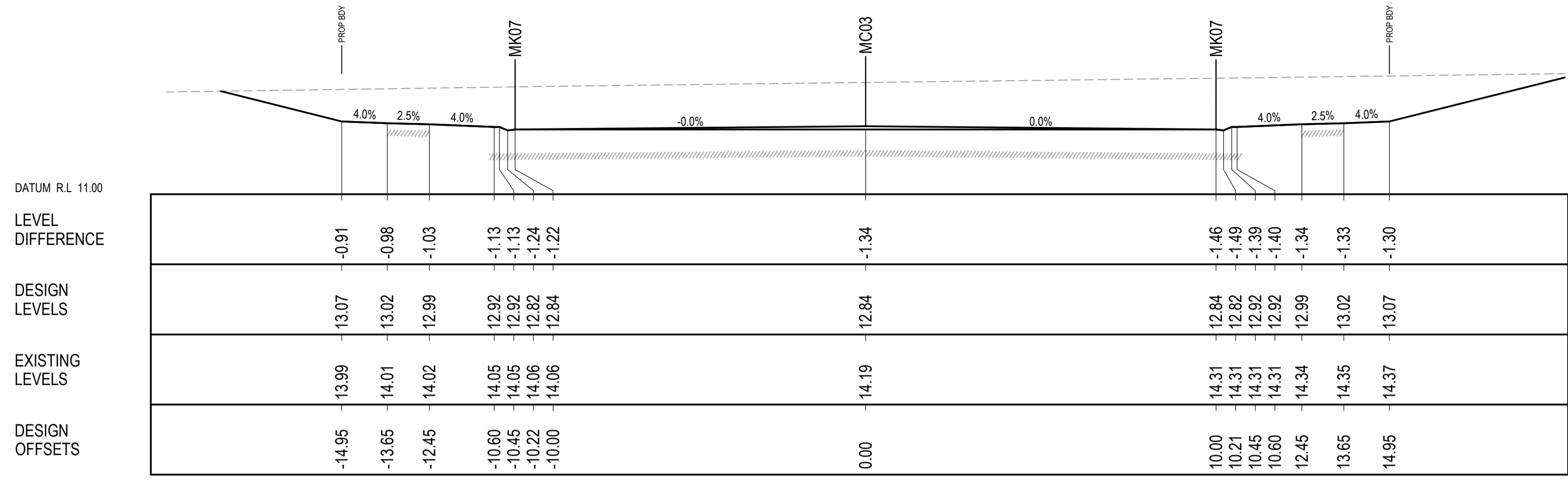
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| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-303 | B | | |

DO NOT REPRODUCE IN GREYSCALE

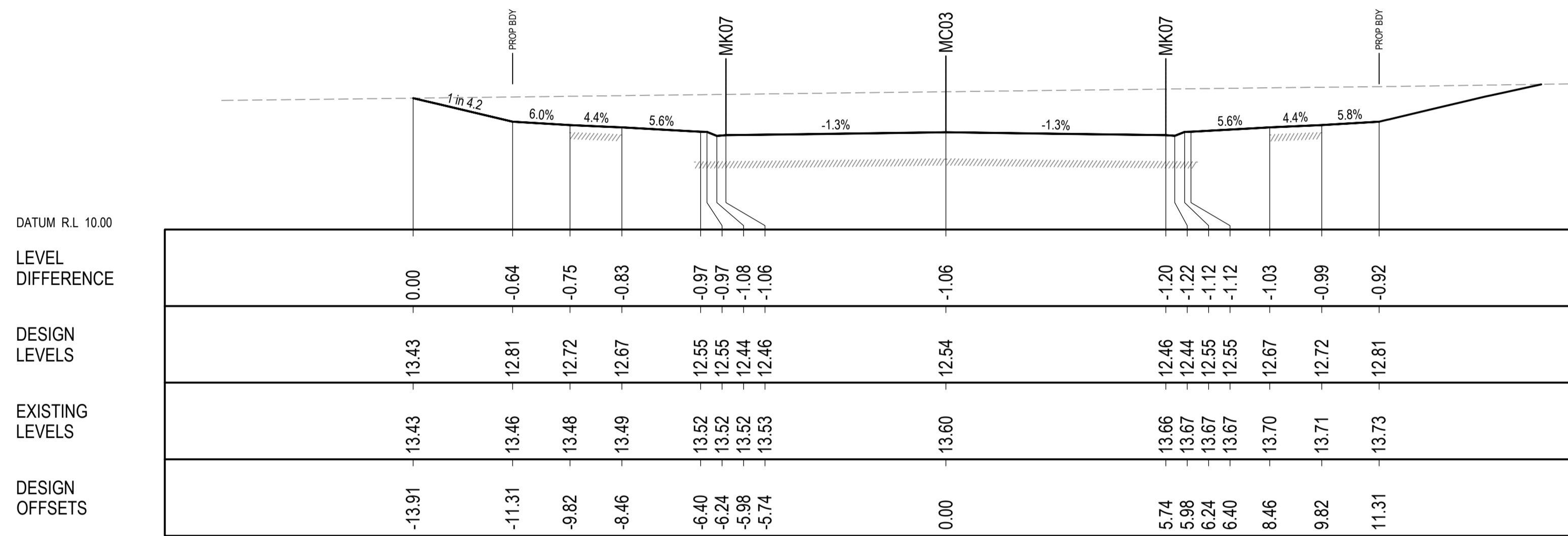
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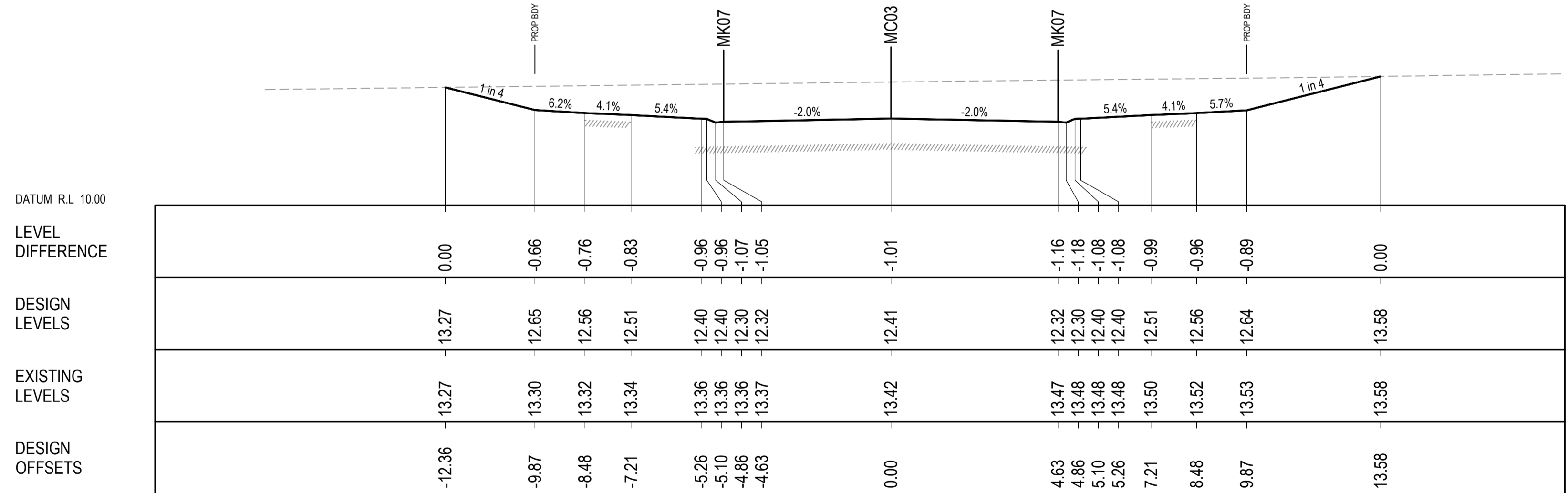
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|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



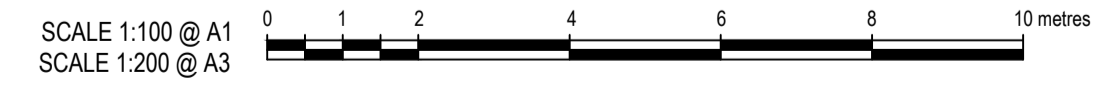
CH 57.956



CH 47.956



CH 45



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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS (MCO3)
SHEET 4

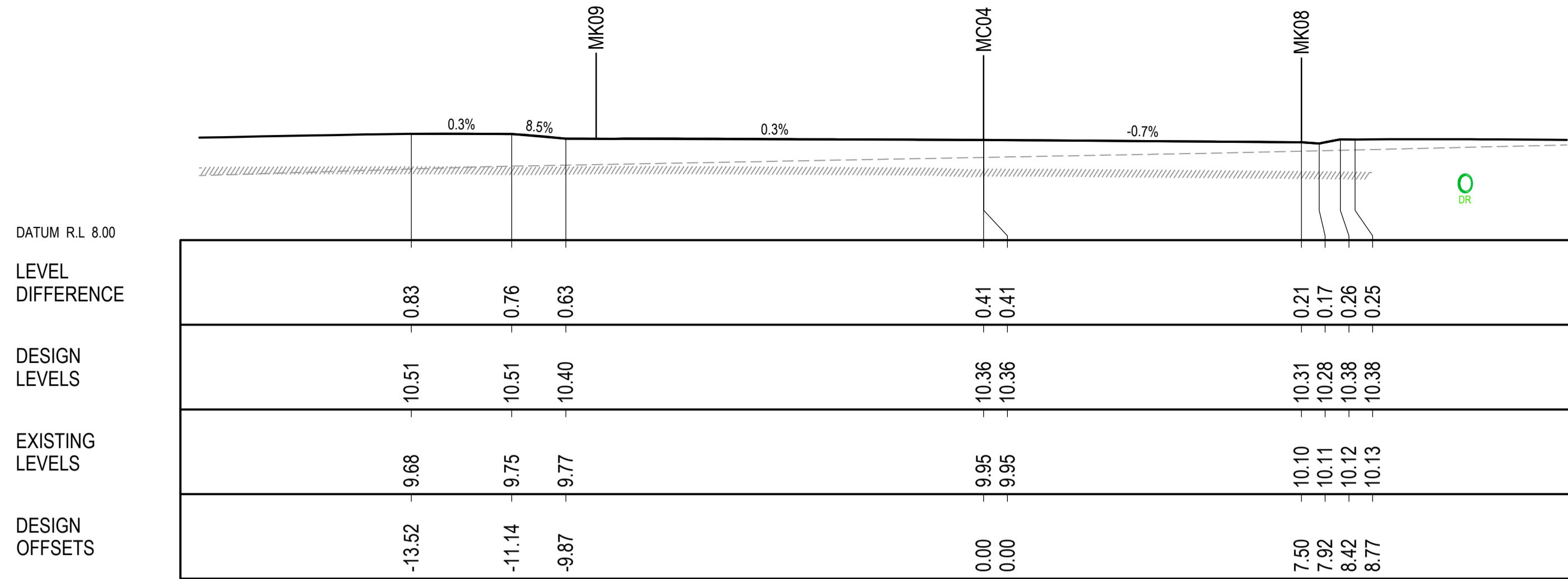
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| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-304 | B | | |

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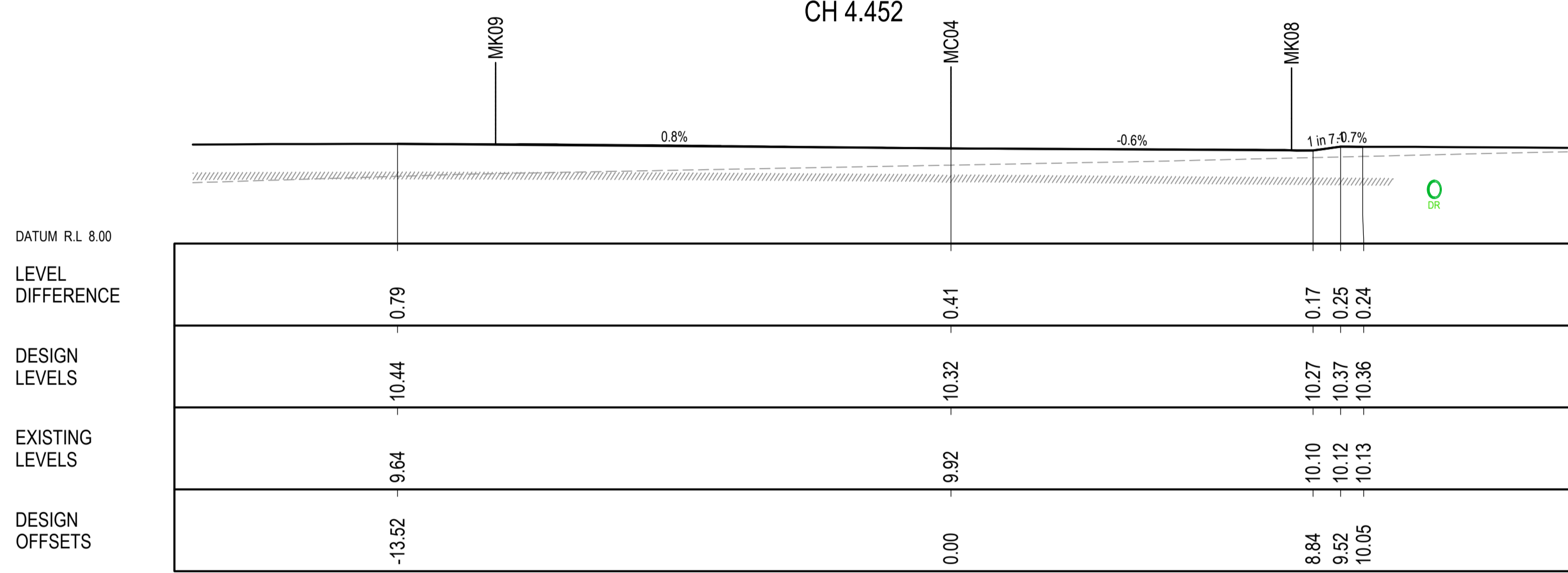
NOT FOR CONSTRUCTION

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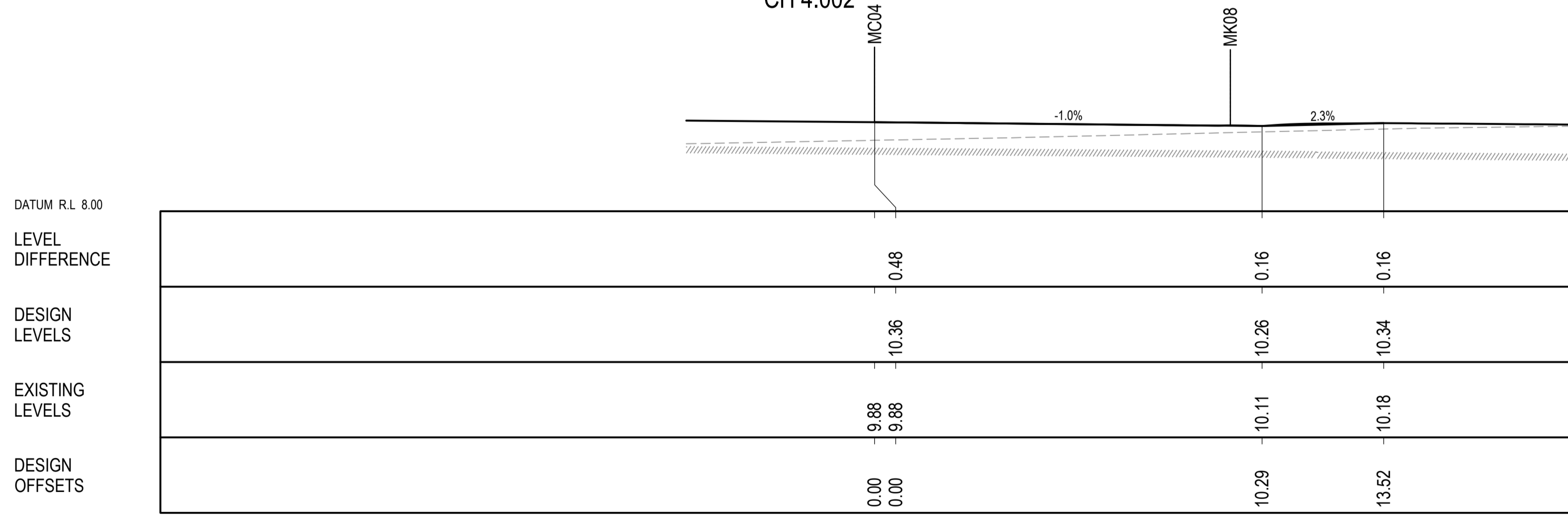
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



CH 4.452



CH 4.002



CH 3.552

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR | |
| Issue | Description | Date | Drawn | Approved | |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

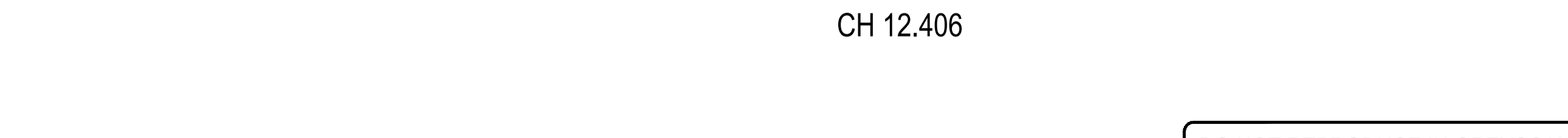
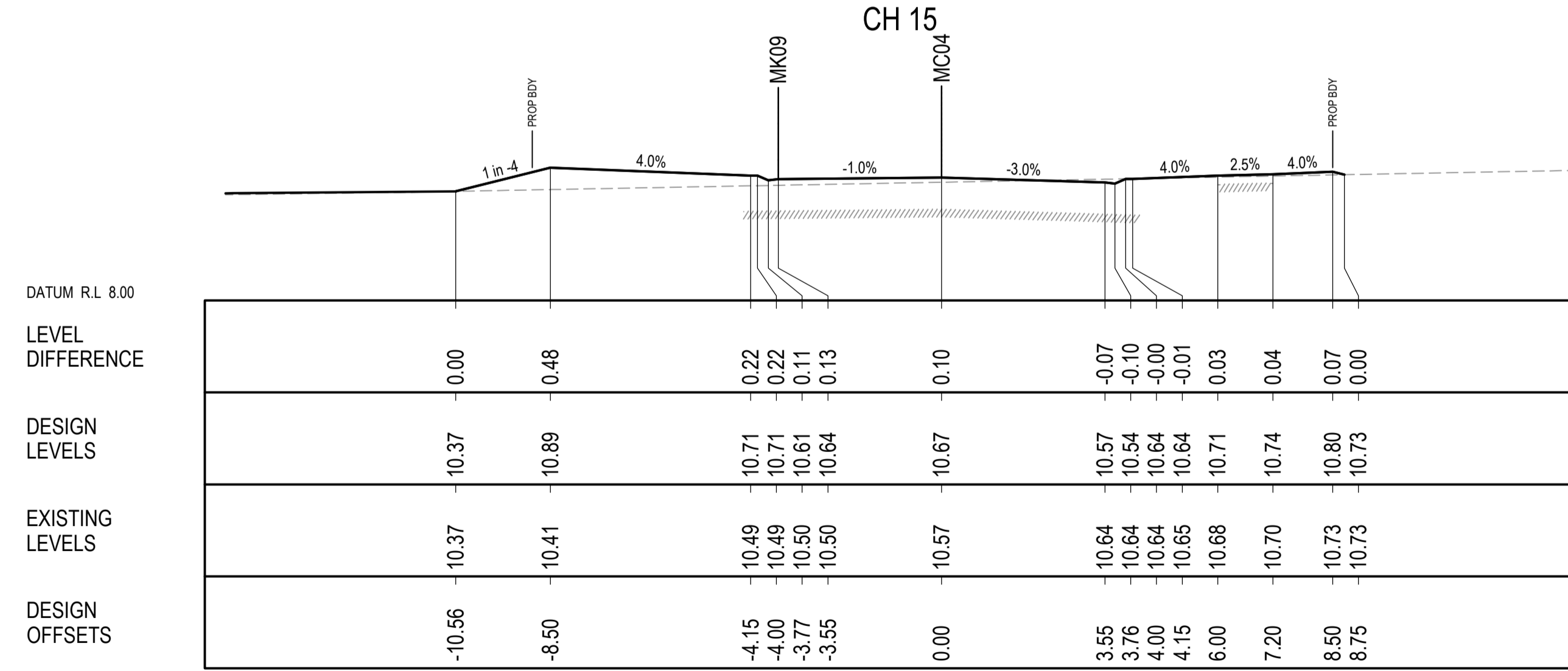
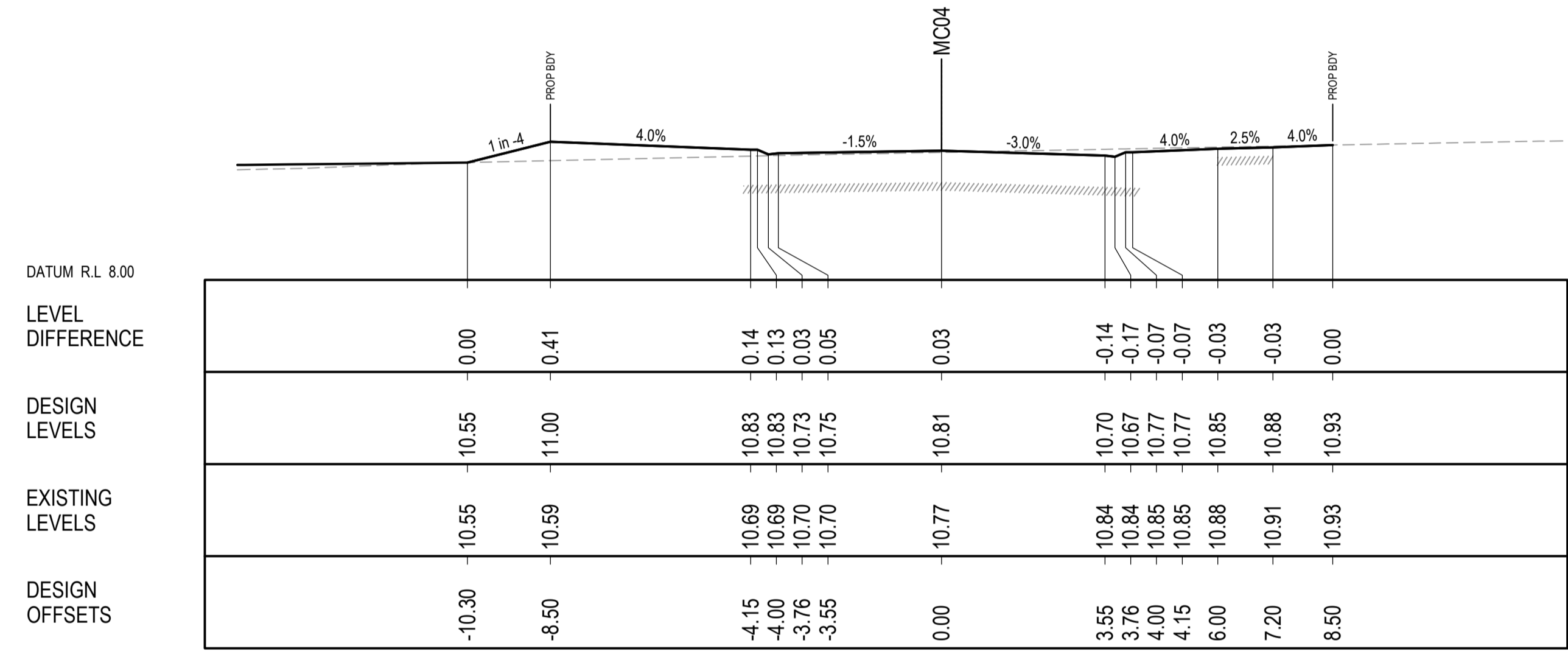
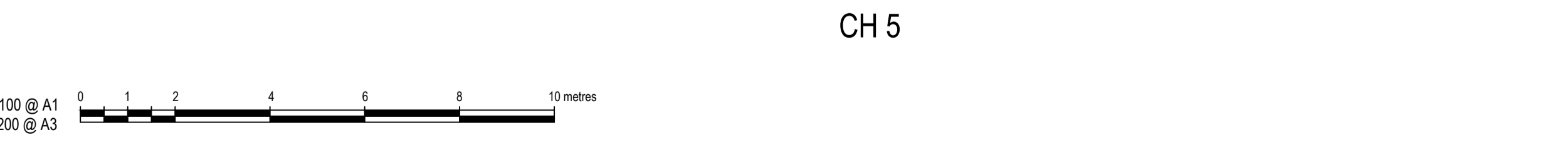
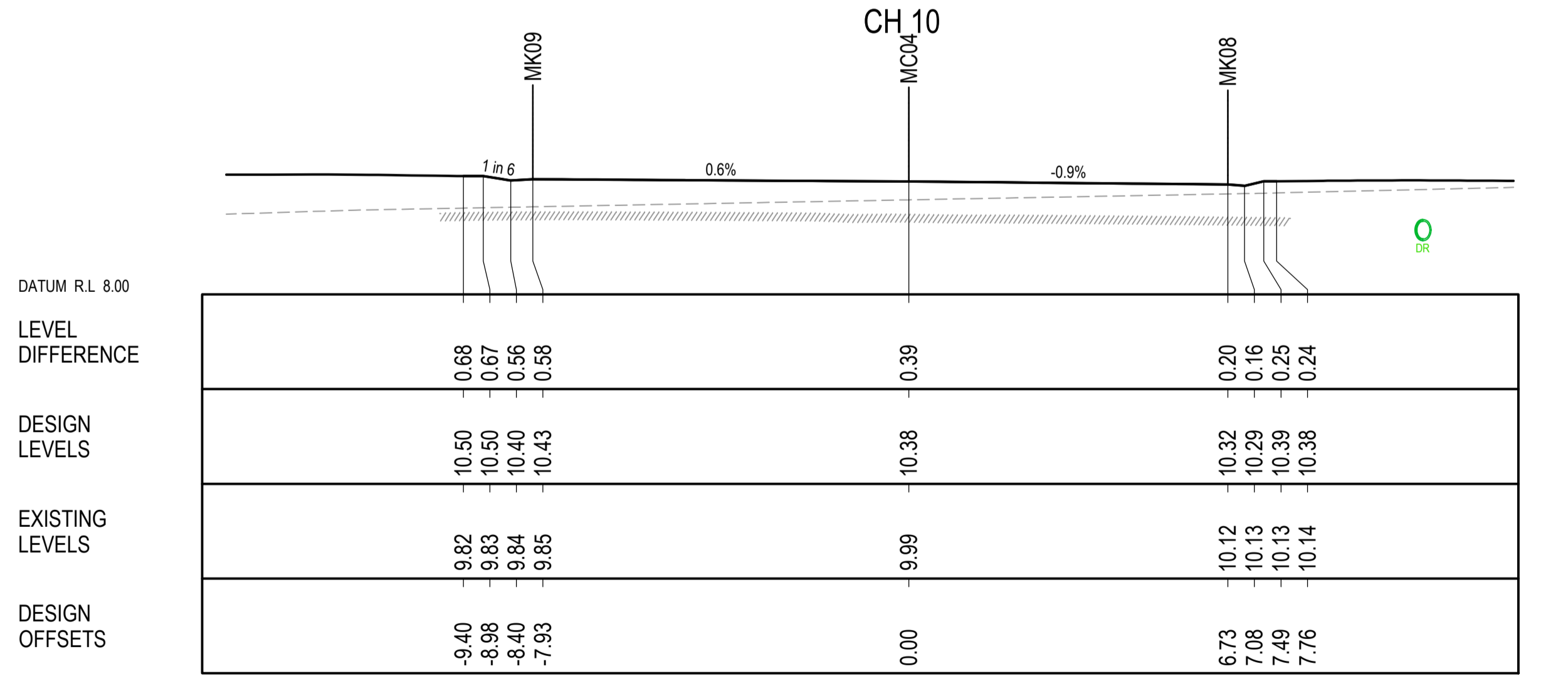
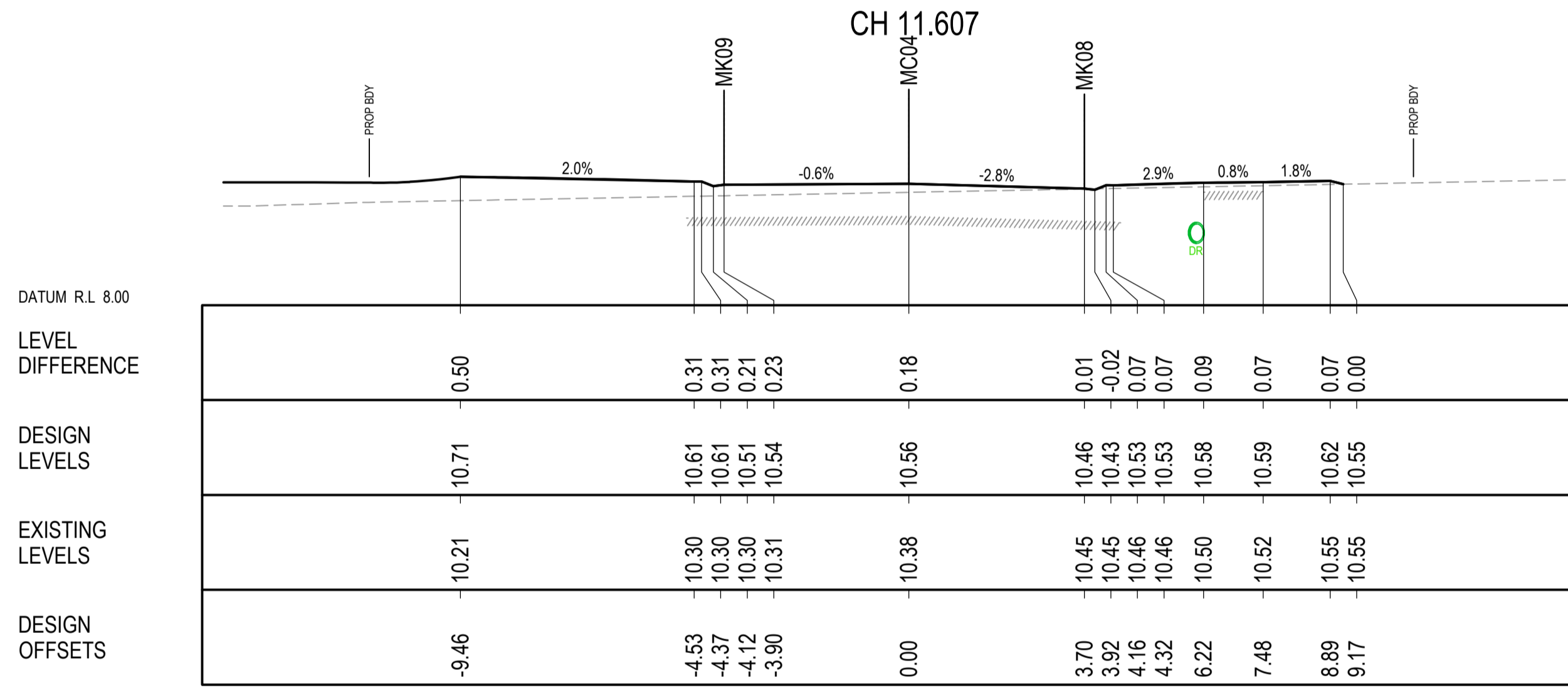
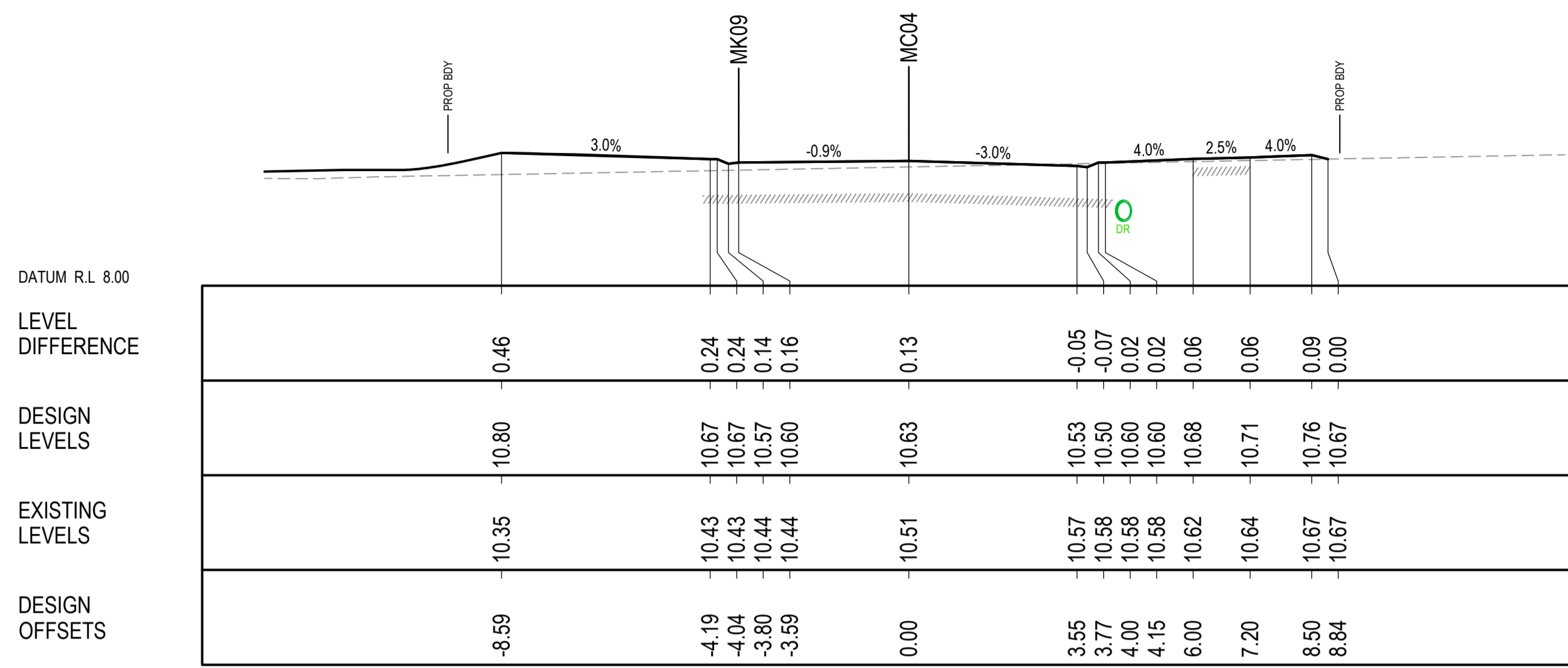
| Drawing Title ROAD CROSS SECTIONS (MC04) SHEET 1 | | | | | |
|---|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-401 | B | | |

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| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
ROAD CROSS SECTIONS (MC04) SHEET 2

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-402 | B | | |





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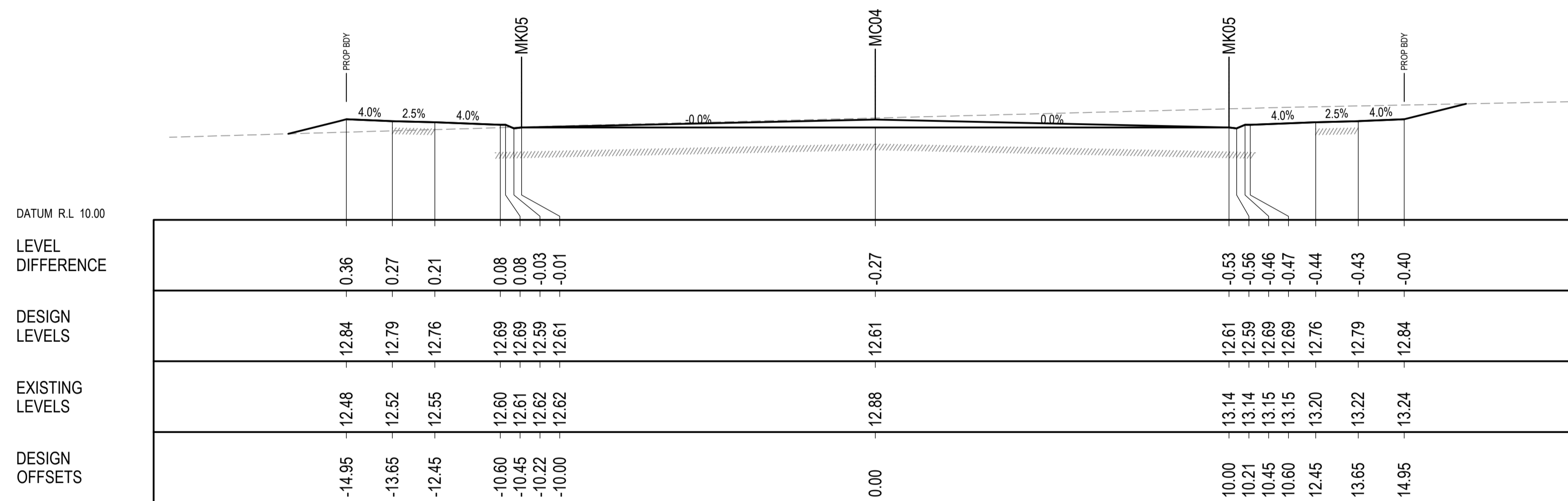


NOT FOR CONSTRUCTION

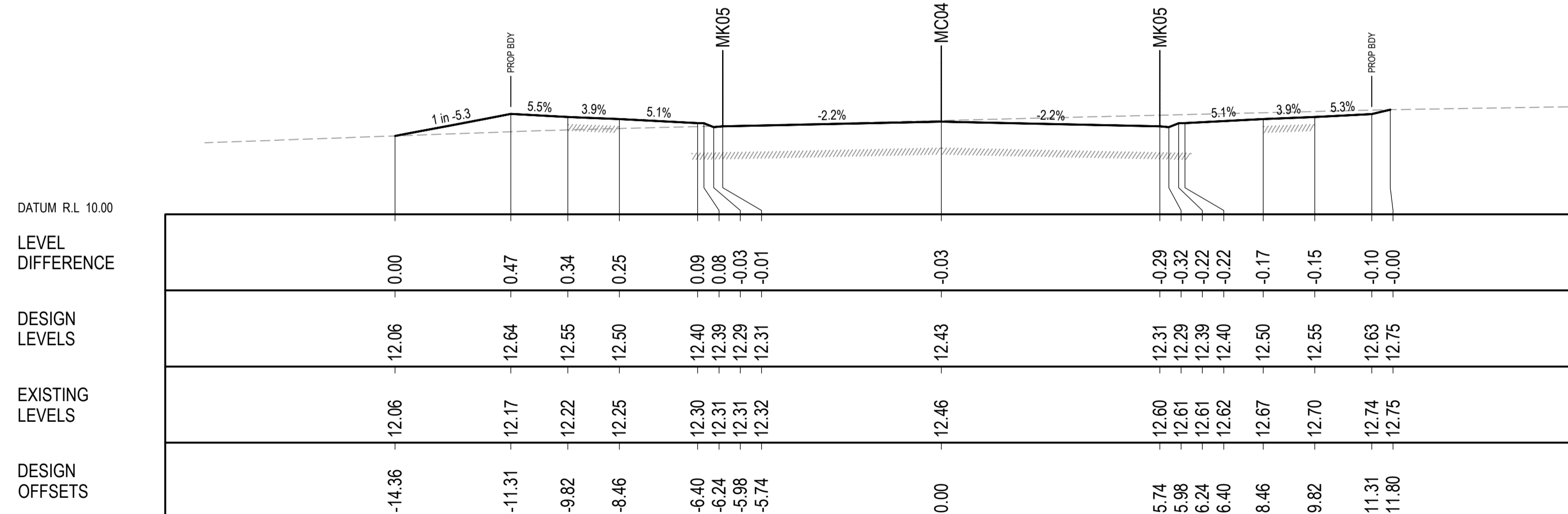
15/05/22 10:59 AM C:\Users\jpr\Documents\Projects\THORNTON STAGE 2 DEVELOPMENT\THORNTON STAGE 2 DEVELOPMENT\ROAD CROSS SECTIONS (MC04) SHEET 2.dwg

LEGEND

- DESIGN SURFACE
- EXISTING SURFACE
-  PROPOSED STORMWATER MAIN
-  PROPOSED SEWER MAIN
-  PROPOSED WATER MAIN
-  LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



CH 57.34



CH 47.34

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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|-------|------------------------|----------|-------|----------|
| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
LANDLINK PTY LTD



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Project
THORNTON STAGE 2 DEVELOPMENT

530 RAYMOND TERRACE ROAD
THORNTON

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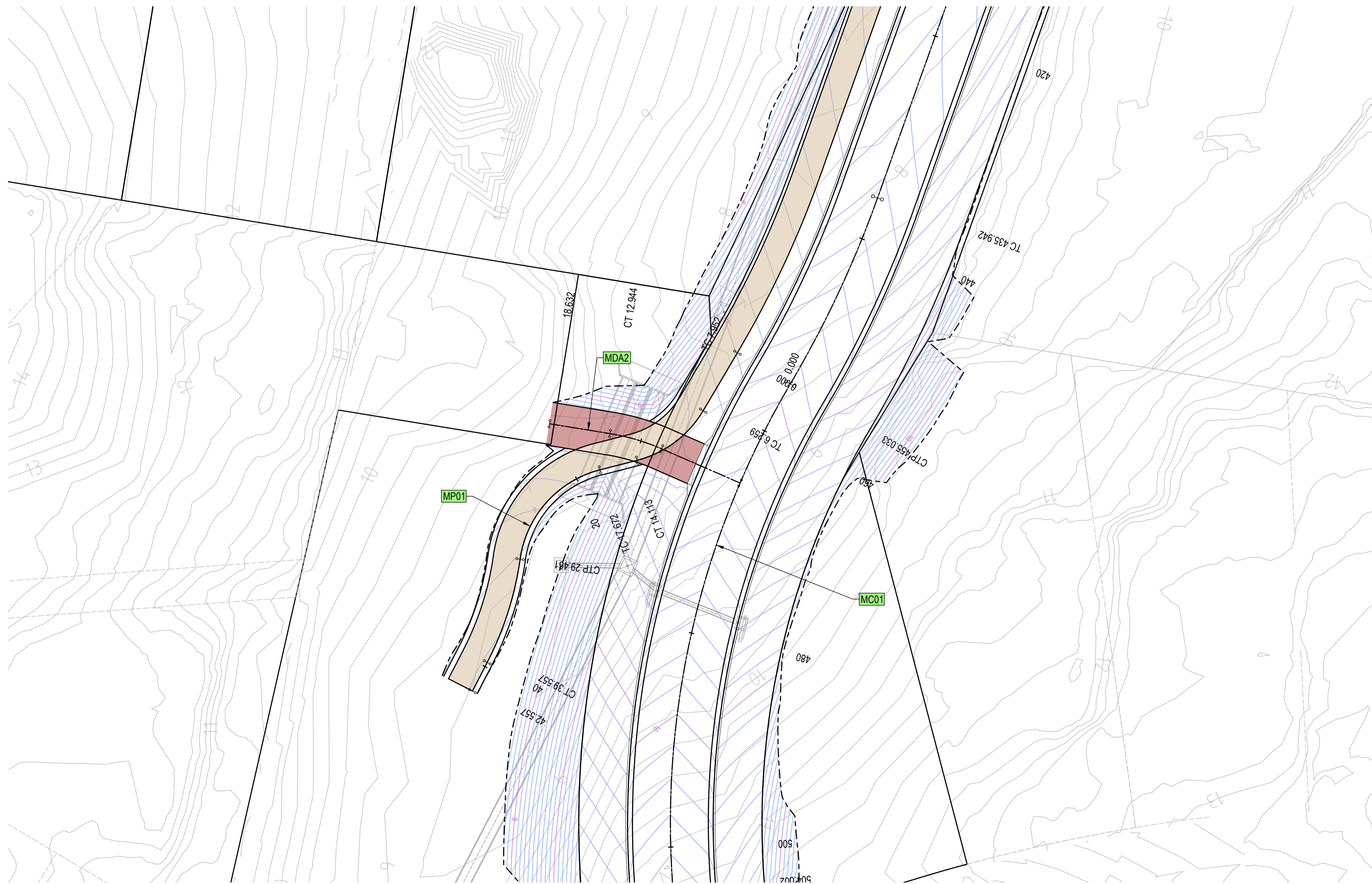
Drawing Title
ROAD CROSS SECTIONS (MC04) SHEET 4

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA105-404 | B | | |

1:100 - 530 Raymond Terrace Road, Thornton NSW 2300 - 16.05.22 - 1:100 - 48.48m

LEGEND

-  12.0 DESIGN MAJOR CONTOUR (1.0m INTERVAL)
-  DESIGN MINOR CONTOUR (0.20m INTERVAL)
-  12.0 EXISTING SURFACE CONTOUR (0.20m INTERVAL)
-  K&G STANDARD KERB AND GUTTER REFER MCC SD004
-  RTK ROLL KERB AND GUTTER REFER MCC DS004
-  100 ROAD CONTROL LINE
-  LOT BOUNDARIES
-  PROPOSED STORMWATER PIPE
-  PROPOSED DRIVEWAY
-  PROPOSED FOOTPATH REFER TO MCC SD012



(MP01) AND (MDA2) PLAN
Scale: 1:200

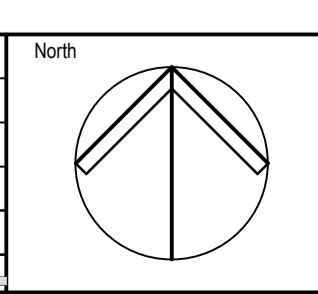
SCALE 1:200 @ A1
SCALE 1:400 @ A3

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| Issue | Description | Date | Drawn | Approved |
|-------|------------------------|----------|-------|----------|
| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |



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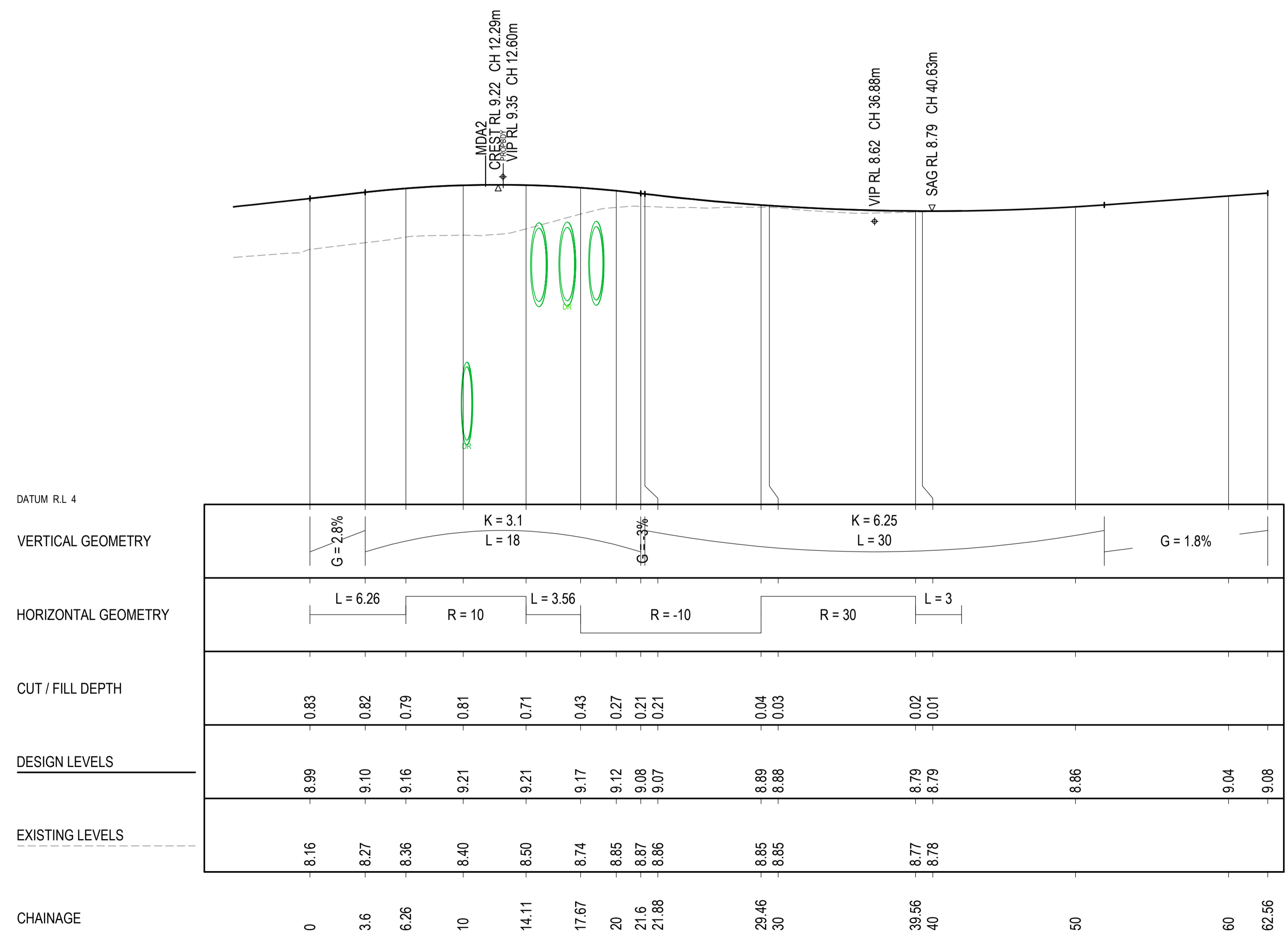
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:200 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA106-101 | B | | |

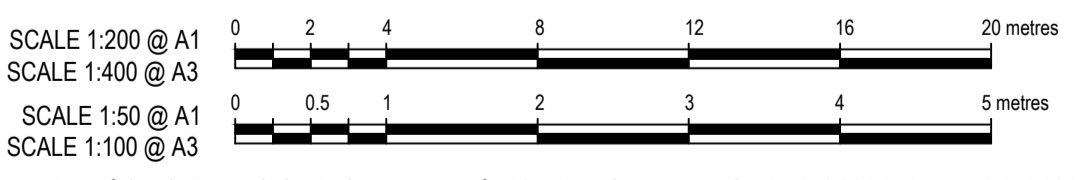
1:100 530 Raymond Terrace NSW202521 Thorntons Stage 2 Development S0101.dwg 16.05.22

LEGEND

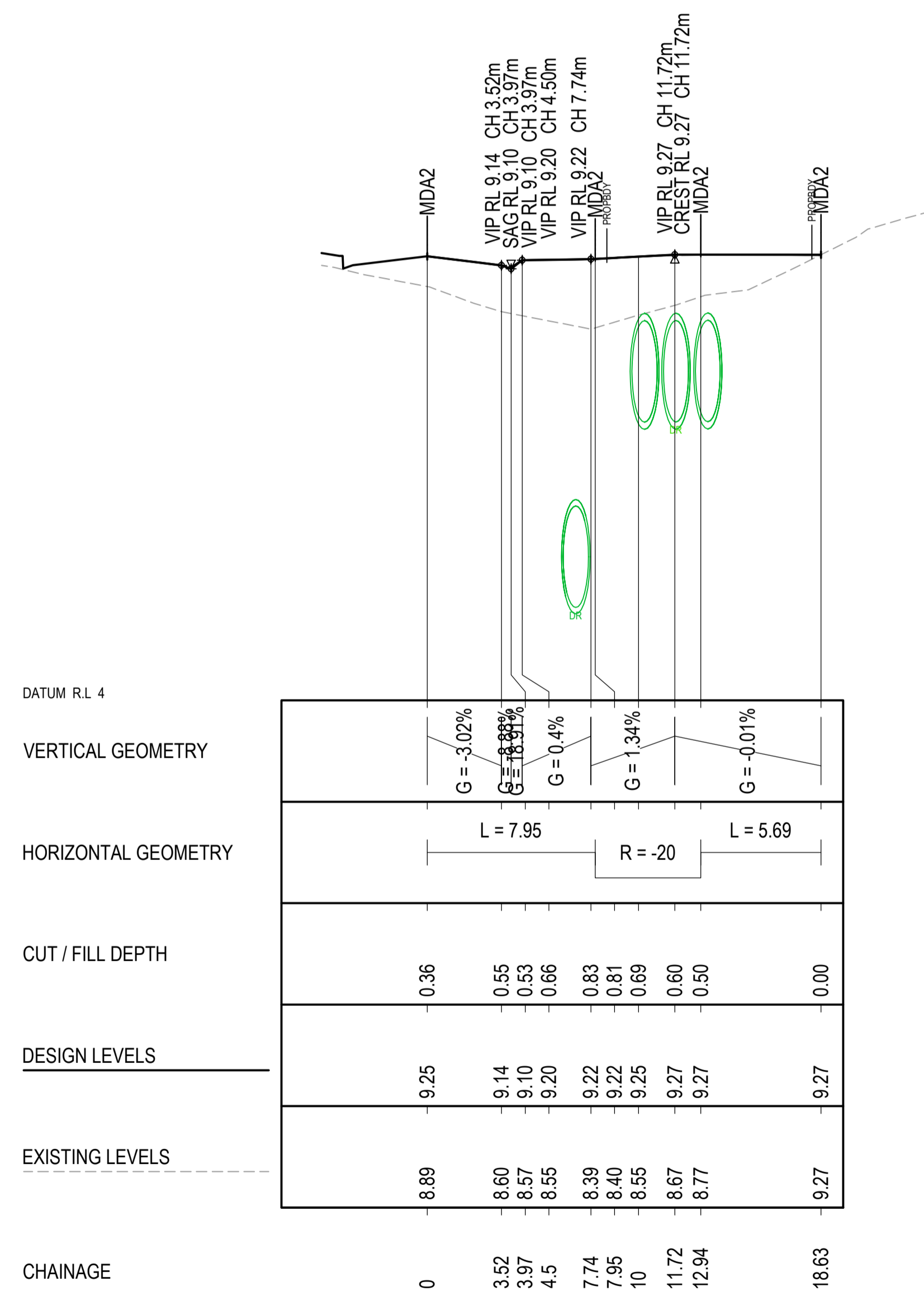
- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN



LONGITUDINAL SECTION - MP01



A1 Horizontal Scale 1 : 200
A1 Vertical scale 1 : 50



LONGITUDINAL SECTION - MDA2

A1 Horizontal Scale 1 : 200
A1 Vertical scale 1 : 50

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|--|------------------------|----------|------------------|
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| Issue | Description | Date | Drawn / Approved |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
(MP01) AND (MDA2) LONGITUDINAL SECTIONS

| | | | | | |
|----------------|--------------------------|-----------------------|----|-------------------|------------------|
| Drawn JER | Date DEC 20 | Scale AS SHOWN | A1 | G.A. Check JPR | Date 16.05.22 |
| Designed BG | Project No. NSW202521 | Dwg. No. DA106-102 | | Issue B | |

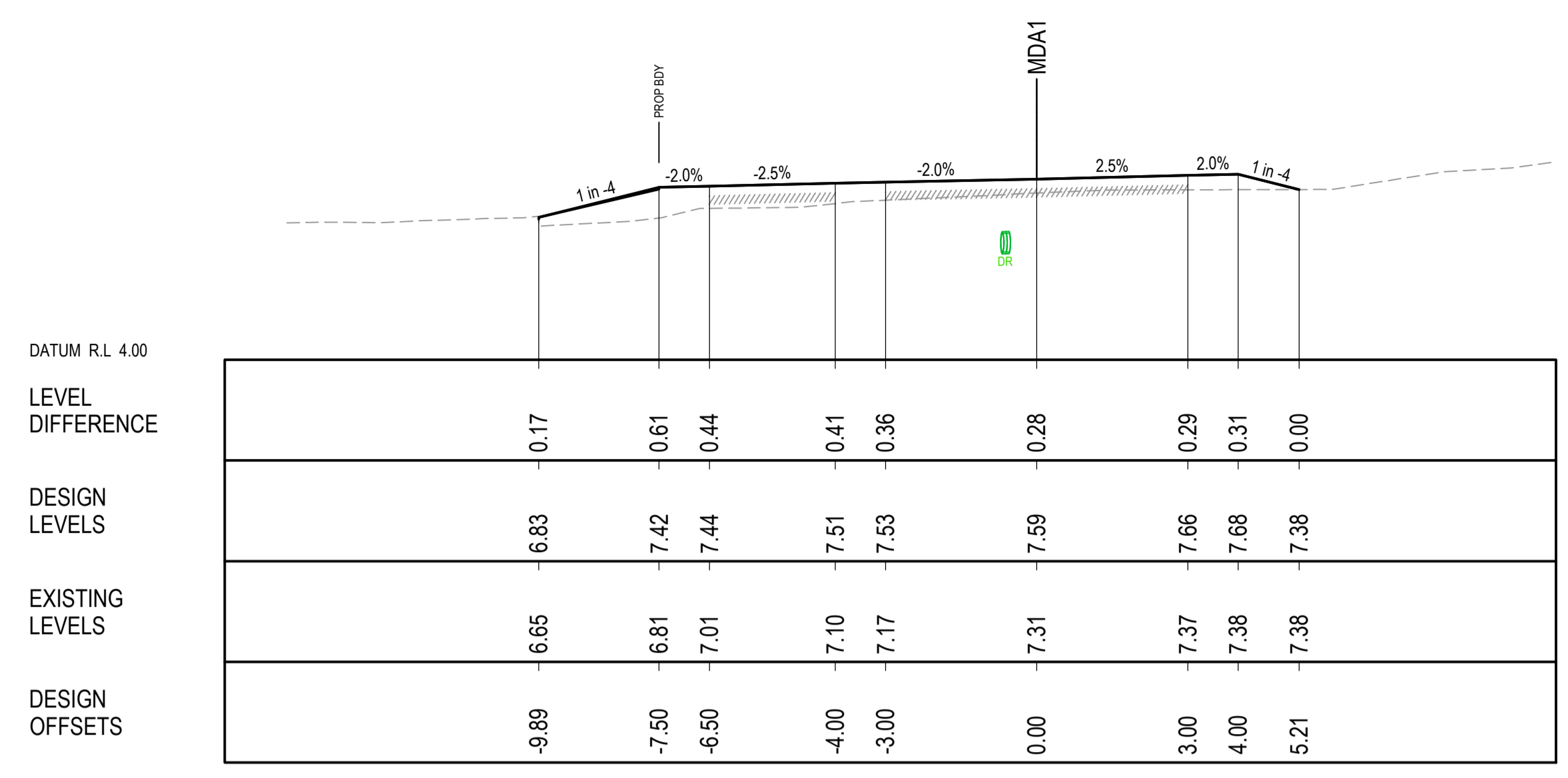
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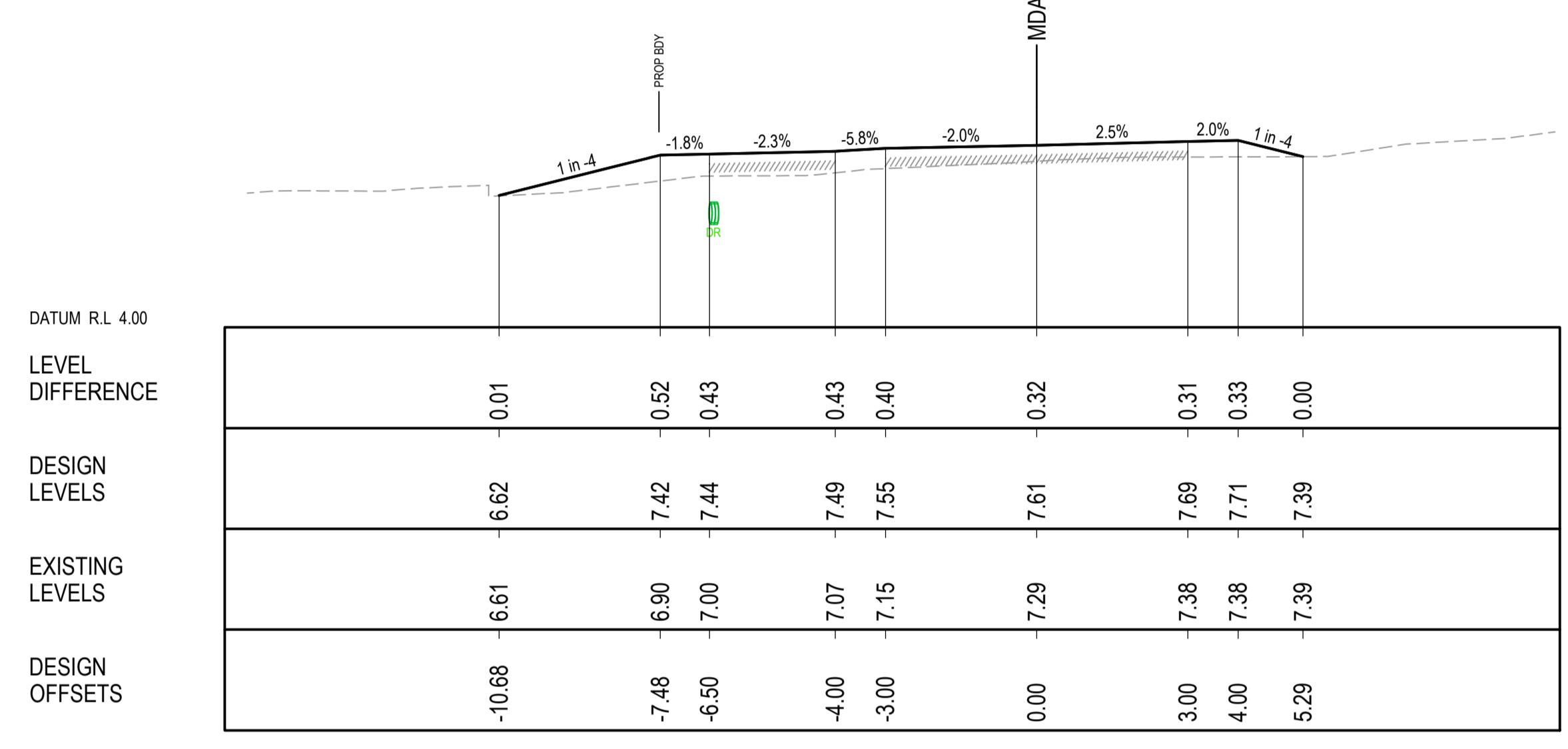
1500 - 03 - Raymond Terrace 20220521 - Thorntons Stage 2 - Longitudinal Section - Dwg No. 102

LEGEND

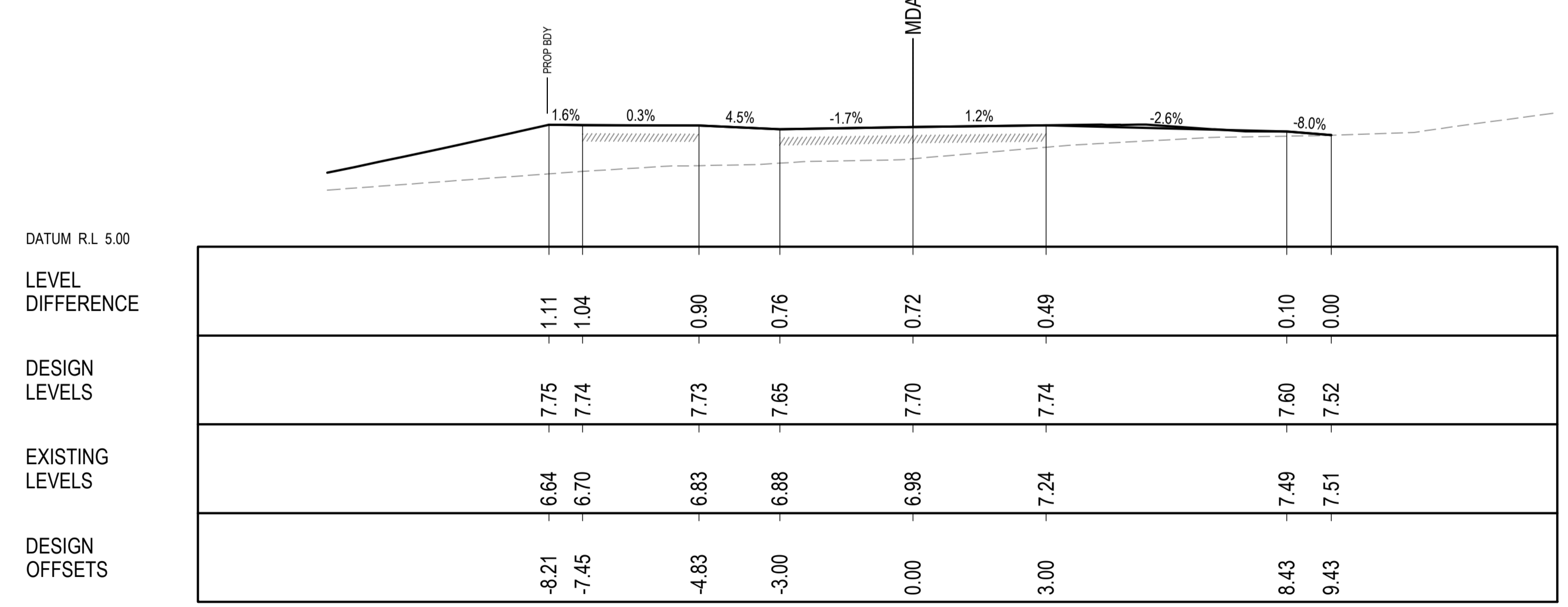
- DESIGN SURFACE
- EXISTING SURFACE
- PROPOSED STORMWATER MAIN
- PROPOSED SEWER MAIN
- PROPOSED WATER MAIN
- LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS



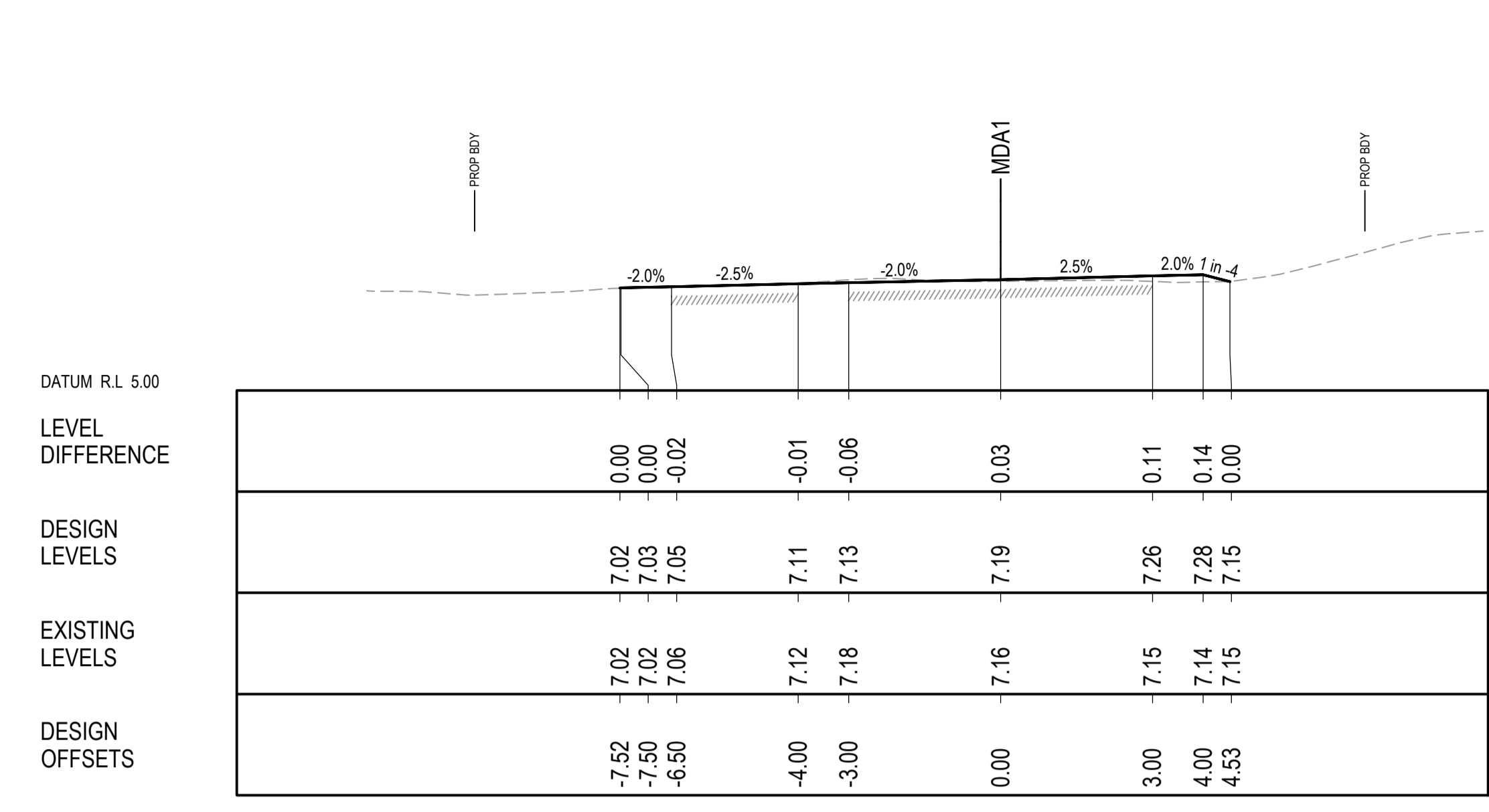
CH 13.601



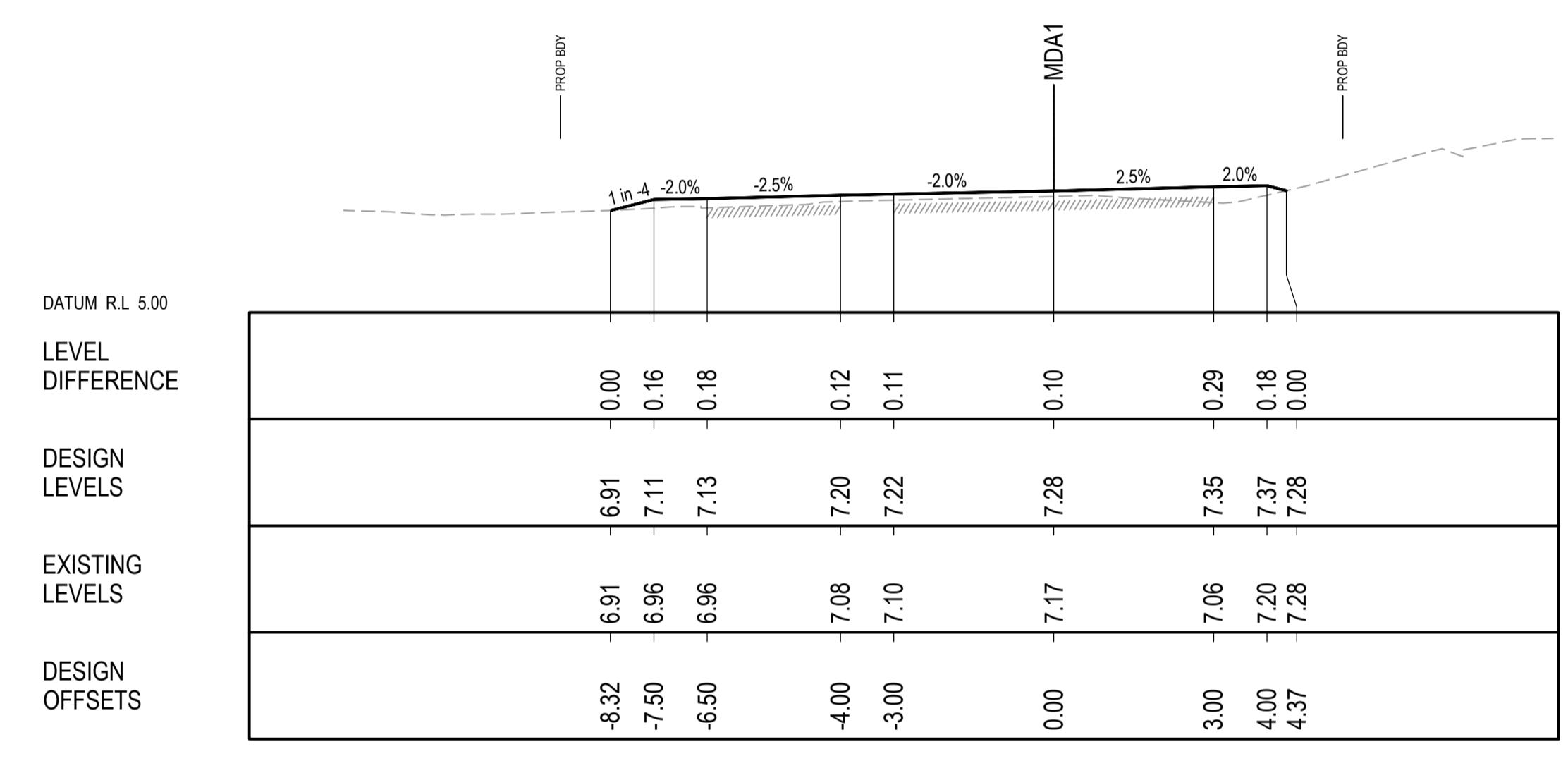
CH 12.712



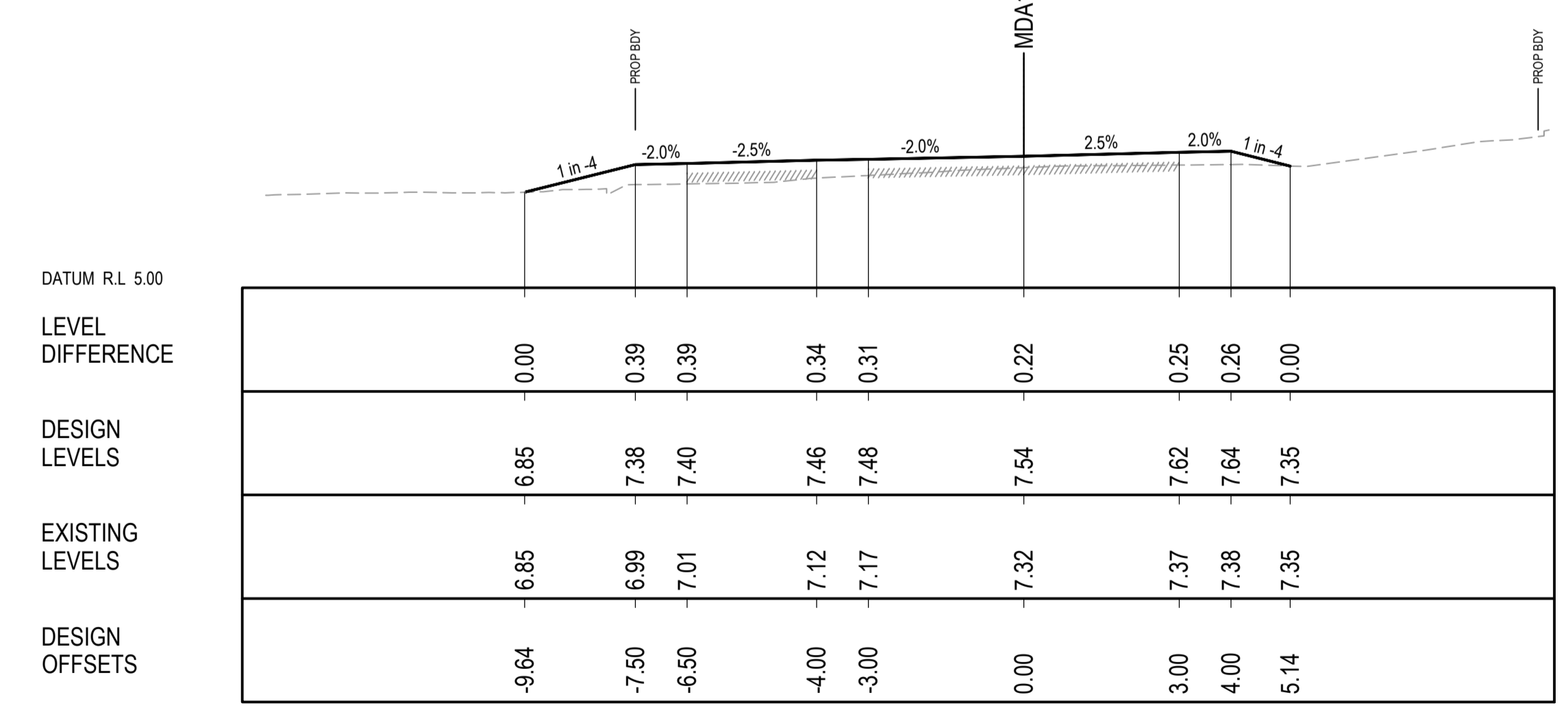
CH 4



CH 29.832



CH 23.892



CH 15



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| Issue | Description | Date | Drawn | Approved |

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
(MDA1) CROSS SECTIONS SHEET 1

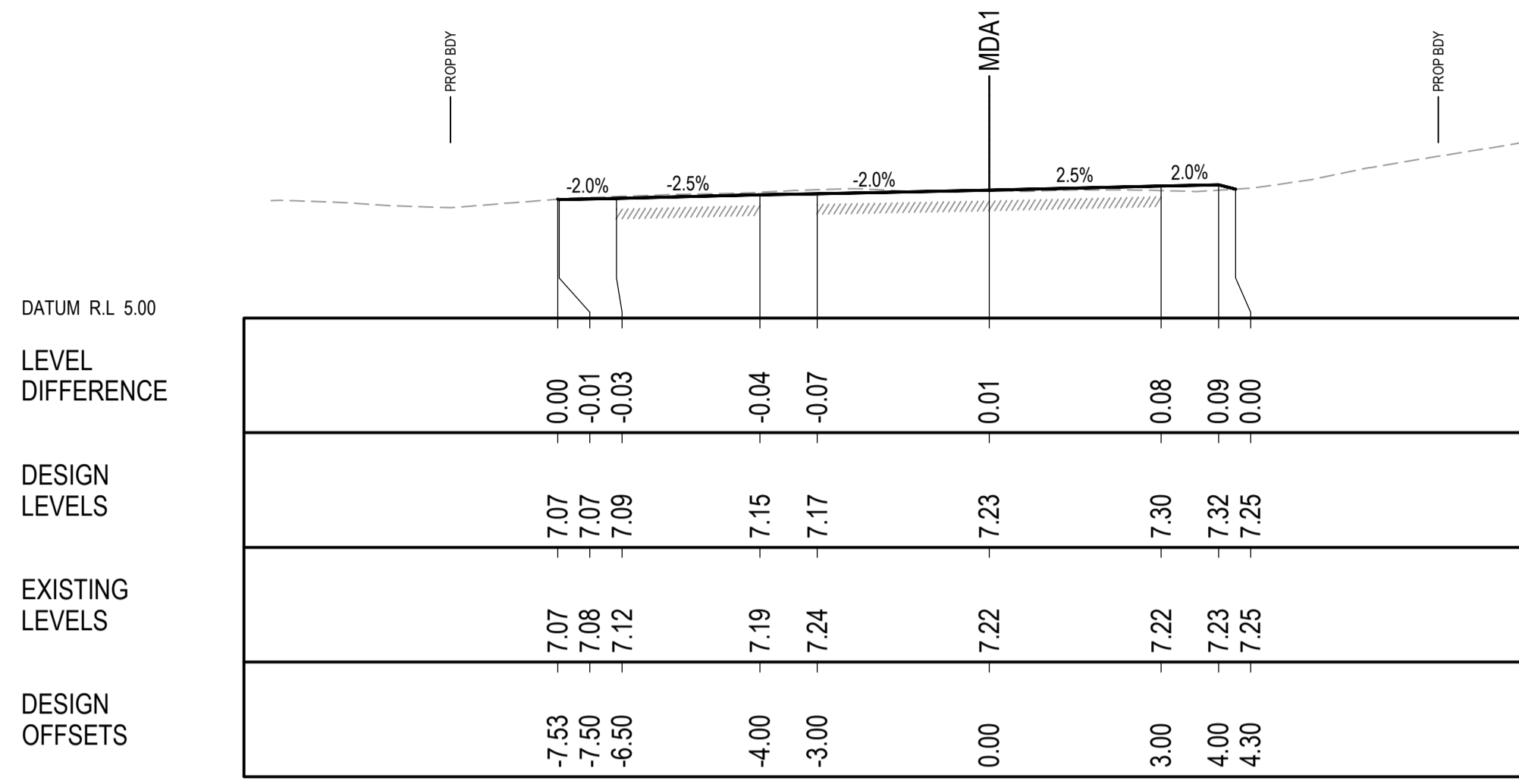
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|----------|-------------|-----------|----|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA107-001 | | B | |

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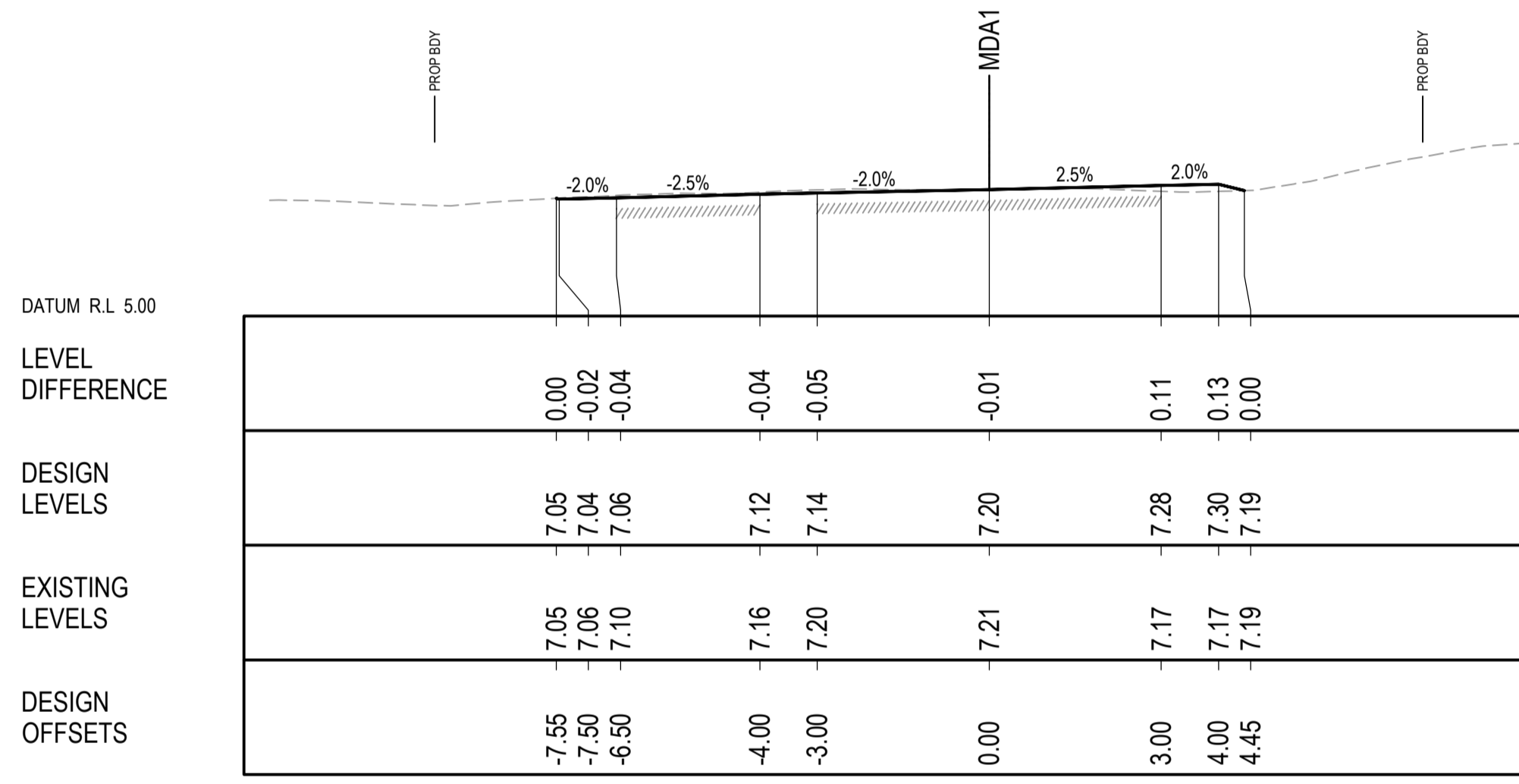
NOT FOR CONSTRUCTION

193-831-01-Rev001-Plan-02-2022-11-16-10:58:52 AM

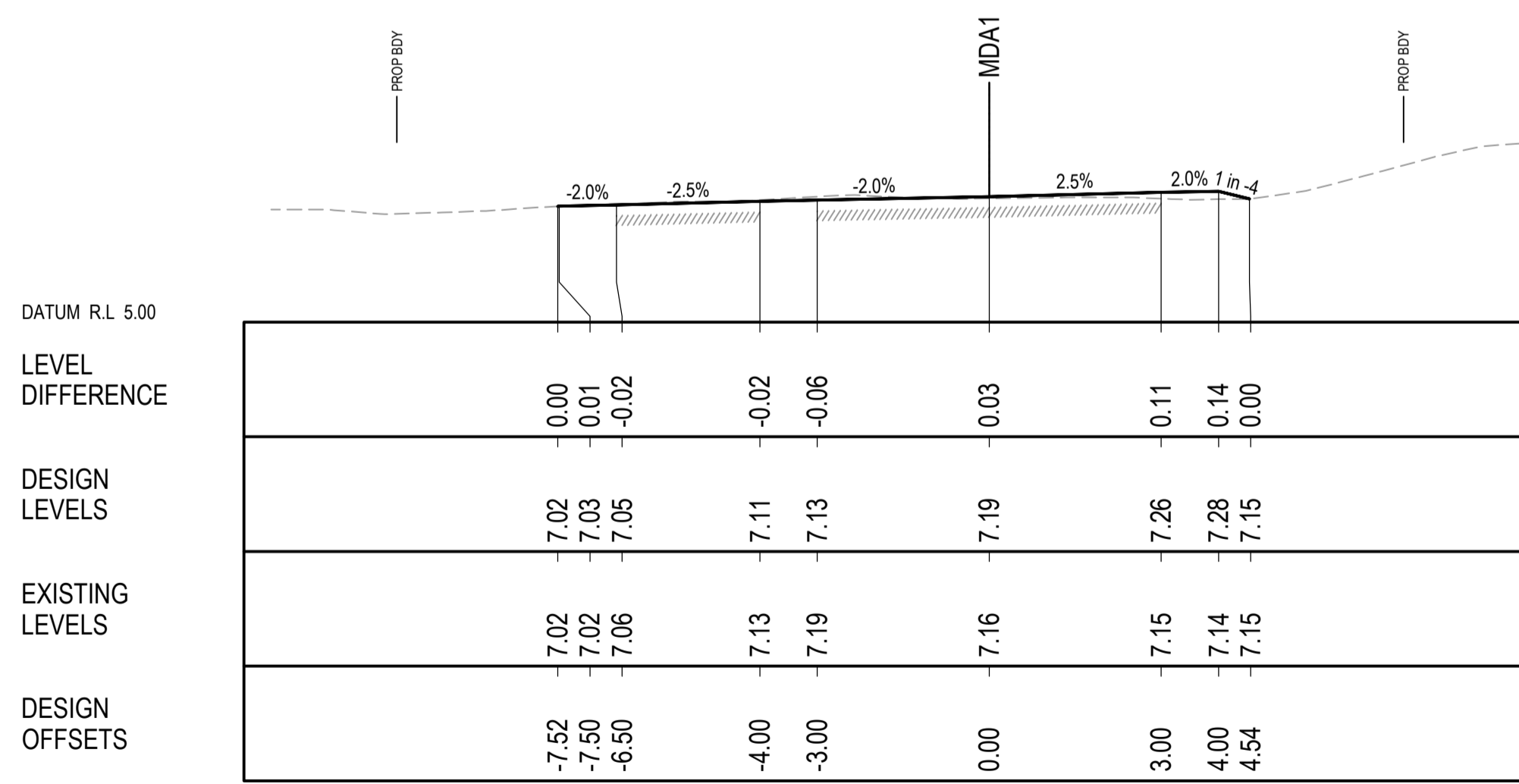
| LEGEND | |
|--------|---|
| | DESIGN SURFACE |
| | EXISTING SURFACE |
| | PROPOSED STORMWATER MAIN |
| | PROPOSED SEWER MAIN |
| | PROPOSED WATER MAIN |
| | LOT REGRADE - REFER GENERAL ARRANGEMENT PLANS |



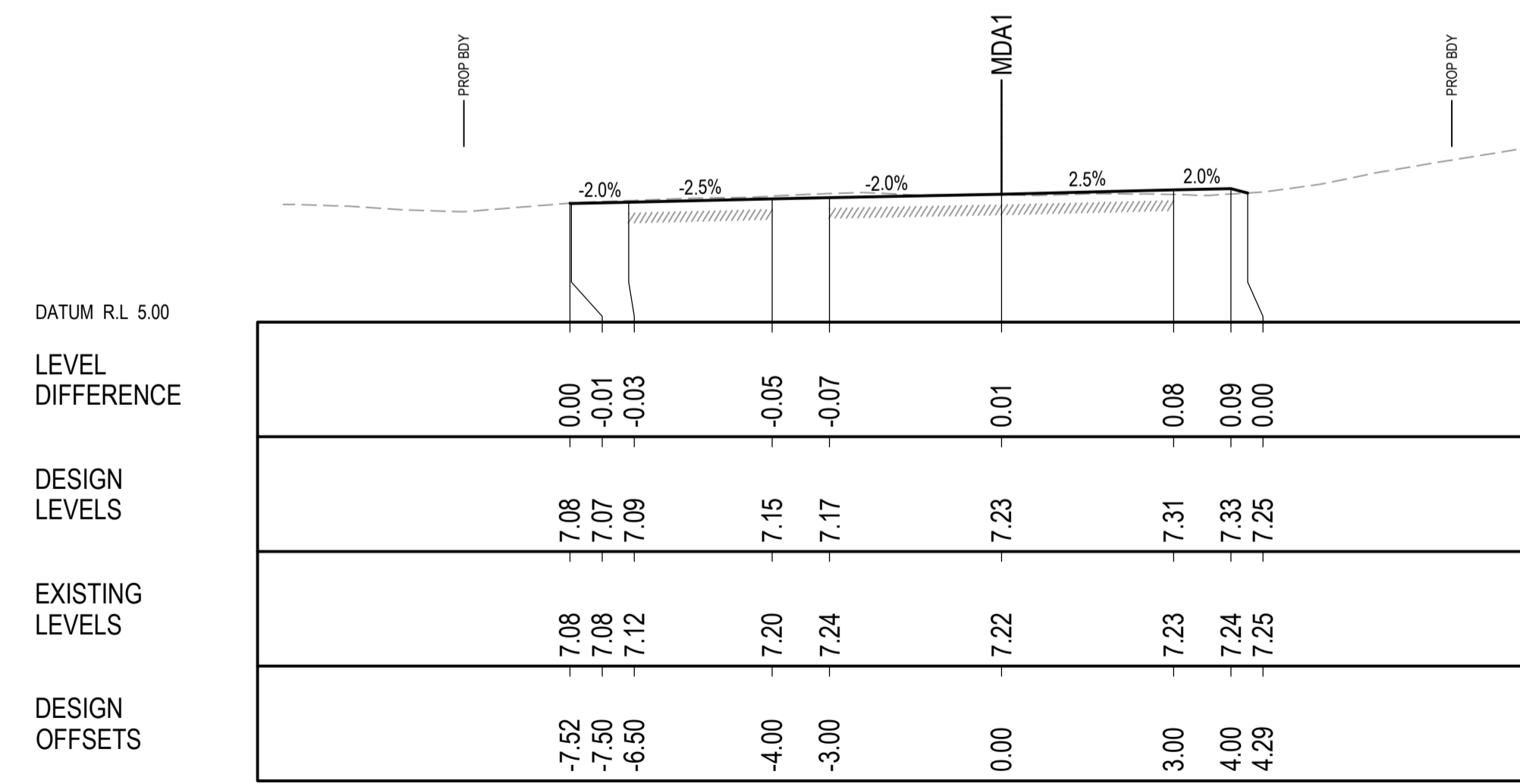
CH 33.892



CH 32.229



CH 30



CH 34

SCALE 1:100 @ A1
SCALE 1:200 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:100 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA107-002 | B | | |

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1:100 - 530 Raymond Terrace NSW202521 - Thorntons Stage 2 Development - SHEET 02 of 09



LEGEND

| Lower_value | Upper_value | Colour |
|-------------|-------------|--------|
| -99 | to -3.00 | Meters |
| -3.00 | to -2.50 | Meters |
| -2.50 | to -2.00 | Meters |
| -2.00 | to -1.50 | Meters |
| -1.50 | to -1.00 | Meters |
| -1.00 | to -0.75 | Meters |
| -0.75 | to -0.50 | Meters |
| -0.50 | to -0.25 | Meters |
| -0.25 | to 0.00 | Meters |
| 0.00 | to 0.25 | Meters |
| 0.25 | to 0.5 | Meters |
| 0.50 | to 0.75 | Meters |
| 0.75 | to 1.00 | Meters |
| 1.00 | to 1.50 | Meters |
| 1.50 | to 2.00 | Meters |
| 2.00 | to 2.50 | Meters |
| 2.50 | to 3.00 | Meters |
| 3.00 | to 4.00 | Meters |
| 4.00 | to 5.00 | Meters |
| 5.00 | to 6.5 | Meters |
| 6.5 | to 9999 | Meters |

VOLUMES

| | |
|---------------|---------------------------|
| TOTAL CUT | -7335m ³ |
| TOTAL FILL | 9275m ³ |
| TOTAL BALANCE | 1940m ³ (FILL) |

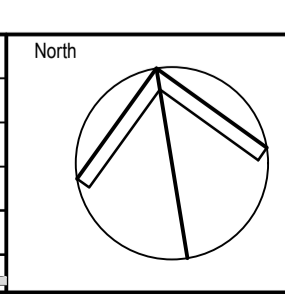
200mm OF STRIPPING OVER THE ENTIRE SURFACE HAS BEEN ALLOWED.
 200mm TOPSOIL REPLACEMENT HAS BEEN ALLOWED OVER EVERYWHERE
 THERE IS NO BOXING.
 VOLUMES ALLOW FOR ROAD BOXING (700mm) AND BIOFILTER MEDIA (700mm)
 VOLUMES DO NOT ACCOUNT FOR SERVICE TRENCHING AND INTERNAL FOOTPATH WORKS.

SCALE 1:500 @ A1
 SCALE 1:1000 @ A3

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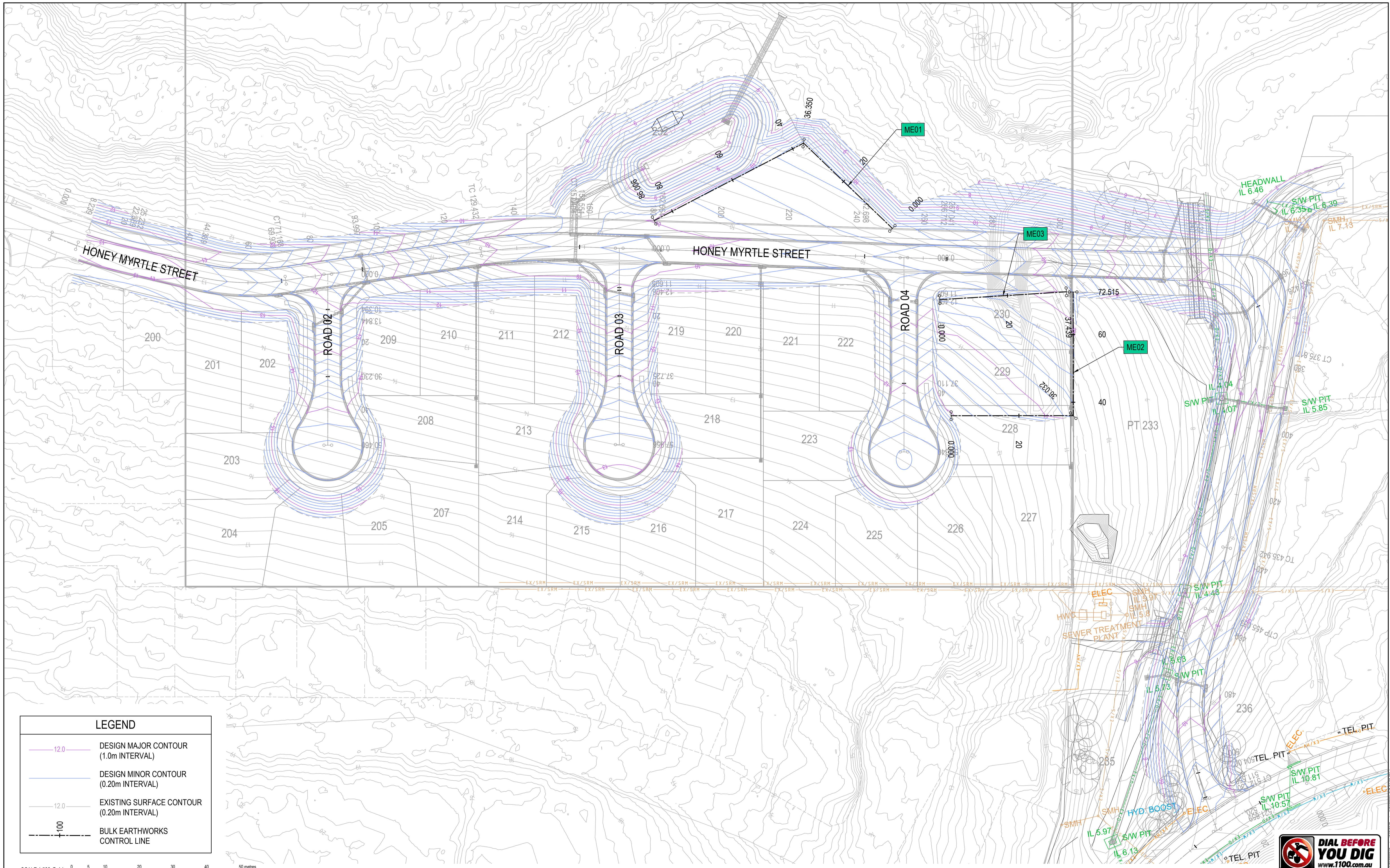
Project
THORNTON STAGE 2 DEVELOPMENT
 530 RAYMOND TERRACE ROAD
 THORNTON

Drawing Title
ISOPACH PLAN

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA108-001 | B | | |

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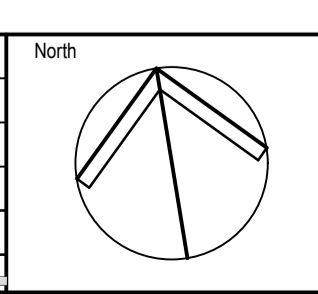


| LEGEND | |
|--------|--|
| | DESIGN MAJOR CONTOUR (1.0m INTERVAL) |
| | DESIGN MINOR CONTOUR (0.20m INTERVAL) |
| | EXISTING SURFACE CONTOUR (0.20m INTERVAL) |
| | BULK EARTHWORKS CONTROL LINE |

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
BULK EARTHWORKS PLAN

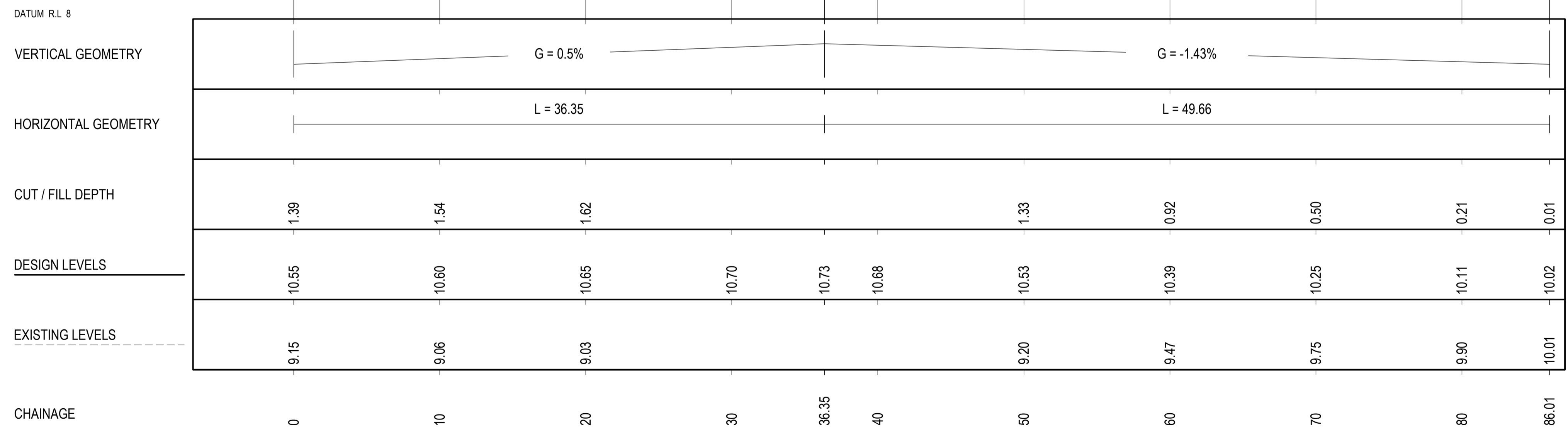
| Drawn | Date | Scale | A1 | G.A. Check | Date |
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| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA109-001 | B | | |

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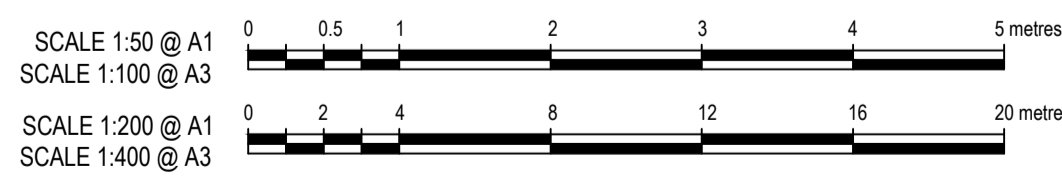


ELEVATION RL 73.108+0.336=73.44m



LONGITUDINAL SECTION - ME01

A1 Horizontal Scale 1 : 200
A1 Vertical scale 1 : 50



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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
BULK EARTHWORKS LONGITUDINAL SECTIONS SHEET 1

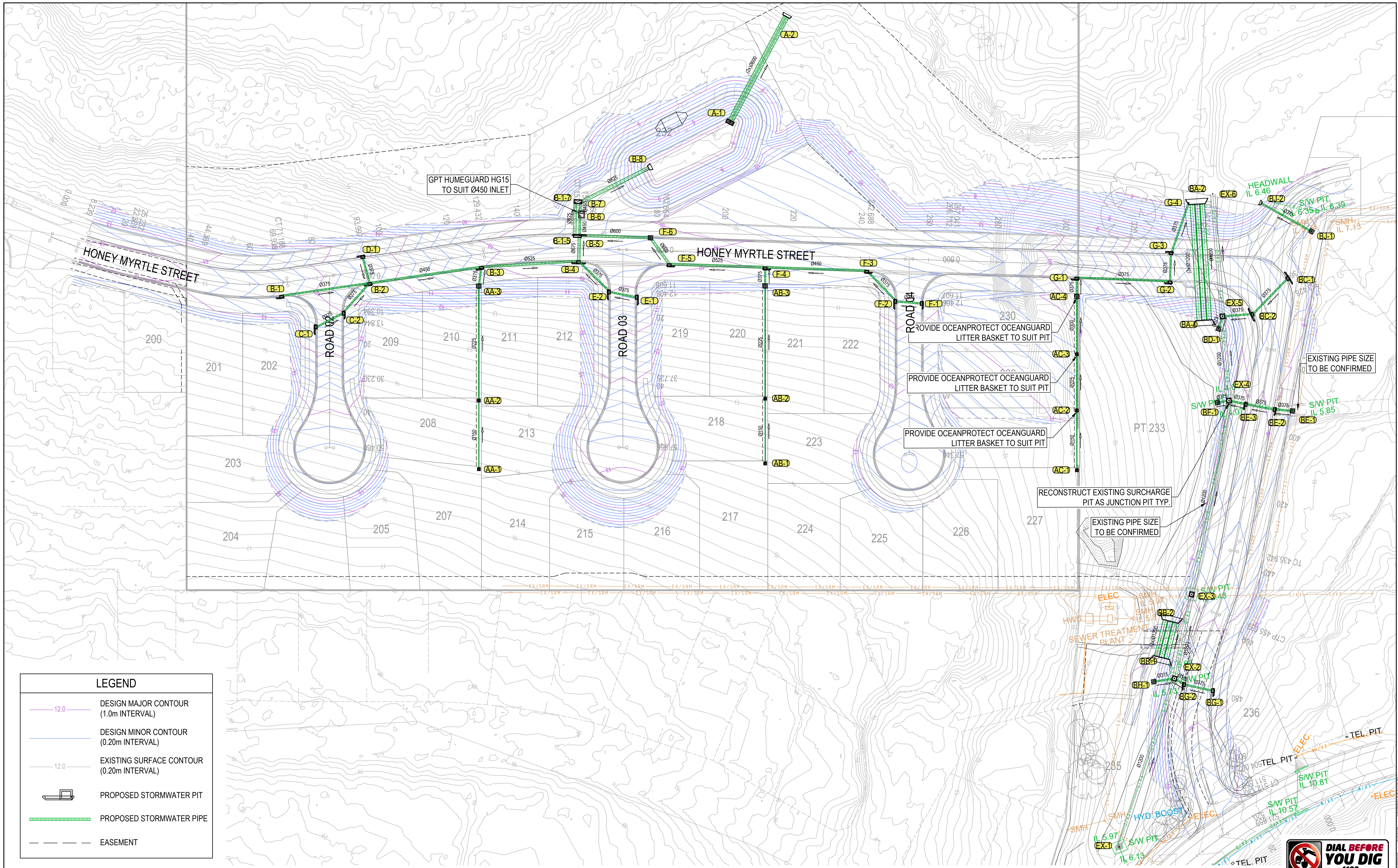
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| JER | DEC 20 | AS SHOWN | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA109-101 | B | | |

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1500_03_01_Thornton Stage 2 Development - Bulk Earthworks Longitudinal Sections - Sheet 01.dwg



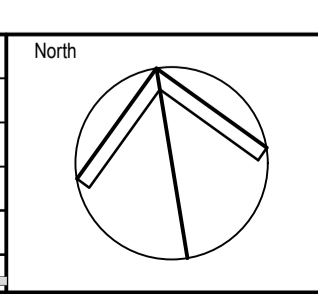
LEGEND

- 12.0 DESIGN MAJOR CONTOUR (1.0m INTERVAL)
- 0.20m DESIGN MINOR CONTOUR (0.20m INTERVAL)
- 12.0 EXISTING SURFACE CONTOUR (0.20m INTERVAL)
- PROPOSED STORMWATER PIT
- PROPOSED STORMWATER PIPE
- - - EASEMENT

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project
THORNTON STAGE 2 DEVELOPMENT

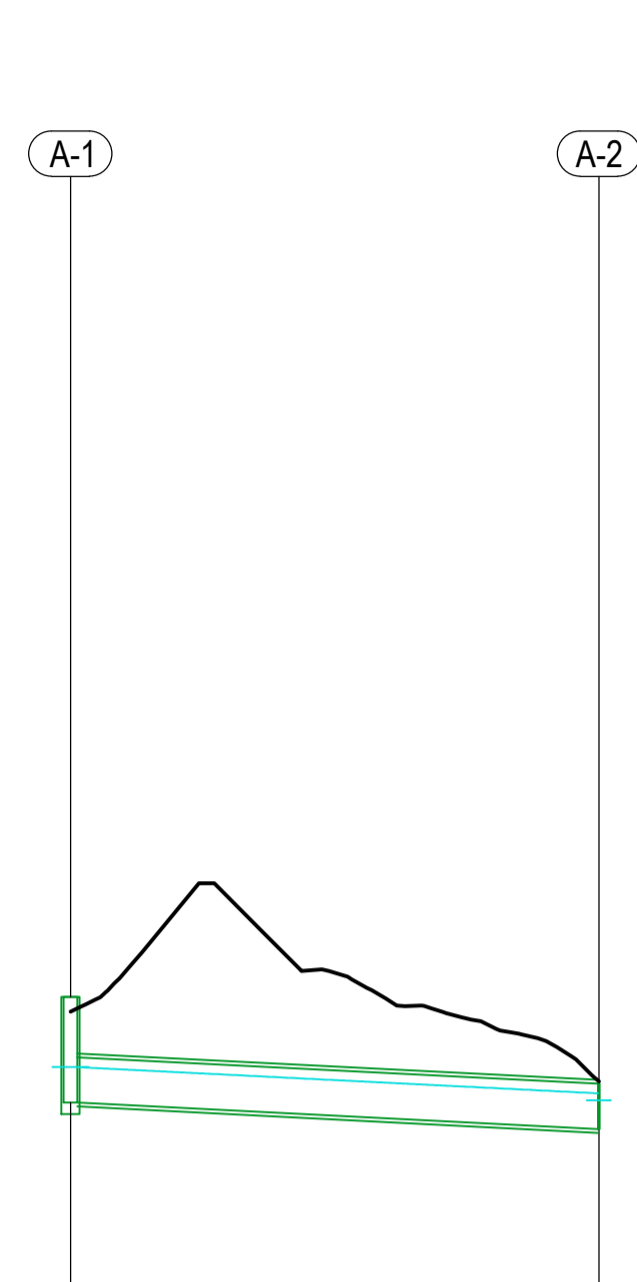
530 RAYMOND TERRACE ROAD
THORNTON

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-------|----|------------|----------|
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | | | Dwg. No. | Issue |
| BG | NSW202521 | | | DA110-001 | B |

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| LEGEND | |
|--------|----------------------------|
| | - DESIGN SURFACE |
| | - EXISTING SURFACE |
| | - PROPOSED STORMWATER MAIN |
| | - PROPOSED SEWER MAIN |
| | - PROPOSED WATER MAIN |



| | |
|------------------|----------|
| VELOCITY (m/s) | 2.47 |
| PIPE FLOW (m3/s) | 0.59 |
| PIPE GRADE (%) | 1.00 |
| PIPE SIZE (mm) | Ø(2x)600 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 34.95 |

| DATUM R.L. -8.00 | |
|-------------------------------------|----------------|
| HYDRAULIC GRADE LINE | 7.22 6.87 6.87 |
| DEPTH TO INVERT FROM DESIGN SURFACE | 1.40 0.60 0.60 |
| INVERT LEVEL | 6.75 6.40 6.40 |
| DESIGN SURFACE LEVEL | 7.95 7.03 7.03 |
| EXISTING SURFACE LEVEL | 8.15 7.00 7.00 |
| CHAINAGE | 0.00 34.95 |

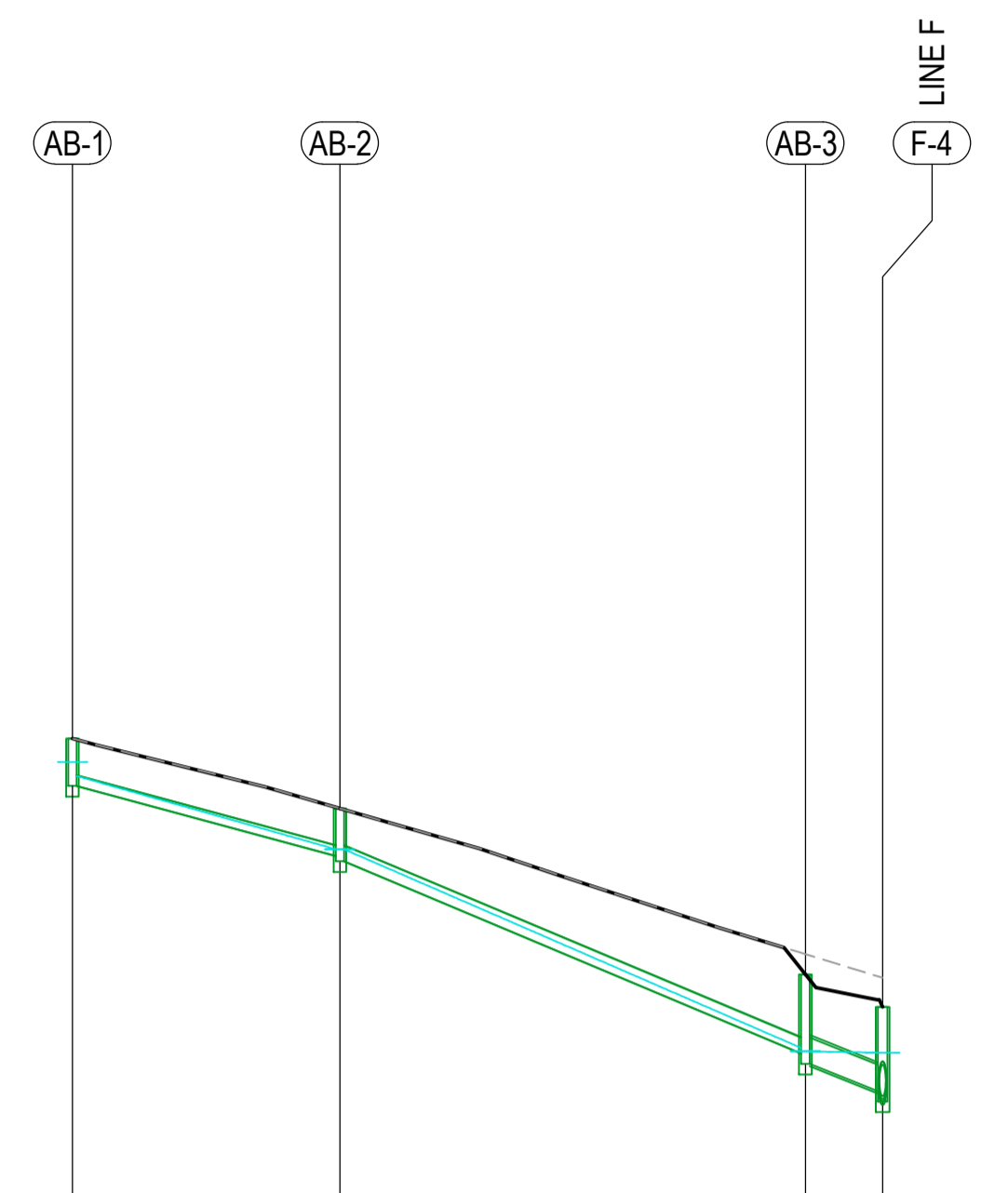
LINE A
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100



| | | | |
|------------------|-------|-------|-------|
| VELOCITY (m/s) | 2.04 | 3.70 | 0.91 |
| PIPE FLOW (m3/s) | 0.03 | 0.04 | 0.06 |
| PIPE GRADE (%) | 5.72 | 11.36 | 7.51 |
| PIPE SIZE (mm) | Ø150 | Ø225 | Ø375 |
| PIPE CLASS | PVC-U | PVC-U | RCP-4 |
| LENGTH (m) | 20.14 | 33.56 | 5.70 |

| DATUM R.L. -4.00 | |
|-------------------------------------|---|
| HYDRAULIC GRADE LINE | 14.57 13.38 13.38 9.46 9.46 9.45 9.36 |
| DEPTH TO INVERT FROM DESIGN SURFACE | 0.67 0.67 0.75 1.12 1.27 1.20 1.35 |
| INVERT LEVEL | 14.43 13.28 13.20 9.39 9.24 8.81 8.66 |
| DESIGN SURFACE LEVEL | 15.10 13.95 13.95 10.51 10.51 10.01 10.01 |
| EXISTING SURFACE LEVEL | 15.10 13.95 11.45 10.85 10.85 10.44 10.44 |
| CHAINAGE | 0.00 20.14 53.70 59.40 |

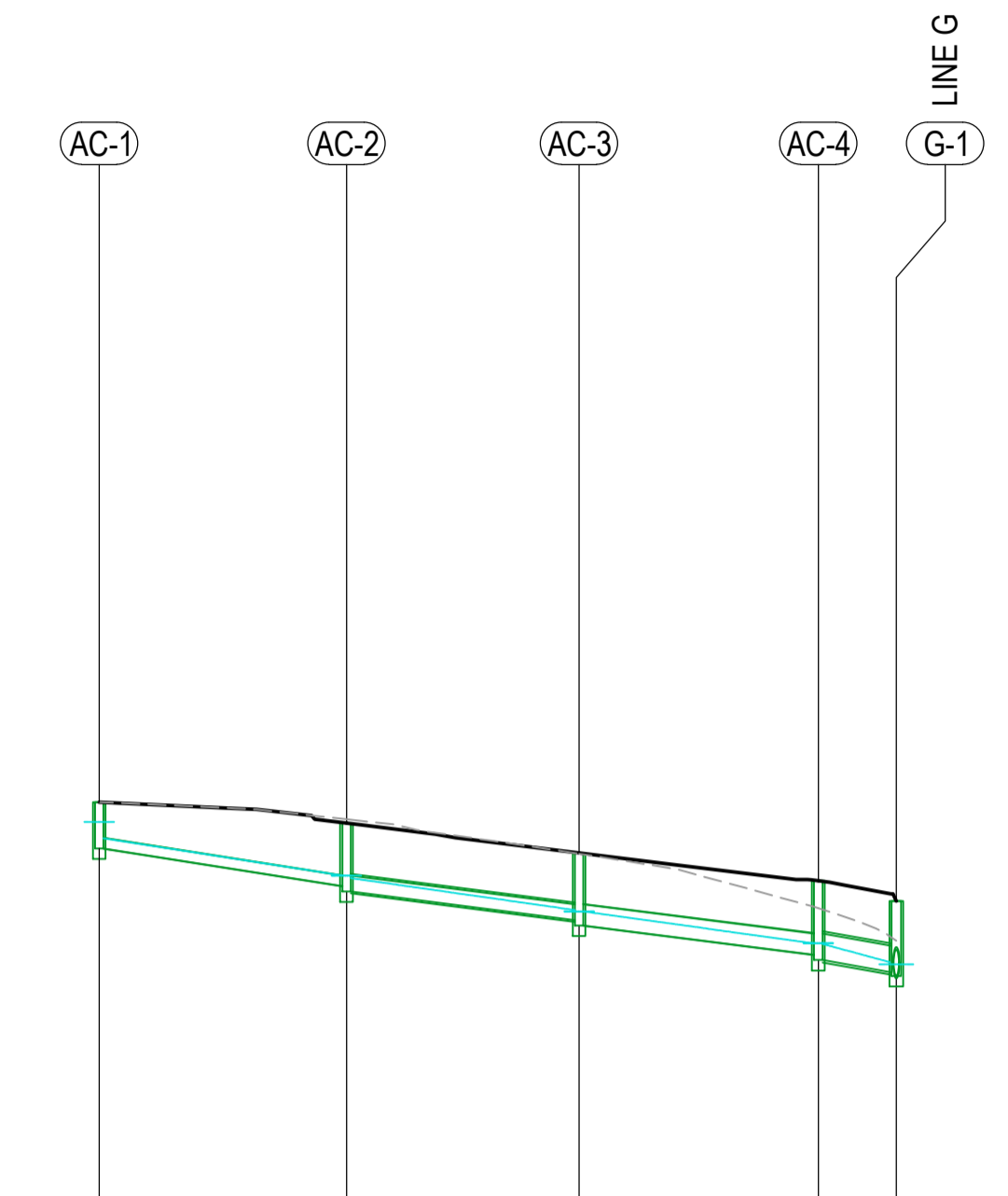
LINE AA



| | | | |
|------------------|-------|-------|-------|
| VELOCITY (m/s) | 2.23 | 3.59 | 1.23 |
| PIPE FLOW (m3/s) | 0.03 | 0.04 | 0.06 |
| PIPE GRADE (%) | 5.24 | 8.25 | 7.05 |
| PIPE SIZE (mm) | Ø150 | Ø225 | Ø375 |
| PIPE CLASS | PVC-U | PVC-U | RCP-4 |
| LENGTH (m) | 19.00 | 33.08 | 5.49 |

| DATUM R.L. -5.00 | |
|-------------------------------------|---|
| HYDRAULIC GRADE LINE | 13.30 12.26 12.26 9.44 9.39 9.37 9.25 |
| DEPTH TO INVERT FROM DESIGN SURFACE | 0.67 0.67 0.75 1.12 1.27 1.20 1.35 |
| INVERT LEVEL | 13.16 12.17 12.09 9.36 9.21 8.83 8.68 |
| DESIGN SURFACE LEVEL | 13.84 12.84 12.84 10.49 10.49 10.02 10.02 |
| EXISTING SURFACE LEVEL | 13.84 12.84 10.77 10.44 10.44 10.02 10.02 |
| CHAINAGE | 0.00 19.00 52.08 57.56 |

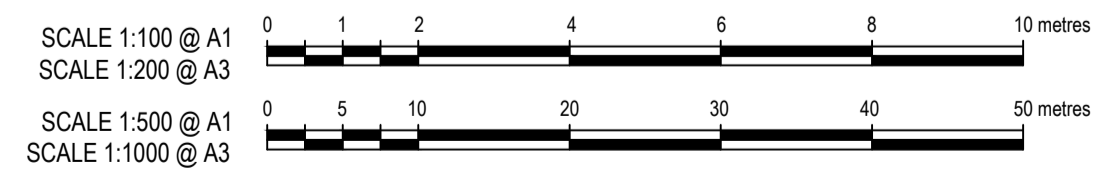
LINE AB



| | | | | |
|------------------|-------|-------|-------|-------|
| VELOCITY (m/s) | 1.65 | 1.95 | 1.94 | 2.47 |
| PIPE FLOW (m3/s) | 0.03 | 0.05 | 0.07 | 0.1 |
| PIPE GRADE (%) | 3.04 | 2.47 | 2.44 | 3.18 |
| PIPE SIZE (mm) | Ø150 | Ø225 | Ø300 | Ø375 |
| PIPE CLASS | PVC-U | RCP-4 | PVC-U | RCP-4 |
| LENGTH (m) | 17.54 | 16.50 | 16.96 | 5.53 |

| DATUM R.L. -7.00 | |
|-------------------------------------|---|
| HYDRAULIC GRADE LINE | 10.45 9.92 9.88 9.43 9.41 8.96 8.95 8.69 8.66 |
| DEPTH TO INVERT FROM DESIGN SURFACE | 0.66 0.89 0.97 0.95 1.03 1.05 1.12 1.01 1.06 |
| INVERT LEVEL | 10.30 9.77 9.70 9.29 9.21 8.80 8.72 8.55 8.50 |
| DESIGN SURFACE LEVEL | 10.96 10.66 10.66 10.24 10.24 9.85 9.85 9.56 9.56 |
| EXISTING SURFACE LEVEL | 10.96 10.72 10.23 9.46 9.46 9.00 9.00 9.00 9.00 |
| CHAINAGE | -17.54 -0.00 16.50 33.46 39.00 |

LINE AC



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| Issue | Description | Date | Drawn | Approved |
|-------|------------------------|----------|-------|----------|
| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
LANDLINK PTY LTD



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Level 1, 54 Union Street
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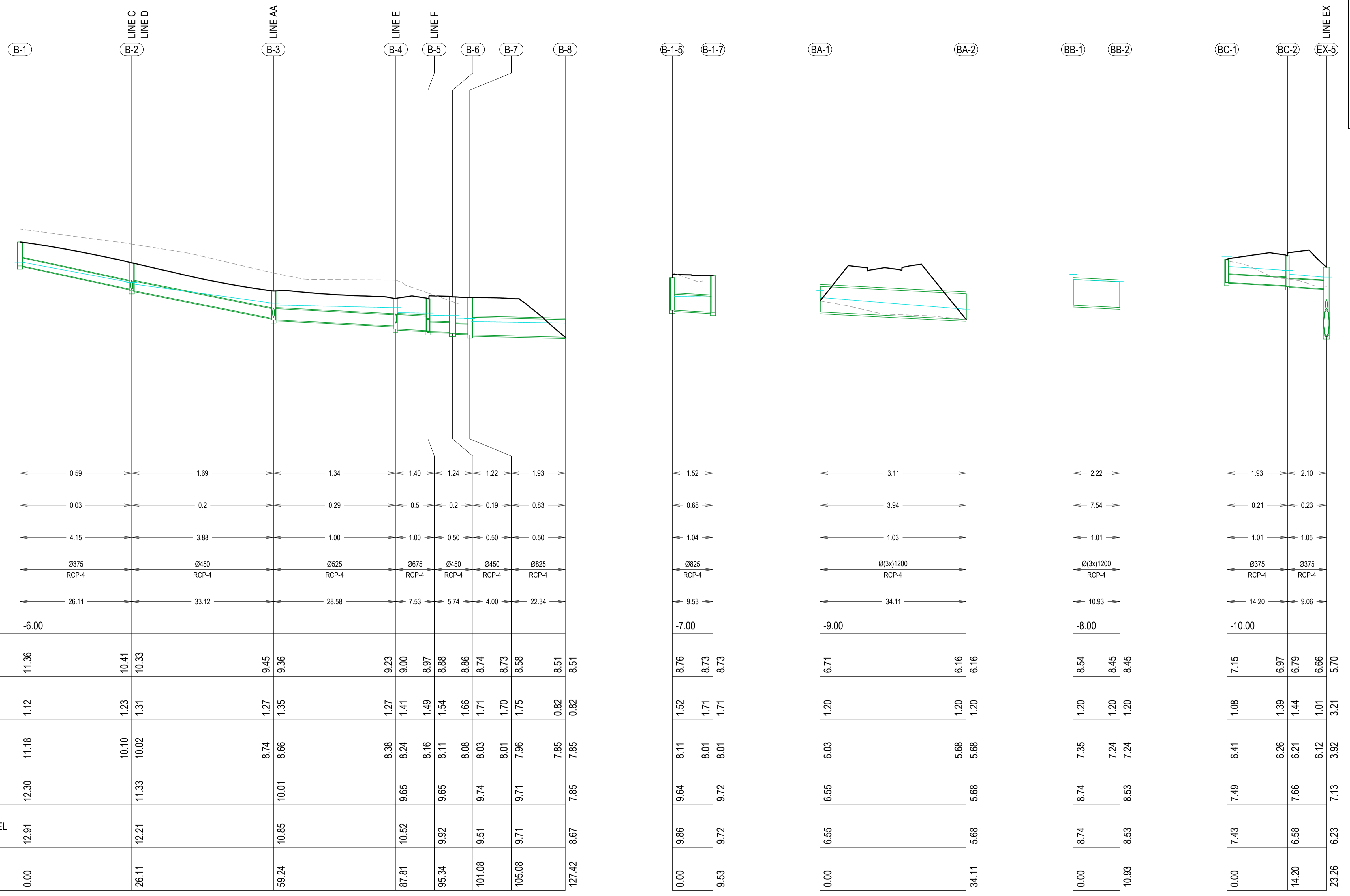
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title | | Project | | G.A. Check | |
|----------------------------------|-------------|-----------|-------|------------|--|
| STORMWATER LONGITUDINAL SECTIONS | | NSW202521 | | JPR | |
| SHEET 1 | | DA110-201 | | 16.05.22 | |
| Drawn | Date | Scale | A1 | Date | |
| JER | DEC 20 | AS SHOWN | | 16.05.22 | |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA110-201 | B | | |

DO NOT REPRODUCE IN GREYSCALE NOT FOR CONSTRUCTION

LEGEND

- DESIGN SURFACE
- - - EXISTING SURFACE
- DR - PROPOSED STORMWATER MAIN
- SWR - PROPOSED SEWER MAIN
- WAT - PROPOSED WATER MAIN



| | | | | | | | |
|------------------|-------|-------|-------|-------|-------|-------|-------|
| VELOCITY (m/s) | 0.59 | 1.69 | 1.34 | 1.40 | 1.24 | 1.22 | 1.93 |
| PIPE FLOW (m3/s) | 0.03 | 0.2 | 0.29 | 0.5 | 0.2 | 0.19 | 0.83 |
| PIPE GRADE (%) | 4.15 | 3.88 | 1.00 | 1.00 | 0.50 | 0.50 | 0.50 |
| PIPE SIZE (mm) | Ø375 | Ø450 | Ø525 | Ø675 | Ø450 | Ø450 | Ø825 |
| PIPE CLASS | RCP-4 | RCP-4 | RCP-4 | RCP-4 | RCP-4 | RCP-4 | RCP-4 |
| LENGTH (m) | 26.11 | 33.12 | 28.58 | 7.53 | 5.74 | 4.00 | 22.34 |

| | | | | | | | | | | | | | | | |
|-------------------------------------|-------|-------|-------|-------|-------|--------|--------|--------|------|------|------|------|------|------|------|
| DATUM R.L. | -6.00 | | | | | | | | | | | | | | |
| HYDRAULIC GRADE LINE | 11.36 | 10.41 | 9.45 | 9.23 | 9.00 | 8.97 | 8.88 | 8.86 | 8.74 | 8.73 | 8.51 | 8.51 | | | |
| DEPTH TO INVERT FROM DESIGN SURFACE | 1.12 | 1.23 | 1.31 | 1.27 | 1.35 | 1.27 | 1.41 | 1.49 | 1.54 | 1.66 | 1.71 | 1.70 | 1.75 | 0.82 | 0.82 |
| INVERT LEVEL | 11.18 | 10.10 | 10.02 | 8.74 | 8.66 | 8.38 | 8.24 | 8.16 | 8.11 | 8.08 | 8.03 | 8.01 | 7.96 | 7.85 | 7.85 |
| DESIGN SURFACE LEVEL | 12.30 | 11.33 | 10.01 | 9.65 | 9.65 | 9.74 | 9.74 | 9.71 | 9.71 | 7.85 | 7.85 | 7.85 | 7.85 | 7.85 | 7.85 |
| EXISTING SURFACE LEVEL | 12.91 | 12.21 | 10.85 | 10.52 | 9.92 | 9.51 | 9.51 | 9.71 | 9.71 | 8.67 | 8.67 | 8.67 | 8.67 | 8.67 | 8.67 |
| CHAINAGE | 0.00 | 26.11 | 59.24 | 87.81 | 95.34 | 101.08 | 105.08 | 127.42 | 8.67 | 8.67 | 8.67 | 8.67 | 8.67 | 8.67 | 8.67 |

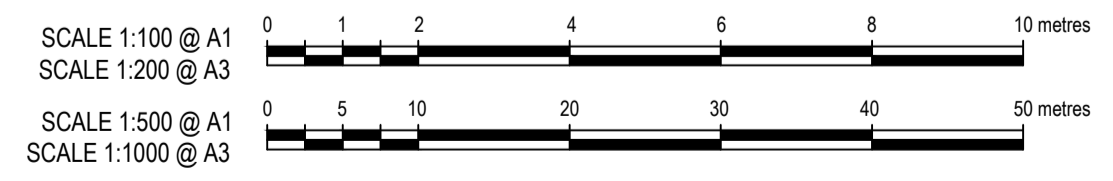
LINE B
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

LINE B-1

LINE BA

LINE BB

LINE BC



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| Issue | Description | Date | Drawn | Approved |
| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |

Client
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Cooks Hill, Newcastle NSW 2300
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

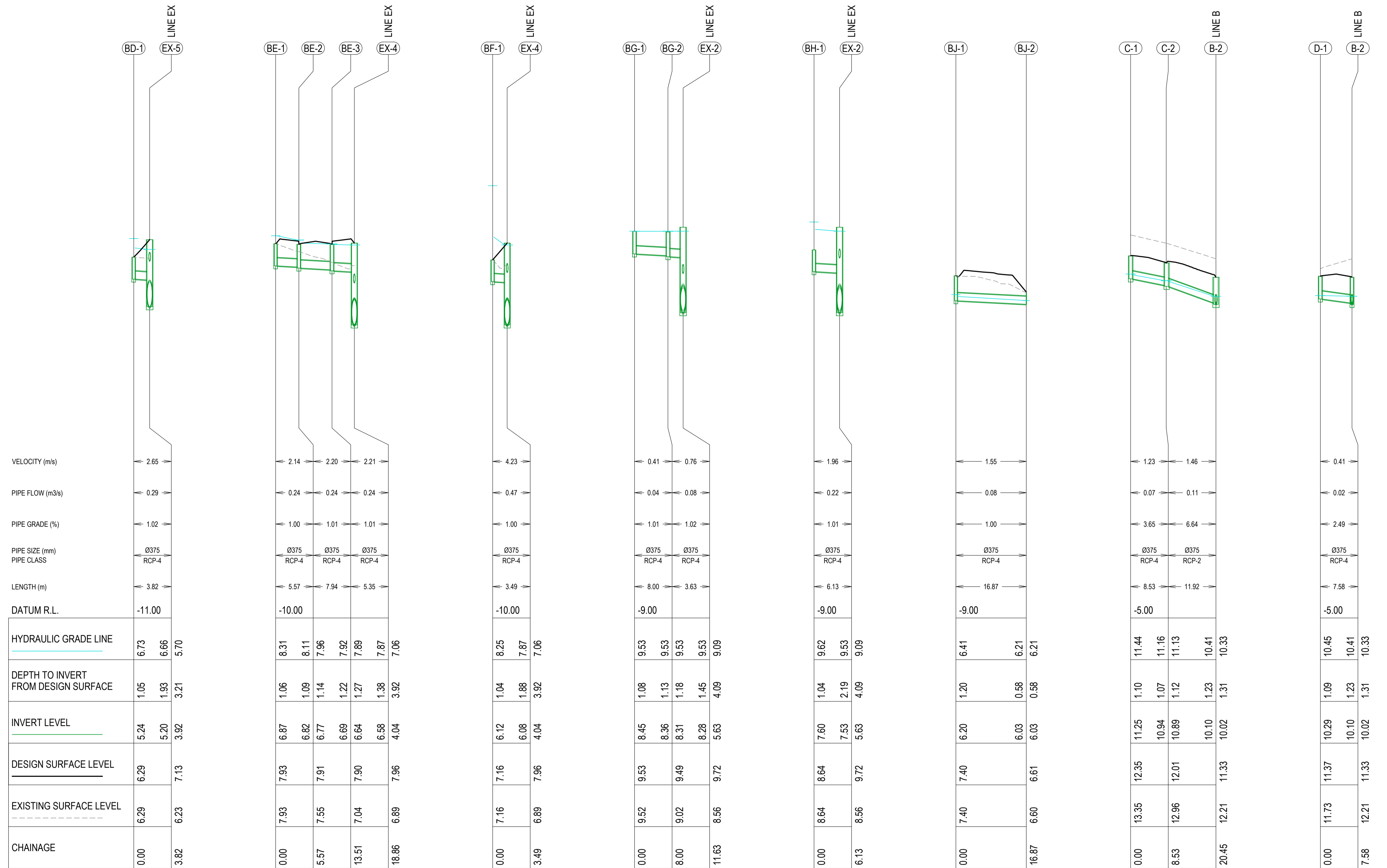
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|----------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | AS SHOWN | JPR | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA110-202 | B | | |

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15/05/2022 11:52 AM

LEGEND

- DESIGN SURFACE
- - - EXISTING SURFACE
- DR - PROPOSED STORMWATER MAIN
- SWR - PROPOSED SEWER MAIN
- WAT - PROPOSED WATER MAIN



| | |
|------------------|--------|
| VELOCITY (m/s) | 2.65 |
| PIPE FLOW (m3/s) | 0.29 |
| PIPE GRADE (%) | 1.02 |
| PIPE SIZE (mm) | Ø375 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 3.82 |
| DATUM R.L. | -11.00 |

| | |
|--|----------------|
| HYDRAULIC GRADE LINE | |
| | 6.73 6.66 5.70 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.05 1.93 3.21 |
| INVERT LEVEL | |
| | 5.24 5.20 3.92 |
| DESIGN SURFACE LEVEL | |
| | 6.29 7.13 |
| EXISTING SURFACE LEVEL | |
| | 6.29 6.23 |
| CHAINAGE | |
| | 0.00 3.82 |

| | | | |
|------------------|--------|-------|-------|
| VELOCITY (m/s) | 2.14 | 2.20 | 2.21 |
| PIPE FLOW (m3/s) | 0.24 | 0.24 | 0.24 |
| PIPE GRADE (%) | 1.00 | 1.01 | 1.01 |
| PIPE SIZE (mm) | Ø375 | Ø375 | Ø375 |
| PIPE CLASS | RCP-4 | RCP-4 | RCP-4 |
| LENGTH (m) | 5.57 | 7.94 | 5.35 |
| DATUM R.L. | -10.00 | | |

| | |
|--|------------------------------------|
| HYDRAULIC GRADE LINE | |
| | 8.31 8.11 7.96 7.92 7.89 7.87 7.06 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.06 1.09 1.14 1.22 1.27 1.38 3.92 |
| INVERT LEVEL | |
| | 6.87 6.82 6.77 6.69 6.64 6.58 4.04 |
| DESIGN SURFACE LEVEL | |
| | 7.93 7.91 7.90 7.96 |
| EXISTING SURFACE LEVEL | |
| | 7.93 7.55 7.04 6.89 |
| CHAINAGE | |
| | 0.00 5.57 13.51 18.86 |

| | |
|------------------|--------|
| VELOCITY (m/s) | 4.23 |
| PIPE FLOW (m3/s) | 0.47 |
| PIPE GRADE (%) | 1.00 |
| PIPE SIZE (mm) | Ø375 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 3.49 |
| DATUM R.L. | -10.00 |

| | |
|--|---------------------|
| HYDRAULIC GRADE LINE | |
| | 8.25 8.25 7.87 7.06 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.04 1.88 3.92 |
| INVERT LEVEL | |
| | 6.12 6.08 4.04 |
| DESIGN SURFACE LEVEL | |
| | 7.16 7.96 |
| EXISTING SURFACE LEVEL | |
| | 7.16 6.89 |
| CHAINAGE | |
| | 0.00 3.49 |

| | | |
|------------------|-------|-------|
| VELOCITY (m/s) | 0.41 | 0.76 |
| PIPE FLOW (m3/s) | 0.04 | 0.08 |
| PIPE GRADE (%) | 1.01 | 1.02 |
| PIPE SIZE (mm) | Ø375 | Ø375 |
| PIPE CLASS | RCP-4 | RCP-4 |
| LENGTH (m) | 8.00 | 3.63 |
| DATUM R.L. | -9.00 | |

| | |
|--|--------------------------|
| HYDRAULIC GRADE LINE | |
| | 9.53 9.53 9.53 9.53 9.09 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.08 1.13 1.18 1.45 4.09 |
| INVERT LEVEL | |
| | 8.45 8.36 8.31 8.28 5.63 |
| DESIGN SURFACE LEVEL | |
| | 9.53 9.49 9.72 |
| EXISTING SURFACE LEVEL | |
| | 9.52 9.02 8.56 |
| CHAINAGE | |
| | 0.00 8.00 11.63 |

| | |
|------------------|-------|
| VELOCITY (m/s) | 1.96 |
| PIPE FLOW (m3/s) | 0.22 |
| PIPE GRADE (%) | 1.01 |
| PIPE SIZE (mm) | Ø375 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 6.13 |
| DATUM R.L. | -9.00 |

| | |
|--|----------------|
| HYDRAULIC GRADE LINE | |
| | 9.62 9.53 9.09 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.04 2.19 4.09 |
| INVERT LEVEL | |
| | 7.60 7.53 5.63 |
| DESIGN SURFACE LEVEL | |
| | 8.64 9.72 |
| EXISTING SURFACE LEVEL | |
| | 8.64 8.56 |
| CHAINAGE | |
| | 0.00 6.13 |

| | |
|------------------|-------|
| VELOCITY (m/s) | 1.55 |
| PIPE FLOW (m3/s) | 0.08 |
| PIPE GRADE (%) | 1.00 |
| PIPE SIZE (mm) | Ø375 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 16.87 |
| DATUM R.L. | -9.00 |

| | |
|--|----------------|
| HYDRAULIC GRADE LINE | |
| | 6.41 6.21 6.21 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.20 0.88 0.58 |
| INVERT LEVEL | |
| | 6.20 6.03 6.03 |
| DESIGN SURFACE LEVEL | |
| | 7.40 6.61 |
| EXISTING SURFACE LEVEL | |
| | 7.40 6.60 |
| CHAINAGE | |
| | 0.00 16.87 |

| | | |
|------------------|-------|-------|
| VELOCITY (m/s) | 1.23 | 1.46 |
| PIPE FLOW (m3/s) | 0.07 | 0.11 |
| PIPE GRADE (%) | 3.65 | 6.64 |
| PIPE SIZE (mm) | Ø375 | Ø375 |
| PIPE CLASS | RCP-4 | RCP-2 |
| LENGTH (m) | 8.53 | 11.92 |
| DATUM R.L. | -5.00 | |

| | |
|--|-------------------------------|
| HYDRAULIC GRADE LINE | |
| | 11.44 11.16 11.13 10.41 10.33 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.10 1.07 1.12 1.23 1.31 |
| INVERT LEVEL | |
| | 11.25 10.94 10.89 10.10 10.02 |
| DESIGN SURFACE LEVEL | |
| | 12.35 12.01 11.33 |
| EXISTING SURFACE LEVEL | |
| | 13.35 12.96 12.21 |
| CHAINAGE | |
| | 0.00 8.53 20.45 |

| | |
|------------------|-------|
| VELOCITY (m/s) | 0.41 |
| PIPE FLOW (m3/s) | 0.02 |
| PIPE GRADE (%) | 2.49 |
| PIPE SIZE (mm) | Ø375 |
| PIPE CLASS | RCP-4 |
| LENGTH (m) | 7.58 |
| DATUM R.L. | -5.00 |

| | |
|--|-------------------|
| HYDRAULIC GRADE LINE | |
| | 10.45 10.41 10.33 |
| DEPTH TO INVERT FROM DESIGN SURFACE | |
| | 1.09 1.23 1.31 |
| INVERT LEVEL | |
| | 10.29 10.10 10.02 |
| DESIGN SURFACE LEVEL | |
| | 11.37 11.33 |
| EXISTING SURFACE LEVEL | |
| | 11.73 12.21 |
| CHAINAGE | |
| | 0.00 7.58 |

LINE BD
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

LINE BE

LINE BF

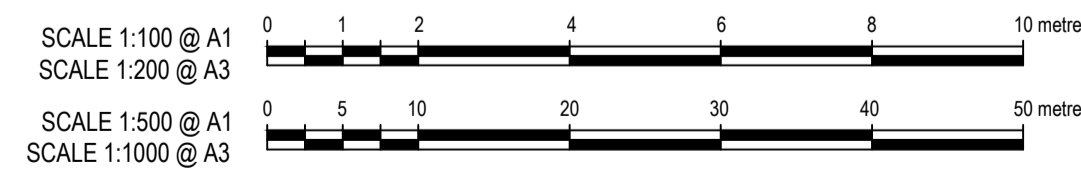
LINE BG

LINE BH

LINE BJ

LINE C

LINE D



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| | North | | | |
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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |
| Issue | Description | Date | Drawn | Approved |

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Cooks Hill, Newcastle NSW 2300
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
STORMWATER LONGITUDINAL SECTIONS SHEET 3

| | | | | | |
|----------|-------------|-----------|----|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | AS SHOWN | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | | Issue | |
| BG | NSW202521 | DA110-203 | | B | |

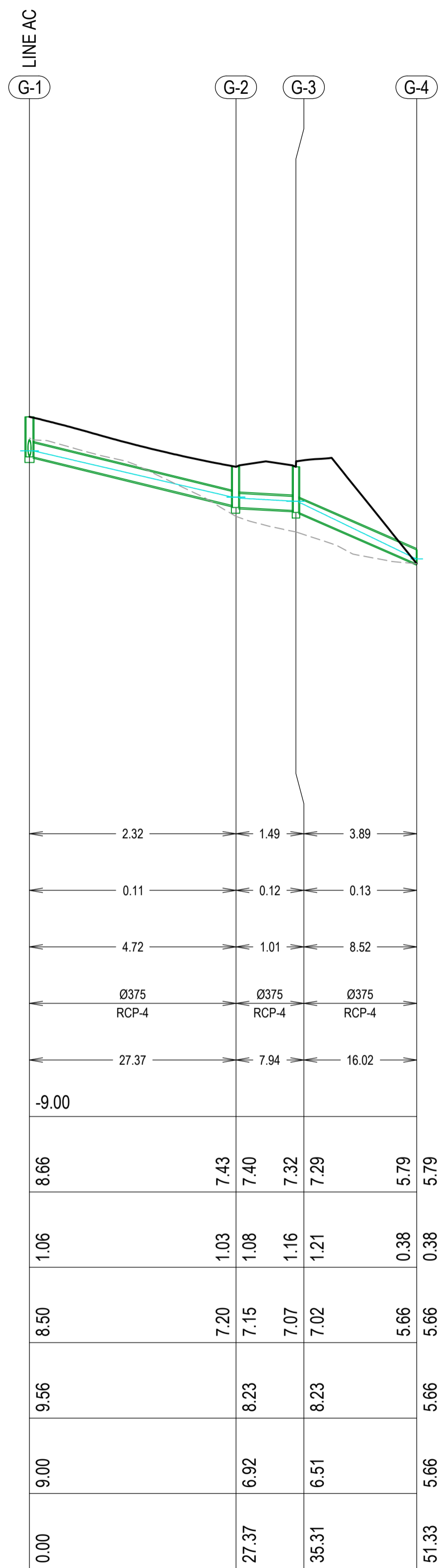
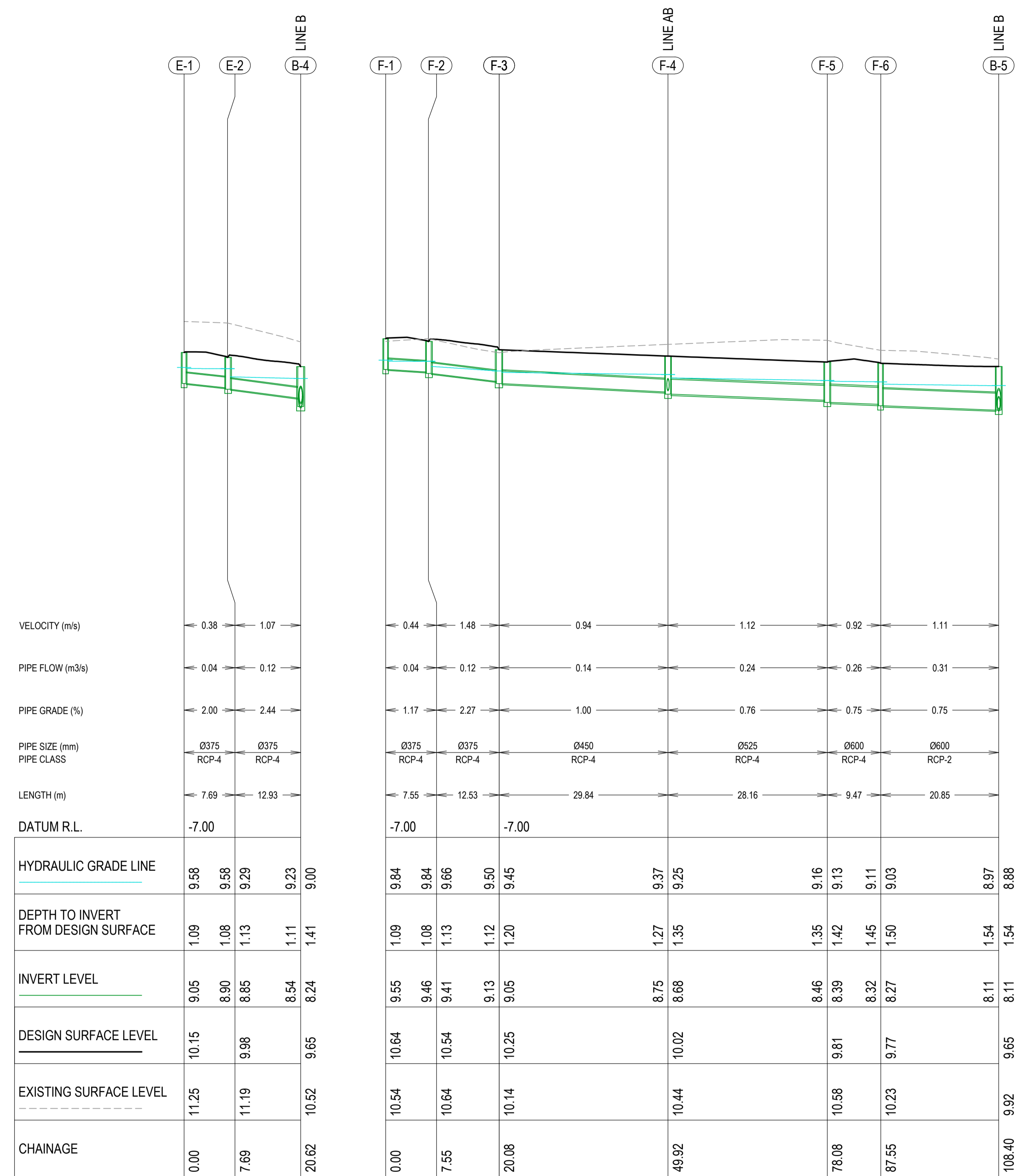
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16/05/2022 11:52am

LEGEND

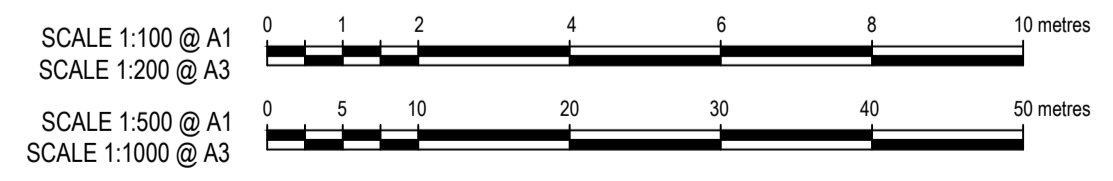
- DESIGN SURFACE
- EXISTING SURFACE
- DR - PROPOSED STORMWATER MAIN
- SWR - PROPOSED SEWER MAIN
- WAT - PROPOSED WATER MAIN



LINE E
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

LINE F

LINE G



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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |
| Issue | Description | Date | Drawn | Approved |

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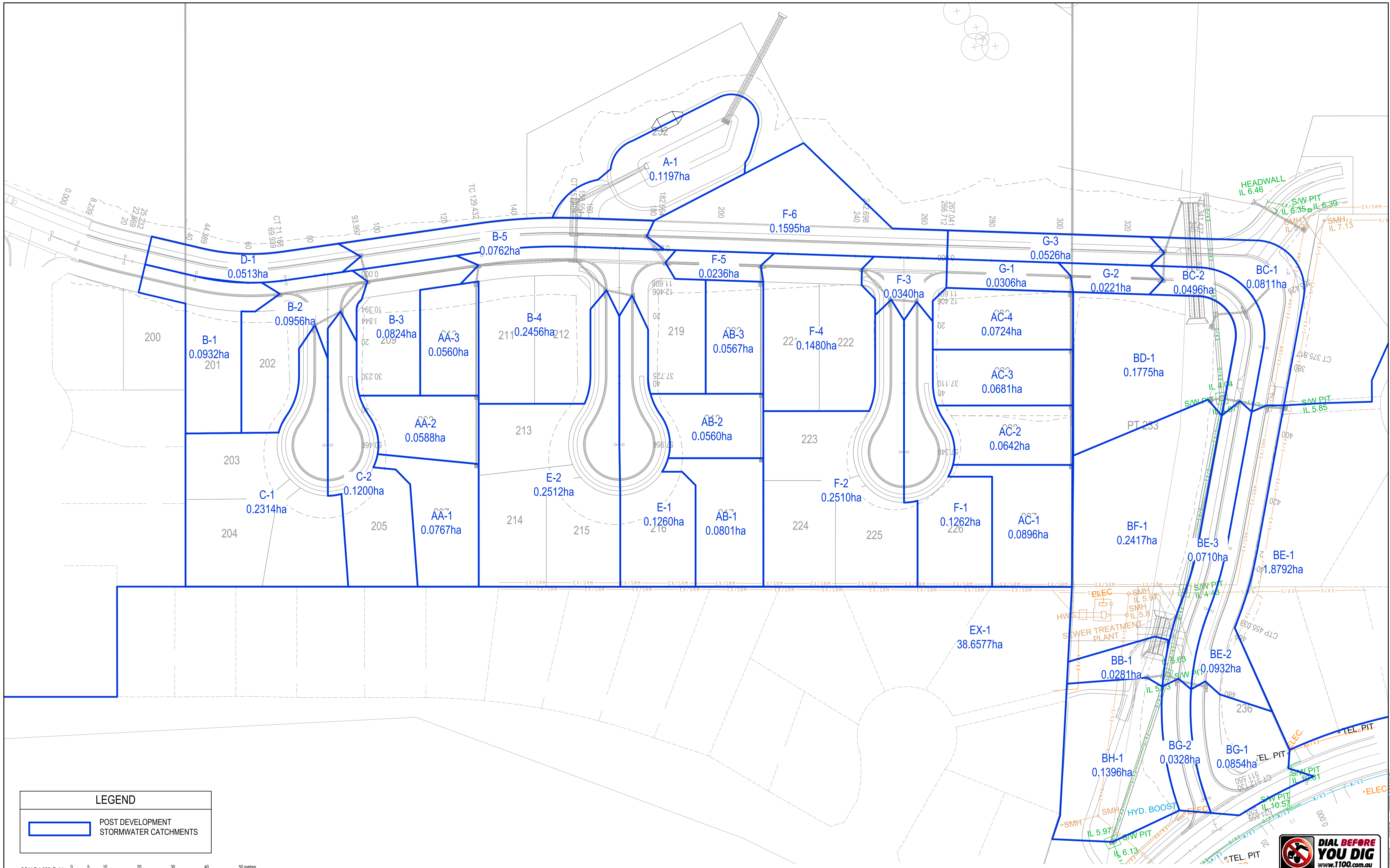
Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

| | | | | |
|--|-------------|-----------|----|------------|
| Drawing Title STORMWATER LONGITUDINAL SECTIONS SHEET 4 | | | | |
| Drawn | Date | Scale | A1 | G.A. Check |
| JER | DEC 20 | AS SHOWN | | JPR |
| Designed | Project No. | Dwg. No. | | Issue |
| BG | NSW202521 | DA110-204 | | B |

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1501301-01-StormwaterLongitudinalSections-THORNTON-STAGE-2-DEVELOPMENT-SHEET-04110-048.rvt



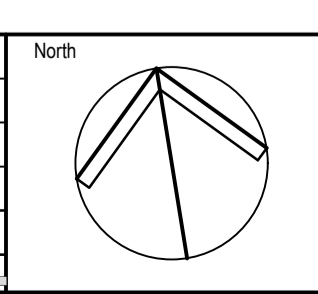
LEGEND

POST DEVELOPMENT STORMWATER CATCHMENTS

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Project: **THORNTON STAGE 2 DEVELOPMENT**

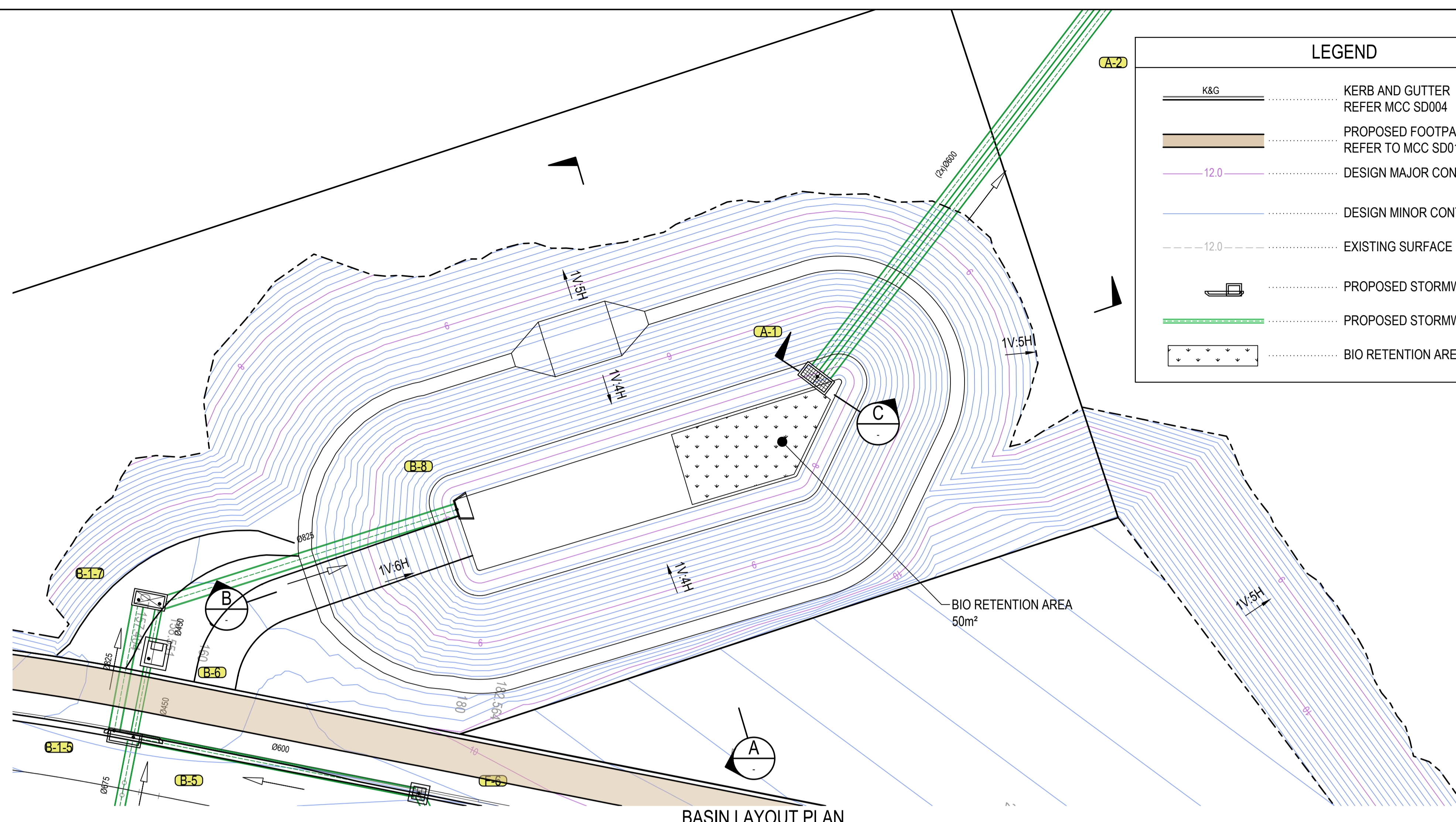
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title: **STORMWATER CATCHMENT PLAN POST-DEVELOPMENT**

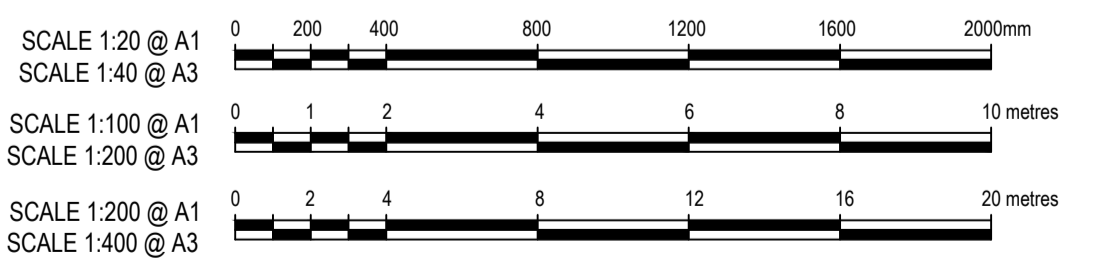
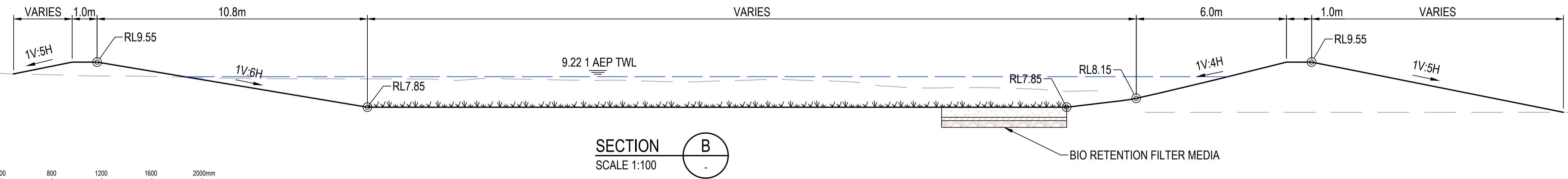
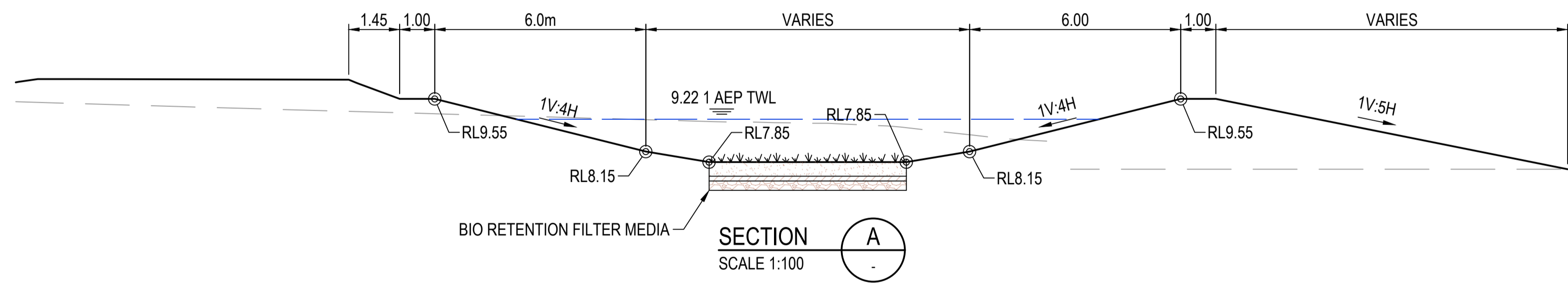
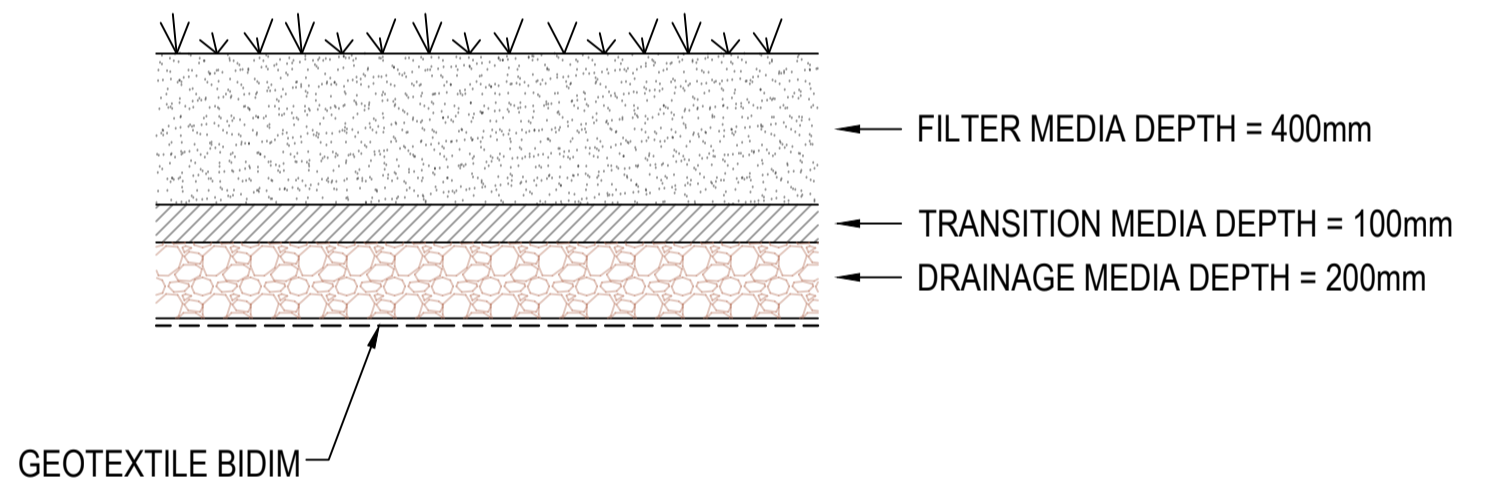
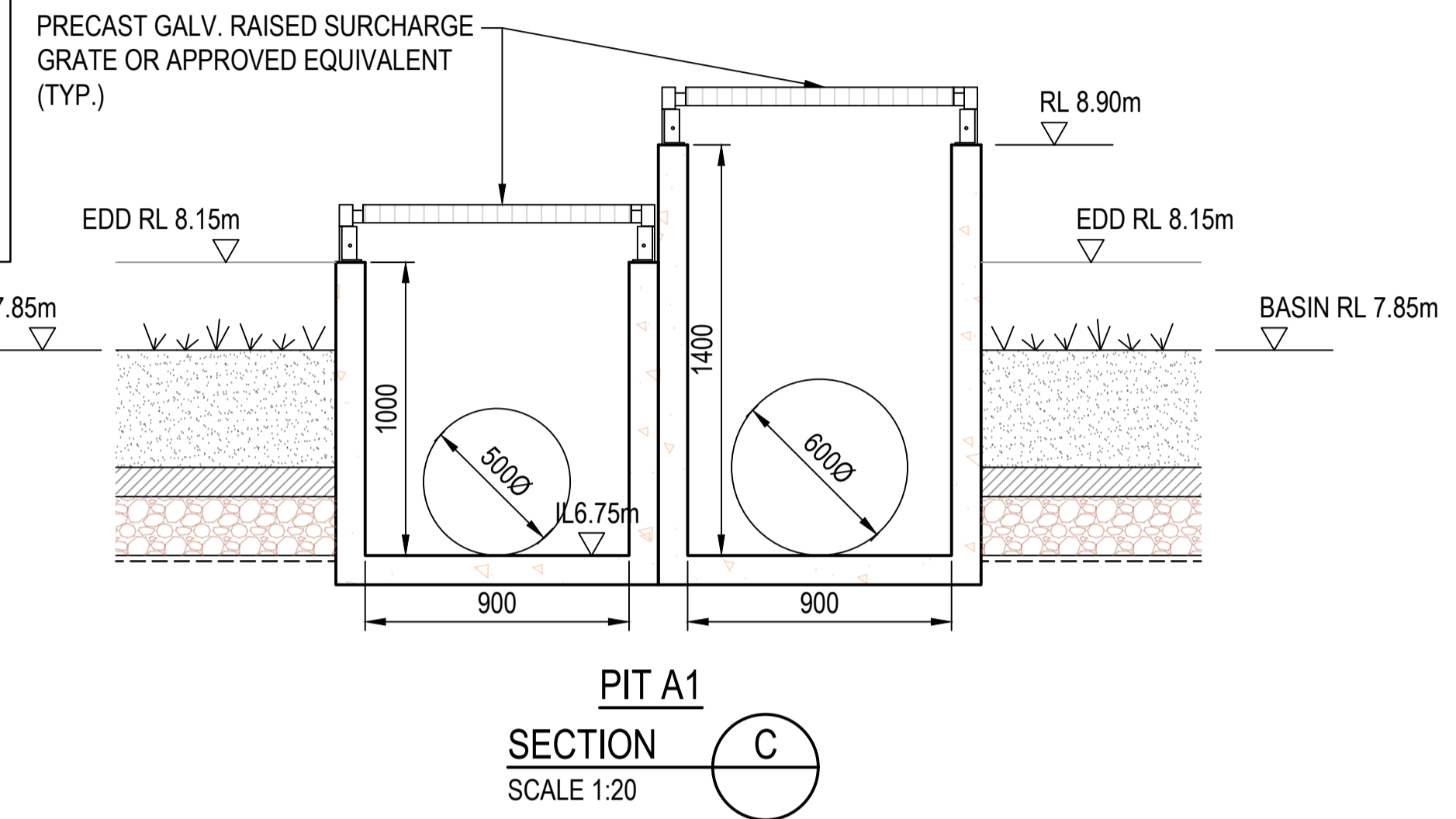
| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA110-401 | B | | |

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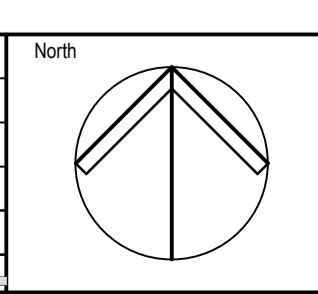


| LEGEND | |
|--------|---|
| | K&G KERB AND GUTTER REFER MCC SD004 |
| | PROPOSED FOOTPATH REFER TO MCC SD012 |
| | DESIGN MAJOR CONTOUR |
| | DESIGN MINOR CONTOUR |
| | EXISTING SURFACE CONTOUR |
| | PROPOSED STORMWATER PIT |
| | PROPOSED STORMWATER PIPE |
| | BIO RETENTION AREA |



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| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |



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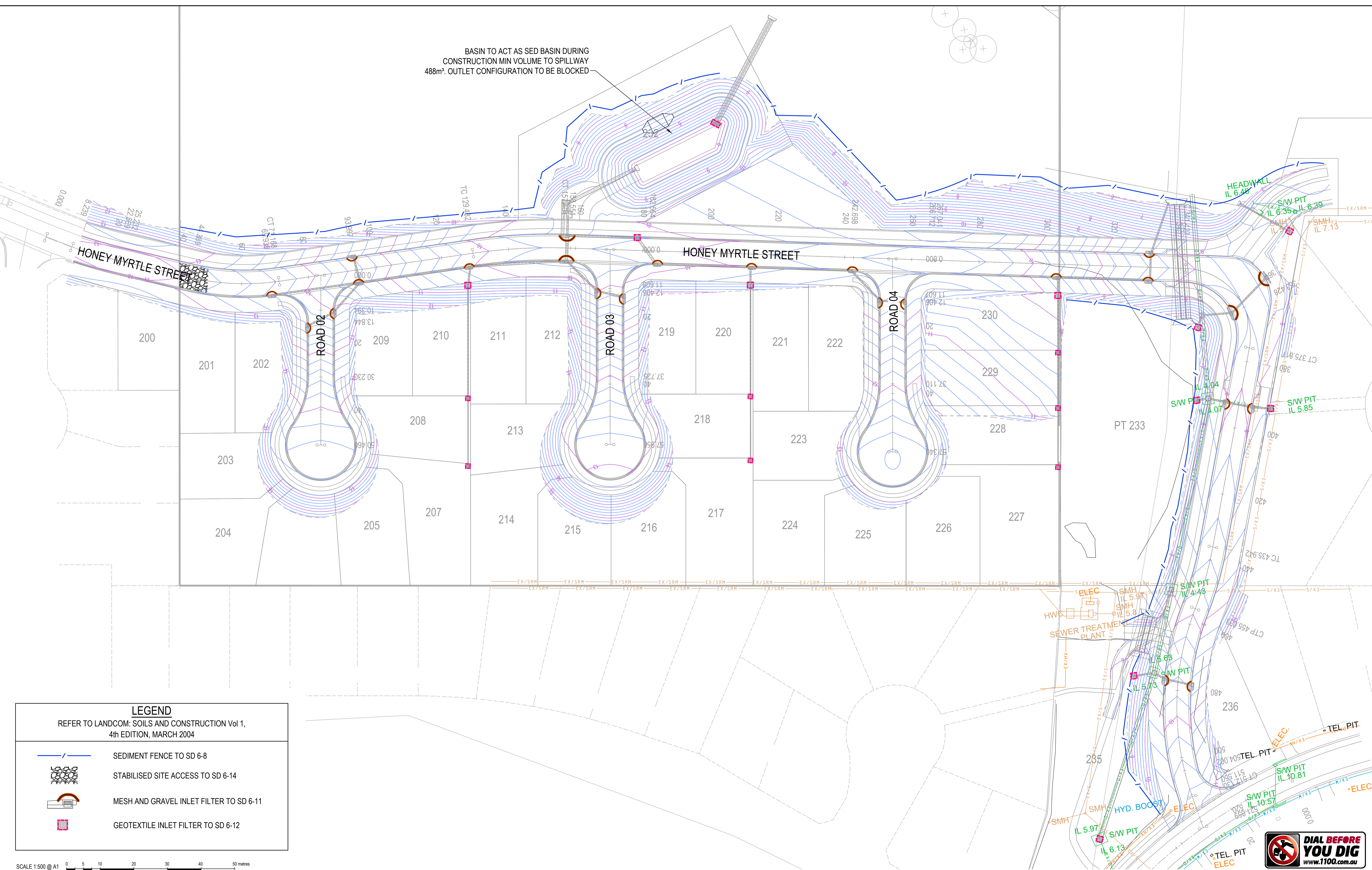
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Cooks Hill, Newcastle NSW 2300
T +61 2 4926 4811

Project: **THORNTON STAGE 2 DEVELOPMENT**
530 RAYMOND TERRACE ROAD
THORNTON

| Drawing Title: BASIN PLAN AND DETAILS | | | | | |
|---------------------------------------|-------------|-----------|-------|------------|----------|
| Drawn | Date | Scale | A1 | G.A. Check | Date |
| JER | DEC 20 | AS SHOWN | | JPR | 16.05.22 |
| Designed | Project No. | Dwg. No. | Issue | | |
| BG | NSW202521 | DA111-001 | B | | |





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BASIN TO ACT AS SED BASIN DURING CONSTRUCTION MIN VOLUME TO SPILLWAY 488m². OUTLET CONFIGURATION TO BE BLOCKED



LEGEND

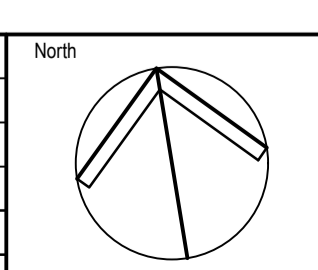
REFER TO LANDCOM: SOILS AND CONSTRUCTION Vol 1, 4th EDITION, MARCH 2004

-  SEDIMENT FENCE TO SD 6-8
-  STABILISED SITE ACCESS TO SD 6-14
-  MESH AND GRAVEL INLET FILTER TO SD 6-11
-  GEOTEXTILE INLET FILTER TO SD 6-12

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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| Issue | Description | Date | Drawn | Approved |
|-------|------------------------|----------|-------|----------|
| B | ISSUED FOR APPROVAL | 17.05.22 | MDM | JPR |
| A | ISSUED FOR INFORMATION | 04.12.20 | JER | JPR |



Client: **LANDLINK PTY LTD**



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Project: **THORNTON STAGE 2 DEVELOPMENT**

530 RAYMOND TERRACE ROAD
THORNTON

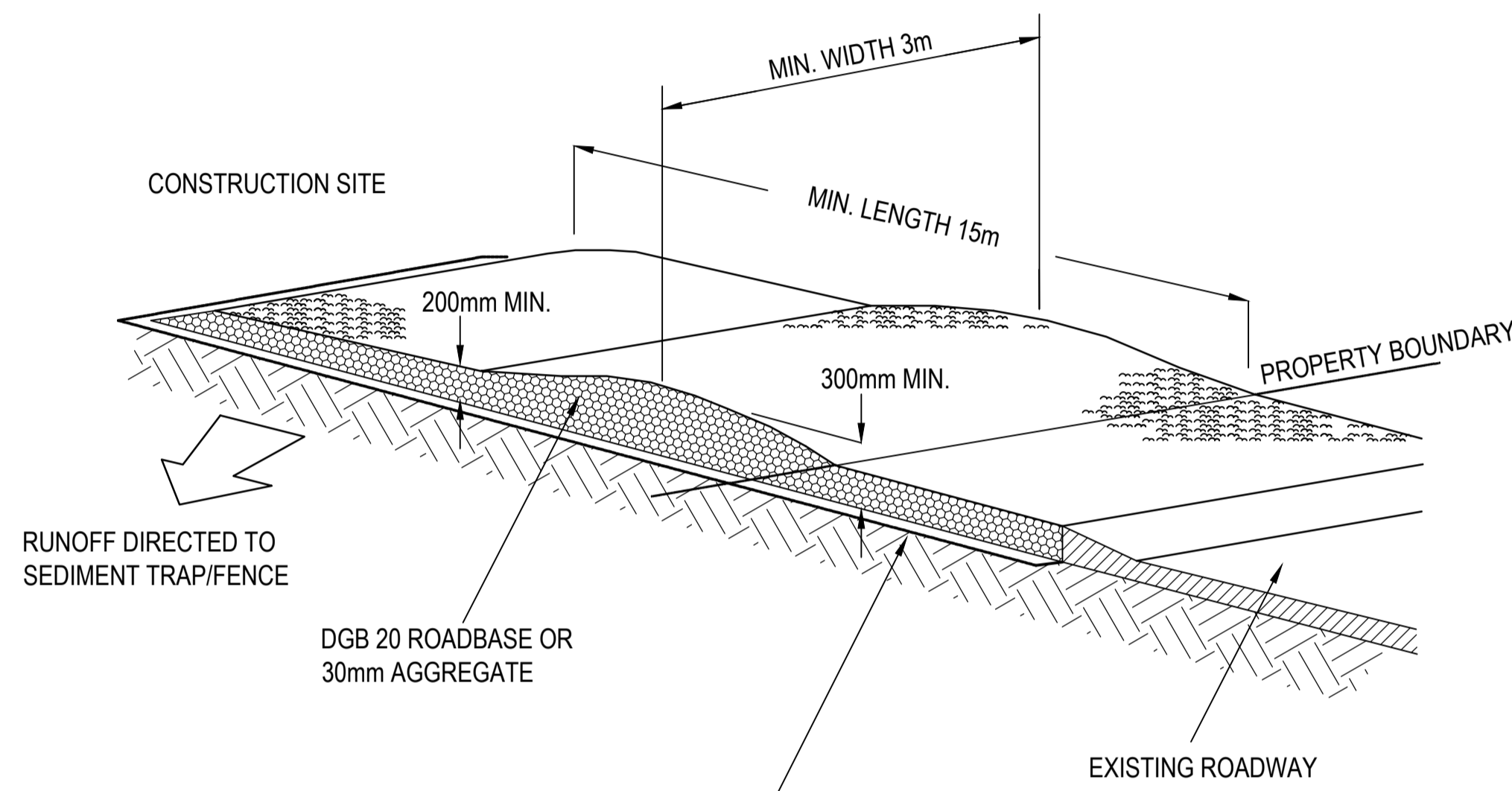
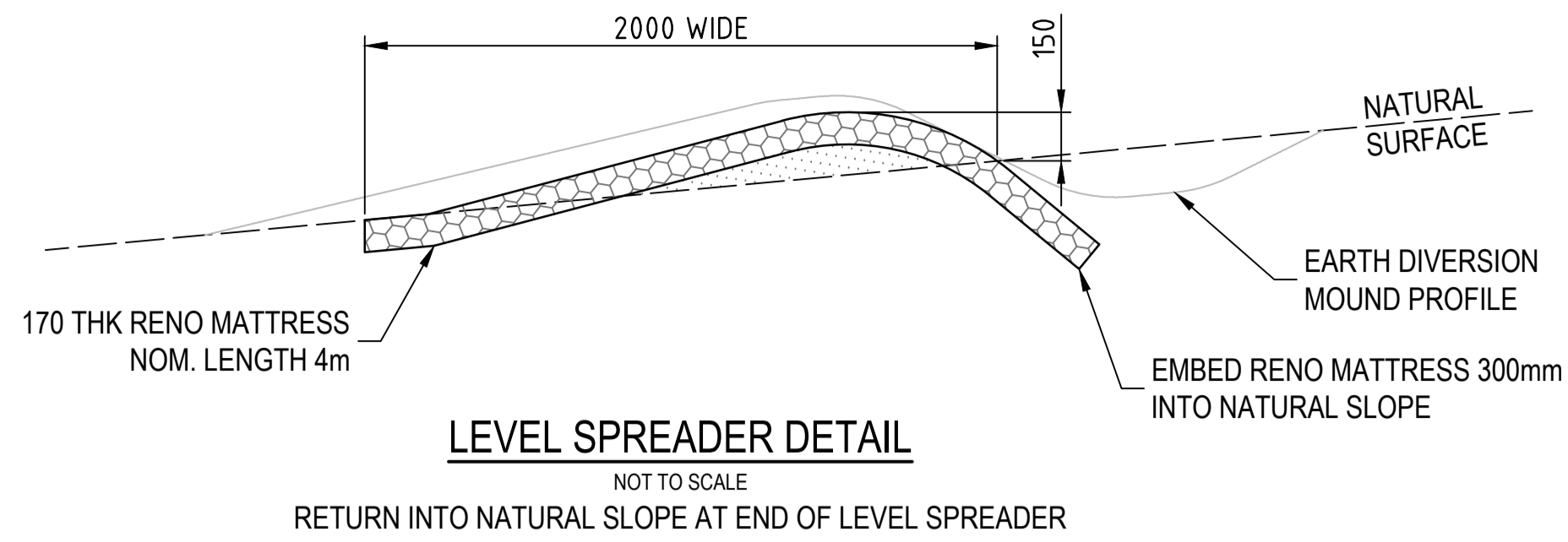
Drawing Title: **EROSION AND SEDIMENT CONTROL PLAN**

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | 1:500 | | JPR | 16.05.22 |
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GEOTEXTILE FABRIC DESIGNED TO PREVENT INTERMIXING OF SUBGRADE AND BASE MATERIALS AND TO MAINTAIN GOOD PROPERTIES OF THE SUB-BASE LAYERS.

GEOTEXTILE MAY BE A WOVEN OR NEEDLE PUNCHED PRODUCT WITH A MINIMUM CBR BURST STRENGTH (AS3706.9-90) OF 2500 N

CONSTRUCTION NOTES:

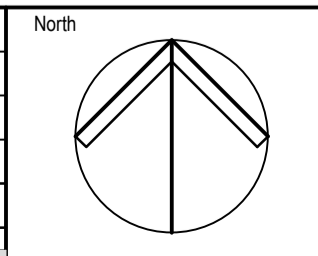
1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
2. COVER AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
3. CONSTRUCT 200MM THICK PAD OVER GEOTEXTILE USING ROADBASE OR 30MM AGGREGATE.
4. ENSURE THE STRUCTURE IS AT LEAST 15m LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3m WIDE.
5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

SCALE 1:500 @ A1
SCALE 1:1000 @ A3

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Client
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Project
THORNTON STAGE 2 DEVELOPMENT
530 RAYMOND TERRACE ROAD
THORNTON

Drawing Title
EROSION AND SEDIMENT CONTROL NOTES AND DETAILS SHEET 2

| Drawn | Date | Scale | A1 | G.A. Check | Date |
|----------|-------------|-----------|-------|------------|----------|
| JER | DEC 20 | N.T.S. | | JPR | 16.05.22 |
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