

**CITY OF BUSSELTON**  
**MARRIS DRIVE (0691), DUNSBOROUGH**  
**PATH CONSTRUCTION - SLK 0.00 TO 0.40**  
**CAPTIAL BUDGET 2025/26**



**SITE PLAN**  
 SCALE A1 @ 1:1000, A3 @ 1:2000



**LOCALITY PLAN**  
 SCALE N.T.S.

| DRAWING SCHEDULE |               |   |
|------------------|---------------|---|
| SHEET No.        | PLAN No.      | TITLE   |
| 01               | MAR0691-03-01 | COVER AND INDEX PLAN                          |
| 02               | MAR0691-03-02 | GENERAL CONSTRUCTION NOTES                    |
| 03               | MAR0691-03-03 | DRAINAGE AND SERVICE UTILITIES PLAN - SHEET 1 |
| 04               | MAR0691-03-04 | DRAINAGE AND SERVICE UTILITIES PLAN - SHEET 2 |
| 05               | MAR0691-03-05 | LAYOUT PLAN - SHEET 1                         |
| 06               | MAR0691-03-06 | LAYOUT PLAN - SHEET 2                         |
| 07               | MAR0691-03-07 | TYPICAL DETAILS AND SECTIONS                  |

A1 @ 1:1000  
 A3 @ 1:2000



**PRELIMINARY**

|   |  |                             |                         |                      |  |  |  |                              |                                  |
|---|--|-----------------------------|-------------------------|----------------------|--|--|--|------------------------------|----------------------------------|
| HORIZONTAL DATUM = MGA ZONE 50, GDA 94    VERTICAL DATUM = AHD. |  | <b>NOT FOR CONSTRUCTION</b> | NORTH POINT<br>         | DRAWN<br>B. CAMPBELL | APPROVED<br>J. SMITH                     |  | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>COVER AND INDEX PLAN<br>SHEET 1 OF 7 |                              | ORIGINAL SHEET SIZE<br><b>A1</b> |
| REV.    DATE    AMENDMENT    DRN    CHKD    APPD                |  | <b>NOT FOR CONSTRUCTION</b> | DESIGNED<br>B. CAMPBELL | CHECKED<br>J. SMITH  | SCALE:<br>A1 @ 1 : 1000<br>A3 @ 1 : 2000 |  | C/CODE<br>C/CODE   | PLAN<br><b>MAR0691-03-01</b> | REV.<br>D                        |

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**GENERAL CONSTRUCTION NOTES**

- 1.1 ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- 1.2 SIGNAGE AND LINEMARKING TO BE CARRIED OUT AS PER MRWA APPROVAL AND IN ACCORDANCE WITH AUSTRALIAN STANDARDS
- 1.3 ALL SERVICE CROSSINGS TO BE CHECKED BY FURTHER INVESTIGATION/POTHOLING BEFORE COMMENCEMENT
- 1.4 PROVIDE ADEQUATE SIGNAGE AND TRAFFIC PROTECTION IN ACCORDANCE WITH AUSTRALIAN STANDARDS, MRWA CODE OF PRACTICE GUIDELINES AND THE LOCAL GOVERNMENT ACT.
- 1.5 REINSTATEMENTS TO FOLLOW THE CITY OF BUSSELTON SPECIFICATION.

**DEMOLITION NOTES**

- 2.1 KERBS PATHS TO BE REMOVED FROM NEAREST EXPANSION OR CONTROL JOIN, OR SAW CUT AS NOTED ON PLAN
- 2.2 ASPHALT/ SEAL CUTTING WHERE SHOWN, ALLOW FOR ROAD PAVEMENT JOIN, REFER TO TYPICAL PAVEMENT JOINT DETAIL
- 2.3 PROPOSED CONSTRUCTION FOOTPRINT AREA TO BE EXCAVATED AND STRIPPED OF ALL VEGETATION AND ORGANICS TO A MINIMUM OF 100mm FROM EXISTING NATURAL SURFACE LEVEL.
- 2.4 TREES AND VEGETATION ONLY TO BE DEMOLISHED AND REMOVED AS INDICATED ON THE PLAN. ALL TREE ROOTS OF INDICATED. VEGETATION TO BE REMOVED FROM FOOTPRINT AREA AND BACK FILLED TO NATURAL GROUND LEVEL WITH SUITABLE FILL MATERIAL. SEEK INSTRUCTION FROM PROJECT SUPERVISOR IF UNSURE.
- 2.5 EXISTING GARDEN/LAWN RETICULATION SYSTEMS REQUIRES LOCATING AND RELOCATING PRIOR TO EXCAVATION AND DEMOLITION WORKS.
- 2.6 BIN SURROUNDS TO BE SALVAGED WHERE NOTED ON PLAN. FOR RELOCATION AND REINSTATEMENT.

**CONCRETE PATH CONSTRUCTION NOTES**

- 3.1 FOUNDATION TO BE COMPACTED TO 95%MMD
- 3.2 CONCRETE SHALL BE 25MPa COMPRESSIVE STRENGTH AT 28 DAYS FROM AN APPROVED PRE-MIX BATCH PLANT. AGGREGATE SIZE TO BETWEEN 14mm AND 20mm, MAXIMUM SLUMP 50mm - 80mm.
- 3.3 REINFORCEMENT TO EXPOSED AGGREGATE PATHS, MINIMUM SL62 WITH 40mm MINIMUM COVER.
- 3.4 STANDARD CONCRETE PATH TO BE MINIMUM 100mm THICK, EXPOSED AGGREGATE PATH TO BE MINIMUM 150mm THICK, UNLESS NOTED OTHERWISE.
- 3.5 MINIMUM 100mm THICK FOR STANDARD CONCRETE AND 150mm THICK FOR EXPOSED AGGREGATE OF PATH SUBGRADE, CLEAN GRANULAR APPROVED MATERIAL, COMPACTED TO 95%MMD.
- 3.6 STANDARD CONCRETE PATH SURFACES TO BE BROOM FINISHED, 90° ACROSS DIRECTION OF TRAVEL, WITH SMOOTH EDGES APPROXIMATELY 75mm WIDE AT EDGE.
- 3.7 LONGITUDINAL GRADE SHOULD NOT EXCEED 15m AT 1 IN 20 OR A LONGITUDINAL GRADE SHOULD NOT EXCEED 9m AT 1 IN 14 AND A LANDING AT A MINIMUM WIDTH OF 1.5m SHALL BE PROVIDED.
- 3.9 LOCK JOINTS TO BE INSTALLED EVERY 4 TO 5m AS PER CITY OF BUSSELTON STANDARD DRAWING
- 3.8 EXPANSION JOINTS TO BE 12mm POLYETHYLENE EXPANSION FOAM SEALED WITH BUTYL MASTIC COMPOUND FILLER WITH SMOOTH ROLLED FINISHED
- 3.9 REFER TO CITY OF BUSSELTON STANDARD DRAWING STD-FP03 FOR FURTHER INFORMATION REGARDING CONCRETE JOINTING.
- 3.10 VERTICAL CLEARANCES ALONG PATHS SHOULD BE A MINIMUM OF 2.4m.
- 3.11 WHERE STREET FURNITURE (POLES, BENCHES, RUBBISH BINS, POSTS AND ETC) THAT ARE LOCATED IN PATH, A MINIMUM UNOBSTRUCTED WIDTH OF 1.2m MUST BE MAINTAINED, UNLESS NOTED OTHERWISE.
- 3.12 ALL PATH TEE JUNCTION TO BE IN ACCORDANCE WITH CITY STANDARD DRAWING STD-FP05 FOR FURTHER INFORMATION.

**KERB RAMPS**

- 3.13 KERB RAMPS TO BE INSTALLED AT RIGHT ANGLES TO ROAD ALIGNMENT
- 3.14 A MINIMUM 500mm OF KERB SHALL BE PROVIDED BETWEEN ADJACENT RAMPS. WHERE THIS CANNOT BE ACHIEVED, A SINGLE RAMP SHALL BE PROVIDED
- 3.15 WHERE NOMIATED , TACTILE SURFACE INDICATORS AND PEDESTRIAN RAILS TO BE INSTALLED IN ACCORDANCEWITH AUSTRALIAN STANDARD AS1428.4.
- 3.16 RAMPS TO BE SLIP RESISTANT AND OF CONTRASTING COLOUR TO ASJACENT ROAD AND PATH SURFACES.
- 3.17 TGISIS TO PROVIDE DIRECT CONTRASTRTO SURROUNDING PAVEMENT.
- 3.18 RAMP IS TO FINISH FLUSH WITH PAVEMENT BUT WHERE THIS IS NOT POSSIBLE MAXIMUM HEIGHT DIFFERENCE IS TO BE 19mm.

**HANDRAIL**

- 3.19 CONCRETE SHALL BE N20
- 3.20 TAPE ON HANDRAIL TO CONFORM TO AS1743
- 3.21 HANDRAILS OF 600 OR 900 TO BE USED FOR MEDIAN ISLANDS, 900 PREFERRED.
- 3.22 WHERE STRAIGHT AT TOP OF HANDRAIL IS LESS THAN 500mm, USE REFLECTIVE RED TAPE ONLY AND CUT TO SUIT LENGTH OF STRAIGHT.
- 3.23 WHERE HANDRAIL IS LOCATED AT CROSSING POINTS, 600mm TO FACE OF KERB IS TO BE ACHIEVED AS A PRIORITY BEFORE OBTAINING DESIRABLE HANDRAIL LENGTH.

**DRAINAGE CONSTRUCTION NOTES**

- 4.1 ALL PITS AND PIPES WITHIN THE CATCHMENT AREA TO BE JET CLEANED PRIOR TO CONSTRUCTION WORKS COMMENCING.
- 4.2 ALL PIPES TO BE REINFORCED CONCRETE CLASS 2 UNLESS, NOTED OTHERWISE
- 4.3 ALL PITS AND PIPES TO BE INSTALLED IN ACCORDANCE WITH CITY OF BUSSELTON STANDARD DRAWINGS STD-DR01, STD DR04, STD-DR06, STD-DR19
- 4.4 ALL GULLY GRATE INLETS TO BE FLUSH WITH FINISHED ROAD LEVEL.

**KERB CONSTRUCTION NOTES**

- 5.1 CONCRETE FOR KERBING SHALL CONFORM TO AS1379. MINIMUM COMPRESSIVE STRENGTH 25MPa AT 28 DAYS. MAXIMUM AGGREGATE SIZE 10mm. MAXIMUM SLUMP 80mm
- 5.2 KEYED KERBING SHALL BE PROVIDED WHERE RADIUS OF CURVATURE IS LESS THAN 40m. KEYS SHALL BE PROVIDED AT MAXIMUM 1m CENTRES ON KERB CENTRELINE.
- 5.3 EXPANSION JOINTS SHALL BE PROVIDED AT 5m CENTRES AND SHALL CONSIST OF A FOAM FILLED, MASTIC SEALED GAP 10mm WIDE CUT TO THE FULL DEPTH OF THE KERB.
- 5.4 CONTROL JOINTS (GROOVE TROWELLED) SHALL BE AT 2.5m CENTRES EXCEPT WHERE CURVE RADIUS IS LESS THAN 20m WHERE THEY SHALL BE AT 1.25m CENTRES.
- 5.5 KERB TYPES ARE AS PER CITY OF BUSSELTON STANDARD DRAWING STD-R001, STD-R002 AND STD-R003.
- 5.6 FLUSH KERB TO HAVE A TROWELLED SURFACE TO 100mm DEPTH ON THE LANDSCAPE SIDE OF KERB TO ENABLE REMOVAL OF BASECOURSE AND REINSTATEMENT WITHLANDSCAPING MATERIAL / LOAM.

**ROAD CONSTRUCTION NOTES**

- 6.1 ROAD CONSTRUCTION AREAS TO CONSIST OF THE FOLLOWING, UNLESS NOTED OTHERWISE:
  - A.) A FORMED, ROLLED AND COMPACTED SUBGRADE 95% OF MMD
  - B.) 250mm OF APPROVED BASE COURSE MATERIAL 98% OF MMD
  - C.) APPLICATION OF NEW PRIMER SEAL
  - D.) 30 ASPHALT THICKNESS.
- 6.2 PAVEMENT FORMATION IS TO EXTEND 0.6m BEYOND EDGE OF SEAL AND WILL HAVE 3% CROWN, UNLESS NOTED OTHERWISE.

**PAVEMENT MARKING AND SIGNAGE NOTES**

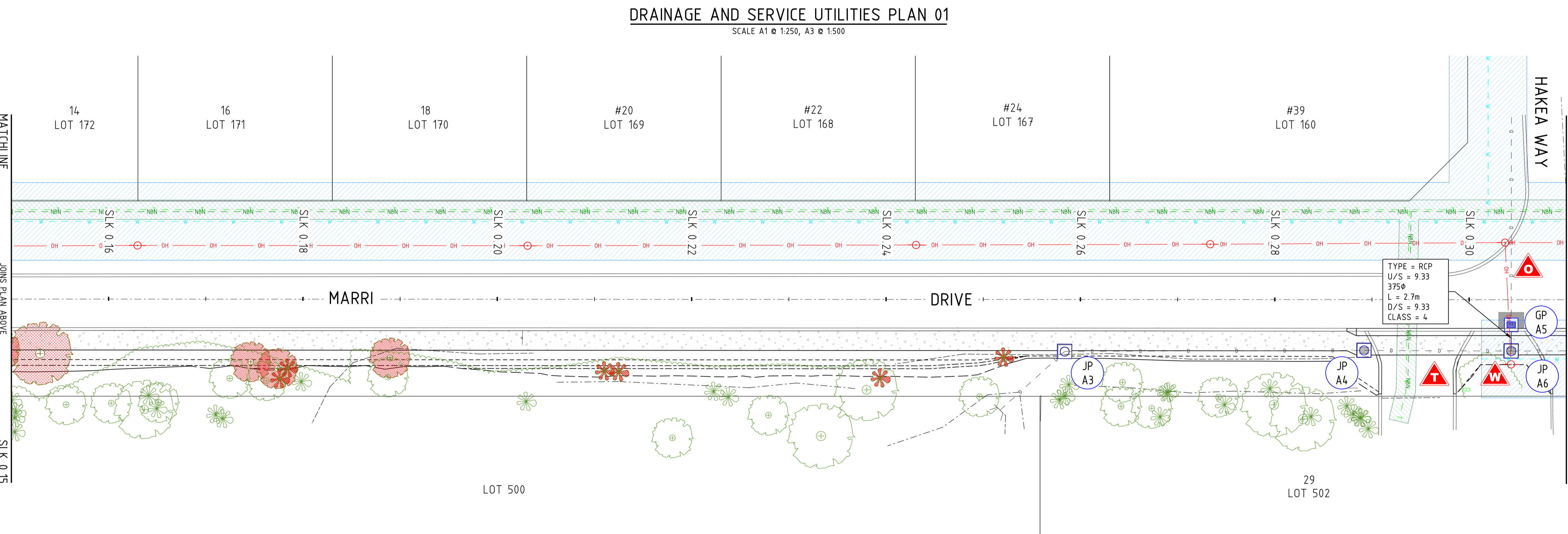
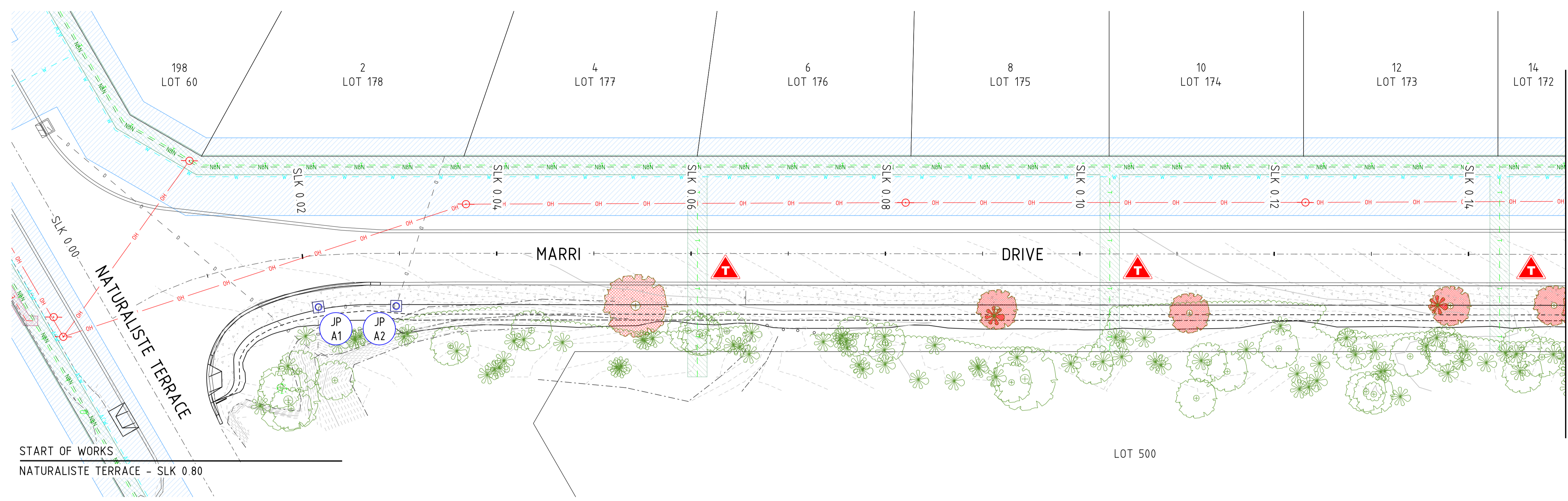
- 7.1 ALL PAVEMENT MARKING SYMBOLS AND GORE MARKING TO BE PAINTED AND LOCATION AS SHOWN ON PLAN.
- 7.2 ALL PAVEMENT MARKING TO CONTRAST PROPOSED SURFACE. ASPHALT / BITUMEN TO BE MAKRED IN A WHITE COLOUR AND STANDARD GREY CONCRETE TO BE MARKED IN A DARK GREEN COLOUR.
- 7.3 REFER TO MRWA DOCUMENT "POLICY, APPLICATION & APPROVAL GUIDELINES GUIDELINES AND TECHNICAL GUIDELINES FOR THE PROVISION OF SIGNS, PAVEMENT MARKING AND LINEMARKING ON PATHS"

| REFERENCE DOCUMENTS |             |   |
|---------------------|-------------|---|
| CREATED BY          | PLAN NUMBER | PLAN DESCRIPTION  |
| CITY OF BUSSELTON   | STD-CR09    | RESERVE ACCESS GATE   |
| CITY OF BUSSELTON   | STD-DR01    | MANHOLE FOR PIPES 225-750mm DIA   |
| CITY OF BUSSELTON   | STD-DR04    | GRADED PIT  |
| CITY OF BUSSELTON   | STD-DR06    | TRENCH BACKFILL   |
| CITY OF BUSSELTON   | STD-DR19    | UNIVERSAL SIDE ENTRY PIT  |
| CITY OF BUSSELTON   | STD-FP01    | KERB RAMP   |
| CITY OF BUSSELTON   | STD-FP03    | SHARED PATH JOINTING DETAILS  |
| CITY OF BUSSELTON   | STD-FP05    | TYPICAL SHARED PATH ALIGNMENTS  |
| CITY OF BUSSELTON   | STD-RD01    | EXTRUDED KERBING TYPES 1,2 AND LAYBACK  |
| CITY OF BUSSELTON   | STD-RD02    | FLUSH AND LOW PROFILE KERB  |
| CITY OF BUSSELTON   | STD-RD03    | DRAINAGE KERB   |
| CITY OF BUSSELTON   | STD-FP15    | VEGETATION PRUNING FOR PATHS  |
| CITY OF BUSSELTON   | STD-FP17    | PINE BOLLARD, FENCE & BARRIER TREATMENT   |
| MRWA                | D20#1179792 | POLICY, APPLICATION & APPROVAL GUIDELINES GUIDELINES AND TECHNICAL GUIDELINES FOR THE PROVISION OF SIGNS, PAVEMENT MARKING AND LINEMARKING ON PATHS |
| MRWA                | 9931-0198   | PAVEMENT MARKING LINE TYPES   |
| MRWA                | 200331-0092 | PAVEMENT MARKING BUS BAYS LEFT TURN   |



PRELIMINARY

|                      |      |           |     |                        |      |      |                          |           |  |                  |  |  |  |                       |
|----------------------|------|-----------|-----|------------------------|------|------|--------------------------|-----------|--|------------------|--|--|--|-----------------------|
| NOT FOR CONSTRUCTION |      |           |     | NORTH POINT            |      |      | DRAWN<br>B.CAMPBELL      |           | APPROVED<br>J.SMITH                      |                  | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>GENERAL CONSTRUCTION NOTES<br>SHEET 2 OF 7 |  |  | ORIGINAL SHEET SIZE   |
|                      |      |           |     | DESIGNED<br>B.CAMPBELL |      |      | CHECKED<br>T.DELLA BOSCA |           | SCALE:<br>A1 @ 1 : 1000<br>A3 @ 1 : 2000 | C/CODE<br>C/CODE |  |  |  | PLAN<br>MAR0691-03-02 |
| REV.                 | DATE | AMENDMENT | DRN | CHKD                   | APPD | REV. | DATE                     | AMENDMENT | DRN                                      | CHKD             | APPD   |  |  |                       |



- LEGEND:**
- EXISTING MINOR CONTOUR, 0.2m INTERVALS
  - EXISTING MAJOR CONTOUR, 1m INTERVALS
  - EXISTING ROAD CENTRELINE, SLK's
  - EXISTING EDGE OF SEAL
  - EXISTING SHOULDER
  - EXISTING KERB
  - EXISTING PATH
  - EXISTING ACCESS CHAMBER / GULLY GRATE / SEP
  - - - EXISTING SERVICES - DRAINAGE
  - - - EXISTING FENCE
  - - - EXISTING CULVERT
  - EXISTING TREE
  - EXISTING SHRUB / BUSH
  - EXISTING VEGETATION
  - TREE TO BE REMOVED
  - VEGETATION TO BE REMOVED
  - - - EXISTING SERVICES - WATER PE / WATER MAIN
  - - - EXISTING SERVICES - WATER AC / WATER AC MAIN
  - - - EXISTING SERVICES - TELECOMMUNICATION / FIBRE OPTICS
  - - - EXISTING SERVICES - SEWER / SEWER MAIN
  - - - EXISTING SERVICES - UNDERGROUND / OVERHEAD ELECTRICAL
  - - - EXISTING SERVICES - NBN
  - EXISTING LIGHT POLE / STAY WIRE / POWER POLE
  - EXISTING SERVICE BUFFER ZONE - ELECTRICAL
  - EXISTING SERVICE BUFFER ZONE - WATER
  - EXISTING SERVICE BUFFER ZONE - SEWER
  - EXISTING SERVICE BUFFER ZONE - TELECOMMUNICATION
  - PROPOSED BLACK ASPHALT - AC10 30mm THICK
  - PROPOSED CONCRETE, STANDARD GREY - 100mm THICK
  - PROPOSED KERB - PROFILE AS NOTED
  - FK1 KERB PROFILE - FLUSH KERB TYPE 1
  - MK1 KERB PROFILE - MOUNTABLE KERB TYPE 1
  - LBK KERB PROFILE - LAYBACK KERB
  - PROPOSED ACCESS CHAMBER, GULLY GRATE, SEP
  - - - PROPOSED SERVICES - DRAINAGE
  - PROPOSED EDGE OF SHOULDER
  - PROPOSED EDGE OF PAVEMENT
  - PROPOSED TOP OF BATTER
  - PROPOSED BOTTOM OF BATTER
  - PROPOSED EDGE OF FILL
  - PROPOSED EDGE OF CUT

| DRAINAGE SCHEDULE |              |      |             |                 |          |                                 |
|-------------------|--------------|------|-------------|-----------------|----------|---------------------------------|
| CODE              | TYPE         | SIZE | EXISTING RL | PROPOSED RL     | CHAINAGE | NOTE                            |
| JP-A1             | JUNCTION PIT | 1050 | 6.700       | 6.790 (+90mm)   | 0.022    | RAISE EXISTING JUNCTION PIT LID |
| JP-A2             | JUNCTION PIT | 1050 | 6.642       | 6.800 (+150mm)  | 0.029    | RAISE EXISTING JUNCTION PIT LID |
| JP-A3             | JUNCTION PIT | 1050 | 10.400      | 10.463 (+63mm)  | 0.259    | RAISE EXISTING JUNCTION PIT LID |
| JP-A4             | JUNCTION PIT | 1050 | 10.843      | 11.000 (+157mm) | 0.289    | RAISE EXISTING JUNCTION PIT LID |
| GP-A5             | GULLY        | 1050 | -           | 11.170          | 0.301    | INSTALL NEW GULLY GRATE PIT     |
| JP-A6             | JUNCTION PIT | 1050 | 11.087      | 11.290 (+203mm) | 0.301    | RAISE EXISTING JUNCTION PIT LID |

**WARNING**

TELECOMMUNICATION

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

**WARNING**

OVERHEAD POWER

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

**WARNING**

WATER PIPELINE

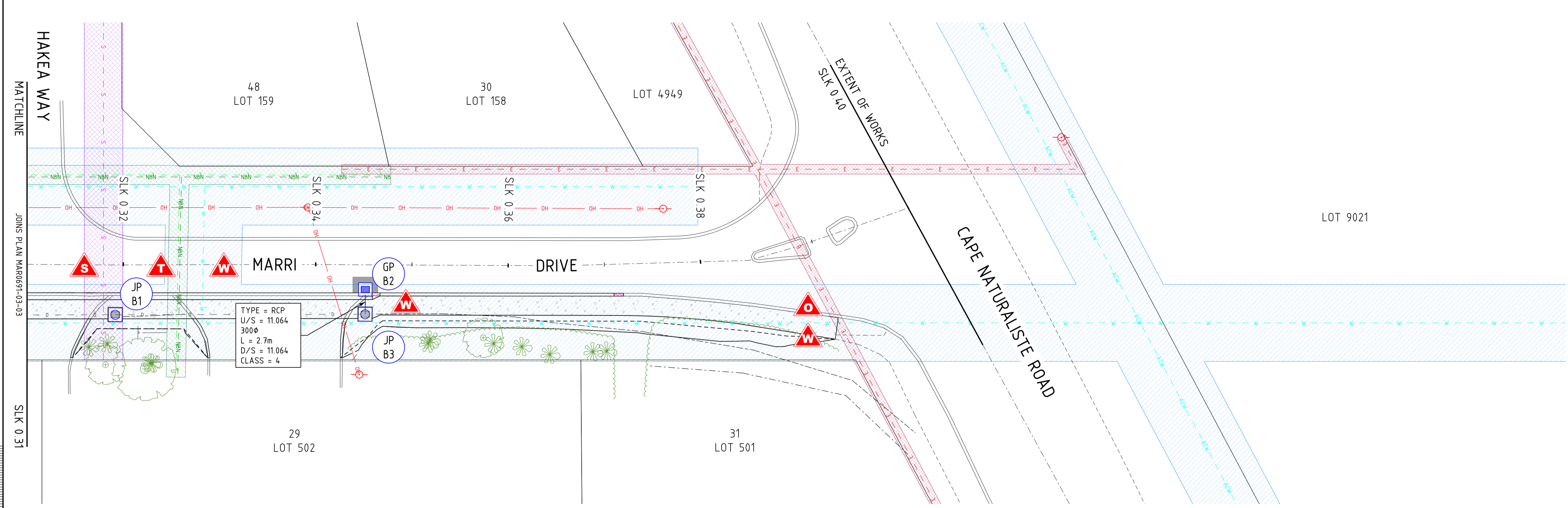
HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

PRELIMINARY



|  |  |                                   |                                |                                     |  |  |  |  |
|--|--|-----------------------------------|--------------------------------|-------------------------------------|--|--|--|--|
| <p>HORIZONTAL DATUM = MGA ZONE 50, GDA 94    VERTICAL DATUM = AHD.</p> <p style="font-size: 24px; font-weight: bold; color: red;">NOT FOR CONSTRUCTION</p> |  | <p>NORTH POINT</p>                | <p>DRAWN</p> <p>B.CAMPBELL</p> | <p>APPROVED</p> <p>J.SMITH</p>      |  | <p>MARRI DRIVE (0691), DUNSBOROUGH</p> <p>PATH CONSTRUCTION</p> <p>DRAINAGE AND SERVICE UTILITIES PLAN - SHEET 1</p> <p>SHEET 3 OF 7</p> |  | <p>ORIGINAL SHEET SIZE</p> <p style="font-size: 24px; font-weight: bold;">A1</p> |
| <p>REV.    DATE    AMENDMENT</p>   |  | <p>DESIGNED</p> <p>B.CAMPBELL</p> |                                | <p>CHECKED</p> <p>T.DELLA BOSCA</p> |  | <p>SCALE:</p> <p>A1 @ 1 : 1000</p> <p>A3 @ 1 : 2000</p>  | <p>PLAN</p> <p style="font-size: 24px; font-weight: bold;">MAR0691-03-03</p> | <p>REV.</p> <p style="font-size: 24px; font-weight: bold;">D</p>                 |

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- LEGEND:**
- EXISTING MINOR CONTOUR, 0.2m INTERVALS
  - EXISTING MAJOR CONTOUR, 1m INTERVALS
  - EXISTING ROAD CENTRELINE, SLK'S
  - EXISTING EDGE OF SEAL
  - EXISTING SHOULDER
  - EXISTING KERB
  - EXISTING PATH
  - ☐ EXISTING ACCESS CHAMBER / GULLY GRATE / SEP
  - - - - - EXISTING SERVICES - DRAINAGE
  - / - / - EXISTING FENCE
  - ⌒ EXISTING CULVERT
  - EXISTING TREE
  - ✻ EXISTING SHRUB / BUSH
  - ~ EXISTING VEGETATION
  - W - - - - EXISTING SERVICES - WATER PE / WATER MAIN
  - ACW - - - - EXISTING SERVICES - WATER AC / WATER AC MAIN
  - T - - - - EXISTING SERVICES - TELECOMMUNICATION / FIBRE OPTICS
  - S - - - - EXISTING SERVICES - SEWER / SEWER MAIN
  - E - - - - EXISTING SERVICES - UNDERGROUND / OVERHEAD ELECTRICAL
  - NBN - - - - EXISTING SERVICES - NBN
  - ○ ○ EXISTING LIGHT POLE / STAY WIRE / POWER POLE
  - ▨ EXISTING SERVICE BUFFER ZONE - ELECTRICAL
  - ▨ EXISTING SERVICE BUFFER ZONE - WATER
  - ▨ EXISTING SERVICE BUFFER ZONE - SEWER
  - ▨ EXISTING SERVICE BUFFER ZONE - TELECOMMUNICATION
  - █ PROPOSED BLACK ASPHALT - AC10 30mm THICK
  - █ PROPOSED CONCRETE, STANDARD GREY - 100mm THICK
  - █ PROPOSED KERB - PROFILE AS NOTED
  - FK1 KERB PROFILE - FLUSH KERB TYPE 1
  - MK1 KERB PROFILE - MOUNTABLE KERB TYPE 1
  - LBK KERB PROFILE - LAYBACK KERB
  - ☐ PROPOSED ACCESS CHAMBER, GULLY GRATE, SEP
  - - - - - PROPOSED SERVICES - DRAINAGE
  - PROPOSED EDGE OF SHOULDER
  - PROPOSED EDGE OF PAVEMENT
  - PROPOSED TOP OF BATTER
  - PROPOSED BOTTOM OF BATTER
  - PROPOSED EDGE OF FILL
  - PROPOSED EDGE OF CUT

**DRAINAGE AND SERVICE UTILITIES PLAN 03**  
SCALE A1 @ 1:250, A3 @ 1:500

| DRAINAGE SCHEDULE |              |      |             |                 |          |                                 |
|-------------------|--------------|------|-------------|-----------------|----------|---------------------------------|
| CODE              | TYPE         | SIZE | EXISTING RL | PROPOSED RL     | CHAINAGE | NOTE                            |
| JP-B1             | JUNCTION PIT | 1050 | 11.439      | 11.590 (+151mm) | 0.319    | RAISE EXISTING JUNCTION PIT LID |
| GP-B2             | GULLY        | 1050 | -           | 11.950          | 0.346    | INSTALL NEW GULLY GRATE PIT     |
| JP-B3             | JUNCTION PIT | 1050 | 11.854      | 12.022 (+168mm) | 0.346    | RAISE EXISTING JUNCTION PIT LID |

A1 @ 1:250  
A3 @ 1:500



**WARNING**

SEWER PIPELINE

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

**WARNING**

TELECOMMUNICATION

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

**WARNING**

OVERHEAD POWER

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

**WARNING**

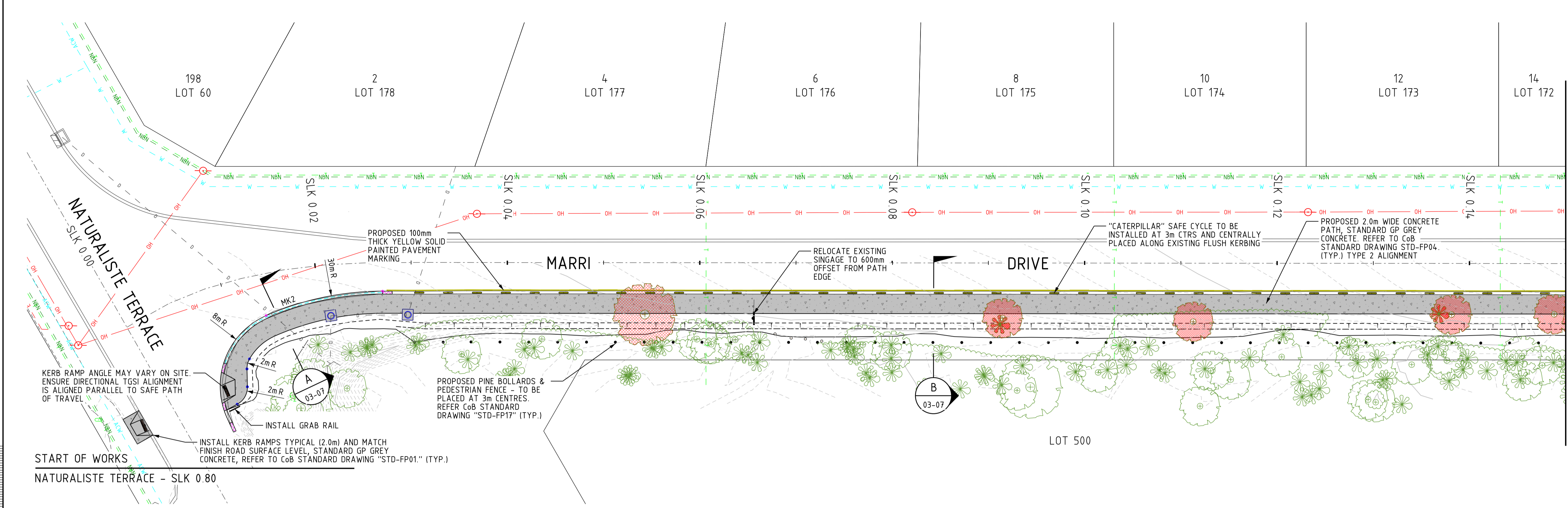
WATER PIPELINE

HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY

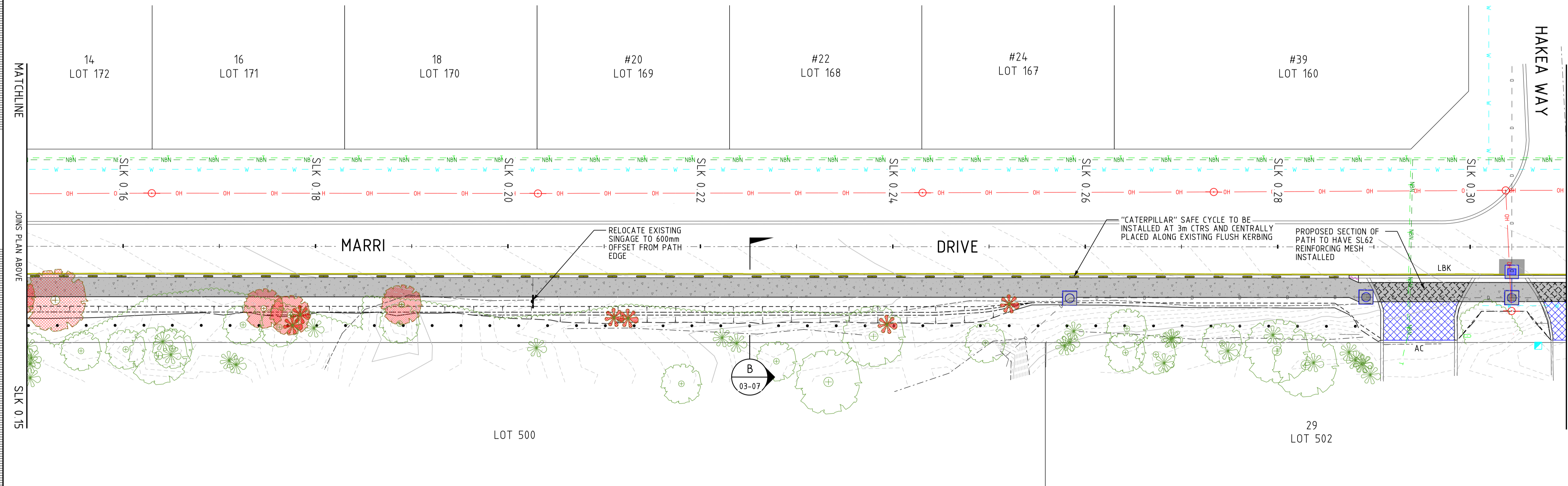
PRELIMINARY

|   |      |                        |                          |                                    |      |   |                                  |           |                              |                  |      |
|---|------|------------------------|--------------------------|------------------------------------|------|---|----------------------------------|-----------|------------------------------|------------------|------|
| HORIZONTAL DATUM = MGA ZONE 50, GDA 94    VERTICAL DATUM = AHD. |      | NORTH POINT            | DRAWN<br>B.CAMPBELL      | APPROVED<br>J.SMITH                |      | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>DRAINAGE AND SERVICE UTILITIES PLAN - SHEET 2<br>SHEET 4 OF 7 | ORIGINAL SHEET SIZE<br><b>A1</b> |           |                              |                  |      |
| NOT FOR CONSTRUCTION  |      | DESIGNED<br>B.CAMPBELL | CHECKED<br>T.DELLA BOSCA | SCALE:<br>A1 @ 1:250<br>A3 @ 1:500 |      |   |                                  | C/CODE    | PLAN<br><b>MAR0691-03-04</b> | REV.<br><b>D</b> |      |
| REV.  | DATE | AMENDMENT              | DRN                      | CHKD                               | APPD | REV.  | DATE                             | AMENDMENT | DRN                          | CHKD             | APPD |

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**LAYOUT PLAN 01**  
SCALE 1:250



**LAYOUT PLAN 02**  
SCALE 1:250

- LEGEND:**
- EXISTING MINOR CONTOUR, 0.2m INTERVALS
  - EXISTING MAJOR CONTOUR, 1m INTERVALS
  - EXISTING ROAD CENTRELINE, SLK's
  - EXISTING EDGE OF SEAL
  - EXISTING SHOULDER
  - EXISTING KERB
  - EXISTING PATH
  - EXISTING ACCESS CHAMBER / GULLY GRATE / SEP
  - - - EXISTING SERVICES - DRAINAGE
  - EXISTING FENCE
  - EXISTING CULVERT
  - EXISTING TREE
  - EXISTING SHRUB / BUSH
  - EXISTING VEGETATION
  - TREE TO BE REMOVED
  - VEGETATION TO BE REMOVED
  - EXISTING SERVICES - WATER PE / WATER MAIN
  - EXISTING SERVICES - WATER AC / WATER AC MAIN
  - EXISTING SERVICES - TELECOMMUNICATION / FIBRE OPTICS
  - EXISTING SERVICES - SEWER / SEWER MAIN
  - EXISTING SERVICES - UNDERGROUND / OVERHEAD ELECTRICAL
  - EXISTING SERVICES - NBN
  - EXISTING LIGHT POLE / STAY WIRE / POWER POLE
  - PROPOSED KERB - PROFILE AS NOTED
  - FK1 KERB PROFILE - FLUSH KERB TYPE 1
  - MK1 KERB PROFILE - MOUNTABLE KERB TYPE 1
  - LBK KERB PROFILE - LAYBACK KERB
  - PROPOSED FLUSH KERB PROFILE
  - PROPOSED KERB PROFILE - KEYED IN
  - PROPOSED KERB PROFILE TRANSITION LOCATION
  - PROPOSED ROAD/ KERB TANGENT POINTS
  - PROPOSED PATH TANGENT POINTS
  - PROPOSED BLACK ASPHALT - AC10 30mm THICK
  - PROPOSED CONCRETE PATH - 100mm THICK
  - PATH REINFORCEMENT WITH SL62, 50mm COVER ALL SIDES
  - PROPOSED ACCESS CHAMBER, GULLY GRATE, SEP
  - PROPOSED SERVICES - DRAINAGE
  - PROPOSED EDGE OF SHOULDER
  - PROPOSED EDGE OF PAVEMENT
  - PROPOSED TOP OF BATTER
  - PROPOSED BOTTOM OF BATTER
  - PROPOSED EDGE OF FILL
  - PROPOSED EDGE OF CUT
  - PROPOSED PINE BOLLARD
  - PROPOSED SIGNAGE - SINGLE POST

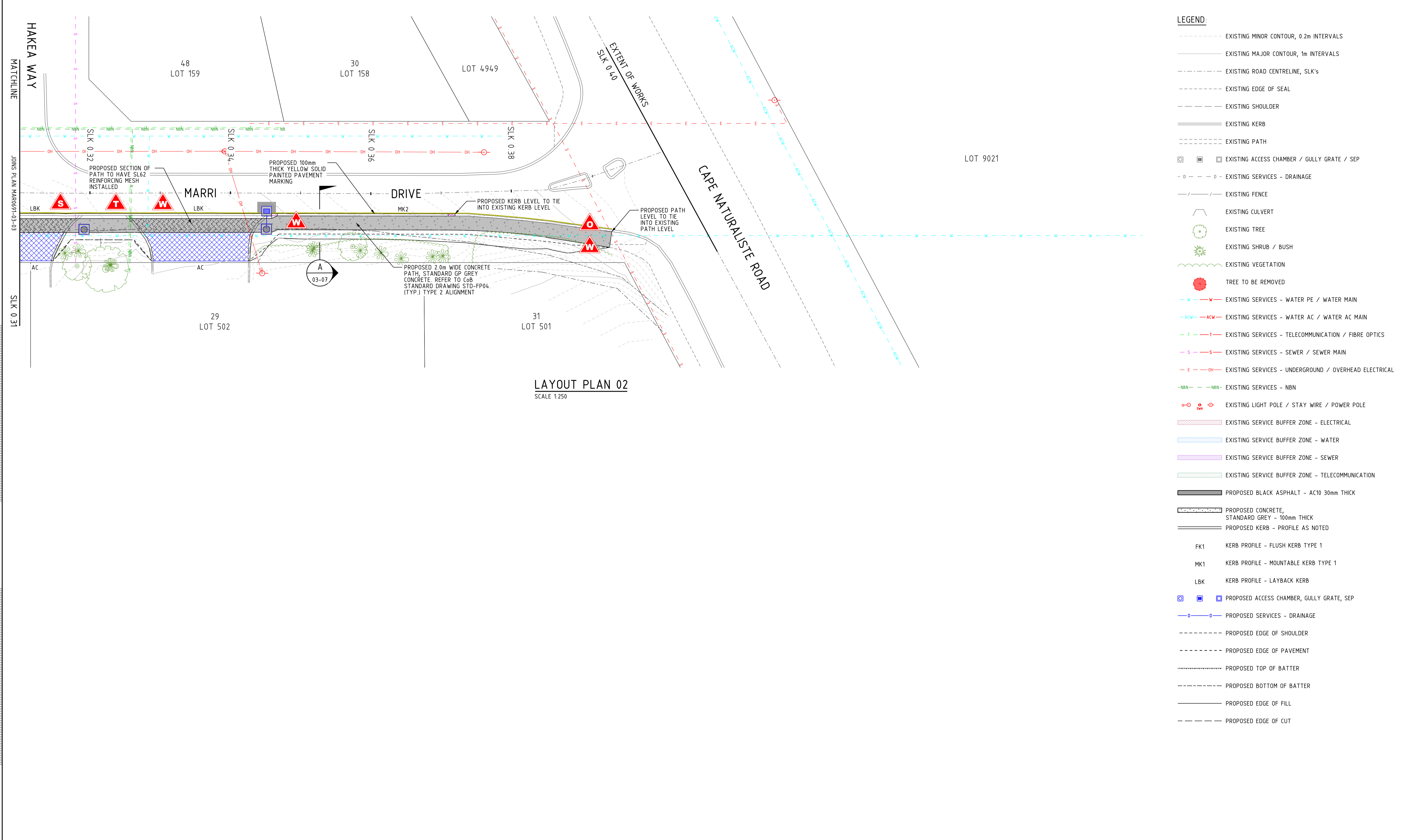


|  |  |   |  |   |
|--|--|---|--|---|
| <b>WARNING</b><br>WATER PIPELINE<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <b>WARNING</b><br>DRAINAGE<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <b>WARNING</b><br>TELECOMMUNICATION<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <b>WARNING</b><br>OVERHEAD POWER<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <b>WARNING</b><br>UNDERGROUND POWER<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY |
|--|--|---|--|---|

**PRELIMINARY**

|  |  |   |  |                 |  |  |  |  |  |   |  |                                   |  |                    |  |        |  |                                  |  |
|--|--|---|--|-----------------|--|--|--|--|--|---|--|-----------------------------------|--|--------------------|--|--------|--|----------------------------------|--|
| D 11/04/2026 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK<br>BAC TOB JLS<br>02/09/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK<br>BAC TOB JLS<br>12/08/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK<br>BAC TOB JLS<br>A 26/06/2024 ISSUED FOR 50% PEER REVIEW AND DESIGN CHECK<br>BAC TOB JLS |  | HORIZONTAL DATUM = MGA ZONE 50, GDA 94    VERTICAL DATUM = AHD. |  | NORTH POINT<br> |  | DRAWN<br>B.CAMPBELL<br>APPROVED<br>J.SMITH |  |  |  | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>LAYOUT PLAN - SHEET 1<br>SHEET 5 OF 7 |  | SCALE: A1 @ 1:1000<br>A3 @ 1:2000 |  | PLAN MAR0691-03-05 |  | REV. D |  | ORIGINAL SHEET SIZE<br><b>A1</b> |  |
| NOT FOR CONSTRUCTION   |  | DESIGNED<br>B.CAMPBELL<br>CHECKED<br>T.DELLA BOSCA              |  | C/CODE<br>PLAN  |  | REV.                                       |  |  |  |   |  |                                   |  |                    |  |        |  |                                  |  |

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**LAYOUT PLAN 02**  
SCALE 1:250

- LEGEND:**
- EXISTING MINOR CONTOUR, 0.2m INTERVALS
  - EXISTING MAJOR CONTOUR, 1m INTERVALS
  - EXISTING ROAD CENTRELINE, SLK's
  - EXISTING EDGE OF SEAL
  - EXISTING SHOULDER
  - EXISTING KERB
  - EXISTING PATH
  - ☐ EXISTING ACCESS CHAMBER / GULLY GRATE / SEP
  - - - - - EXISTING SERVICES - DRAINAGE
  - - - - - EXISTING FENCE
  - EXISTING CULVERT
  - EXISTING TREE
  - EXISTING SHRUB / BUSH
  - EXISTING VEGETATION
  - TREE TO BE REMOVED
  - - - - - EXISTING SERVICES - WATER PE / WATER MAIN
  - - - - - EXISTING SERVICES - WATER AC / WATER AC MAIN
  - - - - - EXISTING SERVICES - TELECOMMUNICATION / FIBRE OPTICS
  - - - - - EXISTING SERVICES - SEWER / SEWER MAIN
  - - - - - EXISTING SERVICES - UNDERGROUND / OVERHEAD ELECTRICAL
  - - - - - EXISTING SERVICES - NBN
  - ○ ○ EXISTING LIGHT POLE / STAY WIRE / POWER POLE
  - EXISTING SERVICE BUFFER ZONE - ELECTRICAL
  - EXISTING SERVICE BUFFER ZONE - WATER
  - EXISTING SERVICE BUFFER ZONE - SEWER
  - EXISTING SERVICE BUFFER ZONE - TELECOMMUNICATION
  - PROPOSED BLACK ASPHALT - AC10 30mm THICK
  - PROPOSED CONCRETE, STANDARD GREY - 100mm THICK
  - PROPOSED KERB - PROFILE AS NOTED
  - FK1 KERB PROFILE - FLUSH KERB TYPE 1
  - MK1 KERB PROFILE - MOUNTABLE KERB TYPE 1
  - LBK KERB PROFILE - LAYBACK KERB
  - ☐ PROPOSED ACCESS CHAMBER, GULLY GRATE, SEP
  - - - - - PROPOSED SERVICES - DRAINAGE
  - PROPOSED EDGE OF SHOULDER
  - PROPOSED EDGE OF PAVEMENT
  - PROPOSED TOP OF BATTER
  - PROPOSED BOTTOM OF BATTER
  - PROPOSED EDGE OF FILL
  - PROPOSED EDGE OF CUT

A1 @ 1:250  
A3 @ 1:500

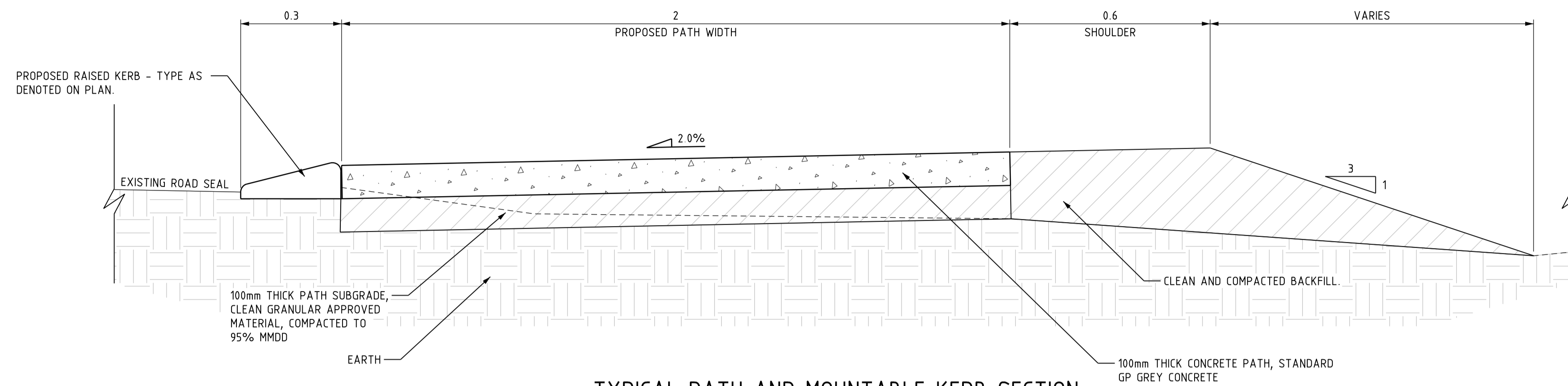


|  |   |  |  |
|--|---|--|--|
| <br><b>WARNING</b><br>SEWER PIPELINE<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <br><b>WARNING</b><br>TELECOMMUNICATION<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <br><b>WARNING</b><br>OVERHEAD POWER<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY | <br><b>WARNING</b><br>WATER PIPELINE<br>HAZARD LOCATED IN WORK AREA SEEK GUIDANCE FROM ASSET PROVIDER AND/OR GOVERNMENT AGENCY |
|--|---|--|--|

PRELIMINARY

|  |  |  |  |                        |                          |  |   |                  |                           |           |
|--|--|--|--|------------------------|--------------------------|--|---|------------------|---------------------------|-----------|
| HORIZONTAL DATUM = MGA ZONE 50, GDA 94    VERTICAL DATUM = AHD.  |  | NORTH POINT<br>                                  |  | DRAWN<br>B.CAMPBELL    | APPROVED<br>J.SMITH      | <br>City of Busselton<br><i>Geographie Bay</i> | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>LAYOUT PLAN - SHEET 2<br>SHEET 6 OF 7 |                  | ORIGINAL SHEET SIZE<br>A1 |           |
| NOT FOR CONSTRUCTION   |  |  |  | DESIGNED<br>B.CAMPBELL | CHECKED<br>T.DELLA BOSCA |  | SCALE:<br>A1 @ 1 : 1000<br>A3 @ 1 : 2000  | C/CODE<br>C/CODE | PLAN<br>MAR0691-03-06     | REV.<br>D |
| D 11/04/2026 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>C 02/09/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>A 12/08/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>A 26/06/2024 ISSUED FOR 50% PEER REVIEW AND DESIGN CHECK BAC TOB JLS | DRN    CHKD    APPD<br>REV.    DATE    AMENDMENT | DRN    CHKD    APPD<br>REV.    DATE    AMENDMENT | DRN    CHKD    APPD<br>REV.    DATE    AMENDMENT |                        |                          |  |   |                  |                           |           |

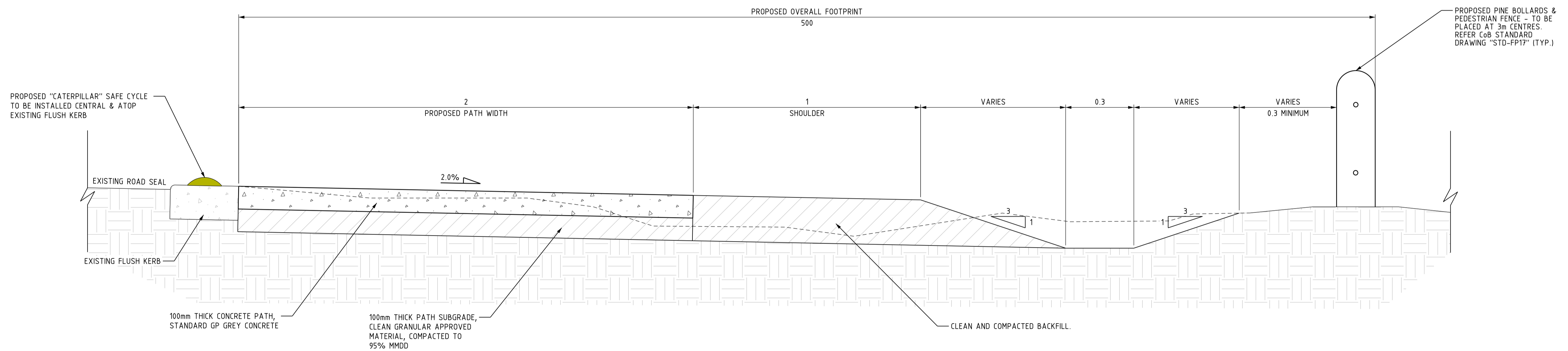
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**TYPICAL PATH AND MOUNTABLE KERB SECTION**

MEASUREMENTS ARE IN METRES

SECTION **A** **A**  
SCALE 1:10 03-05 03-06



**TYPICAL PATH AND FLUSH KERB SECTION**

MEASUREMENTS ARE IN METRES

SECTION **B**  
SCALE 1:10 03-05



**PRELIMINARY**

|  |      |           |  |      |      |               |      |           |   |      |      |   |        |      |  |  |  |                           |  |  |
|--|------|-----------|--|------|------|---------------|------|-----------|---|------|------|---|--------|------|--|--|--|---------------------------|--|--|
| D 11/04/2026 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>C 02/09/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>B 12/08/2024 ISSUED FOR 85% PEER REVIEW AND DESIGN CHECK BAC TOB JLS<br>A 26/06/2024 ISSUED FOR 50% PEER REVIEW AND DESIGN CHECK BAC TOB JLS |      |           | HORIZONTAL DATUM = MGA ZONE 50, GDA 94 VERTICAL DATUM = AHD. |      |      | NORTH POINT   |      |           | DRAWN B.CAMPBELL<br>DESIGNED B.CAMPBELL |      |      | APPROVED J.SMITH<br>CHECKED T.DELLA BOSCA |        |      | MARRI DRIVE (0691), DUNSBOROUGH<br>PATH CONSTRUCTION<br>TYPICAL DETAILS AND SECTIONS<br>SHEET 6 OF 7 |  |  | ORIGINAL SHEET SIZE<br>A1 |  |  |
| <b>NOT FOR CONSTRUCTION</b>  |      |           | SCALE: AS SHOWN  |      |      | C/CODE C/CODE |      |           | PLAN MAR0691-03-07                      |      |      | REV. D                                    |        |      |  |  |  |                           |  |  |
| REV.   | DATE | AMENDMENT | DRN  | CHKD | APPD | REV.          | DATE | AMENDMENT | DRN                                     | CHKD | APPD | SCALE:                                    | C/CODE | PLAN | REV.   |  |  |                           |  |  |