NEWBRIDGE SOUTH ESTATE STAGE 10

GENERAL NOTES

AUTHORITY WORKS INSPECTIONS

THE CONTRACT SUPERINTENDENT OR THEIR REPRESENTATIVE SHALL BE NOTIFIED 24 HOURS BEFORE ANY INSPECTION IS DUE FOR ALL WORKS INSPECTIONS BY COUNCIL AND 5 WORKING DAYS FOR WATER AUTHORITY

WORKS VARIATIONS

2. THE CONTRACTOR SHALL NOT UNDERTAKE ANY WORK WHICH MAY LEAD TO A CLAIMABLE VARIATION(S) WITHOUT

CONTRACTOR RESPONSIBILITIES

- 3. COUNCIL IS TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN COUNCIL, THE CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS.
- ALL WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH GROWTH AREA'S AUTHORITY (GAA) STANDARD DRAWINGS AND SPECIFICATIONS, THE APPROVED SET OF CONSTRUCTION PLANS, AND TO THE SATISFACTION OF THE SUPERINTENDENT. IN THE EVENT OF ANY DISCREPANCY THE CONTRACTOR IS TO SEEK CLARIFICATION FROM THE SUPERINTENDEN:
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS2124-1992 GENERAL CONDITIONS OF CONTRACT
- 6. THE CONTRACTOR IS REQUIRED TO CONFINE ALL CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE REINSTATED.
- AT THE COMPLETION OF ALL WORKS. ALL RUBBISH DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED FROM THE SITE AND THE SITE SHALL BE CLEANED TO THE SATISFACTION OF THE SUPERINTENDENT.
- THE CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL NECESSARY WARNING SIGNS, LIGHTING AND BARRICADES TO

SURVEYING AND SETTING OUT

- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- 10. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- 11. ALL CO-ORDINATES ARE TO AUSTRALIAN MAP GRID (AMG)
- 12. ALL ROAD CHAINAGES REFER TO ROAD RESERVE CENTRELINES EXCEPT FOR KERB RETURNS AND COURT HEADS WHERE CHAINAGES REFER TO LIP OF KERB.
- 13. KERB RETURN RADII ARE GIVEN TO LIP OF KERB, UNLESS SHOWN OTHERWISE.
- 14. TBM'S TO BE RE-ESTABLISHED BY THE PRINCIPALS LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBM'S
- 15. AN ELECTRONIC COPY OF THE DESIGN DRAWINGS WILL BE MADE AVAILABLE TO THE CONTRACTOR FOR THE PURPOSE OF SETTING OUT

EARTHWORKS AND EXCAVATION

- 17. EXCESS TOPSOIL SHALL BECOME PROPERTY OF THE PRINCIPAL AND STORED AT THE CENTRAL TOPSOIL STOCKPILE AS DIRECTED BY THE SUPERINTENDENT. NO TOPSOIL SHALL BE REMOVED FROM SITE WITHOUT SPECIFIC APPROVAL OF
- 18. PRIOR TO COMMENCEMENT OF THE WORKS, THE CONTRACTOR SHALL PROVIDE THE FOLLOWING INFORMATION
- a) SOURCE OF QUARRY MATERIAL
- b) N.A.T.A. APPROVED TESTS RESULTS FOR THE F.C.R. THAT IS TO BE USED
- c) IF THE SOURCE OF THE QUARRY MATERIAL IS CHANGED DURING THE COURSE OF THE WORKS, THEN NEW TEST
- 19. PRIOR TO COMMENCEMENT OF WORKS ON SITE. THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OCCUPATIONAL HEALTH AND SAFETY REGULATIONS 2017, HAVE BEEN AND WILL BE COMPLIED WITH.
- 20. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UNDERGROUND SERVICES PRIOR TO COMMENCING EXCAVATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING SERVICE AUTHORITIES PRIOR TO COMMENCING ANY WORKS ON SITE
- . WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE EXPOSED AND PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
- 22. THE CONTRACTOR SHALL:
- a. COMPLY WITH THE SAFETY REQUIREMENTS OF THE MINES ACT 1958, AND THE MINES (TRENCHES) REGULATIONS
- b. NOTIFY WORKSAFE VICTORIA OF THEIR INTENTION TO COMMENCE TRENCHING OPERATIONS WHERE TRENCHES ARE 1.5 METRES OR DEEPER.
- c. ENSURE THAT THE MINE MANAGER OR THEIR DEPUTY AS REQUIRED BY THE REGULATIONS IS IN ATTENDANCE WHEN TRENCHING OPERATIONS ARE IN PROGRESS.
- 23. ON COMMENCEMENT OF CONSTRUCTION WORKS. THE CONTRACTOR MUST COMPLY WITH THE RECOMMENDATIONS OF THE ENVIRONMENT PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL." APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND

- BARRICADES, SIGNS, LIGHTS, ETC. NECESSARY TO KEEP WORKS IN A SAFE AND STABLE CONDITION, AND TO PROTECT 50. ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR THE PUBLIC FROM HAZARDS ASSOCIATED WITH THE WORKS
- 25. ON-SITE BLASTING IS NOT RECOMMENDED. IF BLASTING IS REQUIRED THEN THE CONTRACTOR IS TO NOTIFY THE SUPERINTENDENT AND COUNCIL IN WRITING, AND OBTAIN ALL REQUIRED PERMITS AND LICENSES. BLASTING IS TO BECARRIED OUT IN ACCORDANCE WITH CURRENT REGULATIONS, DANGEROUS GOODS (EXPLOSIVES) REGULATIONS 2000
- 26 THE CONTRACTOR IS TO PROVIDE DETAILS IN WRITING OF THE DISPOSAL SITE FOR EXCESS SPOIL INCLUDING THE TRUCK ROUTE AND SUBMIT TO COUNCILS REPRESENTATIVE FOR APPROVAL PRIOR TO THE COMMENCEMENT OF ANY
- 27. ALL FILLING AREAS IN EXCESS OF 150mm DEPTH TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINISHED SURFACE LEVELS AS SHOWN ON PLANS. ALL FILLING TO BE COMPACTED IN 150mm EQUAL LAYERS TO 95% AUSTRALIAN DRY DENSITY. FILLING IS TO BE TESTED TO THE SATISFACTION OF THE COUNCIL AND TEST RESULTS OF EACH LAYER AND IN EACH LOT TO BE SUBMITTED TO COUNCIL. ALL FILLING TO BE DONE UNDER LEVEL 1
- 28. FILLING TO COMPLY WITH A.S.3798-2007, 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'.
- 29. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT ALL IMPORTED FILL MATERIAL, INCLUDING TOPSOIL SATISFIES THE DESCRIPTION FOR CLEAN FILL MATERIAL IN EPA BULLETIN PUBLICATION NO 448 (MAY 2007) AND SUBSEQUENT REVISIONS. THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST
- 30. EXISTING DAMS, CHANNELS AND SWALES ARE TO BE BREACHED, DRAINED, DESLUDGED AND SHALL BE EXCAVATED TO A CLEAN FIRM BASE. THE SURFACE SHALL BE INSPECTED APPROVED BY THE ENGINEER PRIOR TO COMMENCEMENT OF FILLING, FILL TO BE PLACED AND COMPACTED AS SPECIFIED AND TO LEVEL 1 SUPERVISION. (AS3798-2007)

- 31. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY COUNCILS REPRESENTATIVE
- 32. WHERE AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING. FENCING OF AREAS CONTAINING TREES NATIVE GRASSES AND SHRUBS IS REQUIRED. A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED
- 34. LOPPING OF BRANCHES ON PRESERVED TREES TO BE DIRECTED BY SUPERINTENDENT.
- 35. TREES MARKED ON PLANS FOR REMOVAL MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS. APPROVAL FROM COUNCILS REPRESENTATIVE SHOULD BE OBTAINED PRIOR. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.

EXISTING INFRASTRUCTURE

- 36. ANY EXISTING PAVEMENT OR DRAINAGE WORKS DAMAGED DURING CONSTRUCTION OR THE MAINTENANCE PERIOD TO BE REINSTATED TO THE SATISFACTION OF THE SUPERINTENDENT AND COUNCILS REPRESENTATIVE
- 37. WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS
- 38. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE
- 39. ALL EXISTING AUTHORITY ASSETS AFFECTED BY THE WORKS; SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO
- 40. WHERE IT IS INTENDED TO INSTALL SERVICES OR OTHER EQUIPMENT UNDER EXISTING PAVEMENTS, THE CONTRACTOR SHALL OBTAIN A PERMIT AND PAY ANY FEES, FROM THE COUNCIL OR OTHER ROAD AUTHORITY PRIOR TO UNDERTAKING ANY EXCAVATION.

- 41. THE LOCATION OF EXISTING SERVICES SHOULD BE DETERMINED BY THE CONTRACTOR PRIOR TO COMMENCING ANY EXCAVATION BY CONTACTING ALL LOCAL SERVICE AUTHORITIES. ANY EXISTING SERVICES SHOWN ON THESE DRAWINGS ARE OFFERED AS A GUIDE ONLY AND ARE NOT GUARANTEED AS CORRECT
- 42 EXISTING SEWER AND STORM WATER DRAINAGE BACK FILLING UNDER THE ROAD PAVEMENT AND BEHIND KERB AND CHANNEL (WITHIN THE ROAD RESERVATION) SHALL BE REPLACED WITH CLASS 2 CRUSHED ROCK
- CLASS SN8. BOTH ARE TO BE LAID AT A MINIMUM DEPTH OF 450mm BELOW ROAD SUBGRADE LEVEL UNLESS NOTED
- 44. CONDUITS FOR GAS AND WATER SERVICES ARE TO BE LOCATED IN THE POSITIONS SHOWN, THEY ARE TO BE PLACED AT RIGHT ANGLES TO THE KERB AND SERVICE ALIGNMENT AND ARE TO EXTEND MIN 600MM BEHIND THE BACK OF KERB CONDUITS ARE TO BE REFERENCED IN 50mm HIGH LETTERS ON THE EACE OF KERB AND CHANNEL
- 45. GAS AND WATER CONDUITS ARE TO BE LAID WITH THE FOLLOWING MIN. COVER TO FINISHED SURFACE LEVELS: UNDER
- 46. WATER TAPPINGS FOR LOTS SITUATED ON THE SAME SIDE OF THE WATER MAIN ARE TO BE LOCATED 14m FROM THE PROPERTY BOUNDARY OF THE LOT UNLESS NOTED OTHERWISE. THE KERB IS TO BE MARKED 'W' WITH AN ARROW POINTING TO THE TAPPING
- 47. REFER TO THE TELECOMMUNICATIONS DRAWINGS (BY OTHERS) FOR DETAILS ON CONDUITS AND TRENCHING.
- 48. REFER TO THE ELECTRICAL AND LIGHTING DRAWINGS (BY OTHERS) FOR DETAILS ON CONDUITS AND TRENCHING
- 49. ALL SERVICE CONDUITS TRENCHES UNDER ROAD PAVEMENTS ARE TO BE BACKFILLED WITH 20MM 3% CEMENT TREATED CLASS 3 CRUSHED ROCK COMPACTED TO A DENSITY NOT LESS THAN 98% OF THE MAXIMUM DRY DENSITY

VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.1.1-2003

FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A. M.F.E.S.B. & N.R.E.), MARKINGS TO BE VIA BLUE RAISED REFLECTIVE PAVEMENT MARKER AND A MARKER POST.

- 51. WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED.
- 52. ALL STORMWATER DRAINS ARE TO BE CLASS 2 R.C. OR RIGID F.R.C PIPES WITH ADCOL FLEXIBLE COLLARS UNLESS NOTED OTHERWISE. ALL PIPES UP TO AND INCLUDING 750mm DIA. ARE TO BE RUBBER RING JOINTED. INTERLOCKING / FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 750mm DIA
- 53 ALL DRAINS LAID UNDER ROAD PAVEMENT AND BEHIND KERB AND CHANNEL TRENCH SHALL BE BACKELLED WITH 20mm CLASS 3 F.C.R. COMPACTED TO 98% MODIFIED AS PER GAA STANDARD DRAWINGS.
- 54. WHERE STORMWATER DRAINS ARE LAID UNDER DRIVEWAYS AND FOOTPATHS, TRENCH SHALL BE BACKFILLED WITH 20mm CLASS 3 FCR. COMPACTED TO 98% MODIFIED
- 55. PROPERTY INLET PITS ARE TO BE LOCATED 1.0m FROM LOW SIDE BOUNDARY UNLESS OTHERWISE SHOWN, INVERT LEVEL OF PROPERTY INLET IS TO BE A MINIMUM OF 500mm BELOW FINISHED/EXISTING SURFACE LEVEL.
- 56. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH GAA STANDARD DRAWINGS
- 57. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF
- 58 FOR ALL DRAINAGE PITS REFER TO GAA STANDARD DRAWINGS UNLESS NOTED OTHERWISE
- 59. PROPERTY CONNECTIONS ARE TO BE LOCATED 5.0m FROM BOUNDARY UNLESS OTHERWISE SHOWN, PROPERTY CONNECTIONS ARE TO BE 100mm DIAMETER AND BACKFILLED WITH 20mm CLASS 3 F.C.R. TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS. PIPES TO EXTEND 0.5m INTO PROPERTY AND ARE TO HAVE 0.8m COVER

- 60. GENERALLY (SM2) KERB AND CHANNEL IS TO BE POURED THROUGHOUT THE SUBDIVISION. WHERE OTHER KERB TYPES ARE REQUIRED THEY ARE SPECIFICALLY SHOWN ON THE DRAWINGS.
- 61. FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
- 62. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE IN ACCORDANCE WITH G.A.A. STANDARD DRAWINGS AND SPECIFICATION, UNLESS OTHERWISE SPECIFIED.
- 63. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE
- 64 CONCRETE STRENGTH SHALL BE A MINIMUM OF 25MPA AT 28 DAYS LINLESS OTHERWISE NOTED
- 65. TRANSITION BETWEEN DIFFERENT KERB PROFILES SHALL BE OVER 3m IF THEY CANNOT BE INCORPORATED INTO A
- 66. WHERE TACTILE GROUND SURFACE INDICATORS ARE REQUIRED THEY SHALL BE CONSTRUCTED IN ACCORDANCE WITH VICROADS STANDARD DRAWINGS SD2031 & SD2032, TACTILE GROUND SURFACE INDICATORS MUST CONFORM TO AS1428.4 AND BE APPROVED BY COUNCIL.

665 E4

Principal RESIMAX GROUP PTY LTD 2 DREWERY PLACE MELBOURNE VIC 3000

- 67. WHERE PAVEMENT IS CONSTRUCTED ON FILLING, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL, AND CONSTRUCTED IN LAYERS 150mm THICK WITH COMPACTION ACHIEVING 98% AUSTRALIAN STANDARD DENSITY
- 68. WEARING COURSE TO BE CONSTRUCTED 5mm ABOVE LIP OF KERB AND CHANNEL
- 69. THE CONTRACTOR SHALL CO-OPERATE WITH OTHER AUTHORITIES AND SHALL ENSURE THAT ALL SERVICES ARE
- 70. PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE SUPERINTENDENT AND/OR COUNCILS REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE A DENSITY NOT LESS THAN 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A \$ 1289 \$ 11-2003
- 72. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH A.S.1742 1, 2 & 3. LINEMARKING TO BE CARRIED OUT USING THERMOPLASTIC PAINT
- 73. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING AND SPECIFICATION
- 74 ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF A \$ 1743 -2001
- 75. RESERVES TO BE LEET IN A CONDITION SATISFACTORY TO COUNCILS LANDSCAPE ARCHITECT
- 76. TOPSOILING WORKS ARE TO BE PREPARED AS SPECIFIED FOR HAND OVER TO THE LANDSCAPING CONTRACTOR
- 77. SOFT SPOTS, WHERE DIRECTED BY COUNCILS LANDSCAPE ARCHITECT ARE TO BE EXCAVATED AND BACKFILLED WITH SPECIFIED MATERIALS
- 78. ALL DISTURBED AREAS, IE, NATURESTRIPS, BATTERS, ALLOTMENTS & RESERVES, ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100MM LOAMY TOP SOIL FREE OF CLUMPS, SODS AND CLAY LUMPS) AND SOWN WITH GRASS SEED, SEED IS TO BE A GENERAL PARKLAND AND NATURESTRIP BLEND AS APPROVED BY COUNCIL UNLESS OTHERWISEDETAILED. GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD



| DRAWING INDEX | | | | |
|---------------|----------|--|--|--|
| JOB No | SHEET No | SHEET DESCRIPTION | | |
| 18040-10 | 01 | LOCALITY PLAN & GENERAL NOTES | | |
| 18040-10 | 02 | DETAIL PLAN | | |
| 18040-10 | 03 | PAVEMENT DETAILS & TYPICAL SECTIONS | | |
| 18040-10 | 04 | LONGITUDINAL SECTIONS | | |
| 18040-10 | 05 | CROSS SECTIONS - SMILAX STREET 1 OF 2 | | |
| 18040-10 | 06 | CROSS SECTIONS - SMILAX STREET 2 OF 2 | | |
| 18040-10 | 07 | CROSS SECTIONS - CONIFER DRIVE & FICUS CIRCUIT | | |
| 18040-10 | 08 | INTERSECTION DETAIL PLAN | | |
| 18040-10 | 09 | DRAINAGE LONGITUDINAL SECTIONS 1 OF 2 | | |
| 18040-10 | 10 | DRAINAGE LONGITUDINAL SECTIONS 2 OF 2 & PIT SCHEDULE | | |
| 18040-10 | 11 | SIGNAGE & LINE MARKING PLAN | | |

| | | SER | VICE OFFSET | TABLE | | |
|---------------|--------|------------|-------------|--------|--------|--------|
| STREET NAME | WATER | ND - WATER | GAS | TELCO | ELEC | POLES |
| SMILAX STREET | 3.20 W | 2.70 W | 2.30 W | 2.85 E | 3.45 E | 1.00m× |
| FICUS CIRCUIT | 3.20 N | 2.70 N | 2.30 N | 1.85 S | 2.35 S | 1.00m× |
| CONIFER DRIVE | 3.20 N | 2.70 N | 2.30 N | 1.85 S | 2.35 S | 1.00m× |

- X DENOTES OFFSET FROM BOKEN OF REME TELISTRA AND ELECTRICITY CABLES ARE TO BE CONSTRUCTED IN A COMMON TRENCH GAS AND WATER MAINS ARE TO BE CONSTRUCTED IN A COMMON TRENCH



WARNING BEWARE OF UNDERGROUND/OVERHEAD SERVICES

THE LOCATION OF SERVICES ARE APPROXIMATE ONLY THE LOCATION OF SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.SPECIAL CONSIDERATION SHOULD BE GIVEN TO CONSTRUCTION PROCEDURES UNDER OVERHEAD ELECTRICITY TRANSMISSION LINES.

| В | ISSUED FOR CONSTRUCTION | 22.10.21 | MR | TP |
|-----|--|----------|---------|----------|
| Α | ISSUED TO COUNCIL | 27.08.21 | MR | TP |
| No. | REVISION | DATE | DES/DFT | APPROVED |
| | 400/0 40 04 the least and 60 le | | | |

MITCHELL SHIRE COUNCIL

Approved for Construction

and management

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Office 1, Level 1, 114 Evans Street, Sunbury, VIC, 3429 roiect Management | Land Development | Civil Engineering

Designed M.ROSSITTO Checked .PHILLIPS T. MILINKOVIC AUGUST 2021

NEWBRIDGE SOUTH ESTATE STAGE 10 MITCHELL SHIRE COUNCIL LOCALITY PLAN

APPROVED

MITCHELL SHIRE COUNCIL APPROVED PLAN Drawing No: 18040-10-01 Revision: Sheet No: 01 of 11 Scale @ A1 N.T.S © Urban Design and Management Pty Ltd ABN 62 525 443 156

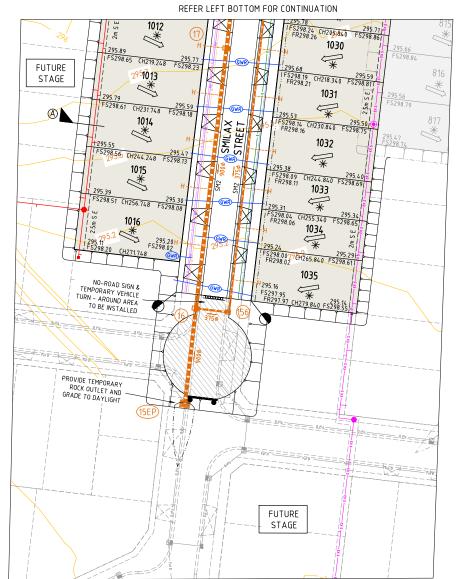
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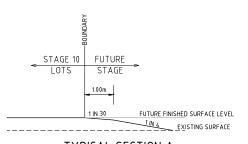


MR

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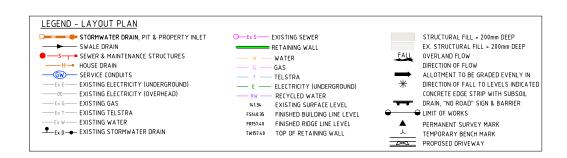
TP





TYPICAL SECTION A BATTER TO FUTURE STAGES

| TEMPORARY BENCH MARKS | | | | |
|-----------------------|---------|---------|-----------|-------------|
| Reference | North | East | Elevation | Description |
| C17 | 2483.10 | 2140.89 | 296.32 | STAR PICKET |
| C18 | 2388.04 | 2130.35 | 295.87 | STAR PICKET |
| C21 | 2344.46 | 2294.01 | 295.35 | STAR PICKET |





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Office 1, Level 1, 114 Evans Street, Sunbury, VIC, 3429 Principal RESIMAX GROUP PTY LTD 2 DREWERY PLACE MELBOURNE VIC 3000 Project Management | Land Development | Civil Engineering Traffic and Transport Engineering | Urban Design

Designed M.ROSSITTO .PHILLIPS Approved T. MILINKOVIC AUGUST 2021

NEWBRIDGE SOUTH ESTATE STAGE 10 MITCHELL SHIRE COUNCIL DETAIL PLAN MITCHELL SHIRE COUNCIL APPROVED

Drawing No: 18040-10-02 Revision: B Sheet No: 02 of 11 1:500 By Mohammad Sikder at 1:27 pm, Oct 25, 2021 APPROVED PLAN \circledcirc Urban Design and Management Pty Ltd $_{\rm ABN\,62\,525\,443\,156}$

B ISSUED FOR CONSTRUCTION

A ISSUED TO COUNCIL

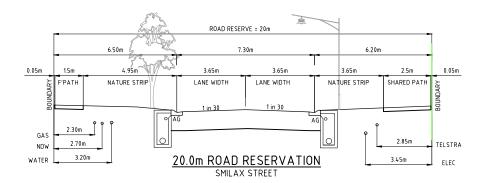


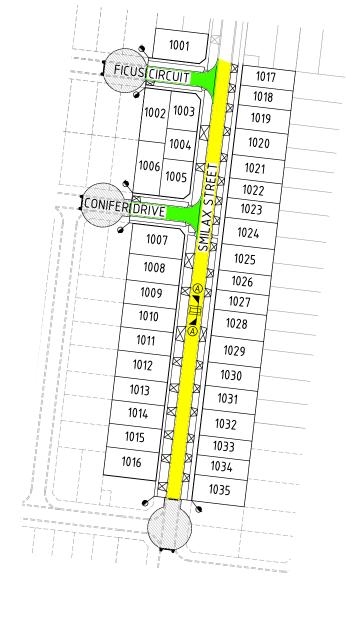
| Layer | Access Lane | Access Street (Level 1) | Access Street (Level 2) | Connector Street | | | |
|---|--|---|--|--|--|--|--|
| Asphalt (Wearing Course) | 20mm, Size 7 Type L (Class 320 Binder) ¹ | 30mm, Size 10 Type N (Class 320 Binder) | 40mm, Size 14 Type N (Class 320 Binder) | 40mm, Size 14 Type N (Class 320 Binder) | | | |
| Asphalt (Structural Course/Base Course) | 30mm, Size 10 Type N (Class 320 Binder) | 30mm, Size 10 Type N (Class 320 Binder) | 40mm, Size 14 Type HP ² (Class A10E Binder) | 40mm, Size 14 Type HP (Class A10E Binder) | | | |
| SAMI Size 10 S18R | SAMI Layer (Pavement Thickness does not include SAMI Layer, allow 5mm total thickness) | | | | | | |
| Prime | Primerseal or Bitumino | ous Prime (if not subjec | cted to the traffic during | g construction) | | | |
| Base (to match with kerb & channel) | 140mm, Size 20mm Class 2 Crushed Rock (VicRoads) | 130mm, Size 20mm Class 2 Crushed Rock (VicRoads) | 110mm, Size 20mm Class 2 Crushed Rock (VicRoads) | 110mm, Size 20mm Class 2 Crushed Rock (VicRoads) | | | |
| Base (Lower) | - | - | - | 100mm, Size 20mm Class 2 Crushed Rock (VicRoads) | | | |
| | 100mm, Size | 100mm, Size | 100mm, Size | 150mm, size 20, | | | |
| Unbound | 20mm Class 3 | 20mm Class 3 | 20mm Class 3 | 4% cement treated | | | |
| Subbase / Cement Treated | Crushed Rock (VicRoads) | Crushed Rock (VicRoads) | Crushed Rock (VicRoads) | Class 3 crushed rock (VicRoads) | | | |
| Lower Subbase | - | - | 140mm, Size 20mm Class 4 Crushed Rock (VicRoads) | - | | | |
| Capping Layer | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | | | |
| Construction Layer ³ | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | 150mm, Type A Selected Fill | | | |
| Subgrade | 2.0% CBR & 4.0% Swell | 2.0% CBR & 4.0% Swell | 2.0% CBR & 4.0% Swell | 2.0% CBR & 4.0% Swell | | | |
| DESAs | 4.71 x 10 ⁴ | 1.81 x 10 ⁵ | 7.80 x 10 ⁵ | 2.79 x 10° | | | |
| Total Thickness | 590mm | 590mm | 730mm | 740mm | | | |

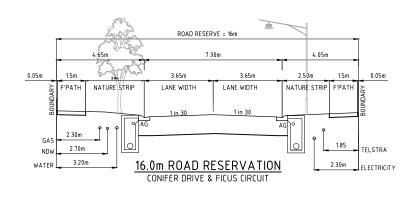
THE PAVEMENT DESIGN SHOWN HERE HAS BEEN DESIGNED/PROVIDED BY CONTINENT GEOTECH SERVICES PTY LTD WHO ARE RESPONSIBLE FOR THE GEOTECHNICAL WORK ON THIS PROJECT. URBAN DESIGN AND MANAGEMENT (UDM) IS NOT RESPONSIBLE FOR THE WORK OF CONTINENT GEOTECH SERVICES.

UDM DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE ACCURACY, ADEQUACY OR APPROPRIATENESS OF THE GEOTECHNICAL WORK AND PAVEMENT DESIGN. ANY QUERIES IN RESPECT TO THE GEOTECHNICAL WORK AND PAVEMENT DESIGN SHOULD BE ADDRESSED TO CONTINENT GEOTECH SERVICES PTY LTD AND SENT TO UDM.

IF THE FILL MATERIAL ON SITE IS TO BE GREATER THAN 1m FROM THE NATURAL SURFACE & THE IMPORTED FILL WITH CBR > 4.0% WILL BE FULFILLING THE ROLE OF THE SUBGRADE, REFER TO GEOTECHNICAL REPORT FOR ALTERNATIVE PAVEMENT COMPOSITION.

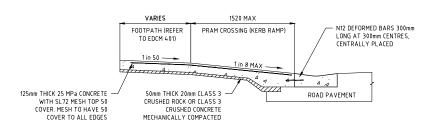




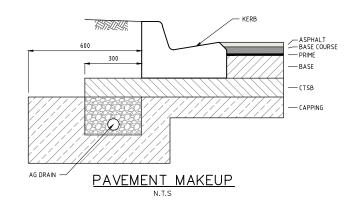


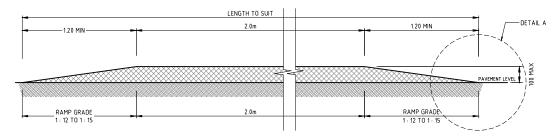
Melway Reference

2 DREWERY PLACE MELBOURNE VIC 3000

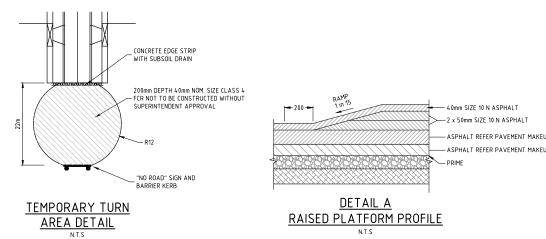


TYPICAL PEDESTRIAN PRAM CROSSING DETAILS (AS PER EDCM 403)





SECTION A-A FLAT TOP RAISED PAVEMENT



| В | EDCM 403 DETAIL ADDED | 22.10.21 | MR | TP | |
|-----|-----------------------|----------|---------|----------|--|
| Α | ISSUED TO COUNCIL | 27.08.21 | MR | TP | |
| No. | REVISION | DATE | DES/DFT | APPROVED | |
| | | | | | |

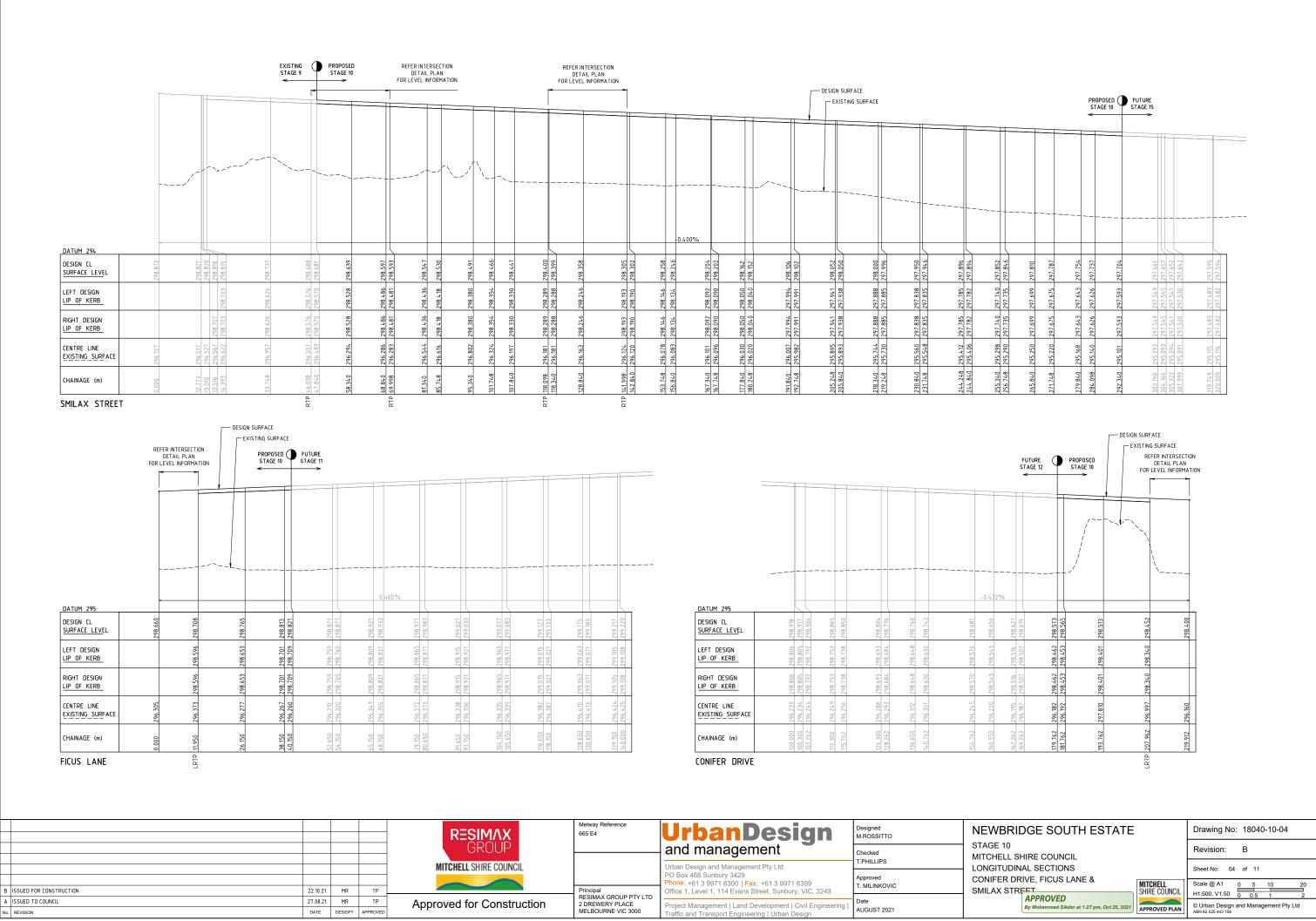


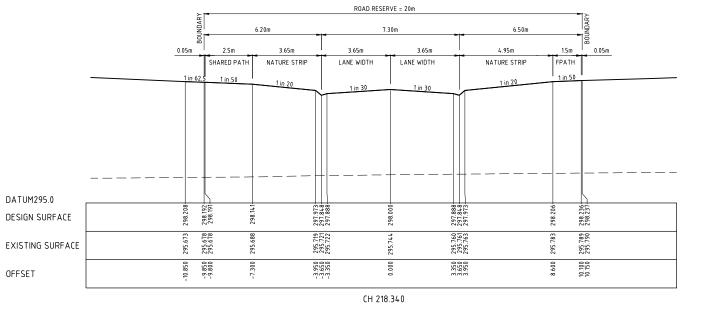
| Melway Reference 665 E4 | UrbanDesign and management |
|---------------------------------|---|
| Principal RESIMAX GROUP PTY LTD | Urban Design and Management Pty Ltd PO Box 468 Sunbury 3429 Phone: +61 3 9971 6300 Fax: +61 3 9971 6399 Office 1, Level 1, 114 Evans Street, Sunbury, VIC, 3249 |

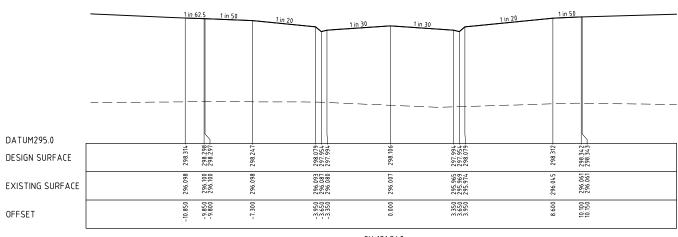
| UrbanDesign | Designed M.ROSSITTO | | |
|--|---------------------------|---|--|
| and management | Checked | | |
| Urban Design and Management Pty Ltd | T.PHILLIPS | | |
| PO Box 468 Sunbury 3429 Phone: +61 3 9971 6300 Fax: +61 3 9971 6399 Office 1, Level 1, 114 Evans Street, Sunbury, VIC, 3249 | Approved T. MILINKOVIC | | |
| David Management I David | Date | 1 | |
| Project Management Land Development Civil Engineering Traffic and Transport Engineering Urban Design | AUGUST 2021 | l | |

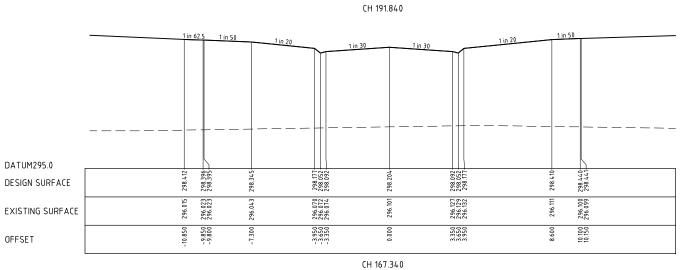
NEWBRIDGE SOUTH ESTATE STAGE 10 MITCHELL SHIRE COUNCIL PAVEMENT DETAILS & TYPICAL SECTIONS MITCHELL SHIRE COUNCIL APPROVED

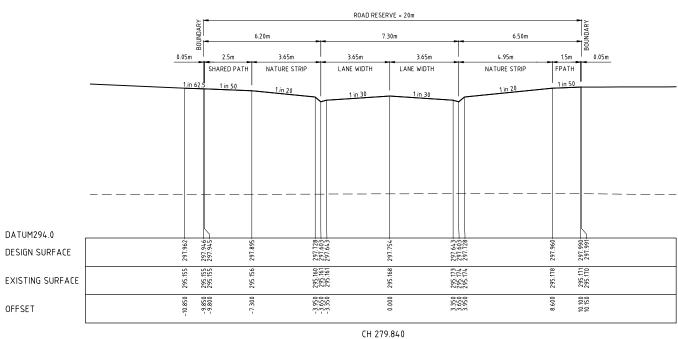
| | Drawing No: 18040-10-03 |
|-----|--|
| | Revision: B |
| | Sheet No: 03 of 11 |
| ار. | Scale @ A1 0 10 20 40 1:1000 |
| L | © Urban Design and Management Pty Ltd ABN 62 525 443 156 |

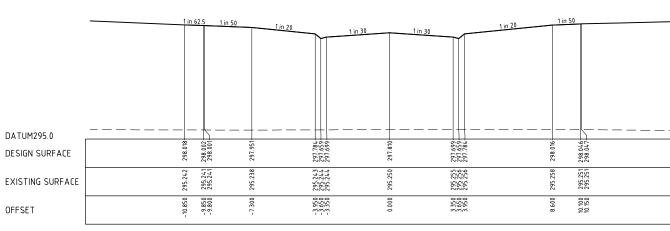


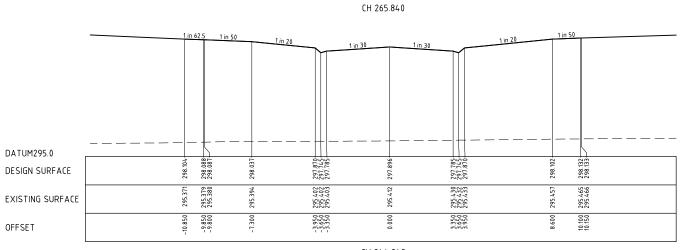












CH 244.248

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| | | | | | |
| | | | | | |
| В | ISSUED FOR CONSTRUCTION | 22.10.21 | MR | TP | L |
| Α | ISSUED TO COUNCIL | 27.08.21 | MR | TP | |
| No. | REVISION | DATE | DES/DFT | APPROVED | |



| Melway Reference 665 E4 | | UrbanDesign and management |
|----------------------------|---------------|---|
| Principal RESIMAX GROU | IP PTV I TN | Urban Design and Management Pty Ltd PO Box 468 Sunbury 3429 Phone: +61 3 9971 6300 Fax: +61 3 9971 6399 Office 1, Level 1, 114 Evans Street, Sunbury, VIC, 3249 |
| 2 DREWERY PL | DREWERY PLACE | Project Management Land Development Civil Engineering |

| Designed M.ROSSITTO |
|---------------------------|
| Checked T.PHILLIPS |
| Approved T. MILINKOVIC |
| Date AUGUST 2021 |

NEWBRIDGE SOUTH ESTATE Drawing No: 18040-10-06 STAGE 10 MITCHELL SHIRE COUNCIL CROSS SECTIONS - SMILAX STREET CH 167.340 - CH 279.840 SHEET 2 OF 2

APPROVED MITCHELL SHIRE COUNCIL Scale @ A1 H1:100, V1:50 APPROVED

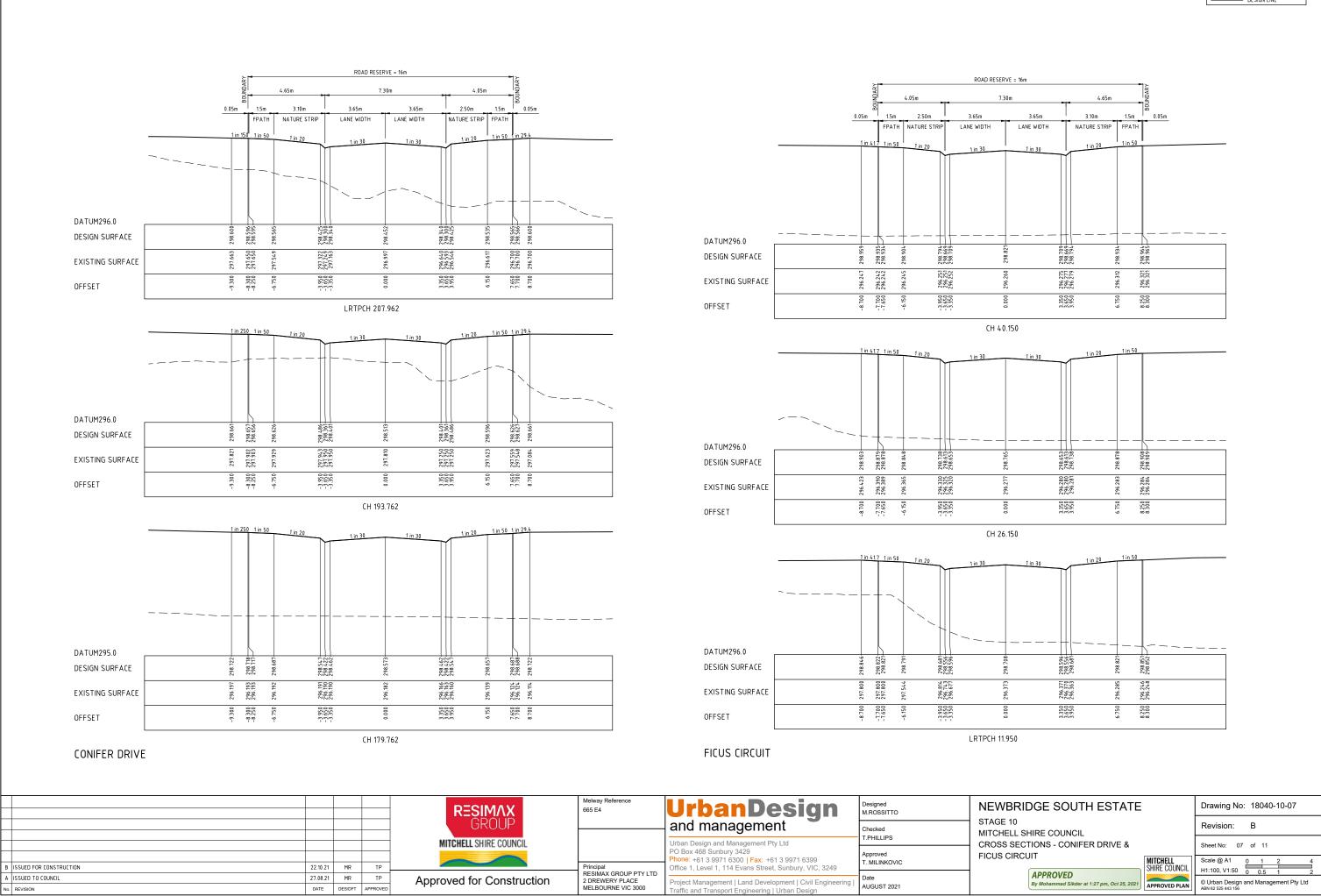
By Mohammad Sikder at 1:27 pm, Oct 25, 2021

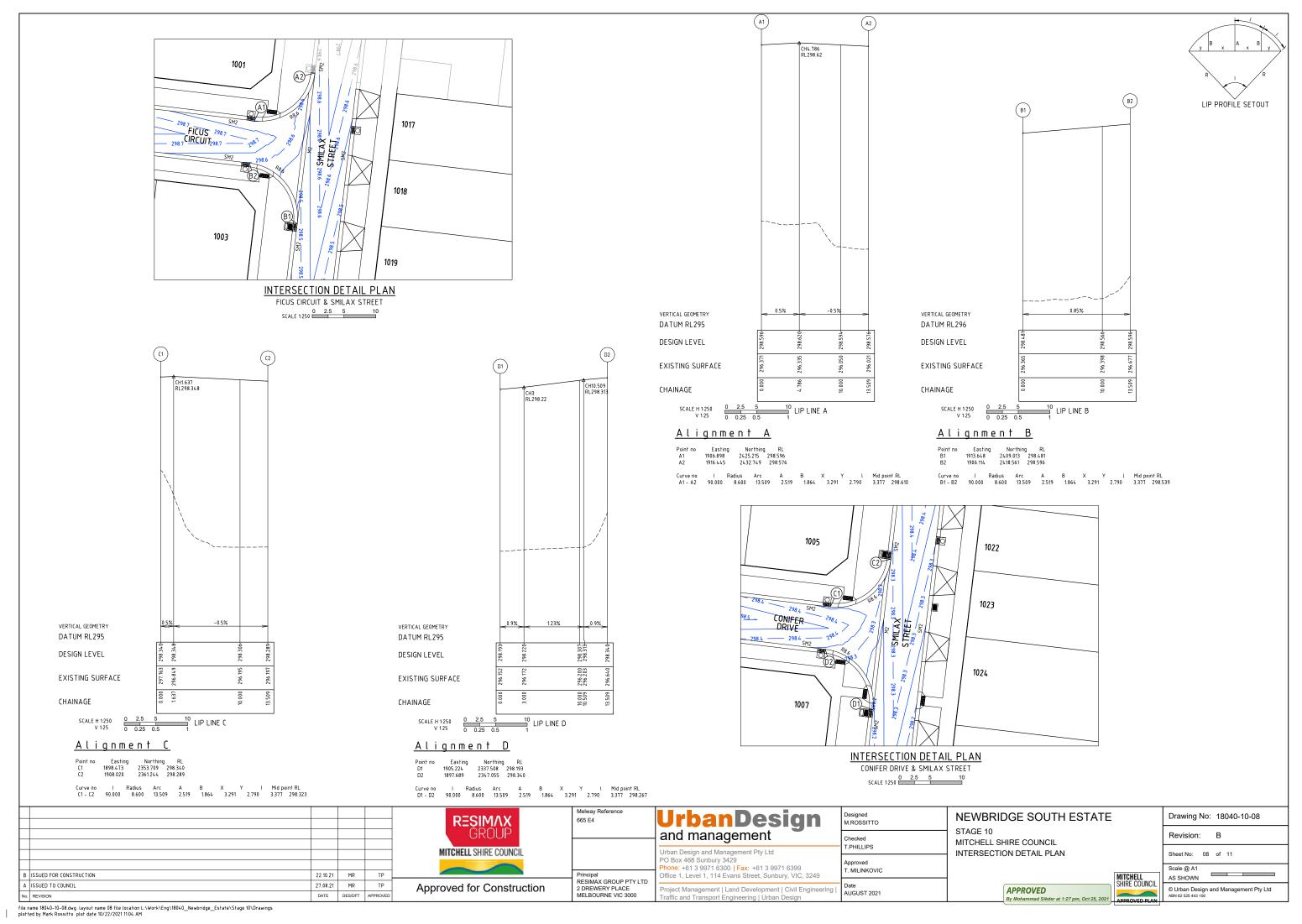
APPROVED PLAN

Revision: B Sheet No: 06 of 11 © Urban Design and Management Pty Ltd ABN 62 525 443 156

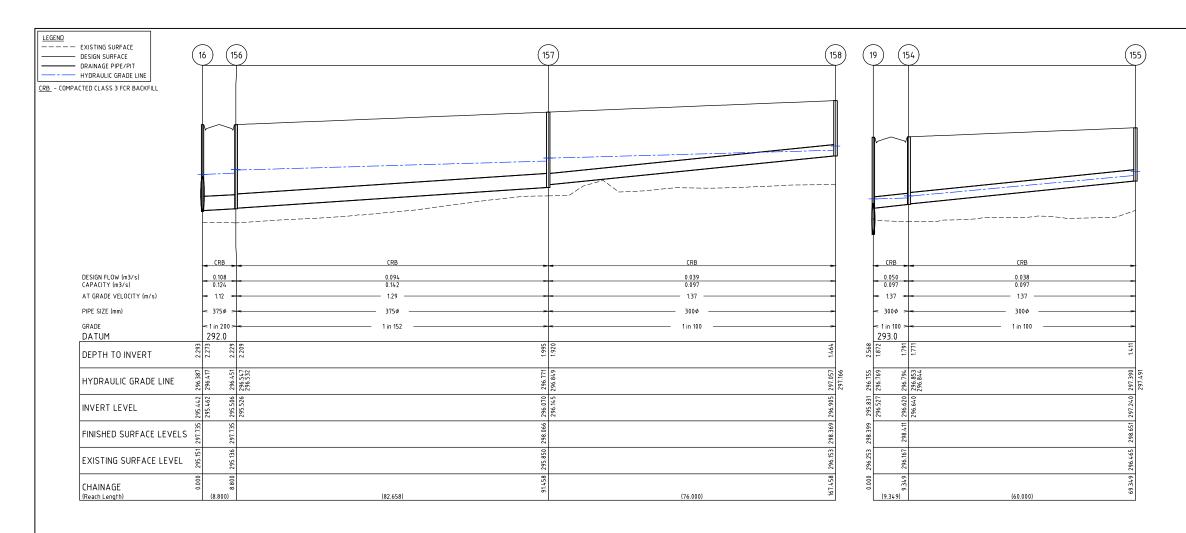
OFFSET

DATUM295.0

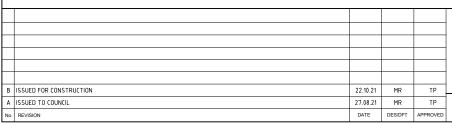








| PIT SCHEDULE | | | | | | | | | | | |
|--------------|-----------------------|----------|--------|-------|---------|--------|---------|-----------|-------|---------------------|--|
| NAME | ТҮРЕ | INTERNAL | | INLET | | OUTLET | | PIT | | CTD DUIG | DELANDIC |
| NAME | | WIDTH | LENGTH | DIA | INV LEV | DIA | INV LEV | SETOUT RL | DEPTH | STD DWG | REMARKS |
| | | | | | | | | | | | |
| 15EP | ENDPIPE | | | 900 | 295.382 | | | | | | PROVIDE TEMPORARY ROCK OUTLET |
| 16 | GRATED SIDE ENTRY PIT | 1200 | 900 | 900 | 295.462 | 900 | 295.442 | 297.735 | 2.293 | EDCM 603 & EDCM 607 | HAUNCH TO 600 X 900 COVER |
| | | | | 375 | 295.462 | | | | | | |
| 17 | GRATED SIDE ENTRY PIT | 1200 | 900 | 900 | 295.621 | 900 | 295.601 | 298.012 | 2.412 | EDCM 603 & EDCM 607 | HAUNCH TO 600 X 900 COVER |
| 18 | GRATED SIDE ENTRY PIT | 1200 | 900 | 825 | 295.782 | 900 | 295.762 | 298.298 | 2.536 | EDCM 603 & EDCM 607 | HAUNCH TO 600 X 900 COVER |
| | | | | 450 | 296.405 | | | | | | |
| 19 | GRATED SIDE ENTRY PIT | 1050 | 900 | 750 | 295.851 | 825 | 295.831 | 298.399 | 2.568 | EDCM 603 & EDCM 607 | HAUNCH TO 600 X 900 COVER |
| | | | | 300 | 296.527 | | | | | | |
| 20 | GRATED SIDE ENTRY PIT | 1050 | 900 | 450 | 296.634 | 750 | 295.948 | 298.586 | 2.638 | EDCM 603 & EDCM 607 | CONSTRUCT PIT OVER EXISTING ENDPIPE, HAUNCH TO 600 X 900 COVER |
| | | | | 600 | 295.968 | | | | | | |
| 21 | GRATED SIDE ENTRY PIT | 600 | 900 | 450 | 296.824 | 450 | 296.749 | 298.706 | 1.957 | EDCM 603 | |
| | | | | 450 | 296.822 | | | | | | |
| 22 | GRATED SIDE ENTRY PIT | 600 | 900 | 375 | 296.882 | 450 | 296.862 | 298.706 | 1.844 | EDCM 603 | |
| 23EP | ENDPIPE | | | | | 375 | 297.248 | | | | CAP ENDPIPE FOR FUTURE CONNECTION |
| 60EP | ENDPIPE | | | | | 450 | 296.975 | | | | CAP ENDPIPE FOR FUTURE CONNECTION |
| 75 | GRATED SIDE ENTRY PIT | 600 | 900 | 375 | 296.71 | 375 | 296.69 | 298.45 | 1.76 | EDCM 603 | |
| 76EP | ENDPIPE | | | | | 375 | 297.075 | | | | CAP ENDPIPE FOR FUTURE CONNECTION |
| 78 | GRATED SIDE ENTRY PIT | 600 | 900 | 450 | 296.483 | 450 | 296.463 | 298.45 | 1.987 | EDCM 603 | |
| | | | | 375 | 296.651 | | | | | | |
| 79 | GRATED SIDE ENTRY PIT | 600 | 900 | 450 | 296.626 | 450 | 296.606 | 298.65 | 2.043 | EDCM 603 | |
| 80EP | ENDPIPE | | | | | 450 | 296.657 | | | | CAP ENDPIPE FOR FUTURE CONNECTION |
| 154 | GRATED SIDE ENTRY PIT | 600 | 900 | 300 | 296.64 | 300 | 296.62 | 298.411 | 1.791 | EDCM 603 | |
| 155 | GRATED SIDE ENTRY PIT | 600 | 900 | | | 300 | 297.24 | 298.651 | 1.411 | EDCM 603 | |
| 156 | GRATED SIDE ENTRY PIT | 600 | 900 | 375 | 295.526 | 375 | 295.506 | 297.735 | 2.229 | EDCM 603 | |
| 157 | GRATED SIDE ENTRY PIT | 600 | 900 | 300 | 296.145 | 375 | 296.07 | 298.066 | 1.995 | EDCM 603 | |
| 158 | JUNCTION PIT | 600 | 900 | | | 300 | 296.905 | 298.369 | 1.464 | EDCM 605 | |







| Designed M.ROSSITTO |
|---------------------------|
| Checked F.PHILLIPS |
| Approved T. MILINKOVIC |
| Date AUGUST 2021 |

NEWBRIDGE SOUTH ESTATE
STAGE 10
MITCHELL SHIRE COUNCIL
DRAINAGE LONGITUDINAL SECTIONS
SHEET 2 OF 2 & PIT SCHEDULE

MIT
APPROVED

| E | MITCHELL SHIRE COUNCIL |
|--------------------|---------------------------|
| 7 pm, Oct 25, 2021 | APPROVED PLAN |

Drawing No: 18040-10-10

Revision: B

Sheet No: 10 of 11

Scale @ A1 0 5 10 20
H1:500, V1:50 0 0.5 1 2

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