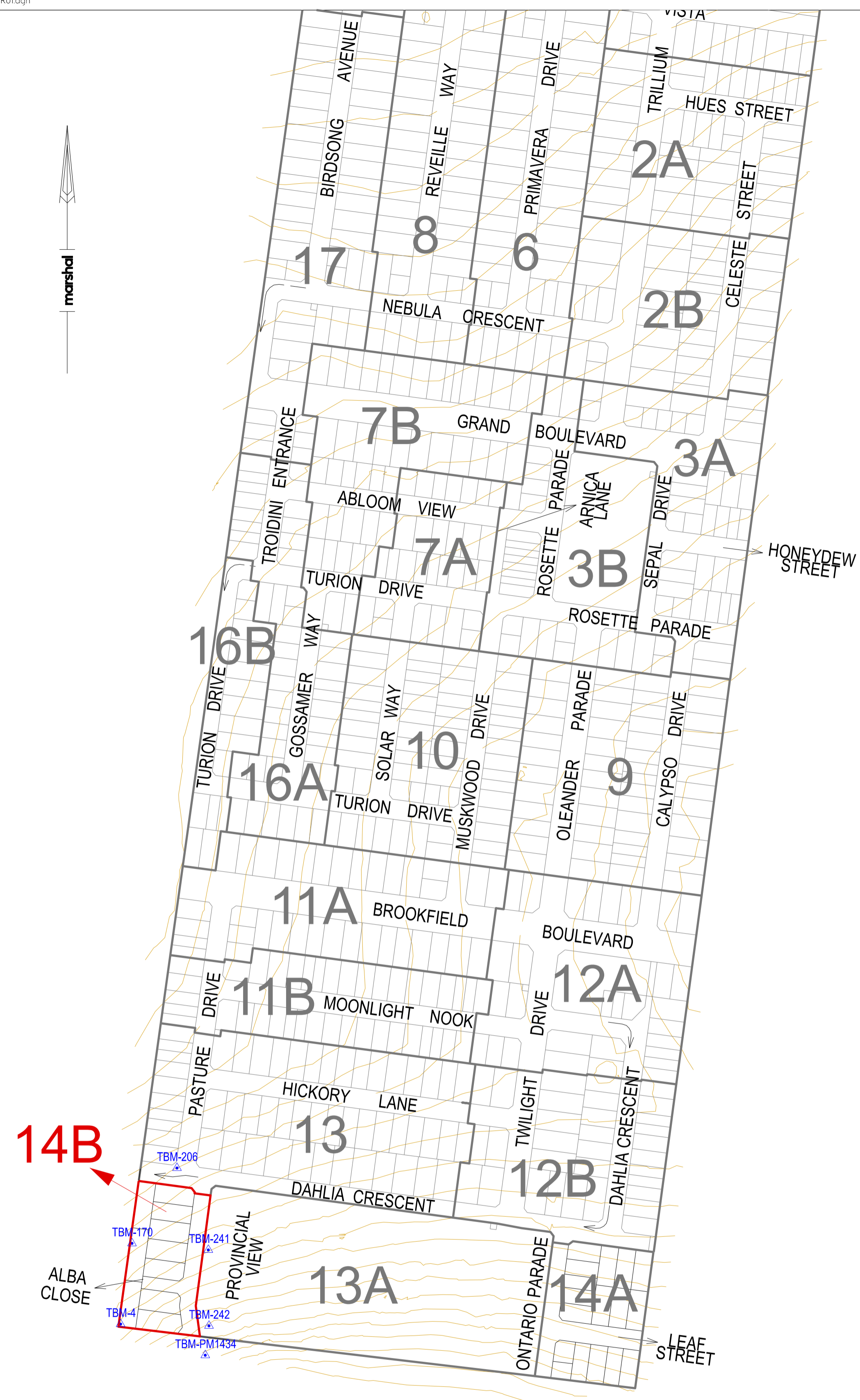


# DETAILED DESIGN

## TRILLIUM ESTATE

### STAGE 14B

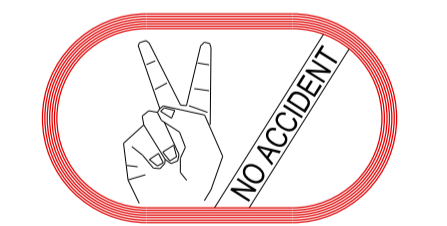


DRAWING INDEX	
SHEET No.	DRAWING TITLE
R01	LOCALITY PLAN, TBM & SHEET INDEX
R02	PLAN OF SUBDIVISION
R03	STANDARD NOTES
R04	TYPICAL ROAD CROSS SECTIONS AND SIGNAGE & LINEMARKING PLAN
R05	EARTHWORKS PLAN & DESIGN CONTOURS PLAN
R06	DETAIL PLAN & SERVICE OFFSETS TABLE
R07	STANDARD DETAILS AND ROAD PAVEMENT PLAN & DETAILS
R08	CONCRETE JOINTING PLAN & DETAILS
R09 - R10	PROVINCIAL VIEW - ROAD LONGITUDINAL & CROSS SECTIONS
R11	ALBA CLOSE - ROAD LONGITUDINAL & CROSS SECTIONS
R12	INTERSECTION DETAIL PLAN, KERB ALIGNMENT PROFILES & SETOUT DATA
R13	DRAINAGE LONGITUDINAL SECTIONS
R14	DRAINAGE PIT SCHEDULE

SUBDIVISION ACT 1988  
 This approved engineering plan forms part of Planning Permit P27106  
 Date: 28/05/2026  
 Sheet 1 of 14  
 Signature for Responsible Authority:  
 Senarath Pathirana

#### CONTRACTOR TO NOTE

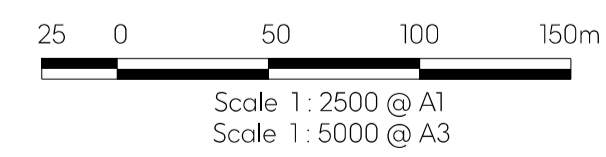
**BEWARE OF UNDERGROUND SERVICES**  
 THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. UNDERGROUND SERVICE INFORMATION HAS BEEN OBTAINED VIA BYDA ENQUIRY AND HAS BEEN REVIEWED AND INCORPORATED BY DESIGNERS WHERE APPLICABLE. CONTRACTORS MUST VERIFY ALL UNDERGROUND SERVICES ON SITE PRIOR TO EXCAVATION. EXTREME CARE TO BE TAKEN AT ALL TIMES WHEN BORING NEAR OR ACROSS EXISTING SERVICES.



THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR AND AT ALL TIMES PROVIDE A SAFE WORKING ENVIRONMENT IN THE VICINITY OF THE SITE OF WORKS IN FULL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS.  
 IN ACCORDANCE WITH CLAUSE 15 OF AS2124-1992, THE CONTRACTOR MUST ENSURE THE SAFETY OF THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PEOPLE WHO ARE ON OR ADJACENT TO THE SITE.  
 THE CONTRACTOR MUST COMPLY WITH THE VICTORIAN OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING SAFETY HELMETS, SAFETY BOOTS, EAR AND EYE PROTECTION, WHERE APPROPRIATE.

TBM No.	MARSHAL LOCAL			MGA94 ZONE55		Description
	Easting	Northing	RL	Easting	Northing	
4	3495.08	9148.92	244.37	313495.08	5839148.94	Dropper
170	3504.29	9213.96	246.13	313504.30	5839213.98	Dropper
206	3540.60	9274.77	247.11	313540.61	5839274.79	Alum Rivet
241	3565.89	9208.71	245.13	313565.90	5839208.73	Alum Rivet
242	3566.41	9147.51	245.52	313566.42	5839147.53	Alum Rivet
PM1434	3563.43	9123.79	241.51	313563.44	5839123.80	PM

ALL WORKS MUST BE CARRIED OUT IN ACCORDANCE WITH COUNCIL SPECIFICATIONS, DIM STANDARDS AND STANDARD DRAWINGS FOR ROAD AND DRAINAGE WORKS



**APPROVER**  
 I. PHILLIP MILLER  
 APPROVE THE ABOVE LISTED DRAWINGS TO BE ISSUED

**Hume City Council**  
 Villawood Properties P/L  
 Trillium Estate - Stage 14B  
 Mount Ridley Road  
 Craigieburn/Mickleham

Plan Number  
**36182-14B R01**



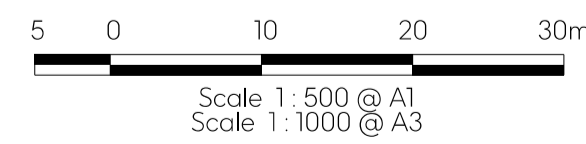
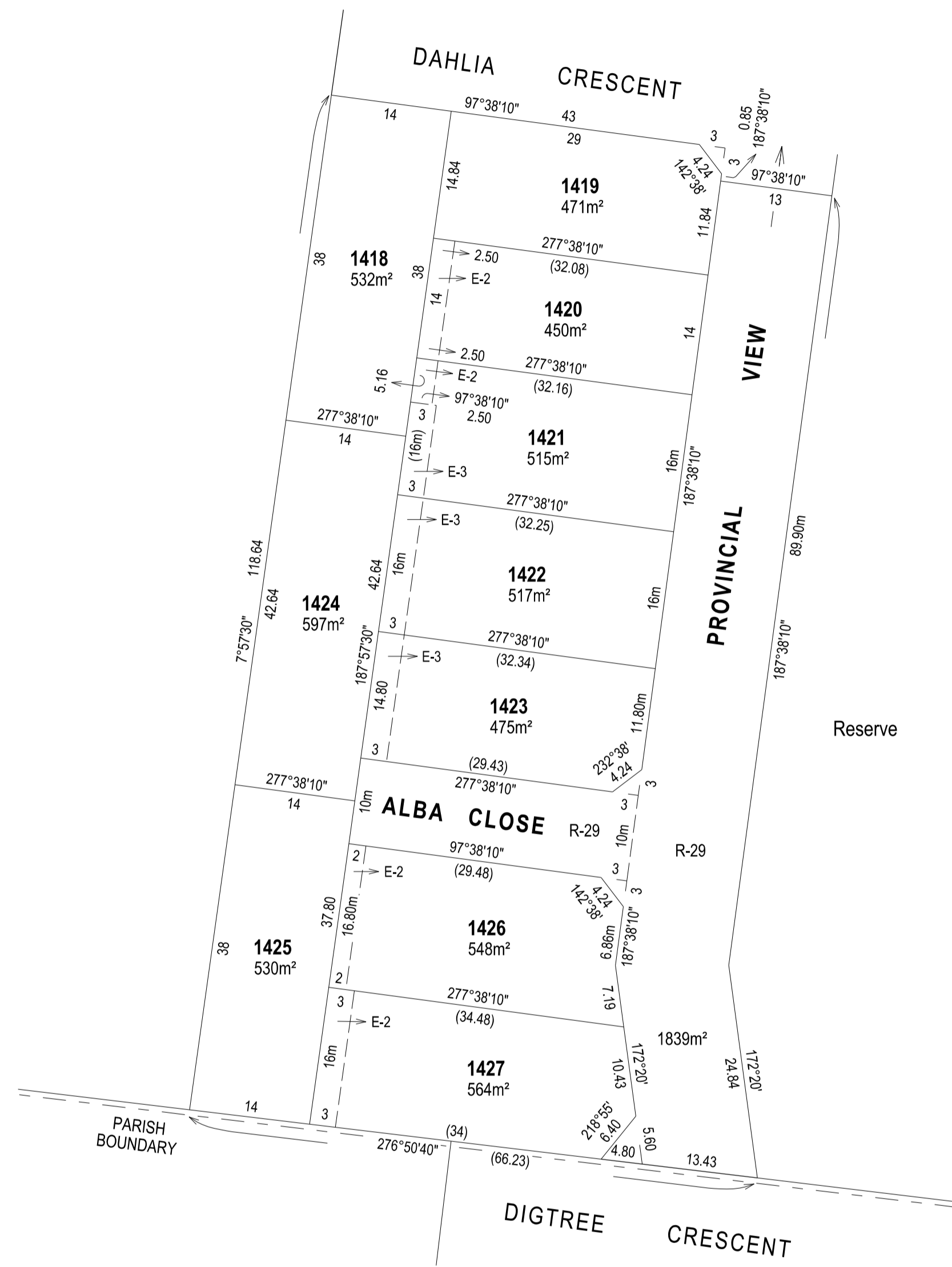
**For Approval**

Project No.	36182_14B	Scale	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	S.S.	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	S.S.	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	S.S.	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	S.S.	K.D.G.	P.S.M.

Locality Plan, TBM & Sheet Index  
 Revision **C**  
 Sheet 01 of 14

**SUBDIVISION ACT 1988**  
 This approved engineering plan forms part of Planning Permit P27106.  
 Date: 28/05/2026  
 Sheet 2 of 14  
 Signature for Responsible Authority:  
 Senarath Pathirana



PLEASE NOTE THE LAYOUT OF THIS SHEET HAS BEEN INCLUDED FOR CONVENIENCE.  
 FOR PROPOSED/REGISTERED TITLE BOUNDARIES, PROPOSED / REGISTERED  
 EASEMENTS AND ANY EXISTING OR CREATED RESTRICTIONS, PLEASE REFER TO THE  
 PLAN OF SUBDIVISION PS 649691Y/S29

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	P.S.M.

**marshal**



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R02</b>
<b>Plan of Subdivision</b>		Revision <b>C</b>
		Sheet 02 of 14

This plan (or the data transmitted hereon) has been prepared to facilitate the construction & should not be used for any other purpose. Marshal accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-out dimensions of all design lines, grid lines, control lines, recovery marks & bench marks should be verified & confirmed against the latest information at construction. Marshal is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work.

Disclaimer - Marshal therefore disclaims any liability whatsoever & howsoever caused for loss or damage arising from a third party's misuse of the plan/data (whether inadvertent or not) caused by the failure to inform any such third party of the limitations which apply to the information contained in this plan/within the accompanying data.

**GENERAL NOTES**

- ALL DIMENSIONS ARE IN METRES (UNO).
- ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD).
- ALL WORKS ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT STANDARDS, DRAWINGS AND SPECIFICATIONS OF THE RELEVANT MUNICIPAL AND STATUTORY AUTHORITIES (CURRENT AT THE TIME OF CONSTRUCTION), AND THE AUSTRALIAN STANDARD GENERAL CONDITIONS OF CONTRACT AS 2124-1992.
- THE CONTRACTOR SHALL CHECK LOCATION AND DEPTH OF ALL EXISTING SERVICES, INCLUDING THOSE WHICH MAY HAVE BEEN ABANDONED, PRIOR TO THE COMMENCEMENT OF ANY WORKS. ANY DISCREPANCIES ARE TO BE REPORTED TO THE ENGINEER.
- FINAL LOCATION OF SERVICE CONDUITS, HOUSE DRAINS AND VEHICLE CROSSINGS SHALL BE DETERMINED ON-SITE BY THE ENGINEER WHERE REQUIRED. CONDUITS FOR GAS AND WATER ARE TO BE A MINIMUM OF 4 METRES CLEAR OF SIDE BOUNDARIES WHERE PRACTICAL. WATER SERVICE LOCATIONS TO BE DETERMINED IN CONJUNCTION WITH WATERMAIN SUBCONTRACTOR.
- THE WORKS ARE TO INCLUDE THE COMPLETE GRADING AND REINSTATEMENT OF DISTURBED AREAS, INCLUDING RESURFACING WITH 150MM MINIMUM DEPTH OF APPROVED TOPSOIL, SOWN TO THE SATISFACTION OF THE ENGINEER.
- THE PLANS OF SUBDIVISION CERTIFIED BY COUNCIL ARE AN ANNEXURE TO THESE DRAWINGS.
- STANDARD DRAWINGS ISSUED BY COUNCIL ARE AN ANNEXURE TO THESE DRAWINGS.
- ALL DRAINAGE PIPES WITHIN EASEMENTS ARE AT 1 METRE CENTRELIN OFFSET UNLESS NOTED OTHERWISE.
- PERMISSION IS TO BE OBTAINED FROM THE WATER COMPANY FOR THE USE OF WATER SUPPLY FOR CONSTRUCTION PURPOSES.
- THE 'SCHEDULE OF QUANTITIES' ARE AN ANNEXURE TO THESE DRAWINGS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE 'SCHEDULE OF QUANTITIES' ACCURATELY REFLECTS THE INFORMATION DETAILED IN THESE PLANS. ALL DISCREPANCIES SHOULD BE REPORTED BACK TO THE ENGINEER PRIOR TO SIGNING OF CONTRACTS. NO ALLOWANCES WILL BE MADE FOR DISCREPANCIES ONCE CONTRACTS HAVE BEEN SIGNED.
- THESE PLANS ARE FOR SUBDIVISION CONSTRUCTION PURPOSES ONLY.
- THESE PLANS MAY NOT BE REPRODUCED EXCEPT IN FULL.

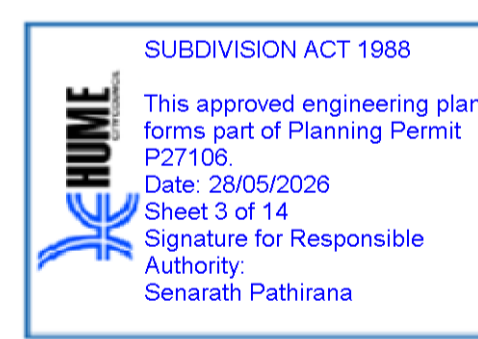
**HUME CITY COUNCIL NOTES**

- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH VPA & HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- COUNCIL TO BE NOTIFIED SEVEN (7) CLEAR WORKING DAYS PRIOR TO THE COMMENCEMENT OF WORKS WITH A PRECOMMENCEMENT MEETING BEING HELD BETWEEN HUME CITY COUNCIL, THE CONSULTANT AND THE CONTRACTOR BEFORE WORKS COMMENCE. A SITE MANAGEMENT PLAN IS TO BE SUBMITTED PRIOR TO COMMENCEMENT OF WORKS AND PRIOR TO AN ONSITE PRECOMMENCEMENT MEETING.
- 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 RESULTS SHALL BE PROVIDED.
- PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 2004 AND OHS REGULATIONS 2007, HAVE BEEN AND WILL BE COMPLIED WITH.
- 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 MAINTENANCE PERIOD OF THE WORKS.
- THE DISPOSAL SITE FOR SPOIL REMOVAL FROM SITE AND TRUCK ROUTE IS TO BE SUBMITTED TO AND APPROVED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE IN WRITING PRIOR TO THE COMMENCEMENT OF ANY WORKS.
- WHERE WORKS ARE IN THE VICINITY OF EXISTING SERVICES, THESE SERVICES ARE TO BE LOCATED AND EXPOSED/PROVED PRIOR TO COMMENCEMENT OF WORKS, AND THE RELEVANT AUTHORITIES NOTIFIED SEVEN (7) CLEAR DAYS PRIOR TO THE COMMENCEMENT OF THE WORKS.
- THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS WITH THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE AS PER THE HOLD POINTS IN THE VPA MANUAL AND HUME CITY COUNCIL SPECIFICATIONS.
- FILL AREAS TO BE STRIPPED OF TOPSOIL, FILLED AND TOPSOIL REPLACED TO OBTAIN FINAL FILL LEVELS AS SHOWN ON PLAN. FILLING IS TO BE CLEAN CLAY COMPACTED TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.1.1-2003.
- FILLING TO COMPLY WITH A.S.3798-2007, LEVEL 1 UNLESS SPECIFIED OTHERWISE.
- 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 (SEPT '95) AND SUBSEQUENT REVISIONS, THE CONTRACTOR SHALL IF REQUIRED PROVIDE VERIFICATION INCLUDING TEST CERTIFICATES TO THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- 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.
- NO TREE OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL'S SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.
- BEFORE COMMENCING WORK ON TRENCHES IN EXCESS OF 1.5m DEEP, NOTICE OF SUCH PROPOSAL IS TO BE FORWARDED BY THE CONTRACTOR TO WORKSAFE VICTORIA.
- THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURES / FENCES AND FOR ANY RETAINING WALLS OVER 1.0m IN HEIGHT.
- ANY INFRASTRUCTURE DAMAGE DURING THE DEFECTS LIABILITY PERIOD IS THE RESPONSIBILITY OF THE DEVELOPER OR HIS REPRESENTATIVE AND IS TO BE REINSTATED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER OR HIS REPRESENTATIVE.
- PRIOR TO STATEMENT OF COMPLIANCE ALL DISTURBED AREAS (INCLUDING NATURESTRIPS, BATTERS, ALLOTMENTS WITH GRADES OF 1:5 AND GREATER, AND RESERVES) ARE TO BE REINSTATED TO A CLEAN, TIDY CONDITION, TOP DRESSED (100mm LOAMY TOP SOIL FREE OF RUBBISH, DEBRIS, CLUMPS, SODS AND CLAY LUMPS), LIGHTLY COMPACTED AND HYDRO MULCHED.  
  
HYDROMULCH AND SEED MIX TO BE:  
- 40KG/HA KIKUYU  
- 200KG/HA TURF TYPE PERENNIAL RYE  
- 100KG/HA CREEPING RED FESCUE  
- 1,500KG/HA OF CELLULOSE FIBRE SOIL BINDER, SPECIFICALLY MANUFACTURED FOR HYDROMULCHING, USED AT MANUFACTURERS RECOMMENDED RATES. (E.G. ORGANIC GAUR TACKIFIERS @ 20 - 30 KG/HA, BASED ON, SITE CONDITIONS.
- GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD, UNLESS OTHERWISE AGREED IN WRITING.
- FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
- ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED.
- ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.

- 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 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003. ALL SERVICE CONDUITS TRENCHES UNDER FOOTPATH, VEHICULAR CROSSINGS, PARKING BAYS AND WITHIN 750mm OF PARKING BAYS TO BE BACKFILLED WITH CLASS 3 CRUSHED ROCK.
- 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.
- WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
- ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
- ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- AT THE COMPLETION OF ALL WORKS, ALL RUBBISH, DEBRIS AND SURPLUS SPOIL SHALL BE REMOVED AND THE SITE SHALL BE CLEARED TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- ALL DRAINS BEHIND KERB AND CHANNEL SHALL BE BACKFILLED TO MATCH PAVEMENT SUBGRADE LEVEL WITH 20mm CLASS 3 FCR COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S. 1289.5.2.1-2003. ALL DRAINS, SEWERS, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT CONDUITS) ARE TO BE BACKFILLED WITH 20mm CLASS 2 FCR COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE MODIFIED COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.2.1-2003.
- PAVEMENT DEPTH SPECIFIED IS A MINIMUM DEPTH AND MAY BE VARIED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE. SOFT SPOTS SHALL BE EXCAVATED TO A PROOF ROLLED BASE AND BACKFILLED WITH APPROVED MATERIAL COMPACTED IN 150mm LAYERS TO ACHIEVE TO A DENSITY NOT LESS THAN 95% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH A.S.1289.5.1.1-2003.
- ALL EXISTING ASSETS AFFECTED BY THE WORKS; EG SIGNS, VEHICLE CROSSINGS, FOOTPATHS, KERB AND LINEMARKING SHALL BE REINSTATED BY THE CONTRACTOR PRIOR TO THE COMPLETION OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- PRIOR TO THE COMPLETION OF THE WORKS, ALL FIRE HYDRANTS ARE TO BE MARKED IN ACCORDANCE WITH "IDENTIFICATION OF STREET HYDRANTS FOR FIREFIGHTING PURPOSES" PUBLICATION (DEVELOPED BY C.F.A. M.F.B. & E.S.B). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST.
- AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH EDM STANDARD DRAWING 202.
- ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
- ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH A.S.1742 - 1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH COUNCIL STANDARD DRAWING SD408.
- ALL LINEMARKING PAINT SHALL BE LONG LIFE TYPE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PLASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.
- ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF A.S.1743 -2001.
- HOUSE DRAIN CONNECTIONS TO 150mm DIAMETER PIPES TO BE VIA A MANUFACTURED JUNCTION PIECE. 150mm DIAMETER STORMWATER PIPES ARE TO BE HEAVY DUTY SEWER GRADE. PVC PIPES SHALL BE BACKFILLED WITH 10mm MINUS F.C.R. TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.
- 100mm HOUSE DRAIN CONNECTIONS TO BE LAID AT AN OFFSET OF 5.5m FROM THE LOW SIDE TITLE BOUNDARY AND PROPERTY INLETS 1.0m FROM THE LOW SIDE OF TITLE BOUNDARY REAR EASEMENTS, UNLESS OTHERWISE SHOWN.
- BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS.  
- COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY.  
- RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING.  
- COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL.  
- RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE PROCEDURES AND CONTRACTOR AND CONSULTANT CONTACT NAMES AND PHONE NUMBERS.  
- ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN A.S. 2187.2-1993.  
- ALL BLASTS SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FROM AS 2187.2-1993, AND WAVE TRACE COPIES ARE TO BE SUBMITTED TO COUNCIL FOR EACH BLAST.  
- BLASTING IS TO BE RESTRICTED TO BETWEEN 9:00am AND 3:30pm.  
- BLASTING IS NOT TO OCCUR ON WEEKENDS OR PUBLIC HOLIDAYS.  
- BLASTING AREA SIGNS ARE TO BE PLACED AT ALL ENTRANCES TO THE SITE.
- SODIC SOILS ARE PRESENT ON SITE. FOR TREATMENT OF SODIC SOILS REFER TO REPORT : '003669 MICKLEHAM SODIC SOIL INVESTIGATION'. THE FOLLOWING PRACTICES ARE TO BE ADOPTED FOR ALL DISPERSIVE SOILS ON SITE:  
- SOILS FROM DIFFERENT HORIZONS MUST BE STRIPPED AND STOCKPILED SEPARATELY IN VIEW OF THE VARIATION IN AMELIORATION REQUIREMENTS.  
- ANY SOILS EXCAVATED FROM BELOW 1.5m SHOULD BE TREATED AS RECOMMENDED IN THE REPORT AND KEPT ASIDE SEPARATELY AND THE RESULTING STOCKPILES CHECKED FOR SALINITY.  
- THE STOCKPILED SOILS SHOULD NOT EXCEED 2 METRES IN HEIGHT AND MUST NEVER BE TRAFFICKED.  
- THE STOCKPILED SOILS SHOULD HAVE GYPSUM APPLIED AS PER TABLE 1 OF THE REPORT.  
- GYPSUM APPLIED TO THE STOCKPILED SOILS MUST BE THOROUGHLY INCORPORATED THROUGHOUT THE SOIL MATRIX, AND THEN WATERED WELL TO ALLOW THE GYPSUM TO STABILISE THE SOIL.  
- GYPSUM APPLIED TO EXPOSED IN SITU SOILS MUST BE SURFACE APPLIED AND WORKED INTO THE TOP 100mm USING A ROTARY HOE OR EQUIVALENT AND WATERED IN WELL.  
- THERE IS NO WITHHOLDING PERIOD FOLLOWING INCORPORATION OF GYPSUM AND SOILS MAY BE PLACED IMMEDIATELY MAKING SURE THAT SUBSOILS ARE AGAIN PLACED AT DEPTH AND TOPSOILS ARE PLACED ON TOP OF THE SUBSOIL.  
- DEEP EXCAVATION SOIL, KEPT SEPARATELY IN STOCKPILE SHOULD BE CHECKED FOR SALINITY. WHERE SALINITY OCCURS, SUCH MATERIAL SHOULD BE USED FOR SOIL PLACEMENTS COVERED WITH A MINIMUM OF 1.0m OF NON-SALINE SOIL.

**SITE SPECIFIC NOTES**

- ALL CONSTRUCTION TRAFFIC, STORAGE AND COMPOUNDS ARE TO BE LIMITED TO THE SITE OF WORKS. THE FUTURE STAGE AREA IS TO BE KEPT UNDISTURBED, EXCEPT FOR SPECIFIC WORKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE SILTATION CONTROL DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.
- FILLING IN ALL PROPERTIES AND ROAD RESERVES IS TO BE CARRIED OUT USING APPROVED CLAY FILL. TOP SOIL AND ALL VEGETABLE MATTER TO BE STRIPPED FROM SITE PRIOR TO FILLING. ALL FILLING TO BE CARRIED OUT IN 150mm LAYERS AND COMPACTED TO 95% OF MAXIMUM DRY DENSITY. ALL FILLING TO COMPLY WITH AS3798 - 2007, SECTION 8.2, LEVEL 1.
- ALL SERVICES TRENCHES UNDER PAVEMENT WORKS ARE TO BE BACKFILLED WITH FCR AS SPECIFIED.
- ANY CYPRESS OR PINE TREES MUST BE REMOVED FROM THE SITE PRIOR TO THE COMMENCEMENT OF WORKS, AND COUNCIL'S LANDSCAPE OFFICER MUST BE CONSULTED PRIOR TO EITHER THE REMOVAL, OR RETENTION OF ANY OTHER TREES. NO TOPSOIL SHALL BE REMOVED FROM SITE.
- AG. DRAIN TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL.
- ALL DRAINAGE PIPES GREATER THAN 150mm TO BE R.R.J CLASS 2. (UNO)
- ACCESS TO EXISTING RESIDENCE TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION.
- ALL DRAINAGE LINES UNDER PAVEMENTS, PARKING BAYS, ETC AND WHERE TRENCH IS WITHIN 150mm OF BACK OF KERB ARE TO BE BACKFILLED WITH FCR AS SPECIFIED.
- APPROPRIATE INSPECTIONS SHALL BE ORGANISED WITH HUME CITY COUNCIL'S COUNCIL WORKS SUPERVISOR.
- REFER SEPARATE PLAN FOR WORKS ASSOCIATED WITH SEWER, WATER SUPPLY, ELECTRICITY SUPPLY, TELSTRA AND GAS SUPPLY. THESE SERVICES ARE SHOWN ON THE DETAIL PLAN INDICATIVELY ONLY & MAY BE SUBJECT TO MINOR VARIATIONS
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND BACKFILLING OF TRENCHING FOR RETICULATION ELECTRICITY AND COMMUNICATION CABLES, AND THE REMOVAL OF EXCESS SPOIL.
- MINIMUM FALL ON ALL LOTS TO BE 1 IN 150 LONGITUDINALLY.
- PAVEMENT DEPTH TO BE MODIFIED AS DIRECTED BY HUME CITY COUNCIL.
- USE OF ANY SOFT RIPPED ROCK IN ROAD PAVEMENT IS TO CONFORM TO SPECIFICATIONS FOR RIPPED ROCK.
- ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH CURRENT HUME CITY COUNCIL SPECIFICATIONS AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF HUME CITY COUNCIL SUPERVISING ENGINEER.
- NO CUT OR FILL EXTENDS INTO BUILDING ENVELOPES, EXCEPT WHERE SHOWN.
- THE CONTRACTOR SHALL CONTACT TELSTRA'S NOMINATED REPRESENTATIVE, PETER FEBO (03) 9632 6384 FOR THE COORDINATION OF TELSTRA WORKS IN LAYING CONDUITS, AT LEAST 28 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF TELSTRA WORKS.
- TELSTRA AND ELECTRICITY CABLES ARE TO BE PLACED IN A SHARED TRENCH.
- ALL BATTERS SHALL BE BLENDED INTO THE NATURAL GROUND LEVEL TO THE SATISFACTION OF THE ENGINEER, 0.3M BERM REQUIRED AT TOE OF BATTERS HIGHER THAN 0.5M UNLESS SHOWN OTHERWISE.
- DRIVEWAYS ARE TO BE CUT ONTO ALL ALLOTMENTS. AT MAXIMUM GRADE OF 1 IN 5 WHERE BATTERS HIGHER THAN 0.70M. CUT BATTERS ARE TO BE GRASSED AND MULCHED WITH A MIXTURE OF CHOPPED GRASS, HAY, STRAW AND BITUMINOUS EMULSION.
- INVERT LEVEL OF PROPERTY INLETS TO BE MINIMUM OF 500mm BELOW FINISHED SURFACE LEVELS AS PER HUME CITY COUNCIL STANDARDS.
- SIGNS, MARKINGS AND DELINEATORS TO BE INSTALLED ON ROADS AS APPLICABLE IN ACCORDANCE WITH AS1742.2. ALL LINE MARKING TO BE LONG LIFE ROAD MARKING, WITH LONGITUDINAL LINES IN THERMOPLASTIC AND TRANSVERSE MARKINGS IN COLD APPLIED.
- STREET SIGNS ARE TO BE TO CURRENT HUME CITY COUNCIL STANDARD'S, INCLUDING PROVISION OF LOGO.
- REFER TO SHEET 4, 5 & 6 FOR PSM LOCATIONS.
- CONDUIT LOCATIONS AND HOUSE DRAIN LOCATIONS ARE TO BE MARKED BY STAMP ON ALL PERMANENT CONCRETE WORKS IN ACCORDANCE WITH HUME CITY COUNCIL STANDARDS.
- ALL PIT LIDS ARE TO BE TO CURRENT HUME CITY COUNCIL STANDARDS.
- ALL VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY. VEHICLE CROSSING ARE TO BE CONSTRUCTED AS PER HUME CITY COUNCIL STANDARDS.
- TACTILE INDICATORS TO BE PROVIDED AT ALL PRAM CROSSINGS TO HUME CITY COUNCIL STANDARD'S AND IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1428.4.
- PEDESTRIAN CROSSINGS THROUGH ALL SPLITTER ISLAND TO BE AT PAVEMENT LEVEL.
- ALL PIT FLOORS WITH LESS THAN 50MM DROP TO BE SHAPED TO ACCOMMODATE DROP THROUGH PITS. NO ALLOWANCE FOR TOLERANCE HAS BEEN MADE WITH THE ILS PROVIDED. ALL PITS TO BE CONSTRUCTED TO HUME CITY COUNCIL STANDARDS.
- WHERE ANY EXISTING DAMS, OPEN DRAINS OR CHANNELS ARE TO BE FILLED, INVERT LEVELS MUST BE TAKEN PRIOR TO COMMENCEMENT OF FILLING AND THE LEVELS SHOWN ON THE 'AS-CONSTRUCTED' PLANS



Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16.04.2026)	SS	K.D.G.	PSM
B	03-03-2026	Issued for Tender	SS	K.D.G.	PSM
A	06-01-2026	Issued for Approval	SS	K.D.G.	PSM

# For Approval

Project No: 36182\_14B      Scale: As Shown

Drawn: K.D.G.    Date: Jan 2026    Date Printed: 17/04/2026

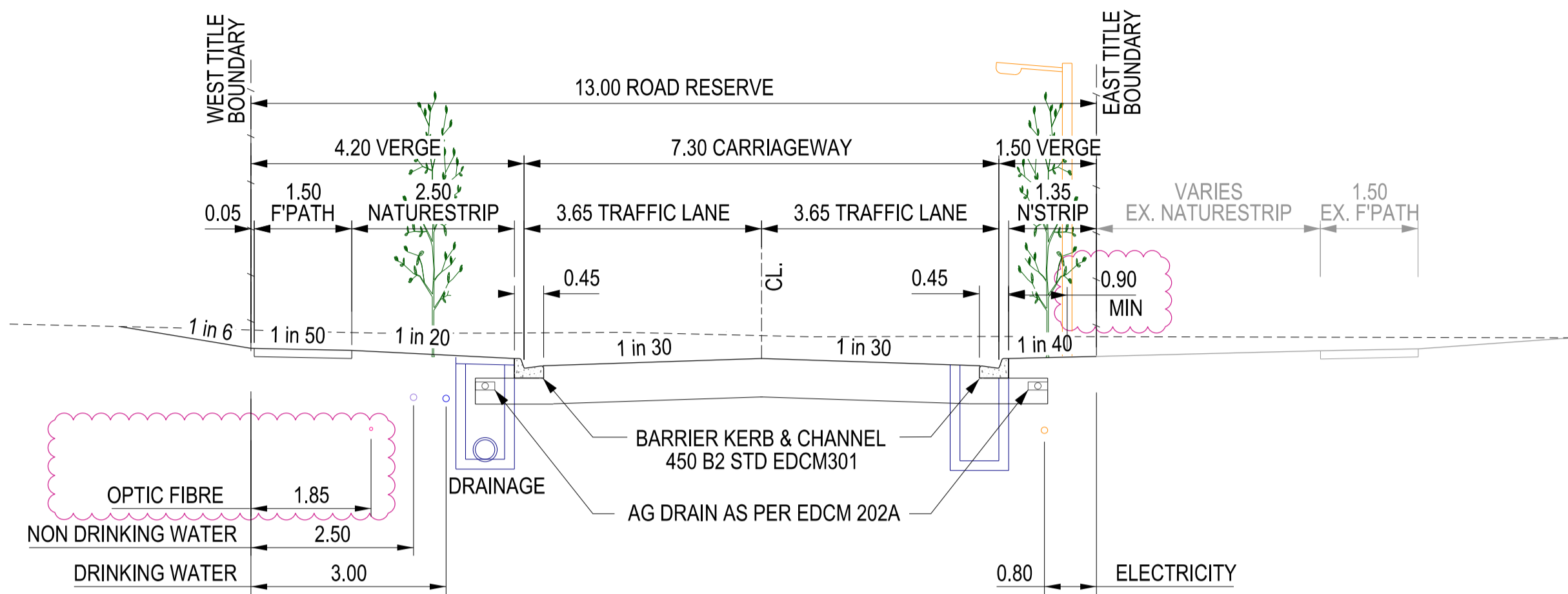
Designed: S.S.    Date: Jan 2026    Datum: AHD

Approved: P.S.M.    Date: Jan 2026

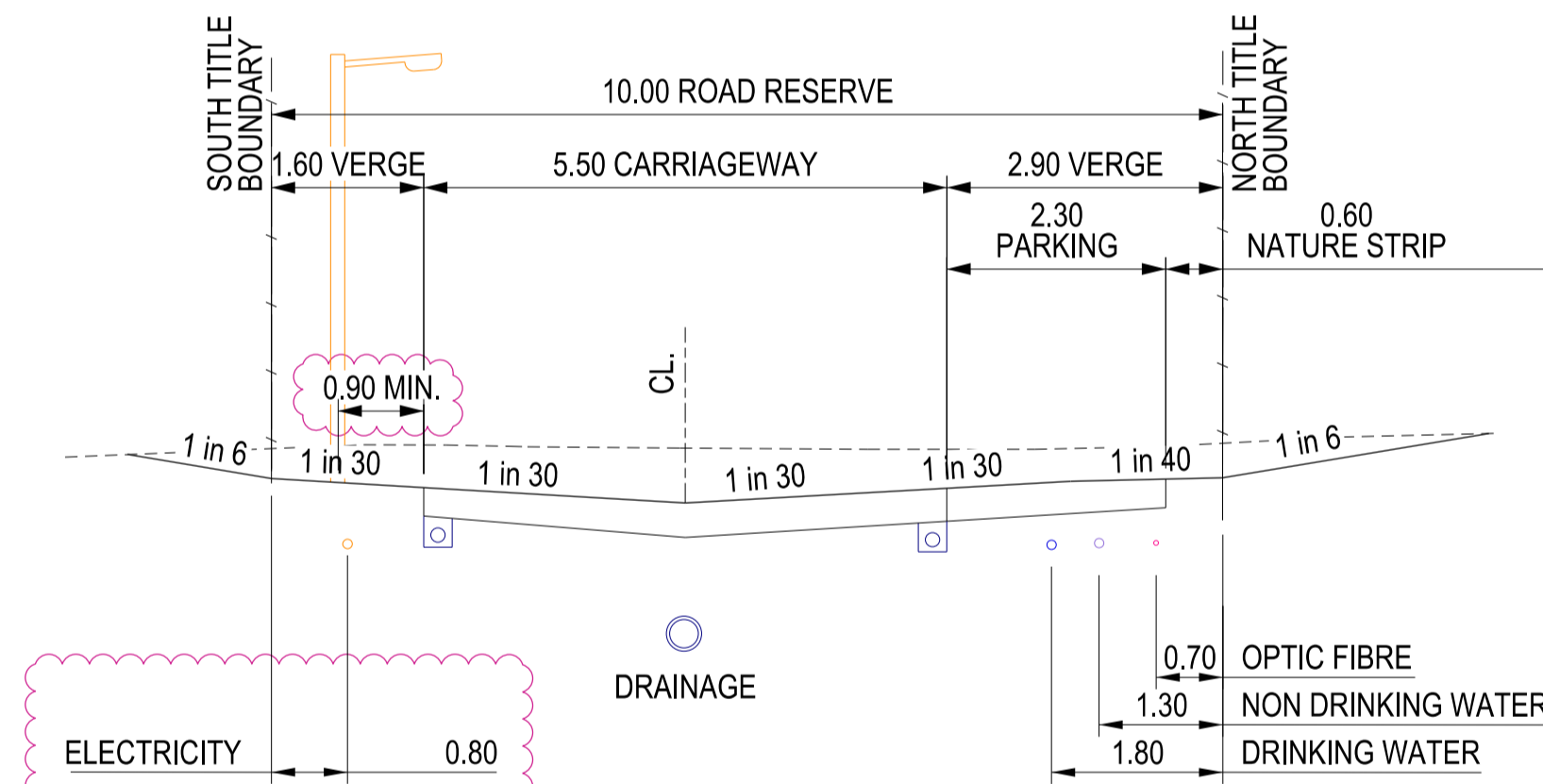
<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R03</b>
<b>Standard Notes</b>		Revision <b>C</b>
		Sheet 03 of 14

This plan (or the data transmitted hereon) has been prepared to facilitate the construction & should not be used for any other purpose. Marshal accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-out dimensions of all design lines, grid lines, control lines, recovery marks & bench marks should be verified & confirmed against the latest information of construction. Marshal is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work. This note is an integral part of this plan/data. Reproduction of this plan or any part of it without this note being included in full will render the information shown on such reproduction invalid & not suitable for use.

Disclaimer - Marshal therefore disclaims any liability whatsoever & howsoever caused for loss or damage arising from a third party's misuse of the plan/data (whether inadvertent or not) caused by the failure to inform any such third party of the limitations which apply to the information contained in this plan/within the accompanying data.



PROVINCIAL VIEW  
(NOT TO SCALE)



ALBA CLOSE  
(NOT TO SCALE)

LEGEND

---	EXISTING SURFACE
---	DESIGN SURFACE
---	TITLE BOUNDARY

NOTES

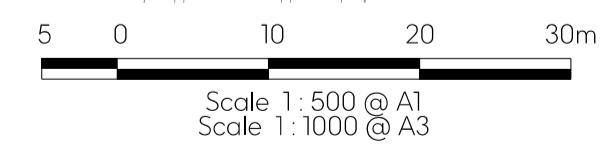
1. SIZE/DEPTH OF SERVICES SHOWN INDICATIVE ONLY.
2. STREET TREES & LIGHT POLES ARE SHOWN INDICATIVE ONLY. (PLEASE REFER TO LANDSCAPE / UG CABLE PLANS FOR DETAILS).

OTHER DEVELOPMENT (FUTURE)

SUBDIVISION ACT 1988  
This approved engineering plan forms part of Planning Permit P27106  
Date: 28/05/2026  
Sheet 4 of 14  
Signature for Responsible Authority: Senarath Pathirana

OTHER DEVELOPMENT (FUTURE)

OTHER DEVELOPMENT (UNDER CONSTRUCTION)



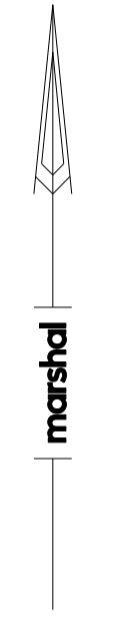
SIGN SCHEDULE

PLAN I.D.	PICTORIAL	CODE No.
#1		STREET SIGN
#2		R1-2

PAVEMENT MARKING LEGEND

	PROPOSED LINEMARKING
	EXISTING LINEMARKING
	PROPOSED SIGNAGE
	SOLID 100mm WIDE RRPMS TO BE AT 4m SPACING
	TACTILE GROUND SURFACE INDICATOR (TGS) AT PRAM CROSSINGS

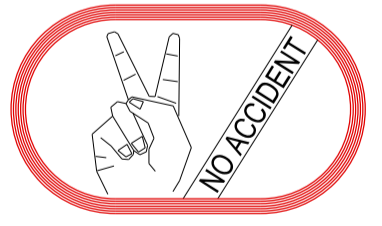
- NOTES
1. ALL SIGNS AND PAVEMENT MARKINGS TO BE PLACED IN ACCORDANCE WITH VICROADS TRAFFIC ENGINEERING MANUAL VOLUME 2.
  2. LINEMARKING TO BE EXTENDED AT LEAST 5m FROM TANGENT POINT.
  3. LINEMARKING IN ACCORDANCE WITH AS1742.
  4. TGS TO BE INSTALLED IN ACCORDANCE WITH AS1428.4 : 2002



REVISIONS SINCE PREVIOUS ISSUE

CONTRACTOR TO NOTE

**BWARE OF UNDERGROUND SERVICES**  
THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN. UNDERGROUND SERVICE INFORMATION HAS BEEN OBTAINED VIA BYDA ENQUIRY AND HAS BEEN REVIEWED AND INCORPORATED BY DESIGNERS WHERE APPLICABLE. CONTRACTORS MUST VERIFY ALL UNDERGROUND SERVICES ON SITE PRIOR TO EXCAVATION. EXTREME CARE TO BE TAKEN AT ALL TIMES WHEN BORING NEAR OR ACROSS EXISTING SERVICES.



THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR AND AT ALL TIMES PROVIDE A SAFE WORKING ENVIRONMENT IN THE VICINITY OF THE SITE OF WORKS IN FULL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS. IN ACCORDANCE WITH CLAUSE 15 OF AS2124-1992, THE CONTRACTOR MUST ENSURE THE SAFETY OF THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PEOPLE WHO ARE ON OR ADJACENT TO THE SITE. THE CONTRACTOR MUST COMPLY WITH THE VICTORIAN OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING SAFETY HELMETS, SAFETY BOOTS, EAR AND EYE PROTECTION, WHERE APPROPRIATE.

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	P.S.M.



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	S.S.	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R04</b>
Typical Road Cross Sections and Signage & Linemarking Plan		Revision <b>C</b>
		Sheet 04 of 14

**LEGEND**

	PROPOSED CUT AREAS
	PROPOSED FILL AREAS <300mm
	PROPOSED FILL AREAS >300mm
	PROPOSED STAGE BATTER/BERM

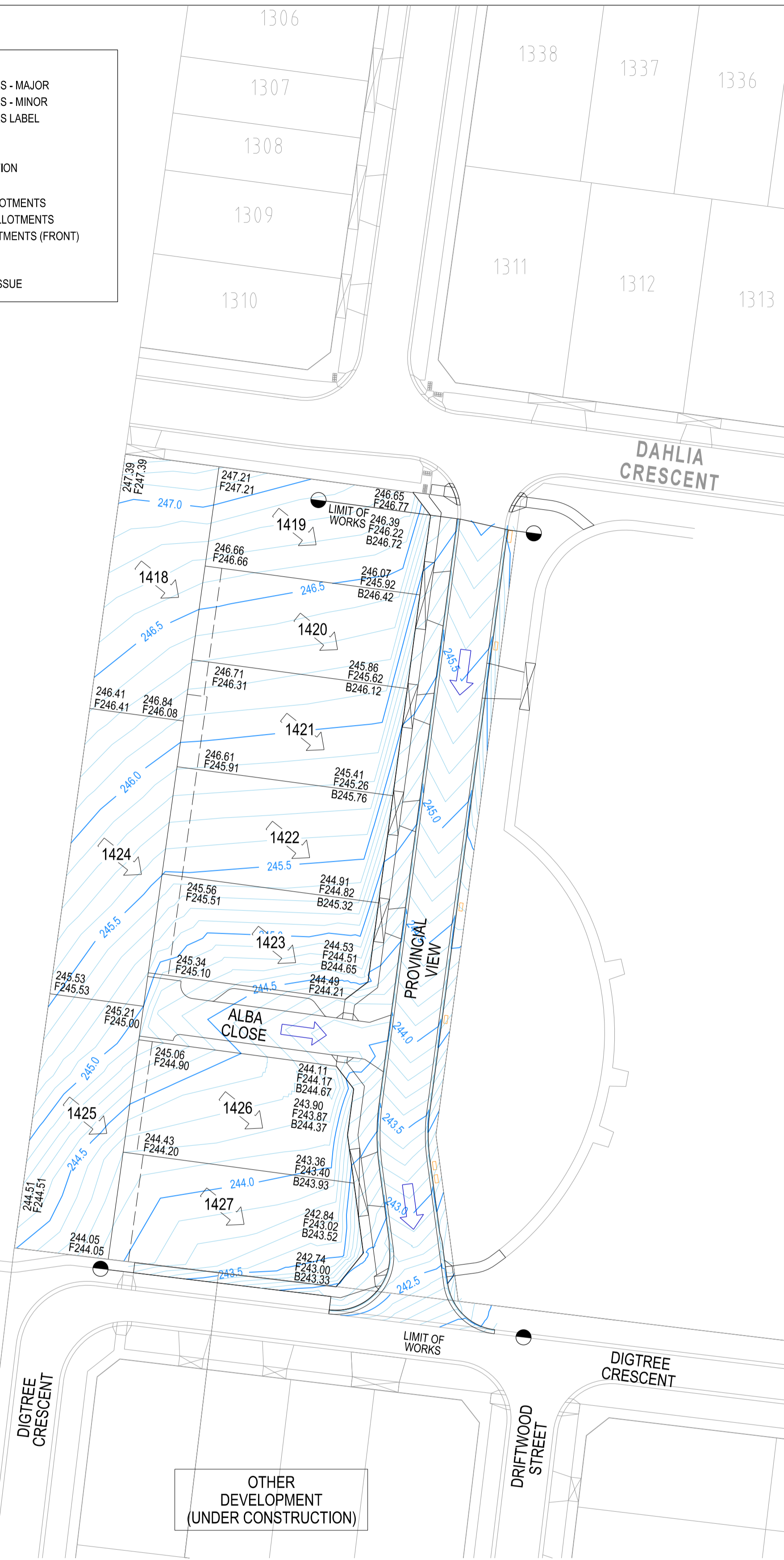
**NOTE:**  
CUT AND FILL AREAS ARE FROM THE EXISTING SURFACE LEVELS



**EARTHWORKS PLAN**  
SCALE 1:500

**LEGEND**

	EXISTING DEVELOPMENT
	PROPOSED DESIGN CONTOURS - MAJOR
	PROPOSED DESIGN CONTOURS - MINOR
	PROPOSED DESIGN CONTOURS LABEL
	OVERLAND FLOW PATH
	LOT NUMBER & SLOPE DIRECTION
	DESIGN SURFACE LEVEL - ALLOTMENTS
	EXISTING SURFACE LEVEL - ALLOTMENTS
	TOP OF BATTER LEVEL - ALLOTMENTS (FRONT)
	PROPOSED BATTER/BERM
	REVISIONS SINCE PREVIOUS ISSUE

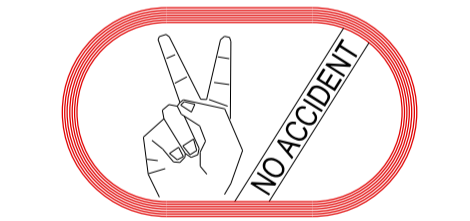


**DESIGN CONTOURS PLAN**  
SCALE 1:500

SUBDIVISION ACT 1988  
This approved engineering plan forms part of Planning Permit P27106  
Date: 28/05/2026  
Sheet 5 of 14  
Signature for Responsible Authority  
Senarath Pathirana

**CONTRACTOR TO NOTE**

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THE CONTRACTOR MUST COMPLY WITH THE VICTORIAN OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING SAFETY HELMETS, SAFETY BOOTS, EAR AND EYE PROTECTION, WHERE APPROPRIATE.

5 0 10 20 30m  
Scale 1:500 @ A1  
Scale 1:1000 @ A3

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Ellec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	P.S.M.

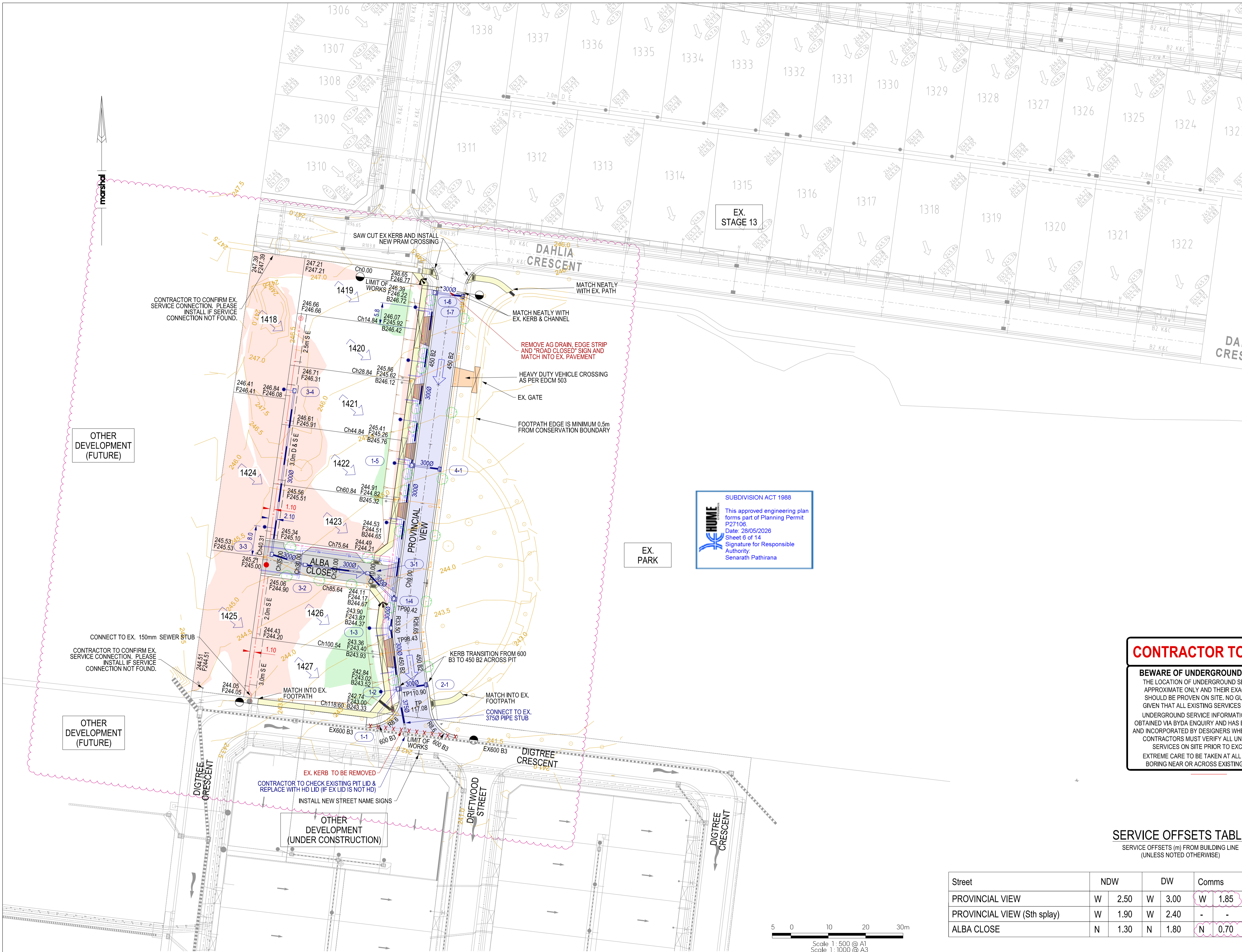
**marshal**



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R 05</b>
<b>Earthworks Plan &amp; Design Contours Plan</b>		Revision <b>C</b>
		Sheet 05 of 14



### LEGEND

- FOOTPATH
- VEHICULAR CROSSING LAYBACK
- KERB & CHANNEL
- 600 B2 KERB TYPE (AS PER EDM 301)
- R8.6 KERB RADIUS (TO LOK)
- ROAD CENTRELINE
- TGSIs
- LIMIT OF WORKS
- EXISTING SURVEY, CONTOURS & TREES (ONLY SIGNIFICANT EX TREES SHOWN ON THIS PLAN)
- PROPOSED CUT AREAS - ALLOTMENTS (>300mm)
- PROPOSED FILL AREAS - ALLOTMENTS (>300mm)
- PROPOSED ROAD ASPHALT PAVEMENT
- PROPOSED CONCRETE FOOTPATH (AS PER EDM 401)
- PROPOSED CONCRETE DRIVEWAY (AS PER EDM 501)
- PROPOSED CONCRETE LANEWAY
- PROPOSED GRASSED AREA IN LANEWAY
- PROPOSED BATTER/BERM
- DESIGN SURFACE LEVEL - ALLOTMENTS
- EXISTING SURFACE LEVEL - ALLOTMENTS
- TOP OF BATTER LEVEL - ALLOTMENTS (FRONT)
- LOT NUMBER & SLOPE DIRECTION
- OVERLAND FLOW PATH
- P.S.M. OR SURVEY MARK
- PROPOSED SIGNAGE
- PROPOSED TREE
- PROPOSED U/G DRAINAGE, PIT, PIT No. & HOUSE DRAIN
- PROPOSED U/G SEWER, SEWER PC & INSPECTION SHAFT
- PROPOSED U/G DRINKING WATER
- PROPOSED U/G NON-DRINKING WATER
- PROPOSED U/G OPTIC FIBRE
- PROPOSED U/G ELECTRICITY & PIT
- SERVICE CONNECTIONS (DW, NDW)
- EXISTING U/G DRAINAGE, PIT & HOUSE DRAIN
- EXISTING U/G SEWER, SEWER PC & INSPECTION SHAFT
- EXISTING U/G GAS
- EXISTING U/G DRINKING WATER
- EXISTING U/G NON-DRINKING WATER
- EXISTING U/G OPTIC FIBRE
- EXISTING U/G ELECTRICITY & PIT
- EXISTING U/G TO BE REMOVED
- REVISION SINCE PREVIOUS ISSUE

NOTES: 1. SYMBOLS ARE PROPOSED CONSTRUCTION (UNO)  
2. EXISTING CONSTRUCTION SHOWN GREY

**SUBDIVISION ACT 1988**  
 This approved engineering plan forms part of Planning Permit P27106  
 Date: 28/05/2026  
 Sheet 6 of 14  
 Signature for Responsible Authority: Senarath Pathirana

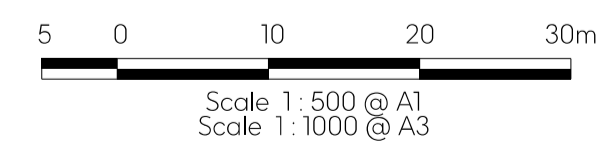
### CONTRACTOR TO NOTE

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**SERVICE OFFSETS TABLE**  
 SERVICE OFFSETS (m) FROM BUILDING LINE (UNLESS NOTED OTHERWISE)

Street	NDW	DW	Comms	Elec.	Sewer	Elec poles
PROVINCIAL VIEW	W 2.50	W 3.00	W 1.85	E 0.80	-	E 0.9 BOK
PROVINCIAL VIEW (Stn splay)	W 1.90	W 2.40	-	-	-	-
ALBA CLOSE	N 1.30	N 1.80	N 0.70	S 0.80	-	S 0.9 BOK



Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	P.S.M.
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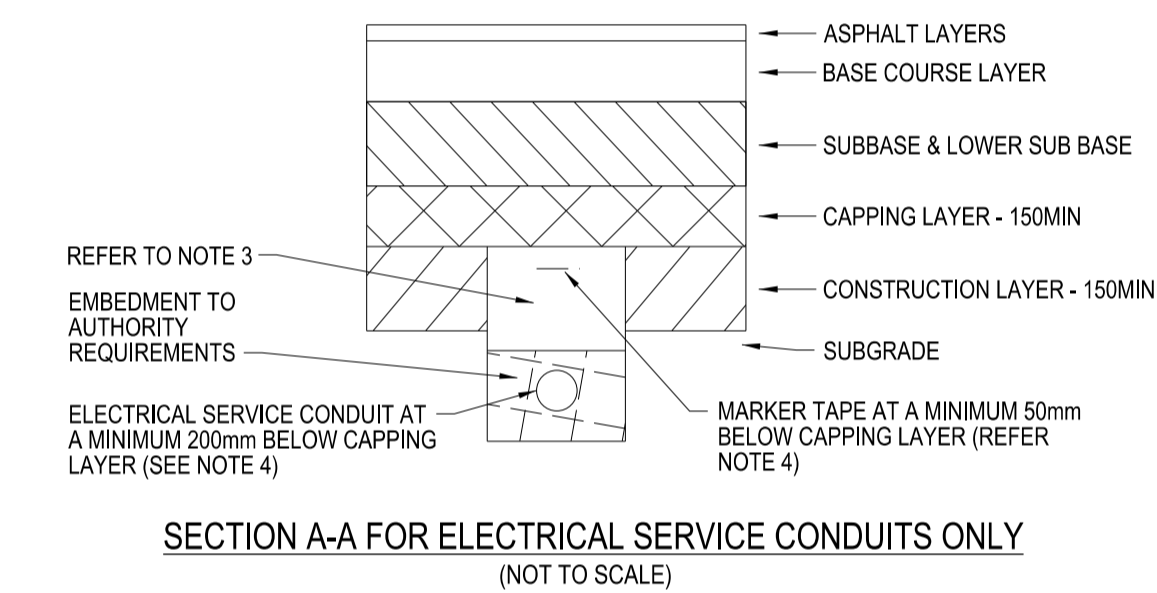
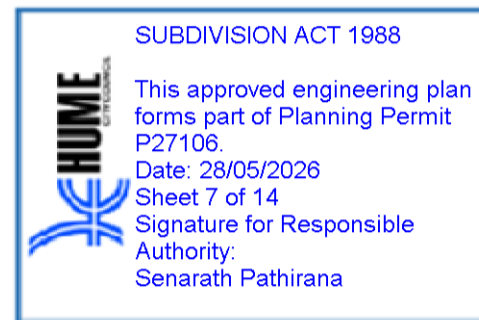
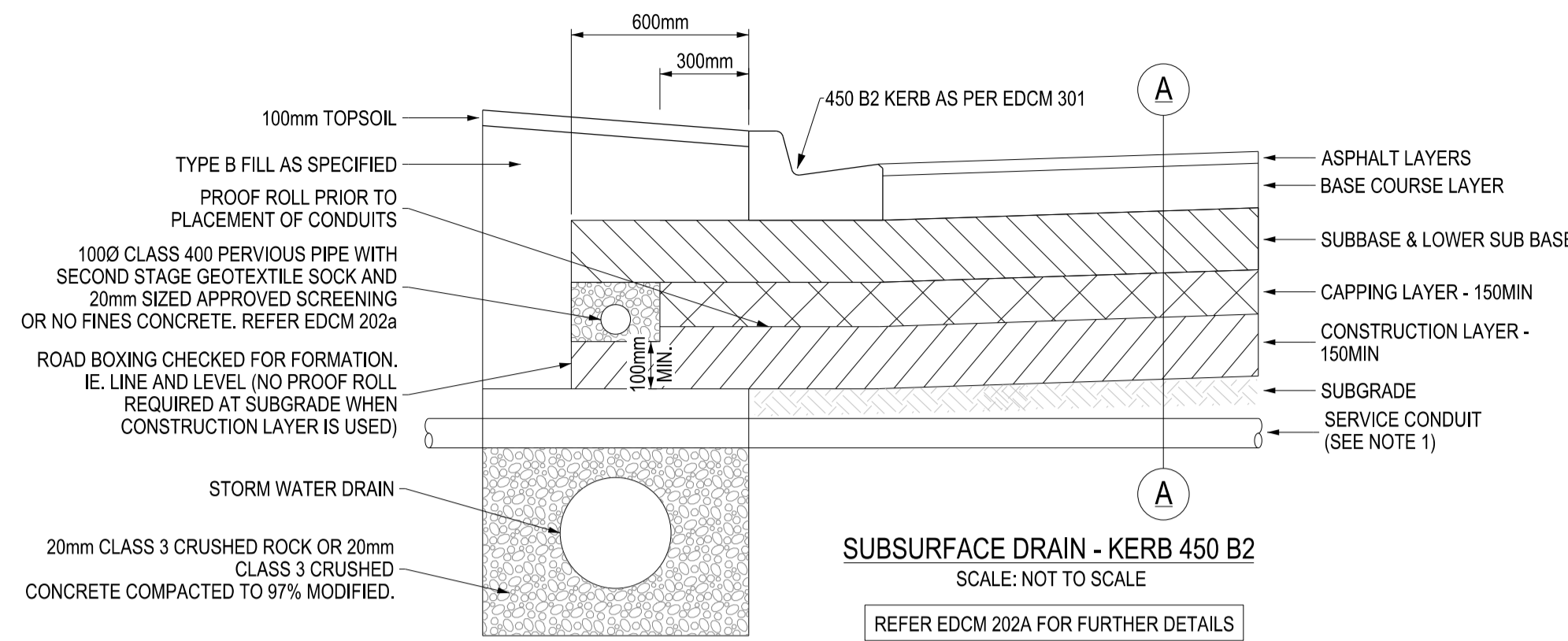


**For Approval**

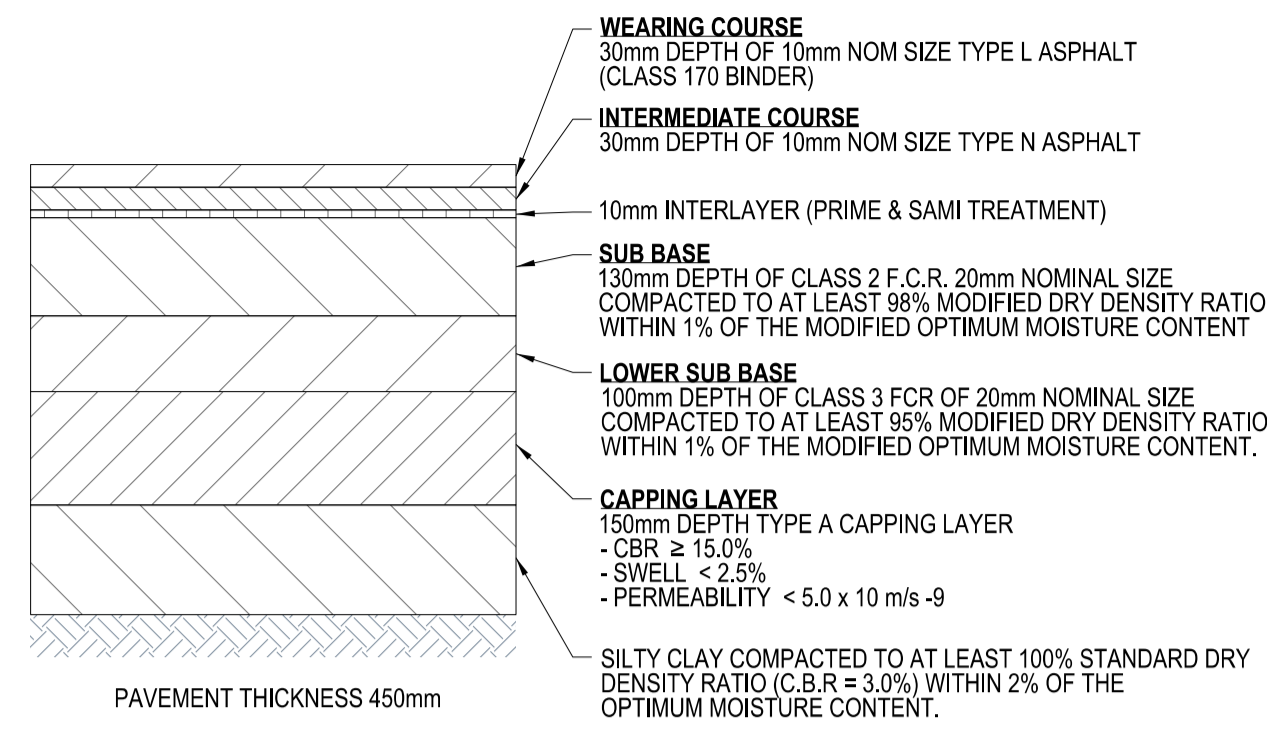
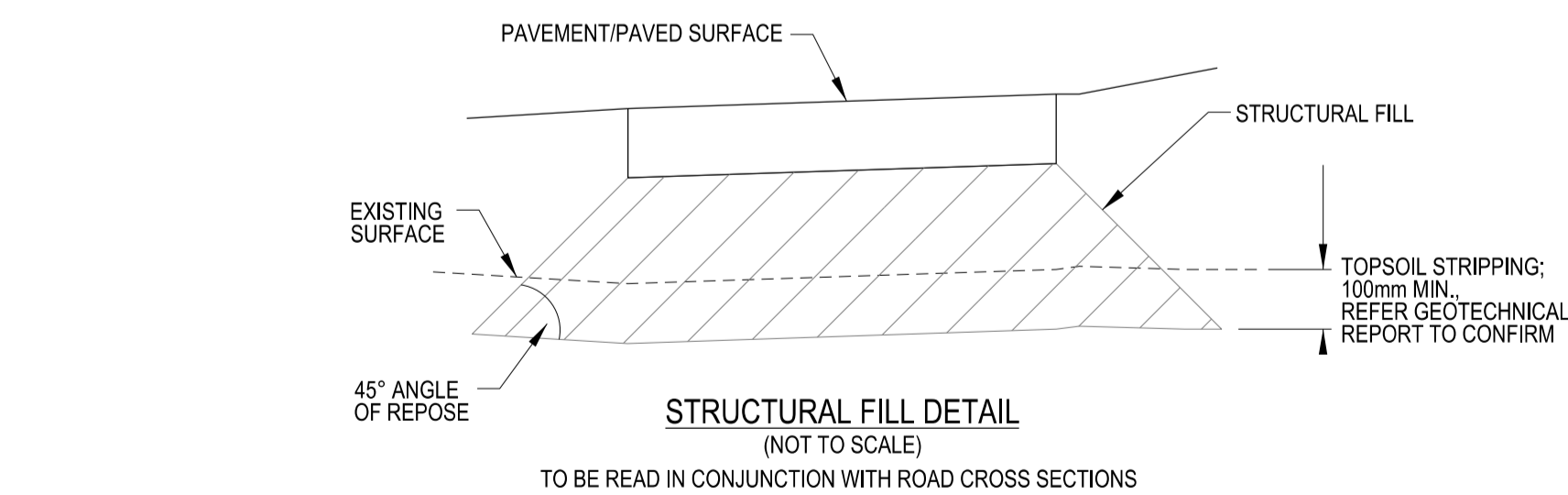
Project No: 36182\_14B | Scale: As Shown  
 Drawn: K.D.G. | Date: Jan 2026 | Date Printed: 17/04/2026  
 Designed: S.S. | Date: Jan 2026 | Datum: AHD  
 Approved: P.S.M. | Date: Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R 06</b>
<b>Detail Plan &amp; Service Offsets Table</b>		Revision <b>C</b>
		Sheet 06 of 14

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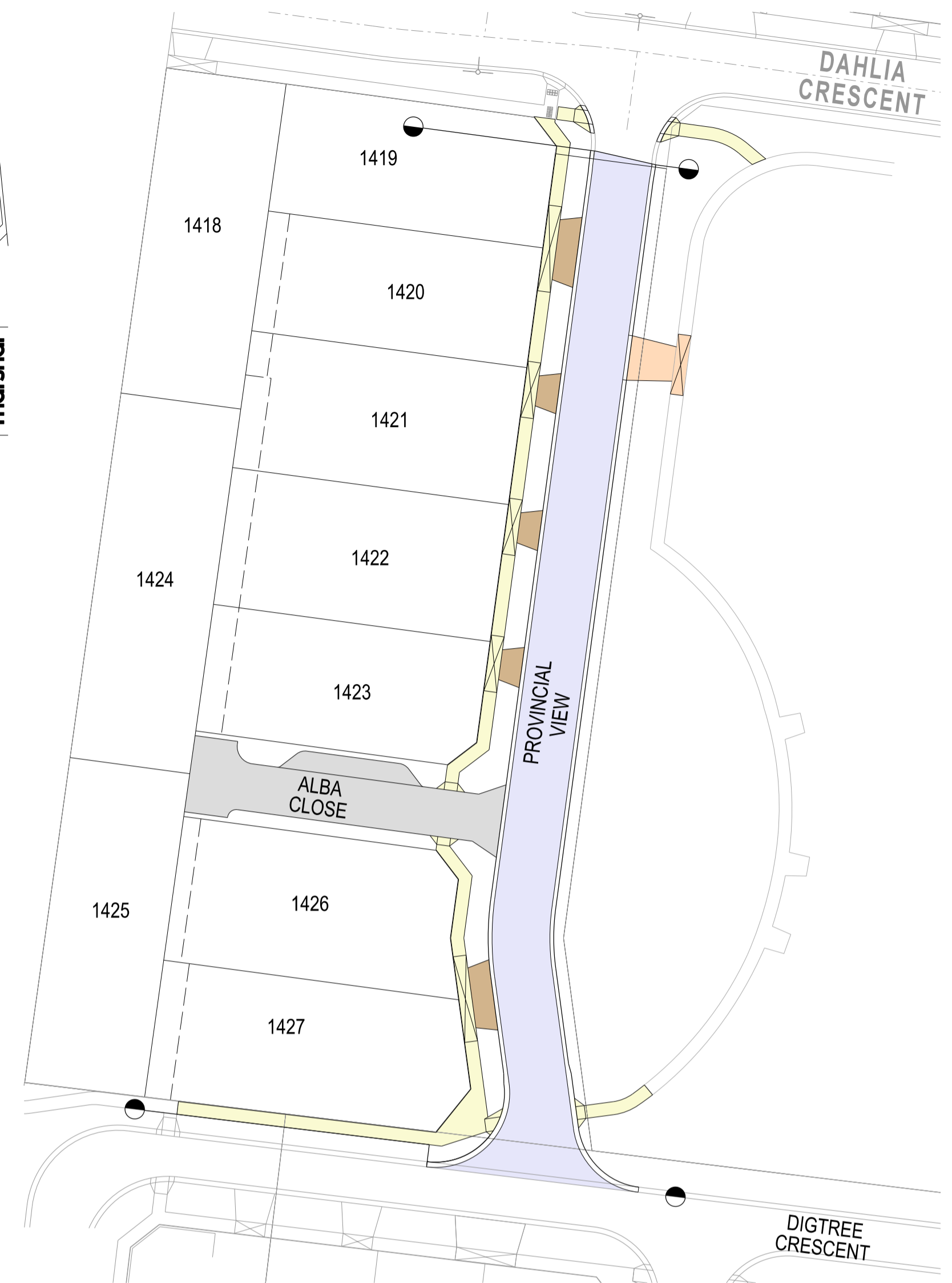
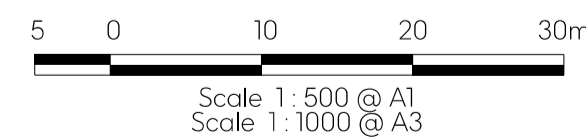
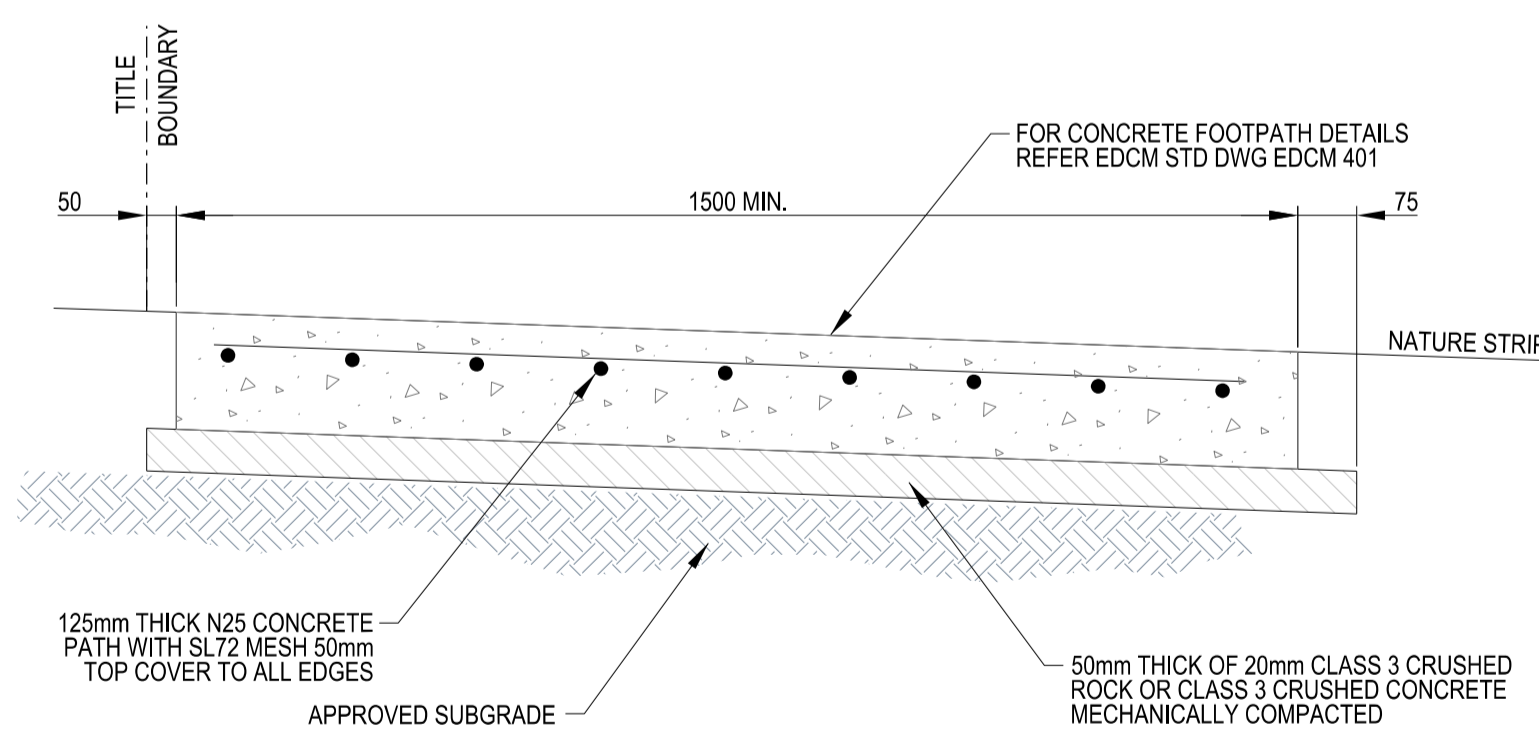
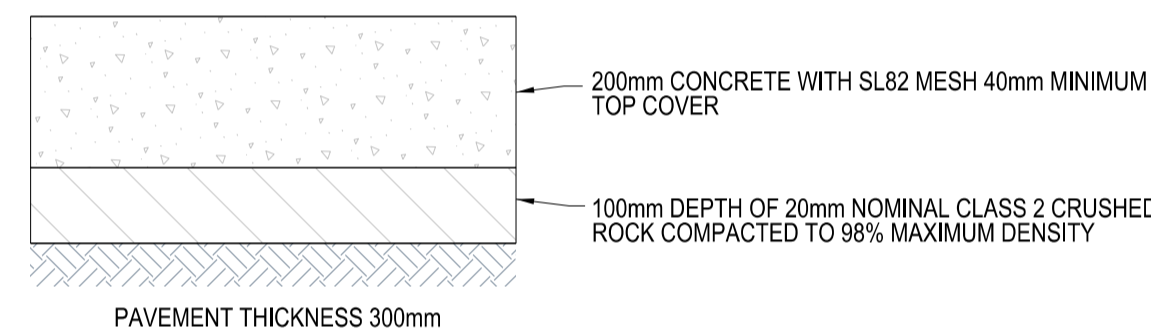


- NOTE:
- CONDUITS FOR GAS, WATER, SEWER AND TELECOM SERVICES TO BE LAID WITHIN THE SUBGRADE OR CONSTRUCTION LAYER WITH A MINIMUM 100mm COVER BELOW THE BOTTOM OF THE CAPPING LAYER. CONDUITS SHALL NOT BE PLACED WITHIN THE PAVEMENT NOR THE CAPPING LAYER.
  - SERVICE CONDUITS TO BE INSTALLED AFTER PLACEMENT OF THE CONSTRUCTION LAYER AT A GRADE OF 1 IN 100 FALLING TO THE SIDE OF THE PROPOSED UTILITY MAIN.
  - SERVICE TRENCH BACKFILL TO BE 20mm CLASS 3 CR. RECYCLED CONCRETE OR COUNCIL APPROVED EQUIVALENT.
  - FOR ELECTRICAL SERVICES WHERE THE CONDUIT IS GREATER THAN 200mm BELOW THE CAPPING LAYER, THE MARKER TAPE MUST BE PLACED 150mm ABOVE THE CONDUIT OR PER THE ELECTRICAL AUTHORITIES REQUIREMENTS.
  - CONSTRUCTION LAYERS AND CAPPING LAYER MATERIAL MUST HAVE THE FOLLOWING SPECIFICATIONS:  
MIN. CBR = 8%  
MAX. SWELL = 1.5%  
MAX PERMEABILITY =  $5 \times 10^{-9}$  m/s
  - ALL DIMENSIONS IN MILLIMETRES WHERE NOT SPECIFIED.



CAPPING LAYER TO BE TYPE A FOR PAVEMENT LOWER SUBBASE OR SUBGRADE IMPROVEMENT WITH MODIFIED CBR, SWELL AND PERMEABILITY AS ABOVE

- NOTE:
- REFER TO GEOTECH REPORT PREPARED BY: "SITE GEOTECHNICAL" (R3925 RevA - 05 April, 2012)



**RESIDENTIAL VEHICLE CROSSINGS**  
FOR DETAILS REFER TO EDM 501 & 502

**HEAVY DUTY VEHICLE CROSSINGS**  
FOR DETAILS REFER TO EDM 503

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	S.S.	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	S.S.	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	S.S.	K.D.G.	P.S.M.



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	S.S.	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R 07</b>
<b>Standard Details and Road Pavement Plan &amp; Details</b>		Revision <b>C</b>
		Sheet 07 of 14

### CONCRETE ROAD PAVEMENT SPECIFICATION

**GENERAL**  
ALL WORKS TO BE COMPLETED IN ACCORDANCE WITH RELEVANT AUSTRALIAN STANDARDS AND CCAA LITERATURE (GUIDE TO RESIDENTIAL STREETS AND PATHS).

$f_c = 32 \text{ MPa}$  FOR COLOURED CONCRETE CHARACTERISTIC 28 DAY STRENGTH. WATER/CEMENT RATIO NOT TO EXCEED 0.55.  
MAX. SLUMP 50mm

PORTLAND CEMENT CONTENT OF MIX SHALL NOT BE LESS THAN 300 KG/m

SHRINKAGE LIMIT WHEN TESTED IN ACCORDANCE WITH AS1012 - PART 13 SHALL NOT EXCEED 650 MICROSTRAINS.

COVER TO TOP REINFORCEMENT SHOULD BE 60mm UNLESS OTHERWISE NOTED. BEDDING SHALL BE 100mm NOMINAL SIZE 20mm THICKNESS CLASS 3 F.C.R. UNLESS OTHERWISE NOTED.

**PLACEMENT**  
CONCRETE SHALL BE TRANSPORTED INTO ITS FINAL POSITION IN SUCH A MANNER THAT SEGREGATION DOES NOT OCCUR.

CONCRETE SHALL BE PLACED VERTICALLY AND NEAR AS POSSIBLE TO ITS FINAL POSITION CONCRETE SHALL NOT BE DROPPED FROM AN EXCESSIVE HEIGHT OR VIBRATED INTO POSITION.

PLACEMENT SHALL BE CONTINUOUS BETWEEN PLANNED CONSTRUCTION JOINTS WITHOUT THE USE OF INTERMEDIATE HEADER BOARDS.

ONCE IN POSITION THE ENTIRE VOLUME SHALL BE THOROUGHLY COMPACTED. EACH LOAD SHALL BE MECHANICALLY VIBRATED INTO THE FACE OF THE PREVIOUSLY PLACED CONCRETE.

PARTICULAR ATTENTION SHALL BE GIVEN TO EDGES AND JOINTS.

CONCRETE SHALL NOT BE PLACED DURING RAIN OR IF RAIN APPEARS IMMINENT. SIMILARLY IT SHALL NOT BE PLACED IF THE TEMPERATURE OF THE PAVEMENT FALLS BELOW 5° OR IS LIKELY TO FALL BELOW 5° DURING THE FIRST 24 HOURS AFTER PLACEMENT. NOR SHOULD IT BE PLACED DURING HOT WEATHER WHEN THE TEMPERATURE EXCEEDS 32° BUT ALSO WHEN THERE IS LOW HUMIDITY AND HIGH DRYING WINDS.

**FINISH**  
FINAL FINISHING INCLUDES FLOATING AND TEXTURING THE PAVEMENT. FINAL FINISHING SHALL COMMENCE ONLY AFTER THE WATER SHEEN HAS LEFT THE PAVEMENT SURFACE.

UNLESS OTHERWISE NOTED THE PAVEMENT SHALL BE BROOM TEXTURED. A LONG HANDED BROOM SHOULD BE GENTLY LOWERED ON THE FAR SIDE OF THE PAVEMENT AND DRAWN TOWARDS THE OPERATOR IN A CONTINUOUS STROKE MAINTAINING A CONSTANT ANGLE OF CONTACT WITH THE SURFACE, KEEPING THE TEXTURED GRAIN PARALLEL TO THE INTENDED FALL OF THE PAVEMENT.

**CURING**  
PAVEMENT SHALL BE CURED AND PROTECTED OVER THE ENTIRE SURFACE AGAINST THE LOSS OF MOISTURE FOR AT LEAST 4 DAYS. ALL NECESSARY EQUIPMENT FOR CURING SHOULD BE PREPARED ON HAND AND ON SITE PRIOR TO COMMENCING PLACEMENT OF CONCRETE.

CURING SHALL BE MAINTAINED IN ONE OF THREE WAYS.

1. MOIST CURING USING DAMPENED HESSIAN PLACED OVER THE ENTIRE PAVEMENT AREA, KEPT DAMP AND SECURED AGAINST WIND DISPLACEMENT
2. PLASTIC SHEETING - CLEAR POLYETHYLENE OR AN EQUIVALENT PLACED AS SOON AS PRACTICAL OVER THE PAVEMENT.
3. SPRAYED LIQUID MEMBRANE - AN APPROVED COMPOUND SHALL BE APPLIED AT AN APPLICATION RATE OF NOT LESS THAN 0.2 LITRES/m

**JOINTS**  
CONTRACTION, LONGITUDINAL ISOLATION AND CONSTRUCTION JOINTS SHALL BE PLACED IN ACCORDANCE WITH CCAA LT. (GUIDE TO RESIDENTIAL STREETS AND PATHS) ON THE DRAWING UNLESS OTHERWISE INSTRUCTED BY THE SUPERINTENDENT OF WORKS.

SAWCUTTING SHALL COMMENCE AS EARLY AS POSSIBLE BUT NOT SO EARLY AS TO CAUSE UNACCEPTABLE RAVELLING OF THE JOINT EDGE. SAWCUTTING SHOULD NORMALLY BE COMPLETED WITHIN 24 HOURS OF PLACEMENT.

THE DEPTH OF THE SAW CUT SHOULD BE A MINIMUM OF 25 PERCENT AND A MAXIMUM OF 33 PERCENT OF THE SLAB THICKNESS.

JOINTS MAY BE FORMED OR SAW CUT TO THE REQUIRED DIMENSIONS. REMOVAL OF CONTAMINANTS MAY REQUIRE GRINDING, SANDBLASTING, WIRE BRUSHING, A WATER JET OR A COMBINATION OF THESE TECHNIQUES.

JOINT FACES MUST BE CLEAN AND DRY WHEN THE SEALANT IS INSTALLED.

ALL PITS, MANHOLES AND TRENCH DRAINS TO BE COMPLETELY ISOLATED FROM THE PAVEMENT BY AN ISOLATION JOINT.

PLEASE REFER TO EDCM 401 AND EDCM 402

**REINFORCEMENT**  
IN ACCORDANCE WITH THE FOLLOWING AUSTRALIAN STANDARDS.

AS1302 STEEL REINFORCEMENT BARS FOR CONCRETE  
AS1303 HARD-DRAWN STEEL REINFORCEMENT WIRE FOR CONCRETE  
AS1304 HARD-DRAWN STEEL WIRE REINFORCEMENT FABRIC FOR CONCRETE

REINFORCEMENT SHALL BE FREE FROM DIRT, OIL, PAINT, GREASE OR ANY OTHER MATERIAL WHICH WILL REDUCE THE BOND TO CONCRETE.

LOCATED AS SPECIFIED ON THE DRAWINGS. PLACED ON SUITABLE BARCHAIRS, NOT EXCEEDING A REGULAR GRID OF 1 METRE.

MINIMUM LAP FOR SL72 MESH SHALL BE 425mm AND HAVE A MINIMUM SIDE LAP OF 225mm.

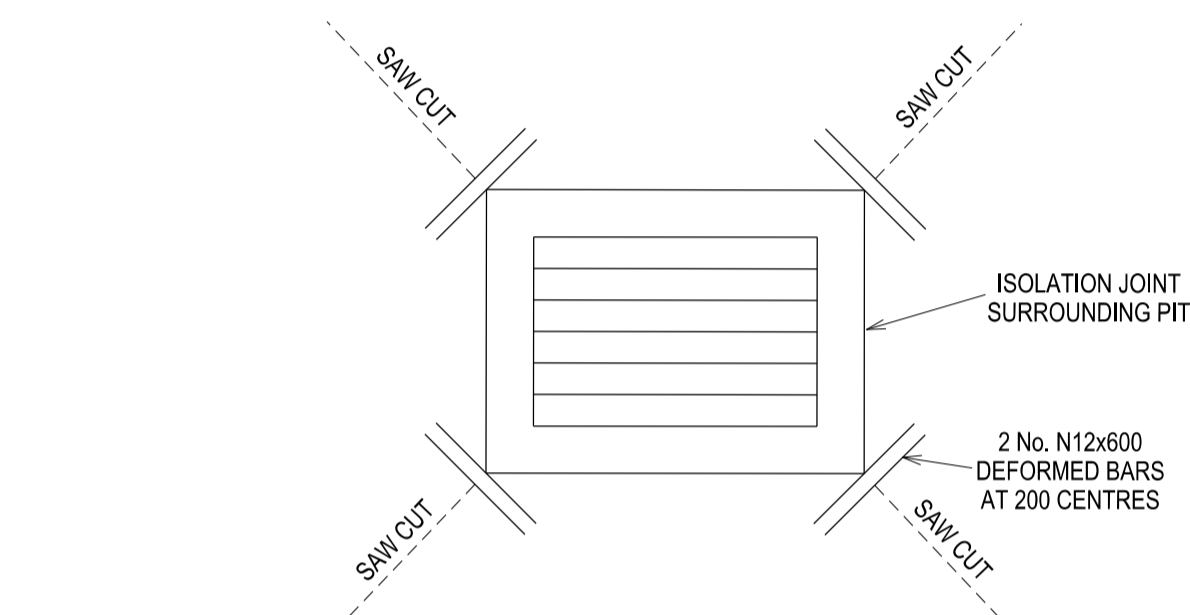
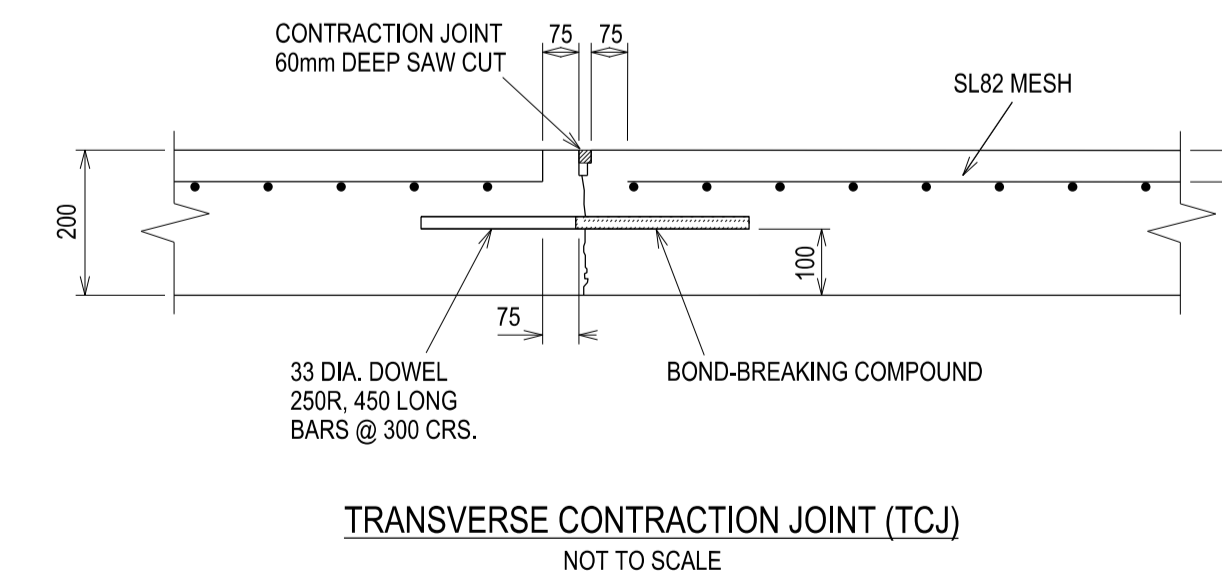
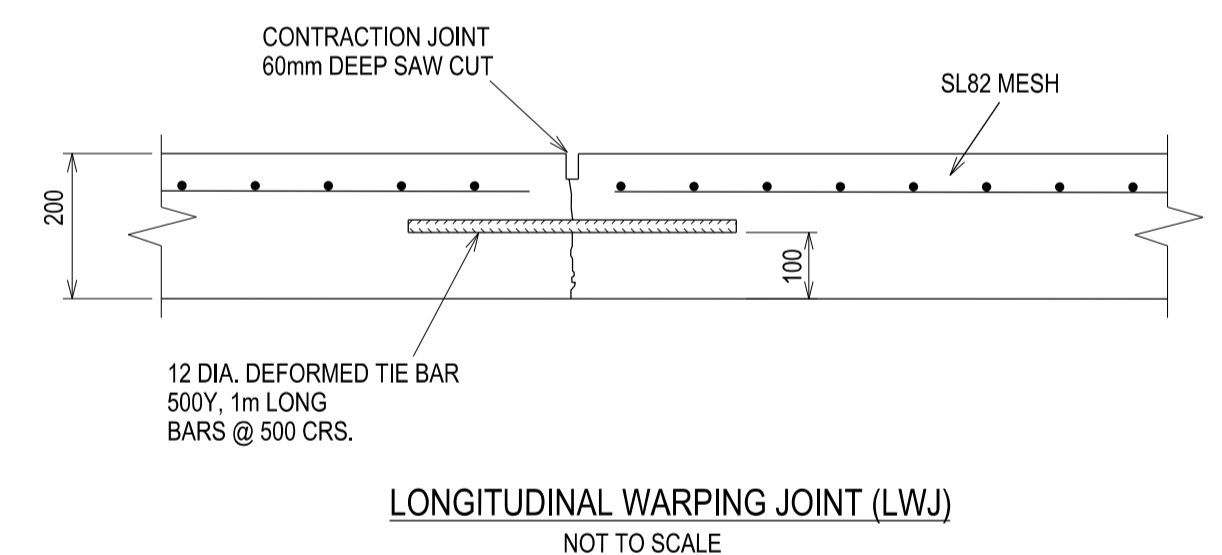
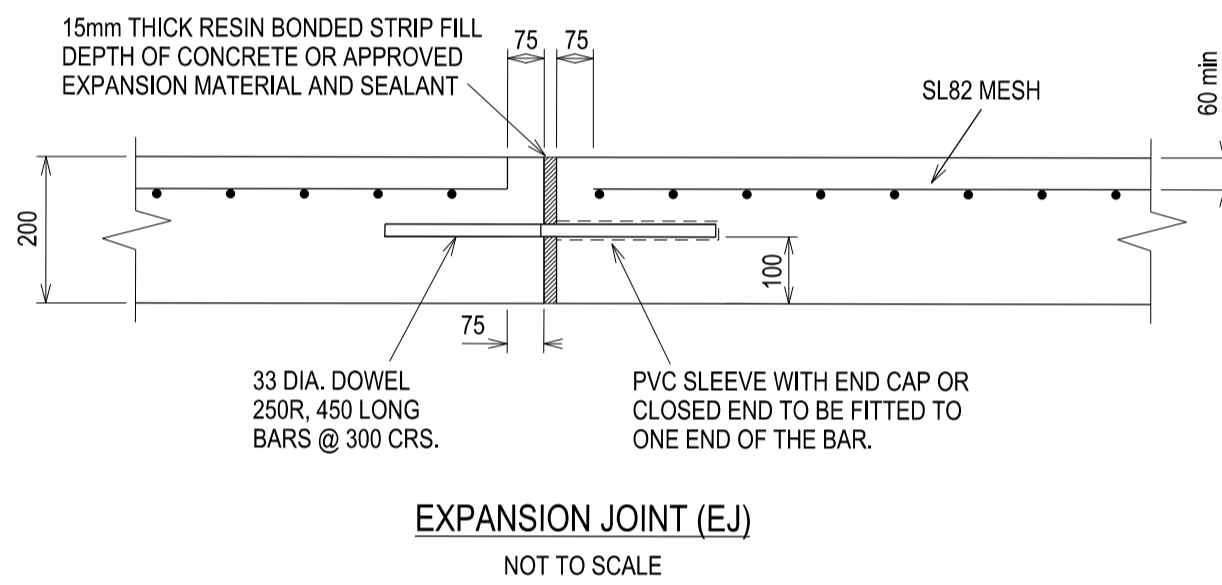
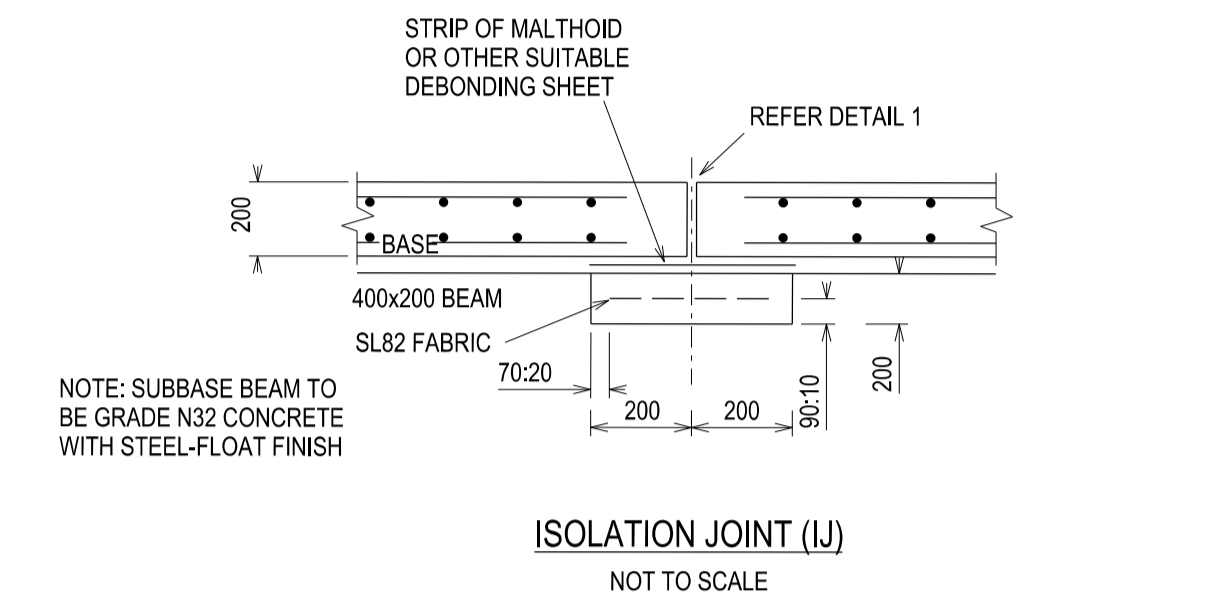
LAPPED PORTIONS SHALL BE TIED WITH WIRE AT A MAXIMUM SPACING OF 500mm.

**DOWELED JOINT**  
DOWELS SHALL BE SMOOTH AND HAVE SAWN ENDS AND BEVELLED AND BE FREE OF BURRED EDGES.

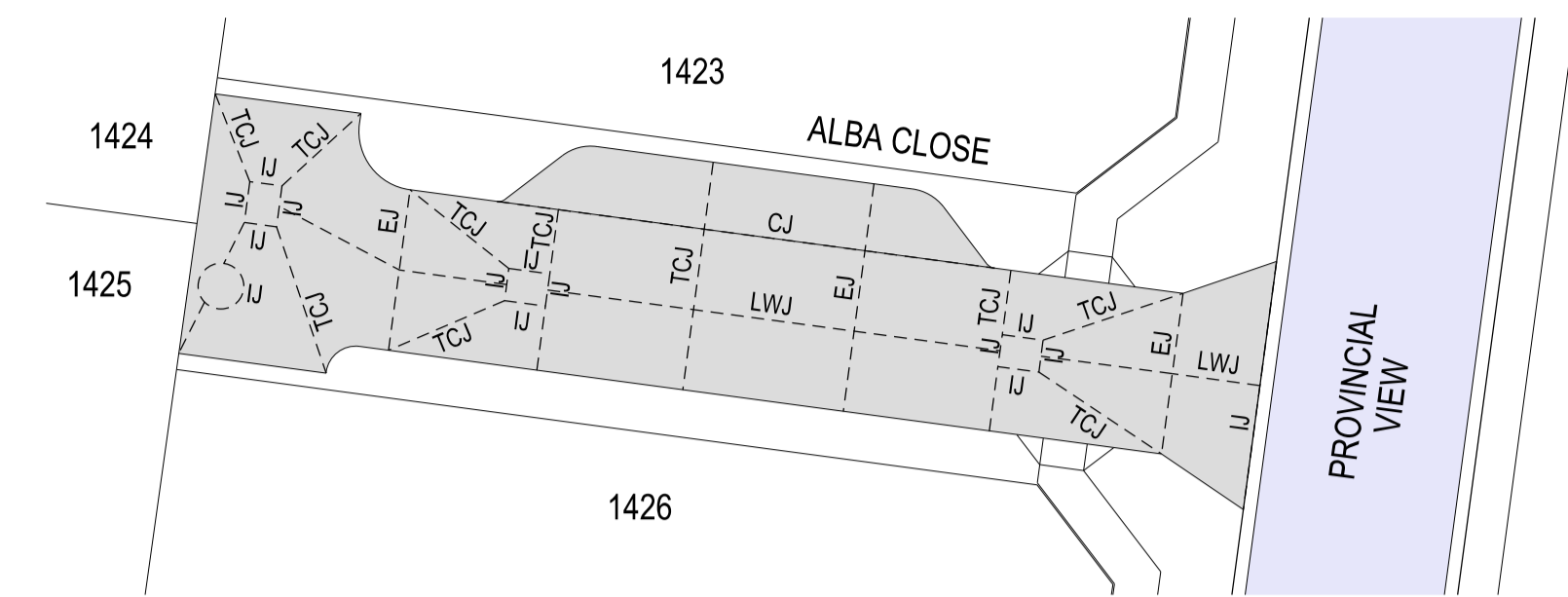
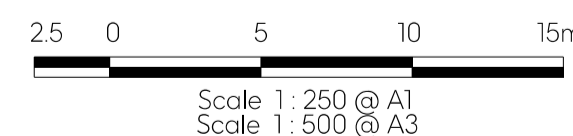
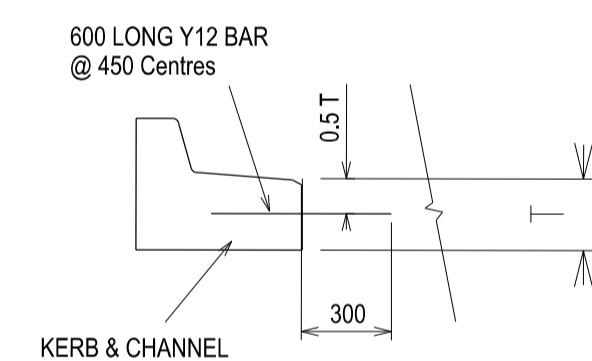
HALF OF THE DOWEL SHALL BE COATED WITH A BOND BREAKING COMPOUND OR BE ENCLOSED IN A TIGHT FITTING PLASTIC SHEATH.

DOWELS SHALL BE PLACED IN ASSEMBLES AT JOINT LOCATIONS IN ADVANCE OF PAVING OPERATIONS. DOWELS SHALL NOT BE INSERTED INTO FRESH CONCRETE EITHER DURING OR AFTER PLACEMENT.

**TIE BARS**  
TIE BARS SHALL BE DEFORMED REINFORCEMENT BARS, THEY SHALL BE FREE OF LUBRICANT, AND FIXED INTO POSITION PRIOR TO PLACEMENT OF CONCRETE.



SUBDIVISION ACT 1988  
This approved engineering plan forms part of Planning Permit P27106  
Date: 28/05/2026  
Sheet 8 of 14  
Signature for Responsible Authority:  
Senarath Pathirana

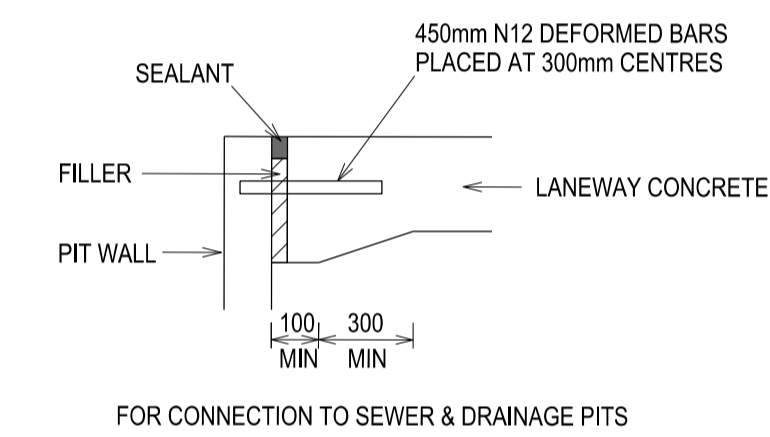


### LANEWAY JOINT LOCATIONS & TYPES

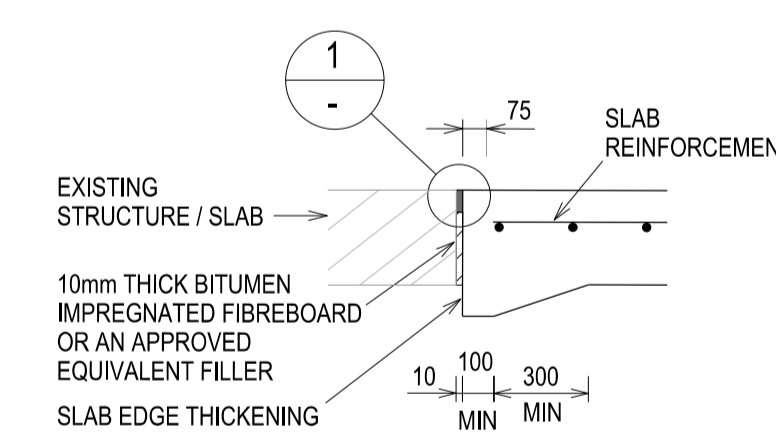
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1:500 (A3)

### NOTES:

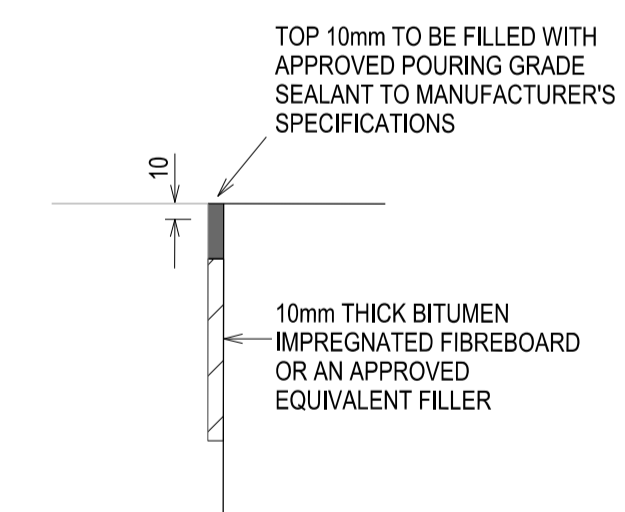
1. CONCRETE SHALL BE CURED IN ACCORDANCE WITH AS3600 AND NOT TO BE TRAFFICKED UNTIL AT LEAST SEVEN DAYS AFTER POURING.



TYPICAL PIT JOINTING  
NOT TO SCALE



TYPICAL SECTION  
NOT TO SCALE



DETAIL  
NOT TO SCALE

### REINFORCED CONCRETE PAVEMENT ISOLATION JOINT DETAIL

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	S.S.	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	S.S.	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	S.S.	K.D.G.	P.S.M.

**marshal**

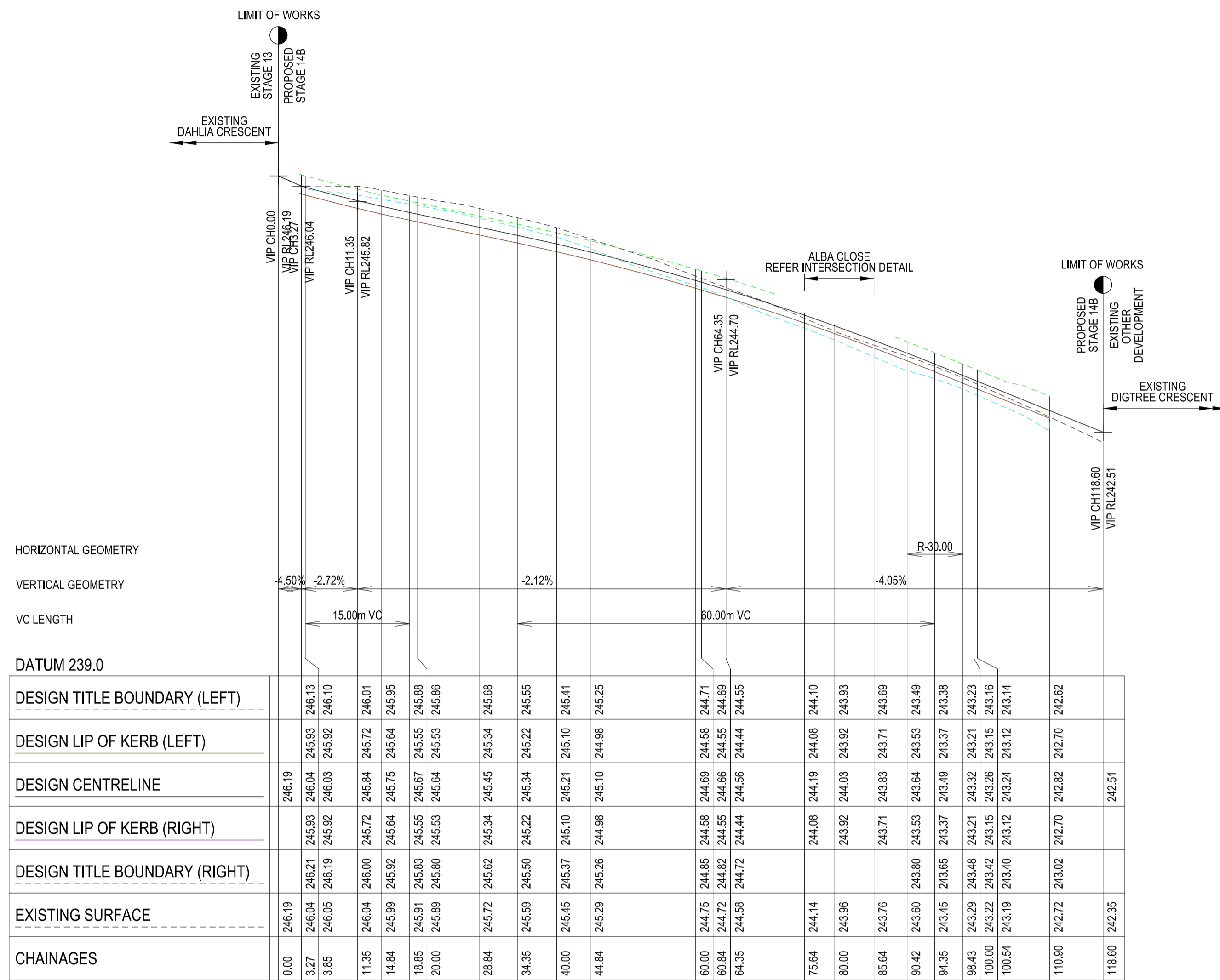


**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Date Printed:	17/04/2026		
Designed:	S.S.	Date:	Jan 2026
Datum:	AHD		
Approved:	P.S.M.	Date:	Jan 2026

+61 3 9860 0380    hello@marshal.melbourne    marshal.melbourne

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R 08</b>
<b>Concrete Jointing Plan &amp; Details</b>		Revision <b>C</b>
		Sheet 08 of 14

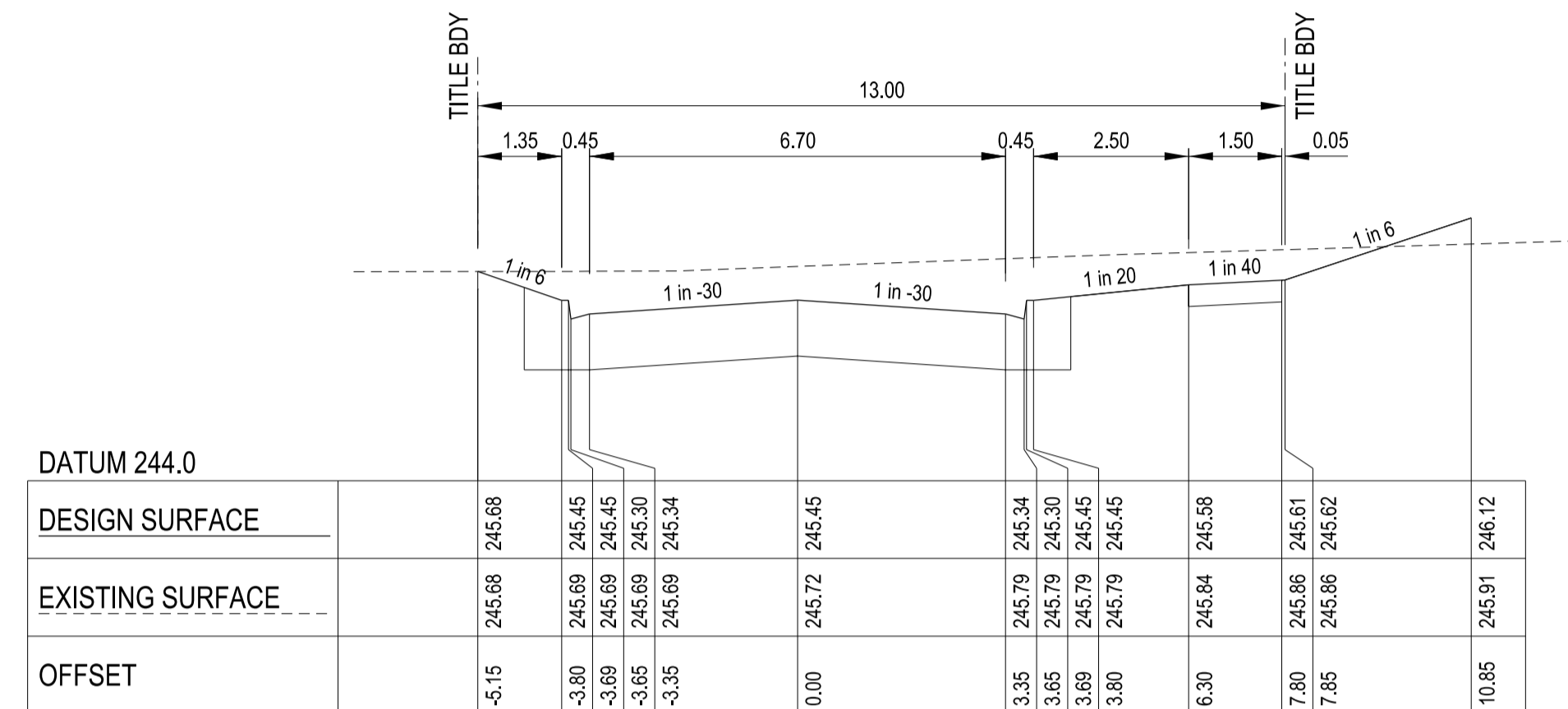


HORIZONTAL GEOMETRY  
VERTICAL GEOMETRY  
VC LENGTH

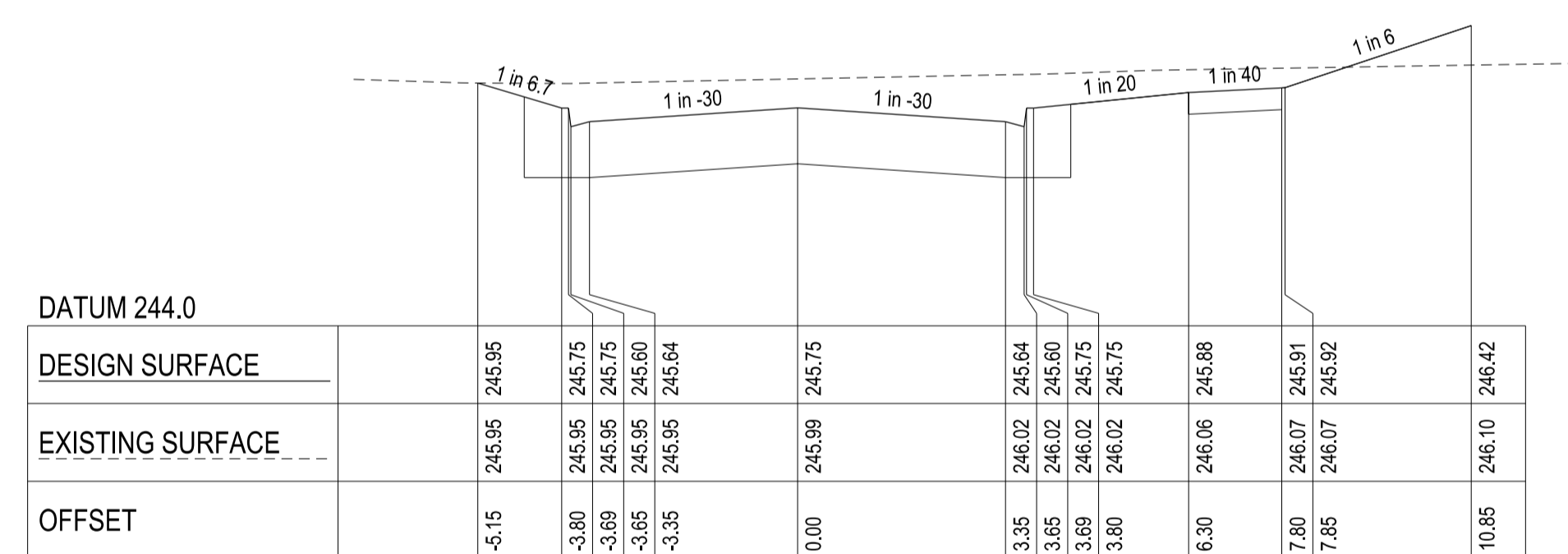
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DESIGN TITLE BOUNDARY (LEFT)		246.13	246.10	246.01	245.95	245.88	245.86	245.68	245.55	245.41	245.25	244.71	244.69	244.55	244.10	243.93	243.69	243.49	243.37	243.23	243.16	243.14	242.62	
DESIGN LIP OF KERB (LEFT)																								
DESIGN CENTRELINE	246.19	246.04	246.03	245.84	245.75	245.64	245.55	245.34	245.22	245.10	244.98	244.58	244.55	244.44	244.08	244.03	243.71	243.53	243.49	243.23	243.16	243.14	242.70	242.51
DESIGN LIP OF KERB (RIGHT)																								
DESIGN TITLE BOUNDARY (RIGHT)		246.21	246.19	246.00	245.92	245.83	245.80	245.62	245.50	245.37	245.26	244.85	244.82	244.72	244.36	244.32	243.92	243.71	243.65	243.48	243.42	243.24	243.12	242.70
EXISTING SURFACE	246.19	246.04	246.05	245.84	245.75	245.64	245.55	245.34	245.22	245.10	244.98	244.58	244.55	244.44	244.08	244.03	243.71	243.53	243.49	243.23	243.16	243.14	242.70	242.35

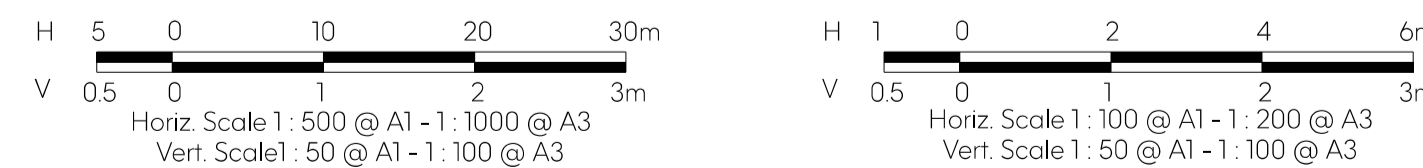
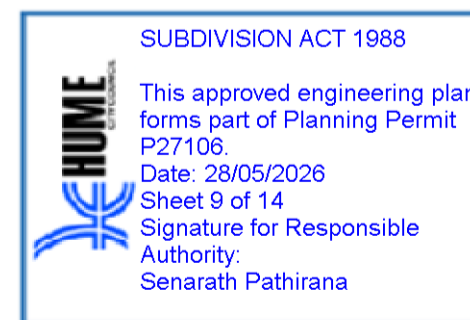
PROVINCIAL VIEW LONGITUDINAL SECTION



CH 28.84



CH 14.84



Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout. Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	PS.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	PS.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	PS.M.



**For Approval**

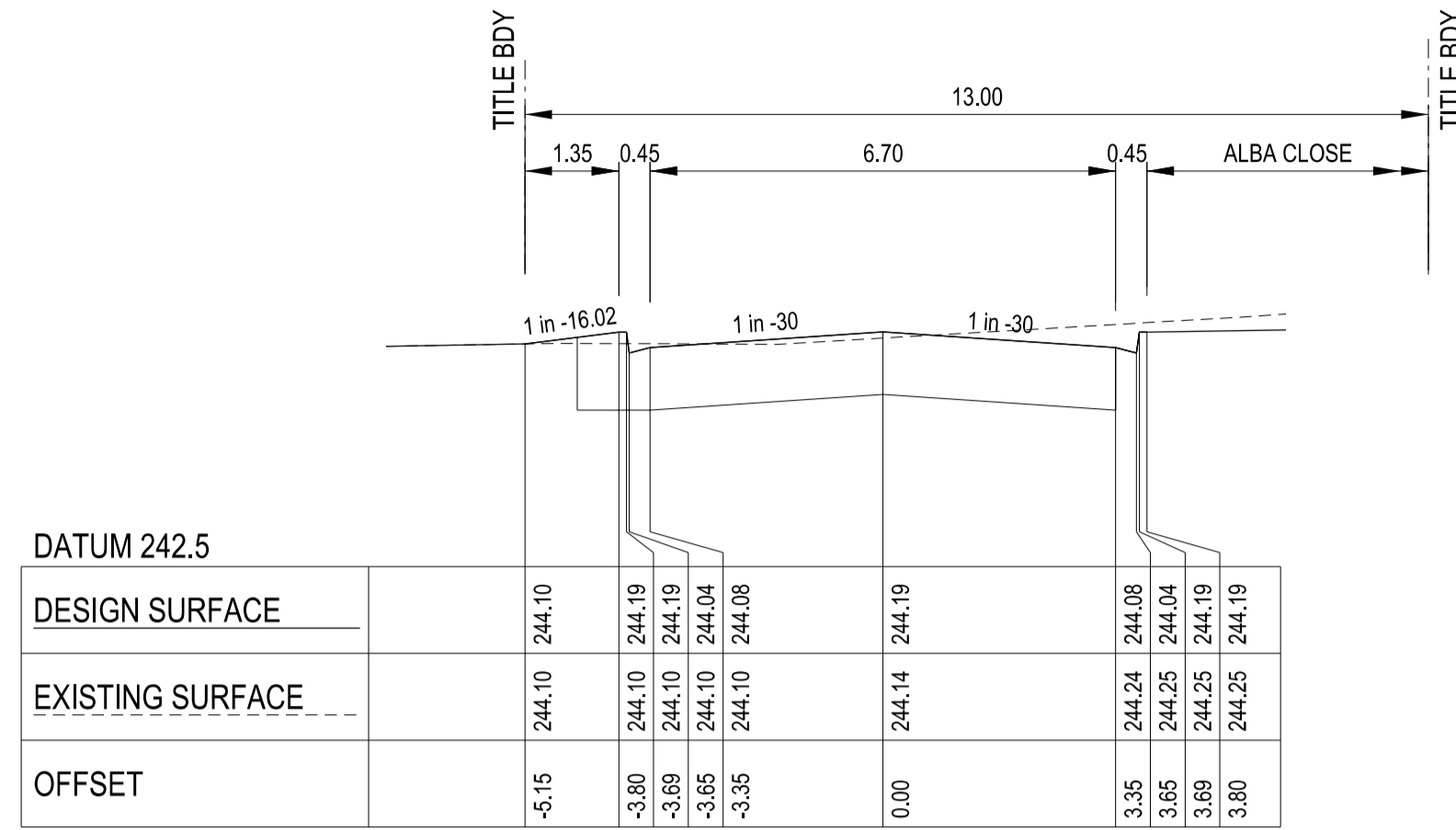
Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	PS.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R09</b>
<b>Provincial View Road Longitudinal &amp; Cross Sections Sheet 01 of 02</b>		Revision <b>C</b>
		Sheet 09 of 14

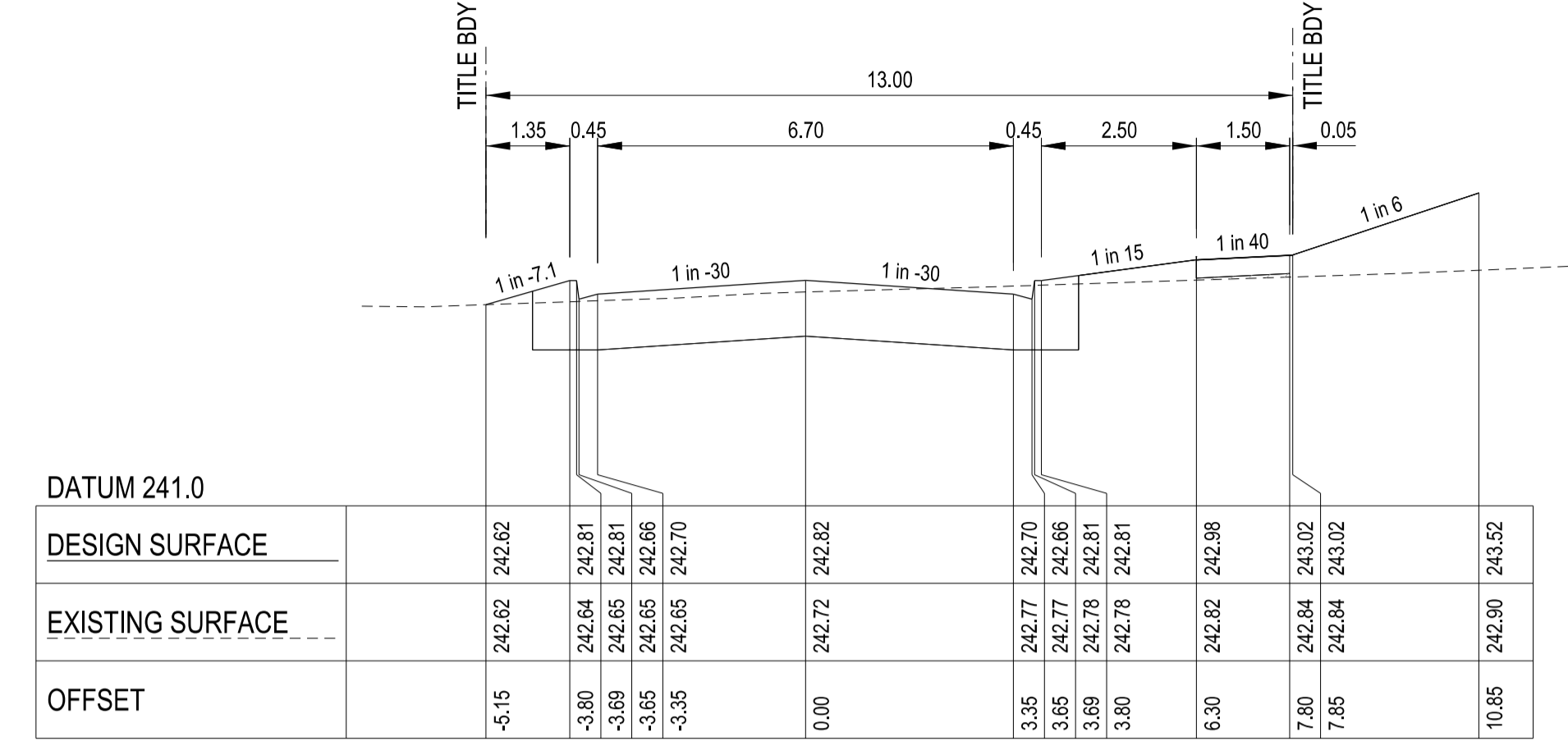
This plan (or the data transmitted herewith) has been prepared to facilitate the construction and should not be used for any other purpose. Marshal accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-out dimensions of all design lines, grid lines, control lines, recovery marks & bench marks should be verified & confirmed against the latest information of construction. Marshal is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work. This note is an integral part of this plan/data. Reproduction of this plan or any part of it without this note being included in full will render the information shown on such reproduction invalid & not suitable for use.

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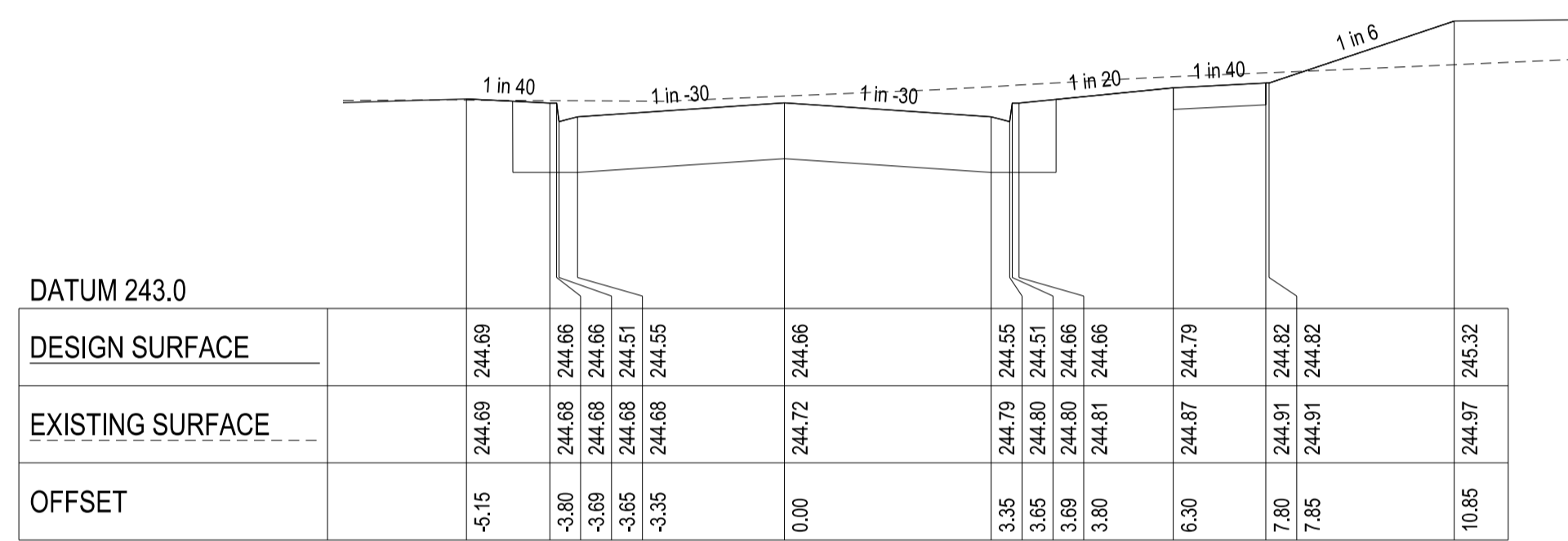
STRUCTURAL FILL SHOWN INDICATIVE UNDER PAVEMENT AND FOOTPATHS WHERE CONSTRUCTED ABOVE EXISTING SURFACE. REFER DETAIL ON STANDARD DETAIL SHEET.



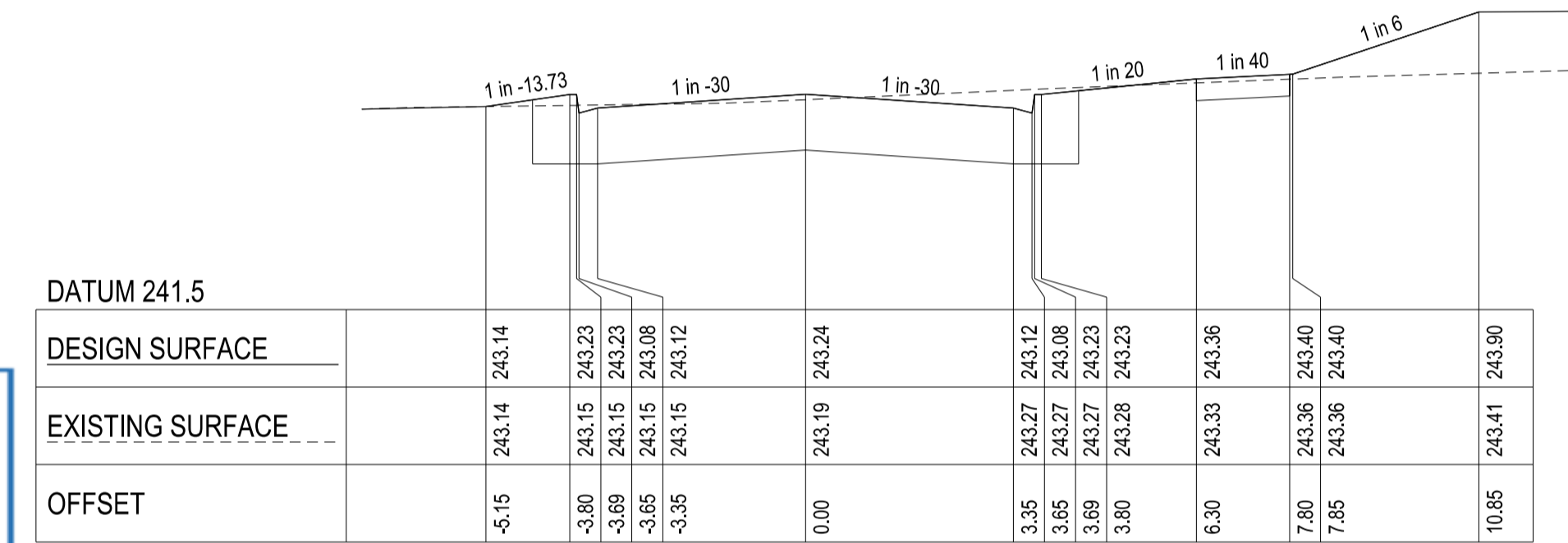
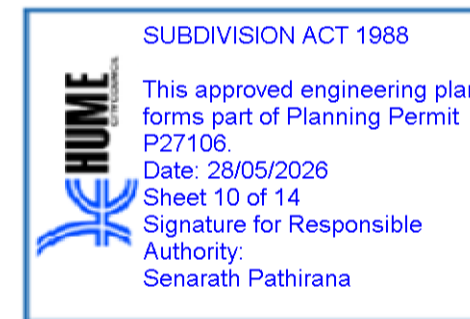
CH 75.64



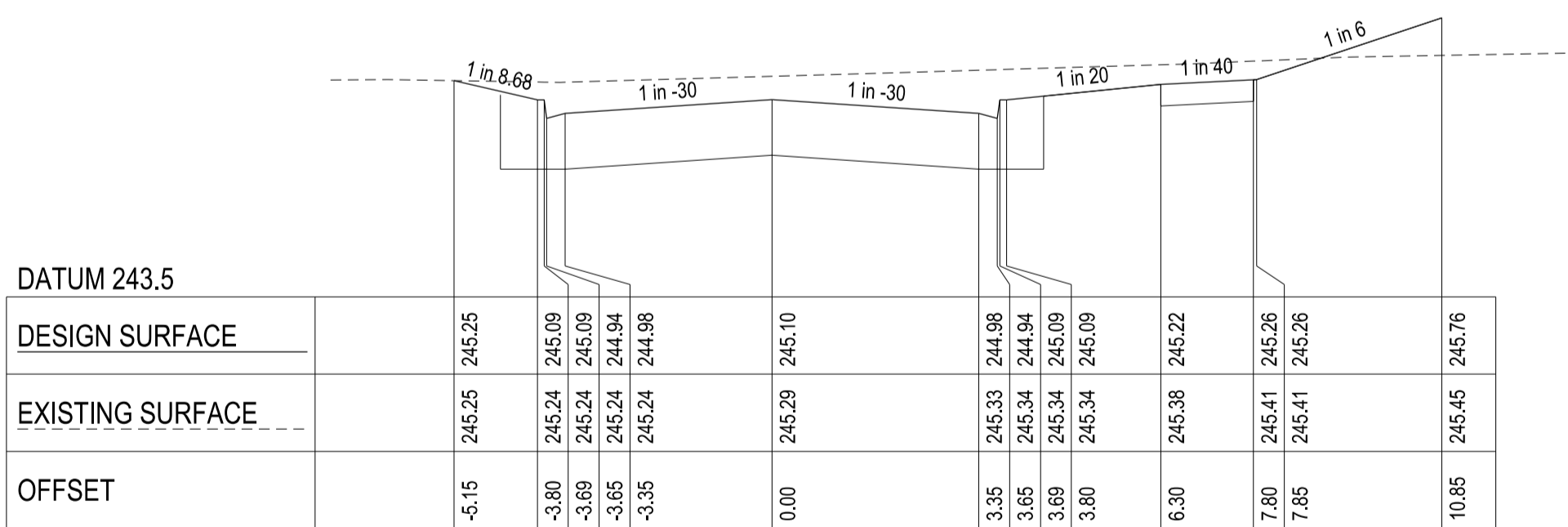
CH 110.90



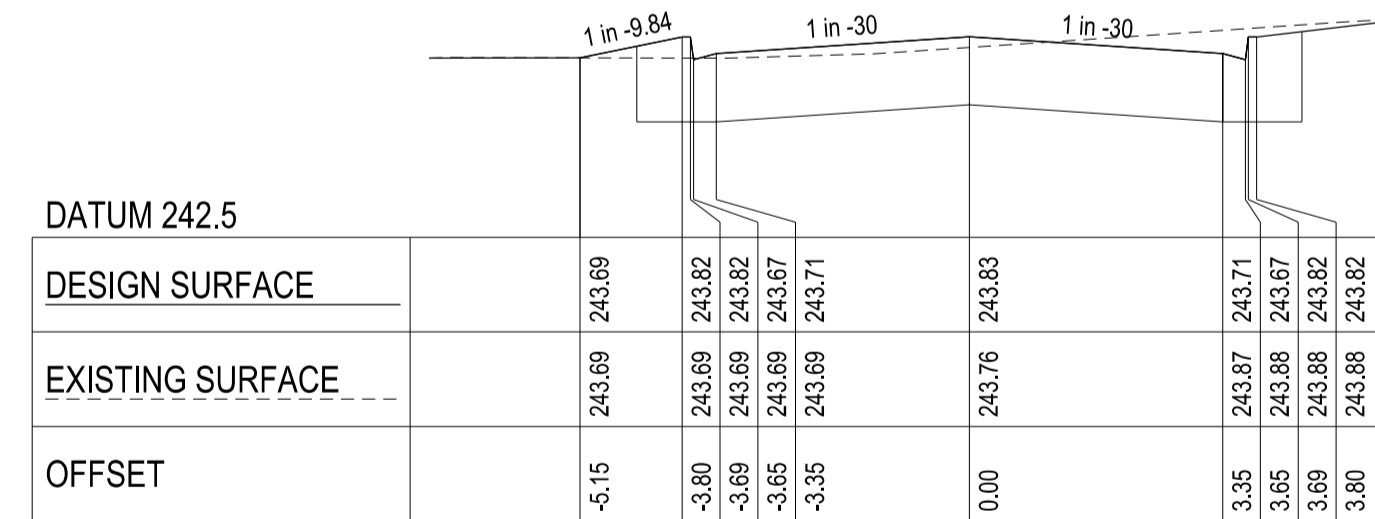
CH 60.84



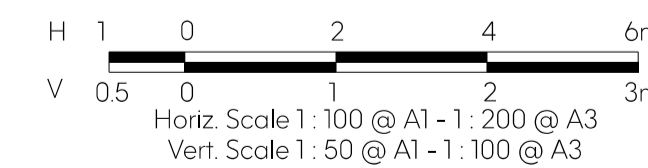
CH 100.54



CH 44.84



CH 85.64



Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	PS.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	PS.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	PS.M.

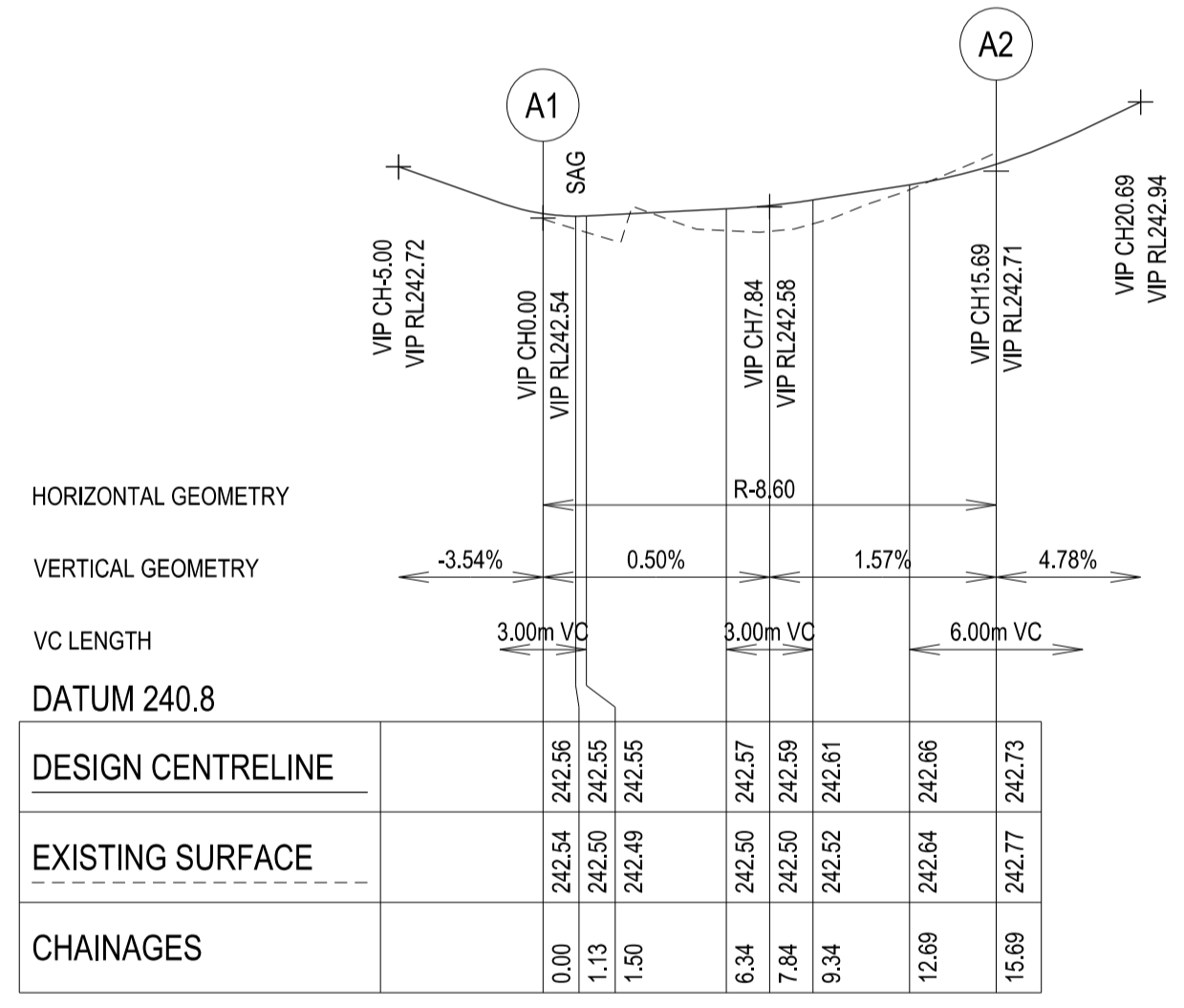
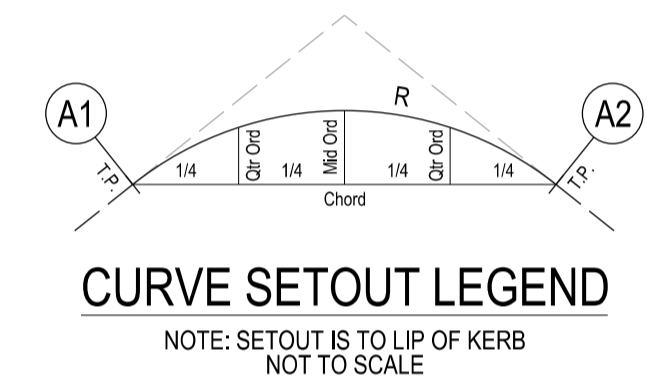
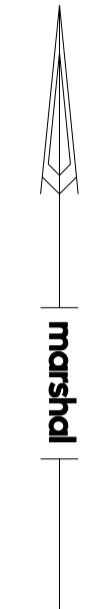
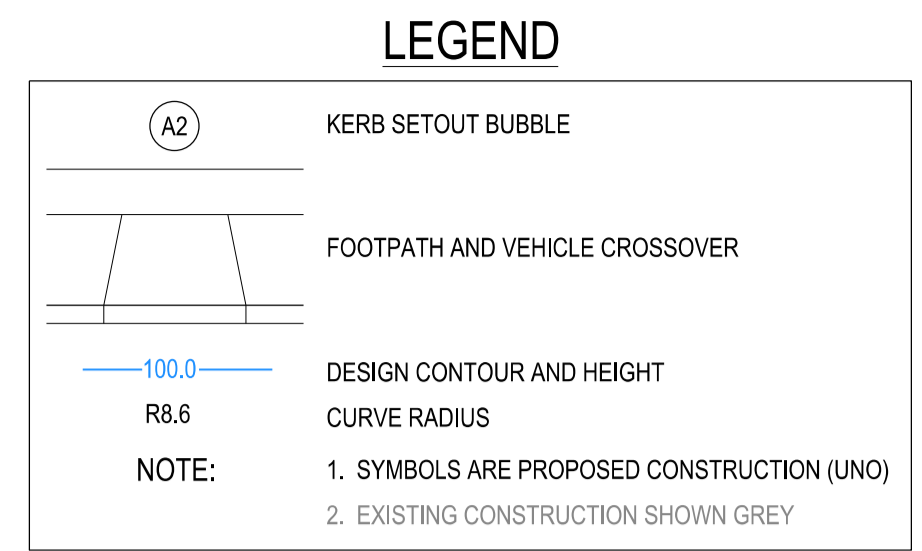
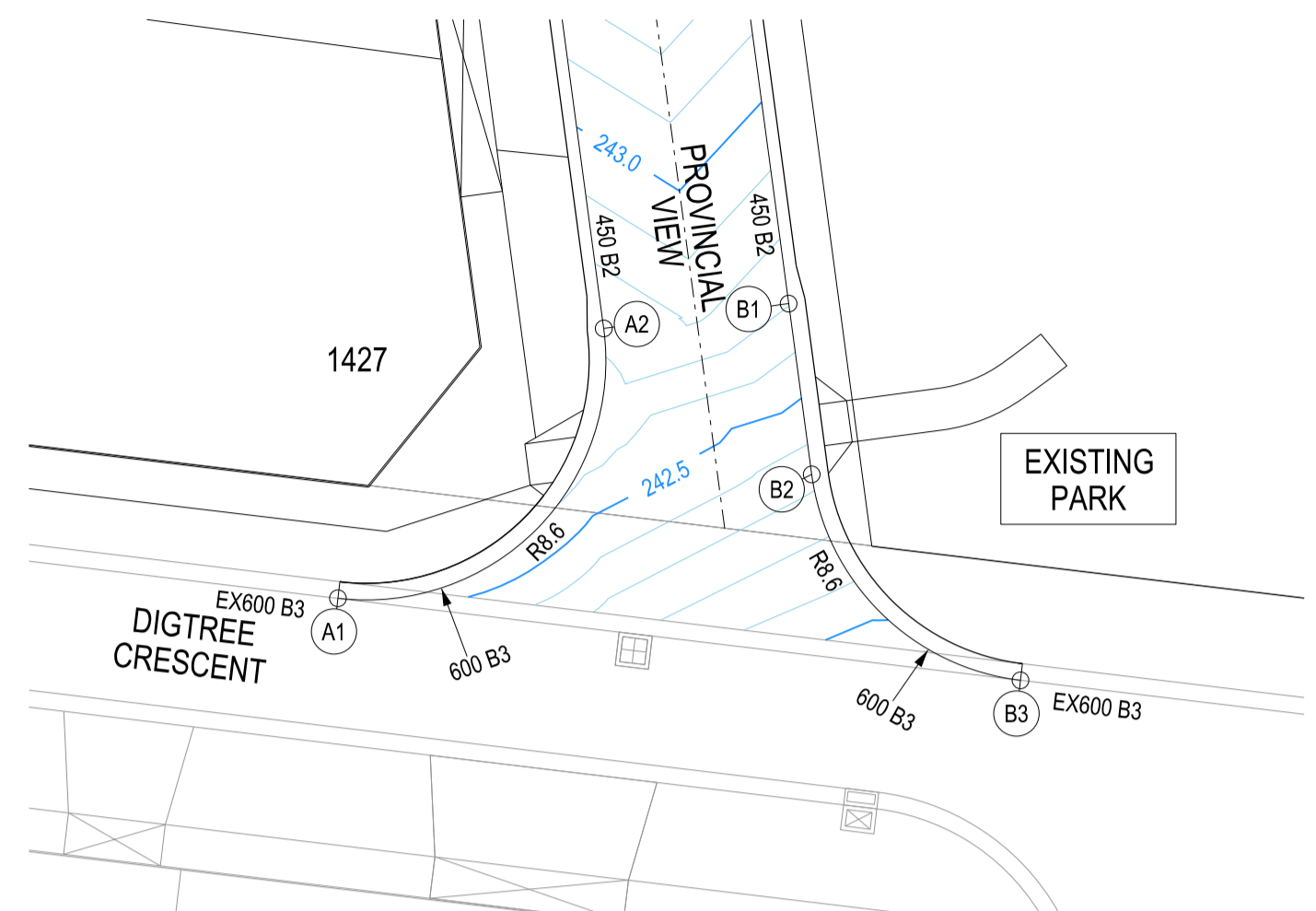


**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	PS.M.	Date:	Jan 2026

<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R10</b>
Provincial View Road Cross Sections - Sheet 02 of 02		Revision <b>C</b>
		Sheet 10 of 14





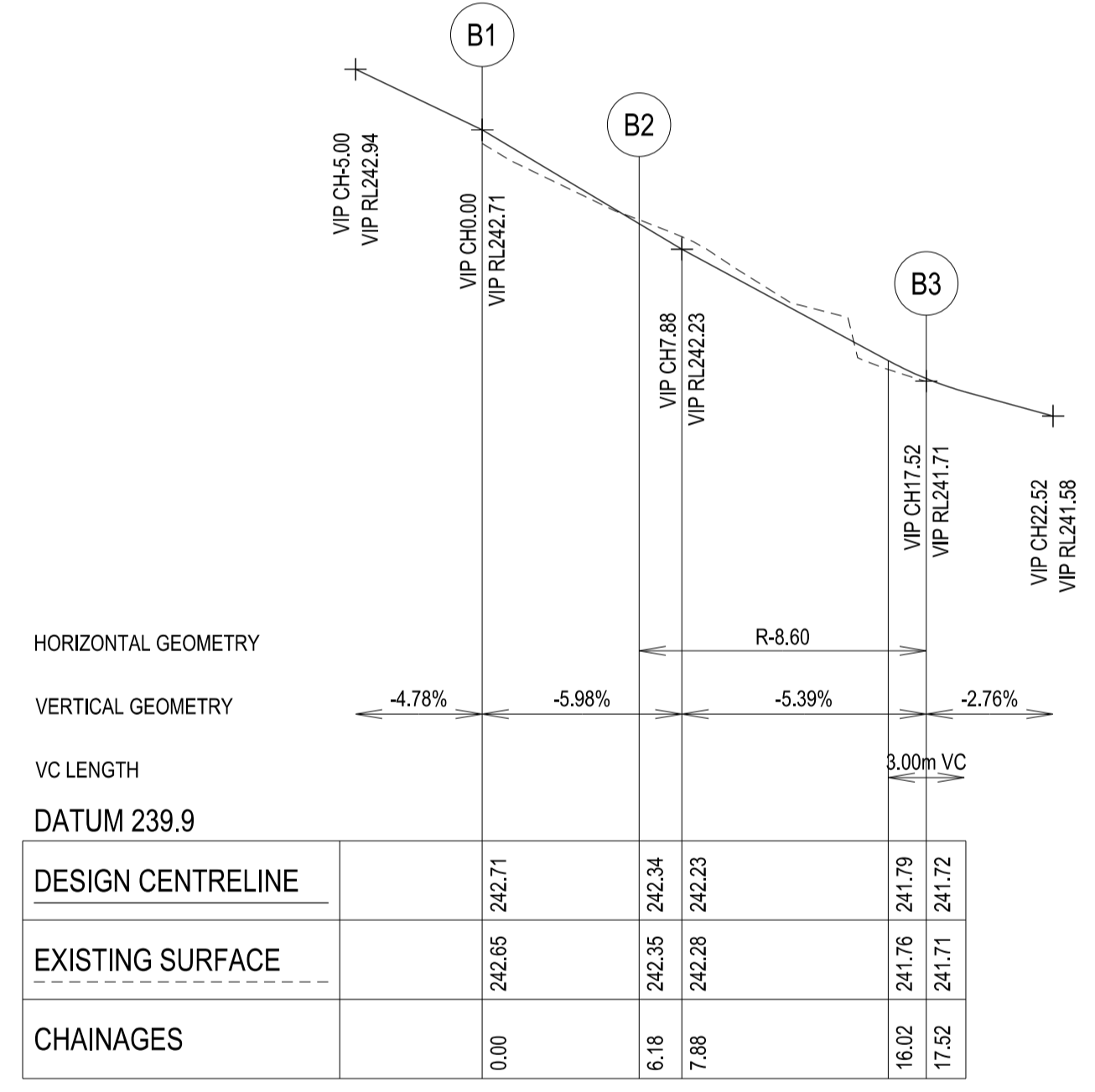
#### ALIGNMENT KERB A

Alignment A

Point no	Easting	Northing	RL
A1	3539.860	9137.066	242.558
A2	3549.408	9146.751	242.729

Curve no | Radius | Arc | Mid Ord | Qtr Ord | X | Y | I | Mid Ord RL

A1	A2	-104.508	-8.600	15.687	3.335	2.457	3.013	3.787	3.922	242.586
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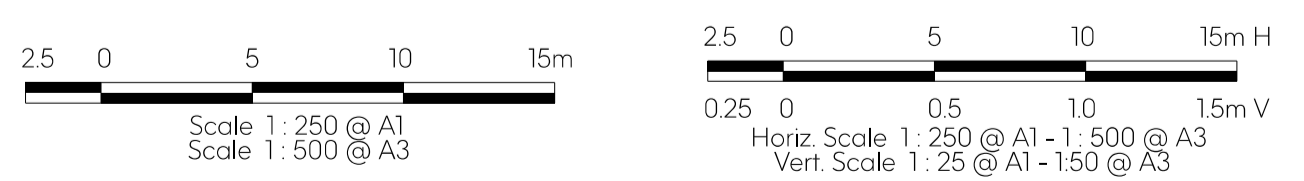
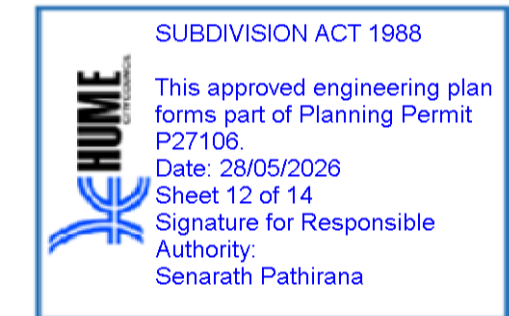
#### ALIGNMENT KERB B

Alignment B

Point no	Easting	Northing	RL
B1	3556.048	9147.645	242.705
B2	3556.873	9141.515	242.335
B3	3564.371	9134.124	241.724

Curve no | Radius | Arc | Mid Ord | Qtr Ord | X | Y | I | Mid Ord RL

B2	B3	-75.492	-8.600	11.331	1.800	1.337	2.483	2.782	2.833	242.020
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### CONTRACTOR TO NOTE

**BEWARE OF UNDERGROUND SERVICES**

THE LOCATION OF UNDERGROUND SERVICES ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL EXISTING SERVICES ARE SHOWN.

UNDERGROUND SERVICE INFORMATION HAS BEEN OBTAINED VIA BYDA ENQUIRY AND HAS BEEN REVIEWED AND INCORPORATED BY DESIGNERS WHERE APPLICABLE. CONTRACTORS MUST VERIFY ALL UNDERGROUND SERVICES ON SITE PRIOR TO EXCAVATION.

EXTREME CARE TO BE TAKEN AT ALL TIMES WHEN BORING NEAR OR ACROSS EXISTING SERVICES.



THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR AND AT ALL TIMES PROVIDE A SAFE WORKING ENVIRONMENT IN THE VICINITY OF THE SITE OF WORKS IN FULL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY REGULATIONS.

IN ACCORDANCE WITH CLAUSE 15 OF AS2124-1992, THE CONTRACTOR MUST ENSURE THE SAFETY OF THE CONTRACTOR'S EMPLOYEES AND ALL OTHER PEOPLE WHO ARE ON OR ADJACENT TO THE SITE.

THE CONTRACTOR MUST COMPLY WITH THE VICTORIAN OCCUPATIONAL HEALTH AND SAFETY ACT 2004, INCLUDING SAFETY HELMETS, SAFETY BOOTS, EAR AND EYE PROTECTION, WHERE APPROPRIATE.

Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
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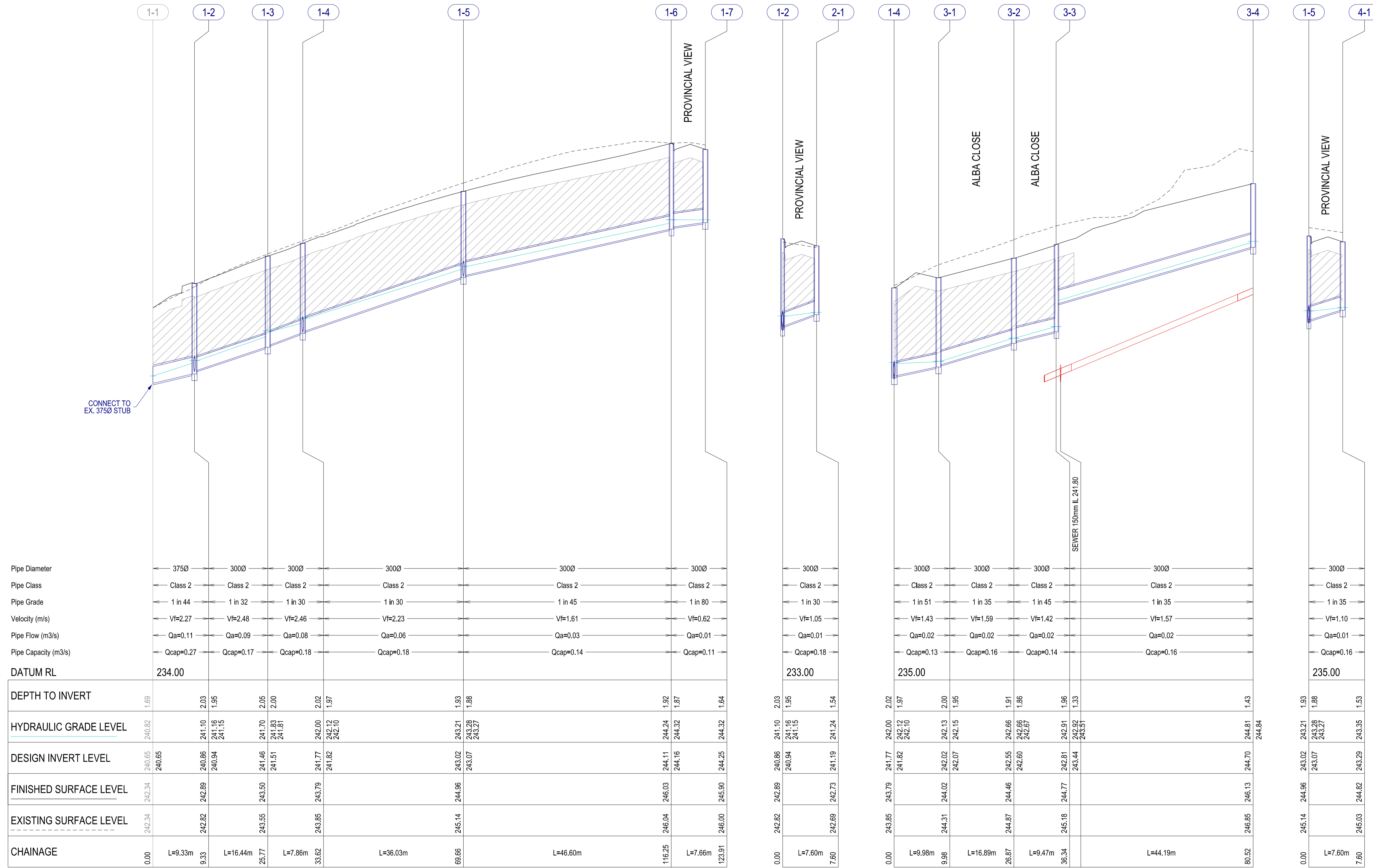


## For Approval

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

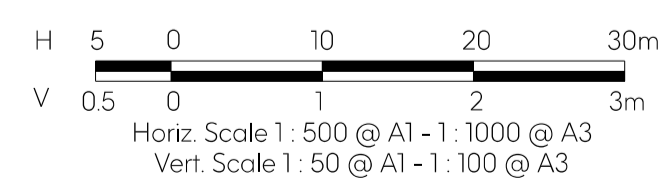
<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R12</b>
<b>Intersection Detail Plans, Kerb Alignment Profiles &amp; Setout Data</b>		Revision <b>C</b>
		Sheet 12 of 14

CRB HATCHING DENOTES CRUSHED ROCK BACKFILL SPECIFICATION CLASS 2 UNDER ROAD PAVEMENT AND CLASS 3 BEHIND THE KERB



Section	1-1	1-2	1-3	1-4	1-5	1-6	1-7	1-2	2-1	1-4	3-1	3-2	3-3	3-4	1-5	4-1
Pipe Diameter	3750	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000	3000
Pipe Class	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2	Class 2
Pipe Grade	1 in 44	1 in 32	1 in 30	1 in 30	1 in 30	1 in 45	1 in 80	1 in 30	1 in 30	1 in 51	1 in 35	1 in 45	1 in 35	1 in 35	1 in 35	1 in 35
Velocity (m/s)	Vf=2.27	Vf=2.48	Vf=2.46	Vf=2.23	Vf=1.61	Vf=0.62	Vf=1.05	Vf=1.43	Vf=1.59	Vf=1.42	Vf=1.57	Vf=1.10	Vf=1.01	Vf=1.01	Vf=1.01	Vf=1.01
Pipe Flow (m3/s)	Qa=0.11	Qa=0.09	Qa=0.08	Qa=0.06	Qa=0.03	Qa=0.01	Qa=0.01	Qa=0.02	Qa=0.02	Qa=0.02	Qa=0.02	Qa=0.01	Qa=0.01	Qa=0.01	Qa=0.01	Qa=0.01
Pipe Capacity (m3/s)	Qcap=0.27	Qcap=0.17	Qcap=0.18	Qcap=0.18	Qcap=0.14	Qcap=0.11	Qcap=0.18	Qcap=0.13	Qcap=0.16	Qcap=0.14	Qcap=0.16	Qcap=0.16	Qcap=0.16	Qcap=0.16	Qcap=0.16	Qcap=0.16
DATUM RL	234.00															
DEPTH TO INVERT	1.69	2.03	2.05	2.02	1.93	1.82	1.64	2.02	1.54	2.02	1.97	1.95	1.96	1.33	1.43	1.43
HYDRAULIC GRADE LEVEL	240.02	241.10	241.16	241.15	243.21	243.27	244.32	242.12	242.10	242.13	242.15	242.06	242.07	242.01	244.81	244.84
DESIGN INVERT LEVEL	240.65	240.86	241.46	241.77	243.02	243.07	244.11	241.77	241.82	242.02	242.07	242.55	242.81	243.44	244.70	244.81
FINISHED SURFACE LEVEL	242.34	242.89	243.50	243.79	245.14	244.96	246.03	243.79	242.69	244.02	244.46	244.87	245.18	244.77	246.13	244.70
EXISTING SURFACE LEVEL	242.34	242.82	243.55	243.85	245.04	244.96	246.00	243.85	242.69	244.31	244.82	245.03	245.18	244.77	246.85	244.82
CHAINAGE	0.00	L=9.33m	L=16.44m	L=7.86m	L=36.03m	89.66	L=46.60m	116.25	L=7.60m	7.60	L=9.98m	L=16.89m	L=9.47m	36.34	L=44.19m	80.52

SUBDIVISION ACT 1988  
 This approved engineering plan forms part of Planning Permit P27106  
 Date: 28/05/2026  
 Sheet 13 of 14  
 Signature for Responsible Authority:  
 Senarath Pathirana



Revision	Date	Description	Designed	Drawn	Approved
C	17-04-2026	Elec layout, Trees added. Revised to Council comments (dated 16/04/2026)	SS	K.D.G.	P.S.M.
B	03-03-2026	Issued for Tender	SS	K.D.G.	P.S.M.
A	06-01-2026	Issued for Approval	SS	K.D.G.	P.S.M.

**marshal**



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	SS	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026

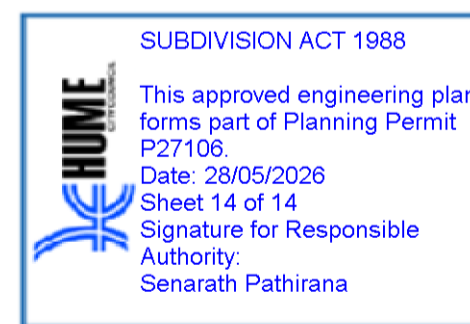
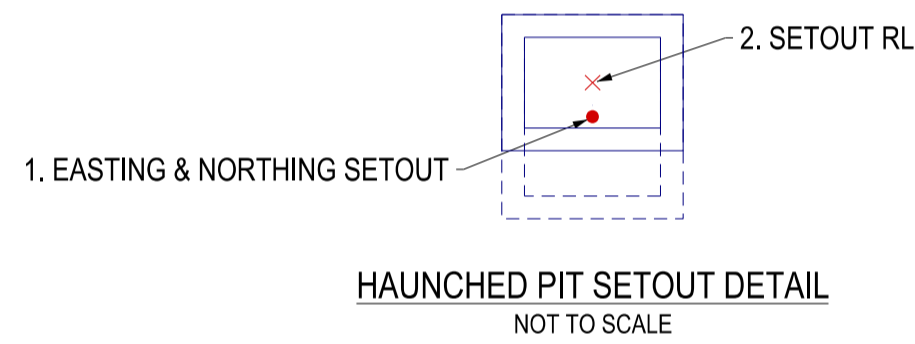
<b>Hume City Council</b>		Plan Number
Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		<b>36182-14B R 13</b>
<b>Drainage Longitudinal Sections</b>		Revision <b>C</b>
		Sheet 13 of 14

This plan (or the data transmitted hereon) has been prepared to facilitate the construction & should not be used for any other purpose. Marshal accepts no responsibility whatsoever for the use of unapproved plans in any construction or for any commercial purposes. Set-out dimensions of all design lines, grid lines, control lines, recovery marks & bench marks should be verified & confirmed against the latest information of construction. Marshal is to be notified immediately of any error or discrepancy and the matter resolved prior to the commencement or continuation of any work.  
 Disclaimer - Marshal therefore disclaims any liability whatsoever & howsoever caused for loss or damage arising from a third party's misuse of the plan/data (whether inadvertent or not) caused by the failure to inform any such third party of the limitations which apply to the information contained in this plan/within the accompanying data.

PIT SCHEDULE

PIT NAME	PIT TYPE	EASTING	NORTHING	INTERNAL		INLET		OUTLET		PIT SETOUT RL	DEPTH	STANDARD DRAWING		REMARKS
				WD	LEN	DIA	INV LEV	DIA	INV LEV			INLET	PIT	
EX	JP	3550.372	9135.032											CONTRACTOR TO CHECK EXISTING PIT LID (IN DIGTREE CRESCENT) & REPLACE WITH HD LID (IF EX. LID IS NOT HD)
1-1	ENDPIPE	3550.151	9138.054			375	240.65			242.34				CONNECT TO EXISTING END PIPE
1-2	GSEP	3548.437	9147.223	600	900	300	240.938	375	240.862	242.892	2.03	EDCM 601	EDCM 605	
						300	240.938							
1-3	JP	3546.527	9163.539	600	900	300	241.51	300	241.46	243.505	2.045		EDCM 605	
1-4	GSEP	3547.286	9171.359	600	900	300	241.821	300	241.771	243.792	2.02	EDCM 601	EDCM 605	
						300	241.821							
1-5	GSEP	3552.075	9207.073	600	900	300	243.073	300	243.023	244.956	1.934	EDCM 601	EDCM 605	
						300	243.073							
1-6	GSEP	3558.24	9253.261	600	900	300	244.158	300	244.108	246.033	1.925	EDCM 601	EDCM 605	
1-7	GSEP	3565.834	9252.267	600	900			300	244.254	245.896	1.642	EDCM 601	EDCM 605	HUME CITY COUNCIL STD DWG SD220 WITH BIKE SAFE, HEAVY DUTY- CLASS D, CAST IRON GRATE
2-1	GSEP	3555.954	9148.349	600	900			300	241.191	242.734	1.542	EDCM 601	EDCM 605	HUME CITY COUNCIL STD DWG SD220 WITH BIKE SAFE, HEAVY DUTY- CLASS D, CAST IRON GRATE
3-1	GEP	3540.379	9178.186	600	900	300	242.065	300	242.015	244.02	2.005		EDCM 605	HUME CITY COUNCIL STD DWG SD225 WITH DEPRESSED GRATED LID, HEAVY DUTY- CLASS D
3-2	GEP	3523.636	9180.364	600	900	300	242.598	300	242.548	244.457	1.909		EDCM 605	HUME CITY COUNCIL STD DWG SD225 WITH DEPRESSED GRATED LID, HEAVY DUTY- CLASS D
3-3	JP	3514.629	9183.257	600	900	300	243.438	300	242.808	244.767	1.96		EDCM 605	HEAVY DUTY LID
3-4	JP	3520.747	9227.016	600	900			300	244.7	246.131	1.431		EDCM 605	
4-1	GSEP	3559.608	9206.063	600	900			300	243.29	244.824	1.534	EDCM 601	EDCM 605	HUME CITY COUNCIL STD DWG SD220 WITH BIKE SAFE, HEAVY DUTY- CLASS D, CAST IRON GRATE

- NOTES:  
 1. Easting & Northing setout to pit centre  
 2. Setout level to pit cover level  
 3. Services Invert levels are Indicative only, Except Sewer



REVISION SINCE PREVIOUS ISSUE

												<b>Hume City Council</b> Villawood Properties P/L Trillium Estate - Stage 14B Mount Ridley Road Craigieburn/Mickleham		Plan Number
												<b>Drainage Pit Schedule</b>		<b>36182-14B R 14</b>
														Revision <b>C</b>
														Sheet 14 of 14

**marshal**



**For Approval**

Project No:	36182_14B	Scale:	As Shown
Drawn:	K.D.G.	Date:	Jan 2026
Designed:	S.S.	Date:	Jan 2026
Approved:	P.S.M.	Date:	Jan 2026