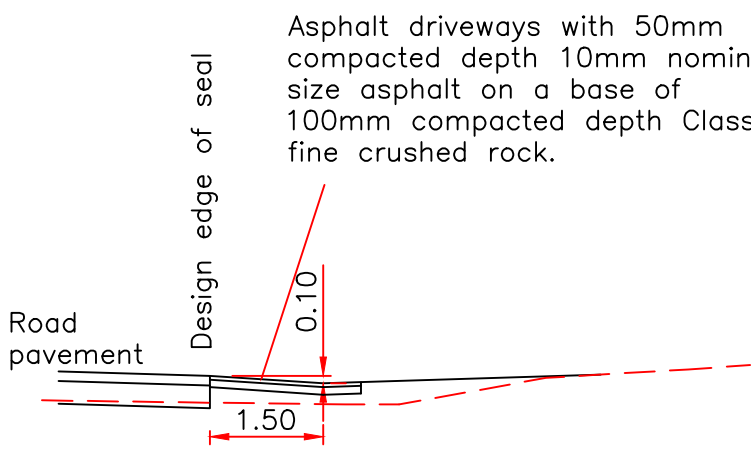
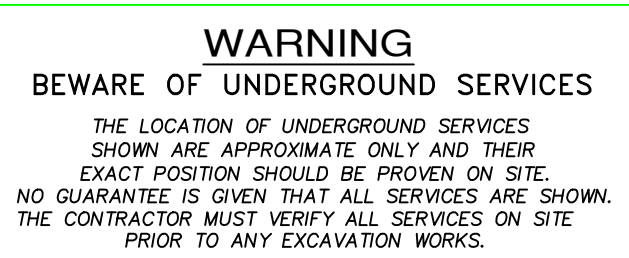
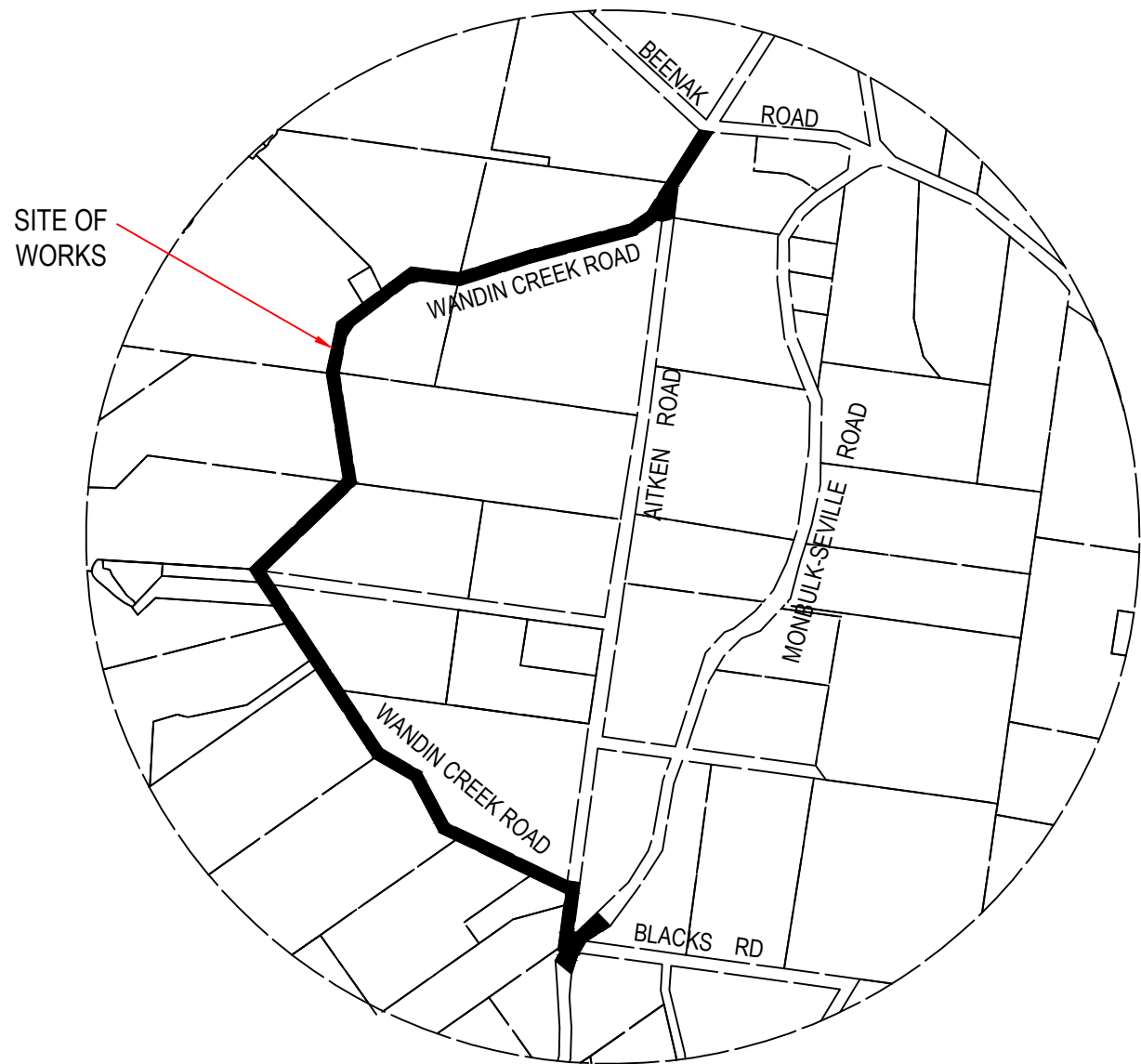
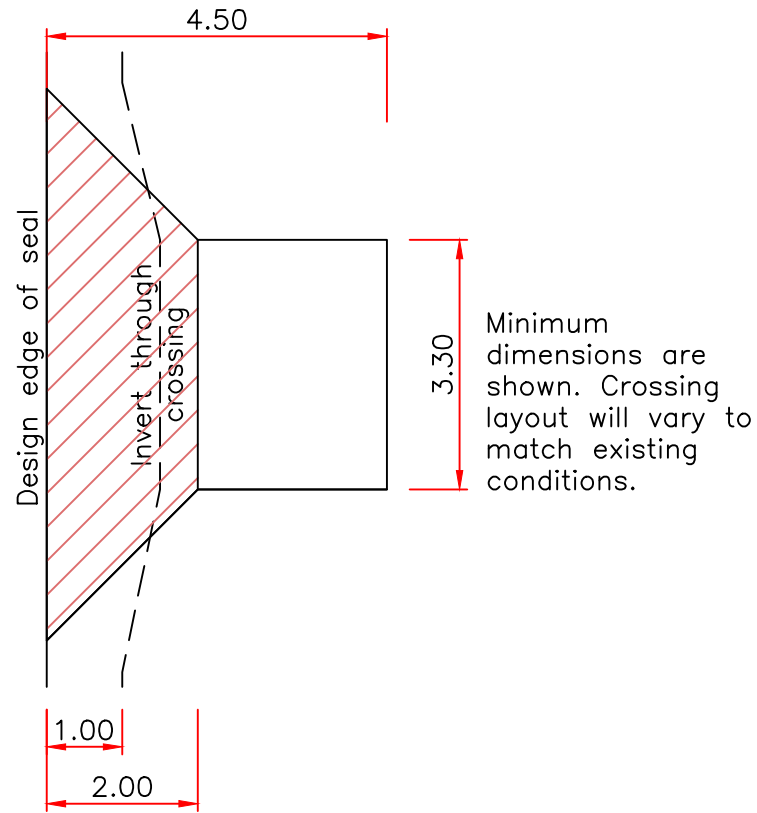


WANDIN CREEK ROAD, WANDIN EAST LOCAL ROAD IMPROVEMENT WORKS SPECIAL CHARGE SCHEME

SHEET INDEX	
SHEET NUMBER	DETAILS
1	LOCALITY PLAN, NOTES AND SHEET INDEX
2	TYPICAL CROSS SECTIONS AND PAVEMENT DETAIL
3	DETAIL PLAN CH 0.00 - CH 390.00
4	DETAIL PLAN CH 390.00 - CH 780.00
5	DETAIL PLAN CH 780.00 - CH 1180.00
6	DETAIL PLAN CH 1180.00 - CH 1580.00
7	DETAIL PLAN CH 1580.00 - CH 1960.00
8	DETAIL PLAN CH 1960.00 - CH 2076.57



SECTION THROUGH ASPHALT
VEHICLE CROSSING
Scale 1:100 when plotted at A3 size



PLAN VIEW OF ASPHALT
VEHICLE CROSSING
Scale 1:100 when plotted at A3 size

- NOTES**
All works shall be undertaken in accordance with the standard drawings and specifications of Yarra Ranges Council.
- GENERAL**
1. The Contractor is to verify the location and depth of all utility services prior to carrying out works by telephoning 1100 "Dial before you dig".
 2. The Contractor shall be responsible for all costs associated with adjusting existing pit and valve covers to match new design levels. This includes telephone, water supply, sewer, drainage and gas services. The Contractor shall liaise directly with the relevant service authorities to coordinate alterations. Council shall bear service authority charges associated with any alteration to their underground assets.
 3. Discrepancies between plans and existing conditions are to be reported immediately to the Supervising Engineer.
 4. All surplus excavated material remains the property of the Contractor, unless specified otherwise or advised by the Supervising Engineer.
 5. "Remove" shall mean remove off site and dispose of at an approved disposal site at the Contractor's expense, unless specified otherwise.
 6. On completion of construction, all work areas are to be cleaned up to the satisfaction of the Supervising Engineer.

- PAVEMENT**
7. At new fill areas, the topsoil shall be stripped and stored, then filling material placed in 150mm thick layers and compacted to 95% AS1289 standard compaction test. Topsoil is then to be respread on the batter areas.
 8. Unless specified otherwise all radii refer to lip of kerb and channel.

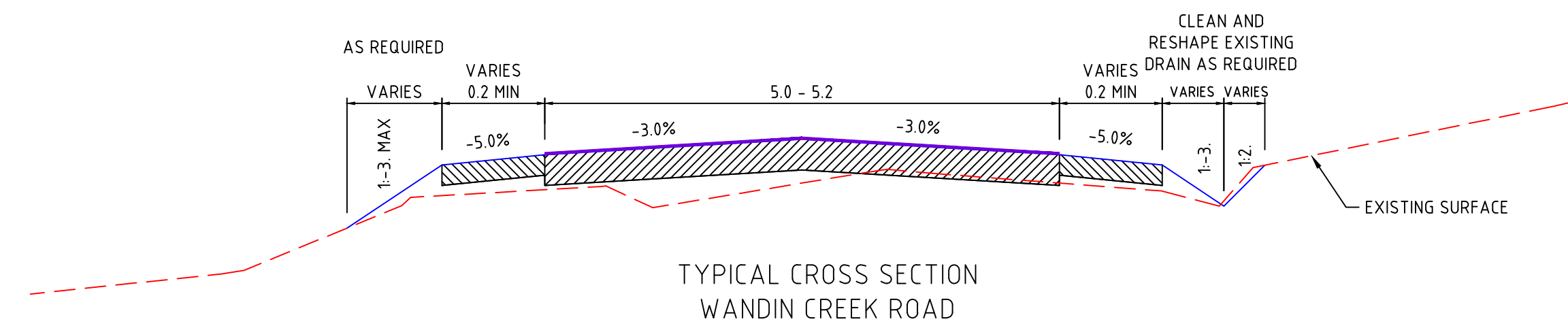
- ROADSIDE**
9. Existing driveways are to be reinstated from back of kerb at a maximum grade of 1 in 8 for 2.0m then 1 in 4 thereafter, with a transition of 1 in 6 for 2.0m preferred where possible as specified. Driveway finish shall match existing driveways.
 - (a) gravel driveways with 50mm compacted depth of 3% cement treated crushed rock unless specified otherwise.
 - (b) asphalt driveways with 50mm compacted depth 10mm nominal size asphalt on a base of 100mm compacted depth Class 2 fine crushed rock.
 - (c) concrete driveways with 150mm depth concrete paving on a base of 50mm compacted depth Class 2 fine crushed rock.
 - (d) brick paver driveways with suitable heavy duty brick pavers on 30mm of bedding sand on a base of 100mm compacted depth Class 2 fine crushed rock.
 10. Cut batters are to be graded at a maximum of 1 in 2 and fill batters are to be graded at a maximum of 1 in 3 unless specified otherwise or approved by the Supervising Engineer.
 11. All disturbed areas shall be topsoiled with 75mm minimum depth of local imported topsoil, seeded and fertilised to the satisfaction of the Supervising Engineer.

- ANCILLARY**
12. All redundant pipes, vehicle crossing culverts, road crossing culverts, pits and endwalls shall be removed. All trenches under roads and driveways shall be backfilled with 20mm Class 2 crushed rock. Sealed pavements or driveways shall be reinstated with pavement materials similar to existing.
 13. All existing guard rail, signs and posts remain the property of Council.
 14. Linemarking, sign installation, installation of RRPMS and landscaping is to be carried out by the Contractor.

- DRAINAGE**
15. All drainage pipes are to be Class 2 rubber ring jointed spigot and socket, unless specified otherwise or advised by the Supervising Engineer.
 16. All property stormwater outlets within 3.0m of the new drain or kerb, are to be connected to underground drainage pipes where available, or back of kerb where underground drainage pipes are not available.
 17. Drainage pits greater than 1.05 metres in depth are to be provided with step irons at 300mm centres vertically.
 18. Agricultural drain placed behind all new kerb and channel, if within 2.0 metres of any tree excavations, is to be hand dug or bored to minimise root damage of the tree.

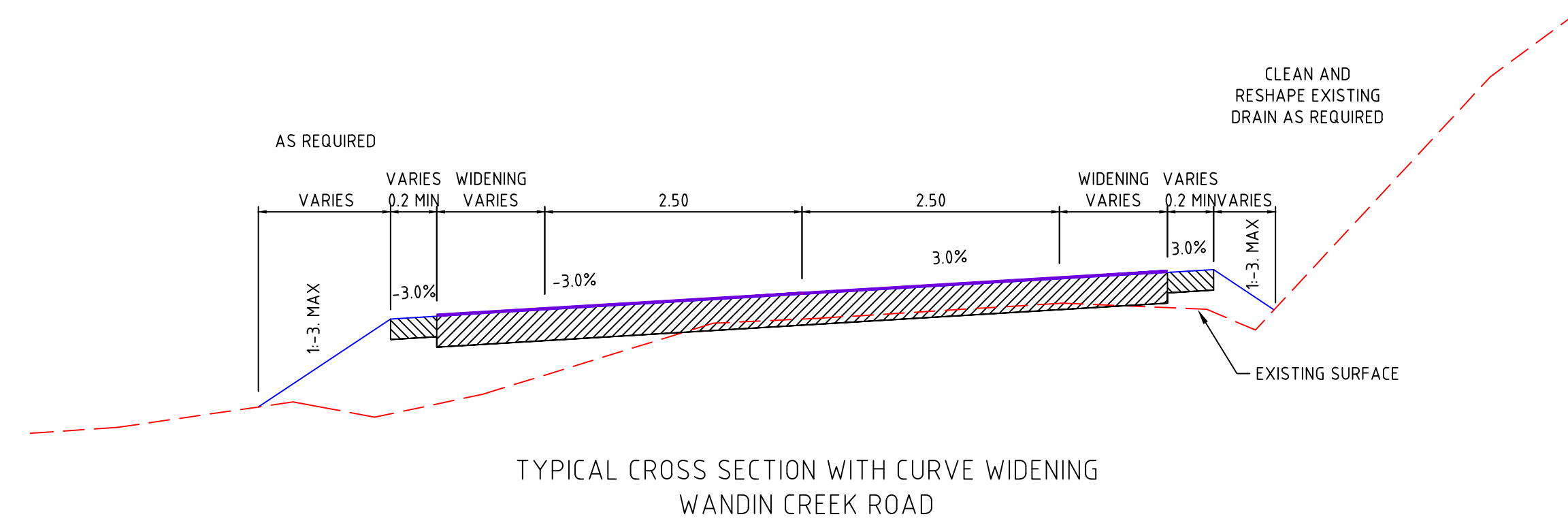
- VEGETATION**
19. No trees, other than those shown on the plan, are to be removed.
 20. No tree roots greater than 50mm diameter shall be cut without written approval of the Supervising Engineer.
 21. Works near At Risk trees should be conducted under the supervision of a suitably qualified arborist.

AMENDMENTS			LEGEND										 HDS Australia Pty Ltd Waverley Business Centre, 21-23 Ararat Road, Glen Waverley VIC 3150 Ph: 03 9550 1858 Fax: 03 9560 3008 Email: vic@hdsaustralia.com.au		YARRA RANGES COUNCIL									
DATE	REVISION	AUTHORISED	Conduits		Telecom U/G Cable		Telecom Pole		Proposed K & Ch		Survey by: DV ENGINEERING SURVEYS	SCALES		Datum Adopted And Location LOCAL		WANDIN CREEK ROAD, WANDIN EAST LOCAL ROAD IMPROVEMENT WORKS		Checked by	Total No. of Sheets	Sheet No.				
28/10/2020	UPDATE FOR COUNCIL AMENDMENTS		Existing Drains		Water Main		Telecom Pit		Asphalt Driveway		Plan by: HZ	Plan: As shown						Co-ordinate Datum LOCAL	Approved	8	1			
			S.E.C. U/G Cable		Fire Hydrant		Existing Drain Pits		Concrete Driveway		Checked by: DA	Cross Sections:							Drawing No.					
			Gas Main		Fire Plug		Proposed Drain Pits		Gravel Driveway		Project Engineer:	Long Sections:												
			S.E.C. O/H Cable		Valve		Proposed Drains		Tree to be removed		Field book No:	Details:												
			Property Outlet		S.E.C. Pole		Existing K & Ch		Survey Station		Computer Reference: YR128		Date: October 2017							LOCALITY PLAN, NOTES, SHEET INDEX	Corporate Manager – Infrastructure–Leisure Services	2016-001		

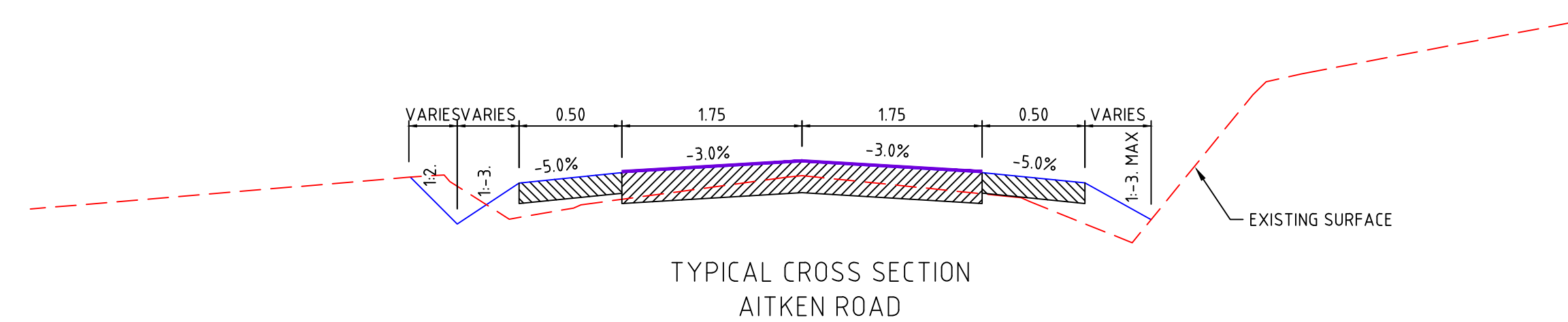


TYPICAL CROSS SECTION
WANDIN CREEK ROAD

PAVEMENT DESIGN	
	BITUMINOUS SEAL 50mm COMPACTED DEPTH OF 14mm TYPE H ASPHALT WEARING COURSE
	PAVEMENT 150mm COMPACTED DEPTH OF 20mm CLASS 2 CRUSHED ROCK. EXISTING MATERIAL AS FOUND SHAPED SPREAD AND COMPACTED AS REQUIRED.
	SHOULDER 100mm COMPACTED DEPTH OF 20mm CLASS 2 CRUSHED ROCK OR EXISTING SALVAGED PAVEMENT MATERIAL.



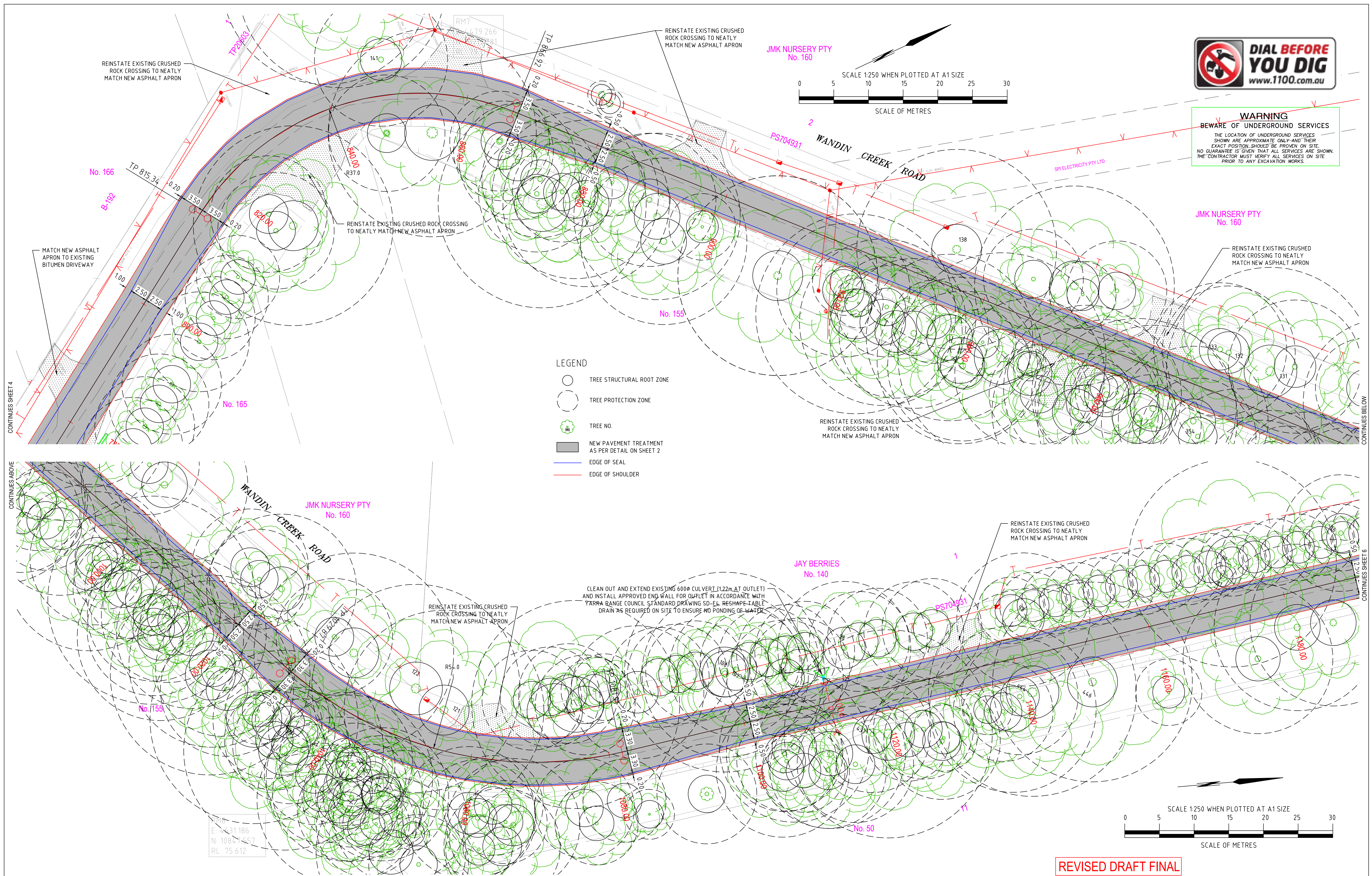
TYPICAL CROSS SECTION WITH CURVE WIDENING
WANDIN CREEK ROAD

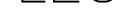


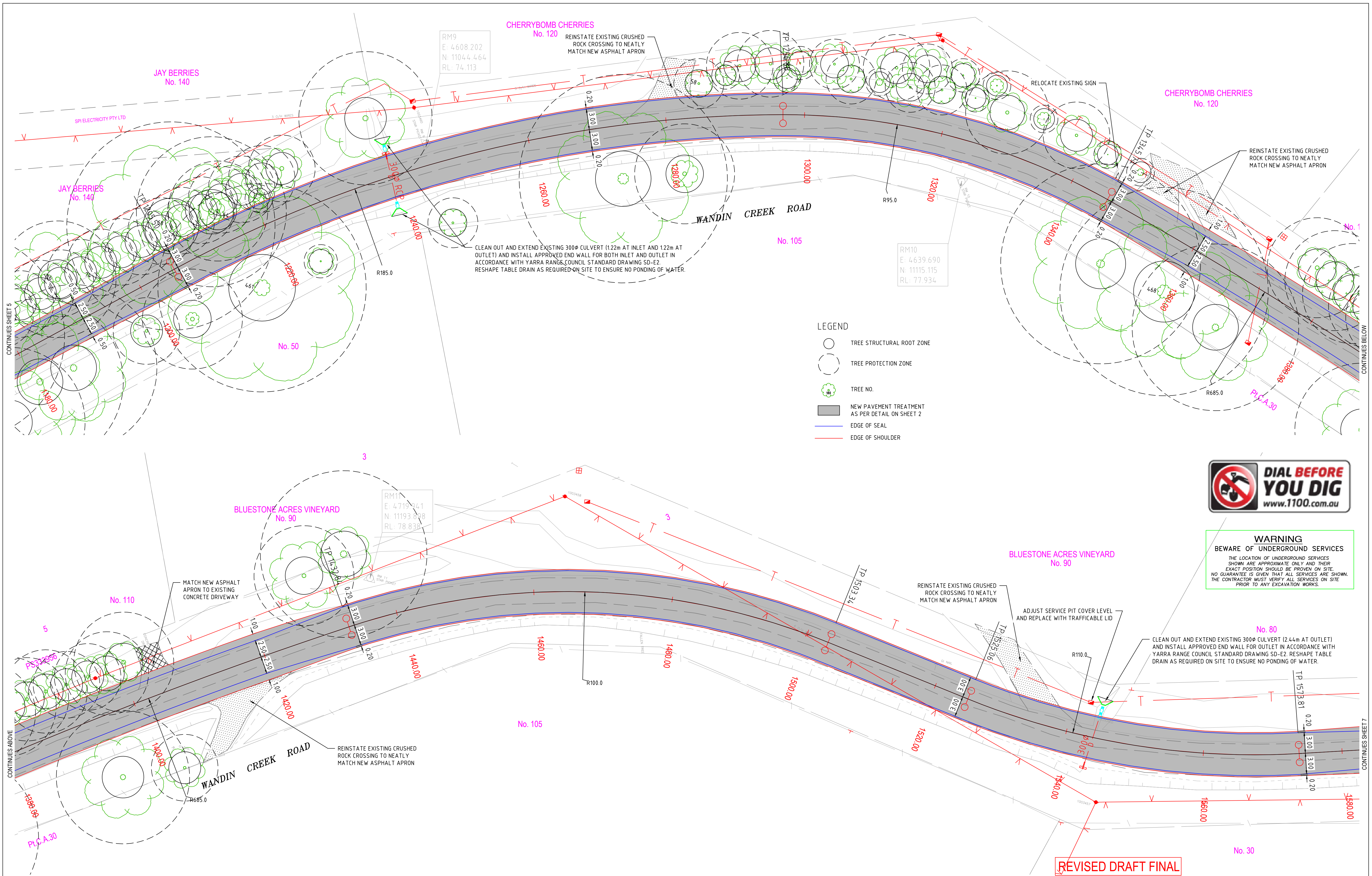
TYPICAL CROSS SECTION
AITKEN ROAD

REVISED DRAFT FINAL

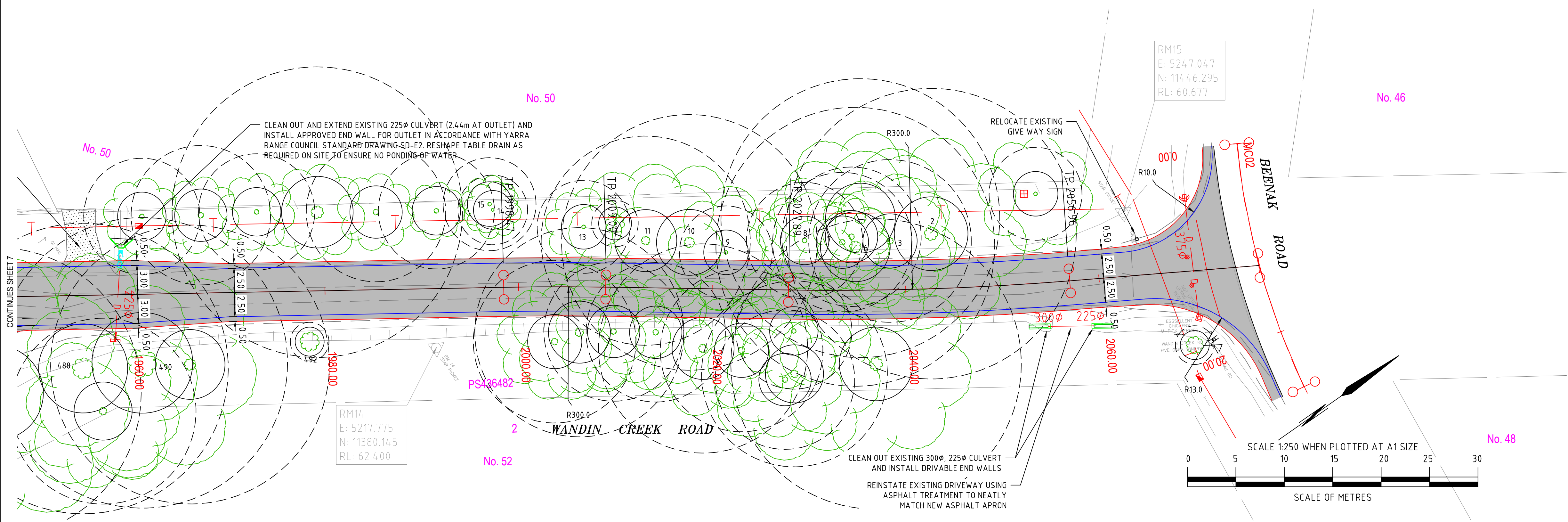
AMENDMENTS			LEGEND										hds HEALTH DIVERSITY SUSTAINABILITY HDS Australia Pty Ltd Waverley Business Centre, 21-23 Ararat Road, Glen Waverley VIC 3150 Ph: 03 9550 1858 Fax: 03 9560 3008 Email: vic@hdsaustralia.com.au			YARRA RANGES COUNCIL									
DATE	REVISION	AUTHORISED	Conduits		Telecom U/G Cable		Telecom Pole		Proposed K & Ch		Survey by: DV ENGINEERING SURVEYS		SCALES		Datum Adopted And Location LOCAL Co-ordinate Datum LOCAL	WANDIN CREEK ROAD, WANDIN EAST LOCAL ROAD IMPROVEMENT WORKS TYPICAL CROSS SECTIONS AND PAVEMENT DETAIL	Checked by	Total No. of Sheets	Sheet No.						
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			Gas Main		Fire Plug		Proposed Drain Pits		Gravel Driveway		Project Engineer:	Long Sections:													
			S.E.C. O/H Cable		Valve		Proposed Drains		Tree to be removed		Field book No:	Details:													
			Property Outlet		S.E.C. Pole		Existing K & Ch		Survey Station		Computer Reference: YR128	Date: October 2017													



AMENDMENTS			LEGEND										 HDS Australia Pty Ltd Waverley Business Centre, 21-23 Anstee Road, Glen Waverley VIC 3150 Ph: 03 9550 1858 Fax: 03 9550 2008 Email: vic@hdsaustralia.com.au		YARRA RANGES COUNCIL			
DATE	REVISION	AUTHORISED	Conduits		Telecom U/G Cable		Telecom Pole		Proposed K & Ch		Survey by: BN ENGINEERING SURVEYS	SCALES		Datum Adopted And Location LOCAL Co-ordinate Datum LOCAL 	WANDIN CREEK ROAD, WANDIN EAST LOCAL ROAD IMPROVEMENT WORKS DETAIL PLAN CH 780.00 - CH 1180.00	Checked by	Total No. of Sheets	Sheet No.
28/10/2020	UPDATE FOR COUNCIL AMENDMENTS		Existing Drains		Water Main		Telecom Pit		Asphalt Driveway		Plan by: HZ	Plan: As shown	Approved			8	5	
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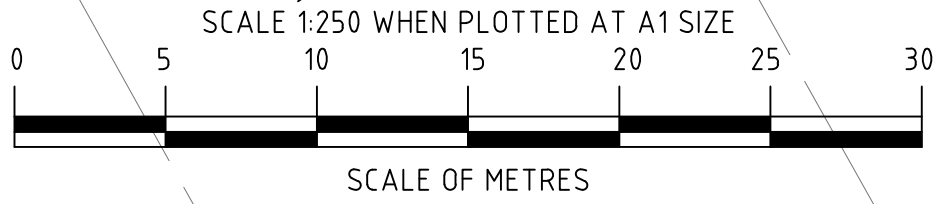


AMENDMENTS			LEGEND										HDS Australia Pty Ltd Waverley Business Centre, 21-23 Anstee Road, Glen Waverley VIC 3150 Ph: 03 9550 1858 Fax: 03 9560 3008 Email: vic@hdsaustralia.com.au <th colspan="10">YARRA RANGES COUNCIL</th>		YARRA RANGES COUNCIL									
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WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATION OF UNDERGROUND SERVICES SHOWN ARE APPROXIMATE ONLY AND THEIR EXACT POSITION SHOULD BE PROVEN ON SITE. NO GUARANTEE IS GIVEN THAT ALL SERVICES ARE SHOWN. THE CONTRACTOR MUST VERIFY ALL SERVICES ON SITE PRIOR TO ANY EXCAVATION WORKS.

- LEGEND**
- TREE STRUCTURAL ROOT ZONE
 - TREE PROTECTION ZONE
 - TREE NO.
 - NEW PAVEMENT TREATMENT AS PER DETAIL ON SHEET 2
 - EDGE OF SEAL
 - EDGE OF SHOULDER



REVISED DRAFT FINAL

AMENDMENTS			LEGEND										 HDS Australia Pty Ltd Waverley Business Centre, 21-23 Ararat Road, Glen Waverley VIC 3150 Ph: 03 9550 1858 Fax: 03 9560 3008 Email: vic@hdsaustralia.com.au		YARRA RANGES COUNCIL									
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