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LOCALITY PLAN



GENERAL NOTES

UNLESS NOTED OTHERWISE

- 1 ALL LEVELS AND DIMENSIONS ARE IN METRES (UNO)
- 2 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
- 3 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
- 4 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
- 5 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
- 6 THE PLANS OF SUBDIVISION CERTIFIED BY COUNCIL ARE AN ANNEXURE TO THESE DRAWINGS
- 7 STANDARD DRAWINGS ISSUED BY COUNCIL ARE AN ANNEXURE TO THESE DRAWINGS
- 8 MELBOURNE WATER PLANS FOR THE ADJACENT WETLAND & OPEN WATER BODY ARE AN ANNEXURE TO THESE DRAWINGS
- 9 ALL DRAINAGE PIPES WITHIN EASEMENTS ARE AT 1 METRE CENTRELINE OFFSET UNLESS NOTED OTHERWISE
- 10 PERMISSION IS TO BE OBTAINED FROM THE WATER COMPANY FOR THE USE OF WATER SUPPLY FOR CONSTRUCTION PURPOSES
- 11 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
- 12 THESE PLANS ARE FOR SUBDIVISION CONSTRUCTION PURPOSES ONLY
- 13 THESE PLANS MAY NOT BE REPRODUCED EXCEPT IN FULL

VERSION DETAILS						SCALE:	AS SHOWN		HUME CITY COUNCIL	PLAN NUMBER	
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014	 WATSONS <small>URBAN DEVELOPMENT CONSULTANTS & MANAGERS</small> <small>ABN 47 637 589 613</small>	VILLAWOOD PROPERTIES P/L	36182/7B	
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	L1opo.dgn		5 Main Street, MORNINGTON Phone:031 5975 4644 Fax:031 5975 3916	TRILLIUM - STAGE 7B	R01
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD		• TOWN PLANNERS • CIVIL ENGINEERS • SURVEYORS	535 MOUNT RIDLEY ROAD	REVISION
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B		• Project Managers • Urban Designers • Structural Engineers	MICKLEHAM	E
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A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014				
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HUME CITY COUNCIL NOTES

- 1 ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH HUME CITY COUNCIL STANDARD DRAWINGS, SPECIFICATIONS, APPROVED PLANS AND TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE
- 2 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
- 3 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
- 4 PRIOR TO COMMENCEMENT OF WORKS ON SITE, THE CONTRACTOR MUST ENSURE THAT ALL MATTERS RELATING TO THE OCCUPATIONAL HEALTH AND SAFETY ACT 1985, HAVE BEEN AND WILL BE COMPLIED WITH
- 5 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
- 6 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
- 7 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
- 8 ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE
- 9 ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM (AHD)
- 10 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 HUME CITY COUNCIL SPECIFICATIONS
- 11 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
- 12 FILLING TO COMPLY WITH A S 3798-1996 APPENDIX B, LEVEL 1 (OR 2) AS SPECIFIED
- 13 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
- 14 WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRECONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED
- 15 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
- 16 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
- 17 THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURES / FENCES AND FOR ANY RETAINING WALLS OVER 1.0m IN HEIGHT
- 18 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
- 19 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 DROUGHT TOLERANT COUCH/FESCUE MIX UNLESS OTHERWISE DETAILED. BLEND IS GENERALLY AS FOLLOWS
40% Dwarf Tall Fescue - drought tolerant cultivars
40% Couch
20% Hard Fescue
NOTE: GRASS IS TO BE ESTABLISHED PRIOR TO THE END OF THE MAINTENANCE PERIOD
- 20 FOOTPATHS ARE TO BE 50mm OFFSET FROM TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY
- 21 ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450mm LONG Y20 DOWEL BARS @ 600 CENTRES, UNLESS OTHERWISE SPECIFIED
- 22 ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SANDBLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED

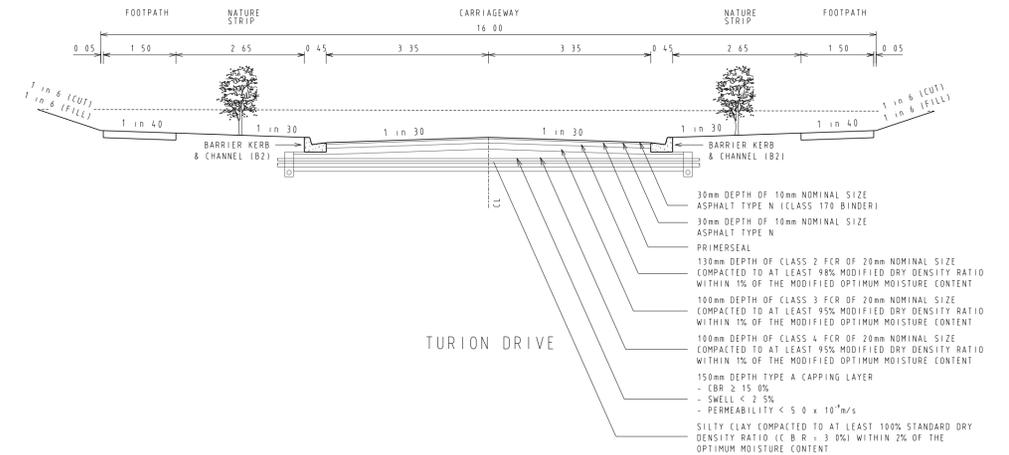
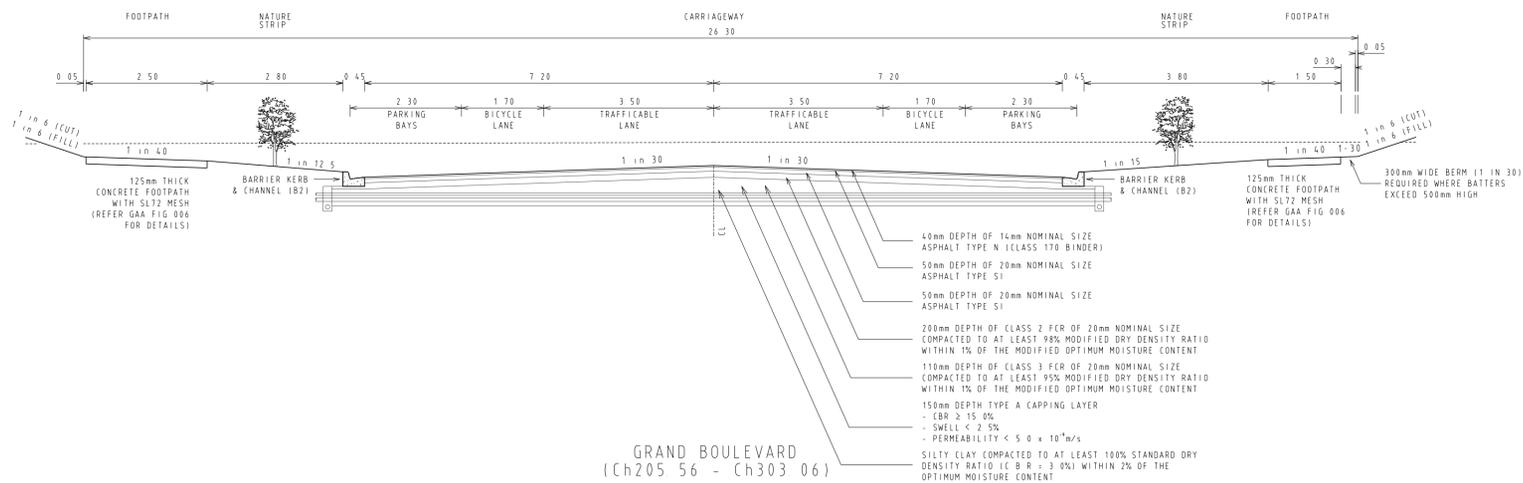
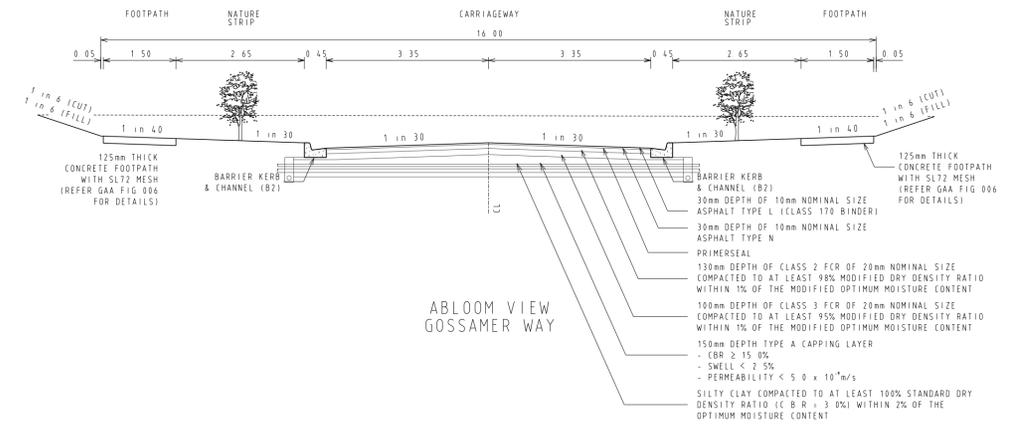
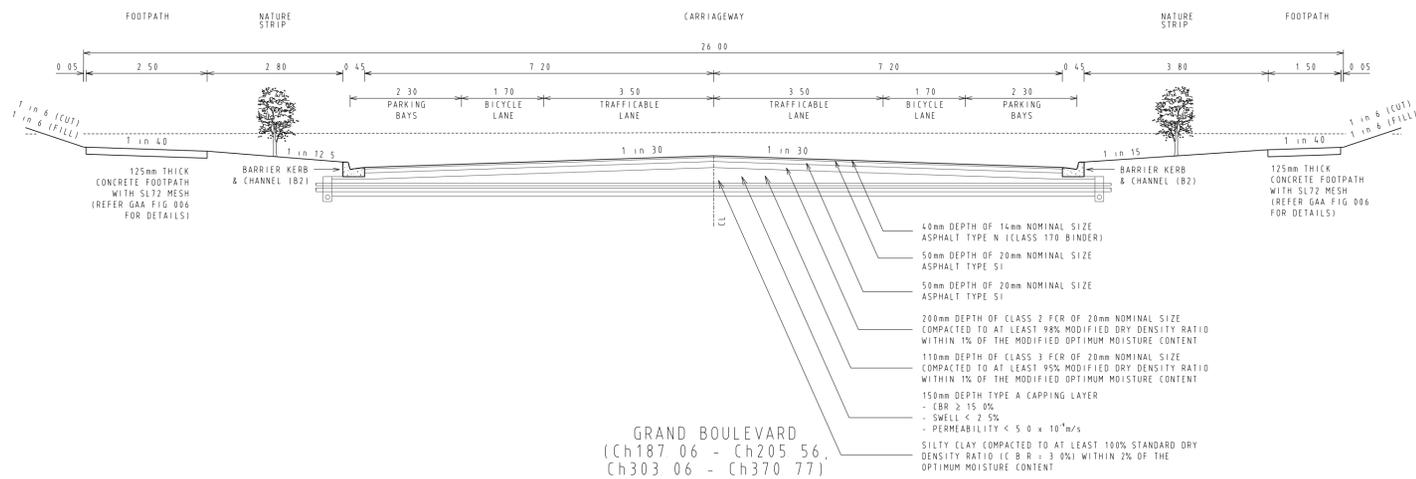
SITE SPECIFIC NOTES

- 23 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
- 24 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 600mm DIA ARE TO BE RUBBER RING JOINTED. INTERLOCKING / FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 600mm DIA
- 25 WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY
- 26 ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE
- 27 ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE
- 28 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
- 29 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
- 30 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
- 31 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
- 32 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 E S B & N R E). MARKINGS TO BE VIA BLUE PAVEMENT MARKER AND A (RED TOPPED) WHITE POST
- 33 AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH COUNCIL STANDARD DRAWINGS
- 34 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
- 35 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 STANDARD DRAWING SD408
- 36 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
- 37 ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND TO COMPLY WITH THE REQUIREMENTS OF A S 1743 -2001
- 38 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
- 39 100mm HOUSE DRAIN CONNECTIONS TO BE LAID AT AN OFFSET OF 5.0m FROM THE LOW SIDE TITLE BOUNDARY AND PROPERTY INLETS 1.0m FROM THE LOW CORNER OF THE LOT UNLESS OTHERWISE SHOWN
- 40 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

- 1 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
- 2 THE CONTRACTOR SHALL BE RESPONSIBLE FOR APPROPRIATE SILTATION CONTROL DURING THE CONSTRUCTION AND MAINTENANCE PERIODS
- 3 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
- 4 ALL SERVICES TRENCHES UNDER PAVEMENT WORKS ARE TO BE BACKFILLED WITH FCR AS SPECIFIED
- 5 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
- 6 AG DRAIN TO BE CONSTRUCTED BEHIND ALL KERB AND CHANNEL
- 7 ALL DRAINAGE PIPES GREATER THAN 150mm TO BE R R J CLASS 2 (UNO)
- 8 ACCESS TO EXISTING RESIDENCE TO BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION
- 9 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
- 10 APPROPRIATE INSPECTIONS SHALL BE ORGANISED WITH HUME CITY COUNCIL'S COUNCIL WORKS SUPERVISOR
- 11 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
- 12 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND BACKFILLING OF TRENCHING FOR RETICULATION ELECTRICITY AND COMMUNICATION CABLES, AND THE REMOVAL OF EXCESS SPOIL
- 13 MINIMUM FALL ON ALL LOTS TO BE 1 IN 150 LONGITUDINALLY
- 14 PAVEMENT DEPTH TO BE MODIFIED AS DIRECTED BY HUME CITY COUNCIL
- 15 USE OF ANY SOFT RIPPED ROCK IN ROAD PAVEMENT IS TO CONFORM TO SPECIFICATIONS FOR RIPPED ROCK
- 16 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
- 17 NO CUT OR FILL EXTENDS INTO BUILDING ENVELOPES, EXCEPT WHERE SHOWN
- 18 THE CONTRACTOR SHALL CONTACT JEMENA'S JOHN HEMSLEY (03) 93512214 FOR THE COORDINATION OF ELECTRICAL WORKS, AT LEAST 28 DAYS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION OF ELECTRICAL WORKS
- 19 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
- 20 TELSTRA AND ELECTRICITY CABLES ARE TO BE PLACED IN A SHARED TRENCH
- 21 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
- 22 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
- 23 INVERT LEVEL OF PROPERTY INLETS TO BE MINIMUM OF 500mm BELOW FINISHED SURFACE LEVELS AS PER HUME CITY COUNCIL STANDARDS
- 24 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
- 25 STREET SIGNS ARE TO BE TO CURRENT HUME CITY COUNCIL STANDARD'S, INCLUDING PROVISION OF LOGO
- 26 REFER TO SHEET 4, 5 & 6 FOR PSM LOCATIONS
- 27 CONDUIT LOCATIONS AND HOUSE DRAIN LOCATIONS ARE TO BE MARKED BY STAMP ON ALL PERMANENT CONCRETE WORKS IN ACCORDANCE WITH HUME CITY COUNCIL STANDARDS
- 28 ALL PIT LIDS ARE TO BE TO CURRENT HUME CITY COUNCIL STANDARDS
- 29 ALL VEHICLE CROSSINGS SHOWN ARE INDICATIVE ONLY. VEHICLE CROSSING ARE TO BE CONSTRUCTED AS PER HUME CITY COUNCIL STANDARDS
- 30 TACTILE INDICATORS TO BE PROVIDED AT ALL PRAM CROSSINGS TO HUME CITY COUNCIL STANDARD'S AND IN ACCORDANCE WITH AUSTRALIAN STANDARD AS1428.4
- 31 PEDESTRIAN CROSSINGS THROUGH ALL SPLITTER ISLAND TO BE AT PAVEMENT LEVEL
- 32 ALL PIT FLOORS WITH LESS THAN 50MM DROP TO BE SHAPED TO ACCOMODATE DROP THROUGH PITS. NO ALLOWANCE FOR TOLERANCE HAS BEEN MADE WITH THE IL'S PROVIDED. ALL PITS TO BE CONSTRUCTED TO HUME CITY COUNCIL STANDARDS
- 33 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

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MORNINGTON 5 Main Street, Phone:031 5975 4644 Fax:031 5975 3916	<ul style="list-style-type: none"> • TOWN PLANNERS • CIVIL ENGINEERS • SURVEYORS 		HUME CITY COUNCIL VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM
			HUME CITY COUNCIL & SITE SPECIFIC NOTES
			PLAN NUMBER 36182/7B R02
			REVISION E
			SHEET 2 OF 27



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• TOWN PLANNERS
• CIVIL ENGINEERS
• SURVEYORS

• Project Managers
• Urban Designers
• Structural Engineers

WATSONS
URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

TYPICAL PAVEMENT CROSS SECTIONS

PLAN NUMBER
36182/7B
R03

REVISION
E

SHEET 3 OF 27

TEMPORARY 150mm DEPTH CLASS 3 CRUSHED ROCK TURNING CIRCLE WITH 10.5m RADIUS FOR TEMPORARY TURNING OF SERVICE VEHICLES
PROVIDE TEMPORARY POST AND WIRE FENCE AROUND TURNING AREA TO PREVENT ACCESS

CONCRETE EDGE STRIP AND "NO ROAD" SIGN
TEMPORARY AG AT END STRIPS

CONCRETE EDGE STRIP AND "NO ROAD" SIGN
TEMPORARY AG AT END STRIPS

TEMPORARY 150mm DEPTH CLASS 3 CRUSHED ROCK TURNING CIRCLE WITH 10.5m RADIUS FOR TEMPORARY TURNING OF SERVICE VEHICLES
PROVIDE TEMPORARY POST AND WIRE FENCE AROUND TURNING AREA TO PREVENT ACCESS

TEMPORARY TURNING AREA TO BE GRADED SOUTH TO ENSURE OVERLAND FLOWS SPREAD AWAY FROM THE STAGE.

CONCRETE EDGE STRIP AND "NO ROAD" SIGN
TEMPORARY AG AT END STRIPS
TEMPORARY 150mm DEPTH CLASS 3 CRUSHED ROCK TURNING CIRCLE WITH 10.5m RADIUS FOR TEMPORARY TURNING OF SERVICE VEHICLES
PROVIDE TEMPORARY POST AND WIRE FENCE AROUND TURNING AREA TO PREVENT ACCESS

ROCK BEACHING AS EROSION PROTECTION

LEGEND

	Kerb & Channel		Gas Main
	Footpath, Vehicular Crossing Layback & House Drain		Water Main
	Proposed Underground Drainage, Pit & Property Inlet		Optic Fibre Underground Cable
	Existing Underground Drainage, Pit & Property Inlet		Electrical Underground Cable & Pit
	Drainage Pit Number		Telstra Underground Cable
	Design Surface Level - Allotments		Sewer Main, Access Chamber & Inspection Shaft
	Existing Surface Level - Allotments		Existing Pole (with stay)
	Top of Batter Level - Allotments (Front)		Street Name Sign
	Kerb Level		Existing Tree or Plantation
	Pavement Level		P.S.M. or Survey Mark
	Proposed Cut Areas - Allotments		Lot Slope Direction
	Proposed Fill Areas - Allotments		T.B.M with Description
	Service Conduits	NOTE: 1. Symbols are proposed construction (UNO) 2. Existing construction shown with broken lines	

DETAIL PLAN



SERVICE OFFSETS

SERVICE OFFSETS (m) from building line (UNLESS NOTED OTHERWISE)

STREET NAME	GAS	RECYCLED WATER	WATER	ELECTRICITY	OPTIC FIBRE	SEWER
GRAND BOULEVARD	2.95 N	3.45 N	4.05 N	3.175 S	2.775 S	-
ABLOOM VIEW	2.05 N	2.55 N	3.05 N	2.60 S	1.775 S	-
TURION DRIVE	2.05 N	2.55 N	3.05 N	2.60 S	1.775 S	-
GOSSAMER WAY	2.05 W	2.55 W	3.05 W	2.60 E	1.775 E	1.00 W

Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

WARNING
BEWARE OF UNDERGROUND SERVICES
THE LOCATIONS 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

WARNING
OVERHEAD ELECTRICITY

VERSION DETAILS						SCALE:	AS SHOWN
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014
E	16/12/14	ALL		AS CONSTRUCTED	ZWL	LEVEL DATA:	L1topo.dgn
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC	DRAWN:	C.M.B. DATE: MAR 2014
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
FILENAME: k:\36182\36182_7B\dgn\R04.dgn						AUTHORISED:	A.S.C. DATE: MAR 2014

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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

DETAIL PLAN &
SERVICE OFFSET TABLE

PLAN NUMBER
36182/7B
R04

REVISION
E

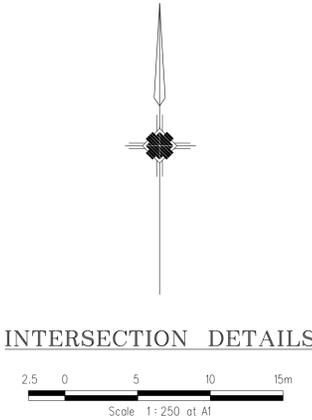
SHEET 4 OF 27

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

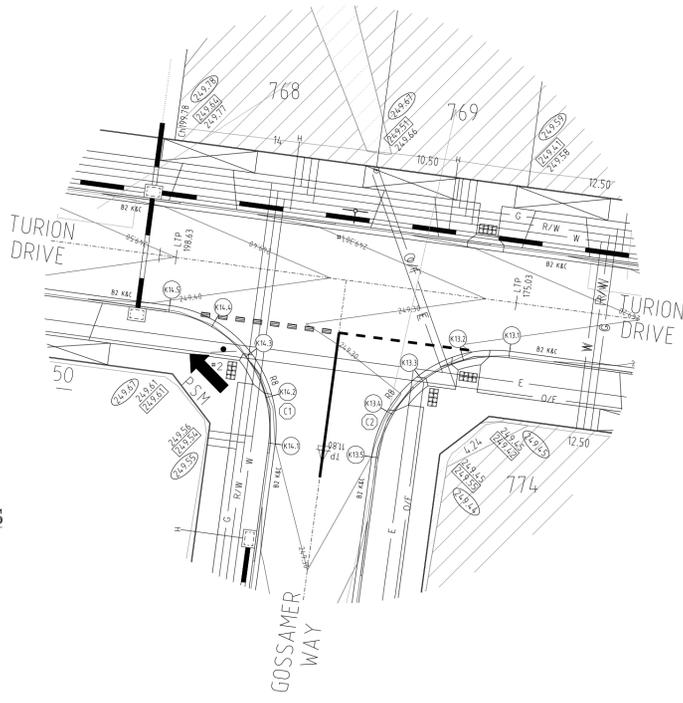
WARNING
OVERHEAD ELECTRICITY

STOP
Major Cables exist in the area, if your activities are within Telstra encroachment distances (see duty of care) contact 03 9632 9961 at least 2 business days before starting activity.

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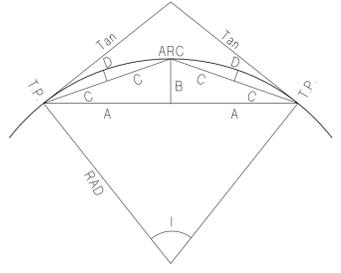


INTERSECTION DETAILS



PLAN I.D.	PICTORIAL	CODE No.
-----------	-----------	----------

- #1 STREET SIGN
- #2 R1-2A



CURVE SETOUT TABLE

Curve	Radius	l	o	i	"	Arc	Tan	A	B	C	D
1	8	90.00	89	59	51	12.566	8.00	5.66	2.34	3.06	0.61
2	8	90.00	89	59	51	12.566	8.00	5.66	2.34	3.06	0.61

KERB RETURN K13

POINT NO.	EASTING	NORTHING	RL
K13.1	3665.752	9744.047	249.169
K13.2	3662.463	9743.839	249.21
K13.3	3659.502	9742.388	249.273
K13.4	3657.323	9739.914	249.316
K13.5	3656.255	9736.795	249.299

NOTE: SETOUT IS TO LIP OF KERB

Vertical Grade
VC length

	249.122	249.169	249.210	249.273	249.316	249.299	249.228
DESIGN CENTRELINE							
EXISTING SURFACE		249.48	249.50	249.51	249.50	249.48	
CHAINAGES	-5.00	0.00	3.32	6.64	9.96	13.27	18.27

K13 LONGITUDINAL SECTION

KERB RETURN K14

POINT NO.	EASTING	NORTHING	RL
K14.1	3649.615	9737.686	249.299
K14.2	3649.407	9740.975	249.321
K14.3	3647.956	9743.936	249.344
K14.4	3645.483	9746.116	249.366
K14.5	3642.363	9747.183	249.388

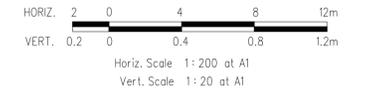
NOTE: SETOUT IS TO LIP OF KERB

Vertical Grade
VC length

	249.228	249.299	249.321	249.344	249.366	249.388	249.388	249.434
DESIGN CENTRELINE								
EXISTING SURFACE		249.52	249.55	249.59	249.63	249.66	249.388	
CHAINAGES	-5.00	0.00	3.32	6.64	9.96	13.27	13.27	18.27

K14 LONGITUDINAL SECTION

LONGITUDINAL SECTIONS



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HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R 05
INTERSECTION DETAIL, LIP OF KERB PROFILES & CURVE SETOUT TABLE		REVISION E
		SHEET 5 OF 27

Horizontal Geometry
Vertical Grade
VC length

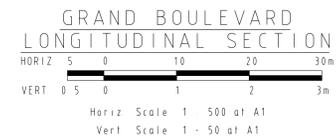
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CHAINAGES	EXISTING SURFACE	DESIGN CENTRELINE
80.00	248.83	249.095
87.71	248.97	249.228
88.74	248.98	249.246
89.71	249.00	249.263
91.16	249.03	249.288
98.13	249.11	249.407
100.00	249.13	249.440
109.15	249.20	249.597
110.60	249.21	249.622
111.57	249.22	249.639
112.60	249.22	249.656
113.20	249.23	249.667
116.30	249.25	249.720
116.95	249.26	249.731
117.33	249.26	249.738
118.30	249.27	249.753
119.75	249.28	249.775
120.00	249.28	249.778
130.60	249.38	249.849
131.95	249.40	249.848
136.80	249.45	249.824
137.83	249.46	249.816
138.80	249.47	249.806
140.00	249.48	249.793
140.25	249.48	249.790
140.96	249.49	249.781
142.41	249.51	249.761
143.39	249.52	249.746
144.41	249.53	249.728
146.95	249.56	249.680
147.23	249.56	249.674
149.06	249.58	249.639
160.00	249.74	249.512
161.86	249.77	249.506
162.23	249.77	249.505
163.81	249.80	249.503
165.31	249.82	249.505
168.01	249.86	249.514
171.45	249.91	249.540
171.46	249.91	249.540
177.23	249.99	249.615
177.32	249.99	249.617
179.06	250.01	249.646
180.00	250.02	249.661
187.06	250.10	249.768
191.56	250.15	249.831
200.00	250.27	249.935
202.32	250.30	249.961
203.06	250.32	249.969
205.56	250.35	249.995
217.06	250.47	250.096
220.00	250.50	250.116
221.56	250.52	250.127
227.32	250.59	250.159
231.06	250.63	250.178
234.06	250.66	250.193
240.00	250.71	250.223
246.56	250.76	250.255
247.06	250.76	250.258
253.56	250.78	250.290
260.00	250.80	250.323
260.56	250.80	250.325
265.06	250.82	250.348
273.06	250.85	250.388
280.00	250.90	250.423
281.06	250.91	250.428
287.06	250.95	250.458
295.06	250.93	250.498
300.00	250.91	250.523
303.06	250.90	250.538
309.06	250.89	250.568
313.56	250.89	250.590
320.00	250.91	250.623
325.06	250.91	250.648
327.56	250.92	250.660
340.00	250.96	250.723
341.06	250.97	250.728
350.00	251.05	250.773

Horizontal Geometry
Vertical Grade
VC length

Datum R.L.246

CHAINAGES	EXISTING SURFACE	DESIGN CENTRELINE
325.00	250.91	250.648
325.06	250.91	250.648
327.56	250.92	250.660
340.00	250.96	250.723
340.06	250.97	250.723
341.06	250.97	250.728
354.06	251.09	250.793
358.06	251.13	250.813
360.00	251.14	250.823
367.32	251.21	250.859
370.06	251.22	250.873
370.77	251.22	250.876
380.00	251.27	250.923
385.43	251.29	250.950
400.00	251.38	251.046
400.43	251.39	251.050
415.43	251.53	251.199
415.49	251.53	251.200



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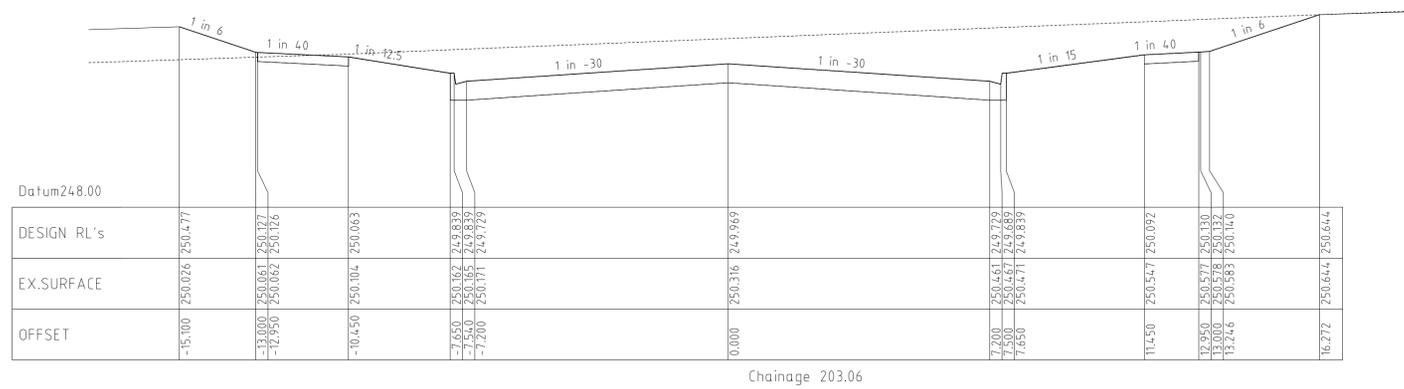
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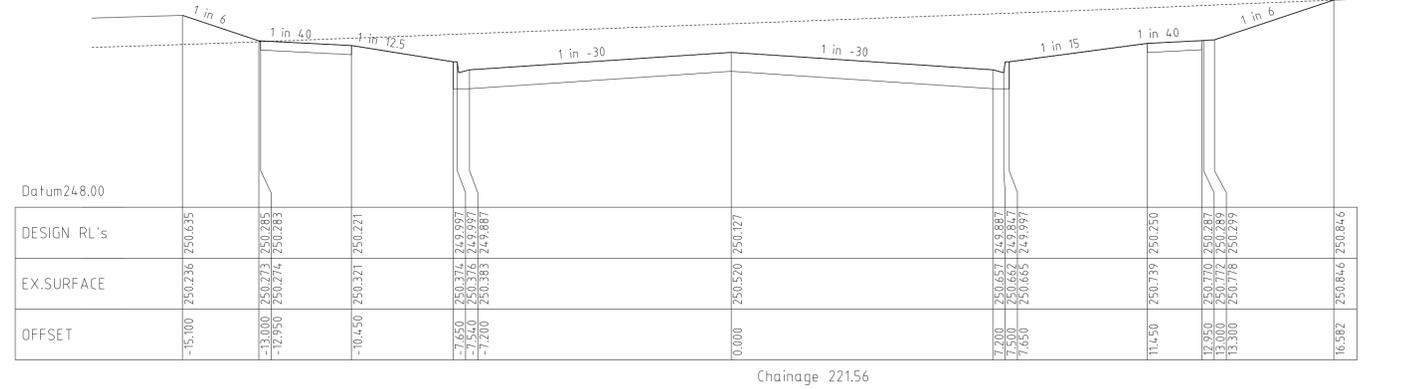
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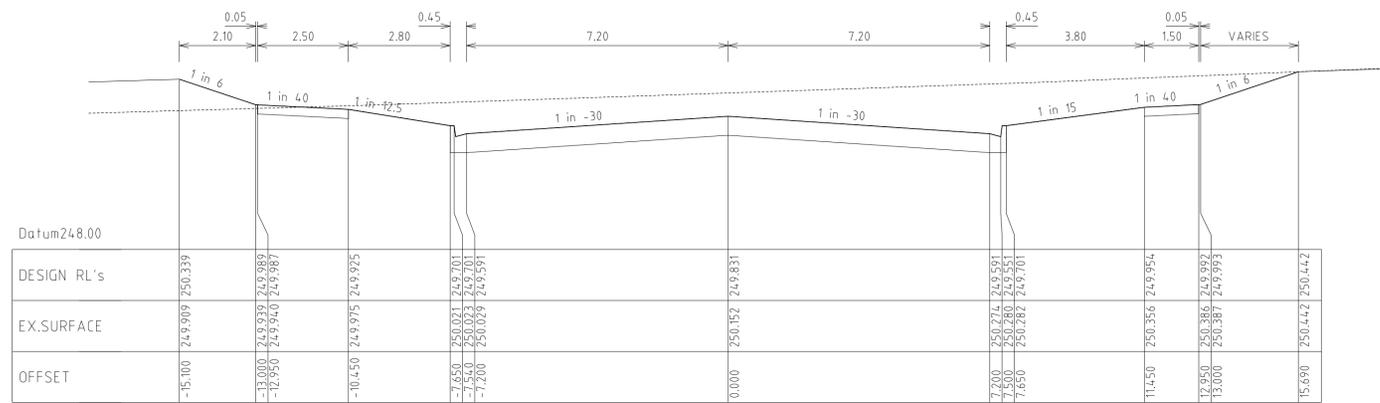
HUME CITY COUNCIL	PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM	36182/7B R06
GRAND BOULEVARD LONGITUDINAL SECTION	REVISION E
	SHEET 6 OF 27



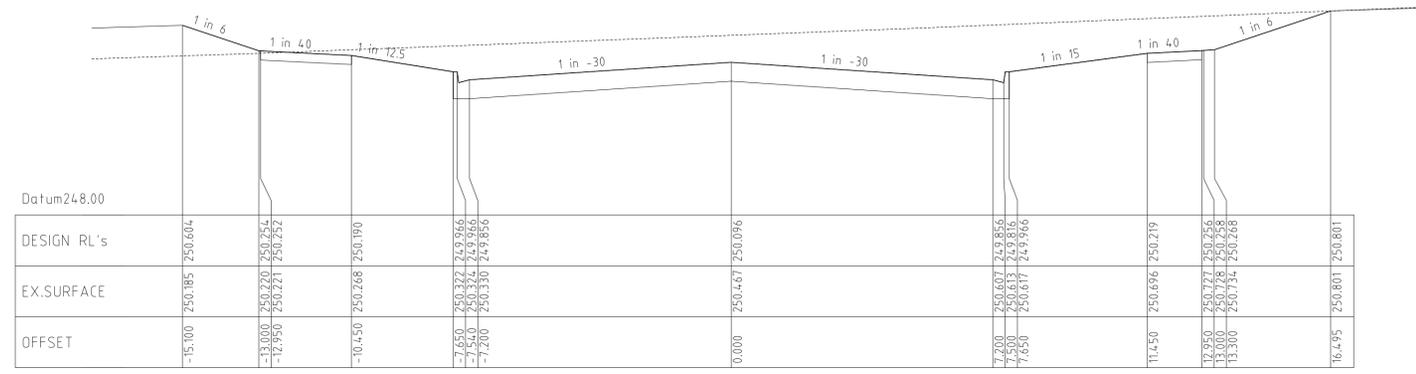
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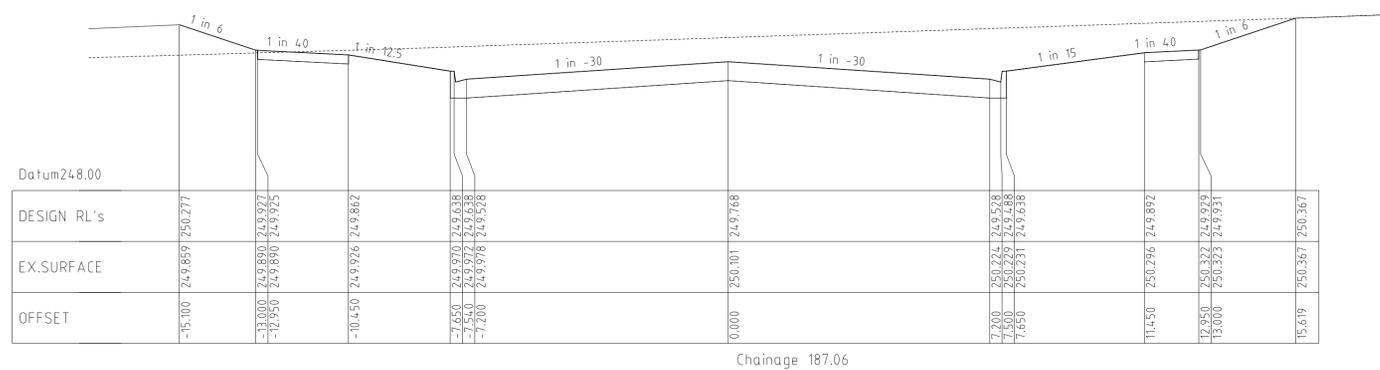
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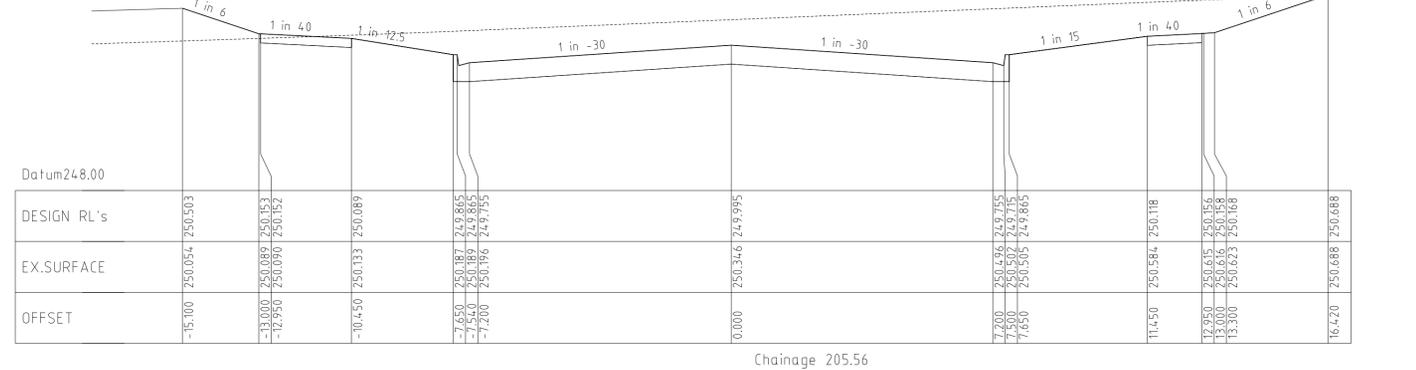
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Chainage 217.06



Chainage 187.06



Chainage 205.56

GRAND BOULEVARD
CROSS SECTIONS



VERSION DETAILS						SCALE:	AS SHOWN
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E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	L1opo.dgn
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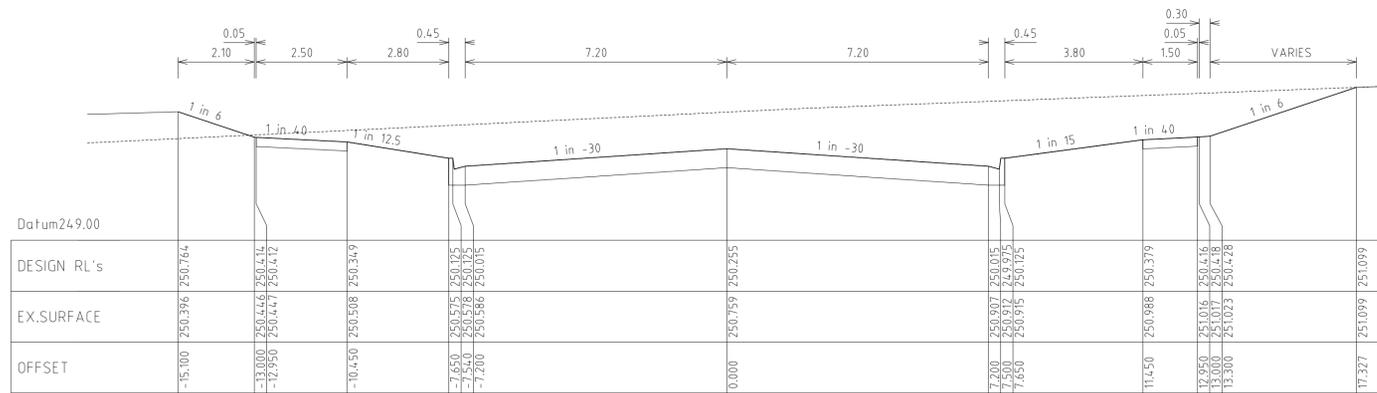
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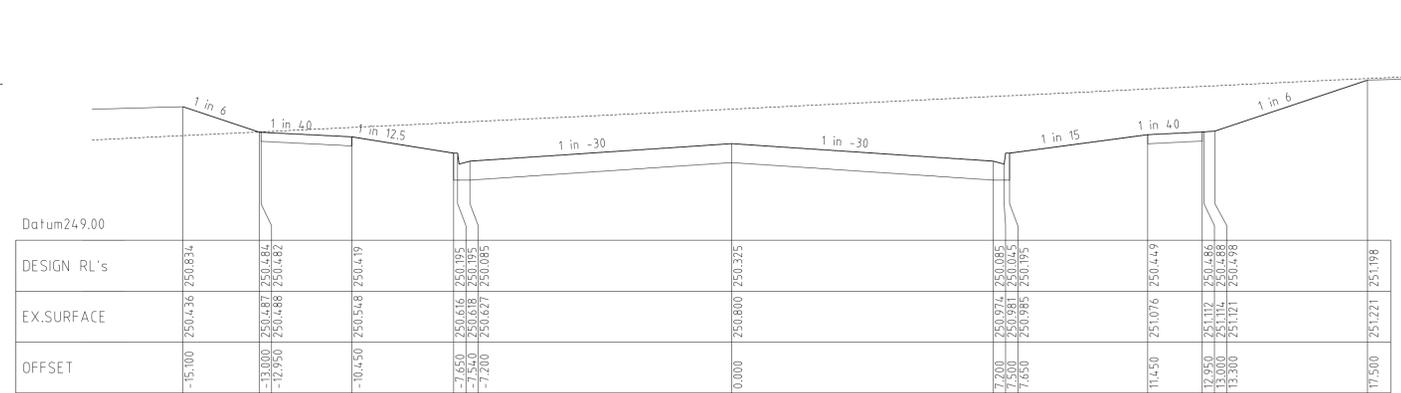
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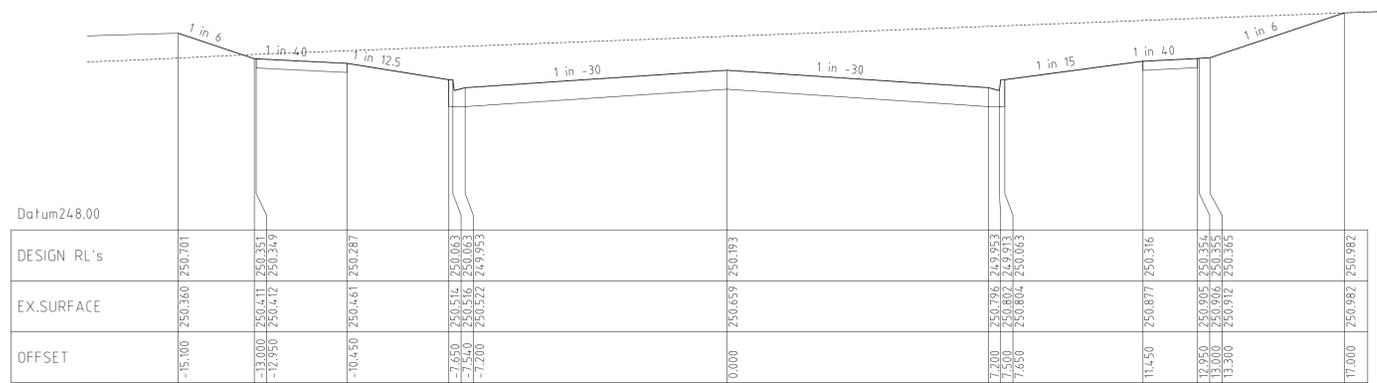
HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R07
GRAND BOULEVARD CROSS SECTIONS		REVISION E
		SHEET 7 OF 27



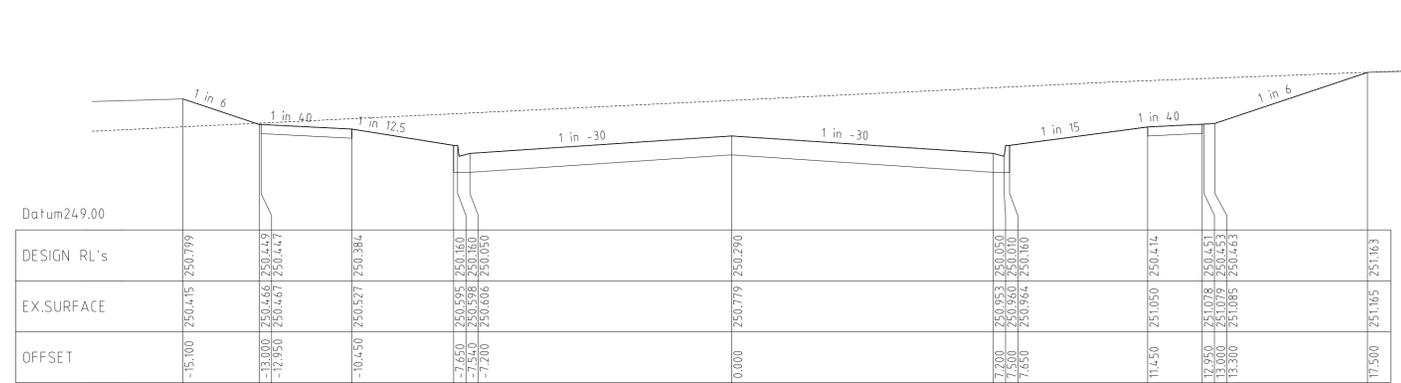
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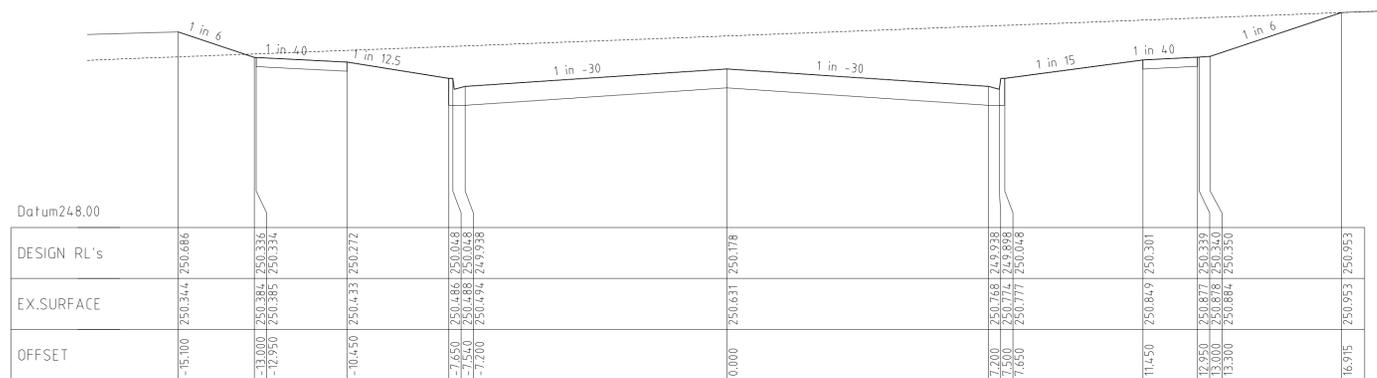
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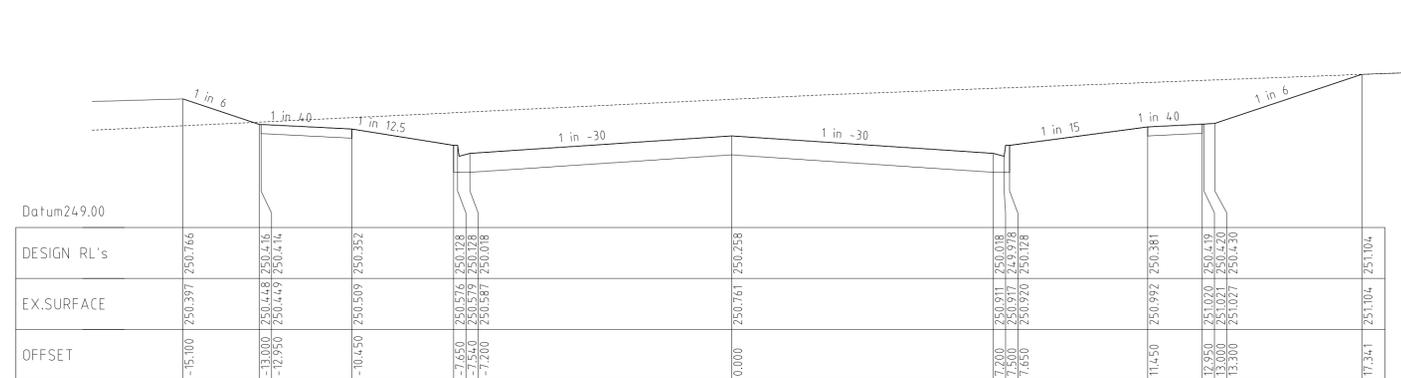
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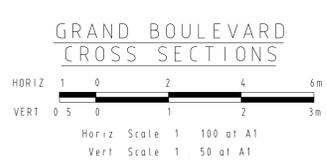
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Chainage 231.06



Chainage 247.06



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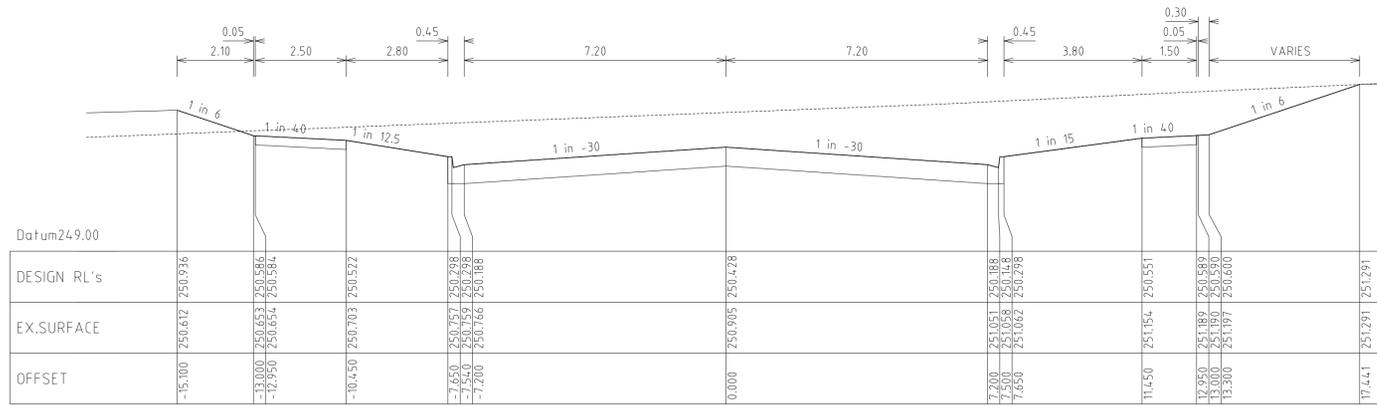
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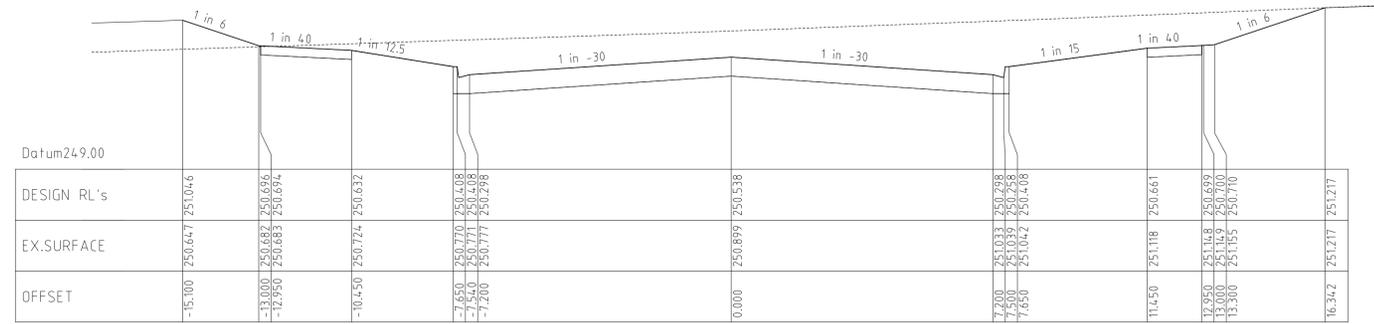
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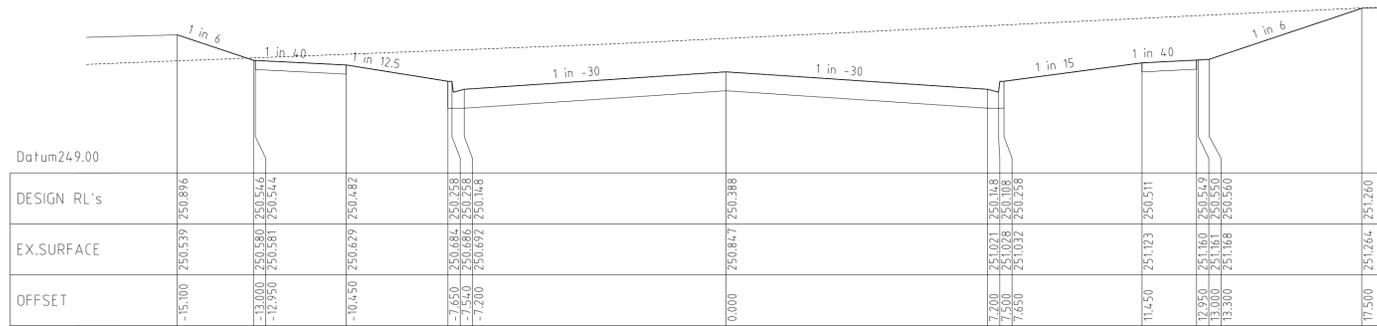
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VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R08
GRAND BOULEVARD CROSS SECTIONS		REVISION E
		SHEET 8 OF 27



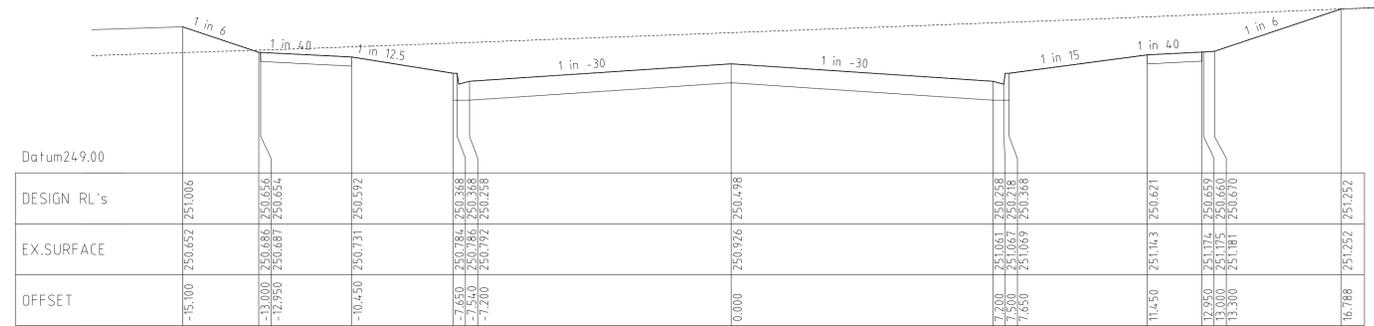
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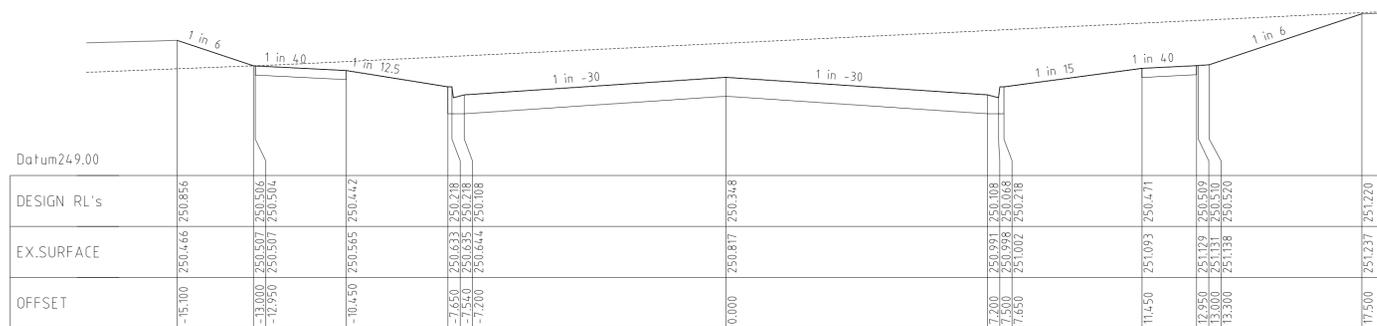
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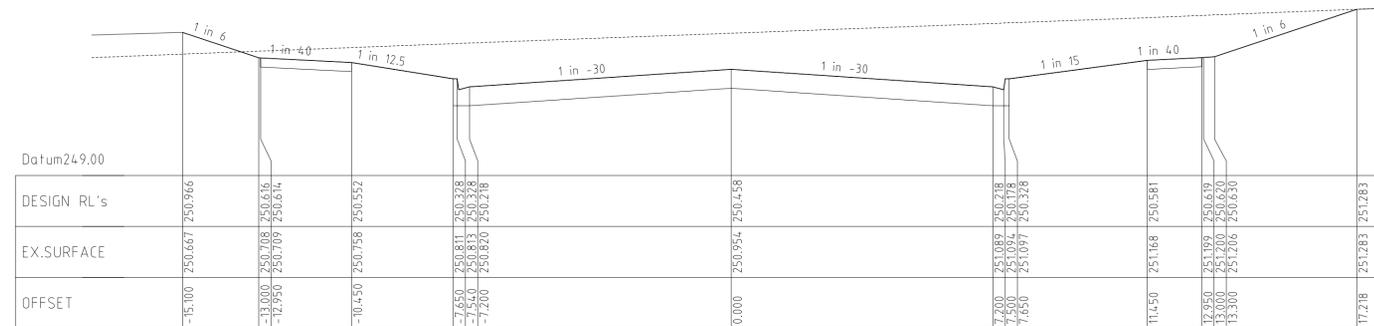
Chainage 273.06



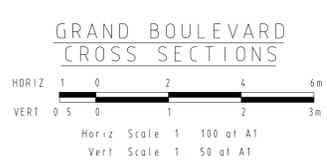
Chainage 295.06



Chainage 265.06



Chainage 287.06



VERSION DETAILS					
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC

SCALE: AS SHOWN
DATE PRINTED: 16/12/2014
LEVEL DATA: L10po.dgn
DATUM: AHD
PROJECT No.: 36182/7B
DRAWN: C.M.B. DATE: MAR 2014
DESIGNED: Z.W.L. DATE: MAR 2014
AUTHORISED: A.S.C. DATE: MAR 2014

MORNINGTON
5 Main Street,
Phone:031 5975 4644
Fax:031 5975 3916

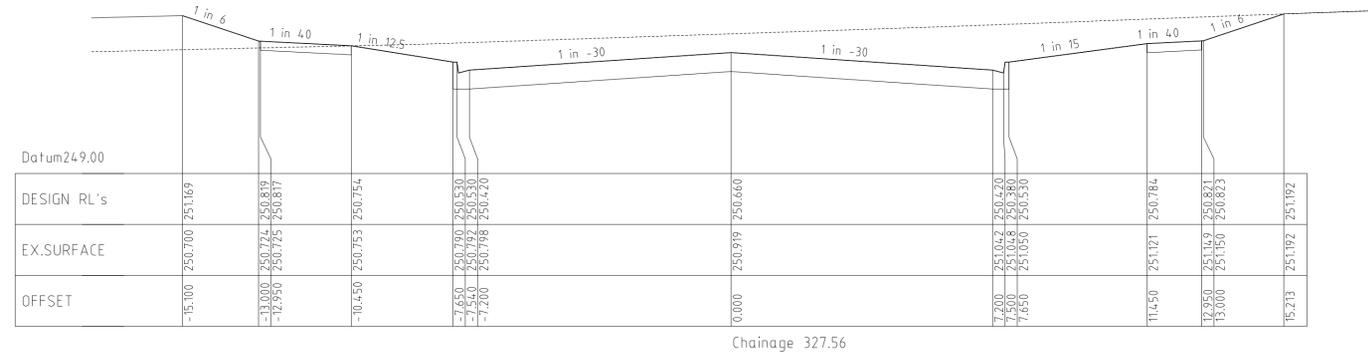
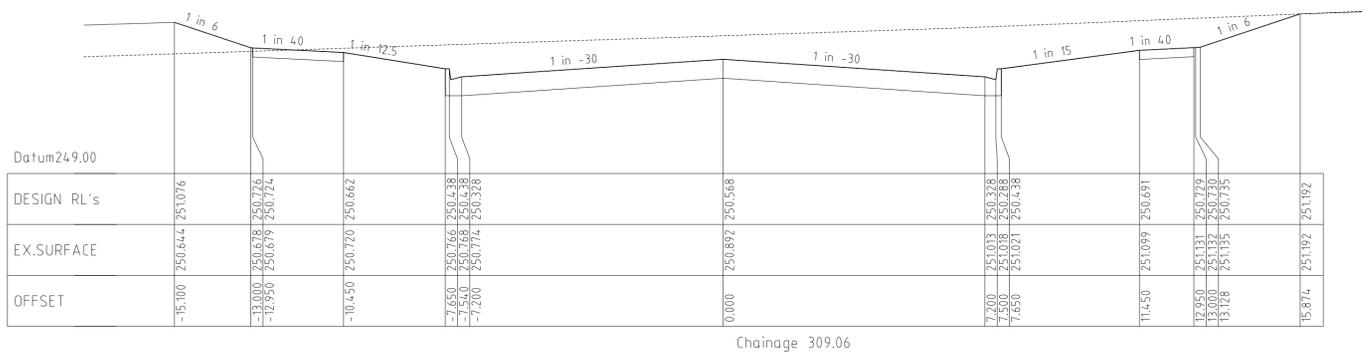
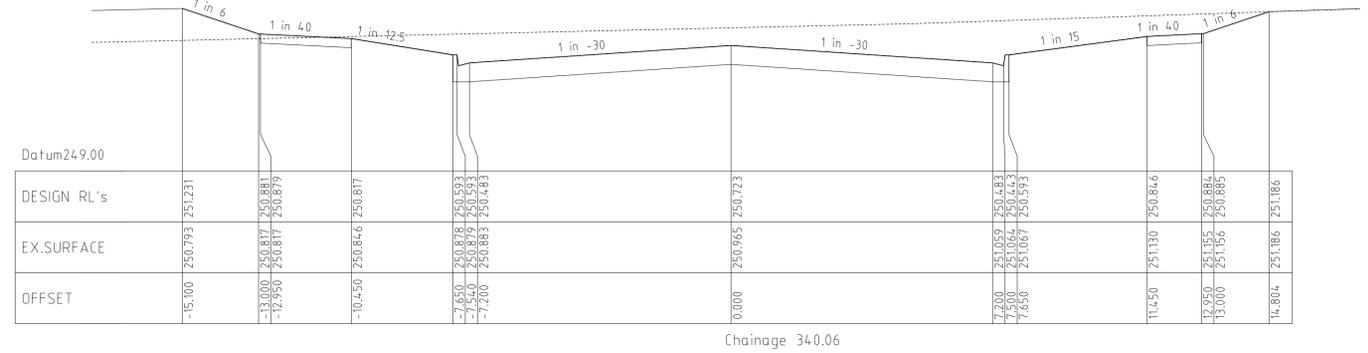
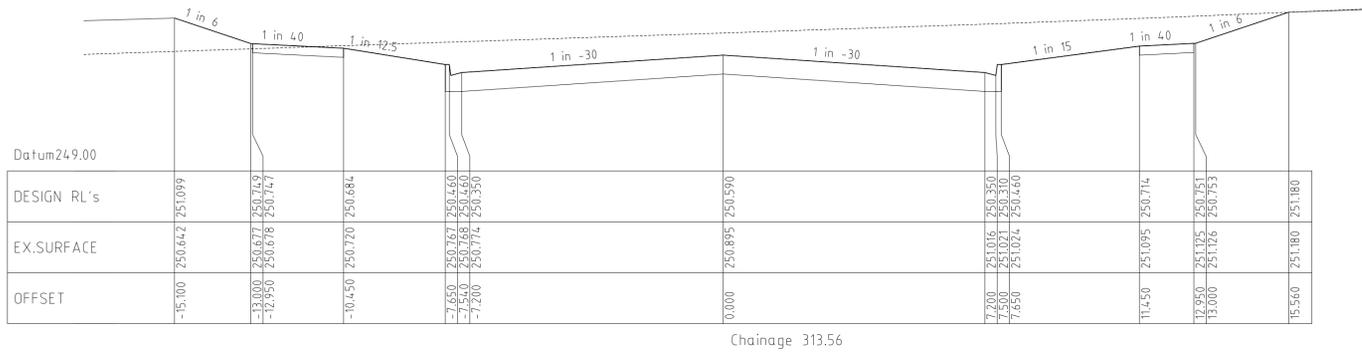
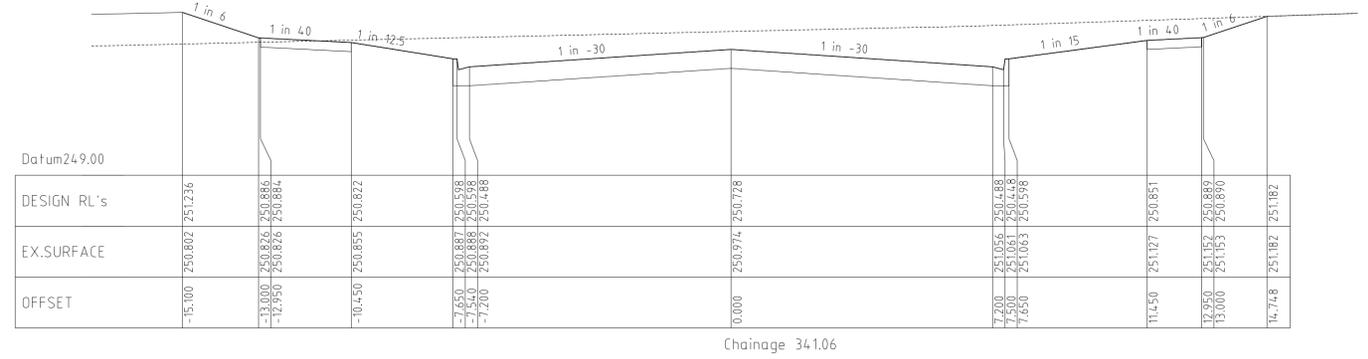
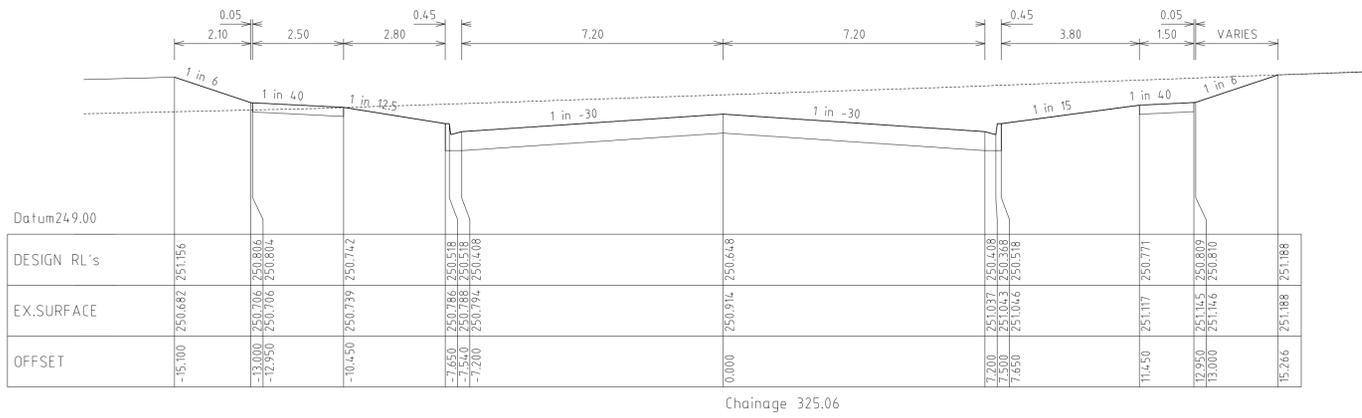
MELBOURNE
The Melbourne, Suite 2
250 St. Kilda Rd.
Phone:031 9697 8000
Fax:031 9697 8099

• TOWN PLANNERS
• CIVIL ENGINEERS
• SURVEYORS

• Project Managers
• Urban Designers
• Structural Engineers

WATSONS
URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
ABN 47 637 589 613

HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R09
GRAND BOULEVARD CROSS SECTIONS		REVISION E
		SHEET 9 OF 27



GRAND BOULEVARD
CROSS SECTIONS



VERSION DETAILS					
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC

SCALE: AS SHOWN
DATE PRINTED: 16/12/2014
LEVEL DATA: Ltopo.dgn
DATUM: AHD
PROJECT No.: 36182/7B
DRAWN: C.M.B. DATE: MAR 2014
DESIGNED: Z.W.L. DATE: MAR 2014
AUTHORISED: A.S.C. DATE: MAR 2014

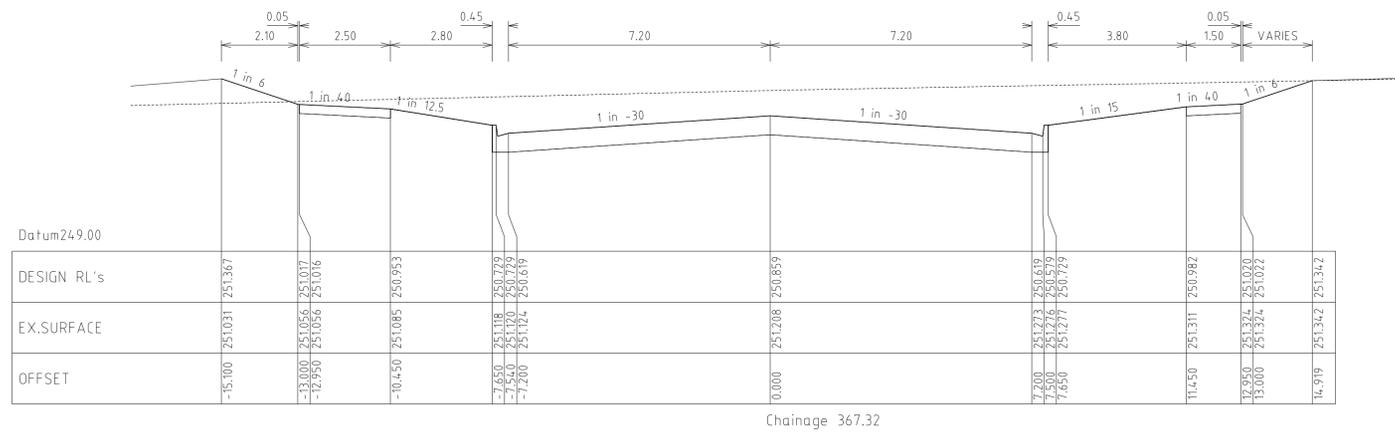
MORNINGTON
5 Main Street,
Phone: (03) 5975 4644
Fax: (03) 5975 3916

MELBOURNE
The Melbourne, Suite 2
250 St. Kilda Rd.
Phone: (03) 9697 8000
Fax: (03) 9697 8099

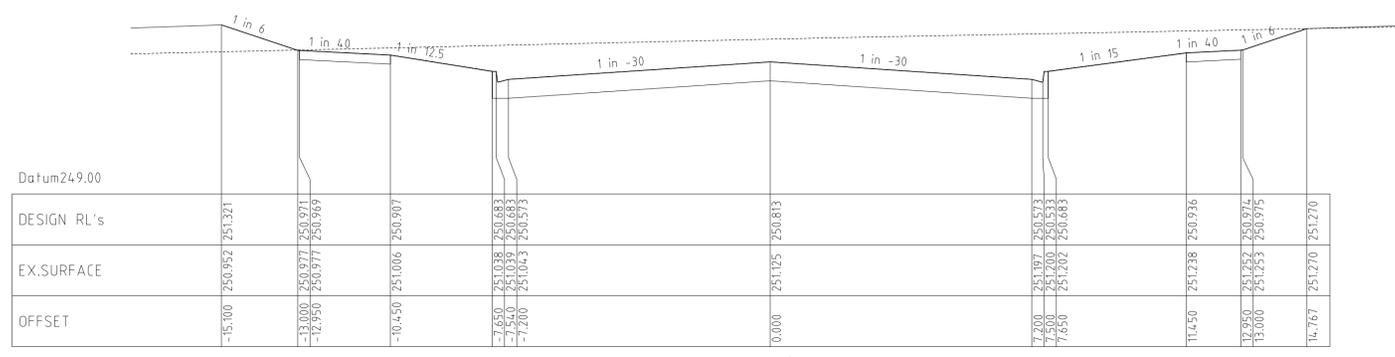
• TOWN PLANNERS
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• SURVEYORS
• Project Managers
• Urban Designers
• Structural Engineers

WATSONS
URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
ABN 47 637 589 613

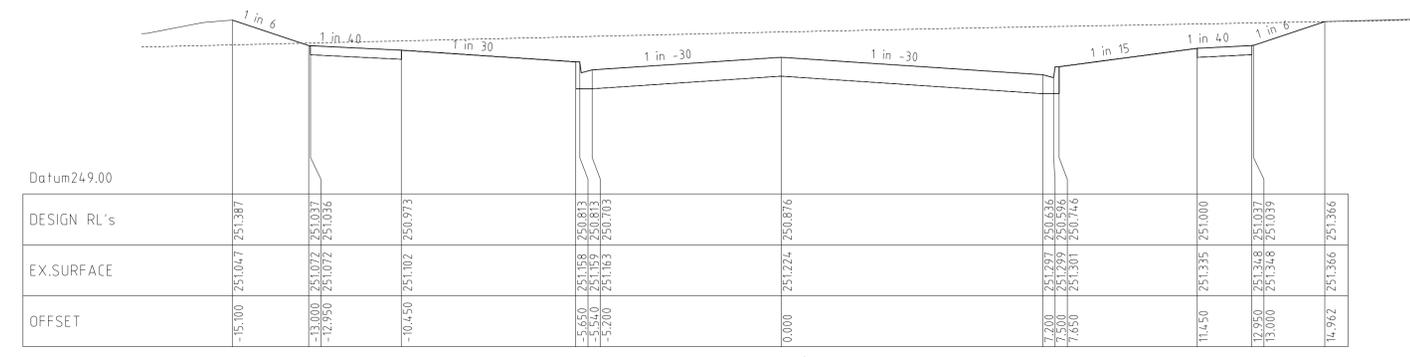
HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R 10
GRAND BOULEVARD CROSS SECTIONS		REVISION E
		SHEET 10 OF 27



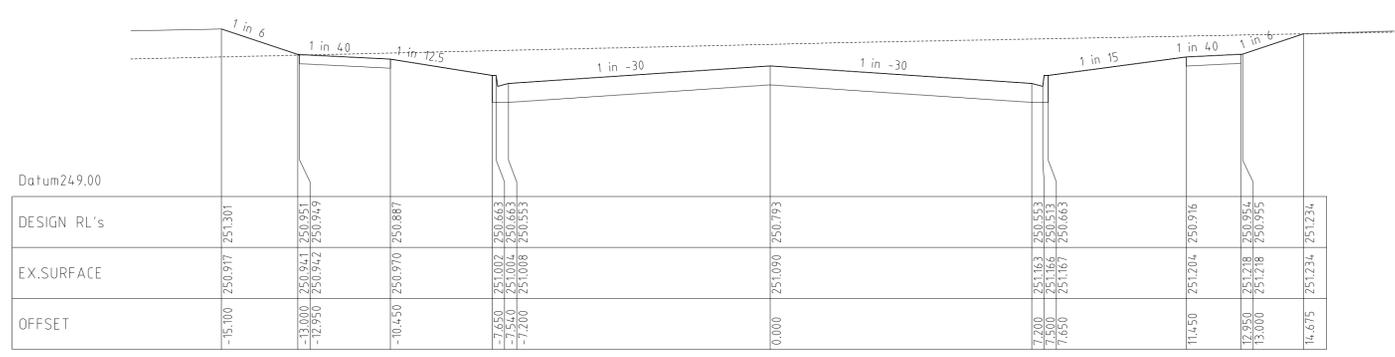
Chainage 367.32



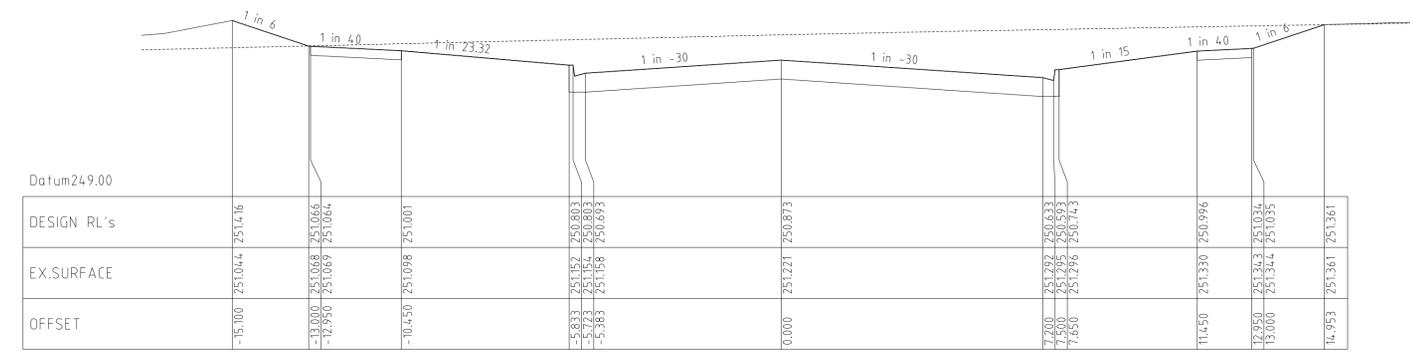
Chainage 358.06



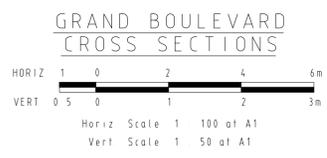
Chainage 370.77



Chainage 354.06



Chainage 370.06



VERSION DETAILS					
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC

SCALE: AS SHOWN
DATE PRINTED: 16/12/2014
LEVEL DATA: L1opo.dgn
DATUM: AHD
PROJECT No.: 36182/7B
DRAWN: C.M.B. DATE: MAR 2014
DESIGNED: Z.W.L. DATE: MAR 2014
AUTHORISED: A.S.C. DATE: MAR 2014

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• Urban Designers
• Structural Engineers

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URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
ABN 47 637 589 613

HUME CITY COUNCIL

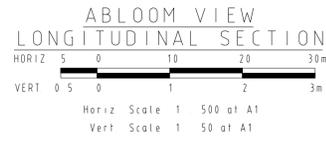
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

GRAND BOULEVARD
CROSS SECTIONS

PLAN NUMBER
**36182/7B
R 11**

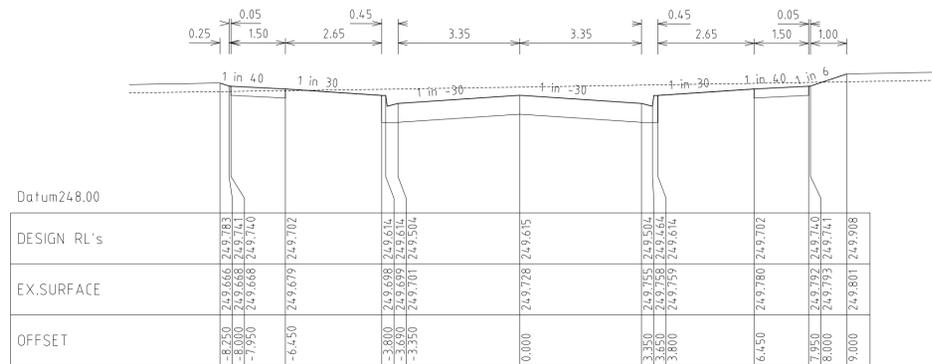
REVISION
E

SHEET 11 OF 27

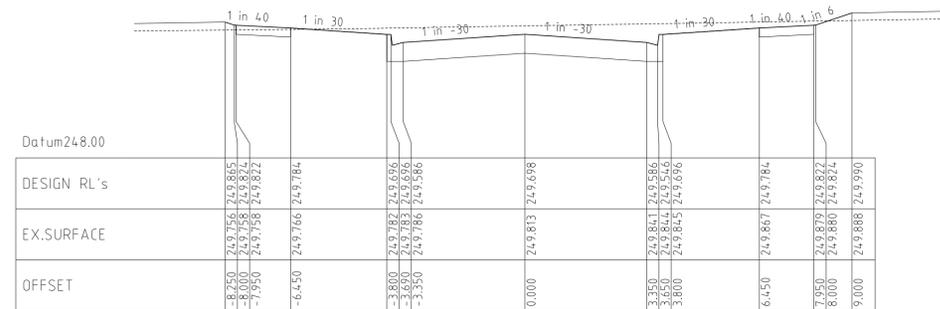


Horizontal Geometry
Vertical Grade
VC length

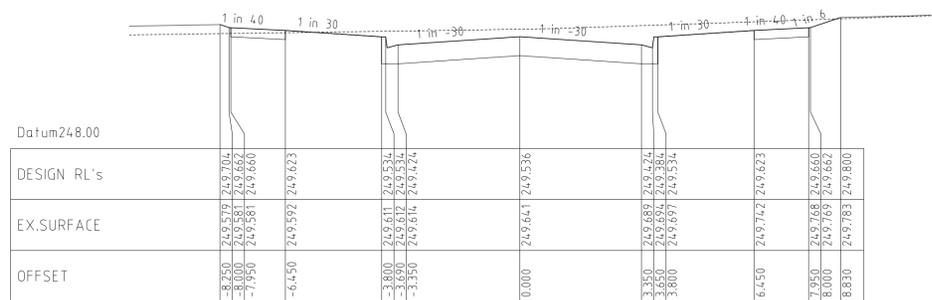
CHAINAGES	DESIGN CENTRELINE	EXISTING SURFACE
0.00	248.550	248.600
11.80	248.664	248.710
20.00	248.743	248.800
29.61	248.835	248.894
30.85	248.847	248.895
37.85	248.912	248.905
40.00	248.932	248.909
43.35	248.962	248.913
45.85	248.984	248.916
55.85	249.068	249.026
58.74	249.091	249.028
60.00	249.101	249.030
66.35	249.150	249.036
69.61	249.174	249.039
72.74	249.197	249.042
78.85	249.239	249.046
80.00	249.247	249.047
85.24	249.282	249.049
91.35	249.320	249.053
97.74	249.358	249.056
100.00	249.370	249.057
101.85	249.381	249.057
109.61	249.421	249.059
109.70	249.422	249.059
111.74	249.432	249.060
115.85	249.454	249.061
120.00	249.477	249.062
127.74	249.523	249.064
129.85	249.536	249.064
134.70	249.567	249.068
140.00	249.603	249.072
141.74	249.615	249.073
142.35	249.620	249.073
152.85	249.698	249.081
154.24	249.709	249.083
159.70	249.752	249.090
160.00	249.755	249.090
165.35	249.798	249.096
170.24	249.838	249.102
175.85	249.884	249.109
180.00	249.918	249.114
182.74	249.941	249.117
188.35	249.986	249.122
196.74	250.055	249.130
200.00	250.082	249.132
201.85	250.097	249.134
220.00	250.245	249.148
226.69	250.300	249.154



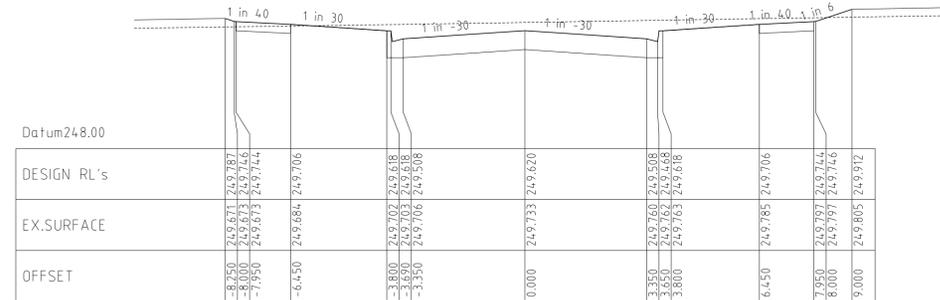
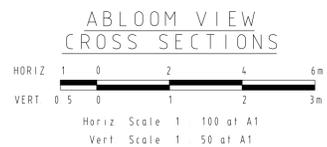
Chainage 141.74



Chainage 152.85



Chainage 129.85



Chainage 142.35

VERSION DETAILS						SCALE:	AS SHOWN		MORNINGTON 5 Main Street, Phone:031 5975 4644 Fax:031 5975 3916		HUME CITY COUNCIL		PLAN NUMBER	
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B	VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R 12
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	Ltopo.dgn	ISSUED FOR CONSTRUCTION	ASC	DRAWN:	C.M.B.	ABLOOM VIEW LONGITUDINAL & CROSS SECTIONS		REVISION E
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD	APPROVED	ASC	DESIGNED:	Z.W.L.	WATSONS URBAN DEVELOPMENT CONSULTANTS & MANAGERS ABN 47 697 8899		SHEET 12 OF 27
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	APPROVED	ASC	DATE:	MAR 2014	PRELIMINARY	ASC	AUTHORISED:	A.S.C.	MELBOURNE The Melbourne, Suite 2 250 St. Kilda Rd. Phone:031 9697 8800 Fax:031 9697 8899		
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC	DATE:	MAR 2014					TOWN PLANNERS CIVIL ENGINEERS SURVEYORS		
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DATE:	MAR 2014					Project Managers Urban Designers Structural Engineers		
FILENAME: k:\36182\36182_7b\dgn\r12.dgn												URBAN DEVELOPMENT CONSULTANTS & MANAGERS ABN 47 697 8899		

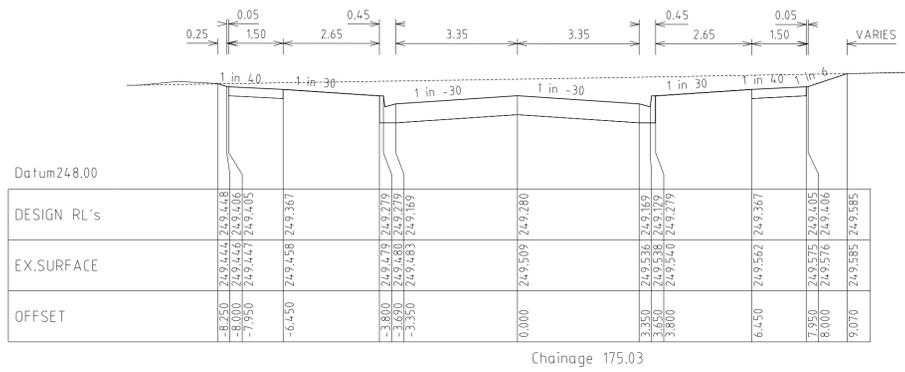
Horizontal Geometry
Vertical Grade
VC length

Datum R.L.243

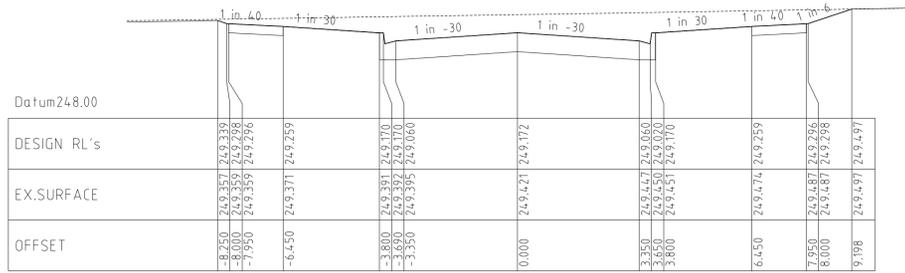
CHAINAGES	EXISTING SURFACE	DESIGN CENTRELINE
40.00	248.12	247.876
53.83	248.27	248.025
54.63	248.27	248.034
56.23	248.29	248.051
60.00	248.31	248.092
60.28	248.31	248.095
66.83	248.36	248.166
70.78	248.39	248.208
80.00	248.53	248.308
80.83	248.54	248.317
83.28	248.58	248.343
91.78	248.69	248.435
93.33	248.71	248.452
100.00	248.78	248.524
100.28	248.78	248.527
103.03	248.80	248.557
114.70	248.96	248.683
120.00	249.03	248.739
126.63	249.12	248.809
133.28	249.18	248.878
138.83	249.23	248.934
139.70	249.23	248.943
140.00	249.24	248.946
141.78	249.25	248.964
152.83	249.34	249.072
160.00	249.40	249.141
162.78	249.42	249.167
163.33	249.42	249.172
164.70	249.43	249.185
175.03	249.51	249.280
180.00	249.55	249.327
198.63	249.69	249.499
199.78	249.70	249.510
200.00	249.70	249.512
210.83	249.79	249.613
220.00	249.90	249.698
230.80	250.02	249.798
240.00	250.15	249.871
246.19	250.25	249.907
255.80	250.35	249.940
260.00	250.35	249.947
263.18	250.34	249.948
264.98	250.33	249.948
280.00	250.21	249.908
280.80	250.20	249.904
300.00	250.04	249.807
320.00	250.03	249.706



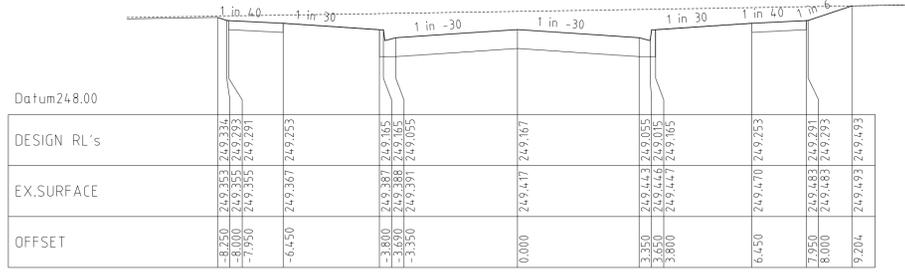
VERSION DETAILS						SCALE: AS SHOWN		HUME CITY COUNCIL		PLAN NUMBER
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	AS SHOWN	VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R14
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	16/12/2014	AS SHOWN	<ul style="list-style-type: none"> TOWN PLANNERS CIVIL ENGINEERS SURVEYORS 		 WATSONS URBAN DEVELOPMENT CONSULTANTS & MANAGERS ABN 47 637 589 613
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC			<ul style="list-style-type: none"> Project Managers Urban Designers Structural Engineers 		
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC			MORNINGTON 5 Main Street, Phone:031 5975 4644 Fax:031 5975 3916		
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC			MELBOURNE The Melbourne, Suite 2 250 St. Kilda Rd. Phone:031 9697 8000 Fax:031 9697 8099		
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC			DRAWN: C.M.B. DATE: MAR 2014 DESIGNED: Z.W.L. DATE: MAR 2014 AUTHORIZED: A.S.C. DATE: MAR 2014		
FILENAME: k:\36182\36182_7b.dgn\r14.dgn								TURION DRIVE LONGITUDINAL SECTION		REVISION E
										SHEET 14 OF 27



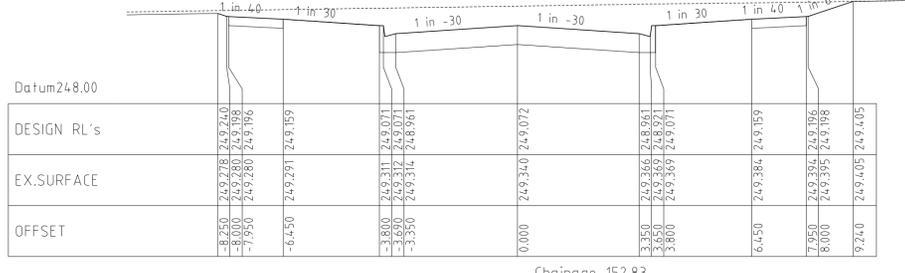
Chainage 175.03



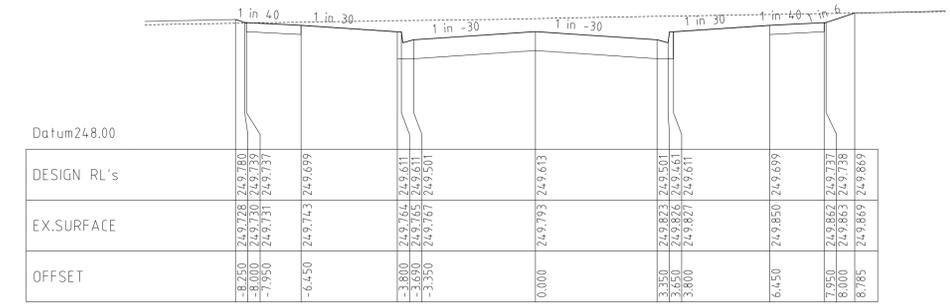
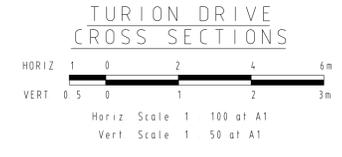
Chainage 163.33



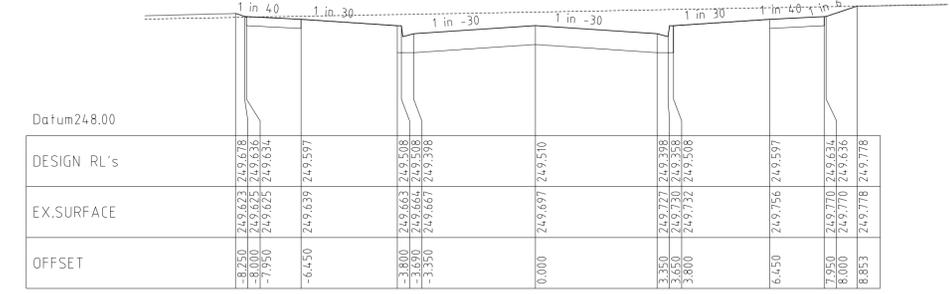
Chainage 162.78



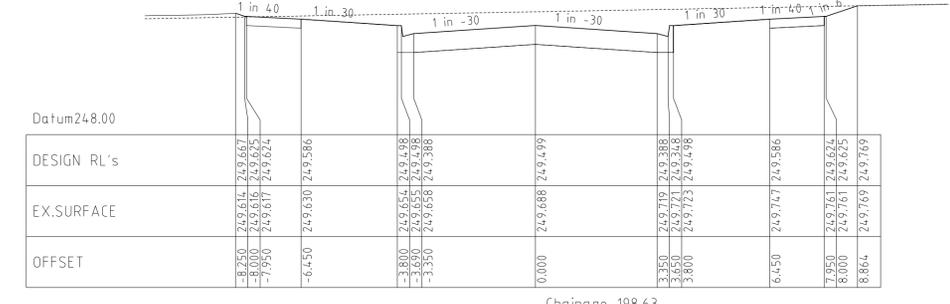
Chainage 152.83



Chainage 210.83



Chainage 199.78



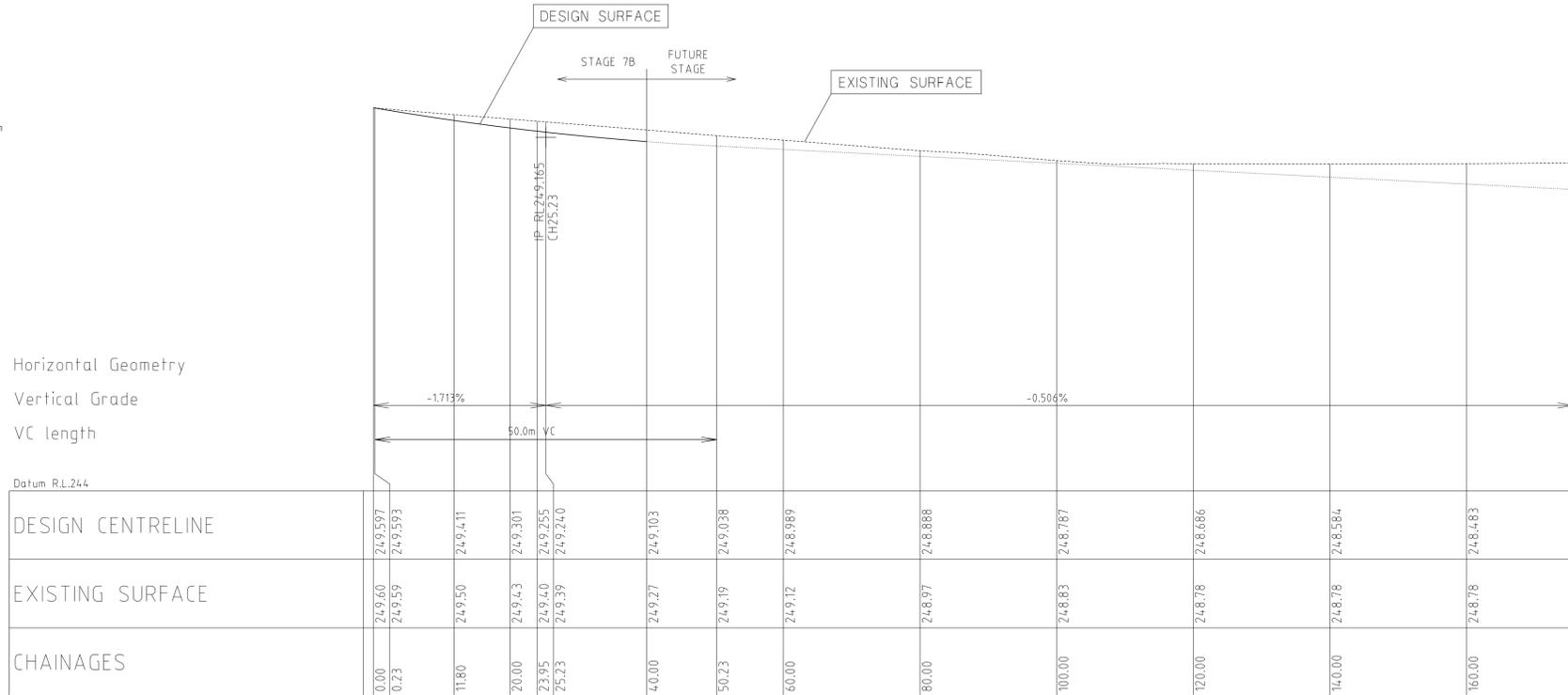
Chainage 198.63

VERSION DETAILS						SCALE:	MORNINGTON		HUME CITY COUNCIL		PLAN NUMBER
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	AS SHOWN	5 Main Street, Phone:031 5975 4644 Fax:031 5975 3936	VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R 15	
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA: L1opo.dgn	• TOWN PLANNERS • CIVIL ENGINEERS • SURVEYORS		PROJECT MANAGERS		REVISION
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM: AHD	• Project Managers		URBAN DESIGNERS		E
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.: 36182/7B	• Urban Designers		STRUCTURAL ENGINEERS		SHEET 15 OF 27
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC	DRAWN: C.M.B. DATE: MAR 2014	• Structural Engineers		TURION DRIVE CROSS SECTIONS		
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED: Z.W.L. DATE: MAR 2014	URBAN DEVELOPMENT CONSULTANTS & MANAGERS ABN 47 637 589 613				
FILENAME: k:\36182\36182_7b\dgn\r15.dgn						AUTHORISED: A.S.C. DATE: MAR 2014					

GOSSAMER WAY
LONGITUDINAL SECTION

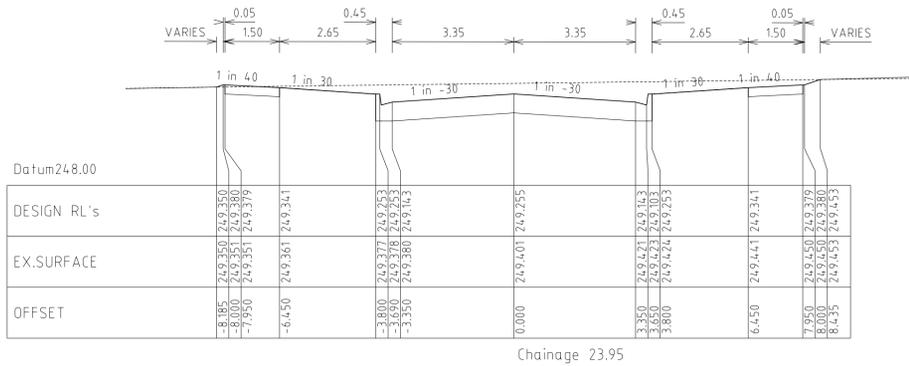
HORIZ 5 0 10 20 30m
VERT 0.5 0 1 2 3m

Horiz Scale 1 500 at A1
Vert Scale 1 50 at A1

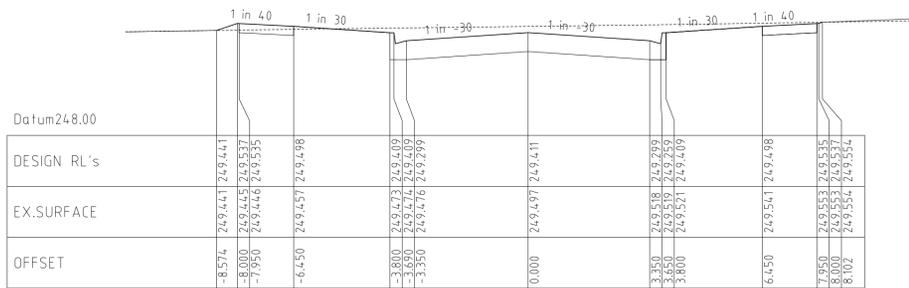


Horizontal Geometry
Vertical Grade
VC length

Datum R.L.244



Chainage 23.95

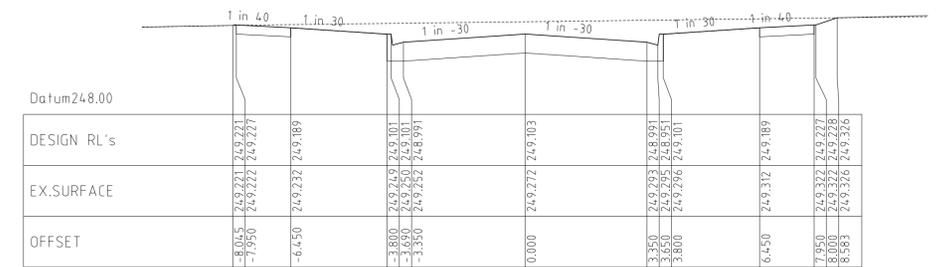


Chainage 11.80

GOSSAMER WAY
CROSS SECTIONS

HORIZ 1 0 2 4 6m
VERT 0.5 0 1 2 3m

Horiz Scale 1 100 at A1
Vert Scale 1 50 at A1



Chainage 40.00

VERSION DETAILS						SCALE:	AS SHOWN
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	Ltopo.dgn
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC	DRAWN:	C.M.B. DATE: MAR 2014
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
FILENAME: k:\36182\36182_7b\dgn\r16.dgn						AUTHORISED:	A.S.C. DATE: MAR 2014

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Phone:031 5975 4644
Fax:031 5975 3916

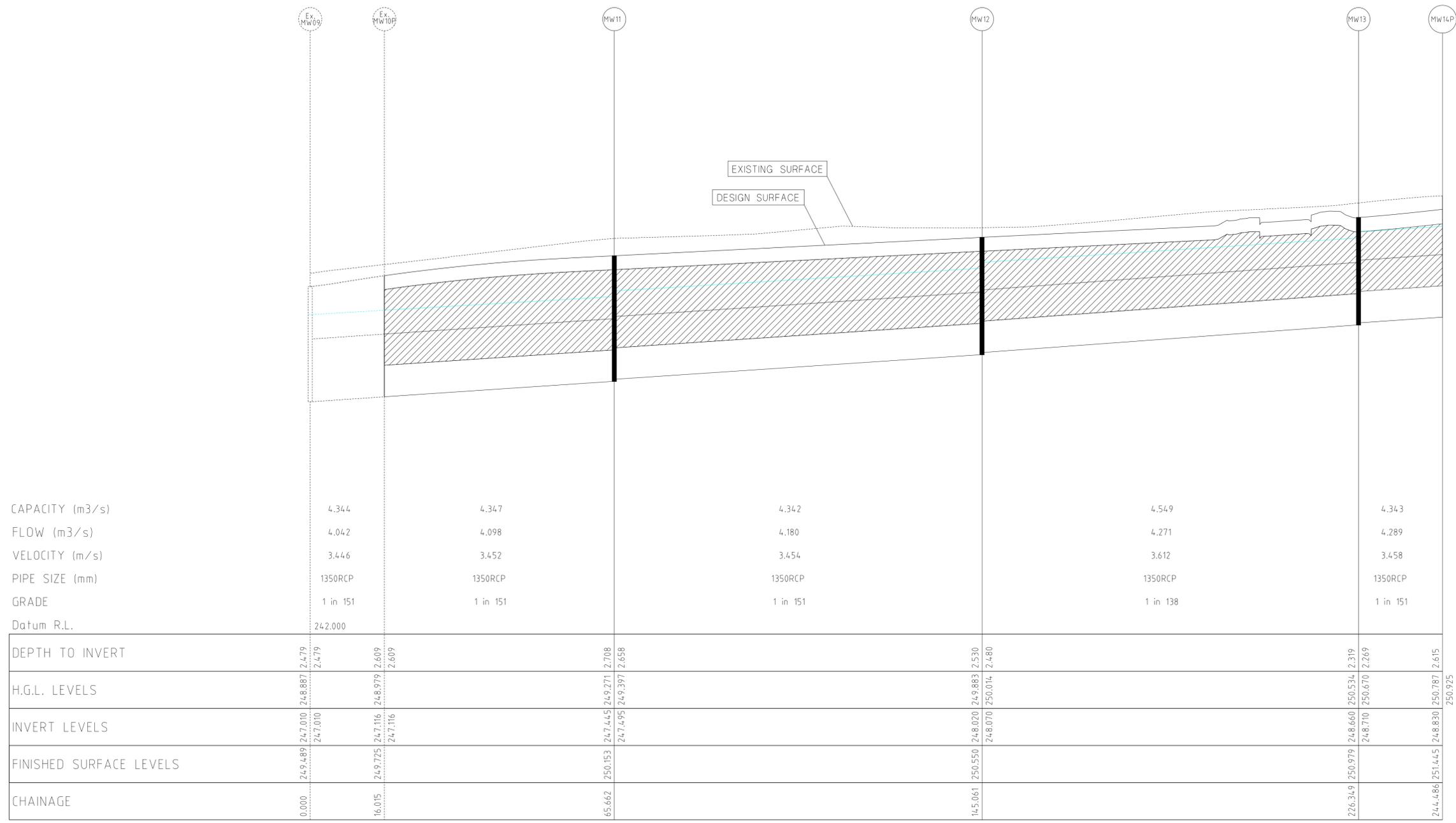
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Fax:031 9697 8099

TOWN PLANNERS
CIVIL ENGINEERS
SURVEYORS

Project Managers
Urban Designers
Structural Engineers

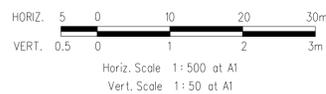


HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R 16
GOSSAMER WAY LONGITUDINAL & CROSS SECTIONS		REVISION E
		SHEET 16 OF 27



DRAINAGE LONGITUDINAL SECTIONS

NOTE:
LOCATION OF GAS, WATER,
TELSTRA & ELECTRICITY
SERVICES INDICATIVE ONLY



VERSION DETAILS						SCALE: AS SHOWN	
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	L1opo.dgn
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B
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A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
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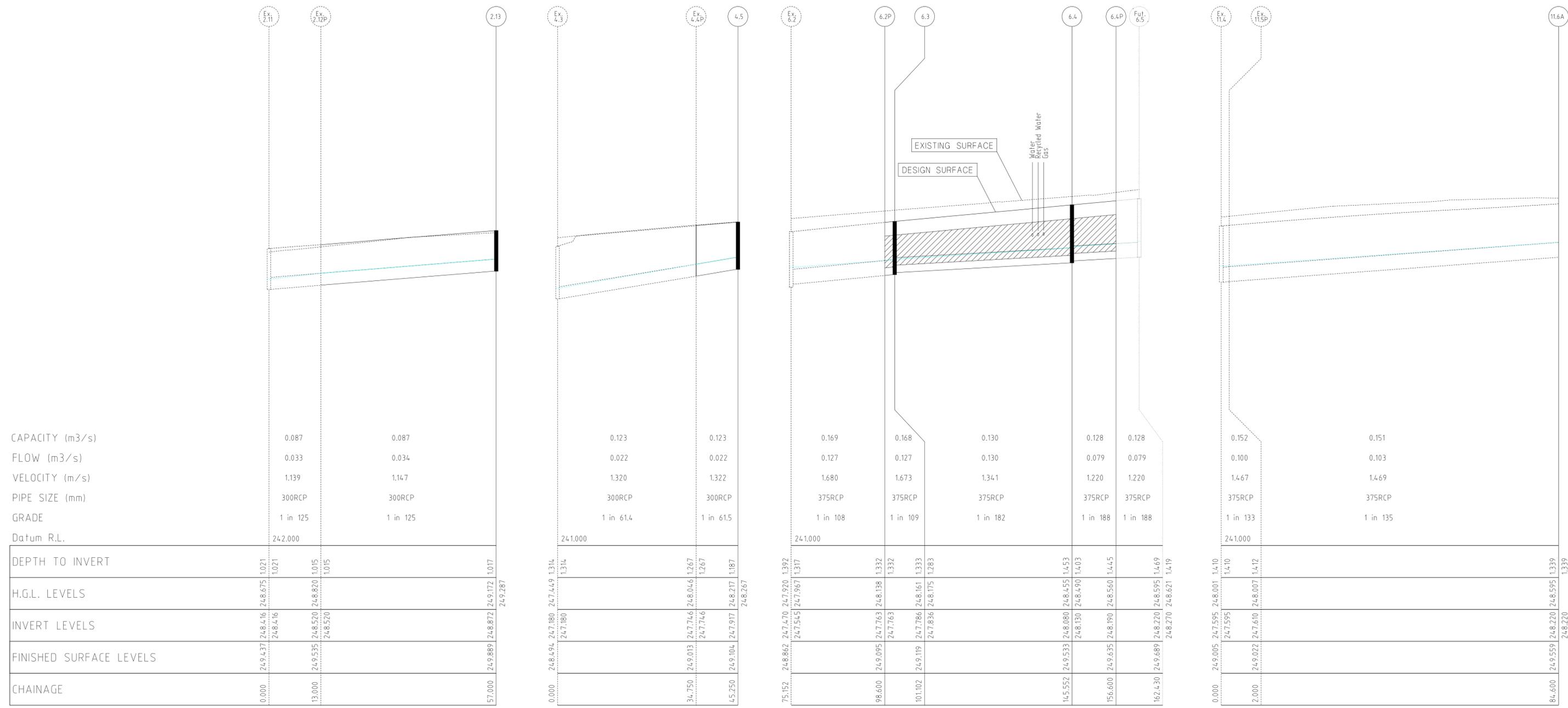
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- TOWN PLANNERS
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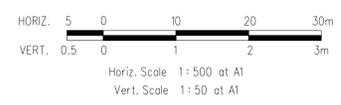
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URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
ABN 47 637 589 613

HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R17
DRAINAGE LONGITUDINAL SECTION		REVISION E
		SHEET 17 OF 27



DRAINAGE LONGITUDINAL SECTIONS

NOTE:
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TELSTRA & ELECTRICITY
SERVICES INDICATIVE ONLY



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HUME CITY COUNCIL

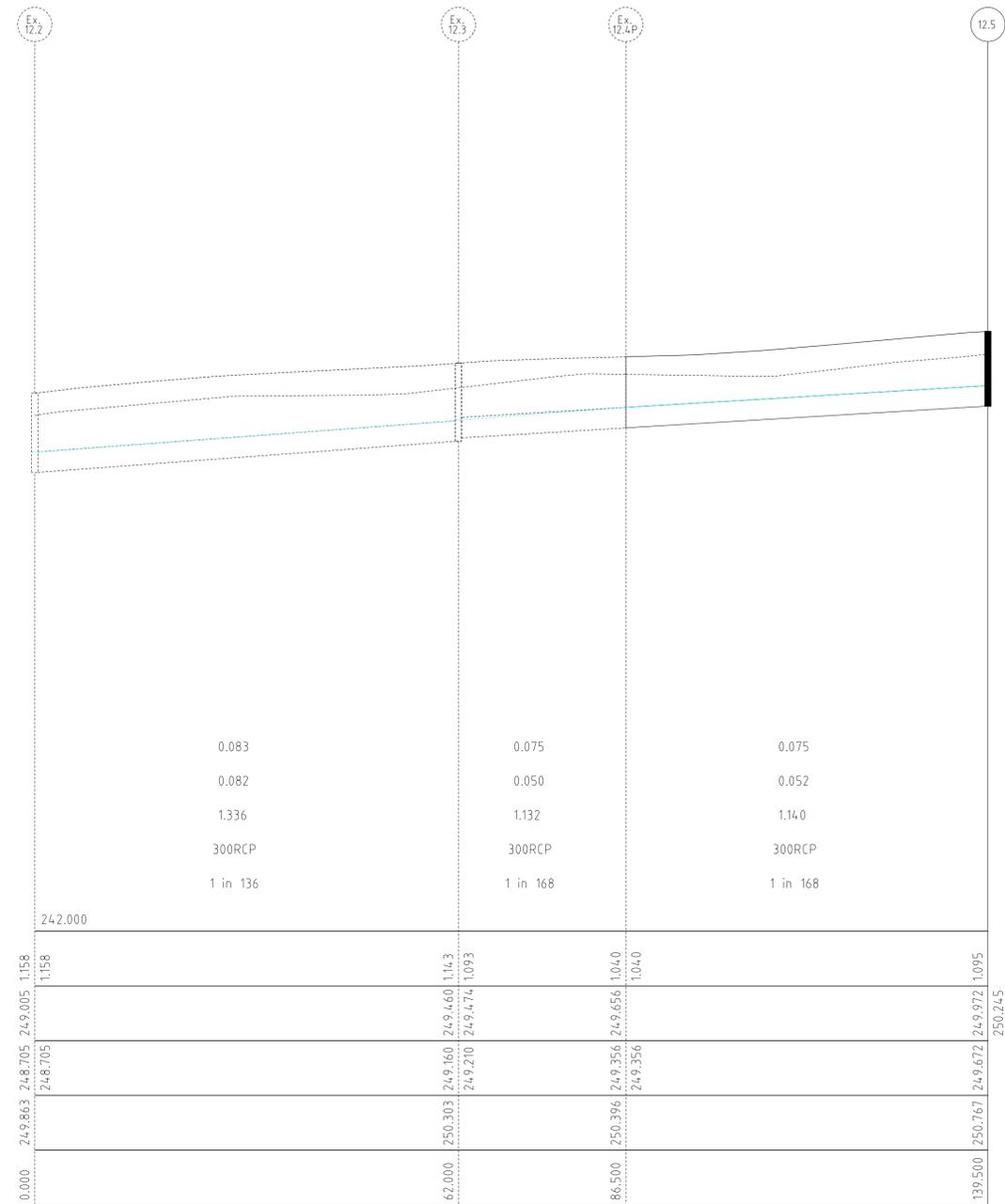
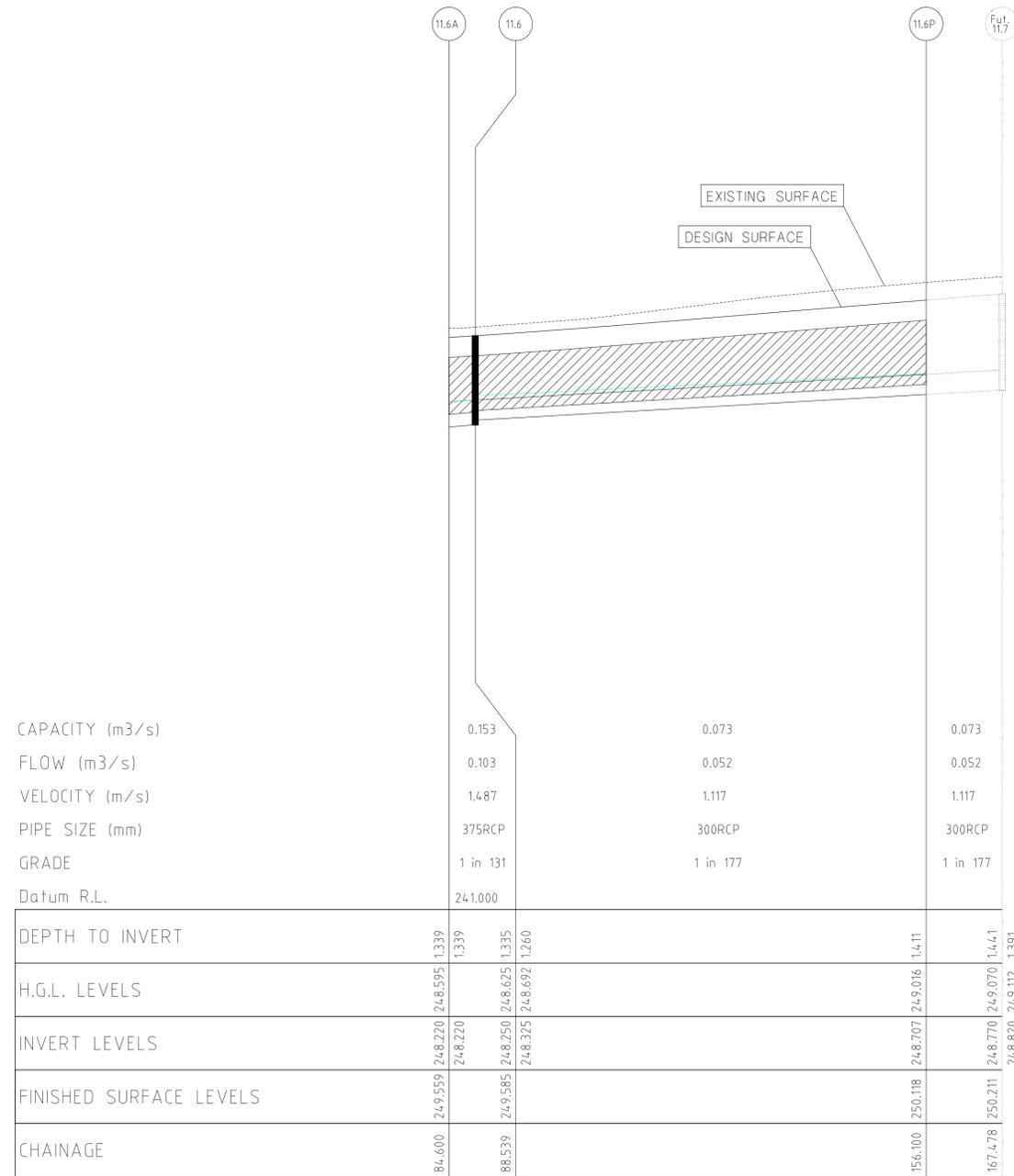
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

PLAN NUMBER
**36182/7B
R18**

REVISION
E

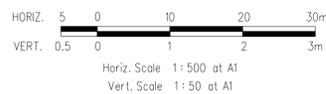
SHEET 18 OF 27

DRAINAGE LONGITUDINAL SECTION



DRAINAGE LONGITUDINAL SECTIONS

NOTE:
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TELSTRA & ELECTRICITY
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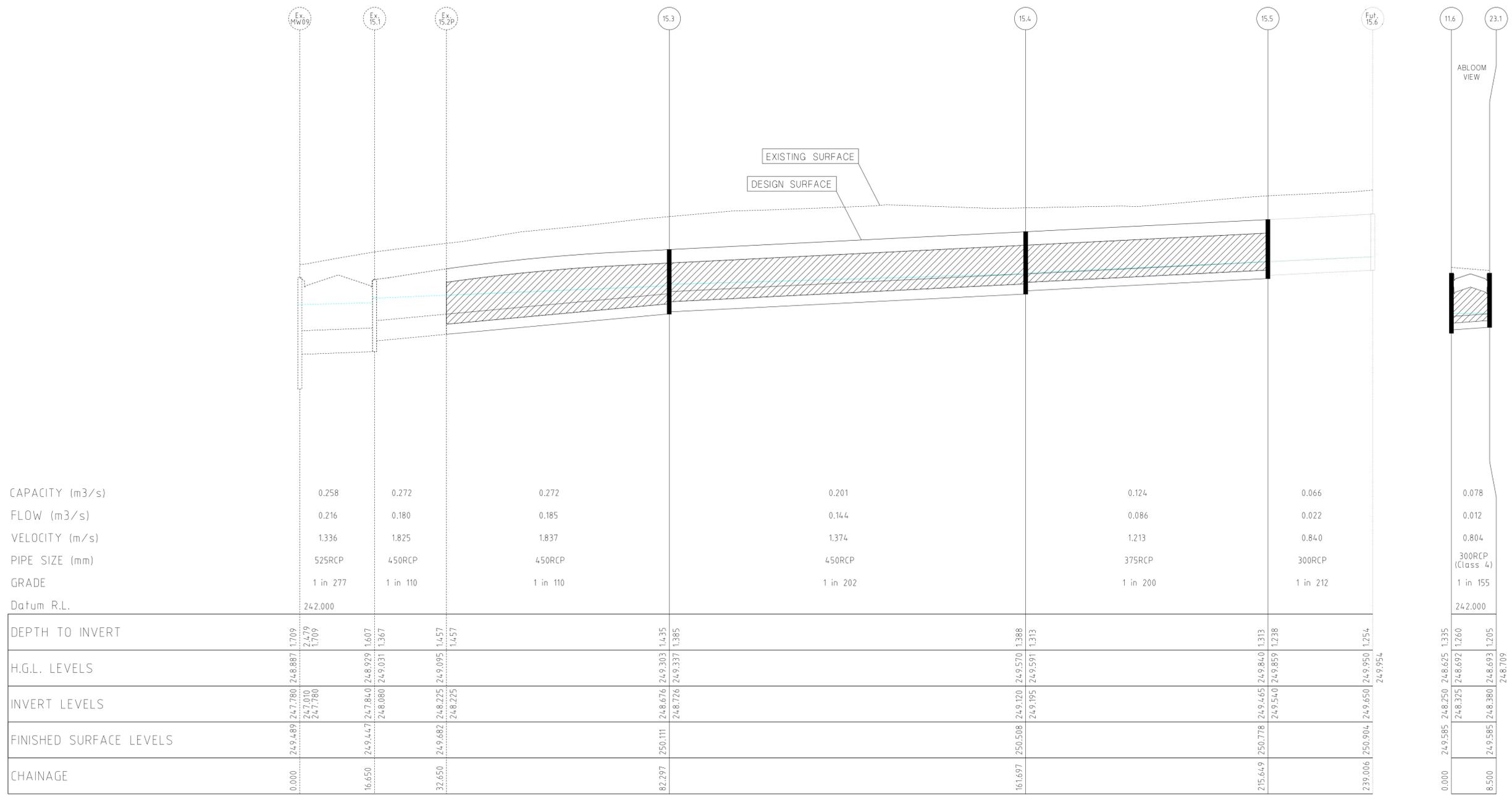
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

PLAN NUMBER
**36182/7B
R19**

REVISION **E**

SHEET 19 OF 27

DRAINAGE LONGITUDINAL SECTION

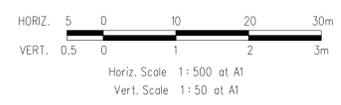


CAPACITY (m3/s)
 FLOW (m3/s)
 VELOCITY (m/s)
 PIPE SIZE (mm)
 GRADE
 Datum R.L.

	0.000	16.650	32.650	82.297	161.697	239.006	8.500
DEPTH TO INVERT	1.709	1.709	1.607	1.457	1.388	1.313	1.254
H.G.L. LEVELS	248.887	248.929	249.031	249.095	249.570	249.859	249.950
INVERT LEVELS	247.780	247.840	248.080	248.225	249.120	249.465	249.650
FINISHED SURFACE LEVELS	249.489	249.447	249.682	250.111	250.508	250.778	250.904
CHAINAGE	0.000	16.650	32.650	82.297	161.697	239.006	248.709

NOTE:
 LOCATION OF GAS, WATER,
 TELSTRA & ELECTRICITY
 SERVICES INDICATIVE ONLY

DRAINAGE LONGITUDINAL SECTIONS



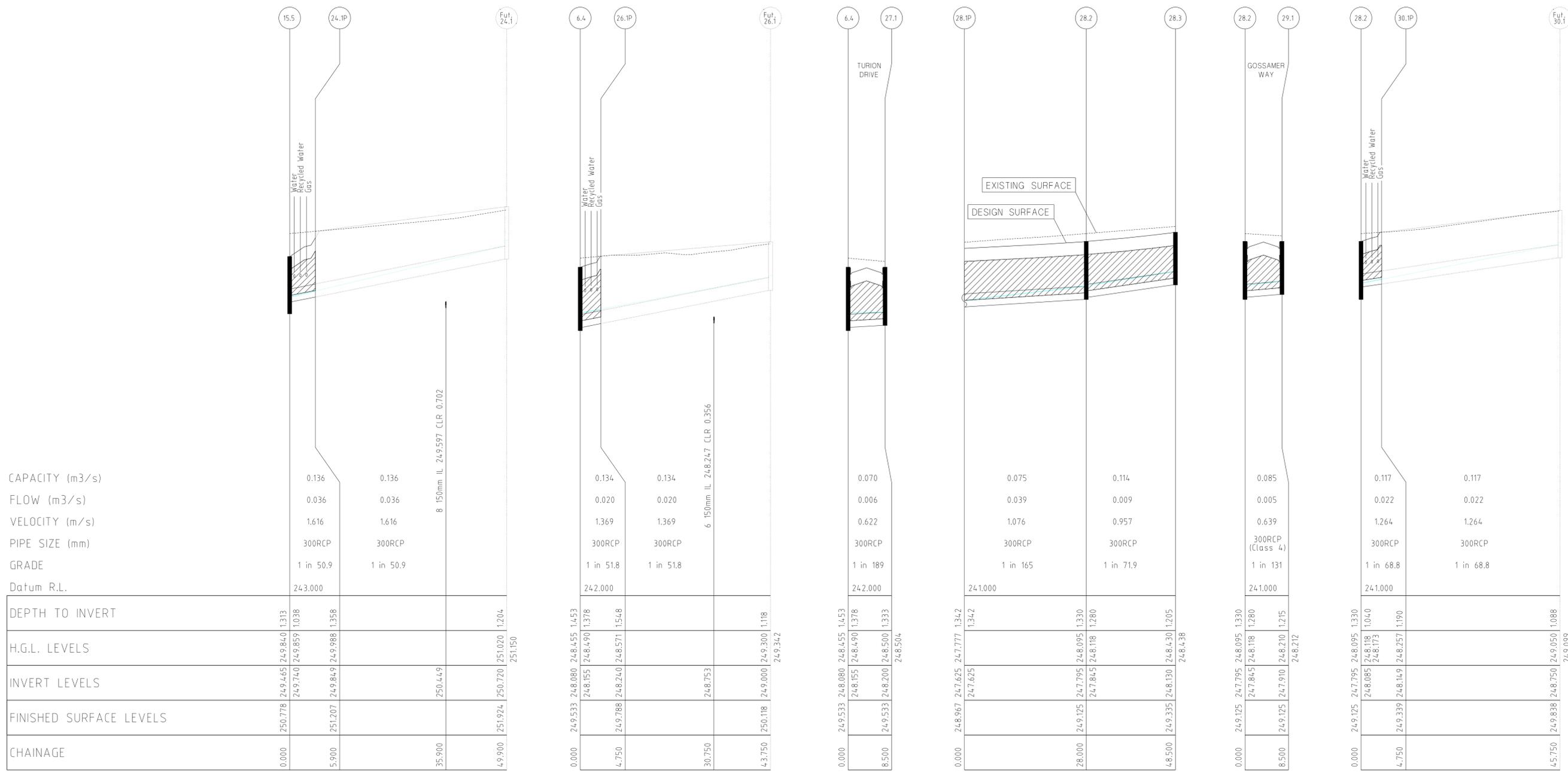
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VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R20
DRAINAGE LONGITUDINAL SECTION		REVISION E
		SHEET 20 OF 27



CAPACITY (m3/s)	0.136	0.136
FLOW (m3/s)	0.036	0.036
VELOCITY (m/s)	1.616	1.616
PIPE SIZE (mm)	300RCP	300RCP
GRADE	1 in 50.9	1 in 50.9
Datum R.L.	24.3.000	
DEPTH TO INVERT		
H.G.L. LEVELS	249.465 249.840 1.313 249.710 249.859 1.038	251.020 1.204 251.150
INVERT LEVELS	249.849 249.888 1.358	250.449
FINISHED SURFACE LEVELS	250.778	250.720 251.020 1.204 251.924
CHAINAGE	0.000	5.900 35.900 49.900

VERSION DETAILS					
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SCALE:	AS SHOWN
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DESIGNED:	Z.W.L. DATE: MAR 2014
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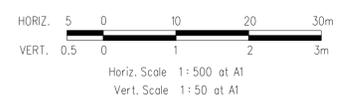
• Project Managers
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• Structural Engineers

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CONSULTANTS & MANAGERS
ABN 47 637 589 613

HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R21
DRAINAGE LONGITUDINAL SECTION		REVISION E
		SHEET 21 OF 27

DRAINAGE LONGITUDINAL SECTIONS

NOTE:
LOCATION OF GAS, WATER,
TELSTRA & ELECTRICITY
SERVICES INDICATIVE ONLY



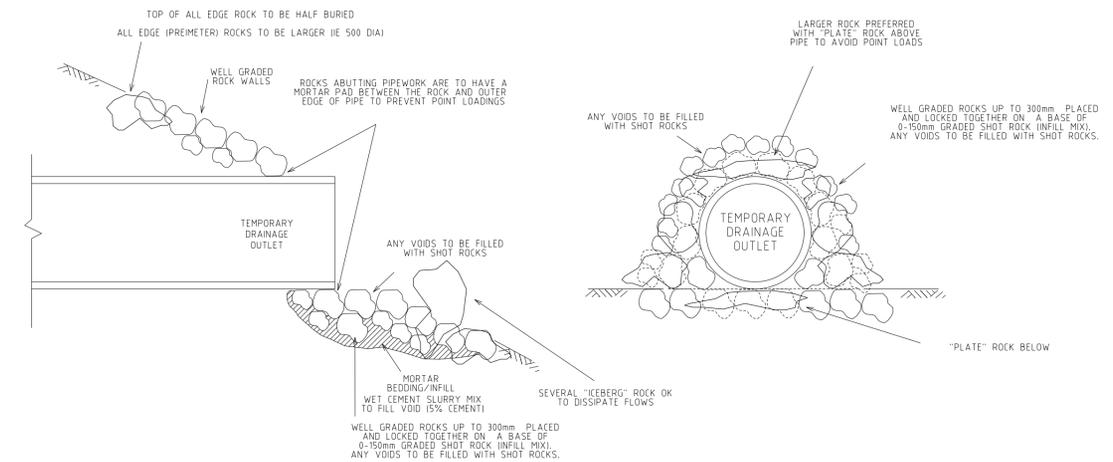
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PIT SCHEDULE

PIT NO. & TYPE	INTERNAL DIMENSIONS	EASTING	NORTHING	INLET DIA.	INLET I.L.	OUTLET DIA.	OUTLET I.L.	COVER LEVEL	DEPTH TO INVERT	REMARKS
MW14 PC	-	3596.514	9892.363			1350	248.83	251.445	2.615	End Capped (Future Pipe to Pipe Connection)
MW13 SEP	900 x 1500	3614.49	9889.953	1350	248.71	1350	248.66	250.979	2.319	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
MW12 SEP	900 x 1500	3695.057	9879.151	1350	248.07	1350	248.02	250.55	2.53	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
MW11 SEP	900 x 1500	3773.752	9868.6	1350	247.495	1350	247.445	250.153	2.708	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
Ex. MW10 PC	-	3822.959	9862.002	1350	247.116	1350	247.116	249.725	2.609	Pipe to Pipe Connection
Ex. MW09 SEP	Existing	3838.832	9859.874	1350	247.01	1350	246.96	249.489	2.479	Existing Pit
				525	247.78			249.489	2.479	Line 15 Enters
2.13 JP	900 x 600	3659.068	9782.627			300	248.872	249.889	1.017	GAA014; SD275(CIRCULAR PIT LID)
Ex. 2.12 PC	-	3702.678	9776.78	300	248.52	300	248.52	249.535	1.015	Pipe to Pipe Connection
Ex. 2.11 JP	Existing	3715.563	9775.053	300	248.416			249.437	1.021	Existing Pit
4.5 JP	900 x 600	3671.621	9707.291			300	247.917	249.104	1.187	GAA014; SD275(CIRCULAR PIT LID)
Ex. 4.4 PC	-	3682.028	9705.896	300	247.746	300	247.746	249.013	1.267	Pipe to Pipe Connection
Ex. 4.3 SEP	Existing	3716.47	9701.278	300	247.18			248.494	1.314	Existing Pit
Fut. 6.5 SEP	Future	3624.511	9757.244	375	248.27	375	248.22	249.689	1.469	Future Pit
6.4 PC	-	3630.29	9756.469	375	248.19	375	248.19	249.635	1.445	End Capped (Future Pipe to Pipe Connection)
6.4 JP	900 x 600	3641.239	9755.001	375	248.13	375	248.08	249.533	1.453	GAA014; SD275(CIRCULAR PIT LID)
				300	248.155			249.533	1.453	Line 26 Enters
				300	248.155			249.533	1.453	Line 27 Enters
6.3 JP	900 x 600	3685.295	9749.095	375	247.836	375	247.786	249.119	1.333	GAA014; SD275(CIRCULAR PIT LID)
6.2 PC	-	3687.775	9748.762	375	247.763	375	247.763	249.095	1.332	Pipe to Pipe Connection
Ex. 6.2 SEP	Existing	3711.015	9745.646	375	247.545	450	247.47	248.862	1.392	Existing Pit
				300	247.545			248.862	1.392	Line 22 Enters
Fut. 11.7 SEP	Future	3634.066	9825.581	300	248.82	300	248.77	250.211	1.441	Future Pit
11.6 PC	-	3645.343	9824.069	300	248.707	300	248.707	250.118	1.411	End Capped (Future Pipe to Pipe Connection)
11.6 SEP	900 x 600	3712.305	9815.091	300	248.325	375	248.25	249.585	1.335	GAA012; SD275(CIRCULAR PIT LID)
				300	248.325			249.585	1.335	Line 23 Enters
11.6A PC	-	3716.209	9814.567	375	248.22	375	248.22	249.559	1.339	Pipe to Pipe Connection
Ex. 11.5 PC	-	3798.076	9803.591	375	247.61	375	247.61	249.022	1.412	Pipe to Pipe Connection
Ex. 11.4 SEP	Existing	3800.059	9803.325	375	247.595			249.005	1.41	Existing Pit
12.5 JP	900 x 600	3667.729	9848.057			300	249.672	250.767	1.095	GAA014; SD275(CIRCULAR PIT LID)
Ex. 12.4 PC	-	3720.259	9841.014	300	249.356	300	249.356	250.396	1.04	Pipe to Pipe Connection
Ex. 12.3 JP	Existing	3744.542	9837.758	300	249.21	300	249.16	250.303	1.143	Existing Pit
Ex. 12.2 JP	Existing	3805.992	9829.519	300	248.705			249.863	1.158	Existing Pit

- NOTE:
- xy setout to pit centre
 - setout level to pit cover level

PIT NO. & TYPE	INTERNAL DIMENSIONS	EASTING	NORTHING	INLET DIA.	INLET I.L.	OUTLET DIA.	OUTLET I.L.	COVER LEVEL	DEPTH TO INVERT	REMARKS
Fut. 15.6 SEP	Future	3620.645	9905.926			300	249.65	250.904	1.254	Future Pit
15.5 JP	900 x 600	3643.796	9902.823	300	249.54	375	249.465	250.778	1.313	GAA014; SD275(CIRCULAR PIT LID)
				300	249.74			250.778	1.313	Line 24 Enters
15.4 SEP	900 x 600	3697.269	9895.653	375	249.195	450	249.12	250.508	1.388	GAA012; SD275(CIRCULAR PIT LID)
15.3 SEP	900 x 600	3775.965	9885.102	450	248.726	450	248.676	250.111	1.435	GAA012; SD275(CIRCULAR PIT LID)
Ex. 15.2 PC	-	3825.172	9878.504	450	248.225	450	248.225	249.682	1.457	Pipe to Pipe Connection
Ex. 15.1 SEP	Existing	3841.03	9876.378	450	248.08	525	247.84	249.447	1.607	Existing Pit
				300	248.15			249.447	1.607	Line 16 Enters
23.1 SEP	900 x 600	3711.175	9806.666			300	248.38	249.585	1.205	GAA012; SD275(CIRCULAR PIT LID)
Fut. 24.1 JP	Future	3650.427	9952.28			300	250.72	251.924	1.204	Future Pit
24.1 PC	-	3644.58	9908.67	300	249.849	300	249.849	251.207	1.358	End Capped (Future Pipe to Pipe Connection)
Fut. 26.1 JP	Future	3647.053	9798.363			300	249	250.118	1.118	Future Pit
26.1 PC	-	3641.871	9759.709	300	248.24	300	248.24	249.788	1.548	End Capped (Future Pipe to Pipe Connection)
27.1 SEP	900 x 600	3640.11	9746.577			300	248.2	249.533	1.333	GAA012; SD275(CIRCULAR PIT LID)
28.3 JP	900 x 600	3647.832	9731.164			300	248.13	249.335	1.205	GAA014; SD275(CIRCULAR PIT LID)
28.2 SEP	900 x 600	3645.108	9710.846	300	247.845	300	247.795	249.125	1.33	GAA012; SD275(CIRCULAR PIT LID)
				300	247.845			249.125	1.33	Line 29 Enters
				300	248.085			249.125	1.33	Line 30 Enters
28.1 PC	-	3641.387	9683.094	300	247.625			248.967	1.342	Temporary Outfall
29.1 SEP	900 x 600	3653.533	9709.716			300	247.91	249.125	1.215	GAA012; SD275(CIRCULAR PIT LID)
Fut. 30.1 JP	Future	3599.764	9716.925			300	248.75	249.838	1.088	Future Pit
30.1 PC	-	3640.4	9711.477	300	248.149	300	248.149	249.339	1.19	End Capped (Future Pipe to Pipe Connection)



TYPICAL STORMWATER DRAINAGE TEMPORARY OUTLET
N.T.S.

VERSION DETAILS						SCALE:	AS SHOWN		HUME CITY COUNCIL		PLAN NUMBER
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						DATE:	MAR 2014	WATSONS		URBAN DEVELOPMENT CONSULTANTS & MANAGERS	
								URBAN DEVELOPMENT CONSULTANTS & MANAGERS		PIT SCHEDULE	
								ABN 47 697 899 813		REVISION E	
										SHEET 22 OF 27	



LINEMARKING PLAN



PLAN I.D.	PICTORIAL	CODE No.
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#1		STREET SIGN
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#2		R1-2A
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A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
FILENAME: k:\36182\36182_7b\dgn\r23.dgn						AUTHORISED:	A.S.C. DATE: MAR 2014

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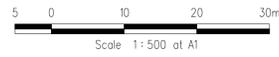
MELBOURNE
The Melburnian, Suite 2
250 St. Kilda Rd.
Phone:031 9697 8000
Fax:031 9697 8099



HUME CITY COUNCIL		PLAN NUMBER
VILLAWOOD PROPERTIES P/L TRILLIUM - STAGE 7B 535 MOUNT RIDLEY ROAD MICKLEHAM		36182/7B R23
LINEMARKING & SIGNAGE PLAN		REVISION E
		SHEET 23 OF 27



PARKING PLAN



VERSION DETAILS						SCALE: AS SHOWN	
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	DATE PRINTED:	16/12/2014
E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	L10po.dgn
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	PROJECT No.:	36182/7B
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A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
FILENAME: k:\36182\36182_7b\dgn\r24.dgn						AUTHORISED:	A.S.C. DATE: MAR 2014

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- TOWN PLANNERS
- CIVIL ENGINEERS
- SURVEYORS
- Project Managers
- Urban Designers
- Structural Engineers

WATSONS
URBAN DEVELOPMENT
CONSULTANTS & MANAGERS
ABN 47 637 589 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

PARKING PLAN

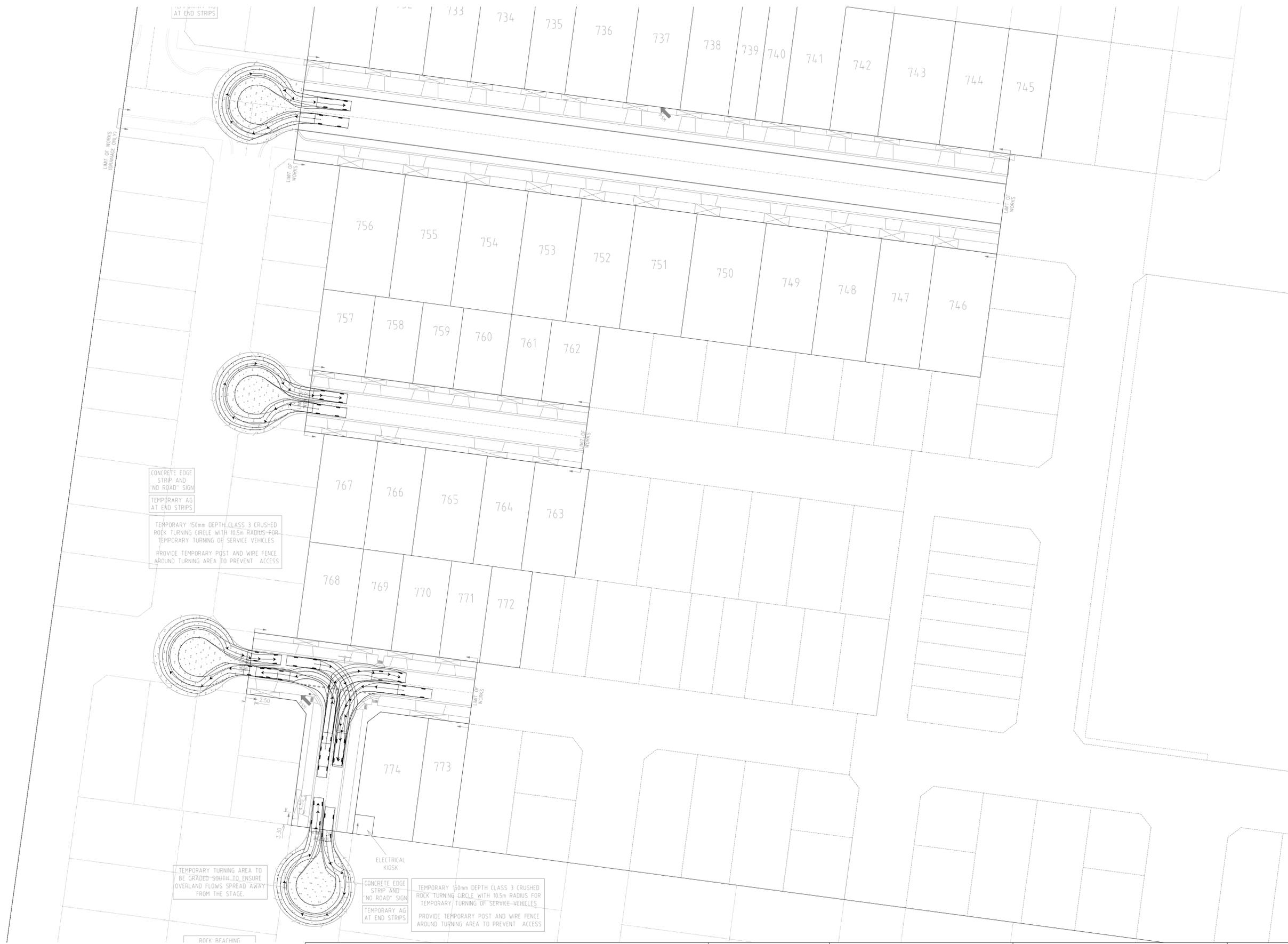
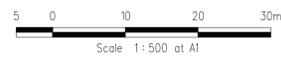
PLAN NUMBER
**36182/7B
R24**

REVISION **E**

SHEET 24 OF 27



TURNING PLAN



CONCRETE EDGE STRIP AND "NO ROAD" SIGN
 TEMPORARY AG AT END STRIPS
 TEMPORARY 150mm DEPTH CLASS 3 CRUSHED ROCK TURNING CIRCLE WITH 10.5m RADIUS FOR TEMPORARY TURNING OF SERVICE VEHICLES
 PROVIDE TEMPORARY POST AND WIRE FENCE AROUND TURNING AREA TO PREVENT ACCESS

TEMPORARY TURNING AREA TO BE GRADED 50MM TO ENSURE OVERLAND FLOWS SPREAD AWAY FROM THE STAGE.

CONCRETE EDGE STRIP AND "NO ROAD" SIGN
 TEMPORARY AG AT END STRIPS

TEMPORARY 150mm DEPTH CLASS 3 CRUSHED ROCK TURNING CIRCLE WITH 10.5m RADIUS FOR TEMPORARY TURNING OF SERVICE VEHICLES
 PROVIDE TEMPORARY POST AND WIRE FENCE AROUND TURNING AREA TO PREVENT ACCESS

VERSION DETAILS						SCALE:	AS SHOWN
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E	16/12/14	ALL	-	AS CONSTRUCTED	ZWL	LEVEL DATA:	L10po.dgn
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM:	AHD
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A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DESIGNED:	Z.W.L. DATE: MAR 2014
FILENAME: k:\36182\36182_7b\dgn\r25.dgn						AUTHORISED:	A.S.C. DATE: MAR 2014

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 • SURVEYORS

• Project Managers
 • Urban Designers
 • Structural Engineers

WATSONS
 URBAN DEVELOPMENT
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 ABN 47 637 589 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
 TRILLIUM - STAGE 7B
 535 MOUNT RIDLEY ROAD
 MICKLEHAM

TURNING TEMPLATES

PLAN NUMBER
**36182/7B
 R25**

REVISION
E

SHEET 25 OF 27

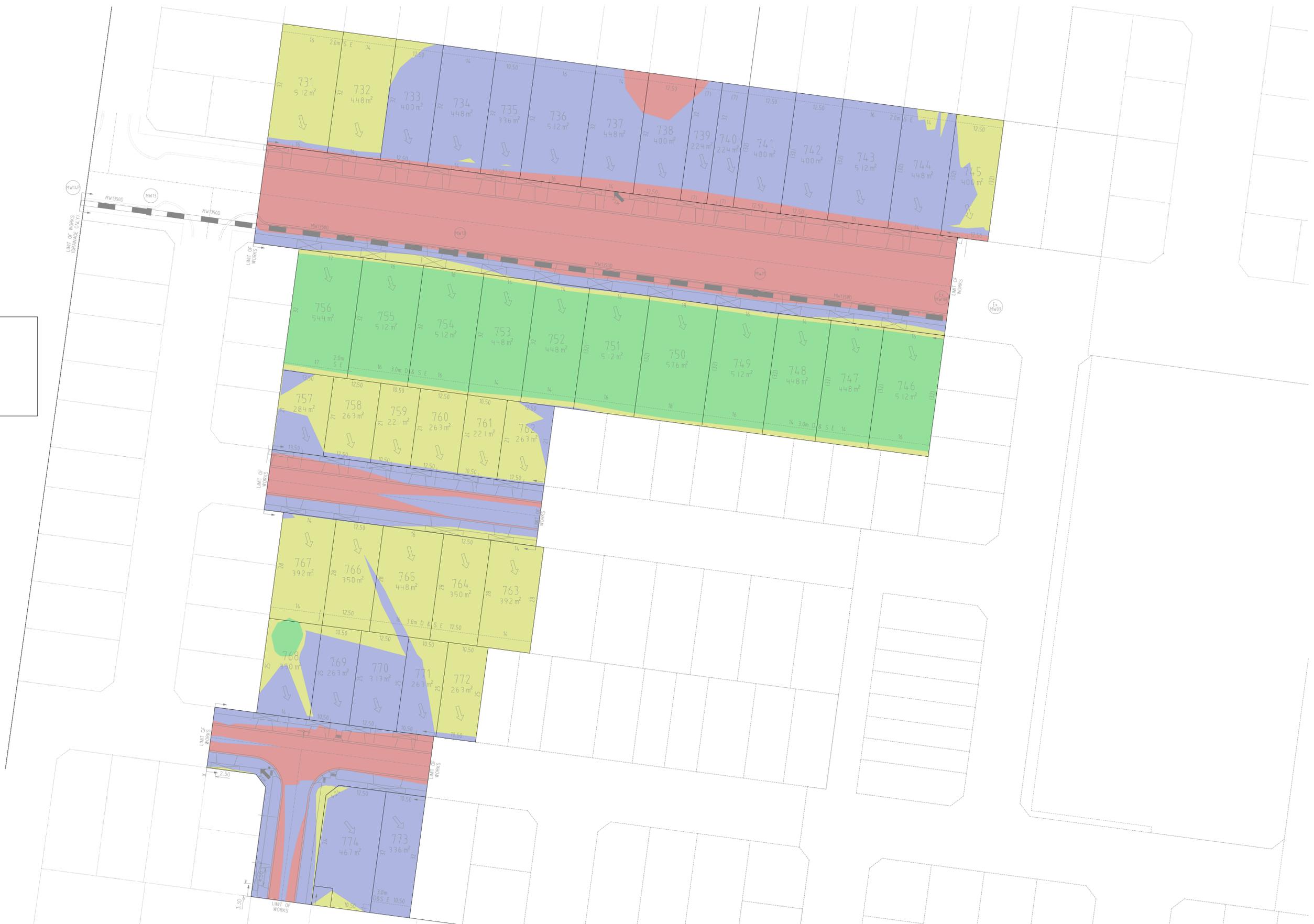


EARTHWORKS PLAN



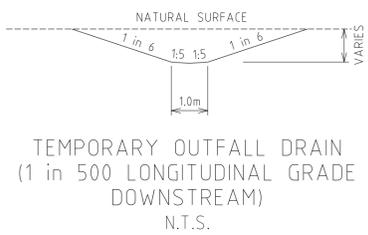
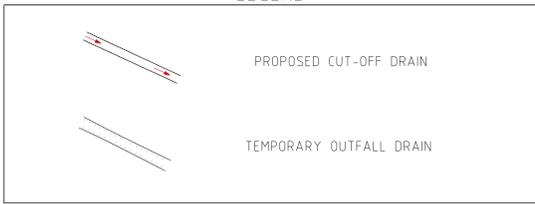
LEGEND

	Area in Cut (>200mm)
	Area in Cut (<200mm)
	Area in Fill (<200mm)
	Area in Fill (>200mm)



VERSION DETAILS						SCALE:	HUME CITY COUNCIL		PLAN NUMBER
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED	AS SHOWN	VILLAWOOD PROPERTIES P/L		36182/7B
E	16/12/14	ALL		AS CONSTRUCTED	ZWL	DATE PRINTED: 16/12/2014	TRILLIUM - STAGE 7B		R26
D	22/09/14	4	LOT 765 CROSSOVER RELOCATED	ISSUED FOR CONSTRUCTION	ASC	LEVEL DATA: L1topo.dgn	535 MOUNT RIDLEY ROAD		
C	7/07/14	4, 18, 19, 20 & 22	DRAINAGE PITS 6.3, 11.6 & 23.1 RELOCATED	ISSUED FOR CONSTRUCTION	ASC	DATUM: AHD	MICKLEHAM		
B	23/06/14	4, 17, 18 & 22	MW DRAINAGE LINE AMENDED	APPROVED	ASC	PROJECT No.: 36182/7B	EARTHWORKS PLAN		REVISION E
A	01/05/14	ALL	COUNCIL COMMENTS DATED 22/04/14	PRELIMINARY	ASC	DRAWN: C.M.B. DATE: MAR 2014			SHEET 26 OF 27
FILENAME: k:\36182\36182_7b\dgn\r26.dgn						DESIGNED: Z.W.L. DATE: MAR 2014	MORNINGTON 5 Main Street, Phone:031 5975 4644 Fax:031 5975 3916		
						AUTHORISED: A.S.C. DATE: MAR 2014	MELBOURNE The Melbourne, Suite 2 250 St. Kilda Rd. Phone:031 9697 8000 Fax:031 9697 8099		
							<ul style="list-style-type: none"> TOWN PLANNERS CIVIL ENGINEERS SURVEYORS Project Managers Urban Designers Structural Engineers 		
							 WATSONS URBAN DEVELOPMENT CONSULTANTS & MANAGERS ABN 47 637 589 613		

LEGEND



VERSION DETAILS						SCALE:	AS SHOWN
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ABN 47 437 509 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 7B
535 MOUNT RIDLEY ROAD
MICKLEHAM

TEMPORARY CUTOFF DRAIN
& TEMPORARY OUTFALL

PLAN NUMBER	36182/7B R27
REVISION	E
SHEET 27 OF 27	