LOCALITY PLAN

25 0 50 100 150m

Scale 1:2500 at A1

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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

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LOCALITY PLAN, SHEET INDEX, & GENERAL NOTES

PLAN NUMBER 36182/8 R01

REVISION D

SHEET 1 OF 24

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 " APPROPIATE 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 VEGETAION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCILS 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

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 NECCESARY 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

SITE SPECIFIC NOTES

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 FILLIG AND THE LEVELS SHOWN ON THE 'AS-CONSTRUCTED' PLANS

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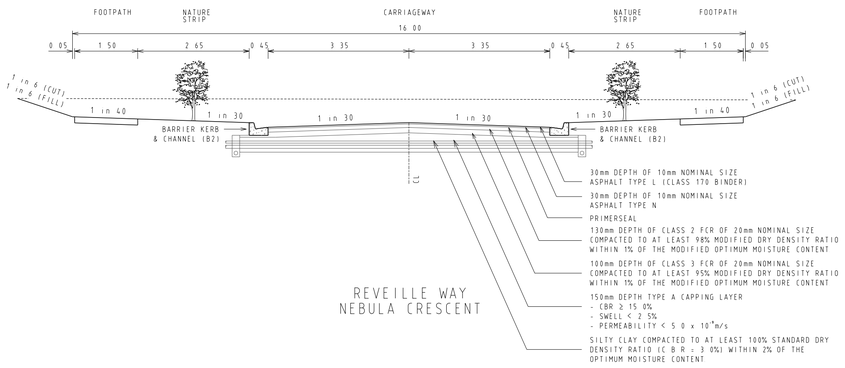
SHEET 2 OF 24



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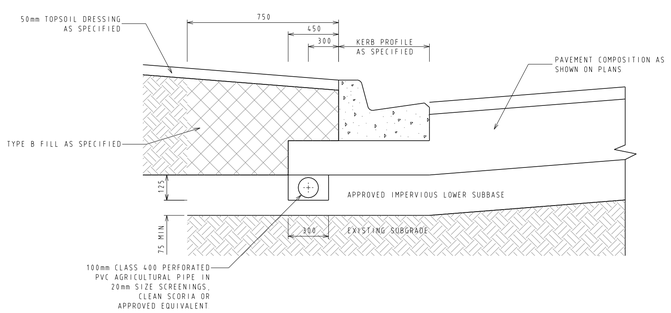
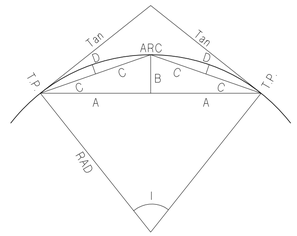
NEBULA CRESCENT

DAYBREAK VISTA



SUBSURFACE DRAIN IN EXPANSIVE SOILS



CURVE SETOUT TABLE

Curve	Radius	I	o	'	''	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
3	8	90.00	89	59	51	12.566	8.00	5.66	2.34	3.06	0.61
4	8	90.00	89	59	51	12.566	8.00	5.66	2.34	3.06	0.61

SERVICE OFFSETS

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

STREET NAME	GAS	RECYCLED WATER	WATER	ELECTRICITY	OPTIC FIBRE	SEWER
DAYBREAK VISTA	2.05 N	2.55 N	3.05 N	2.60 S	1.775 S	-
REVEILLE WAY	2.05 E	2.55 E	3.05 E	2.60 W	1.775 W	1.00 W
NEBULA CRESCENT	2.05 N	2.55 N	3.05 N	2.60 S	1.775 S	-

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

WATSONS
URBAN DEVELOPMENT CONSULTANTS & MANAGERS
ABN 47 637 509 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

TYPICAL PAVEMENT CROSS SECTIONS,
CURVE SETOUT TABLE & SERVICE OFFSET TABLE

PLAN NUMBER
36182/8
R03

REVISION D

LEGEND

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

NOTE:
1. Symbols are proposed construction (UNO)
2. Existing construction shown with broken lines

DETAIL PLAN

5 0 10 20 30m

Scale 1:500 at A1

VERSION DETAILS					
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\R04.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
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PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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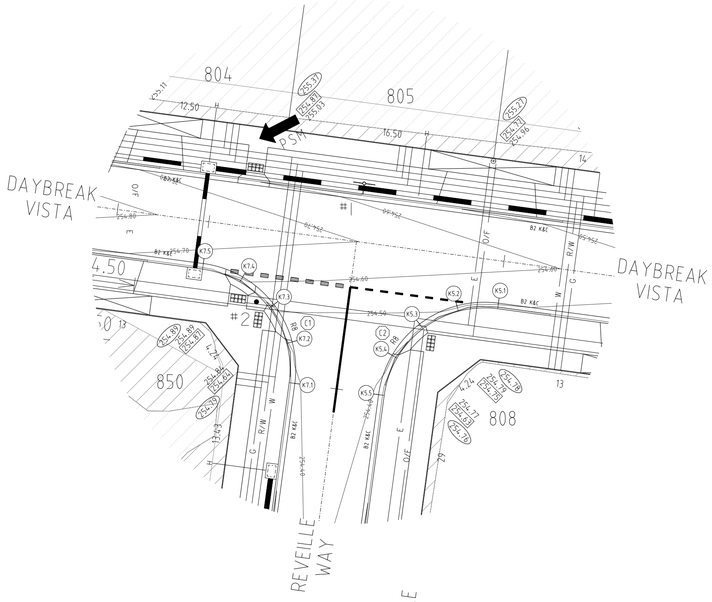
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

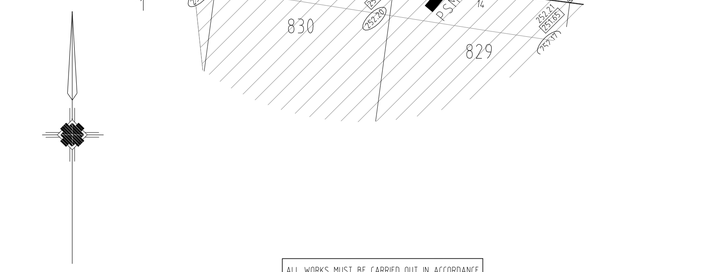
DETAIL PLAN

PLAN NUMBER 36182/8 R04

REVISION D

SHEET 4 OF 24

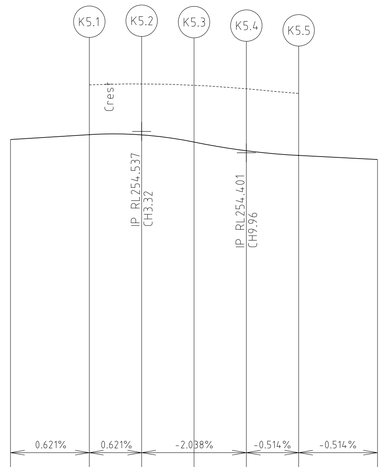




KERB RETURN K05

POINT NO.	EASTING	NORTHING	RL
K05.1	3780.154	10228.574	254.516
K05.2	3776.865	10228.366	254.515
K05.3	3773.903	10226.915	254.469
K05.4	3771.724	10224.441	254.414
K05.5	3770.657	10221.323	254.384

NOTE: SETOUT IS TO LIP OF KERB



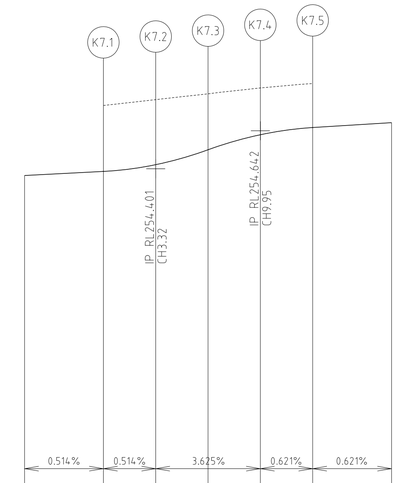
DESIGN CENTRELINE	254.485	254.516	254.515	254.469	254.414	254.384	254.359
EXISTING SURFACE		254.83	254.84	254.83	254.81	254.78	
CHAINAGES	-5.00	0.00	3.32	6.64	9.96	13.27	18.27

K05 LONGITUDINAL SECTION

KERB RETURN K07

POINT NO.	EASTING	NORTHING	RL
K07.1	3764.016	10222.213	254.384
K07.2	3763.808	10225.502	254.427
K07.3	3762.357	10228.463	254.522
K07.4	3759.883	10230.643	254.617
K07.5	3756.765	10231.71	254.663

NOTE: SETOUT IS TO LIP OF KERB



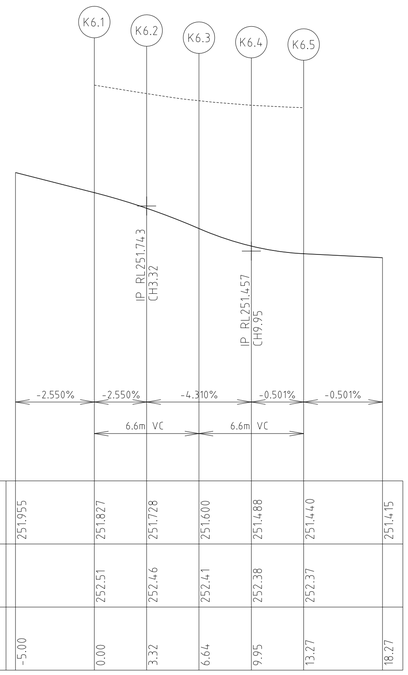
DESIGN CENTRELINE	254.359	254.384	254.427	254.522	254.617	254.663	254.694
EXISTING SURFACE		254.80	254.84	254.88	254.91	254.94	
CHAINAGES	-5.00	0.00	3.32	6.64	9.95	13.27	18.27

K07 LONGITUDINAL SECTION

KERB RETURN K06

POINT NO.	EASTING	NORTHING	RL
K06.1	3738.255	9979.65	251.827
K06.2	3738.462	9976.361	251.728
K06.3	3739.913	9973.401	251.6
K06.4	3742.388	9971.221	251.488
K06.5	3745.506	9970.154	251.44

NOTE: SETOUT IS TO LIP OF KERB



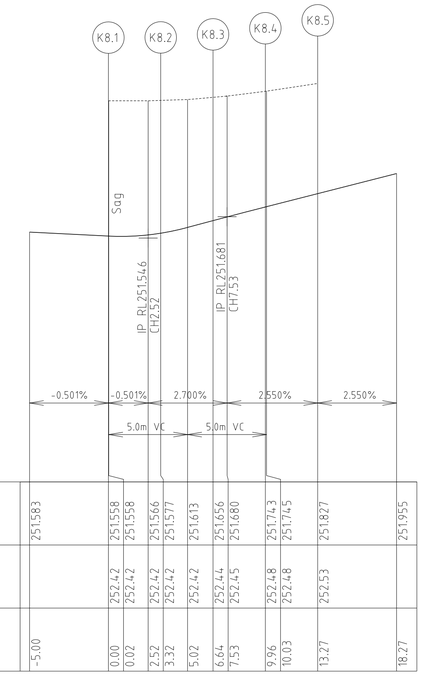
DESIGN CENTRELINE	251.955	251.827	251.728	251.600	251.488	251.440	251.415
EXISTING SURFACE		252.51	252.46	252.41	252.38	252.37	
CHAINAGES	-5.00	0.00	3.32	6.64	9.95	13.27	18.27

K06 LONGITUDINAL SECTION

KERB RETURN K08

POINT NO.	EASTING	NORTHING	RL
K08.1	3722.117	9973.29	251.558
K08.2	3725.407	9973.498	251.577
K08.3	3728.367	9974.948	251.656
K08.4	3730.547	9977.423	251.743
K08.5	3731.614	9980.541	251.827

NOTE: SETOUT IS TO LIP OF KERB



DESIGN CENTRELINE	251.583	251.558	251.558	251.566	251.577	251.613	251.656	251.680	251.743	251.745	251.827	251.955
EXISTING SURFACE		252.42	252.42	252.42	252.42	252.42	252.44	252.45	252.48	252.48	252.53	
CHAINAGES	-5.00	0.00	0.02	2.52	3.32	5.02	6.64	7.53	9.96	10.03	13.27	18.27

K08 LONGITUDINAL SECTION

INTERSECTION DETAILS

2.5 0 5 10 15m

Scale 1:250 at A1

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

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.

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

LONGITUDINAL SECTIONS

HORIZ. 2 0 4 8 12m

VERT. 0.2 0 0.4 0.8 1.2m

Horiz. Scale 1:200 at A1

Vert. Scale 1:20 at A1

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
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VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

INTERSECTION DETAILS
& LIP OF KERB PROFILES

PLAN NUMBER
36182/8
R05

REVISION D

SHEET 5 OF 24

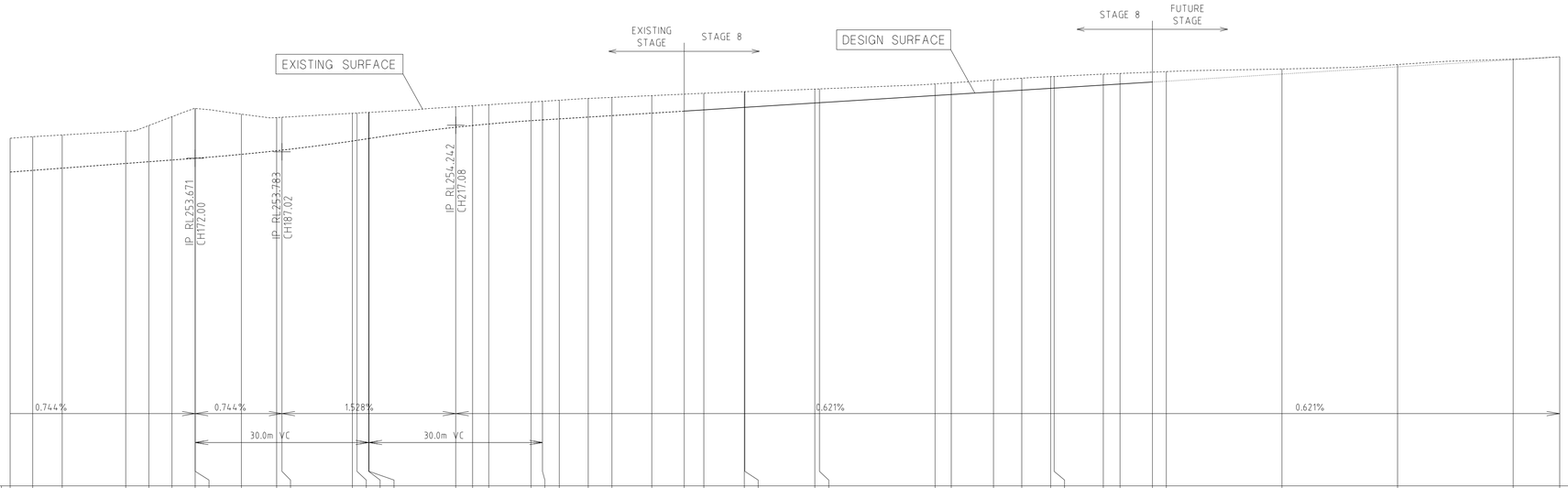
DAYBREAK VISTA
LONGITUDINAL SECTION

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



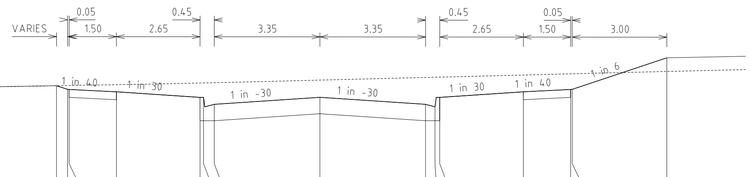
Horizontal Geometry

Vertical Grade

VC length

Datum R.L.248

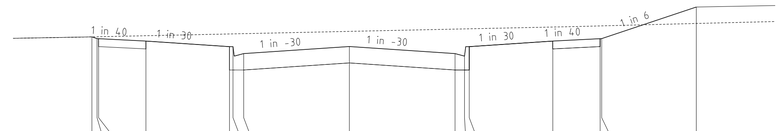
DESIGN CENTRELINE	253.433	253.462	253.500	253.581	253.611	253.641	253.671	253.671	253.739	253.802	253.812	253.970	253.981	254.012	254.013	254.208	254.238	254.264	254.322	254.335	254.353	254.384	254.410	254.453	254.487	254.508	254.552	254.553	254.628	254.633	254.757	254.774	254.820	254.850	254.881	254.885	254.938	254.956	254.990	255.005	255.129	255.254	255.378	255.428
EXISTING SURFACE	254.02	254.05	254.07	254.14	254.24	254.39	254.53	254.53	254.43	254.38	254.38	254.45	254.45	254.47	254.47	254.56	254.58	254.60	254.64	254.66	254.68	254.71	254.73	254.76	254.78	254.80	254.82	254.82	254.87	254.87	254.96	254.98	255.02	255.06	255.08	255.09	255.13	255.14	255.16	255.17	255.22	255.29	255.39	255.43
CHAINAGES	140.00	143.90	149.00	160.00	164.00	168.00	172.00	172.02	180.00	186.10	187.02	199.20	200.00	202.02	202.08	217.08	220.00	222.80	230.10	232.08	235.00	240.00	244.10	251.00	256.60	260.00	267.00	267.10	279.20	280.00	300.00	302.80	310.10	315.00	320.00	320.60	329.10	332.00	337.60	340.00	360.00	380.00	400.00	408.05



Datum253.00

DESIGN RL's	254.736	254.739	254.678	254.639	254.550	254.550	254.440	254.552	254.440	254.400	254.550	254.639	254.676	254.678	255.178
EX.SURFACE	254.736	254.740	254.676	254.752	254.778	254.780	254.783	254.825	254.867	254.870	254.872	254.906	254.924	254.925	254.962
OFFSET	-8.350	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

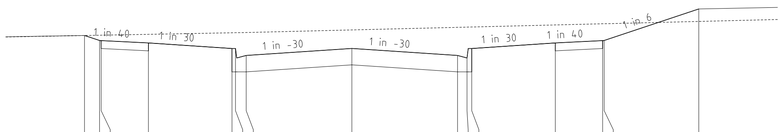
Chainage 267.00



Datum253.00

DESIGN RL's	254.781	254.782	254.752	254.714	254.626	254.626	254.516	254.628	254.516	254.476	254.626	254.714	254.752	254.754	255.254
EX.SURFACE	254.781	254.782	254.783	254.799	254.827	254.829	254.832	254.868	254.904	254.907	254.909	254.937	254.955	254.956	254.993
OFFSET	-8.462	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 279.20



Datum253.00

DESIGN RL's	254.693	254.697	254.613	254.574	254.486	254.486	254.376	254.487	254.376	254.336	254.486	254.574	254.612	254.613	255.113
EX.SURFACE	254.693	254.697	254.697	254.711	254.734	254.736	254.740	254.781	254.822	254.825	254.829	254.860	254.878	254.879	254.916
OFFSET	-8.476	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 256.60

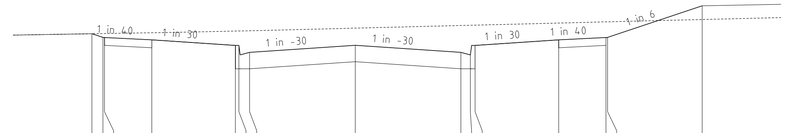
DAYBREAK VISTA
CROSS SECTIONS

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



Datum253.00

DESIGN RL's	254.736	254.739	254.678	254.677	254.639	254.551	254.551	254.553	254.441	254.401	254.551	254.639	254.677	254.678	255.178
EX.SURFACE	254.736	254.739	254.740	254.753	254.779	254.782	254.784	254.825	254.867	254.870	254.873	254.906	254.925	254.925	254.962
OFFSET	-8.348	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 267.10

VERSION DETAILS

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A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

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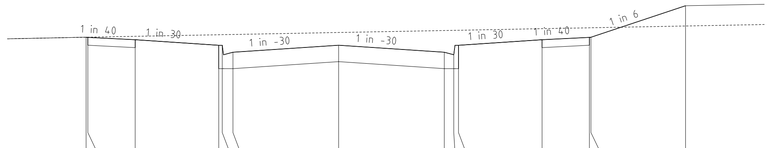
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

DAYBREAK VISTA
LONGITUDINAL & CROSS SECTIONS

PLAN NUMBER 36182/8 R06

REVISION D

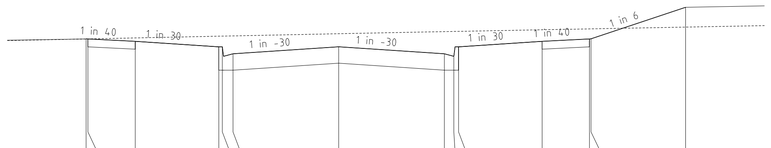
SHEET 6 OF 24



Datum253.00

DESIGN RL's	255.017	255.009	254.971	254.883	254.883	254.773	254.885	254.773	254.733	254.883	254.971	255.009	255.011	255.511
EX.SURFACE	255.012	255.012	255.026	255.051	255.052	255.055	255.087	255.118	255.121	255.122	255.147	255.161	255.161	255.190
OFFSET	-8.006	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

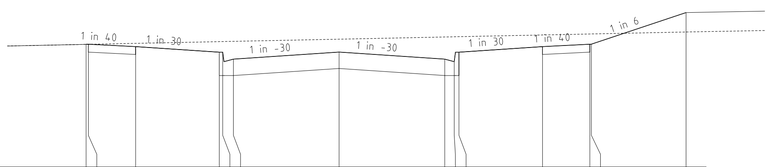
Chainage 320.60



Datum253.00

DESIGN RL's	254.975	254.975	254.937	254.818	254.818	254.738	254.850	254.738	254.698	254.818	254.937	254.974	254.976	255.476
EX.SURFACE	254.975	254.975	254.991	255.018	255.019	255.023	255.057	255.091	255.093	255.095	255.120	255.134	255.134	255.162
OFFSET	-8.008	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

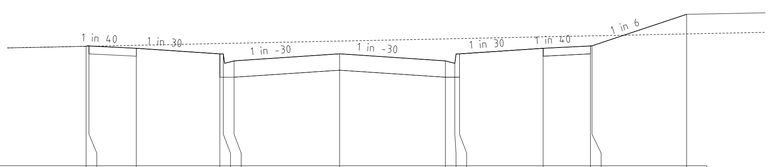
Chainage 315.00



Datum253.00

DESIGN RL's	254.942	254.942	254.906	254.818	254.818	254.708	254.820	254.708	254.668	254.818	254.906	254.944	254.945	255.445
EX.SURFACE	254.942	254.943	254.958	254.985	254.987	254.990	255.025	255.050	255.062	255.064	255.091	255.107	255.107	255.138
OFFSET	-8.021	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 310.10



Datum253.00

DESIGN RL's	254.893	254.898	254.861	254.773	254.773	254.663	254.774	254.663	254.623	254.773	254.861	254.898	254.900	255.400
EX.SURFACE	254.893	254.894	254.910	254.937	254.938	254.942	254.976	255.011	255.014	255.016	255.043	255.058	255.059	255.090
OFFSET	-8.040	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 302.80

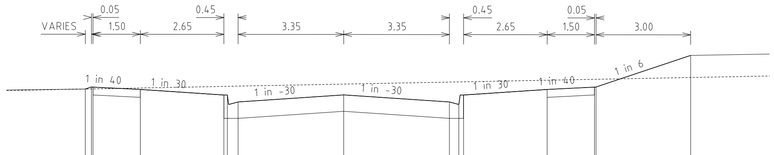
DAYBREAK VISTA
CROSS SECTIONS

HORIZ 1 0 2 4 6m

VERT 0.5 0 1 2 3m

Horiz Scale 1 100 at A1

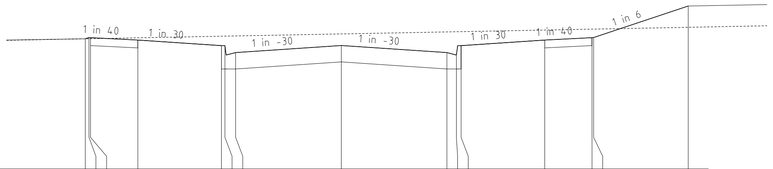
Vert Scale 1 50 at A1



Datum253.00

DESIGN RL's	255.084	255.084	255.116	255.114	255.077	254.989	254.989	254.899	254.990	254.879	254.879	254.989	255.077	255.114	255.116	255.616
EX.SURFACE	255.084	255.086	255.092	255.086	255.100	255.126	255.127	255.130	255.162	255.174	255.177	255.198	255.224	255.238	255.238	255.267
OFFSET	-8.193	-8.000	-7.950	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

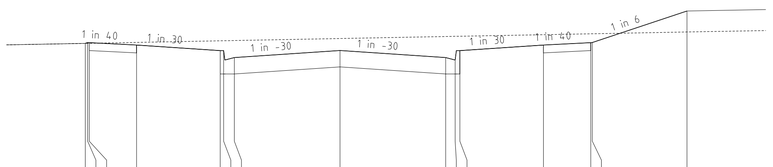
Chainage 337.60



Datum253.00

DESIGN RL's	255.062	255.062	255.081	255.080	255.042	254.844	254.844	254.845	254.956	254.844	254.844	254.934	255.042	255.080	255.081	255.581
EX.SURFACE	255.062	255.063	255.063	255.063	255.078	255.103	255.106	255.107	255.139	255.171	255.173	255.176	255.201	255.215	255.216	255.245
OFFSET	-8.117	-8.000	-7.950	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 332.00



Datum253.00

DESIGN RL's	255.051	255.051	255.063	255.062	255.024	254.836	254.836	254.938	254.938	254.826	254.826	254.936	255.024	255.062	255.063	255.563
EX.SURFACE	255.051	255.051	255.062	255.062	255.066	255.091	255.092	255.096	255.128	255.159	255.162	255.164	255.189	255.203	255.203	255.231
OFFSET	-8.077	-8.000	-7.950	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 329.10

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\r07.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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ABN 47 637 509 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

DAYBREAK VISTA
CROSS SECTIONS

PLAN NUMBER
36182/8
R07

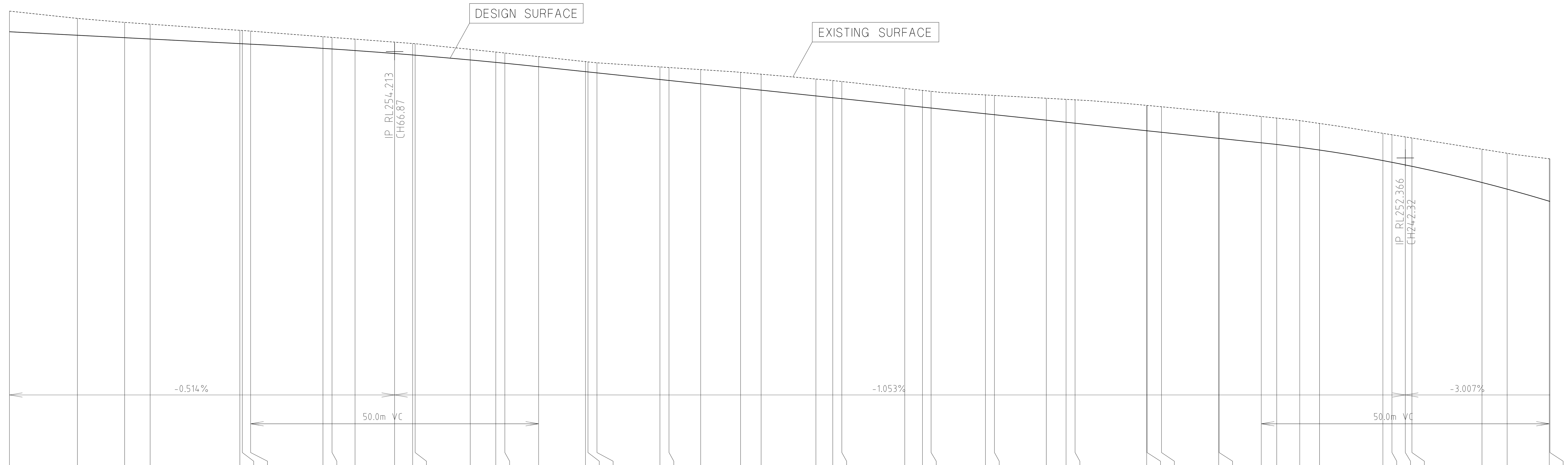
REVISION D

SHEET 7 OF 24

Horizontal Geometry

Vertical Grade

VC length



Datum R.L.247

CHAINAGES	DESIGN CENTRELINE	EXISTING SURFACE
0.00	254.557	254.92
11.80	254.496	254.79
20.00	254.454	254.72
24.43	254.431	254.69
40.00	254.351	254.58
40.43	254.349	254.58
41.87	254.341	254.57
54.43	254.268	254.47
56.00	254.258	254.46
60.00	254.230	254.43
66.87	254.179	254.38
70.00	254.154	254.35
70.43	254.151	254.35
80.00	254.067	254.25
84.43	254.025	254.20
86.00	254.010	254.19
91.87	253.950	254.13
100.00	253.864	254.04
100.43	253.860	254.03
102.00	253.843	254.02
112.93	253.728	253.95
114.50	253.711	253.94
120.00	253.654	253.90
126.93	253.581	253.85
130.50	253.543	253.82
140.00	253.443	253.74
142.93	253.412	253.71
144.50	253.396	253.69
155.43	253.281	253.57
158.50	253.248	253.54
160.00	253.233	253.52
169.43	253.133	253.46
171.00	253.117	253.45
180.00	253.022	253.40
183.43	252.986	253.38
185.00	252.969	253.38
197.43	252.839	253.28
197.50	252.838	253.28
200.00	252.811	253.25
209.93	252.707	253.16
210.00	252.706	253.16
217.32	252.629	253.09
220.00	252.600	253.06
224.00	252.550	253.01
227.43	252.503	252.96
238.43	252.320	252.79
240.00	252.290	252.77
242.32	252.244	252.73
243.48	252.220	252.71
255.63	251.939	252.52
260.00	251.824	252.45
267.32	251.614	252.35
267.43	251.611	252.35

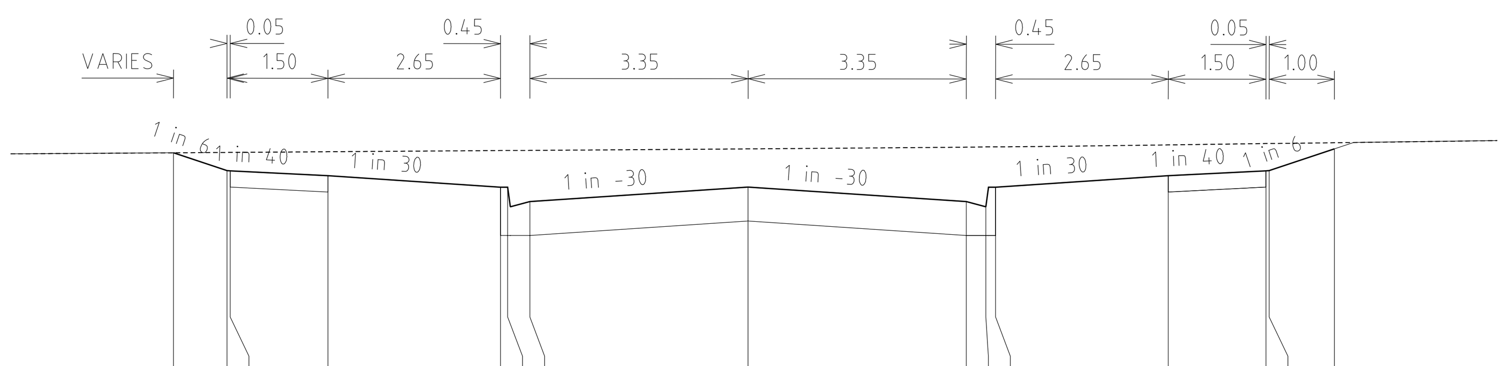
REVEILLE WAY LONGITUDINAL SECTION

HORIZ 5 0 10 20 30m

VERT 0.5 0 1 2 3m

Horiz Scale 1 : 500 at A1

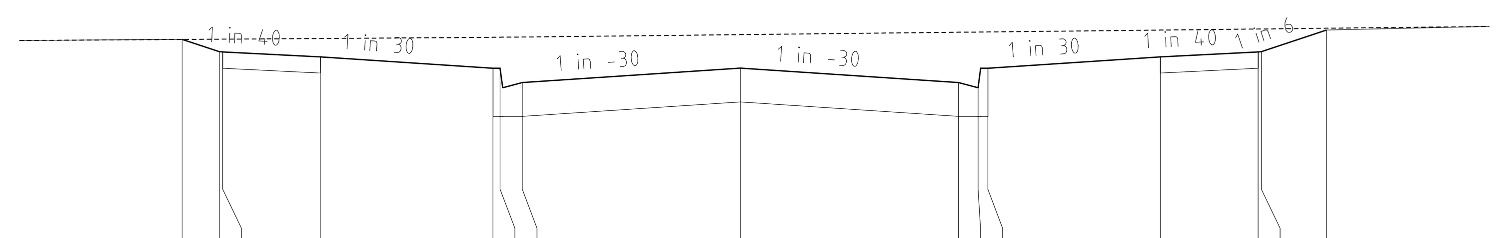
Vert Scale 1 : 50 at A1



Datum253.00

OFFSET	DESIGN RL's	EX.SURFACE
-8.822	254.759	254.759
-8.000	254.622	254.762
-7.950	254.620	254.762
-6.450	254.583	254.767
-3.800	254.494	254.776
-3.690	254.494	254.776
-3.350	254.384	254.777
0.000	254.496	254.789
3.350	254.384	254.802
3.650	254.344	254.804
3.800	254.494	254.804
6.450	254.583	254.819
7.950	254.620	254.829
8.000	254.622	254.830
9.000	254.788	254.836

Chainage 11.80



Datum253.00

OFFSET	DESIGN RL's	EX.SURFACE
-8.571	254.652	254.652
-8.000	254.557	254.654
-7.950	254.555	254.654
-6.450	254.518	254.659
-3.800	254.429	254.668
-3.690	254.429	254.669
-3.350	254.319	254.670
0.000	254.431	254.689
3.350	254.319	254.707
3.650	254.279	254.709
3.800	254.429	254.709
6.450	254.518	254.724
7.950	254.555	254.732
8.000	254.557	254.732
9.000	254.724	254.738

Chainage 24.43

REVEILLE 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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
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B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\r08.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
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DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

REVEILLE WAY
LONGITUDINAL & CROSS SECTIONS

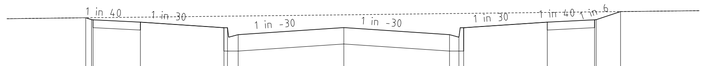
PLAN NUMBER
36182/8
R08

REVISION D

Datum253.00

DESIGN RL's	254.413	254.413	254.382	254.345	254.256	254.256	254.382	254.258	254.146	254.146	254.256	254.345	254.382	254.384	254.511
EX.SURFACE	254.413	254.413	254.414	254.423	254.438	254.438	254.440	254.460	254.479	254.479	254.482	254.497	254.506	254.506	254.511
OFFSET	-8.715	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.763

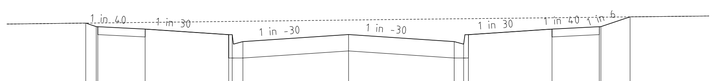
Chainage 56.00



Datum253.00

DESIGN RL's	254.425	254.425	254.394	254.355	254.267	254.267	254.394	254.268	254.157	254.157	254.267	254.355	254.394	254.394	254.523
EX.SURFACE	254.425	254.426	254.426	254.435	254.449	254.450	254.452	254.472	254.491	254.491	254.494	254.509	254.518	254.518	254.523
OFFSET	-8.864	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.773

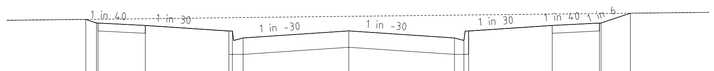
Chainage 54.43



Datum253.00

DESIGN RL's	254.530	254.530	254.473	254.435	254.347	254.347	254.473	254.349	254.237	254.237	254.347	254.435	254.473	254.473	254.629
EX.SURFACE	254.530	254.530	254.532	254.541	254.557	254.557	254.559	254.579	254.598	254.598	254.601	254.615	254.624	254.624	254.629
OFFSET	-8.934	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.926

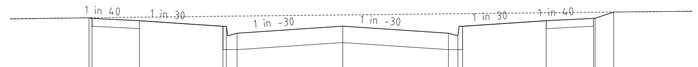
Chainage 40.43



Datum253.00

DESIGN RL's	254.534	254.534	254.477	254.438	254.349	254.349	254.477	254.351	254.239	254.239	254.349	254.438	254.475	254.475	254.632
EX.SURFACE	254.534	254.536	254.536	254.545	254.560	254.561	254.563	254.582	254.601	254.602	254.603	254.618	254.626	254.627	254.632
OFFSET	-8.940	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.929

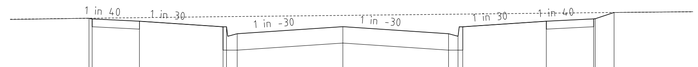
Chainage 40.00



Datum252.00

DESIGN RL's	254.143	254.143	254.134	254.096	254.008	254.008	253.898	254.010	253.898	253.898	254.008	254.096	254.134	254.134	254.234
EX.SURFACE	254.143	254.144	254.144	254.153	254.188	254.188	254.210	254.188	254.206	254.206	254.208	254.222	254.230	254.231	254.234
OFFSET	-8.046	-7.950		-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.591

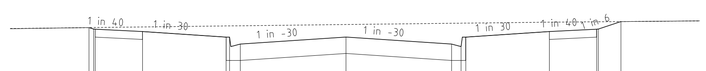
Chainage 86.00



Datum252.00

DESIGN RL's	254.159	254.159	254.149	254.112	254.022	254.022	253.913	254.025	253.913	253.913	254.023	254.112	254.149	254.149	254.251
EX.SURFACE	254.159	254.160	254.160	254.169	254.184	254.185	254.187	254.205	254.224	254.224	254.225	254.239	254.247	254.247	254.251
OFFSET	-8.049	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.599

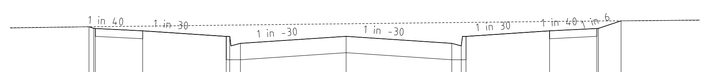
Chainage 84.43



Datum253.00

DESIGN RL's	254.301	254.301	254.276	254.239	254.149	254.149	254.039	254.151	254.039	254.039	254.149	254.237	254.275	254.275	254.396
EX.SURFACE	254.301	254.302	254.302	254.311	254.327	254.327	254.329	254.349	254.369	254.371	254.372	254.387	254.393	254.393	254.396
OFFSET	-8.147	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.718

Chainage 70.43



Datum253.00

DESIGN RL's	254.305	254.305	254.280	254.241	254.152	254.152	254.042	254.154	254.042	254.042	254.152	254.241	254.278	254.278	254.400
EX.SURFACE	254.305	254.306	254.306	254.315	254.331	254.332	254.334	254.353	254.372	254.374	254.375	254.390	254.397	254.397	254.400
OFFSET	-8.152	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	8.718

Chainage 70.00

REVEILLE 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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
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FILENAME: k:\36182\36182_8\dgn\r09.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
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TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

REVEILLE WAY
CROSS SECTIONS

PLAN NUMBER

36182/8
R09

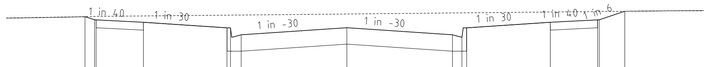
REVISION D

SHEET 9 OF 24

Datum252.00

DESIGN RL's	253.890	253.890	253.836	253.798	253.710	253.710	253.700	253.600	253.711	253.600	253.560	253.710	253.798	253.836	253.837	253.979
EX.SURFACE	253.880	253.889	253.893	253.904	253.977	253.988	253.920	253.936	253.952	253.974	253.955	253.968	253.975	253.975	253.979
OFFSET	-8.317	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	8.852

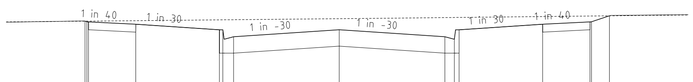
Chainage 114.50



Datum252.00

DESIGN RL's	253.904	253.904	253.844	253.815	253.726	253.726	253.716	253.728	253.626	253.626	253.726	253.815	253.852	253.854	253.989
EX.SURFACE	253.904	253.907	253.907	253.915	253.928	253.928	253.910	253.946	253.963	253.974	253.985	253.978	253.985	253.985	253.989
OFFSET	-8.302	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	8.814

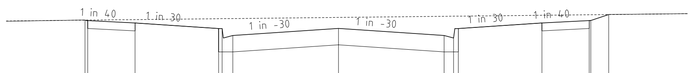
Chainage 112.93



Datum252.00

DESIGN RL's	253.979	253.979	253.949	253.967	253.930	253.841	253.841	253.731	253.843	253.731	253.691	253.841	253.930	253.967	253.967	254.083
EX.SURFACE	253.979	253.980	253.980	253.987	254.000	254.000	254.000	254.002	254.018	254.036	254.037	254.038	254.052	254.060	254.063	254.083
OFFSET	-8.061	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	8.567	8.583

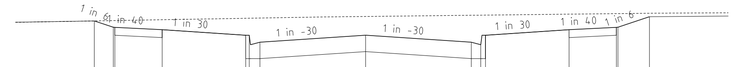
Chainage 102.00



Datum252.00

DESIGN RL's	253.992	253.992	253.984	253.946	253.858	253.858	253.748	253.860	253.748	253.708	253.858	253.946	253.984	253.984	254.080
EX.SURFACE	253.992	253.992	253.994	254.000	254.014	254.015	254.017	254.034	254.052	254.054	254.055	254.069	254.077	254.077	254.080
OFFSET	-8.027	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	8.568

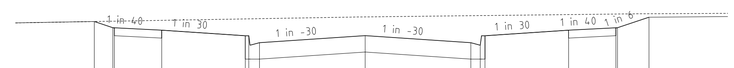
Chainage 100.43



Datum252.00

DESIGN RL's	253.622	253.622	253.522	253.526	253.482	253.394	253.394	253.284	253.396	253.284	253.244	253.314	253.482	253.520	253.522	253.688
EX.SURFACE	253.622	253.627	253.628	253.641	253.664	253.665	253.668	253.693	253.712	253.713	253.714	253.729	253.738	253.738	253.744
OFFSET	-8.603	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

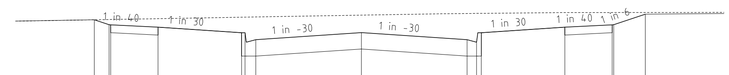
Chainage 144.50



Datum252.00

DESIGN RL's	253.636	253.638	253.558	253.556	253.499	253.411	253.411	253.301	253.412	253.301	253.261	253.411	253.499	253.536	253.558	253.705
EX.SURFACE	253.636	253.641	253.642	253.655	253.678	253.679	253.682	253.710	253.729	253.731	253.731	253.746	253.755	253.755	253.760
OFFSET	-8.588	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

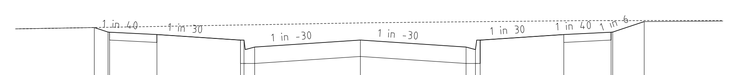
Chainage 142.93



Datum252.00

DESIGN RL's	253.747	253.747	253.669	253.667	253.630	253.561	253.561	253.431	253.543	253.431	253.431	253.561	253.630	253.667	253.669	253.836
EX.SURFACE	253.747	253.751	253.752	253.765	253.788	253.789	253.792	253.821	253.847	253.848	253.849	253.861	253.862	253.862	253.862
OFFSET	-8.470	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 130.50



Datum252.00

DESIGN RL's	253.779	253.779	253.706	253.705	253.667	253.579	253.579	253.469	253.581	253.469	253.469	253.579	253.667	253.705	253.706	253.873
EX.SURFACE	253.779	253.783	253.783	253.796	253.819	253.820	253.823	253.862	253.870	253.872	253.873	253.865	253.889	253.889	253.889
OFFSET	-8.436	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 126.93

REVEILLE 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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\r10.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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ABN 47 637 509 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

REVEILLE WAY
CROSS SECTIONS

PLAN NUMBER
36182/8
R 10

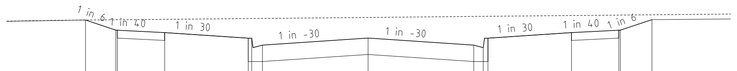
REVISION D

SHEET 10 OF 24

Datum252.00

DESIGN RL's	253.410	253.263	253.241	253.203	253.115	253.105	253.095	253.177	253.095	253.065	253.115	253.203	253.241	253.243	253.409
EX.SURFACE	253.410	253.415	253.415	253.422	253.434	253.435	253.436	253.452	253.468	253.469	253.470	253.482	253.489	253.489	253.494
OFFSET	-9.005	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

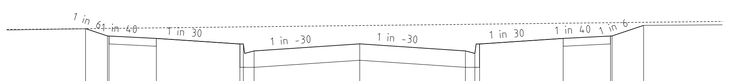
Chainage 171.00



Datum252.00

DESIGN RL's	253.419	253.259	253.257	253.220	253.112	253.102	253.092	253.133	253.092	253.082	253.112	253.220	253.257	253.259	253.426
EX.SURFACE	253.419	253.423	253.423	253.430	253.443	253.445	253.446	253.461	253.476	253.478	253.480	253.491	253.498	253.498	253.503
OFFSET	-8.958	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

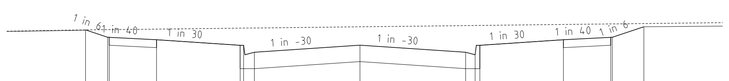
Chainage 169.43



Datum252.00

DESIGN RL's	253.490	253.374	253.372	253.335	253.247	253.247	253.137	253.248	253.137	253.097	253.247	253.335	253.372	253.374	253.541
EX.SURFACE	253.490	253.494	253.494	253.502	253.517	253.518	253.520	253.539	253.558	253.560	253.561	253.576	253.584	253.584	253.590
OFFSET	-8.693	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

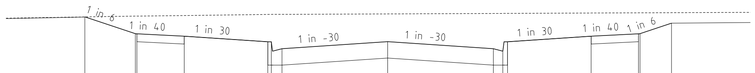
Chainage 158.50



Datum252.00

DESIGN RL's	253.523	253.406	253.405	253.367	253.279	253.279	253.169	253.281	253.169	253.129	253.279	253.367	253.405	253.406	253.573
EX.SURFACE	253.523	253.527	253.528	253.536	253.551	253.552	253.554	253.573	253.592	253.593	253.594	253.609	253.618	253.618	253.624
OFFSET	-8.701	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

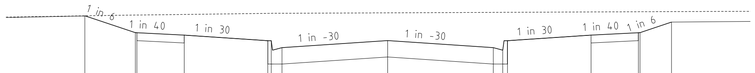
Chainage 155.43



Datum251.00

DESIGN RL's	253.230	252.944	252.942	252.924	252.836	252.836	252.726	252.838	252.726	252.686	252.836	252.924	252.942	252.944	253.130
EX.SURFACE	253.230	253.242	253.243	253.252	253.269	253.270	253.271	253.278	253.285	253.286	253.286	253.292	253.295	253.295	253.297
OFFSET	-9.601	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 197.50



Datum251.00

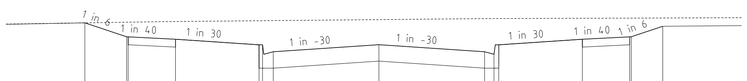
DESIGN RL's	253.231	252.944	252.943	252.925	252.837	252.837	252.727	252.839	252.727	252.687	252.837	252.925	252.943	252.944	253.131
EX.SURFACE	253.231	253.243	253.243	253.253	253.270	253.271	253.272	253.279	253.286	253.286	253.287	253.292	253.295	253.296	253.298
OFFSET	-9.600	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 197.43

Datum251.00

DESIGN RL's	253.322	253.095	253.094	253.056	252.968	252.968	252.858	252.969	252.858	252.818	252.968	253.056	253.094	253.095	253.262
EX.SURFACE	253.322	253.333	253.333	253.345	253.358	253.359	253.360	253.375	253.387	253.387	253.388	253.393	253.396	253.396	253.398
OFFSET	-9.362	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 185.00



Datum251.00

DESIGN RL's	253.332	253.112	253.110	253.073	252.984	252.984	252.874	252.986	252.874	252.834	252.984	253.073	253.110	253.112	253.278
EX.SURFACE	253.332	253.343	253.343	253.354	253.366	253.367	253.368	253.384	253.390	253.390	253.391	253.405	253.408	253.408	253.410
OFFSET	-9.323	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 183.43

REVEILLE 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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

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SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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HUME CITY COUNCIL

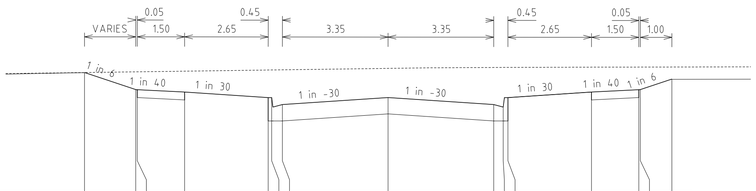
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

REVEILLE WAY
CROSS SECTIONS

PLAN NUMBER
36182/8
R 11

REVISION D

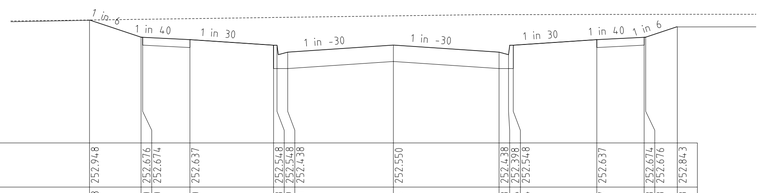
SHEET 11 OF 24



Datum251.00

DESIGN RL's	252.899	252.629	252.627	252.589	252.501	252.501	252.391	252.503	252.391	252.501	252.501	252.589	252.627	252.629	252.795
EX.SURFACE	252.899	252.910	252.911	252.921	252.939	252.940	252.942	252.965	252.979	252.980	252.980	252.984	252.985	252.986	252.987
OFFSET	-9.624	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

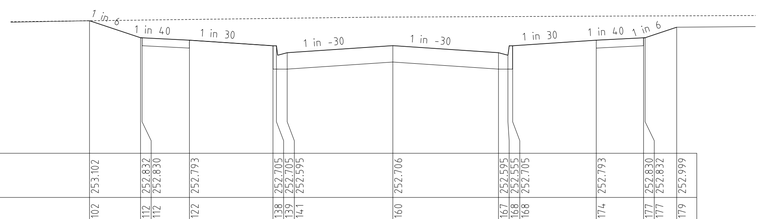
Chainage 227.43



Datum251.00

DESIGN RL's	252.948	252.676	252.674	252.637	252.548	252.548	252.548	252.550	252.548	252.548	252.548	252.637	252.674	252.676	252.843
EX.SURFACE	252.948	252.960	252.960	252.970	252.988	252.989	252.991	253.014	253.033	253.034	253.034	253.037	253.038	253.038	253.038
OFFSET	-9.635	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

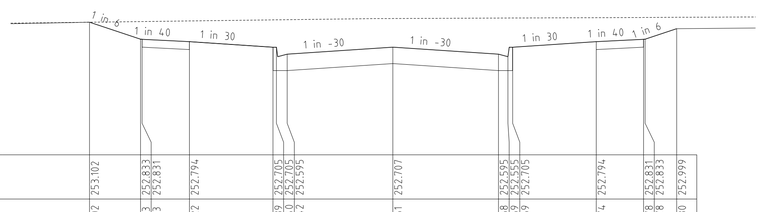
Chainage 224.00



Datum251.00

DESIGN RL's	253.102	252.832	252.830	252.793	252.705	252.705	252.705	252.706	252.595	252.595	252.595	252.793	252.830	252.832	252.999
EX.SURFACE	253.102	253.112	253.112	253.122	253.138	253.139	253.141	253.160	253.167	253.168	253.168	253.174	253.177	253.177	253.179
OFFSET	-9.617	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

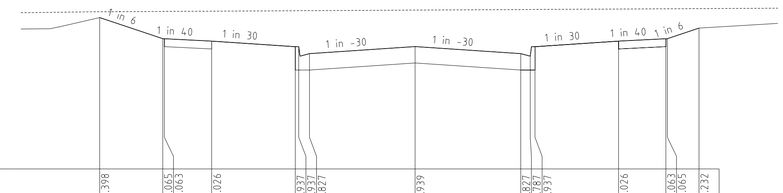
Chainage 210.00



Datum251.00

DESIGN RL's	253.102	252.833	252.831	252.794	252.705	252.705	252.705	252.707	252.595	252.595	252.595	252.794	252.831	252.833	252.999
EX.SURFACE	253.102	253.113	253.113	253.122	253.139	253.140	253.142	253.161	253.168	253.169	253.169	253.174	253.178	253.178	253.180
OFFSET	-9.617	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

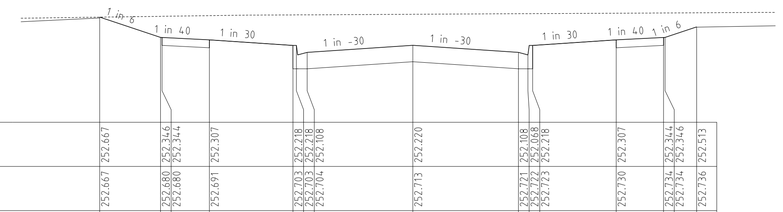
Chainage 209.93



Datum250.00

DESIGN RL's	252.398	252.065	252.063	252.026	251.937	251.937	251.937	251.939	251.827	251.827	251.827	252.026	252.063	252.065	252.232
EX.SURFACE	252.491	252.497	252.497	252.501	252.518	252.518	252.519	252.518	252.526	252.528	252.528	252.535	252.538	252.539	252.541
OFFSET	-10.000	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

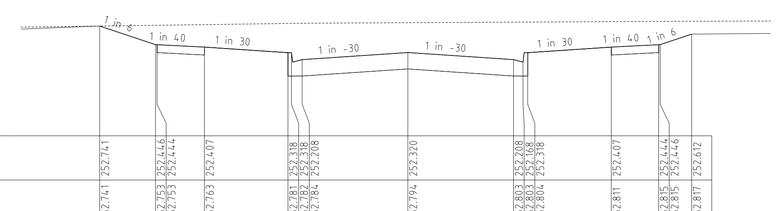
Chainage 255.63



Datum251.00

DESIGN RL's	252.667	252.346	252.344	252.307	252.218	252.218	252.218	252.220	252.218	252.218	252.218	252.307	252.344	252.346	252.513
EX.SURFACE	252.667	252.680	252.680	252.691	252.703	252.703	252.704	252.713	252.721	252.723	252.723	252.730	252.734	252.734	252.736
OFFSET	-9.927	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 243.48



Datum251.00

DESIGN RL's	252.741	252.446	252.444	252.407	252.318	252.318	252.318	252.320	252.318	252.318	252.318	252.407	252.444	252.446	252.612
EX.SURFACE	252.741	252.753	252.753	252.763	252.781	252.782	252.784	252.794	252.803	252.804	252.804	252.811	252.815	252.815	252.817
OFFSET	-9.769	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	9.000

Chainage 238.43

REVEILLE 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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\r12.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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HUME CITY COUNCIL

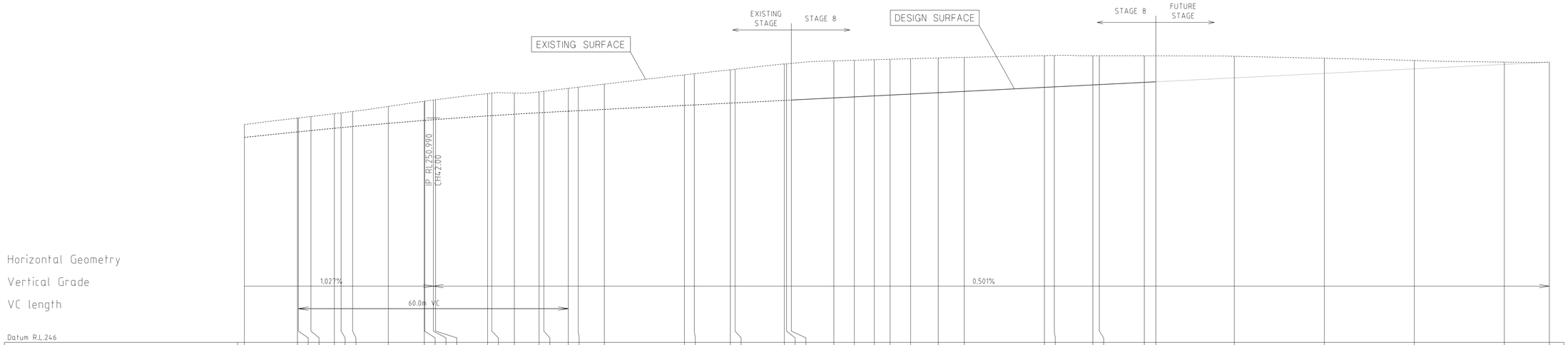
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

REVEILLE WAY
CROSS SECTIONS

PLAN NUMBER
36182/8
R 12

REVISION D

SHEET 12 OF 24

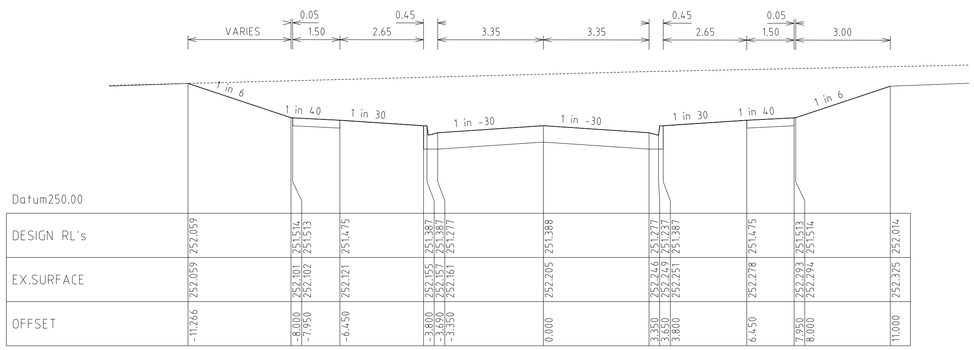


CHAINAGES	DESIGN CENTRELINE	EXISTING SURFACE
0.00	250.559	250.84
11.80	250.680	250.99
12.00	250.682	250.99
14.80	250.710	251.02
20.00	250.761	251.08
21.50	250.775	251.10
24.06	250.799	251.14
32.00	250.870	251.25
40.00	250.935	251.36
40.06	250.936	251.36
42.00	250.951	251.39
42.50	250.954	251.39
54.06	251.036	251.53
55.00	251.042	251.54
60.00	251.074	251.54
65.50	251.106	251.57
66.56	251.112	251.58
72.00	251.140	251.65
74.20	251.151	251.67
80.00	251.180	251.74
97.80	251.269	251.95
100.00	251.280	251.97
108.00	251.320	252.06
109.06	251.326	252.07
120.00	251.381	252.19
120.50	251.383	252.20
121.56	251.388	252.20
131.00	251.436	252.26
135.56	251.458	252.27
140.00	251.481	252.29
143.50	251.498	252.30
148.06	251.521	252.31
154.20	251.552	252.32
160.00	251.581	252.34
177.80	251.670	252.38
180.00	251.681	252.38
188.56	251.724	252.37
190.00	251.731	252.37
200.00	251.781	252.37
202.56	251.794	252.37
220.00	251.881	252.36
240.00	251.981	252.32
260.00	252.082	252.27
280.00	252.182	252.23
290.01	252.232	252.23

NEBULA CRESCENT
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



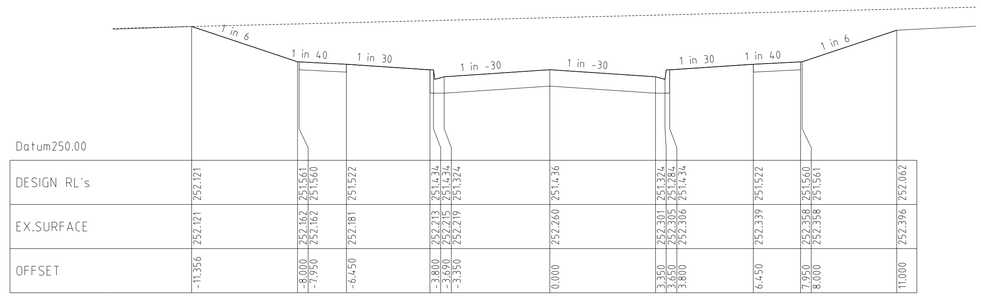
DESIGN RL's	252.059	252.059	251.514	251.513	251.475	251.387	251.387	251.277	251.388	251.277	251.237	251.387	251.475	251.513	251.514	252.014
EX.SURFACE	252.059	252.101	252.102	252.121	252.155	252.167	252.161	252.205	252.246	252.249	252.251	252.278	252.293	252.294	252.325	
OFFSET	-11.266	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000	

Chainage 121.56

NEBULA CRESCENT
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



DESIGN RL's	252.121	251.561	251.560	251.522	251.434	251.324	251.324	251.436	251.324	251.284	251.434	251.522	251.560	251.561	252.062	
EX.SURFACE	252.121	252.162	252.162	252.181	252.213	252.219	252.219	252.260	252.301	252.305	252.308	252.339	252.358	252.358	252.396	
OFFSET	-11.356	-8.000	-7.950	-6.450	-3.800	-3.690	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000	

Chainage 131.00

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FILENAME: k:\36182\36182_8\dgn\r13.dgn

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HUME CITY COUNCIL

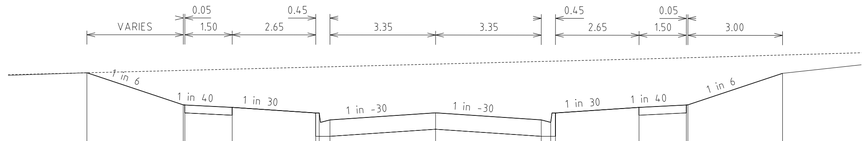
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

NEBULA CRESCENT
LONGITUDINAL & CROSS SECTIONS

PLAN NUMBER
36182/8
R 13

REVISION D

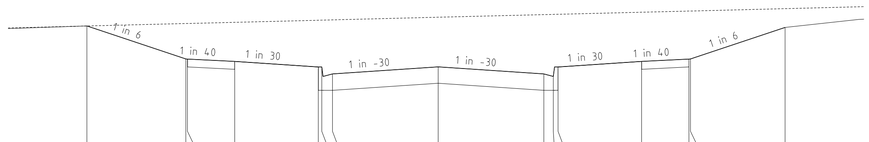
SHEET 13 OF 24



Datum250.00

DESIGN RL's	252.187	251.678	251.676	251.638	251.550	251.550	251.440	251.552	251.440	251.400	251.550	251.638	251.676	251.678	252.178
EX.SURFACE	252.187	252.225	252.226	252.244	252.277	252.279	252.283	252.325	252.366	252.370	252.372	252.405	252.425	252.425	252.468
OFFSET	-11.055	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

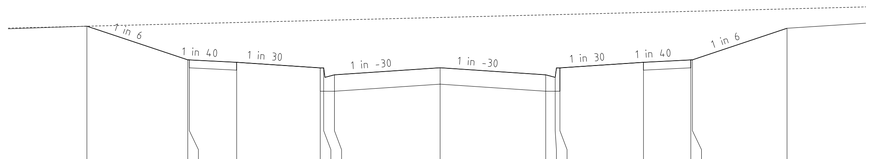
Chainage 154.20



Datum250.00

DESIGN RL's	252.170	251.647	251.645	251.608	251.519	251.519	251.409	251.521	251.409	251.369	251.519	251.608	251.645	251.647	252.147
EX.SURFACE	252.170	252.209	252.209	252.228	252.261	252.262	252.267	252.308	252.350	252.353	252.355	252.388	252.406	252.407	252.445
OFFSET	-11.137	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

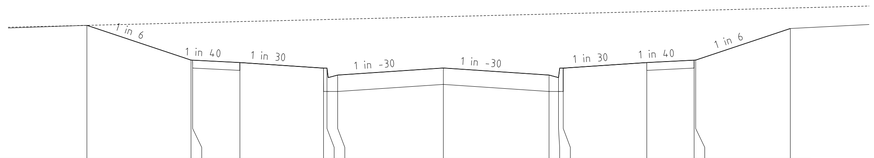
Chainage 148.06



Datum250.00

DESIGN RL's	252.157	251.624	251.622	251.585	251.497	251.497	251.387	251.498	251.387	251.347	251.497	251.585	251.622	251.624	252.124
EX.SURFACE	252.157	252.197	252.197	252.216	252.249	252.250	252.255	252.296	252.337	252.340	252.342	252.375	252.393	252.394	252.432
OFFSET	-11.197	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

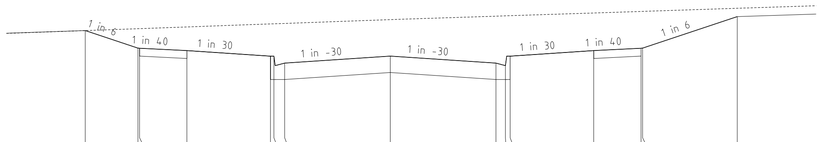
Chainage 143.50



Datum250.00

DESIGN RL's	252.135	251.584	251.583	251.545	251.457	251.457	251.347	251.458	251.347	251.307	251.457	251.545	251.583	251.584	252.084
EX.SURFACE	252.135	252.175	252.176	252.194	252.224	252.228	252.232	252.273	252.314	252.317	252.319	252.352	252.371	252.371	252.409
OFFSET	-11.301	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

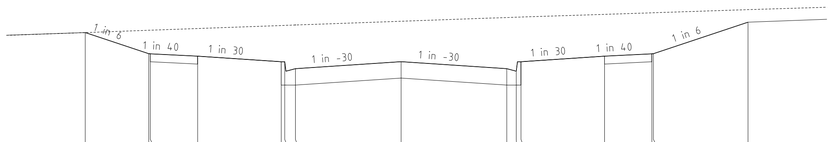
Chainage 135.56



Datum250.00

DESIGN RL's	252.199	251.920	251.918	251.881	251.792	251.792	251.682	251.794	251.682	251.642	251.792	251.881	251.918	251.920	252.420
EX.SURFACE	252.199	252.229	252.229	252.256	252.304	252.306	252.312	252.372	252.427	252.432	252.434	252.477	252.502	252.503	252.552
OFFSET	-9.672	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

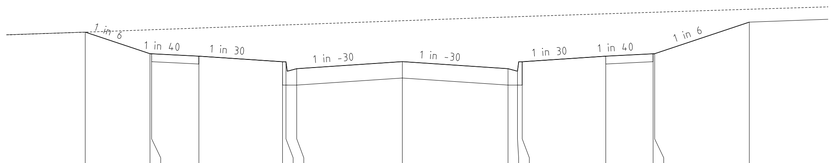
Chainage 202.56



Datum250.00

DESIGN RL's	252.193	251.857	251.855	251.818	251.729	251.729	251.619	251.731	251.619	251.579	251.729	251.818	251.855	251.857	252.357
EX.SURFACE	252.193	252.229	252.230	252.257	252.304	252.306	252.312	252.372	252.431	252.436	252.438	252.482	252.506	252.507	252.556
OFFSET	-10.015	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

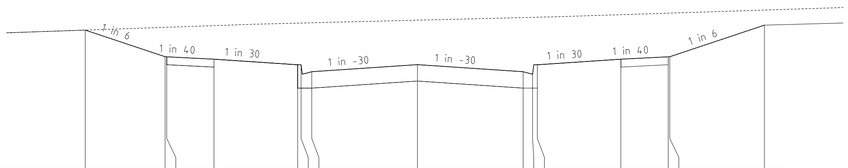
Chainage 190.00



Datum250.00

DESIGN RL's	252.192	251.850	251.848	251.811	251.722	251.722	251.612	251.724	251.612	251.572	251.722	251.811	251.848	251.850	252.350
EX.SURFACE	252.192	252.229	252.230	252.257	252.304	252.306	252.312	252.372	252.432	252.436	252.439	252.482	252.506	252.507	252.554
OFFSET	-10.054	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 188.56



Datum250.00

DESIGN RL's	252.218	251.796	251.794	251.757	251.668	251.668	251.558	251.670	251.558	251.518	251.668	251.757	251.794	251.796	252.296
EX.SURFACE	252.218	252.262	252.263	252.289	252.328	252.330	252.334	252.375	252.417	252.420	252.422	252.463	252.487	252.488	252.536
OFFSET	-10.533	-8.000	-7.950	-6.450	-3.800	-3.650	-3.350	0.000	3.350	3.650	3.800	6.450	7.950	8.000	11.000

Chainage 177.80

NEBULA CRESCENT 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

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FILENAME: k:\36182\36182_8\dgn\r14.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
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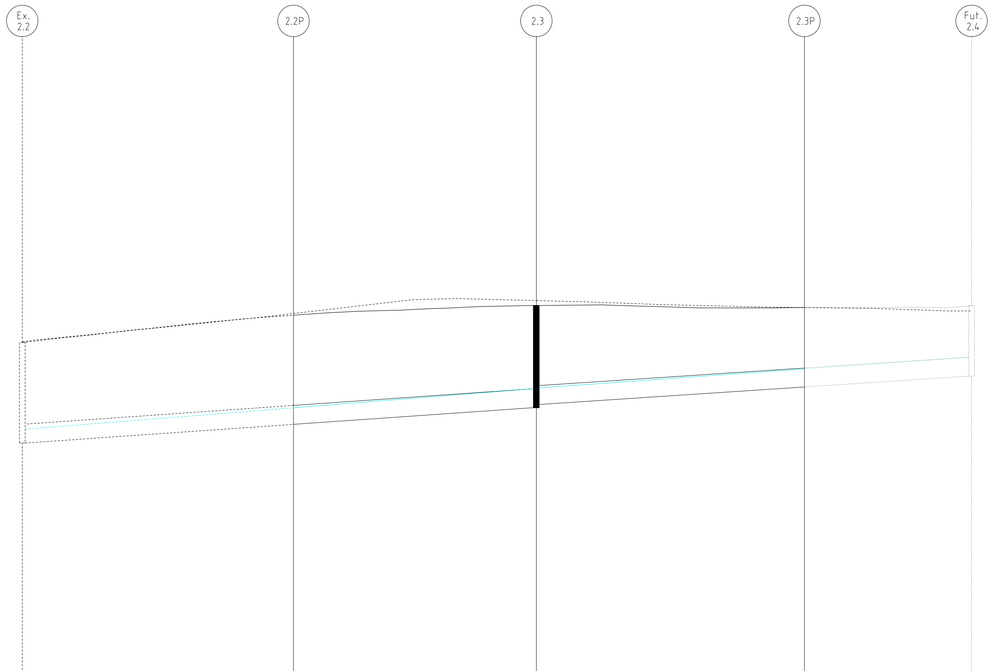
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

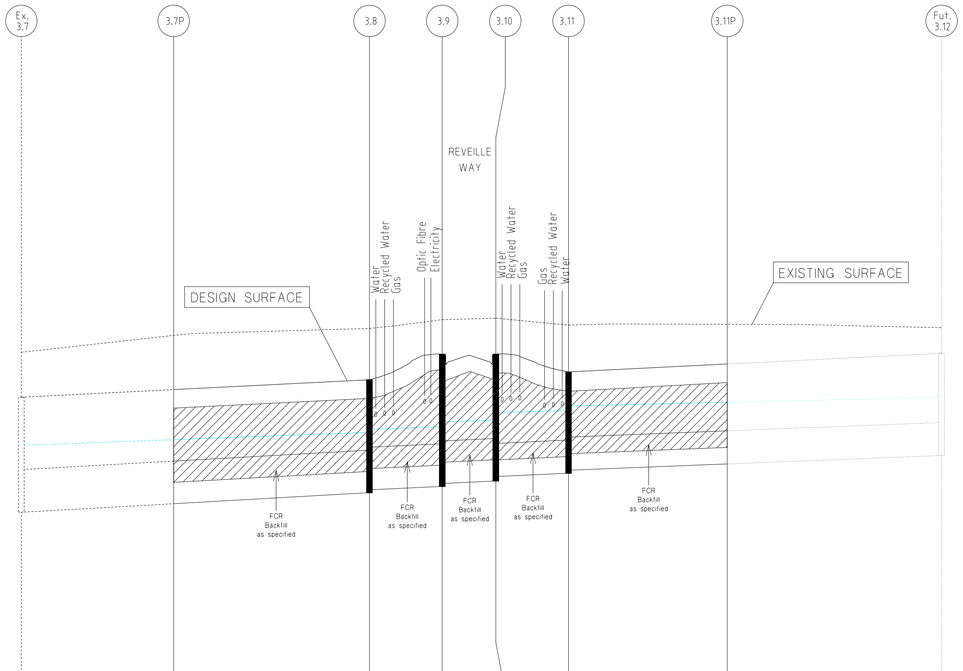
NEBULA CRESCENT
CROSS SECTIONS

PLAN NUMBER
36182/8
R 14

REVISION D

SHEET 14 OF 24





CAPACITY (m3/s)					0.080			0.078							0.625		0.554	0.540	0.283	0.268				
FLOW (m3/s)					0.079			0.041							0.509		0.492	0.482	0.224	0.208				
VELOCITY (m/s)					1.293			1.122							1.946		1.748	1.704	1.451	1.368				
PIPE SIZE (mm)					300RCP			300RCP							675RCP		675RCP	675RCP	525RCP	525RCP				
GRADE					1 in 146			1 in 153							1 in 181		1 in 231	1 in 243	1 in 231	1 in 257				
Datum R.L.		243.000												244.000										
DEPTH TO INVERT	1.593	1.593	1.730	1.619	1.569	1.261	1.116	1.096	1.821	1.821	1.809	1.792	1.742	2.097	2.047	2.012	1.937	1.606	1.556	1.584	1.623	1.573		
H.G.L. LEVELS	249.780		250.118	250.420	250.433	250.734	250.920		250.525		250.613	250.727	250.779	250.818	250.896	250.923	251.044	251.075	251.146	251.205	251.285	251.308		
INVERT LEVELS	249.560	249.560	249.855	250.120	250.170	250.448	250.620		249.465	249.465	249.598	249.770	249.820	249.870	249.920	249.955	250.030	250.080	250.130	250.228	250.360	250.410		
FINISHED SURFACE LEVELS	251.153		251.585	251.739		251.709	251.736		251.286		251.407	251.562		251.967		251.967		251.686		251.812	251.983			
CHAINAGE	0.000		43.000	81.500		124.000	150.500		0.000		24.160	55.200		66.726		75.226		86.752		111.912	145.896			

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

DRAINAGE LONGITUDINAL SECTIONS

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

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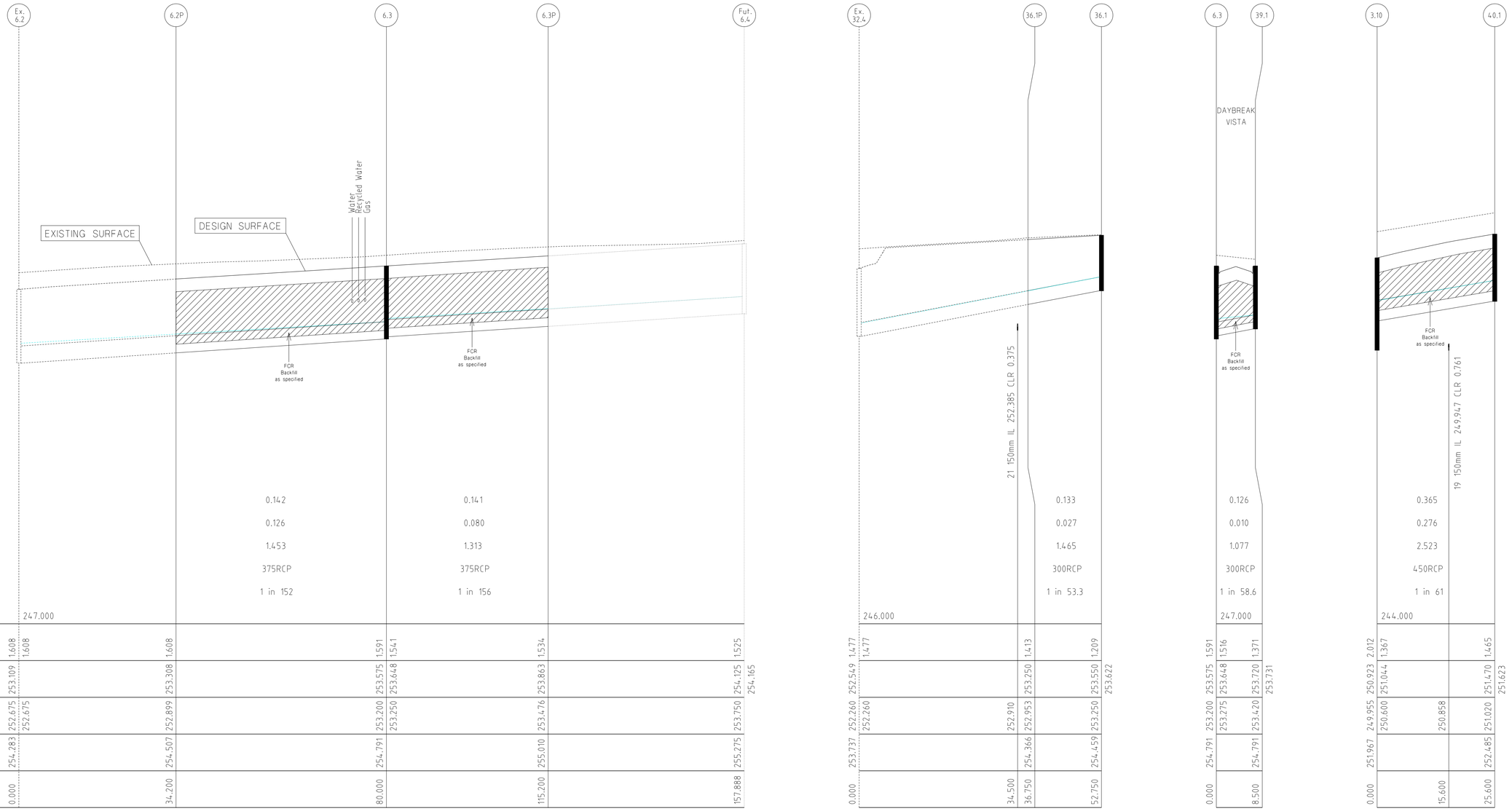
535 MOUNT RIDLEY ROAD
MICKLEHAM

DRAINAGE LONGITUDINAL SECTION

PLAN NUMBER
36182/8
R 15

REVISION D

SHEET 15 OF 24



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

DRAINAGE LONGITUDINAL SECTIONS

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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

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SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	Ltopo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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HUME CITY COUNCIL

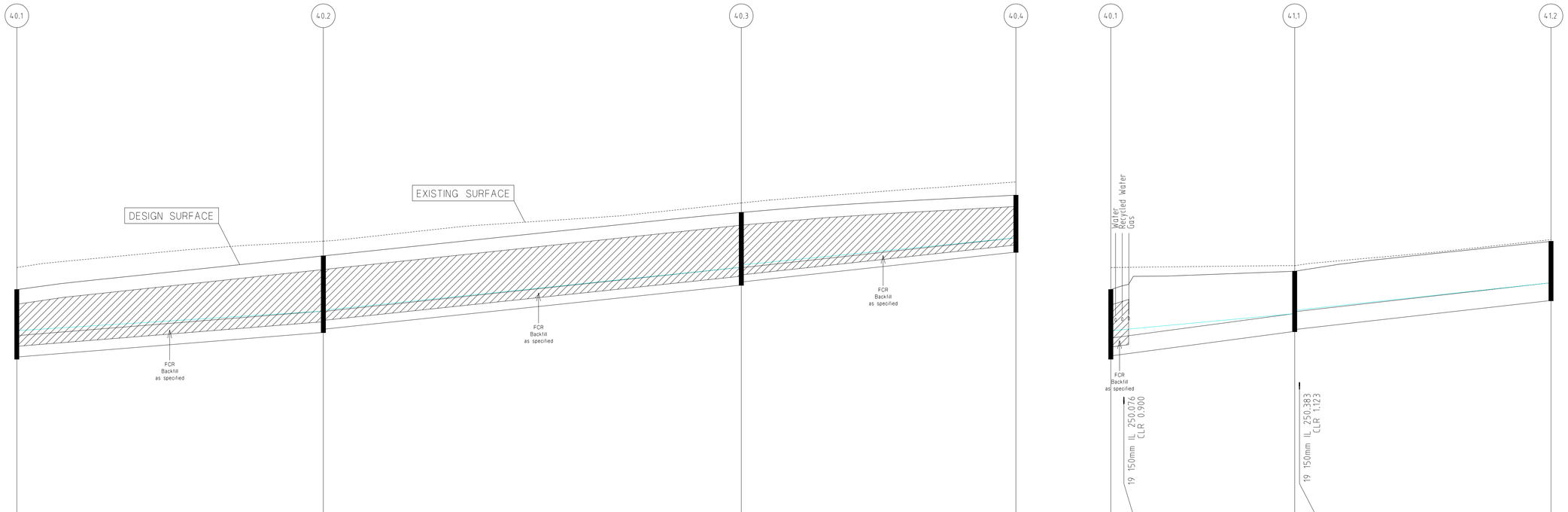
VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

DRAINAGE LONGITUDINAL SECTION

PLAN NUMBER
36182/8
R16

REVISION D

SHEET 16 OF 24



CAPACITY (m3/s)			0.253				0.179				0.100				0.200			0.185		
FLOW (m3/s)			0.157				0.104				0.026				0.125			0.129		
VELOCITY (m/s)			1.677				1.684				1.192				1.912			1.809		
PIPE SIZE (mm)			450RCP				375RCP				300RCP				375RCP			375RCP		
GRADE			1 in 127				1 in 95.7				1 in 93.3				1 in 76.7			1 in 90		
Datum R.L.		245.000												245.000						
DEPTH TO INVERT	1.465	1.415			1.615	1.540				1.533	1.458		1.203	1.465	1.390		1.271	1.221		1.251	1.201
H.G.L. LEVELS	251.470	251.623			252.030	252.055				252.950	253.009		253.570	253.640	251.470	251.623		251.975	252.054		252.625	252.639
INVERT LEVELS	251.020	251.070			251.580	251.655				252.575	252.650		253.270		251.020	251.095 251.126		251.600	251.650 251.656		252.250	252.300
FINISHED SURFACE LEVELS	252.485				253.195					254.108			254.473		252.485			252.871			253.501	
CHAINAGE	25.600				90.182					178.250			236.100		0.000	2.750		38.750	1.000		92.750	

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

DRAINAGE LONGITUDINAL SECTIONS

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

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TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
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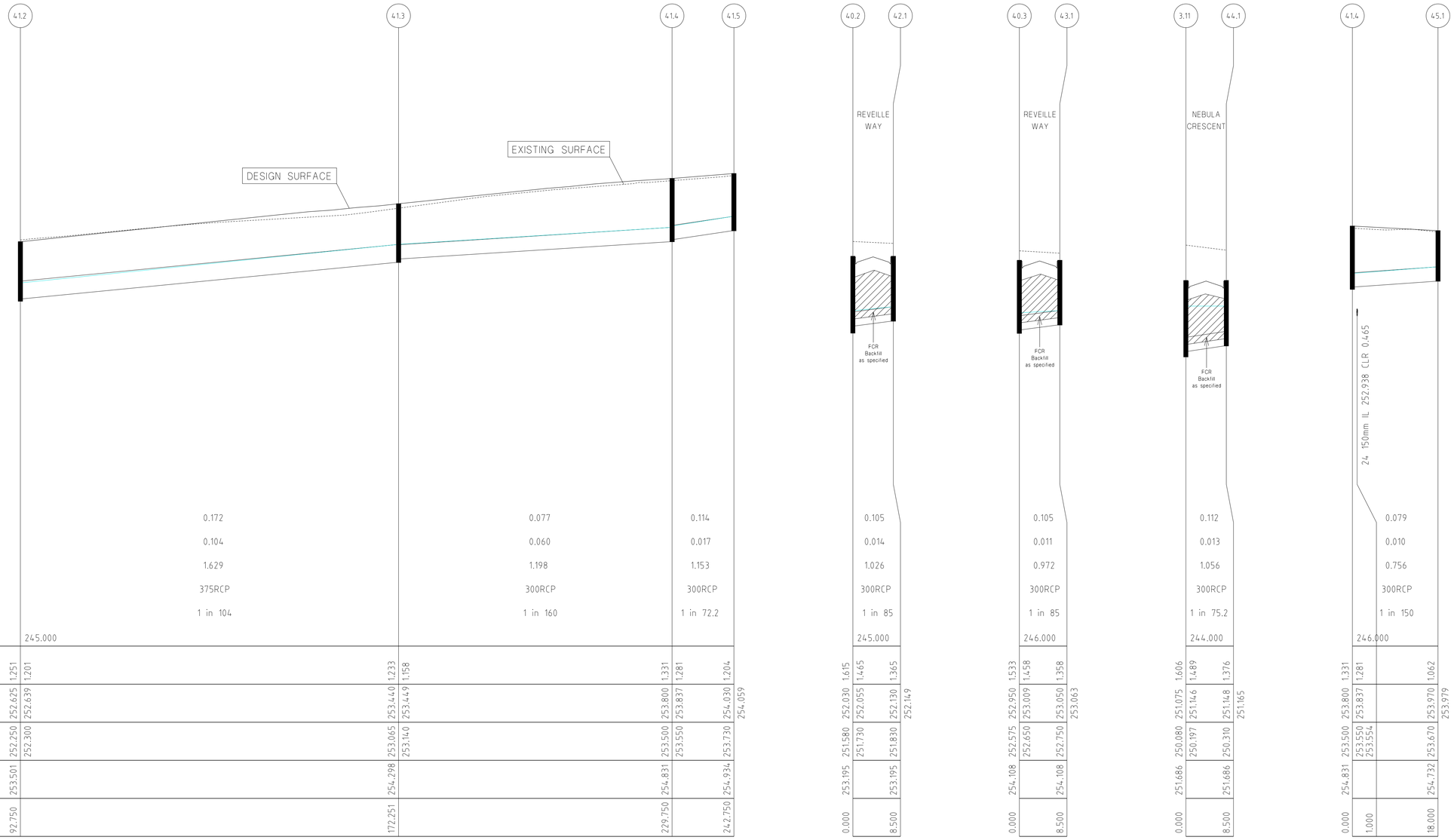
DRAINAGE LONGITUDINAL SECTION

PLAN NUMBER
36182/8
R17

REVISION D



CAPACITY (m3/s)			0.172					0.077				0.114				0.105				0.105				0.112				0.079		
FLOW (m3/s)			0.104					0.060				0.017				0.014				0.011				0.013				0.010		
VELOCITY (m/s)			1.629					1.198				1.153				1.026				0.972				1.056				0.756		
PIPE SIZE (mm)			375RCP					300RCP				300RCP				300RCP				300RCP				300RCP				300RCP		
GRADE			1 in 104					1 in 160				1 in 72.2				1 in 85				1 in 85				1 in 75.2				1 in 150		
Datum R.L.		245.000														245.000				246.000				244.000				246.000		
DEPTH TO INVERT	1.251	1.201				1.233	1.158				1.331	1.281		1.204	1.615	1.465		1.365	1.533	1.458		1.358	1.606	1.489		1.376	1.331	1.281		1.062
H.G.L. LEVELS	252.625	252.639				253.440	253.449				253.800	253.837		254.030	252.030	252.055		252.130	252.950	253.009		253.050	251.075	251.146		251.148	253.800	253.837		253.970
														254.059				252.149				253.063				251.165				253.979
INVERT LEVELS	252.250	252.300				253.065	253.140				253.500	253.550		253.730	251.580	251.730		251.830	252.575	252.650		252.750	250.080	250.197		250.310	253.500	253.550		253.670
																												253.554		
FINISHED SURFACE LEVELS	253.501					254.298					254.831			254.934	253.195			253.195	254.108			254.108	251.686			251.686	254.831			254.732
CHAINAGE	92.750					172.251					229.750			242.750	0.000			8.500	0.000			8.500	0.000			8.500	0.000	1.000		18.000

NOTE:
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DRAINAGE LONGITUDINAL SECTIONS

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VERT. 0.5 0 1 2 3m

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TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

DRAINAGE LONGITUDINAL SECTION

PLAN NUMBER
36182/8
R 18

REVISION D

SHEET 18 OF 24

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
Fut.2.4 JP	Future	3664.692	9938.26			300	250.62	251.736	1.116	Future Pit
2.3 P	-	3690.957	9934.739	300	250.448	300	250.448	251.709	1.261	End Capped (Future Pipe to Pipe Connection)
2.3 JP	900 x 600	3733.08	9929.091	300	250.17	300	250.12	251.739	1.619	GAA014; SD275(CIRCULAR PIT LID)
2.2 P	-	3771.239	9923.975	300	249.855	300	249.855	251.585	1.73	Pipe to Pipe Connection
Ex.2.2 JP	Existing	3813.857	9918.261	300	249.56			251.153	1.593	Existing Pit
Fut.3.12 JP	Future	3663.022	9982.121	525	250.41	525	250.36	251.983	1.623	Future Pit
3.11 P	-	3696.704	9977.605	525	250.228	525	250.228	251.812	1.584	End Capped (Future Pipe to Pipe Connection)
3.11 SEP	900 x 750	3721.641	9974.262	525	250.13	525	250.08	251.686	1.606	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
				300	250.197			251.686	1.606	Line 44 Enters
3.10 SEP	900 x 900	3730.802	9981.256	525	250.03	675	249.955	251.967	2.012	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
				450	250.6			251.967	2.012	Line 40 Enters
3.9 SEP	900 x 900	3739.226	9980.127	675	249.92	675	249.87	251.967	2.097	GAA012(HAUNCHED); SD275(CIRCULAR PIT LID)
3.8 JP	900 x 900	3746.221	9970.966	675	249.82	675	249.77	251.562	1.792	GAA014(HAUNCHED); SD275(CIRCULAR PIT LID)
3.7 P	-	3776.986	9966.841	675	249.598	675	249.598	251.407	1.809	Pipe to Pipe Connection
Ex.3.7 SEP	Existing	3800.932	9963.631	675	249.465			251.286	1.821	Existing Pit
Fut.6.4 SEP	Future	3679.981	10249.673			375	253.75	255.275	1.525	Future Pit
6.3 P	-	3722.291	10244	375	253.476	375	253.476	255.01	1.534	End Capped (Future Pipe to Pipe Connection)
6.3 SEP	900 x 600	3757.179	10239.322	375	253.25	375	253.2	254.791	1.591	GAA012; SD275(CIRCULAR PIT LID)
				300	253.275			254.791	1.591	Line 39 Enters
6.2 P	-	3802.573	10233.236	375	252.899	375	252.899	254.507	1.608	Pipe to Pipe Connection
Ex.6.2 SEP	Existing	3836.469	10228.692	375	252.675			254.283	1.608	Existing Pit
36.1 JP	900 x 600	3786.518	10191.752			300	253.25	254.459	1.209	GAA014; SD275(CIRCULAR PIT LID)
36.1 P	-	3802.376	10189.626	300	252.953	300	252.953	254.366	1.413	Pipe to Pipe Connection
Ex.32.4 JP	Existing	3838.8	10184.742	300	252.26			253.737	1.477	Existing Pit
39.1 SEP	900 x 600	3756.049	10230.898			300	253.42	254.791	1.371	GAA012; SD275(CIRCULAR PIT LID)
40.4 JP	900 x 600	3762.176	10215.263			300	253.27	254.473	1.203	GAA014; SD275(CIRCULAR PIT LID)
40.3 SEP	900 x 600	3754.489	10157.925	300	252.65	375	252.575	254.108	1.533	GAA012; SD275(CIRCULAR PIT LID)
				300	252.65			254.108	1.533	Line 43 Enters
40.2 SEP	900 x 600	3742.786	10070.639	375	251.655	450	251.58	253.195	1.615	GAA012; SD275(CIRCULAR PIT LID)
				300	251.73			253.195	1.615	Line 42 Enters
40.1 JP	900 x 600	3734.204	10006.629	450	251.07	450	251.02	252.485	1.465	GAA014; SD275(CIRCULAR PIT LID); HEAVY DUTY LID - CLASS D
				375	251.095			252.485	1.465	Line 41 Enters
41.5 JP	900 x 600	3722.906	10213.97			300	253.73	254.934	1.204	GAA014; SD275(CIRCULAR PIT LID)
41.4 JP	900 x 600	3721.179	10201.085	300	253.55	300	253.5	254.831	1.331	GAA014; SD275(CIRCULAR PIT LID)
				300	253.55			254.831	1.331	Line 45 Enters
41.3 JP	900 x 600	3713.538	10144.095	300	253.14	375	253.065	254.298	1.233	GAA014; SD275(CIRCULAR PIT LID)
41.2 JP	900 x 600	3702.973	10065.3	375	252.3	375	252.25	253.501	1.251	GAA014; SD275(CIRCULAR PIT LID)
41.1 JP	900 x 600	3695.797	10011.779	375	251.65	375	251.6	252.871	1.271	GAA014; SD275(CIRCULAR PIT LID)

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
42.1 SEP	900 x 600	3751.21	10069.509			300	251.83	253.195	1.365	GAA012; SD275(CIRCULAR PIT LID)
43.1 SEP	900 x 600	3762.913	10156.796			300	252.75	254.108	1.358	GAA012; SD275(CIRCULAR PIT LID)
44.1 SEP	900 x 600	3720.512	9965.837			300	250.31	251.686	1.376	GAA012; SD275(CIRCULAR PIT LID)
45.1 JP	900 x 600	3739.019	10198.693			300	253.67	254.732	1.062	GAA014; SD275(CIRCULAR PIT LID)

NOTE:

1. xy setout to pit centre
2. setout level to pit cover level

VERSION DETAILS

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VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

DRAINAGE PIT SCHEDULE

PLAN NUMBER
36182/8
R 19

REVISION D

SHEET 19 OF 24

LINEMARKING PLAN

5 0 10 20 30m

Scale 1:500 at A1

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

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VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
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LINEMARKING & SIGNAGE PLAN

PLAN NUMBER
36182/8
R20

REVISION D

SHEET 20 OF 24

VERSION DETAILS					
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

PARKING PLAN

PLAN NUMBER
36182/8
R 21

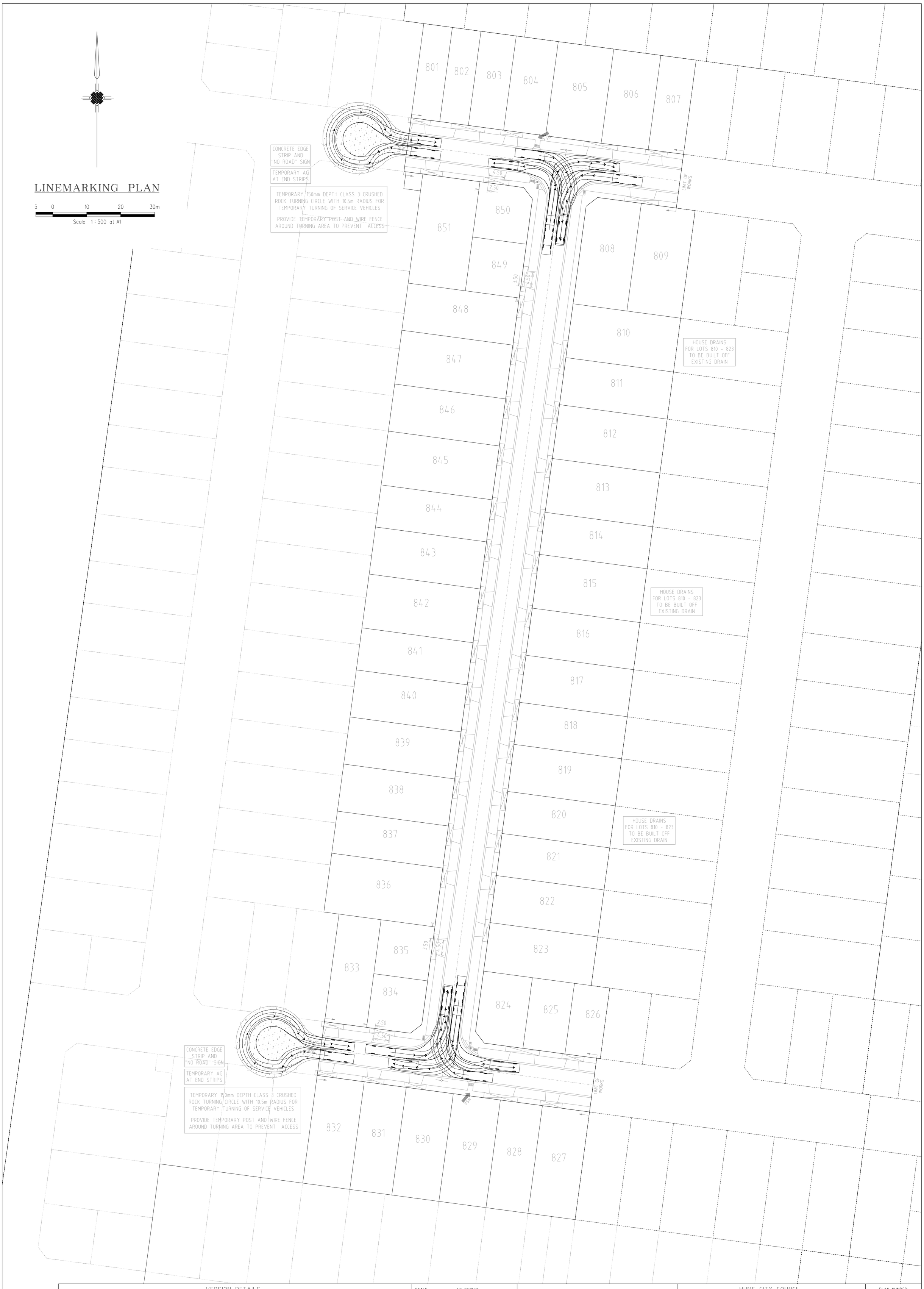
REVISION D

SHEET 21 OF 24

LINEMARKING PLAN

5 0 10 20 30m

Scale 1 : 500 at A1



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MICKLEHAM

TURNING TEMPLATES

PLAN NUMBER

36182/8
R22

REVISION D

SHEET 22 OF 24

EARTHWORKS PLAN

5 0 10 20 30m

Scale 1 : 500 at A1

LEGEND

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

VERSION DETAILS

REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC

FILENAME: k:\36182\36182_8\dgn\R23.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
LEVEL DATA:	L topo.dgn	
DATUM:	AHD	
PROJECT No.:	36182/8	
DRAWN:	C.M.B.	DATE: MAY 2014
DESIGNED:	Z.W.L.	DATE: MAY 2014
AUTHORISED:	A.S.C.	DATE: MAY 2014

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

WATSONS
URBAN DEVELOPMENT CONSULTANTS & MANAGERS
ABN 47 637 509 613

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

EARTHWORKS PLAN

PLAN NUMBER

36182/8
R 23

REVISION D

SHEET 23 OF 24

VERSION DETAILS					
REVISION	DATE	SHEETS REVISED	DESCRIPTIONS	STATUS	AUTHORISED
D	10/04/15	ALL	-	AS CONSTRUCTED	ASC
C	26/08/14	4	LOT 810 CROSSOVER RELOCATION & LOT 849 PROPERTY SERVICE AMENDMENTS	APPROVED	ASC
B	26/06/14	-	COUNCIL COMMENTS DATED 3/06/14	APPROVED	ASC
A	28/05/14	4, 5 & 19	LOT 834, 835, 849 & 850 CROSSOVER RELOCATION	PRELIMINARY	ASC
FILENAME: k:\36182\36182_8\dgn\R24.dgn					

SCALE:	AS SHOWN	
DATE PRINTED:	16/07/2015	
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DATUM:	AHD	
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM - STAGE 8
535 MOUNT RIDLEY ROAD
MICKLEHAM

TEMPORARY CUTOFF DRAIN
& TEMPORARY OUTFALL

PLAN NUMBER
36182/8
R24

REVISION D

SHEET 24 OF 24