LOCALITY PLAN

25 0 50 100 150m

Scale 1:2500 at A1

SHEET INDEX

1	LOCALITY PLAN, SHEET INDEX, GENERAL NOTES & TYPICAL PAVEMENT CROSS SECTION
2	SITE SPECIFIC NOTES & HUME CITY COUNCIL NOTES
3	DETAIL PLAN & SERVICE OFFSET TABLE
4	MELODY WAY LONGITUDINAL & CROSS SECTIONS
5	MELODY WAY CROSS SECTIONS
6	PRIME STREET LONGITUDINAL SECTION
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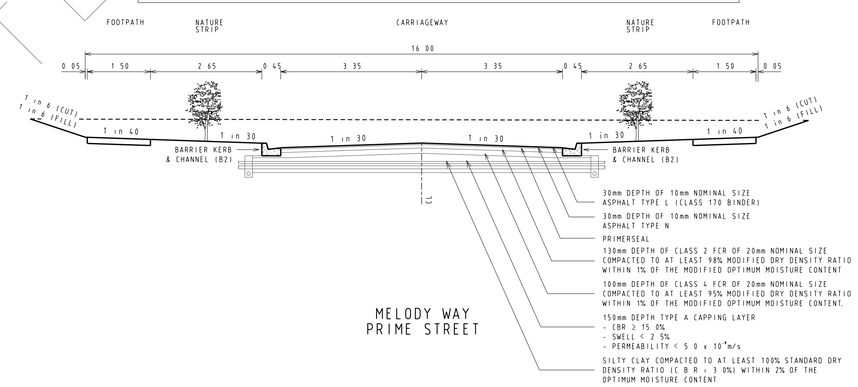
10	DRAINAGE LONGITUDINAL SECTIONS
11	PIT SCHEDULE
12	PARKING PLAN
13	EARTHWORKS PLAN
14	TEMPORARY CUTOFF DRAIN & TEMPORARY OUTFALL



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

REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
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WATSONS
ABN 47 637 509 613
MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington
MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

LOCALITY PLAN, SHEET INDEX, GENERAL NOTES & TYPICAL PAVEMENT CROSS SECTION

PLAN NUMBER 36182/5A R01

REVISION M

SHEET 1 OF 14

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 2 F C R 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

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 7M

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 30MM 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

REVISIONS			
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3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
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WATSONS
ABN 47 637 509 613
MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington
MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

HUME CITY COUNCIL
& SITE SPECIFIC NOTES

PLAN NUMBER
36182/5A
R02

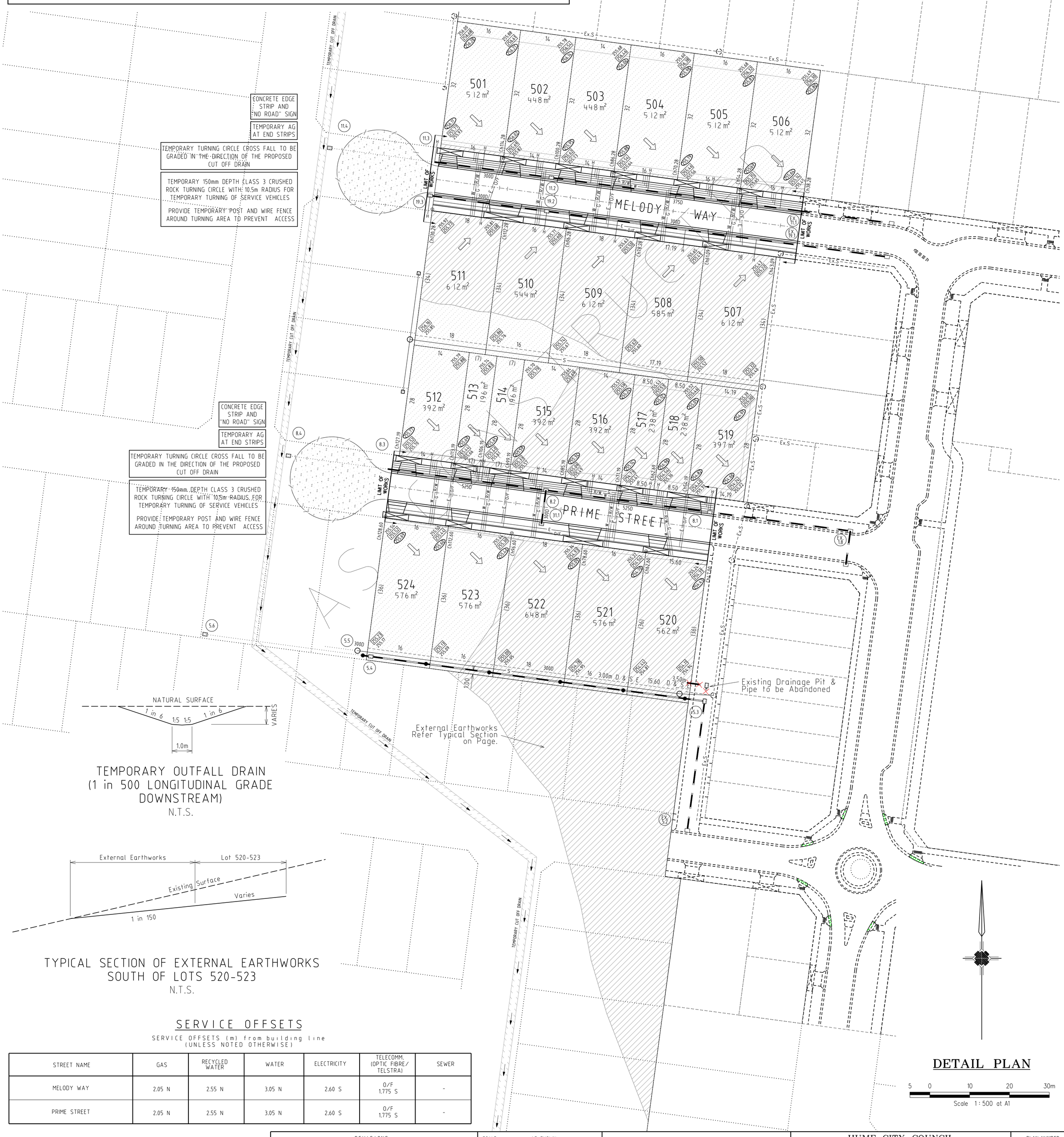
REVISION M

SHEET 2 OF 14

LEGEND

- Kerb & Channel
- Footpath, Vehicular Crossing Layback & House Drain
- Proposed Underground Drainage, Pit & Property Inlet
- Existing Underground Drainage, Pit & Property Inlet
- 2.1 — Drainage Pit Number
- 14.23 — Design Surface Level - Allotments
- 14.23 — Existing Surface Level - Allotments
- 14.30 — Top of Batter Level - Allotments (Front)
- K14.57 — Kerb Level
- P14.79 — Pavement Level
- Proposed Cut Areas - Allotments
- Proposed Fill Areas - Allotments
- Service Conduits: Gas, Water, Recycled Water, Electricity, Telstra, Optic Fibre
- G — Gas Main
- W — Water Main
- OF — Optic Fibre Underground Cable
- E — Electrical Underground Cable & Pit
- T — Telstra Underground Cable
- S — 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



TEMPORARY OUTFALL DRAIN
(1 in 500 LONGITUDINAL GRADE DOWNSTREAM)
N.T.S.

TYPICAL SECTION OF EXTERNAL EARTHWORKS SOUTH OF LOTS 520-523
N.T.S.

SERVICE OFFSETS

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

STREET NAME	GAS	RECYCLED WATER	WATER	ELECTRICITY	TELECOMM. (OPTIC FIBRE/ TELSTRA)	SEWER
MELODY WAY	2.05 N	2.55 N	3.05 N	2.60 S	O/F 1.775 S	-
PRIME STREET	2.05 N	2.55 N	3.05 N	2.60 S	O/F 1.775 S	-

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29/10/13	I	CROSSOVER AMENDMENTS	ASC
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WATSONS
ABN 47 637 509 613
MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington
MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

DETAIL PLAN & SERVICE OFFSET TABLE

PLAN NUMBER 36182/5A R03

REVISION M

SHEET 3 OF 14

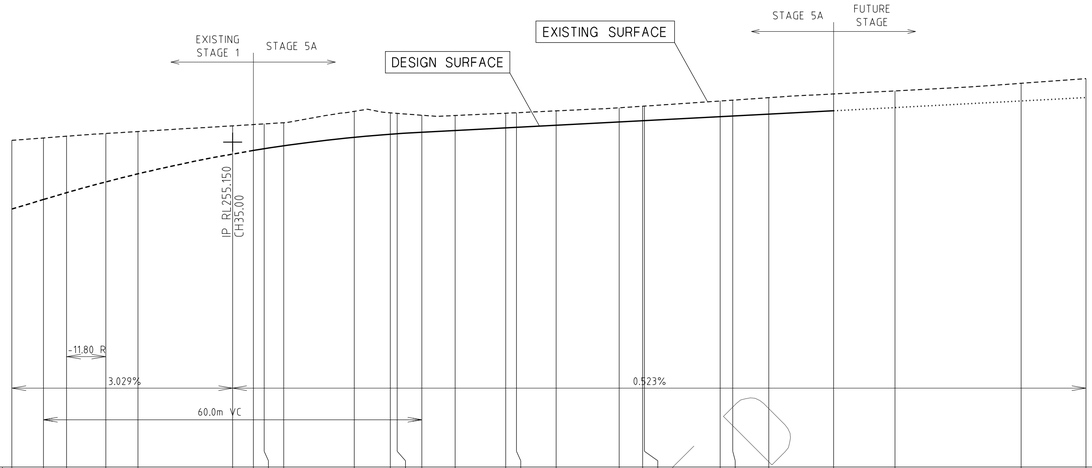
MELODY WAY
LONGITUDINAL SECTION

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

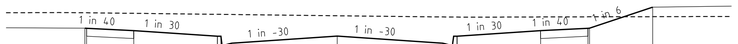
Datum R.L.250

DESIGN CENTRELINE	254.090	254.241	254.350	254.521	254.649	254.962	255.018	255.046	255.092	255.227	255.276	255.283	255.307	255.335	255.376	255.385	255.418	255.471	255.490	255.491	255.554	255.565	255.595	255.648	255.699	255.804	255.858
EXISTING SURFACE	255.18	255.22	255.24	255.29	255.32	255.41	255.43	255.44	255.46	255.64	255.62	255.61	255.58	255.57	255.61	255.62	255.65	255.70	255.72	255.72	255.80	255.82	255.86	255.91	255.96	256.08	256.16
CHAINAGES	0.00	5.00	8.67	14.89	20.00	35.00	38.28	40.00	43.09	54.28	60.00	61.09	65.00	70.28	78.28	80.00	86.28	96.28	100.00	100.28	112.28	114.28	120.00	130.28	140.00	160.00	170.28

Datum254.00

DESIGN RL's	255.238	255.216	255.179	255.090	255.090	254.980	255.092	254.980	254.940	255.090	255.179	255.216	255.218	255.668
EX.SURFACE	255.434	255.434	255.438	255.446	255.447	255.448	255.458	255.468	255.469	255.469	255.477	255.482	255.482	255.490
OFFSET	-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	10.700

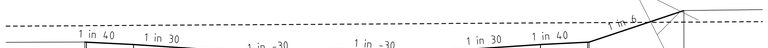
Chainage 43.09



Datum254.00

DESIGN RL's	255.409	255.407	255.370	255.282	255.282	255.172	255.283	255.172	255.172	255.282	255.370	255.407	255.409	255.742
EX.SURFACE	255.654	255.654	255.645	255.630	255.629	255.627	255.608	255.588	255.587	255.586	255.588	255.590	255.590	255.593
OFFSET	-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	10.000

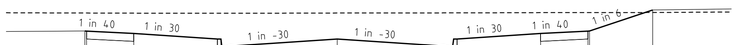
Chainage 61.09



Datum253.00

DESIGN RL's	255.144	255.142	255.105	255.016	255.016	254.906	255.018	254.906	254.866	255.016	255.105	255.142	255.144	255.644
EX.SURFACE	255.405	255.405	255.409	255.417	255.418	255.419	255.429	255.439	255.440	255.440	255.448	255.453	255.453	255.462
OFFSET	-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 38.28



Datum254.00

DESIGN RL's	255.353	255.351	255.314	255.225	255.225	255.115	255.227	255.115	255.115	255.225	255.314	255.351	255.353	255.686
EX.SURFACE	255.639	255.639	255.637	255.635	255.635	255.636	255.639	255.642	255.642	255.642	255.644	255.646	255.646	255.648
OFFSET	-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	10.000

Chainage 54.28

MELODY 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

REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\r04.dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B	DATE: MAY 2013
DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 771 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

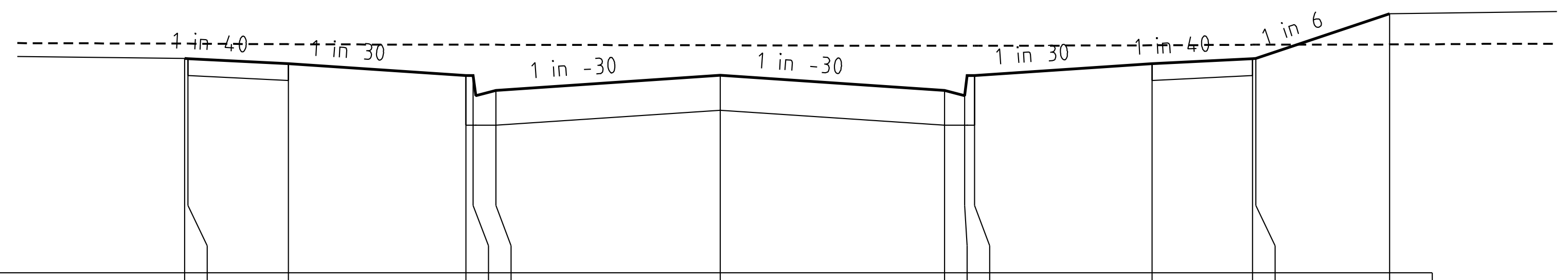
VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

MELODY WAY
LONGITUDINAL & CROSS SECTIONS

PLAN NUMBER 36182/5A R04

REVISION M

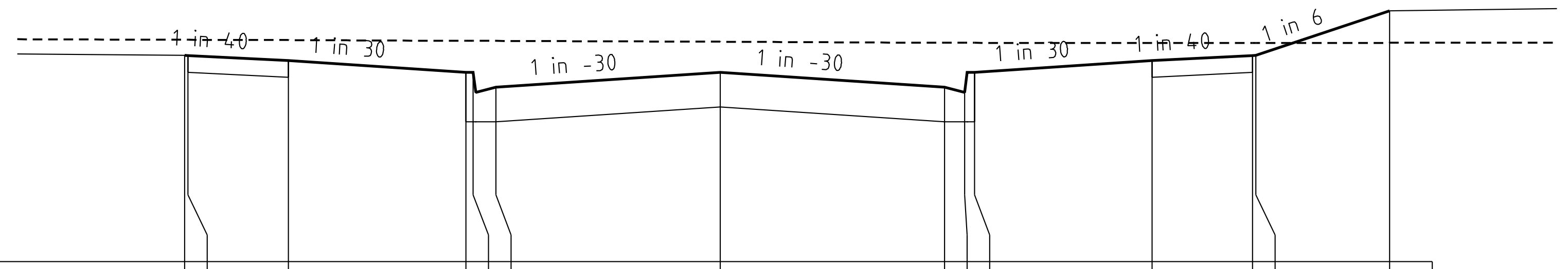
SHEET 4 OF 14



Datum254.00

DESIGN RL's	255.596	255.595	255.557	255.469	255.469	255.359	255.471	255.359	255.319	255.469	255.557	255.595	255.596	255.930
EX.SURFACE	255.707	255.707	255.704	255.700	255.700	255.700	255.696	255.692	255.691	255.691	255.696	255.699	255.699	255.703
OFFSET	-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	10.000

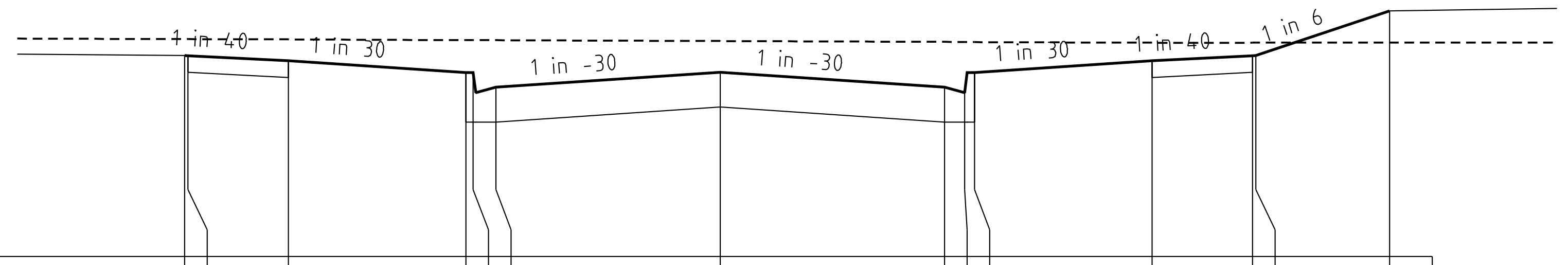
Chainage 96.28



Datum254.00

DESIGN RL's	255.544	255.542	255.505	255.417	255.417	255.307	255.418	255.307	255.267	255.417	255.505	255.542	255.544	255.877
EX.SURFACE	255.662	255.662	255.659	255.654	255.654	255.653	255.647	255.640	255.640	255.640	255.637	255.638	255.638	255.639
OFFSET	-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	10.000

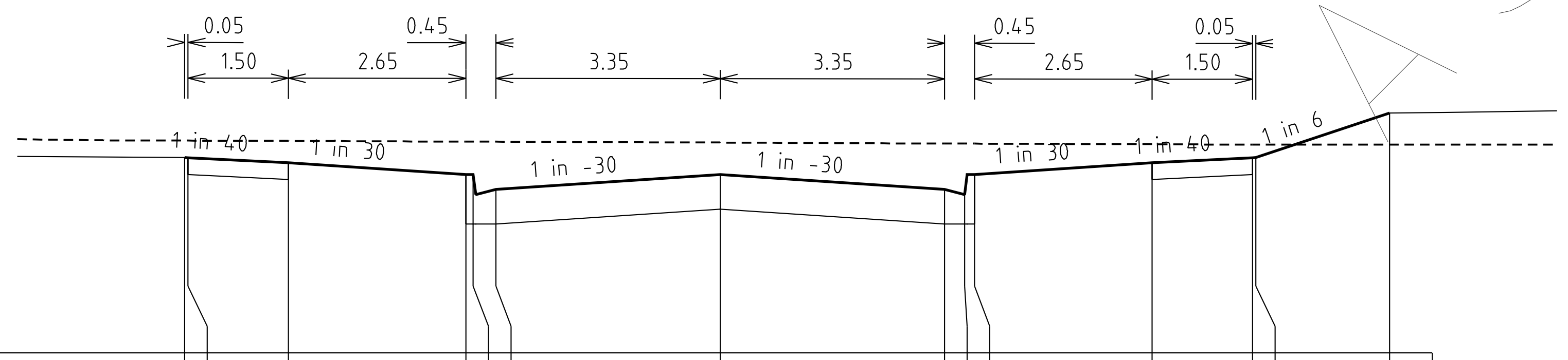
Chainage 86.28



Datum254.00

DESIGN RL's	255.502	255.501	255.463	255.375	255.375	255.265	255.376	255.265	255.225	255.375	255.463	255.501	255.502	255.836
EX.SURFACE	255.625	255.625	255.622	255.617	255.617	255.616	255.610	255.604	255.603	255.603	255.598	255.597	255.597	255.598
OFFSET	-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	10.000

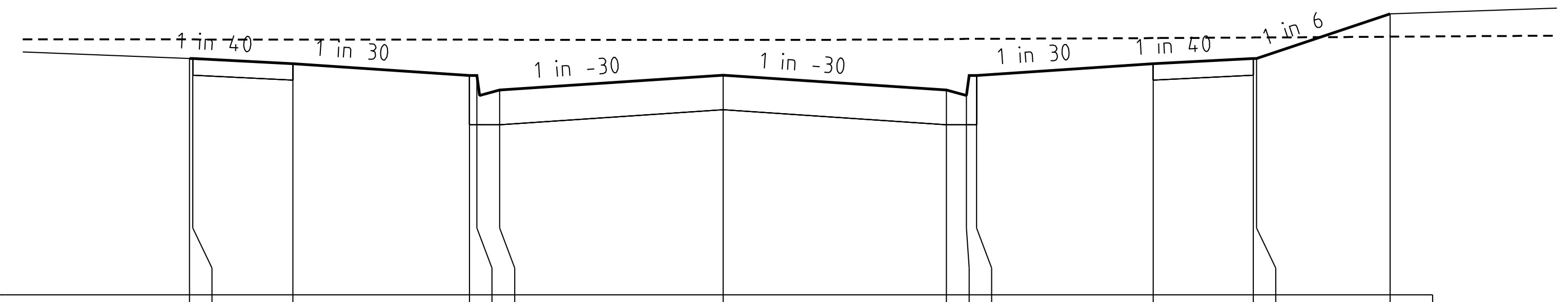
Chainage 78.28



Datum254.00

DESIGN RL's	255.460	255.459	255.421	255.333	255.333	255.223	255.335	255.223	255.183	255.333	255.421	255.459	255.460	255.794
EX.SURFACE	255.589	255.589	255.586	255.581	255.580	255.580	255.573	255.567	255.566	255.566	255.561	255.558	255.558	255.558
OFFSET	-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	10.000

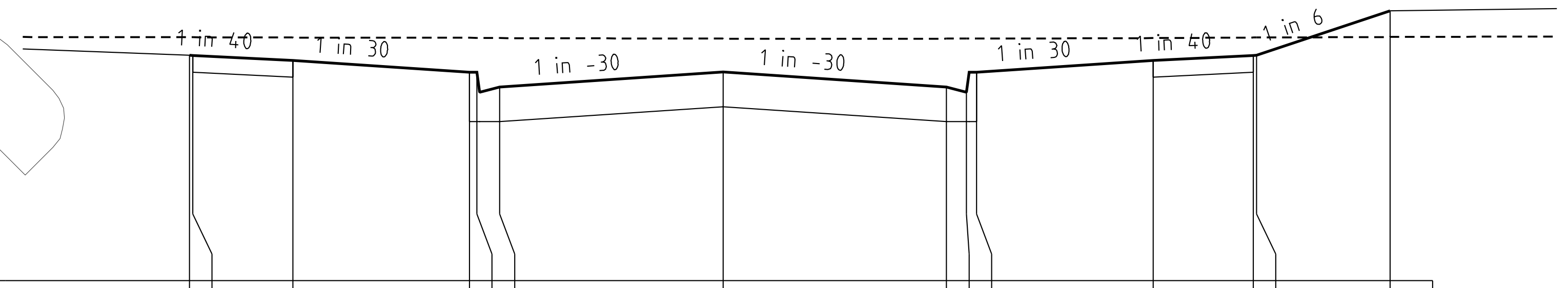
Chainage 70.28



Datum254.00

DESIGN RL's	255.774	255.773	255.735	255.647	255.647	255.537	255.648	255.537	255.497	255.647	255.735	255.773	255.774	256.108
EX.SURFACE	255.917	255.917	255.916	255.915	255.915	255.915	255.913	255.920	255.920	255.921	255.928	255.933	255.933	255.938
OFFSET	-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	10.000

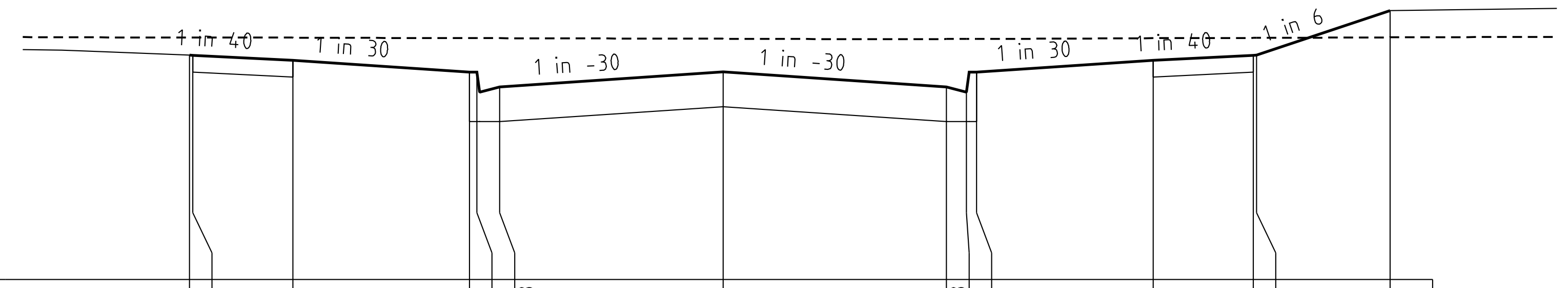
Chainage 130.28



Datum254.00

DESIGN RL's	255.691	255.689	255.651	255.563	255.563	255.453	255.565	255.453	255.413	255.563	255.651	255.689	255.691	256.024
EX.SURFACE	255.826	255.826	255.825	255.821	255.821	255.821	255.817	255.816	255.816	255.816	255.821	255.824	255.824	255.828
OFFSET	-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	10.000

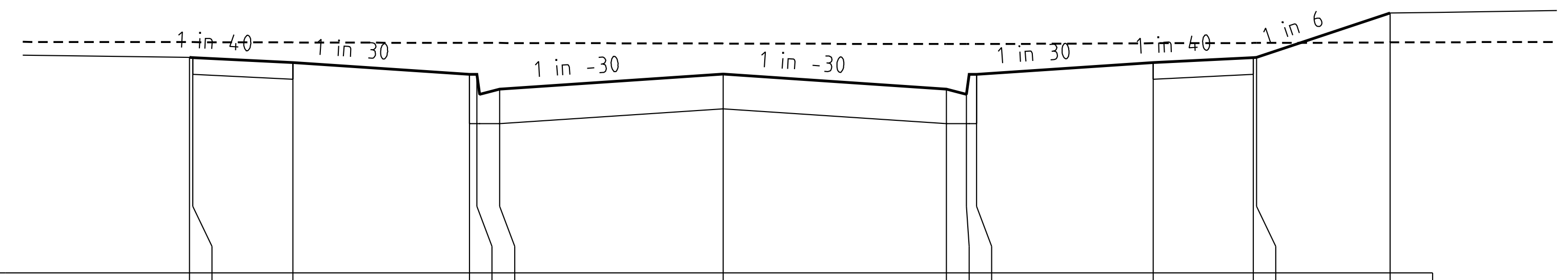
Chainage 114.28



Datum254.00

DESIGN RL's	255.680	255.678	255.641	255.553	255.553	255.443	255.554	255.443	255.403	255.553	255.641	255.678	255.680	256.013
EX.SURFACE	255.813	255.813	255.811	255.808	255.808	255.807	255.804	255.802	255.802	255.802	255.807	255.810	255.810	255.814
OFFSET	-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	10.000

Chainage 112.28

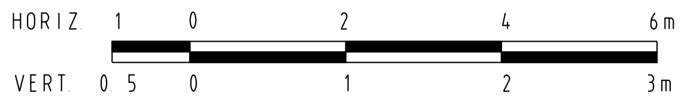


Datum254.00

DESIGN RL's	255.617	255.616	255.578	255.490	255.490	255.380	255.491	255.380	255.340	255.490	255.578	255.616	255.617	255.951
EX.SURFACE	255.732	255.732	255.730	255.727	255.727	255.727	255.723	255.719	255.719	255.719	255.724	255.727	255.727	255.730
OFFSET	-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	10.000

Chainage 100.28

MELODY WAY
CROSS SECTIONS



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

REVISIONS			
DATE	DETAILS		AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC

FILENAME k:\36182\36182 5\dgn\r05.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B	DATE: MAY 2013
DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

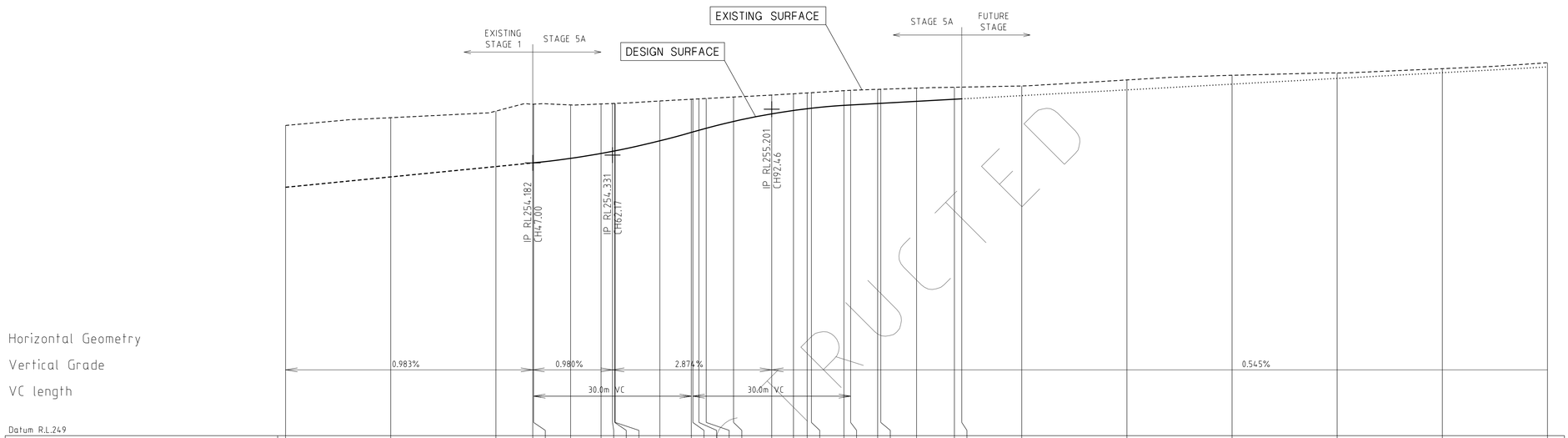
VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

MELODY WAY
CROSS SECTIONS

PLAN NUMBER
36182/5A
R05

REVISION M

SHEET 5 OF 14



DESIGN CENTRELINE	253.720	253.917	254.113	254.182	254.184	254.268	254.361	254.402	254.410	254.412	254.601
EXISTING SURFACE	254.89	255.04	255.17	255.30	255.30	255.28	255.30	255.31	255.31	255.31	255.36
CHAINAGES	0.00	20.00	40.00	47.00	47.17	54.19	60.00	62.17	62.60	62.69	71.19

DESIGN CENTRELINE	254.762	254.770	254.802	254.841	254.969	255.114	255.178	255.211	255.221	255.276	255.283
EXISTING SURFACE	255.39	255.39	255.40	255.41	255.43	255.47	255.50	255.51	255.52	255.56	255.56
CHAINAGES	77.17	77.46	78.60	80.00	85.19	92.46	96.60	99.19	100.00	106.19	107.46

DESIGN CENTRELINE	255.311	255.314	255.351	255.391	255.398	255.460	255.569	255.678	255.788	255.897	256.006
EXISTING SURFACE	255.58	255.58	255.60	255.62	255.62	255.64	255.76	255.85	255.89	255.97	256.09
CHAINAGES	112.60	113.19	120.00	127.19	128.60	140.00	160.00	180.00	200.00	220.00	240.00

PRIME STREET
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

REVISIONS			
DATE	DETAILS		AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC

FILENAME k:\36182\36182 5\dgn\r06.dgn

SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B	DATE: MAY 2013
DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

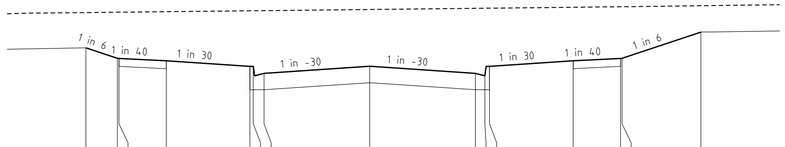
VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

PRIME STREET
LONGITUDINAL SECTIONS

PLAN NUMBER
36182/5A
R06

REVISION M

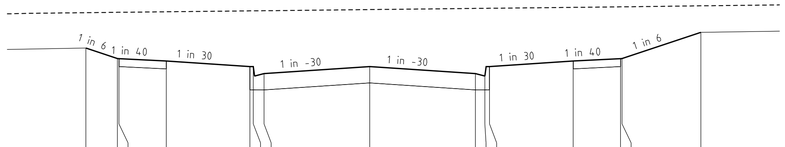
SHEET 6 OF 14



Datum253.00

DESIGN RL's	254.704	254.538	254.536	254.499	254.410	254.410	254.300	254.412	254.300	254.410	254.410	254.499	254.536	254.538	254.954
EX.SURFACE	255.264	255.270	255.270	255.278	255.293	255.293	255.295	255.313	255.332	255.332	255.334	255.348	255.357	255.357	255.373
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	10.500

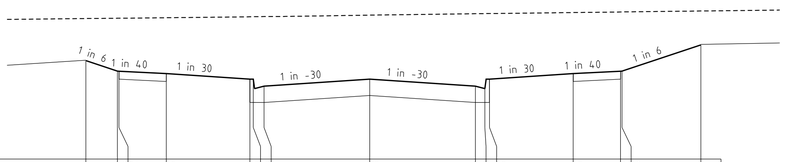
Chainage 62.69



Datum253.00

DESIGN RL's	254.703	254.536	254.534	254.497	254.408	254.408	254.298	254.410	254.298	254.408	254.408	254.497	254.534	254.536	254.953
EX.SURFACE	255.264	255.270	255.270	255.278	255.292	255.292	255.295	255.313	255.331	255.331	255.334	255.348	255.356	255.357	255.372
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	10.500

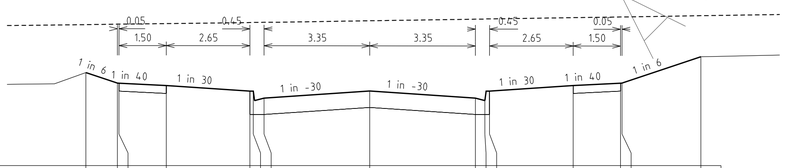
Chainage 62.60



Datum253.00

DESIGN RL's	254.561	254.394	254.392	254.355	254.266	254.266	254.156	254.268	254.156	254.266	254.266	254.355	254.392	254.394	254.811
EX.SURFACE	255.229	255.234	255.234	255.243	255.257	255.257	255.259	255.284	255.305	255.305	255.307	255.324	255.333	255.333	255.349
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	10.500

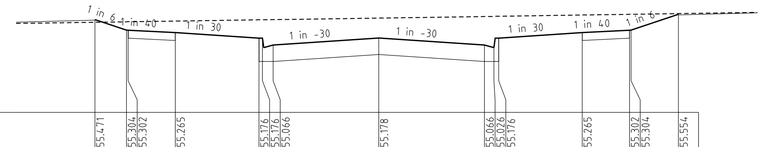
Chainage 54.19



Datum253.00

DESIGN RL's	254.475	254.308	254.306	254.269	254.180	254.180	254.070	254.182	254.070	254.180	254.180	254.269	254.306	254.308	254.725
EX.SURFACE	255.236	255.243	255.243	255.252	255.269	255.270	255.272	255.297	255.322	255.322	255.326	255.346	255.357	255.358	255.377
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	10.500

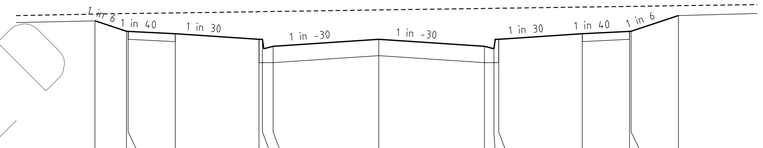
Chainage 47.00



Datum254.00

DESIGN RL's	255.471	255.304	255.302	255.265	255.176	255.176	255.066	255.178	255.066	255.176	255.176	255.265	255.302	255.304	255.554
EX.SURFACE	255.429	255.436	255.437	255.448	255.467	255.468	255.471	255.496	255.521	255.521	255.524	255.544	255.555	255.555	255.566
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	9.500

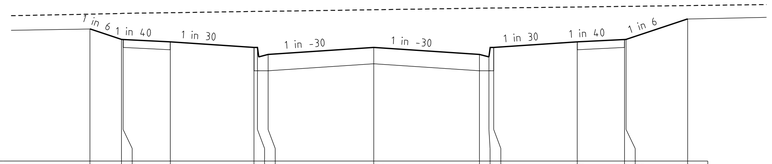
Chainage 96.60



Datum253.00

DESIGN RL's	255.262	255.095	255.093	255.056	254.968	254.968	254.858	254.969	254.858	254.968	254.968	255.056	255.093	255.095	255.345
EX.SURFACE	255.369	255.377	255.377	255.388	255.407	255.408	255.410	255.434	255.458	255.458	255.461	255.480	255.491	255.491	255.502
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	9.500

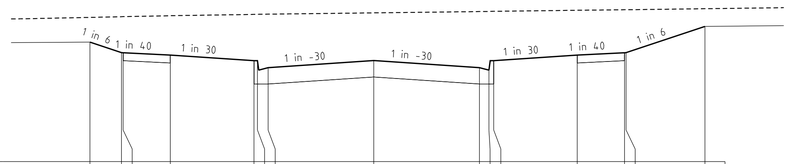
Chainage 85.19



Datum253.00

DESIGN RL's	255.095	254.928	254.927	254.889	254.801	254.801	254.691	254.802	254.691	254.801	254.801	254.889	254.927	254.928	255.254
EX.SURFACE	255.331	255.341	255.342	255.354	255.373	255.373	255.376	255.400	255.424	255.424	255.427	255.444	255.453	255.454	255.466
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	9.951

Chainage 78.60



Datum253.00

DESIGN RL's	254.894	254.727	254.725	254.688	254.600	254.600	254.490	254.601	254.490	254.600	254.600	254.688	254.725	254.727	255.144
EX.SURFACE	255.288	255.298	255.298	255.314	255.332	255.332	255.337	255.359	255.380	255.380	255.383	255.399	255.409	255.409	255.425
OFFSET	-9.000	-8.000	-7.950	-6.450	-3.800	-3.350	-3.350	0.000	3.350	3.350	3.800	6.450	7.950	8.000	10.500

Chainage 71.19

PRIME STREET 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

REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
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SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B	DATE: MAY 2013
DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 771 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne. 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

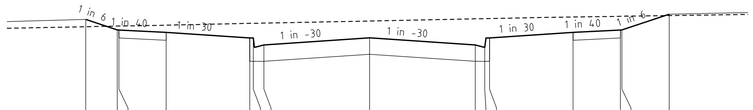
VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

PRIME STREET
CROSS SECTIONS

PLAN NUMBER
36182/5A
R07

REVISION M

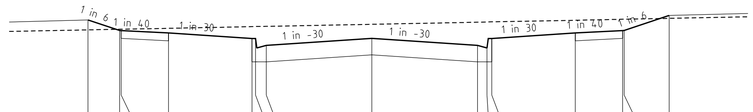
SHEET 7 OF 14



Datum254.00

DESIGN RL's	255.684	255.437	255.435	255.398	255.309	255.309	255.199	255.311	255.199	255.159	255.309	255.398	255.435	255.437	255.687
EX.SURFACE	255.489	255.499	255.499	255.514	255.541	255.522	255.546	255.580	255.614	255.617	255.618	255.643	255.654	255.654	255.666
OFFSET	-9.000	-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	9.500

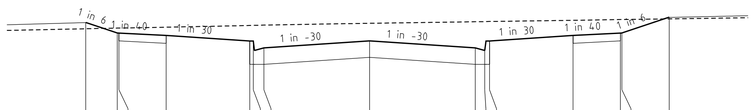
Chainage 112.60



Datum254.00

DESIGN RL's	255.691	255.524	255.522	255.485	255.397	255.397	255.287	255.398	255.287	255.247	255.397	255.485	255.522	255.524	255.762
EX.SURFACE	255.534	255.544	255.545	255.559	255.586	255.587	255.590	255.623	255.656	255.629	255.601	255.687	255.702	255.702	255.716
OFFSET	-9.000	-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	9.425

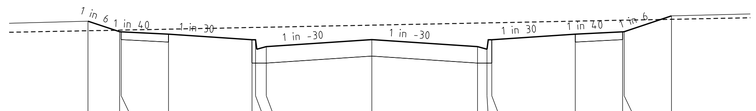
Chainage 128.60



Datum254.00

DESIGN RL's	255.568	255.401	255.400	255.362	255.274	255.274	255.164	255.276	255.164	255.124	255.274	255.362	255.400	255.401	255.651
EX.SURFACE	255.468	255.478	255.479	255.494	255.521	255.522	255.525	255.555	255.580	255.582	255.583	255.603	255.614	255.615	255.626
OFFSET	-9.000	-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	9.500

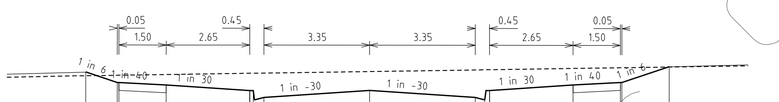
Chainage 106.19



Datum254.00

DESIGN RL's	255.683	255.516	255.515	255.477	255.389	255.389	255.279	255.391	255.279	255.239	255.389	255.477	255.515	255.516	255.766
EX.SURFACE	255.532	255.542	255.543	255.557	255.583	255.583	255.588	255.621	255.654	255.655	255.658	255.684	255.699	255.700	255.714
OFFSET	-9.000	-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	9.500

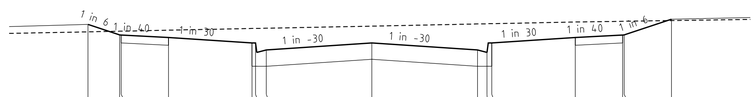
Chainage 127.19



Datum254.00

DESIGN RL's	255.504	255.337	255.336	255.298	255.210	255.210	255.100	255.211	255.100	255.060	255.210	255.298	255.336	255.337	255.587
EX.SURFACE	255.445	255.452	255.453	255.464	255.486	255.486	255.487	255.512	255.537	255.539	255.540	255.560	255.571	255.571	255.582
OFFSET	-9.000	-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	9.500

Chainage 99.19



Datum254.00

DESIGN RL's	255.607	255.440	255.438	255.401	255.313	255.203	255.163	255.314	255.203	255.163	255.313	255.401	255.438	255.440	255.690
EX.SURFACE	255.490	255.501	255.501	255.516	255.542	255.543	255.548	255.582	255.616	255.616	255.629	255.647	255.658	255.658	255.669
OFFSET	-9.000	-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	9.500

Chainage 113.19

PRIME STREET 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

REVISIONS			
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2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\r08.dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
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WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbourne, Suite 2
250 St. Kilda Road,
Melbourne 3004.
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

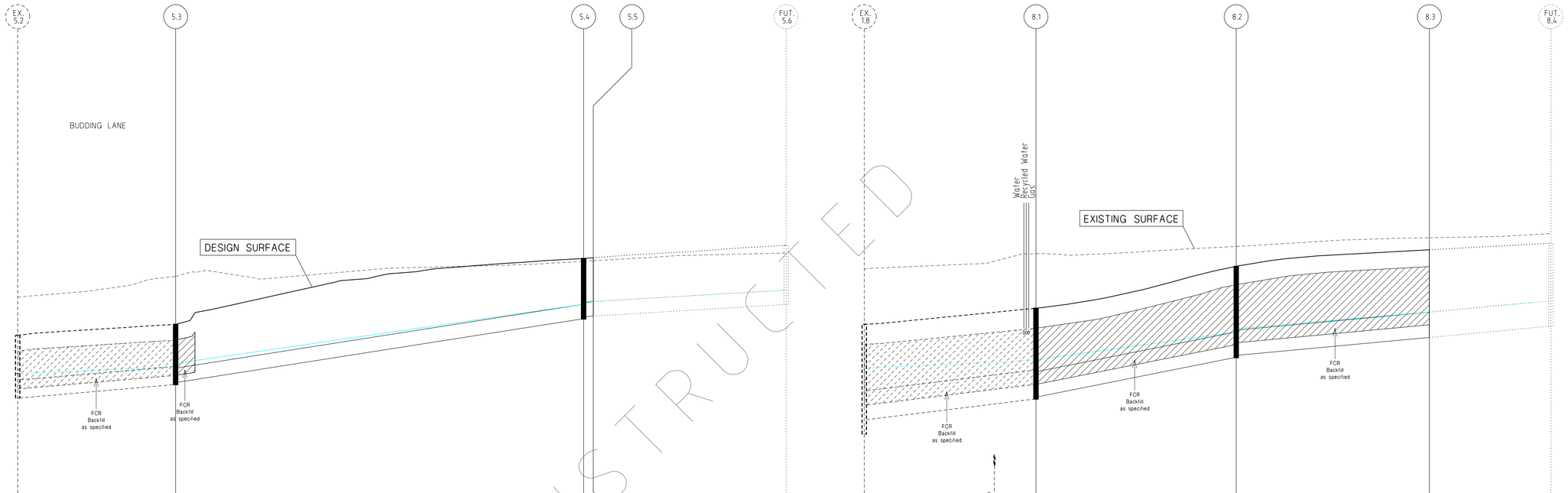
VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

PRIME STREET
CROSS SECTIONS

PLAN NUMBER
36182/5A
R08

REVISION M

SHEET 8 OF 14



CAPACITY (m3/s)		0.161				0.120					0.075		0.075				0.671			0.601			0.413		0.413		
FLOW (m3/s)		0.106				0.111					0.065		0.066				0.409			0.385			0.350		0.353		
VELOCITY (m/s)		1.554				1.931					1.188		1.192				2.489			2.944			2.138		2.141		
PIPE SIZE (mm)		EX.375RCP				300RCP					300RCP		300RCP				EX.600RCP			525RCP			525RCP		525RCP		
GRADE		1 in 119				1 in 64.6					1 in 168		1 in 168				1 in 83.8			1 in 51.3			1 in 109		1 in 109		
Datum R.L.		247.000																		247.000							
DEPTH TO INVERT	1.300	1.300		1.252	1.202				1.258	1.208	1.210	1.210		1.230		2.276	1.976		1.886	1.836		1.893	1.843		1.819	1.819	1.724	
H.G.L. LEVELS	252.853			252.995	253.065				254.280	254.305	254.342	254.350		254.580	254.589	252.783	252.965		253.122	253.143		253.705	253.786		254.123	254.150	254.355	254.423
INVERT LEVELS	252.345	252.345		252.620	252.670				253.980	254.030	254.042	254.042		254.280		251.595	251.895	252.220	252.320	252.370		253.180	253.230		253.598	253.598	253.830	
FINISHED SURFACE LEVELS	253.645			253.872					255.238		255.252			255.510		253.871			254.206			255.073			255.417		255.554	
CHAINAGE (LENGTH)	0.000			32.750	(32.750)				117.350	(84.600)	119.350	(10.000)		159.350	(32.000)	0.000		26.993	35.600	(35.600)		41.538	(41.537)		81.600	(40.063)	106.794	(25.194)

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

REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
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2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\R09.dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	17/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
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PROJECT No.:	36182/5A	
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DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613
MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4444
Fax (03) 5975 3916
DX 93118 Mornington
MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

DRAINAGE LONGITUDINAL SECTION

PLAN NUMBER 36182/5A R09

REVISION M

PARKING PLAN

5 0 10 20 30m

Scale 1:500 at A1

REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
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2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\r12 dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	16/04/2014	
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WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4444
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

PARKING PLAN

PLAN NUMBER 36182/5A R12

REVISION M

SHEET 12 OF 14

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. 5.6 JP	Future	3770.253	10270.613			300	254.28	255.51	1.23	Future Pit
5.5 PC	-	3809.898	10265.297	300	254.042	300	254.042	255.252	1.21	End Capped (Future Pipe to Pipe Connection)
5.4 JP	900 x 600	3811.88	10265.031	300	254.03	300	253.98	255.238	1.258	GAA014; SD275(CIRCULAR PIT LID)
5.3 GP	900 x 600	3895.73	10253.789	300	252.67	375	252.62	253.872	1.252	GAA014; GRATED PIT LID (CLASS D)
EX. 5.2	Existing	3891.378	10221.33	375	252.345			253.645	1.3	Existing Pit
FUT. 8.4 JP	Future	3791.207	10315.476			525	253.83	255.554	1.724	Future Pit
8.3 PC	-	3816.177	10312.128	525	253.598	525	253.598	255.417	1.819	End Capped (Future Pipe to Pipe Connection)
8.2 SEP	900 x 750	3855.884	10306.804	525	253.23	525	253.18	255.073	1.893	GAA012 (HAUNCHED); SD275(CIRCULAR PIT LID)
				300	253.53			255.073	1.893	Line 31 Enters
8.1 JP	900 x 750	3897.053	10301.285	525	252.37	600	252.32	254.206	1.836	GAA014 (HAUNCHED); SD275(CIRCULAR PIT LID)
FUT. 11.4 JP	Future	3801.572	10392.784	300	254.51	300	254.46	255.806	1.346	Future Pit
11.3 PC	-	3827.936	10389.25	300	254.261	300	254.261	255.667	1.406	End Capped (Future Pipe to Pipe Connection)
11.2 SEP	900 x 600	3857.231	10385.322	300	254.04	375	253.99	255.512	1.522	GAA012; SD275(CIRCULAR PIT LID)
EX. 11.1 PC	-	3919.12	10377.024	375	253.11			255.048	1.938	Pipe to Pipe Connection
19.3 JP	900 x 600	3826.806	10380.825			300	254.46	255.667	1.207	GAA014; SD275(CIRCULAR PIT LID)
19.2 SEP	900 x 600	3856.102	10376.897	300	254.08	300	254.03	255.512	1.482	GAA012; SD275(CIRCULAR PIT LID)
EX. 19.1 PC	-	3917.99	10368.6	300	253.15			255.048	1.898	Pipe to Pipe Connection
31.1 SEP	900 x 600	3854.755	10298.38			300	253.709	255.073	1.365	GAA012; SD275(CIRCULAR PIT LID)

NOTE:

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

AS CONSTRUCTED

REVISIONS			
DATE		DETAILS	AUTHORISED
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29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\R11 dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	17/04/2014	
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WATSONS
ABN 47 637 509 613

MORNINGTON
5 Main Street,
P.O. Box 771 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington

MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne, 3004
Phone: (03) 9697 8000
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HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

DRAINAGE PIT SCHEDULE

PLAN NUMBER 36182/5A R 11

REVISION M

SHEET 11 OF 14

PARKING PLAN

5 0 10 20 30m

Scale 1:500 at A1

REVISIONS			
DATE		DETAILS	AUTHORISED
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3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
FILENAME k:\36182\36182 5\dgn\R12 dgn			

SCALE:	AS SHOWN	
DATE PRINTED:	17/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B.	DATE: MAY 2013
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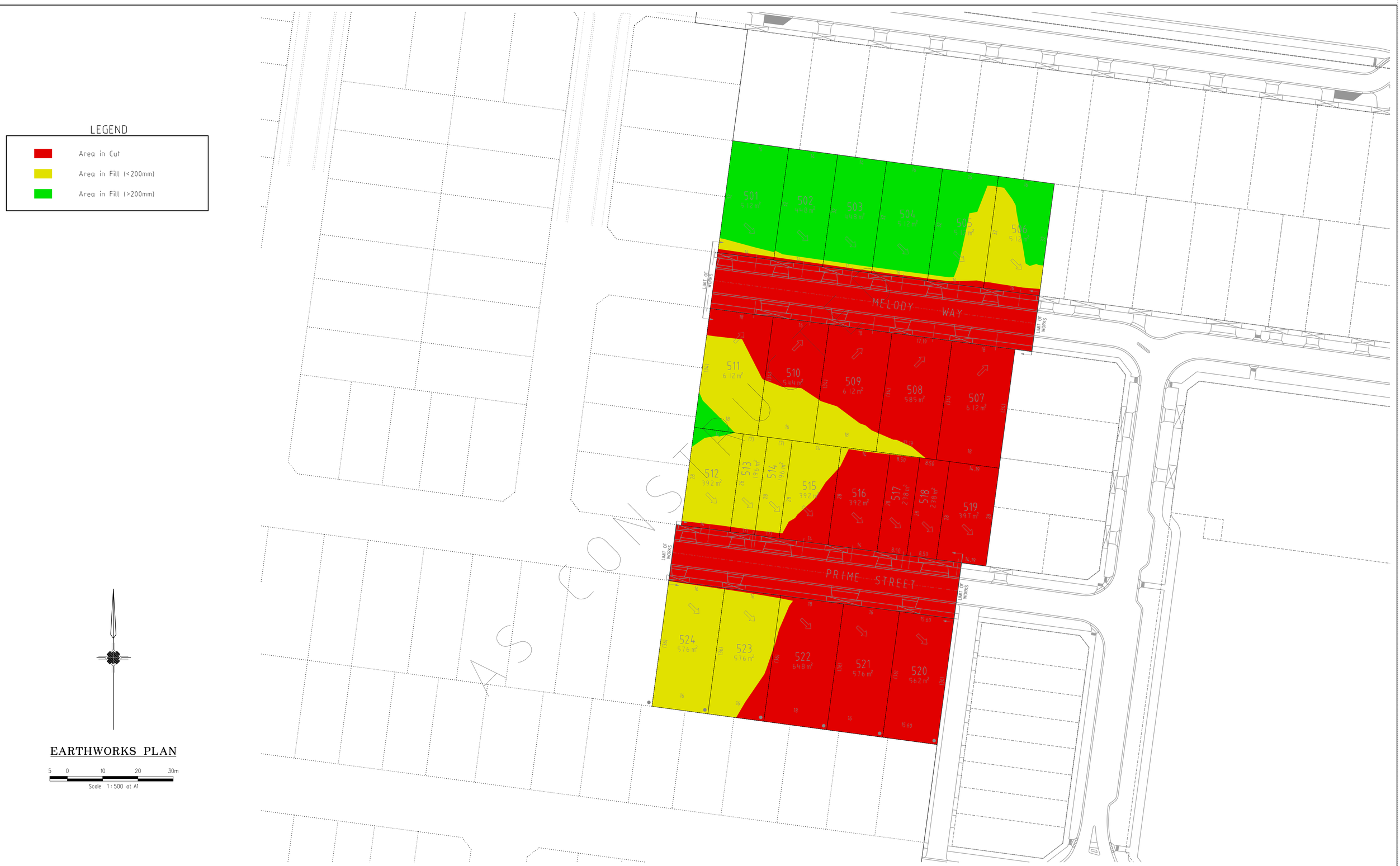
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

PARKING PLAN

PLAN NUMBER 36182/5A R12

REVISION M

SHEET 12 OF 14



REVISIONS			
DATE		DETAILS	AUTHORISED
16/04/14	M	AS CONSTRUCTED	ASC
11/03/14	L	LOT 501 & 512 CROSSOVER AMENDED	ASC
3/12/13	K	LOT 501, 511, 512 & 524 PROPERTY SERVICE & HOUSE DRAIN RELOCATION	ASC
2/12/13	J	LOT 511 CROSSOVER RELOCATION	ASC
29/10/13	I	CROSSOVER AMENDMENTS	ASC
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SCALE:	AS SHOWN	
DATE PRINTED:	17/04/2014	
LEVEL DATA:	K:\36182\36182\LTOPO	
DATUM:	AHD	
PROJECT No.:	36182/5A	
DRAWN:	C.M.B	DATE: MAY 2013
DESIGNED:	Z.W.L	DATE: MAY 2013
AUTHORISED:	A.S.C	DATE: MAY 2013

WATSONS
ABN 47 637 509 613
MORNINGTON
5 Main Street,
P.O. Box 171 3931
Phone: (03) 5975 4644
Fax (03) 5975 3916
DX 93118 Mornington
MELBOURNE
The Melbournian, Suite 2
250 St. Kilda Road,
Melbourne 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

EARTHWORKS PLAN

PLAN NUMBER
36182/5A
R13

REVISION M

SHEET 13 OF 14

REVISIONS			
DATE		DETAILS	AUTHORISED
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Melbourne, 3004
Phone: (03) 9697 8000
Fax (03) 9697 8099

HUME CITY COUNCIL

VILLAWOOD PROPERTIES P/L
TRILLIUM STAGE 5A
MICKLEHAM
ROAD AND DRAINAGE PLANS

TEMPORARY CUTOFF DRAIN
& TEMPORARY OUTFALL

PLAN NUMBER
36182/5A
R14

REVISION M

SHEET 14 OF 14