MERRIFIELD DEVELOPMENT

STAGE 2

DONNYBROOK ROAD, MICKLEHAM

HUME CITY COUNCIL

FOR

merrifield

MAB GPC

CIVIL DRAWINGS

ROAD AND DRAINAGE

Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\R0\
11722R0FS.dwg - 11722R0FS
Date/Time: Thu Jun 05, 2014 - 2:01pm --byron.shodg--

DCE REFERENCE

11722

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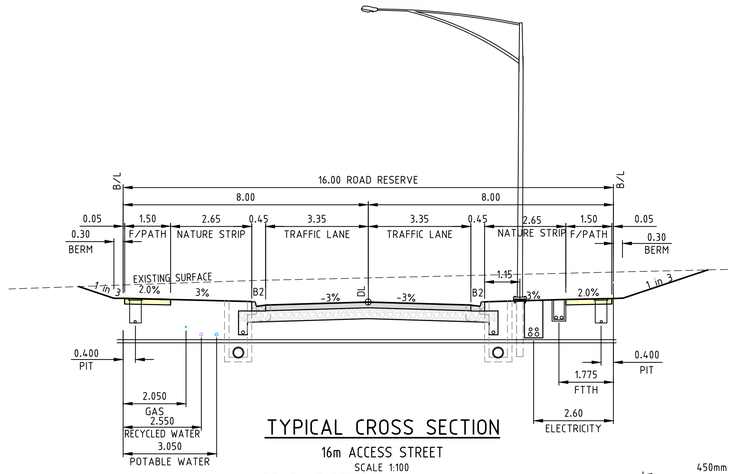
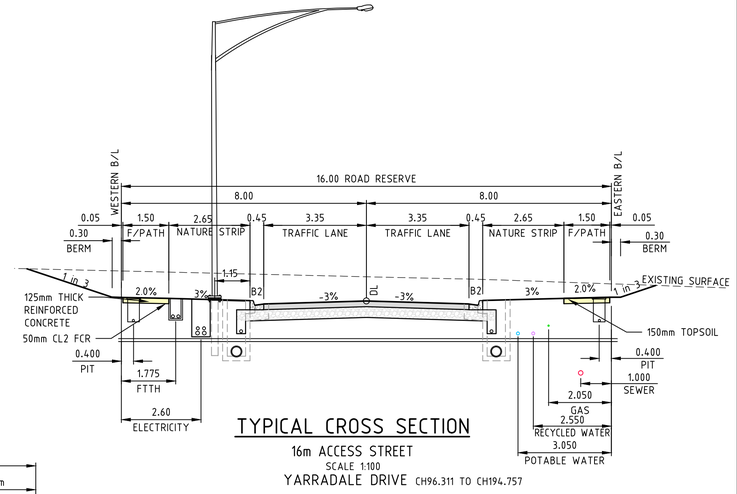
GENERAL NOTES

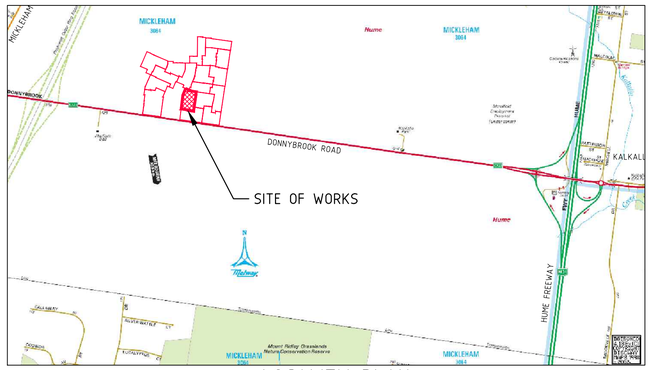
1. ALL LEVELS ARE TO AUSTRALIAN HEIGHT DATUM AND ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA) ZONE 55.
2. ALL WORKS TO BE CARRIED OUT IN ACCORDANCE WITH AS4000 AMENDED GENERAL CONDITIONS OF CONTRACT, THE ROAD & DRAINAGE SPECIFICATION, APPROVED HUME CITY COUNCIL SPECIFICATION AND STANDARD DRAWINGS, AND TO THE SATISFACTION OF THE SUPERINTENDENT AND THE CITY ENGINEER OR HIS REPRESENTATIVE.
3. A PRE-COMMENCEMENT MEETING WITH COUNCIL IS TO BE ARRANGED PRIOR TO COMMENCEMENT OF THE WORKS.
4. ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING SEVEN DAYS PRIOR TO COMMENCEMENT OF THE WORKS.
5. TBMS TO BE RE-ESTABLISHED BY THE LICENSED SURVEYOR IF FOUND TO BE MISSING AT THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR WILL BE RESPONSIBLE FOR CARE AND MAINTENANCE OF TBMS THEREAFTER.
6. ALL EXISTING SURFACE LEVELS SHOWN ON THE ENGINEERING DRAWINGS HAVE BEEN INTERPOLATED FROM A DIGITAL TERRAIN MODEL. THESE LEVELS HAVE BEEN USED AS THE BASIS FOR ALL ENGINEERING DESIGN AND DETERMINATION OF QUANTITIES.
7. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD.
8. ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE ENGINEER. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
9. FILL AREAS IN EXCESS OF 300mm ARE TO BE STRIPPED OF TOPSOIL, FILLED, AND TOPSOIL REPLACED TO OBTAIN THE FINAL FILL LEVELS SHOWN ON THE DRAWINGS. ALL FILLING MUST ENSURE LEVEL 1 GEOTECHNICAL SUPERVISION IS MAINTAINED AS PER CLAUSE 8.2 OF AS3798 "GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS". STRUCTURAL FILLING MATERIAL IS TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.
10. NO FILL OR STOCKPILING OF MATERIAL IS TO BE PLACED ON ANY RESERVE OR COMMON PROPERTY UNLESS OTHERWISE DIRECTED BY THE ENGINEER. NO TOPSOIL IS TO BE REMOVED FROM SITE. SURPLUS SOIL MUST BE MADE AVAILABLE FOR LOTS AND RESERVES.
11. WHERE PAVEMENT IS CONSTRUCTED ON FILL, FILL MATERIAL IS TO BE APPROVED BY THE SUPERINTENDENT AND COUNCIL AND CONSTRUCTED IN LAYERS 150MM THICK WITH COMPACTION IN ACCORDANCE WITH AS3798. PRIOR TO THE PLACEMENT OF THE FILL MATERIAL UNDER NEW PAVEMENTS, APPROVAL OF THE MATERIAL TO BE USED MUST BE OBTAINED FROM COUNCIL.
12. WHEN PAVEMENT EXCAVATION IS IN ROCK ALL LOOSE MATERIAL (INCLUDING ROCKS AND CLAY) MUST BE REMOVED. THE SUB-GRADE MUST THEN BE REGULATED WITH COUNCIL APPROVED MATERIAL.
13. AT LEAST 3 DAYS BEFORE COMMENCING EXCAVATION OF TRENCHES IN EXCESS OF 1.5m DEPTH, A COMPLETED "NOTICE OF INTENTION TO COMMENCE TRENCHING OPERATIONS" FORM SHALL BE SENT TO WORKSAFE VICTORIA. THE NOMINATED SUPERVISOR SHALL BE SUITABLY QUALIFIED IN ACCORDANCE WITH VICTORIAN OHS ACT 1985 & COMMONWEALTH OHS CODE OF PRACTICE 2008.
14. NO BLASTING TO BE CARRIED OUT WITHIN 20 METRES OF EXISTING SERVICES.
15. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN. IF ROAD AND DRAINAGE CONSTRUCTION NECESSITATES THEIR REMOVAL, WRITTEN PERMISSION MUST BE OBTAINED FROM THE ENGINEER.
16. ALL DISTURBED SURFACES SHOULD BE OVER EXCAVATED BY 150mm, TOP SOILED WITH MINIMUM 150mm OF LOCAL TOP SOIL AND BITUMEN STRAW HYDROSEEDED.
17. ALL BLOCKS ARE TO SURFACE GRADE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW SIDE BOUNDARY TO THE POINT OF DISCHARGE.
18. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
19. ALL CHAINAGES REFER TO ROAD RESERVE DESIGN LINES EXCEPT:
    - IN COURT HEADS WHERE CHAINAGES REFER TO LIP OF KERB
    - KERB RETURNS WHERE CHAINAGES REFER TO LIP OF KERB.
20. GENERALLY B2 KERB AND CHANNEL IS TO BE USED THROUGHOUT THE SUBDIVISION. WHERE OTHER KERB TYPES ARE REQUIRED THEY ARE SPECIFICALLY SHOWN ON THE DRAWINGS.
21. LIP OF ALL KERB RADII ARE 8.60m UNLESS OTHERWISE SHOWN.
22. FOOTPATHS TO BE OFFSET 50mm FROM THE TITLE BOUNDARIES. FOOTPATHS IN ACCORDANCE WITH GAA FIGURE 006 UNLESS NOTED OTHERWISE.
23. VEHICULAR CROSSINGS OF THE TYPE INDICATED ARE TO BE OFFSET 1.5m FROM THE LOT BOUNDARY OR EASEMENT UNLESS OTHERWISE SHOWN. DRIVEWAY GRADES TO BE 1 IN 6 MAX.
24. PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH COUNCIL STANDARDS.
    ASPHALT FILLETS/RAMPS ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
25. ALL LINE MARKING AND SIGNAGE TO BE INSTALLED IN ACCORDANCE WITH AS 1742-1 AND AS 1742-2, UNLESS SPECIFICALLY SHOWN OTHERWISE.
    LINEMARKING IS TO BE INSTALLED USING EXTRUDED LONG LIFE THERMOPLASTIC PAINT.
    STREET SIGNS ARE REQUIRED TO SHOW STREET NUMBERS APPLICABLE TO EACH BLOCK.
    ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
26. THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS SHALL BE PROVEN ON SITE. THE APPROPRIATE AUTHORITY SHALL BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
27. ALL EASEMENTS ARE 2.0m OR 3.0m WIDE DRAINAGE AND SEWERAGE EASEMENTS UNLESS OTHERWISE SHOWN.
28. CENTRELINES OF ALL SEWERS ARE OFFSET 1.2m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
29. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
30. ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC OR FRC PIPES UNLESS OTHERWISE SHOWN. ALL RC PIPES UP TO AND INCLUDING 750mm IN DIAMETER SHALL BE RUBBER RING JOINTED (RRJ). PIPES ABOVE THIS SIZE MAY BE FLUSH JOINTED WITH EXTERNAL SEALING BANDS. FRC PIPES MAY ONLY BE USED IN EASEMENTS.
31. WHERE CURVED PIPES ARE SHOWN ON THE FACE PLANS THEY ARE TO BE LAID PARALLEL TO THE BACK OF KERB, EXCEPT WHERE A RADIUS HAS BEEN SPECIFICALLY NOMINATED. ALL DRAINS BEHIND KERBS ARE TO BE LAID AT THE OFFSET SPECIFIED IN THE COUNCIL SPECIFICATION. CURVED PIPES OF DIAMETER LESS THAN 600mm ON LARGE RADIUS CURVES ARE APPROVED BY COUNCIL SUBJECT TO COMPLIANCE WITH MANUFACTURER'S SPECIFICATION.
32. ALL SIDE ENTRY PITS EXCEPT THOSE AT LOW POINTS ARE TO HAVE FLUTES AS SPECIFIED IN THE COUNCIL STANDARD DRAWINGS.
33. ALL PIPE AND SERVICE TRENCHES THAT EXTEND UNDER ROADWAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK.
    ALL SERVICE TRENCHES UNDER DRIVEWAYS, FOOTPATHS AND PARKING BAYS TO BE BACKFILLED WITH CLASS 2 CRUSHED ROCK. SERVICE TRENCHES LESS THAN 750mm BEHIND PARKING BAYS ARE ALSO TO BE BACKFILLED WITH COMPACTED CLASS 2 CRUSHED ROCK.
34. 100mm NOMINAL DIAMETER P.V.C. CLASS 400 A.G. DRAIN TO BE LAID UNDER ALL KERB & CHANNEL AT THE DEEPER OF 750mm BELOW KERB OR TO THE BOTTOM OF THE SUBBASE LAYER, IN ACCORDANCE WITH GROWTH AREA AUTHORITY FIGURE 20
35. PROPERTY INLETS ARE TO BE PLACED 1.0m FROM LOW CORNERS OF ALLOTMENTS UNLESS OTHERWISE SHOWN.
36. 100mm DIA. HOUSE DRAINS IN STREETS TO BE PLACED 6.0m FROM LOW CORNERS UNLESS OTHERWISE SHOWN.
37. POSITION CONDUITS SO THAT A MINIMUM DISTANCE BETWEEN TAPPINGS IS 1.0m. CONDUITS NOT TO BE LOCATED WITHIN 4.0m OF ALLOTMENT BOUNDARY, UNLESS OTHERWISE SHOWN.
38. WATER TAPPINGS FOR LOTS SITUATED ON THE SAME SIDE AS THE WATERMAIN ARE TO BE LOCATED AT THE CENTRE OF THE LOT. THE KERB IS TO BE MARKED "W" WITH AN ARROW POINTING TO THE TAPPING.
39. GAS TO BE 50mm DIA. CLASS 12 P.V.C. & WATER CONDUITS TO BE 100 DIA. CLASS 12 P.V.C. SINGLE CONDUIT CONTAINING BOTH DW & NDW SERVICES LAID IN ACCORDANCE WITH WSA 03-2002 DUAL WATER SUPPLY SYSTEM STANDARD DRAWING WAT-1806-V
40. ELECTRICITY CONDUITS ARE TO BE LAID WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS :
    UNDER ROADS - 0.90m
    ELSEWHERE - 0.60m
41. TACTILE GROUND SURFACE INDICATORS (TGSI'S) TO BE INSTALLED. TGSI'S ARE TO COMPLY WITH AS1428.4



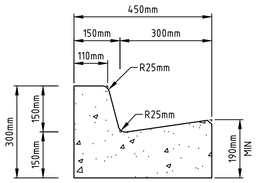
TYPICAL CROSS SECTION
16m ACCESS STREET
SCALE 1:100
YARRADALE DRIVE CH213.510 TO CH241.582



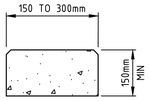
TYPICAL CROSS SECTION
16m ACCESS STREET
SCALE 1:100
YARRADALE DRIVE CH96.311 TO CH194.757



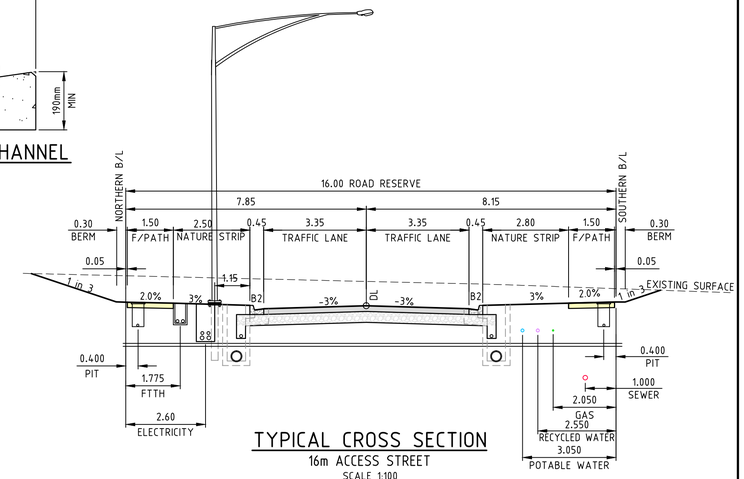
LOCALITY PLAN
MELWAY REF MAP: 366 D3,E4
NTS



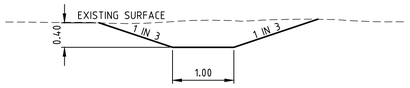
B2 KERB & CHANNEL
SCALE 1:10



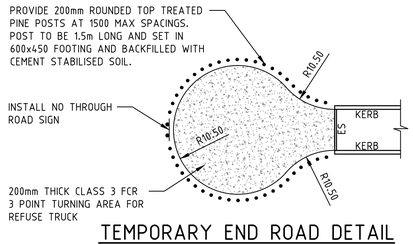
EDGE STRIP
SCALE 1:10



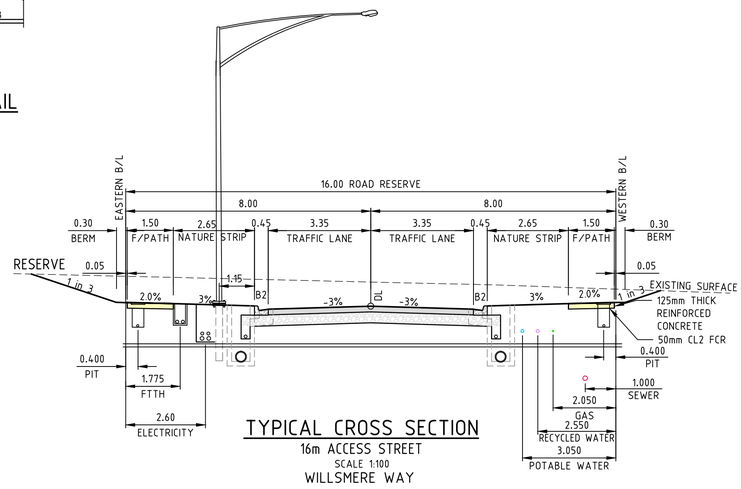
TYPICAL CROSS SECTION
16m ACCESS STREET
SCALE 1:100
YARRADALE DRIVE CH19.951 TO CH77.540



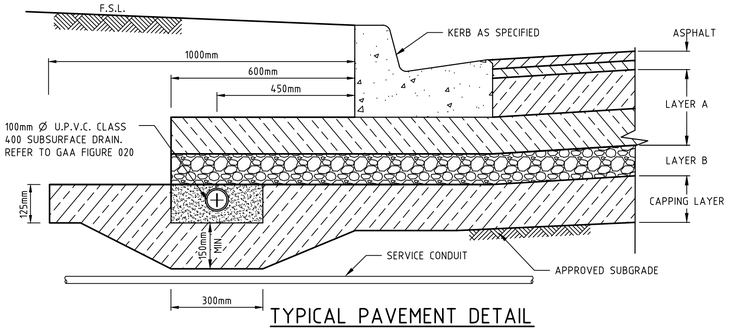
TYPICALSECTIONS
TEMPORARY OPEN EARTH DRAIN
SCALE 1:50



TEMPORARY END ROAD DETAIL
SCALE 1:500



TYPICAL CROSS SECTION
16m ACCESS STREET
SCALE 1:100
WILLSMERE WAY



TYPICAL PAVEMENT DETAIL
ACCESS STREETS / PLACES
SCALE 1:10

PAVEMENT DETAILS

	ACCESS STREETS BOTH ROADS
ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N ASPAHLT BASE COURSE 30mm SIZE 10 BITUMEN CRUMB RUBBER ASPHALT BITUMINOUS PRIME PRIME OR SIZE 5 OR SIZE 7 BITUMEN EMULSION PRIMERSEAL (NOT EXCEEDING 60% BITUMEN CONTENT) AT >0.9 L/m²
LAYER A	BASE COURSE 130mm SIZE 20mm CLASS 2 CRUSHED ROCK UPPER SUBBASE: 120mm SIZE 20 CLASS 3 CRUSHED ROCK
LAYER B	LOWER SUBBASE: 100mm SIZE 20 CLASS 4 CRUSHED ROCK
CAPPING LAYER	CAPPING 150mm REFER SECTION 7.4 OF REPORT
DEPTH TOTAL	560mm
SUBGRADE	SUBGRADE CBR ≥ 2%

REFER TO GOLDER ASSOCIATE'S GEOTECHNICAL REPORT NUMBER 127612078-001-R-Rev0 DATED 18/01/2013

DRAWING INDEX

SHEET NO.	DRAWING NO.	DESCRIPTION
01	11722TD01	LOCALITY PLAN, NOTES AND DETAILS
02	11722SP01	STAGING PLAN
03	11722DP01	DETAIL PLAN
04	11722SOP01	SETOUT DETAILS
05-07	11722ID01-03	INTERSECTION DETAILS - SHEET 1 TO 3
08-09	11722LS01-02	LONGITUDINAL SECTIONS - SHEETS 1 TO 2
10-12	11722XS01-03	CROSS SECTIONS - SHEETS 1 TO 3
13-15	11722DR01-03	DRAINAGE LONGITUDINAL SECTIONS - SHEETS 1 TO 3
16	11722FP01	FILL PLAN
17	11722POS01	PLAN OF SUBDIVISION
18	11722EF01	EXISTING FEATURES PLAN

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 1161107
Verified SL
Date 03/06/13
AN 1061034
Audited RCM
Date 22/08/13
AN 6415333
Approved TL
Date 27/08/13
AN 881878
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

Coords: MGA
Levels: AHD

Scale @ A1/A3 AS SHOWN

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MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
LOCALITY PLAN, NOTES AND DETAILS

Drawing No. 11722TD01 Rev 3
Sheet No. 01 AS CONSTRUCTED

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REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/06/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161108
Verified SL
Date 03/06/13
AN 1061035
Audited RCM
Date 22/08/13
AN 641534
Approved TL
Date 27/08/13
AN 881879
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

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MAB GPC

Coords: MGA
Levels: AHD
Hor 1:2000 0m 20m 40m 80m 120m
Scale @ A1/A3 1:2000/1:4000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
STAGING PLAN

Drawing No. 11722SP01 Rev 3
Sheet No. 02 AS CONSTRUCTED

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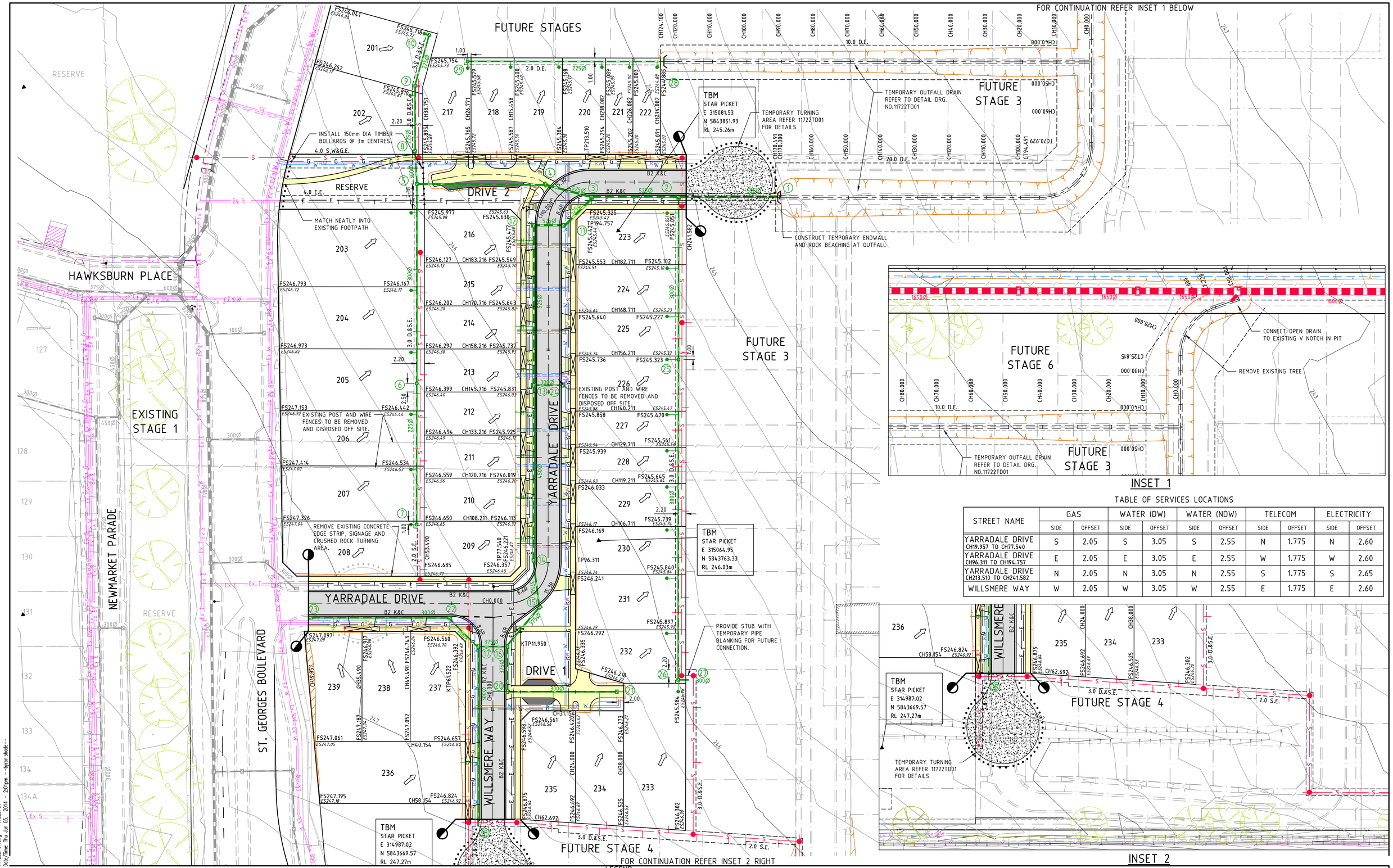

TABLE OF SERVICES LOCATIONS

STREET NAME	GAS		WATER (DW)		WATER (NDW)		TELECOM		ELECTRICITY	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
YARRADALE DRIVE CH19.957 TO CH77.540	S	2.05	S	3.05	S	2.55	N	1.775	N	2.60
YARRADALE DRIVE CH96.311 TO CH194.757	E	2.05	E	3.05	E	2.55	W	1.775	W	2.60
YARRADALE DRIVE CH213.510 TO CH241.582	N	2.05	N	3.05	N	2.55	S	1.775	S	2.65
WILLSMERE WAY	W	2.05	W	3.05	W	2.55	E	1.775	E	2.60

REV	AMENDMENTS	DATE	APP'D.
4	AS CONSTRUCTED	05/06/14	TL
3	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
2	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
1	VEHICLE CROSSOVER ADDED	28/08/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161109
Verified SL
Date 03/06/13
AN 1061036
Audited RCM
Date 22/08/13
AN 641535
Approved TL
Date 27/08/13
AN 881880

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Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

LEGEND

- EXISTING WATER MAIN
- EXISTING GAS MAIN
- EXISTING ELECTRICAL CABLE
- EXISTING SEWER MAIN & MANHOLE
- EXISTING TELECOMM. CABLE AND PIT
- EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING STORMWATER DRAIN & PIT
- CONSTRUCTED PRE DEVELOPMENT
- EXISTING TREES TO BE REMOVED
- ES20.06 EXISTING SURFACE LEVEL
- FS21.650 FINISHED SURFACE LEVEL
- OPEN EARTH DRAIN (O.E.D.)
- SEWER MAIN AND MANHOLE
- STORMWATER DRAIN & PIT
- SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
- MAIN DRAIN
- PROPERTY INLETS
- HOUSE DRAIN
- GAS CONDUIT
- WATER CONDUIT
- RECYCLED WATER CONDUIT
- TELECOMM. CONDUIT
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- OPTIC FIBRE
- WATER
- RECYCLED WATER
- TELECOMMUNICATIONS
- ELECTRICITY
- GAS
- STREET NAME SIGN
- REGRADE LOT AT MIN 1 IN 150
- ASPHALT PAVEMENT
- CONC FOOTPATH / DRIVEWAY
- LIMIT OF WORKS
- FILLING OVER 200mm

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Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
DETAIL PLAN

Drawing No. 11722DP01 Rev 4
Sheet No. 03 AS CONSTRUCTED

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11722DP01.dwg - 11722DP01
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HORIZONTAL ALIGNMENT REPORT FOR YARRADALE DRIVE DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	314959.322	5843758.012	247.255	97°03'10.00"	
VC INTERSECTION POINT	8.210	314967.470	5843757.004	247.090	97°03'10.00"	
STRAIGHT	20.000	314979.171	5843755.556	246.982	97°03'10.00"	
STRAIGHT	40.000	314999.019	5843753.101	246.766	97°03'10.00"	
STRAIGHT	60.000	315018.868	5843750.645	246.517	97°03'10.00"	
TANGENT-CURVE	77.540	315036.276	5843748.491	246.298	97°03'10.00"	-11.950
CURVE	80.000	315038.731	5843748.442	246.269	85°15'32.15"	-11.950
CURVE	82.857	315041.523	5843749.015	246.237	71°33'36.00"	-11.950
CURVE	85.714	315044.100	5843750.232	246.206	57°51'39.85"	-11.950
CURVE	88.571	315046.315	5843752.025	246.178	44°09'43.70"	-11.950
CURVE	91.429	315048.043	5843754.292	246.152	30°27'47.54"	-11.950
CURVE	94.286	315049.185	5843756.904	246.128	16°45'51.39"	-11.950
INTERSECTION POINT	96.311	315049.602	5843758.884	246.112	7°03'10.00"	
STRAIGHT	100.000	315050.055	5843762.545	246.084	7°03'10.00"	
STRAIGHT	120.000	315052.511	5843782.393	245.934	7°03'10.00"	
STRAIGHT	140.000	315054.967	5843802.242	245.783	7°03'10.00"	
STRAIGHT	160.000	315057.422	5843822.091	245.633	7°03'10.00"	
STRAIGHT	180.000	315059.878	5843841.939	245.482	7°03'10.00"	
TANGENT-CURVE	194.761	315061.690	5843856.589	245.371	7°03'10.00"	11.950
CURVE	197.143	315062.216	5843858.908	245.353	18°28'18.78"	11.950
CURVE	200.000	315063.435	5843861.484	245.332	32°10'14.93"	11.950
CURVE	202.857	315065.229	5843863.699	245.310	45°52'11.08"	11.950
CURVE	205.714	315067.497	5843865.425	245.288	59°34'07.23"	11.950
CURVE	208.571	315070.110	5843866.566	245.263	73°16'03.38"	11.950
CURVE	211.429	315072.918	5843867.055	245.236	86°57'59.54"	11.950
CURVE-TANGENT	213.532	315075.017	5843866.981	245.214	97°03'10.00"	11.950
STRAIGHT	220.000	315081.436	5843866.187	245.140	97°03'10.00"	
INTERSECTION POINT	237.582	315098.885	5843864.028	244.909	97°03'10.00"	
STRAIGHT	240.000	315101.285	5843863.731	244.877	97°03'10.00"	
STRAIGHT	260.000	315121.133	5843861.276	244.612	97°03'10.00"	
STRAIGHT	280.000	315140.982	5843858.820	244.359	97°03'10.00"	
STRAIGHT	300.000	315160.831	5843856.364	244.143	97°03'10.00"	
STRAIGHT	320.000	315180.679	5843853.909	243.866	97°03'10.00"	
STRAIGHT	340.000	315200.528	5843851.453	243.436	97°03'10.00"	
STRAIGHT	360.000	315220.377	5843848.997	243.360	97°03'10.00"	
INTERSECTION POINT	361.727	315222.091	5843848.785	243.409	97°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR WILLSMERE WAY DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315032.257	5843748.993	246.349	187°03'10.00"	
STRAIGHT	20.000	315029.801	5843729.144	246.340	187°03'10.00"	
STRAIGHT	40.000	315027.345	5843709.296	246.570	187°03'10.00"	
STRAIGHT	60.000	315024.890	5843689.447	246.837	187°03'10.00"	
INTERSECTION POINT	62.692	315024.559	5843686.775	246.873	187°03'10.00"	
STRAIGHT	80.000	315022.434	5843669.598	247.107	187°03'10.00"	
TANGENT-CURVE	89.050	315021.323	5843660.617	247.231	187°03'10.00"	-11.050
CURVE	91.429	315021.286	5843658.243	247.263	174°43'15.56"	-11.050
CURVE	94.286	315021.912	5843655.464	247.302	159°54'22.71"	-11.050
CURVE	97.143	315023.227	5843652.936	247.341	145°05'29.86"	-11.050
CURVE	100.000	315025.146	5843650.829	247.379	130°16'37.01"	-11.050
CURVE	102.857	315027.539	5843649.283	247.410	115°27'44.16"	-11.050
CURVE	105.714	315030.248	5843648.400	247.433	100°38'51.30"	-11.050
CURVE-TANGENT	106.407	315030.932	5843648.293	247.438	97°03'15.31"	-11.050
INTERSECTION POINT	106.407	315030.932	5843648.293	247.438	97°03'15.31"	
INTERSECTION POINT	112.916	315037.392	5843647.494	247.458	97°03'15.33"	
TANGENT-CURVE	112.916	315037.392	5843647.494	247.458	97°03'15.33"	112.050
CURVE	113.333	315037.806	5843647.442	247.458	97°16'03.32"	112.050
CURVE	120.000	315044.390	5843646.403	247.436	100°40'35.51"	112.050

HORIZONTAL ALIGNMENT REPORT FOR OED 1 DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315245.258	5843918.720	242.200	258°03'02.04"	
TANGENT-CURVE	7.228	315238.187	5843917.223	242.228	258°03'02.04"	-15.000
CURVE	10.000	315235.543	5843916.403	242.239	247°27'43.61"	-15.000
CURVE	13.333	315232.631	5843914.795	242.252	234°43'46.98"	-15.000
CURVE	16.667	315230.145	5843912.585	242.265	221°59'50.36"	-15.000
CURVE	20.000	315228.207	5843909.881	242.279	209°15'53.74"	-15.000
CURVE	23.333	315226.913	5843906.817	242.292	196°31'57.11"	-15.000
INTERSECTION POINT	25.815	315226.406	5843904.390	242.301	187°03'10.00"	
STRAIGHT	30.000	315225.892	5843900.237	242.318	187°03'10.00"	
STRAIGHT	40.000	315224.664	5843890.313	242.357	187°03'10.00"	
STRAIGHT	50.000	315223.436	5843880.388	242.396	187°03'10.00"	
STRAIGHT	60.000	315222.209	5843870.464	242.436	187°03'10.00"	
STRAIGHT	70.000	315220.981	5843860.539	242.475	187°03'10.00"	
TANGENT-CURVE	70.929	315220.867	5843859.617	242.479	187°03'10.00"	15.000
CURVE	73.333	315220.382	5843857.265	242.488	196°14'10.82"	15.000
CURVE	76.667	315219.103	5843854.194	242.501	208°58'07.44"	15.000
CURVE	80.000	315217.180	5843851.481	242.514	221°42'04.07"	15.000
CURVE	83.333	315214.705	5843849.258	242.527	234°26'00.69"	15.000
CURVE	86.667	315211.801	5843847.635	242.541	247°09'57.31"	15.000
CURVE	90.000	315208.611	5843846.692	242.554	259°53'53.94"	15.000
CURVE	93.333	315205.292	5843846.475	242.567	272°37'50.56"	15.000
CURVE-TANGENT	94.491	315204.138	5843846.573	242.571	277°03'10.00"	15.000
STRAIGHT	100.000	315198.671	5843847.249	242.593	277°03'10.00"	
STRAIGHT	110.000	315188.747	5843848.477	242.632	277°03'10.00"	
STRAIGHT	120.000	315178.822	5843849.705	242.672	277°03'10.00"	
STRAIGHT	130.000	315168.898	5843850.933	242.711	277°03'10.00"	
STRAIGHT	140.000	315158.974	5843852.160	242.750	277°03'10.00"	
STRAIGHT	150.000	315149.049	5843853.388	242.789	277°03'10.00"	
STRAIGHT	160.000	315139.125	5843854.616	242.829	277°03'10.00"	
STRAIGHT	170.000	315129.201	5843855.844	242.868	277°03'10.00"	
INTERSECTION POINT	170.491	315128.714	5843855.904	242.870	277°03'10.00"	

HORIZONTAL ALIGNMENT REPORT FOR OED 2 DESIGN LINE

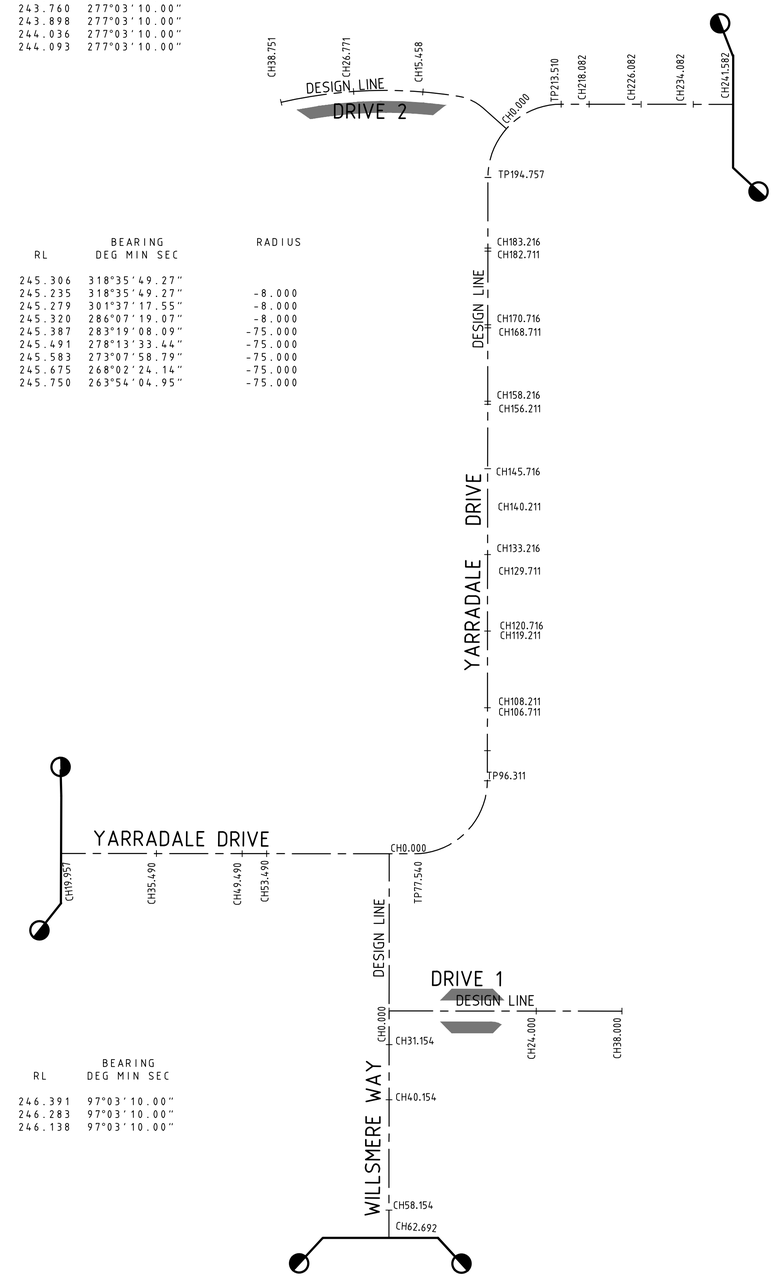
POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC
INTERSECTION POINT	0.000	315223.863	5843883.833	242.383	277°03'10.00"
VC INTERSECTION POINT	0.500	315223.366	5843883.894	242.383	277°03'10.00"
STRAIGHT	10.000	315213.938	5843885.061	242.514	277°03'10.00"
STRAIGHT	20.000	315204.014	5843886.288	242.653	277°03'10.00"
STRAIGHT	30.000	315194.090	5843887.516	242.791	277°03'10.00"
STRAIGHT	40.000	315184.165	5843888.744	242.929	277°03'10.00"
STRAIGHT	50.000	315174.241	5843889.972	243.068	277°03'10.00"
STRAIGHT	60.000	315164.317	5843891.200	243.206	277°03'10.00"
STRAIGHT	70.000	315154.392	5843892.428	243.344	277°03'10.00"
STRAIGHT	80.000	315144.468	5843893.656	243.483	277°03'10.00"
STRAIGHT	90.000	315134.544	5843894.883	243.621	277°03'10.00"
STRAIGHT	100.000	315124.619	5843896.111	243.760	277°03'10.00"
STRAIGHT	110.000	315114.695	5843897.339	243.898	277°03'10.00"
STRAIGHT	120.000	315104.771	5843898.567	244.036	277°03'10.00"
INTERSECTION POINT	124.100	315100.702	5843899.070	244.093	277°03'10.00"

HORIZONTAL ALIGNMENT REPORT FOR DRIVE 2 DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC	RADIUS
INTERSECTION POINT	0.000	315065.647	5843864.085	245.306	318°35'49.27"	
TANGENT-CURVE	5.130	315062.254	5843867.933	245.235	318°35'49.27"	-8.000
CURVE	7.500	315060.448	5843869.454	245.279	301°37'17.55"	-8.000
CURVE-TANGENT	9.664	315058.475	5843870.327	245.320	286°07'19.07"	-8.000
CURVE	13.333	315054.927	5843871.259	245.387	283°19'08.09"	-75.000
CURVE	20.000	315048.380	5843872.505	245.491	278°13'33.44"	-75.000
CURVE	26.667	315041.748	5843873.165	245.583	273°07'58.79"	-75.000
CURVE	33.333	315035.084	5843873.233	245.675	268°02'24.14"	-75.000
CURVE-TANGENT	38.751	315029.681	5843872.852	245.750	263°54'04.95"	-75.000

HORIZONTAL ALIGNMENT REPORT FOR DRIVE 1 DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES EASTINGS	NORTHINGS	RL	BEARING DEG MIN SEC
INTERSECTION POINT	0.000	315029.107	5843723.533	246.391	97°03'10.00"
STRAIGHT	20.000	315048.955	5843721.077	246.283	97°03'10.00"
INTERSECTION POINT	38.000	315066.819	5843718.867	246.138	97°03'10.00"



REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161110
Verified SL
Date 03/06/13
AN 1061037
Audited RCM
Date 22/08/13
AN 641536
Approved TL
Date 27/08/13
AN 881881
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
SETOUT DETAILS

Drawing No. 11722SOP01 Rev 3
Sheet No. 04 AS CONSTRUCTED

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Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\RD\
11722SOP01.dwg - 11722SOP01
Date/Time: Thu Jun 05, 2014 - 2:01pm --byron.shode--

LINEMARKING LEGEND

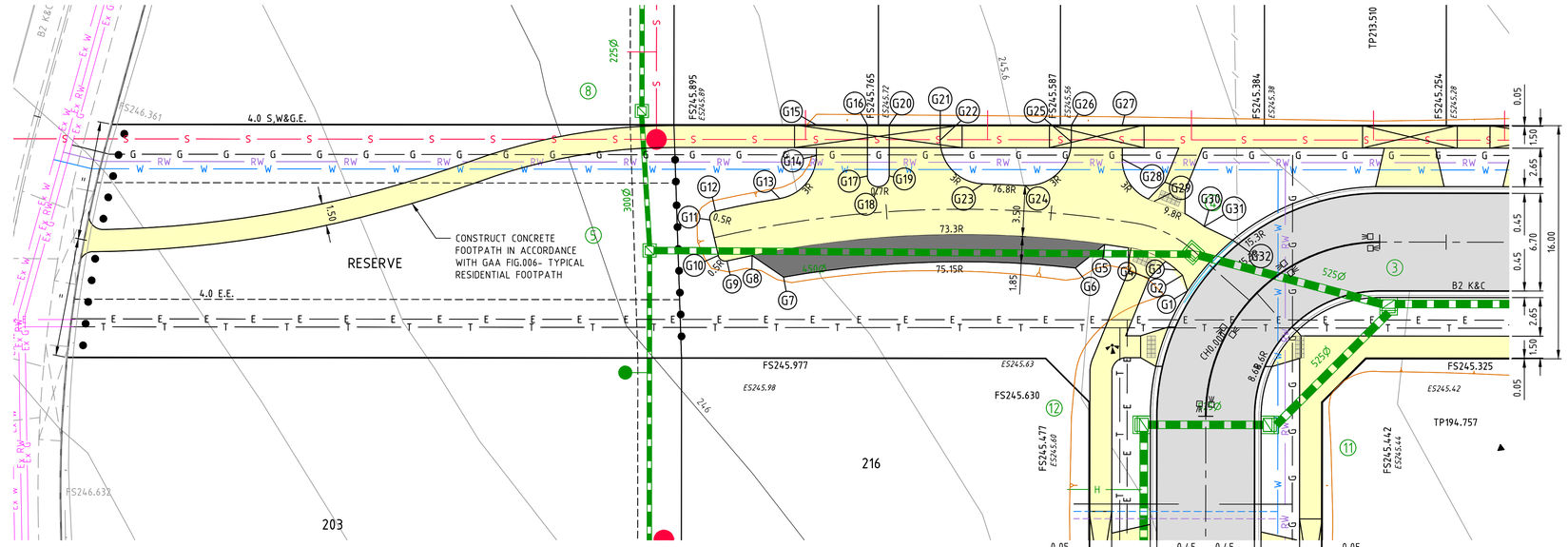
- 600mm WIDE GIVE WAY HOLDING LINE
- 200mm WIDE GIVE WAY LINE
- 200mm WIDE CONTINUITY LINE
- 100mm WIDE BARRIER LINE
- RAISED REFLECTIVE PAVEMENT MARKERS (SPACED AT 6m c/c UNLESS NOTED OTHERWISE)
- DENOTES TACTILE GROUND INDICATORS IN ACCORDANCE WITH AS. 1428

NOTES:

1. ALL WORKS TO BE IN ACCORDANCE WITH AS1742. ALL LINEMARKING AND SIGNAGE TO BE IN ACCORDANCE WITH VICROADS LINEMARKING AND TRAFFIC MANUALS.
2. LINEMARKING SET-OUT SHALL BE INSPECTED AND APPROVED BEFORE FINAL LINEMARKING IS CARRIED OUT.
3. ALL LINEMARKING SHALL BE PLACED WITH TWO COATS OF PAINT. ALL LINEMARKING TO BE DEGADUR OR SIMILAR APPROVED LONGLIFE MATERIAL.
4. ANY OBSOLETE LINEMARKING IS TO BE REMOVED BY GRINDING, STRIPPING OR THE APPLICATION OF BITUMEN BINDER AND GRIT PRIOR TO "NEW" LINEMARKING BEING PLACED.
5. ALL RADII ARE TO LIP OF CHANNEL OR LINE OF KERB. ALL LANE WIDTHS ARE TO LIP OF KERB & CHANNEL
6. RRPM'S TO BE PROVIDED IN ACCORDANCE WITH AS1742.

LINE MARKING:

L.L. = LANE LINE
G.L. = GIVE WAY LINES (STATCON)
C.L. = CONTINUITY LINE



PLAN

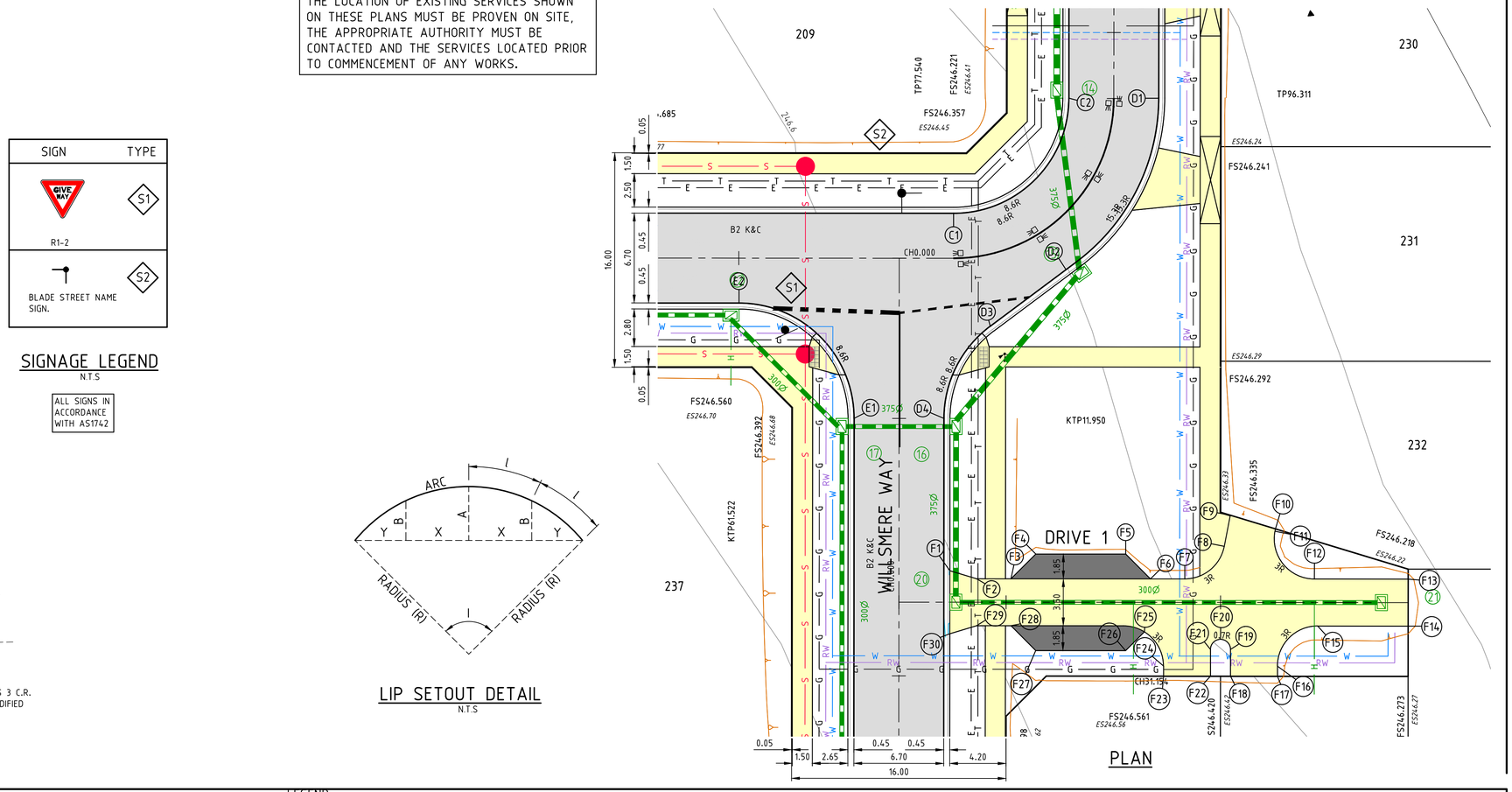
WARNING!
THE LOCATION OF EXISTING SERVICES SHOWN ON THESE PLANS MUST BE PROVEN ON SITE, THE APPROPRIATE AUTHORITY MUST BE CONTACTED AND THE SERVICES LOCATED PRIOR TO COMMENCEMENT OF ANY WORKS.

SIGN	TYPE
GIVE WAY R1-2	S1
BLADE STREET NAME SIGN.	S2

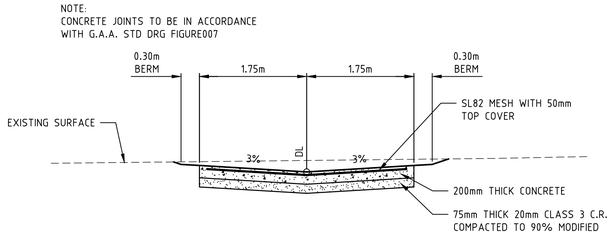
SIGNAGE LEGEND

N.T.S

ALL SIGNS IN ACCORDANCE WITH AS1742



PLAN



TYPICAL EXTENDED DRIVE

LIP SETOUT DETAIL

N.T.S

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11722ID01.dwg - 11722ID01
Date/Time: Thu Jun 05, 2014 - 2:01pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
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Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161111
Verified SL
Date 03/06/13
AN 1061038
Audited RCM
Date 22/08/13
AN 641537
Approved TL
Date 27/08/13
AN 881882
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

LEGEND

- Ex W — EXISTING WATER MAIN
- Ex G — EXISTING GAS MAIN
- Ex E — EXISTING ELECTRICAL CABLE
- Ex S — EXISTING SEWER MAIN & MANHOLE
- Ex T — EXISTING TELECOMM. CABLE AND PIT
- Ex V — EXISTING ELEC. POLE & O'HEAD LINES
- EXISTING STORMWATER DRAIN & PIT
- CONSTRUCTED PRE DEVELOPMENT
- EXISTING TREES TO BE REMOVED
- ES20.06 — EXISTING SURFACE LEVEL
- FS21.650 — FINISHED SURFACE LEVEL
- OPEN EARTH DRAIN (O.E.D.)
- S — SEWER MAIN AND MANHOLE
- STORMWATER DRAIN & PIT
- SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
- PROPERTY INLETS
- H — HOUSE DRAIN
- GC — GAS CONDUIT
- WATER CONDUIT
- RECYCLED WATER CONDUIT
- TC — TELECOMM. CONDUIT
- PERMANENT SURVEY MARK
- TEMPORARY BENCH MARK
- OF — OPTIC FIBRE
- W — WATER
- RW — RECYCLED WATER
- T — TELECOMMUNICATIONS
- E — ELECTRICITY
- G — GAS
- STREET NAME SIGN
- REGRADE LOT AT MIN 1 IN 150
- ASPHALT PAVEMENT
- CONC FOOTPATH / DRIVEWAY
- LANDSCAPING
- FILLING OVER 200mm
- 155.0 — FINISHED SURFACE CONTOUR

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:200 0m 2m 4m 8m 12m
Scale @ A1/A3 1:200/1:400

MERRIFIELD DEVELOPMENT

DONNYBROOK ROAD, MICKLEHAM
STAGE 2
INTERSECTION DETAILS
SHEET 1 OF 3
Drawing No. 11722ID01 Rev 3
Sheet No. 05 AS CONSTRUCTED

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ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	315075.429	5843870.306	245.114
A2	315058.366	5843857.000	245.271

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
A1 - A2	90.000	15.300	24.033	4.481	3.317	5.855	4.964	6.008	245.208

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	315074.606	5843863.656	245.114
B2	315065.015	5843856.177	245.271

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
B1 - B2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	245.197

ALIGNMENT C

POINT NO	EASTING	NORTHING	RL
C1	315036.687	5843751.816	246.198
C2	315046.278	5843759.295	246.011

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
C1 - C2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	246.097

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	315052.932	5843758.512	246.011
D2	315045.336	5843747.105	246.105
D3	315038.383	5843743.134	246.149
D4	315034.114	5843736.722	246.190

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	53.212	15.300	14.209	1.620	1.210	3.521	3.332	3.552	246.062
D3 - D4	53.212	8.600	7.987	0.911	0.680	1.979	1.873	1.997	246.170

ALIGNMENT E

POINT NO	EASTING	NORTHING	RL
E1	315027.464	5843737.540	246.190
E2	315019.985	5843747.131	246.397

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
E1 - E2	90.000	8.600	13.509	2.519	1.864	3.291	2.790	3.377	246.281

ALIGNMENT F

POINT NO	EASTING	NORTHING	RL
F1	315033.167	5843725.398	246.378
F2	315035.078	5843724.557	246.355
F3	315037.623	5843724.242	246.392
F4	315039.687	5843725.851	246.474
F5	315046.336	5843725.029	246.432
F6	315047.945	5843722.965	246.352
F7	315050.490	5843722.650	246.318
F8	315053.715	5843724.709	246.352
F9	315054.436	5843726.953	246.416
F10	315057.656	5843725.531	246.343
F11	315057.600	5843725.359	246.337
F12	315060.088	5843721.463	246.191
F13	315067.034	5843720.604	246.190
F14	315066.604	5843717.130	246.190
F15	315059.905	5843717.959	246.186
F16	315056.560	5843715.350	246.315
F17	315056.468	5843714.606	246.339
F18	315052.994	5843715.035	246.385
F19	315053.240	5843717.020	246.325
F20	315052.588	5843717.857	246.313
F21	315051.751	5843717.204	246.345
F22	315051.506	5843715.220	246.405
F23	315048.032	5843715.649	246.451
F24	315048.124	5843716.394	246.430
F25	315047.020	5843719.106	246.371
F26	315045.452	5843717.883	246.432
F27	315038.803	5843718.706	246.499
F28	315037.194	5843720.769	246.431
F29	315034.648	5843721.084	246.394
F30	315032.589	5843720.734	246.426

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
F7 - F8	79.220	3.000	4.148	0.689	0.511	1.016	0.896	1.037	246.316
F11- F12	100.780	3.000	5.277	1.087	0.802	1.277	1.034	1.319	246.254
F15- F16	90.000	3.000	4.712	0.879	0.650	1.148	0.973	1.178	246.241
F19- F20	90.000	0.750	1.178	0.220	0.163	0.287	0.243	0.295	246.312
F20- F21	90.000	0.750	1.178	0.220	0.163	0.287	0.243	0.295	246.327
F24- F25	58.424	3.000	3.059	0.382	0.285	0.757	0.708	0.765	246.391

ALIGNMENT G

POINT NO	EASTING	NORTHING	RL
G1	315061.505	5843865.270	245.217
G2	315061.287	5843866.384	245.248
G3	315060.942	5843866.775	245.262
G4	315057.989	5843868.646	245.358
G5	315056.240	5843869.128	245.407
G6	315054.042	5843867.769	245.496
G7	315034.084	5843869.588	245.799
G8	315032.116	5843871.318	245.771
G9	315030.361	5843871.163	245.795
G10	315029.814	5843871.608	245.786
G11	315029.548	5843874.094	245.787
G12	315029.996	5843874.644	245.795
G13	315034.481	5843874.961	245.735
G14	315037.335	5843877.590	245.773
G15	315037.592	5843879.672	245.833
G16	315041.066	5843879.243	245.771
G17	315040.637	5843875.777	245.675
G18	315041.289	5843874.940	245.643
G19	315042.126	5843875.593	245.653
G20	315042.555	5843879.058	245.753
G21	315046.028	5843878.629	245.705
G22	315045.901	5843877.601	245.673
G23	315048.456	5843874.262	245.547
G24	315051.308	5843873.802	245.504
G25	315054.819	5843876.385	245.551
G26	315054.960	5843877.524	245.587
G27	315058.433	5843877.094	245.540
G28	315058.149	5843874.792	245.476
G29	315059.980	5843871.652	245.367
G30	315063.167	5843869.518	245.260
G31	315063.171	5843869.512	245.260
G32	315064.994	5843868.345	245.200

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
G3 - G4	32.475	6.250	3.542	0.249	0.187	0.883	0.865	0.886	245.310
G4 - G5	1.419	73.250	1.814	0.006	0.004	0.454	0.454	0.454	245.382
G6 - G7	16.135	71.400	20.107	0.707	0.530	5.023	4.998	5.027	245.648
G8 - G9	1.378	73.250	1.762	0.005	0.004	0.441	0.441	0.441	245.783
G9 - G10	89.612	0.500	0.782	0.145	0.108	0.191	0.162	0.196	245.793
G11- G12	90.376	0.500	0.789	0.148	0.109	0.192	0.163	0.197	245.795
G12- G13	3.358	76.750	4.498	0.033	0.025	1.124	1.124	1.124	245.765
G13- G14	80.582	3.000	4.219	0.712	0.528	1.033	0.907	1.055	245.730
G17- G18	90.000	0.750	1.178	0.220	0.163	0.287	0.243	0.295	245.658
G18- G19	90.000	0.750	1.178	0.220	0.163	0.287	0.243	0.295	245.639
G22- G23	88.958	3.000	4.658	0.859	0.636	1.135	0.967	1.164	245.600
G23- G24	2.157	76.750	2.889	0.014	0.010	0.722	0.722	0.722	245.525
G24- G25	93.198	3.000	4.880	0.939	0.694	1.187	0.993	1.220	245.500
G28- G29	74.586	3.000	3.905	0.613	0.456	0.959	0.858	0.976	245.422
G29- G30	22.688	9.750	3.861	0.190	0.143	0.964	0.954	0.965	245.314

Drawing File: C:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\R0\
11722ID01.dwg - 11722ID02
Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shade--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161112
Verified SL
Date 03/06/13
AN 1061039
Audited RCM
Date 22/08/13
AN 641538
Approved TL
Date 27/08/13
AN 881883
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
INTERSECTION DETAILS
SHEET 2 OF 3
Drawing No. 11722ID02 Rev 3
Sheet No. 06 AS CONSTRUCTED

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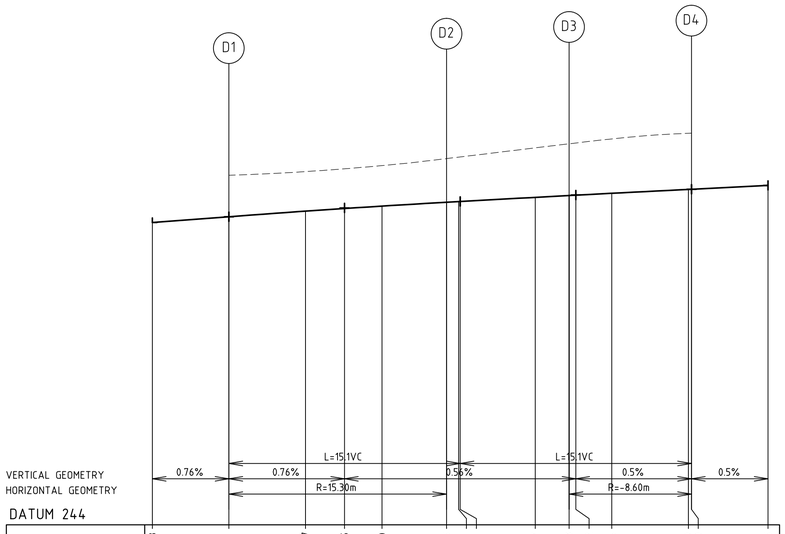
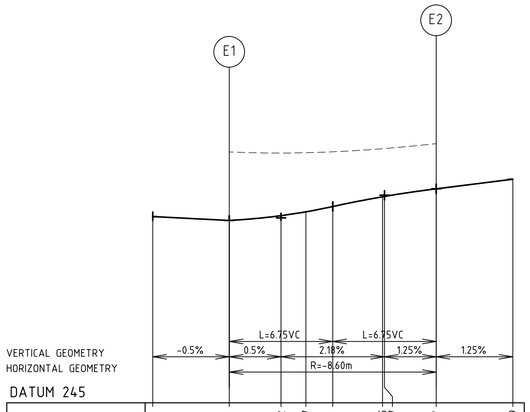


DATUM 244

DESIGN LIP RL	245.973	246.011	246.047	246.065	246.080	246.105	246.110 246.111	246.137	246.149	246.152	246.164	246.189 246.190	246.215
EXISTING SURFACE		246.282	246.305	246.324	246.345	246.390	246.400 246.401	246.461	246.487	246.493	246.519	246.556 246.556	
CHAINAGE	-5.000	0.000	5.000	7.551	10.000	14.209	15.000 15.102	20.000	22.217	22.653	25.000	30.000 30.204	35.204

LIP PROFILE D

REFER TO DRG. NO. 11722ID01

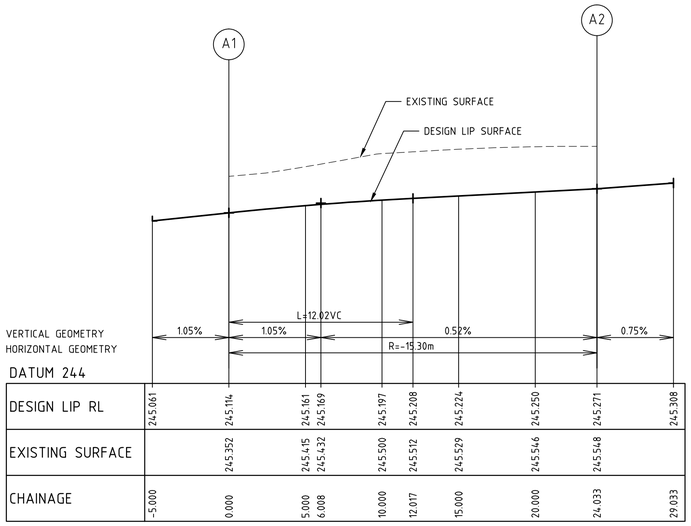


DATUM 245

DESIGN LIP RL	246.215	246.190	246.222	246.247	246.281	246.345 246.347	246.397	246.459
EXISTING SURFACE		246.637	246.630	246.633	246.638	246.658 246.659	246.691	
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000 10.132	13.509	18.509

LIP PROFILE E

REFER TO DRG. NO. 11722ID01

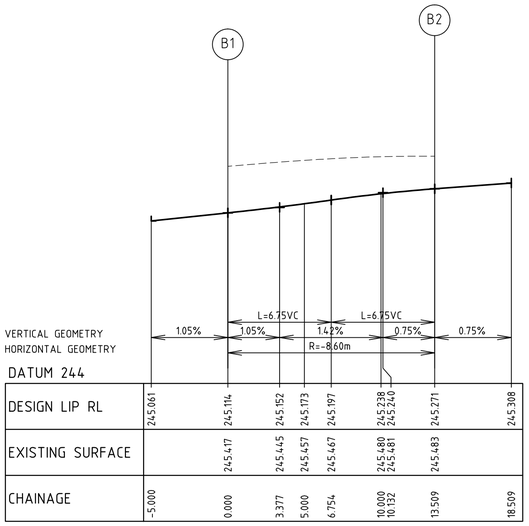


DATUM 244

DESIGN LIP RL	245.061	245.114	245.161	245.169	245.197	245.208	245.224	245.250	245.271	245.308
EXISTING SURFACE		245.352	245.415	245.432	245.500	245.512	245.529	245.546	245.548	
CHAINAGE	-5.000	0.000	5.000	6.008	10.000	12.017	15.000	20.000	24.033	29.033

LIP PROFILE A

REFER TO DRG. NO. 11722ID01

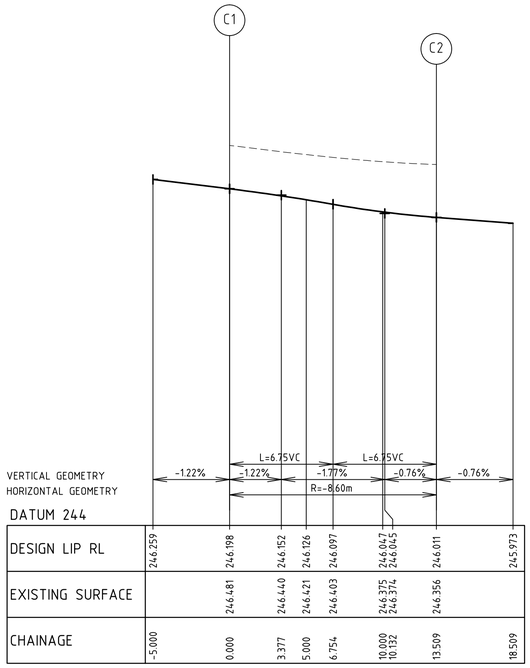


DATUM 244

DESIGN LIP RL	245.061	245.114	245.152	245.173	245.197	245.238 245.240	245.271	245.308
EXISTING SURFACE		245.417	245.445	245.457	245.467	245.480 245.481	245.483	
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000 10.132	13.509	18.509

LIP PROFILE B

REFER TO DRG. NO. 11722ID01



DATUM 244

DESIGN LIP RL	246.259	246.198	246.152	246.126	246.097	246.047 246.045	246.011	245.973
EXISTING SURFACE		246.481	246.440	246.421	246.403	246.375 246.374	246.356	
CHAINAGE	-5.000	0.000	3.377	5.000	6.754	10.000 10.132	13.509	18.509

LIP PROFILE C

REFER TO DRG. NO. 11722ID01

Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\ID\11722ID01.dwg - 11722ID03
Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161113
Verified SL
Date 03/06/13
AN 1061040
Audited RCM
Date 22/08/13
AN 641539
Approved TL
Date 27/08/13
AN 881884
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD

Hor 1:200 0m 2m 4m 8m 12m
Ver 1:20 0m 0.2m 0.4m 0.8m 1.2m
Scale @ A1/A3 1:200/1:400

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
INTERSECTION DETAILS
SHEET 3 OF 3
Drawing No. 11722ID03 Rev 3
Sheet No. 07 AS CONSTRUCTED

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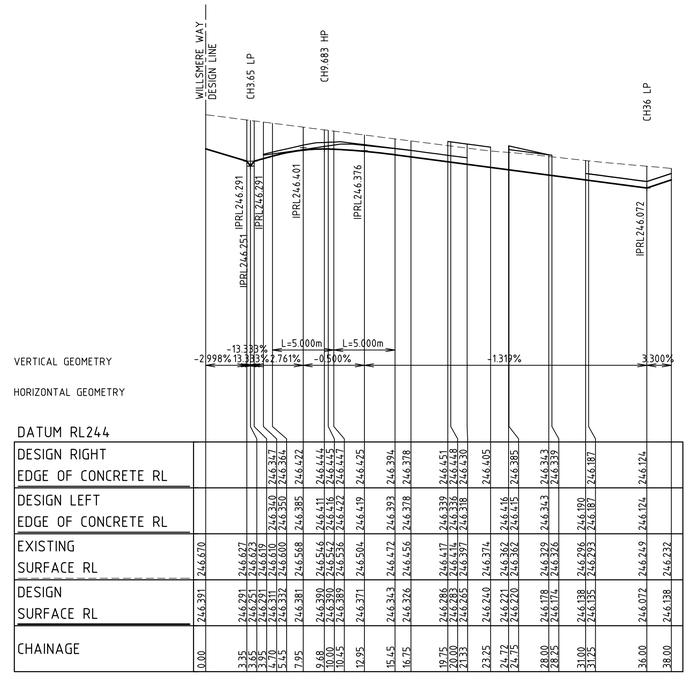
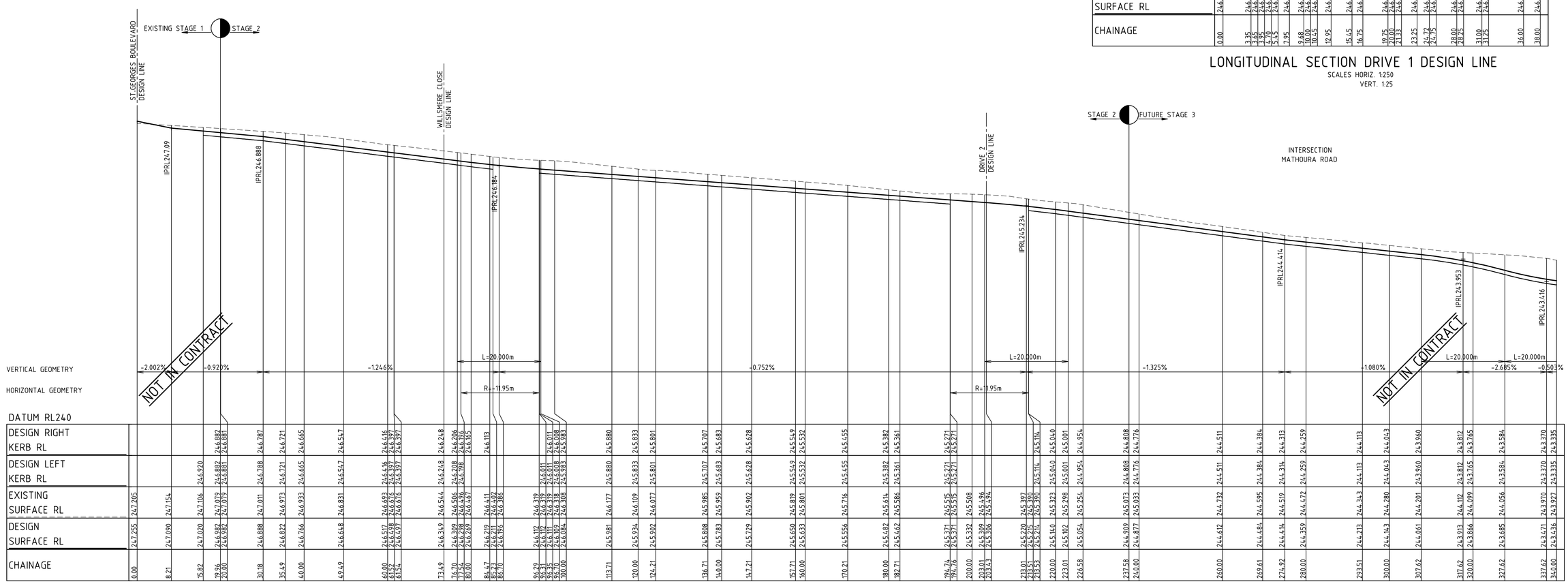


CHAINAGE	DESIGN SURFACE RL	EXISTING SURFACE RL	DESIGN LEFT EDGE OF CONCRETE RL	DESIGN RIGHT EDGE OF CONCRETE RL
0.00	246.391	246.670		
3.35	246.291	246.627		
3.85	246.291	246.623		
4.70	246.311	246.610	246.340	246.347
5.45	246.332	246.600	246.350	246.364
7.95	246.381	246.568	246.385	246.422
9.68	246.390	246.546	246.411	246.444
10.00	246.390	246.542	246.416	246.445
10.45	246.389	246.536	246.422	246.447
12.95	246.371	246.504	246.419	246.425
15.45	246.343	246.472	246.393	246.394
16.75	246.326	246.456	246.378	246.378
19.75	246.286	246.417	246.339	246.451
20.00	246.283	246.414	246.336	246.448
21.33	246.265	246.397	246.318	246.430
23.25	246.240	246.374		246.405
23.72	246.221	246.362	246.416	
24.75	246.200	246.362	246.415	246.385
28.00	246.178	246.339	246.343	246.343
28.25	246.174	246.326		246.339
31.00	246.138	246.296	246.190	
31.25	246.135	246.293	246.187	246.187
36.00	246.072	246.249	246.124	246.124
38.00	246.138	246.232		

LONGITUDINAL SECTION DRIVE 1 DESIGN LINE

SCALES HORIZ. 1:250
VERT. 1:25



CHAINAGE	DESIGN SURFACE RL	EXISTING SURFACE RL	DESIGN LEFT KERB RL	DESIGN RIGHT KERB RL
0.00	247.255	247.205		
8.21	247.090	247.154		
15.82	247.020	247.106	246.920	
19.96	246.982	247.079	246.882	246.882
20.00	246.982	247.079	246.881	246.881
30.18	246.888	247.011	246.788	246.787
35.49	246.822	246.973	246.721	246.721
40.00	246.766	246.933	246.665	246.665
49.49	246.648	246.831	246.547	246.547
60.00	246.517	246.693	246.416	246.416
61.52	246.498	246.676	246.397	246.397
63.14	246.497	246.676	246.397	246.397
73.49	246.349	246.544	246.248	246.248
76.70	246.309	246.506	246.208	246.206
78.80	246.285	246.485	246.198	246.196
80.00	246.269	246.473	246.195	
84.47	246.219	246.411		246.113
85.23	246.211	246.402		
86.70	246.196	246.386		
96.29	246.112	246.319	246.011	
96.31	246.112	246.319	246.011	246.011
96.35	246.111	246.319	246.011	246.011
98.70	246.109	246.318	245.988	245.988
100.00	246.084	246.308	245.983	245.983
113.71	245.981	246.177	245.880	245.880
120.00	245.934	246.109	245.833	245.833
124.21	245.902	246.077	245.801	245.801
136.71	245.808	245.985	245.707	245.707
140.00	245.783	245.959	245.683	245.683
147.21	245.729	245.902	245.628	245.628
157.71	245.650	245.819	245.549	245.549
160.00	245.633	245.801	245.532	245.532
170.21	245.556	245.716	245.455	245.455
180.00	245.482	245.614	245.382	245.382
182.71	245.462	245.586	245.361	245.361
194.74	245.371	245.515	245.271	245.271
194.76	245.371	245.515	245.271	245.271
200.00	245.332	245.508		
203.01	245.309	245.496		
203.43	245.306	245.494		
213.01	245.220	245.397		
213.51	245.215	245.390	245.114	245.114
213.53	245.214	245.390	245.114	245.114
220.00	245.160	245.323	245.040	245.040
223.01	245.102	245.298	245.001	245.001
226.58	245.054	245.256	244.954	244.954
237.58	244.909	245.073	244.808	244.808
240.00	244.877	245.033	244.776	244.776
260.00	244.612	244.732	244.511	244.511
269.61	244.484	244.595	244.384	244.384
271.92	244.414	244.519	244.314	244.313
280.00	244.359	244.472	244.259	244.259
293.51	244.213	244.343	244.113	244.113
300.00	244.143	244.280	244.043	244.043
307.62	244.061	244.201	243.960	243.960
317.62	243.913	244.112	243.812	243.812
320.00	243.866	244.099	243.765	243.765
327.62	243.685	244.056	243.584	243.584
337.62	243.471	243.970	243.370	243.370
340.00	243.436	243.927	243.335	243.335

LONGITUDINAL SECTION YARRADALE DRIVE DESIGN LINE

Drawing File: C:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\RD\11722LS01.dwg - 11722LS01
Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
2	AS CONSTRUCTED	05/06/14	TL
1	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161114
Verified SL
Date 03/06/13
AN 1061041
Audited RCM
Date 22/08/13
AN 641540
Approved TL
Date 27/08/13
AN 881885
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
LONGITUDINAL SECTIONS
SHEET 1 OF 2
Drawing No. 11722LS01 Rev 2
Sheet No. 08 AS CONSTRUCTED

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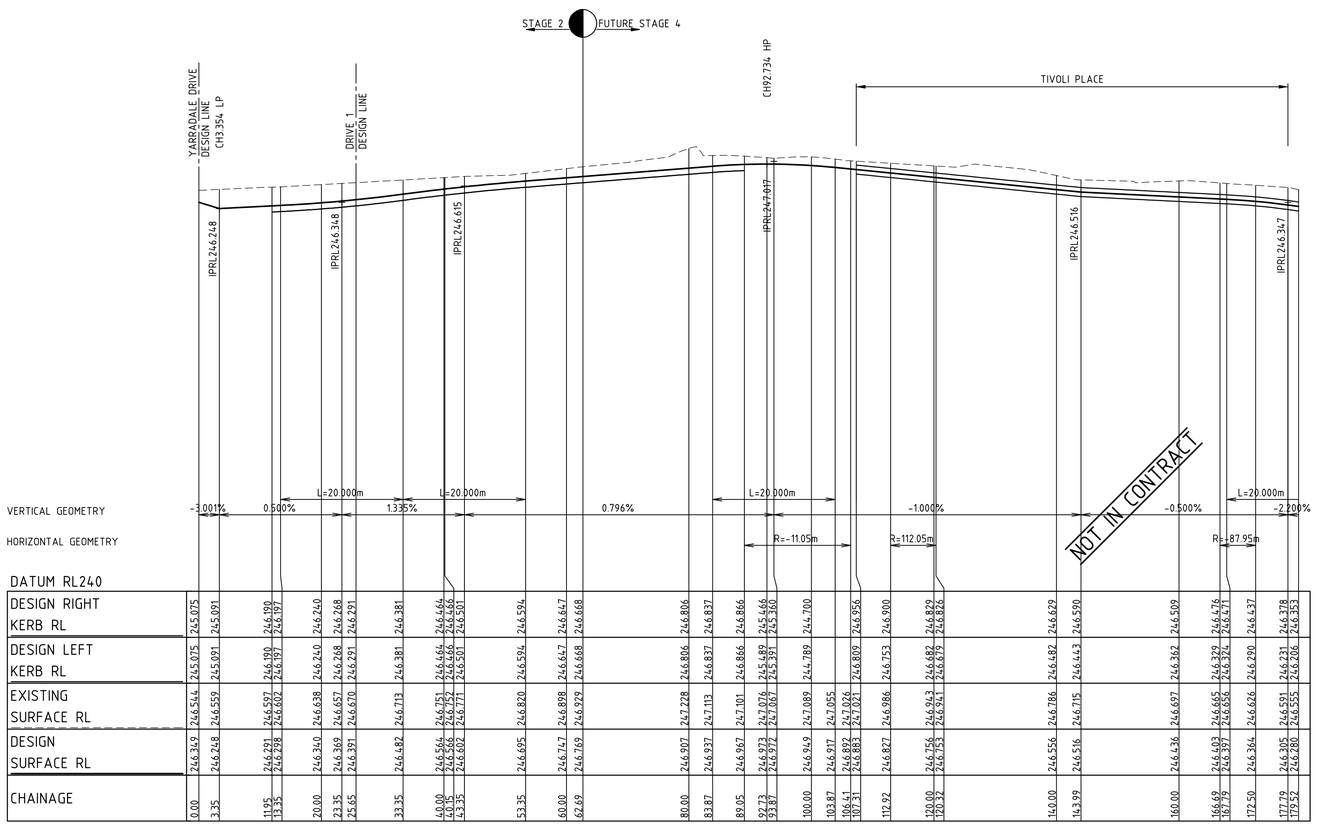
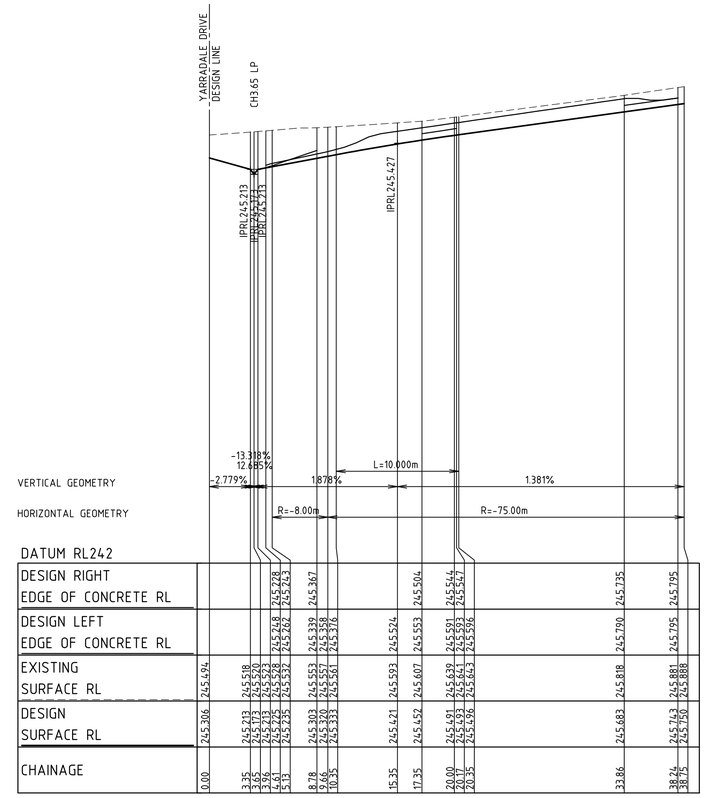


LONGITUDINAL SECTION WILLSMERE WAY DESIGN LINE



LONGITUDINAL SECTION DRIVE 2 DESIGN LINE

SCALES HORIZ. 1:250
VERT. 1:25

Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\R0\11722LS01.dwg - 11722LS02
Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161116
Verified SL
Date 03/06/13
AN 1061042
Audited RCM
Date 22/08/13
AN 641541
Approved TL
Date 27/08/13
AN 881886
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
LONGITUDINAL SECTIONS
SHEET 2 OF 2
Drawing No. 11722LS02 Rev 3
Sheet No. 09 AS CONSTRUCTED

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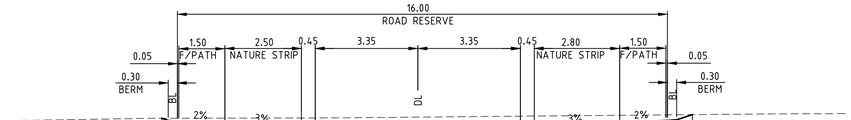

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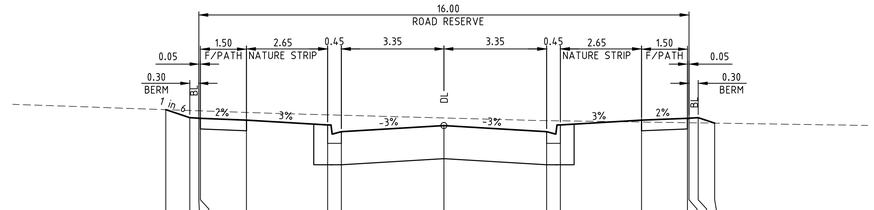
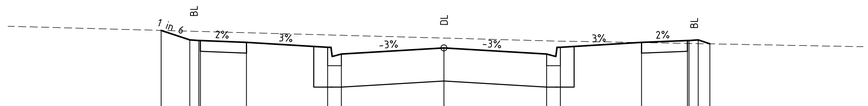


DATUM RL244.000

DESIGN SURFACE	245.721	245.591	245.582	245.581	245.551	245.471	245.361	245.462	245.361	245.471	245.551	245.581	245.582	245.591	245.591	245.577	245.502
EXISTING SURFACE	245.721	245.708	245.703	245.702	245.676	245.637	245.631	245.586	245.543	245.54	245.552	245.508	245.506	245.506	245.506	245.502	245.502
OFFSET	-9.080	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.839		

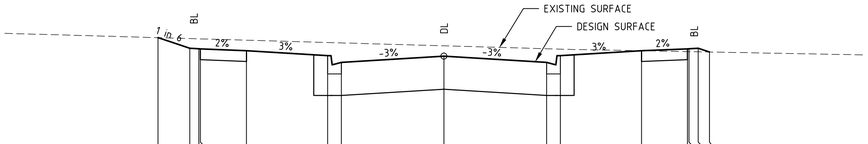
CH 182.711



DATUM RL244.000

DESIGN SURFACE	245.841	245.685	245.676	245.675	245.645	245.565	245.455	245.556	245.455	245.565	245.645	245.675	245.676	245.685	245.685	245.672	245.672
EXISTING SURFACE	245.841	245.828	245.824	245.824	245.803	245.767	245.761	245.716	245.671	245.665	245.642	245.628	245.626	245.625	245.622	245.622	
OFFSET	-9.233	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.683		

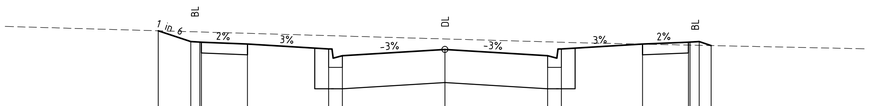
CH 170.211



DATUM RL244.000

DESIGN SURFACE	245.952	245.779	245.771	245.769	245.739	245.659	245.549	245.65	245.549	245.659	245.739	245.769	245.771	245.779	245.779	245.718	245.718
EXISTING SURFACE	245.952	245.938	245.933	245.933	245.911	245.873	245.867	245.819	245.771	245.765	245.739	245.725	245.721	245.721	245.721	245.718	
OFFSET	-9.337	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.668		

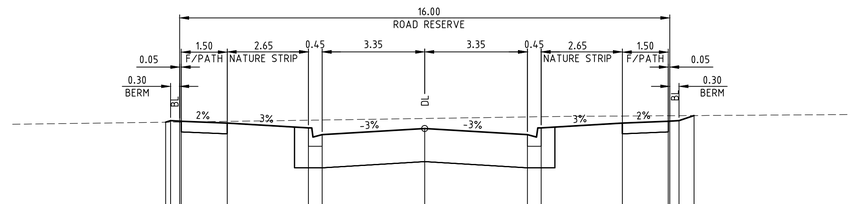
CH 157.711



DATUM RL244.000

DESIGN SURFACE	246.035	245.858	245.849	245.848	245.818	245.738	245.628	245.729	245.628	245.738	245.818	245.848	245.849	245.858	245.858	245.792	245.792
EXISTING SURFACE	246.035	246.02	246.018	246.015	245.994	245.956	245.949	245.902	245.854	245.848	245.817	245.801	245.798	245.798	245.792	245.792	
OFFSET	-9.359	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.688		

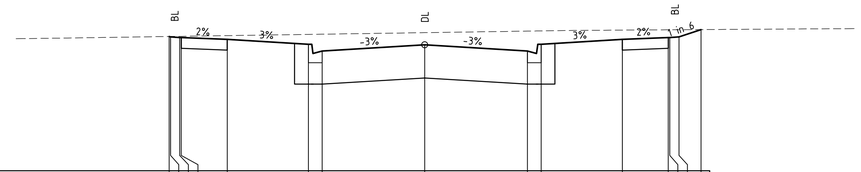
CH 147.211



DATUM RL243.000

DESIGN SURFACE	245.012	245.038	245.029	245.028	244.998	244.918	244.808	244.909	244.808	244.918	244.998	245.028	245.029	245.038	245.12		
EXISTING SURFACE	245.012	245.013	245.013	245.015	245.025	245.044	245.047	245.073	245.098	245.101	245.113	245.117	245.118	245.119	245.12		
OFFSET	-8.458	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.193		

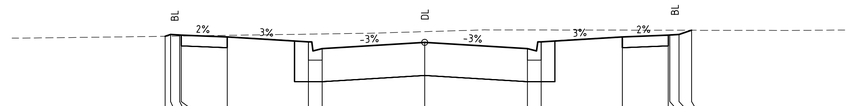
CH 237.582



DATUM RL243.000

DESIGN SURFACE	245.191	245.182	245.174	245.173	245.143	245.064	244.954	245.056	244.954	245.064	245.143	245.173	245.174	245.182	245.303		
EXISTING SURFACE	245.191	245.193	245.193	245.194	245.205	245.225	245.228	245.254	245.279	245.282	245.295	245.3	245.3	245.301	245.303	245.303	
OFFSET	-8.343	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	9.018		

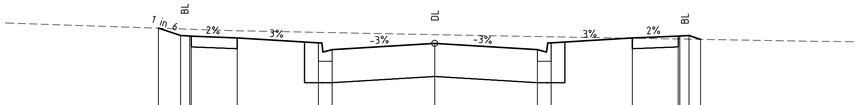
CH 226.582



DATUM RL244.000

DESIGN SURFACE	245.314	245.344	245.335	245.333	245.303	245.224	245.114	245.214	245.114	245.224	245.303	245.333	245.335	245.344	245.333		
EXISTING SURFACE	245.314	245.318	245.318	245.318	245.329	245.349	245.352	245.39	245.417	245.417	245.415	245.413	245.413	245.413	245.413		
OFFSET	-8.476	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	9.113		

CH 213.532



DATUM RL244.000

DESIGN SURFACE	245.621	245.509	245.492	245.49	245.46	245.381	245.271	245.371	245.271	245.381	245.46	245.49	245.492	245.501	245.538		
EXISTING SURFACE	245.621	245.609	245.612	245.613	245.578	245.552	245.548	245.515	245.483	245.48	245.457	245.444	245.444	245.441	245.538		
OFFSET	-9.021	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.618		

CH 194.761

YARRADALE DRIVE

Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\xcad\80\
11722XS01.dwg - 11722XS02
Date/Time: Thu, Jun 05, 2014 - 2:02pm --byron.shade--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161117
Verified SL
Date 03/06/13
AN 1061044
Audited RCM
Date 22/08/13
AN 641543
Approved TL
Date 27/08/13
AN 881888
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD

Hor 1:200 0m 2m 4m 8m 12m
Ver 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:200/1:400

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
CROSS SECTIONS
SHEET 2 OF 3
Drawing No. 11722XS02 Rev 3
Sheet No. 11 AS CONSTRUCTED

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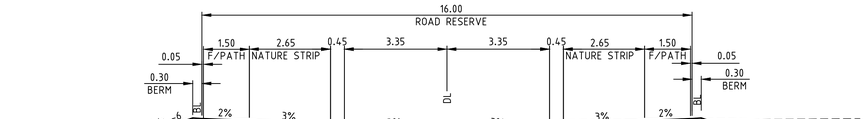
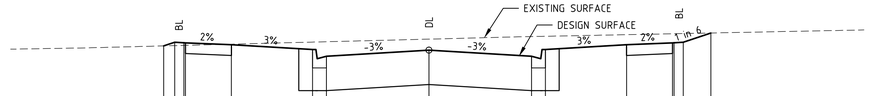


DATUM RL245.000

DESIGN SURFACE	246.827	247.003	246.992	246.992	246.962	246.883	246.773	246.873	246.773	246.883	246.962	246.992	246.992	247.003	246.991	246.991	246.971
EXISTING SURFACE	246.827	246.838	246.843	246.842	246.858	246.887	246.892	246.929	246.946	246.948	246.961	246.969	246.969	246.979	246.993	246.991	246.971
OFFSET	-9.358	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	8.489	8.489	9.489

CH 62.692



DATUM RL245.000

DESIGN SURFACE	246.662	246.662	246.693	246.691	246.661	246.582	246.472	246.572	246.472	246.582	246.661	246.691	246.693	246.702	246.852	246.852	246.852
EXISTING SURFACE	246.662	246.666	246.656	246.651	246.67	246.704	246.71	246.752	246.794	246.799	246.825	246.84	246.83	246.835	246.852	246.852	246.852
OFFSET	-8.660	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	9.203	9.203	9.203

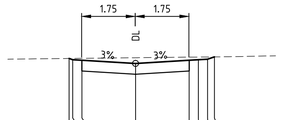
CH 40.154

DATUM RL245.000

DESIGN SURFACE	246.491	246.491	246.541	246.541	246.38	246.3	246.19	246.291	246.19	246.3	246.38	246.41	246.411	246.421	246.71	246.71	246.71
EXISTING SURFACE	246.491	246.497	246.507	246.501	246.519	246.551	246.556	246.597	246.637	246.643	246.672	246.688	246.688	246.692	246.71	246.71	246.71
OFFSET	-8.726	-8.300	-8.000	-7.950	-6.450	-3.800	-3.350	0.000	3.350	3.800	6.450	7.950	8.000	8.300	10.038	10.038	10.038

CH 11.950

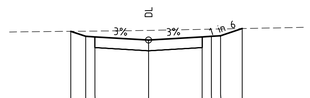
WILLSMERE WAY



DATUM RL245.000

DESIGN SURFACE	246.22	246.22	246.199	246.19	246.138	246.19	246.199	246.209	246.209	246.199	246.19	246.22	246.22	246.22	246.22	246.22	246.22
EXISTING SURFACE	246.22	246.22	246.222	246.222	246.232	246.241	246.243	246.245	246.245	246.243	246.241	246.222	246.222	246.222	246.222	246.222	246.222
OFFSET	-2.171	-2.050	-1.750	-1.750	0.000	1.750	2.050	2.550	2.550	2.050	1.750	-1.750	-2.050	-2.171	-2.171	-2.171	-2.171

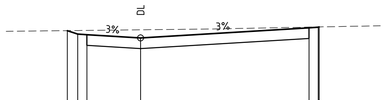
CH 38.000



DATUM RL245.000

DESIGN SURFACE	246.278	246.278	246.286	246.287	246.135	246.187	246.196	246.205	246.323	246.323	246.323	246.323	246.323	246.323	246.323	246.323	246.323
EXISTING SURFACE	246.278	246.278	246.28	246.282	246.293	246.31	246.313	246.316	246.323	246.323	246.323	246.323	246.323	246.323	246.323	246.323	246.323
OFFSET	-2.540	-2.050	-1.750	-1.750	0.000	1.750	2.050	2.550	3.058	3.058	3.058	3.058	3.058	3.058	3.058	3.058	3.058

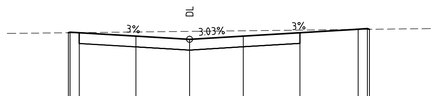
CH 31.250



DATUM RL245.000

DESIGN SURFACE	246.384	246.384	246.386	246.387	246.265	246.43	246.439	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444
EXISTING SURFACE	246.384	246.384	246.386	246.387	246.397	246.441	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444	246.444
OFFSET	-2.390	-2.050	-1.750	-1.750	0.000	5.500	5.800	5.830	5.830	5.830	5.830	5.830	5.830	5.830	5.830	5.830	5.830

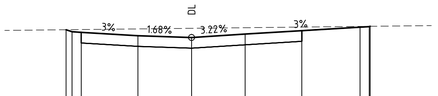
CH 21.330



DATUM RL245.000

DESIGN SURFACE	246.431	246.431	246.441	246.432	246.376	246.324	246.377	246.432	246.489	246.498	246.498	246.498	246.498	246.498	246.498	246.498	246.498
EXISTING SURFACE	246.431	246.432	246.432	246.433	246.444	246.454	246.464	246.474	246.485	246.487	246.487	246.487	246.487	246.487	246.487	246.487	246.487
OFFSET	-3.956	-3.900	-3.600	-3.600	-1.750	0.000	1.755	3.605	5.505	5.805	5.871	5.871	5.871	5.871	5.871	5.871	5.871

CH 16.915

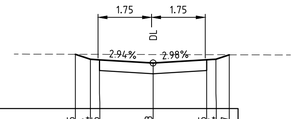


DATUM RL245.000

DESIGN SURFACE	246.516	246.516	246.483	246.474	246.419	246.389	246.446	246.501	246.558	246.567	246.567	246.567	246.567	246.567	246.567	246.567	246.567
EXISTING SURFACE	246.516	246.517	246.519	246.519	246.529	246.539	246.549	246.56	246.571	246.572	246.572	246.572	246.572	246.572	246.572	246.572	246.572
OFFSET	-4.097	-3.900	-3.600	-3.600	-1.750	0.000	1.750	3.600	5.500	5.800	5.831	5.831	5.831	5.831	5.831	5.831	5.831

CH 10.215

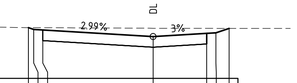
DRIVE 1



DATUM RL245.000

DESIGN SURFACE	245.885	245.885	245.804	245.795	245.743	245.795	245.804	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877
EXISTING SURFACE	245.885	245.884	245.884	245.884	245.881	245.878	245.878	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877	245.877
OFFSET	-2.539	-2.050	-1.750	-1.750	0.000	1.750	2.050	2.486	2.486	2.486	2.486	2.486	2.486	2.486	2.486	2.486	2.486

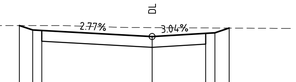
CH 38.242



DATUM RL245.000

DESIGN SURFACE	245.828	245.828	245.769	245.76	245.683	245.735	245.744	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816
EXISTING SURFACE	245.828	245.829	245.829	245.827	245.818	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816	245.816
OFFSET	-4.077	-3.900	-3.600	-3.600	0.000	1.750	2.050	2.480	2.480	2.480	2.480	2.480	2.480	2.480	2.480	2.480	2.480

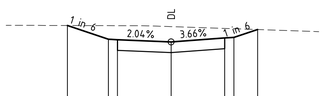
CH 33.864



DATUM RL244.000

DESIGN SURFACE	245.675	245.675	245.602	245.593	245.493	245.547	245.556	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633
EXISTING SURFACE	245.675	245.675	245.675	245.675	245.641	245.636	245.635	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633	245.633
OFFSET	-4.334	-3.900	-3.600	-3.600	0.000	1.750	2.050	2.515	2.515	2.515	2.515	2.515	2.515	2.515	2.515	2.515	2.515

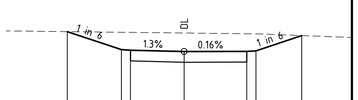
CH 20.172



DATUM RL244.000

DESIGN SURFACE	245.571	245.571	245.368	245.339	245.303	245.367	245.376	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505
EXISTING SURFACE	245.571	245.571	245.568	245.568	245.553	245.523	245.518	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505	245.505
OFFSET	-3.387	-2.050	-1.750	-1.750	0.000	1.750	2.050	2.822	2.822	2.822	2.822	2.822	2.822	2.822	2.822	2.822	2.822

CH 8.778



DATUM RL244.000

DESIGN SURFACE	245.55	245.55	245.257	245.248	245.225	245.228	245.231	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486
EXISTING SURFACE	245.55	245.554	245.538	245.528	245.514	245.516	245.514	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486	245.486
OFFSET	-3.812	-2.050	-1.750	-1.750	0.000	2.047	2.347	3.842	3.842	3.842	3.842	3.842	3.842	3.842	3.842	3.842	3.842

CH 4.608

DRIVE 2

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11722XS01.dwg - 11722XS03
Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161118
Verified SL
Date 03/06/13
AN 1061045
Audited RCM
Date 22/08/13
AN 641544
Approved TL
Date 27/08/13
AN 881889
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:200 0m 2m 4m 8m 12m
Ver 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:200/1:400

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
CROSS SECTIONS
SHEET 3 OF 3
Drawing No. 11722XS03 Rev 3
Sheet No. 12 AS CONSTRUCTED

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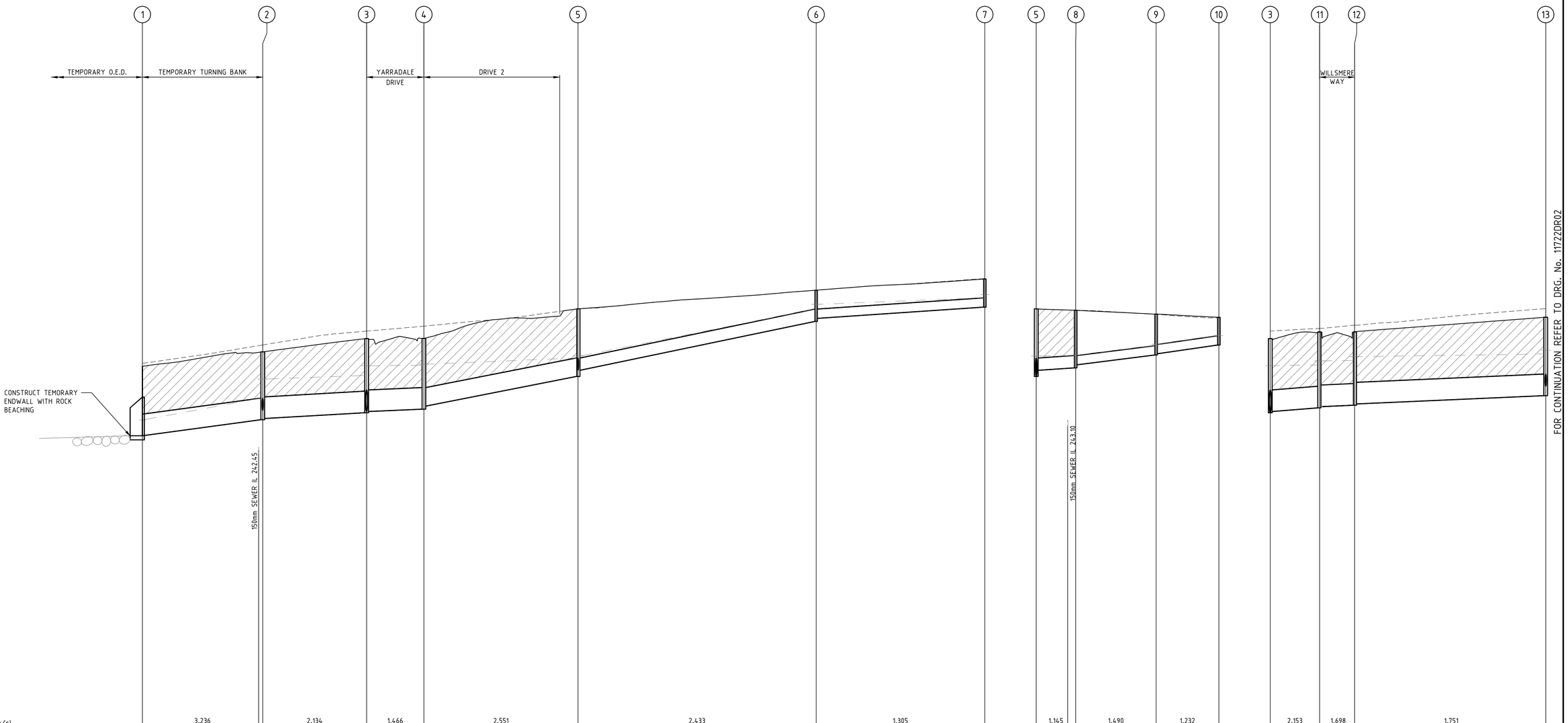
1
2
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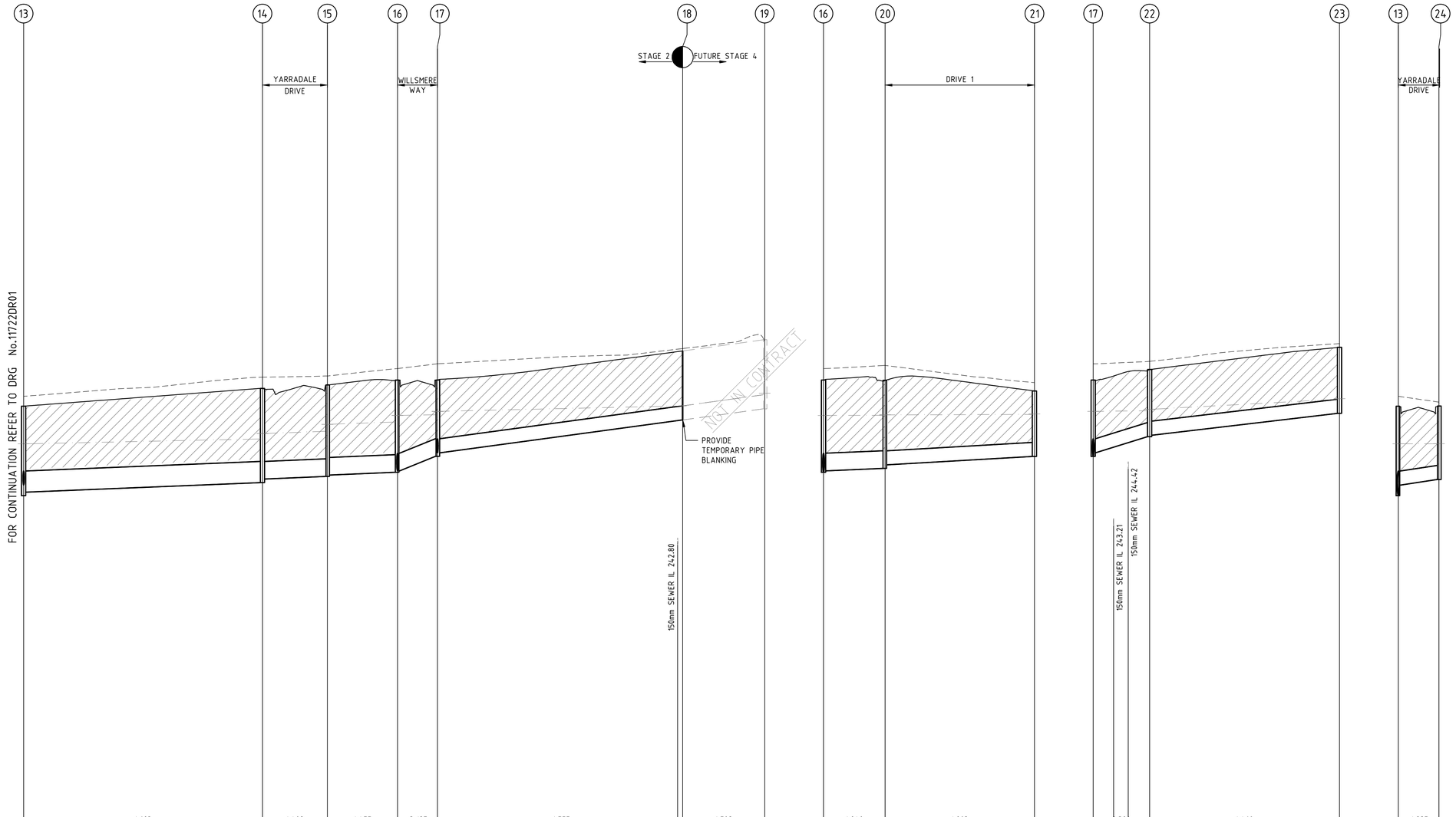
12
13
TEMPORARY O.E.D.
TEMPORARY TURNING BANK
YARRADALE DRIVE
DRIVE 2
WILLSMERE WAY
CONSTRUCT TEMORARY ENDWALL WITH ROCK BEACHING
150mm SEWER IL 242.45
150mm SEWER IL 243.10
FOR CONTINUATION REFER TO DRG. No. 11722DR02

| | | |



FOR CONTINUATION REFER TO DRG No.11722DR01

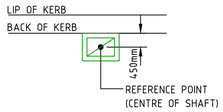
| | | |

ALL PIT LIDS TO BE IN ACCORDANCE WITH HUME CITY COUNCIL STANDARD DETAILS

PIT SCHEDULE

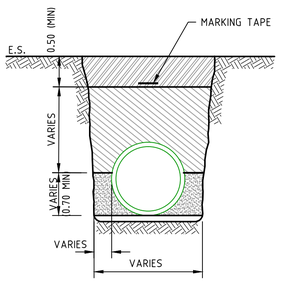
PIT		CO-ORDINATES		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
1	EW	315129.179	5843855.998			525	242.870			244.558	1.688	REFER TO VICROADS STD DRG SD1851
2	GSEP	315100.150	5843859.589	(T)600 (B)900	(T)900 (B)900	525	243.289	525	243.259	244.908	1.649	HAUNCHED GSEP. REFER TO GAA STD DWG FIG.012 AND VICROADS STD DWG SD1021
						300	243.484					
3	GSEP	315075.091	5843862.690	(T)600 (B)900	(T)900 (B)900	525	243.459	525	243.429	245.231	1.802	HAUNCHED GSEP. REFER TO GAA STD DWG FIG.012 AND VICROADS STD DWG SD1021
						525	243.459					
4	GP	315062.254	5843867.933	(T)600 (B)900	(T)900 (B)900	450	243.59	525	243.515	245.235	1.720	GAA JP WITH GRATED LID. REFER TO GAA STD DRG FIG.014 AND VICROADS STD DWG SD1021
5	GP	315025.170	5843872.521	600	900	300	244.459	450	244.309	245.953	1.644	HAUNCHED GAA JP WITH GRATED LID. REFER TO GAA STD DRG FIG.014
						300	244.459					
6	JP	315018.064	5843815.081	600	600	225	245.722	300	245.647	246.405	0.759	REFER TO GAA STD DRG FIG.014
7	JP	315013.030	5843774.392	600	600			225	245.995	246.678	0.684	REFER TO GAA STD DRG FIG.014
8	JP	315025.814	5843882.087	600	900	225	244.594	300	244.519	245.917	1.399	REFER TO GAA STD DRG FIG.014
9	JP	315028.143	5843900.910	600	600	225	244.862	225	244.832	245.825	0.993	REFER TO GAA STD DRG FIG.014
10	JP	315033.968	5843915.001	600	600			225	245.073	245.747	0.674	REFER TO GAA STD DRG FIG.014
11	GSEP	315065.835	5843855.471	(T)600 (B)900	(T)900 (B)900	525	243.578	525	243.548	245.393	1.845	HAUNCHED GSEP. REFER TO GAA STD DWG FIG.012 AND VICROADS STD DWG SD1021
12	GSEP	315057.399	5843856.515	(T)600 (B)900	(T)900 (B)900	525	243.642	525	243.612	245.393	1.781	HAUNCHED GSEP. REFER TO GAA STD DWG FIG.012 AND VICROADS STD DWG SD1021
13	GSEP	315051.695	5843810.415	(T)600 (B)900	(T)900 (B)900	450	243.92	525	243.845	245.748	1.904	HAUNCHED GSEP. REFER TO GAA STD DWG FIG.012 AND VICROADS STD DWG SD1021
						300	244.070					
14	GSEP	315045.458	5843760.001	600	900	375	244.198	450	244.123	246.126	2.004	REFER TO GAA STD DRG FIG.012
15	GSEP	315045.635	5843746.239	600	900	375	244.283	375	244.253	246.200	1.948	REFER TO GAA STD DRG FIG.012
16	GSEP	315034.934	5843736.016	600	900	375	244.373	375	244.343	246.304	1.962	REFER TO GAA STD DRG FIG.012
						375	244.373					
17	GSEP	315026.497	5843737.055	600	900	300	244.755	375	244.680	246.304	1.625	REFER TO GAA STD DRG FIG.012
						300	244.755					
18	EP	315020.095	5843685.308			300	245.455	300	245.455	246.923	1.468	PROVIDE TEMPORARY PIPE BLANKING
19	GSEP	315017.803	5843668.000	600	900			300	245.690	247.164	1.474	FUTURE PIT
20	GSEP	315033.325	5843723.011	600	900	300	244.500	375	244.425	246.299	1.874	REFER TO GAA STD DRG FIG.012
21	GP	315064.834	5843719.113	600	900			300	244.678	246.072	1.394	GAA JP WITH GRATED LID. REFER TO GAA STD DRG FIG.014
22	GSEP	315019.279	5843746.312	600	900	300	245.129	300	245.099	246.528	1.428	REFER TO GAA STD DRG FIG.012
23	GSEP	314979.200	5843751.270	600	900			300	245.595	247.000	1.404	REFER TO GAA STD DRG FIG.012
24	GSEP	315060.280	5843809.353	600	900			300	244.187	245.753	1.566	REFER TO GAA STD DRG FIG.012
25	JP	315094.348	5843812.697	600	900	300	243.990	300	243.960	245.367	1.406	REFER TO GAA STD DRG FIG.014
26	JP	315082.929	5843720.401	600	900	300	244.988	300	244.958	246.002	1.044	REFER TO GAA STD DRG FIG.014
27	EP	315086.006	5843720.020					300	245.000	245.962	0.962	
28	EW	315100.702	5843899.070			225	244.093			244.877	0.784	
29	JP	315044.120	5843906.070	600	600			225	244.840	245.600	0.761	REFER TO GAA STD DRG FIG.014

NOTE:
1. EASTING, NORTHING SETOUT TO PIT CENTRE
2. SETOUT LEVEL TO PIT COVER LEVEL



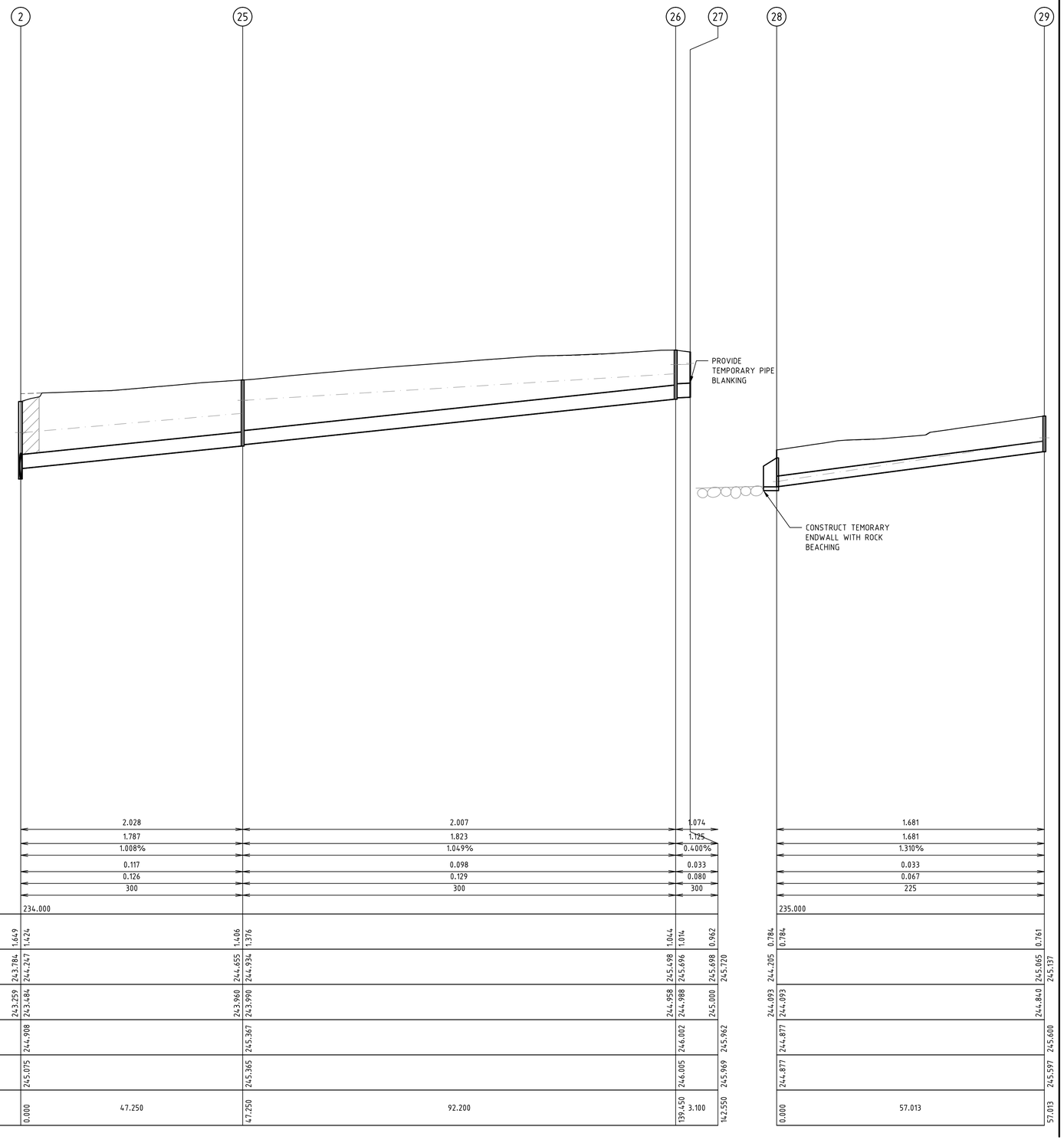
PIT SETOUT POINT

SCALE 1:100



TYPICAL PIPE TRENCH DETAIL

SCALE 1:50



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Date/Time: Thu Jun 05, 2014 - 2:02pm --byron.shode--

REV	AMENDMENTS	DATE	APP'D.
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0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161121
Verified SL
Date 03/06/13
AN 1061048
Audited RCM
Date 22/08/13
AN 641547
Approved TL
Date 27/08/13
AN 881892
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

LEGEND

DENOTES CRUSHED ROCK BACKFILL

merrifield

MAB GPC

Coords: MGA
Levels: AHD

Hor 1:500 0m 5m 10m 20m 30m
Ver 1:50 0m 0.5m 1m 2m 3m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
DRAINAGE LONGITUDINAL SECTIONS
SHEET 3 OF 3

Drawing No. 11722DR03 Rev 4

Sheet No. 15 AS CONSTRUCTED

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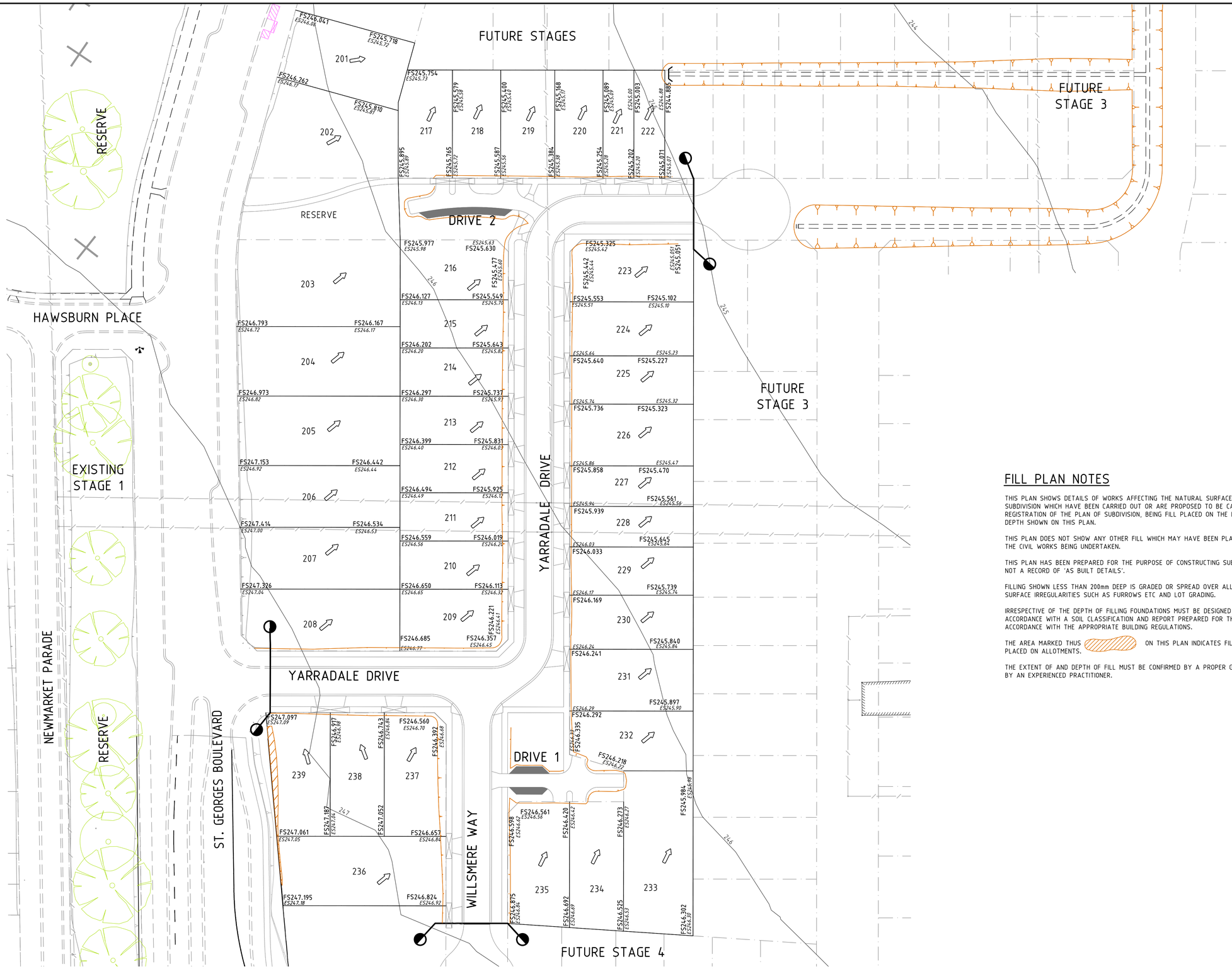

FILL PLAN NOTES

THIS PLAN SHOWS DETAILS OF WORKS AFFECTING THE NATURAL SURFACE OF THE LAND WITHIN THE SUBDIVISION WHICH HAVE BEEN CARRIED OUT OR ARE PROPOSED TO BE CARRIED OUT PRIOR TO REGISTRATION OF THE PLAN OF SUBDIVISION, BEING FILL PLACED ON THE LAND TO THE EXTENT AND DEPTH SHOWN ON THIS PLAN.

THIS PLAN DOES NOT SHOW ANY OTHER FILL WHICH MAY HAVE BEEN PLACED ON THE LAND PRIOR TO THE CIVIL WORKS BEING UNDERTAKEN.

THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF CONSTRUCTING SUBDIVISIONAL WORKS AND IS NOT A RECORD OF 'AS BUILT DETAILS'.

FILLING SHOWN LESS THAN 200mm DEEP IS GRADED OR SPREAD OVER ALLOTMENTS TO CORRECT MINOR SURFACE IRREGULARITIES SUCH AS FURROWS ETC AND LOT GRADING.

IRRESPECTIVE OF THE DEPTH OF FILLING FOUNDATIONS MUST BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH A SOIL CLASSIFICATION AND REPORT PREPARED FOR THE PURPOSE AND IN ACCORDANCE WITH THE APPROPRIATE BUILDING REGULATIONS.

THE AREA MARKED THUS ON THIS PLAN INDICATES FILL DEEPER THAN 200mm PLACED ON ALLOTMENTS.

THE EXTENT OF AND DEPTH OF FILL MUST BE CONFIRMED BY A PROPER GEOTECHNICAL INVESTIGATION BY AN EXPERIENCED PRACTITIONER.

Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\FP01\
11722FP01.dwg - 11722FP01
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REV	AMENDMENTS	DATE	APP'D.
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A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161122
Verified SL
Date 03/06/13
AN 1061049
Audited RCM
Date 22/08/13
AN 641548
Approved TL
Date 27/08/13
AN 881893
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

LEGEND

- LIMIT OF WORKS
- ES EXISTING SURFACE LEVEL
- FS FINISHED SURFACE LEVEL
- REGRADE LOT AT MIN. 1 IN 150

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
FILL PLAN

Drawing No. 11722FP01 Rev 3
Sheet No. 16 AS CONSTRUCTED

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E info@dceprofile.com
W www.dceprofile.com

Signed by Council: Hume City Council, Council Ref: S006883, Original Certification: 06/12/2013

PLAN OF SUBDIVISION

LV use only: EDITION

Plan Number: PS 714640G

Location of Land

Parish: MICKLEHAM
Township: –
Section: –
Crown Allotment: –
Crown Portion: 24 (PART)
Title Reference: VOL FOL
Last Plan Reference: LOT A PS711404L
Postal Address: DONNYBROOK ROAD
(at time of subdivision) MICKLEHAM 3064
MGA 94 Co-ordinates E 314920
(of approx. centre of land in plan) N 5844060 Zone: 55

Council Name: HUME CITY COUNCIL
Council Ref:

Vesting of Roads and/or Reserves

Identifier	Council/Body/Person
ROAD R1	HUME CITY COUNCIL
RESERVE No.1	HUME CITY COUNCIL
RESERVE No.2	HUME CITY COUNCIL

LAND SUBDIVIDED (EXCLUDING LOT B) - 2.528ha
LOTS 1 TO 200 (BOTH INCLUSIVE) AND LOT A
HAVE BEEN OMITTED FROM THIS PLAN

Notations

Staging This ~~is~~/is not a staged subdivision
Planning Permit No. P16701

Survey This plan is/~~is not~~ based on survey
This survey has been connected to permanent marks no(s) 21, 70
In Proclaimed Survey Area No. 74

Depth Limitation DOES NOT APPLY

EASEMENT E-3 HAS BEEN OMITTED FROM THIS PLAN

TANGENT POINTS ARE SHOWN THUS:

Easement Information

Legend: E – Encumbering Easement, Condition in Crown Grant in the Nature of an Easement or Other Encumbrance; A – Appurtenant Easement; R – Encumbering Easement (Road)

Subject Land	Purpose	Width (metres)	Origin	Land Benefited/In Favour Of
E-1	DRAINAGE	SEE DIAG.	PS711404L	HUME CITY COUNCIL
E-1	SEWERAGE	SEE DIAG.	PS711404L	YARRA VALLEY WATER CORPORATION
E-2	DRAINAGE	SEE DIAG.	THIS PLAN	HUME CITY COUNCIL
E-2	SEWERAGE	SEE DIAG.	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-4	DRAINAGE	SEE DIAG.	PS711404L	HUME CITY COUNCIL
E-5	POWERLINE	SEE DIAG.	PS711404L - SECT. 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-5	DRAINAGE	SEE DIAG.	PS711404L	HUME CITY COUNCIL
E-6	POWERLINE	SEE DIAG.	PS711404L - SECT. 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-6	DRAINAGE	SEE DIAG.	PS711404L	HUME CITY COUNCIL
E-6	SEWERAGE	SEE DIAG.	PS711404L	YARRA VALLEY WATER CORPORATION
E-7	POWERLINE	SEE DIAG.	THIS PLAN - SECT. 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-7	TRANSMISSION OF TELECOMMUNICATION SIGNALS BY 'UNDERGROUND CABLE'	SEE DIAG.	THIS PLAN	LOTS IN THIS PLAN
E-8	POWERLINE	SEE DIAG.	THIS PLAN - SECT. 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-8	DRAINAGE	SEE DIAG.	THIS PLAN	HUME CITY COUNCIL
E-8	TRANSMISSION OF TELECOMMUNICATION SIGNALS BY 'UNDERGROUND CABLE'	SEE DIAG.	THIS PLAN	LOTS IN THIS PLAN
E-9	SUPPLY OF GAS	SEE DIAG.	THIS PLAN	"VIC GAS DISTRIBUTION PTY LTD"
E-9	SUPPLY OF WATER BY PIPELINE	SEE DIAG.	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-9	SEWERAGE	SEE DIAG.	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-10	DRAINAGE	SEE DIAG.	THIS PLAN	HUME CITY COUNCIL
E-11	POWERLINE	SEE DIAG.	PS711404L - SECT. 88 ELECTRICITY INDUSTRY ACT 2000	JEMENA ELECTRICITY NETWORKS (VIC) LTD
E-12	SUPPLY OF GAS	SEE DIAG.	THIS PLAN	"VIC GAS DISTRIBUTION PTY LTD"
E-12	SUPPLY OF WATER BY PIPELINE	SEE DIAG.	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-12	SEWERAGE	SEE DIAG.	THIS PLAN	YARRA VALLEY WATER CORPORATION
E-12	DRAINAGE	SEE DIAG.	THIS PLAN	HUME CITY COUNCIL

MERRIFIELD – 2
39 LOTS AND BALANCE LOT B

Bosco Jonson Pty Ltd
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16 Eastern Road South Melbourne
Vic 3205 Australia
Tel 03) 9699 1400 Fax 03) 9699 5992

LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER
SIGNATURE DIGITALLY SIGNED DATE / /
REF 29005023 05/12/13 VERSION J
DWG 2900502AJ

Sheet 1 of 7 sheets
Original sheet size A3

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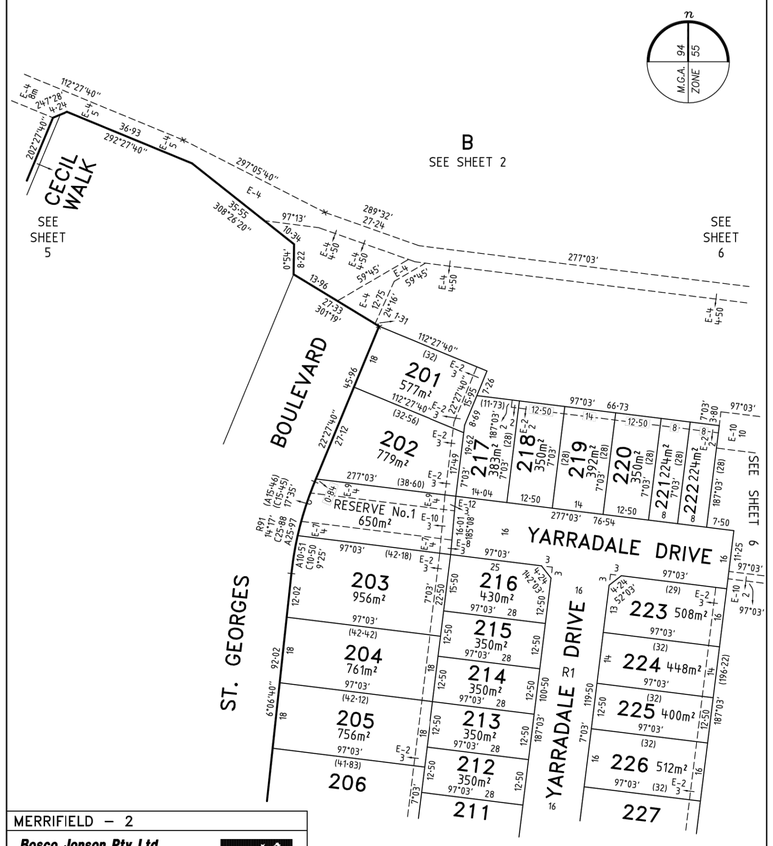
Signed by Council: Hume City Council, Council Ref: S006883, Original Certification: 06/12/2013

PLAN OF SUBDIVISION PS 714640G



MERRIFIELD – 2

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P.O. Box 5075, South Melbourne, Vic 3205
16 Eastern Road South Melbourne
Vic 3205 Australia
Tel 03) 9699 1400 Fax 03) 9699 5992

ORIGINAL
SCALE 1:750 SHEET SIZE A3
SCALE 7·5 0 15 30 LENGTHS ARE IN METRES

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SIGNATURE DIGITALLY SIGNED DATE / /
REF 29005023 05/12/13 VERSION J
DWG 2900502AJ

Sheet 3

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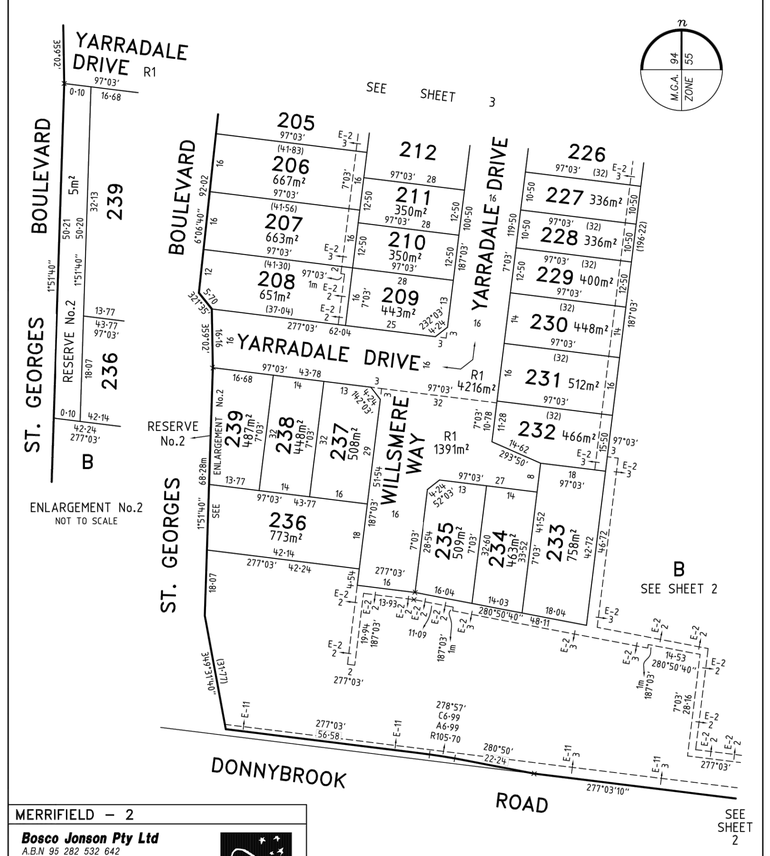
Signed by Council: Hume City Council, Council Ref: S006883, Original Certification: 06/12/2013

PLAN OF SUBDIVISION PS 714640G



MERRIFIELD – 2

Bosco Jonson Pty Ltd
A.B.N 95 282 532 642
P.O. Box 5075, South Melbourne, Vic 3205
16 Eastern Road South Melbourne
Vic 3205 Australia
Tel 03) 9699 1400 Fax 03) 9699 5992

ORIGINAL
SCALE 1:750 SHEET SIZE A3
SCALE 7·5 0 15 30 LENGTHS ARE IN METRES

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DWG 2900502AJ

Sheet 4

Signed by: Geoffrey James Turner (Bosco Jonson Pty Ltd) Surveyor's Plan Version (J) SPEAR Ref: S036206T 05/12/2013

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REV	AMENDMENTS	DATE	APP'D.
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Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161123
Verified SL
Date 03/06/13
AN 1061050
Audited RCM
Date 22/08/13
AN 641549
Approved TL
Date 27/08/13
AN 881894
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

merrifield
MAB GPC

Coords: MGA
Levels: AHD

Scale @ A1/A3

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
PLAN OF SUBDIVISION

Drawing No. 11722POS01 Rev 3
Sheet No. 17 AS CONSTRUCTED

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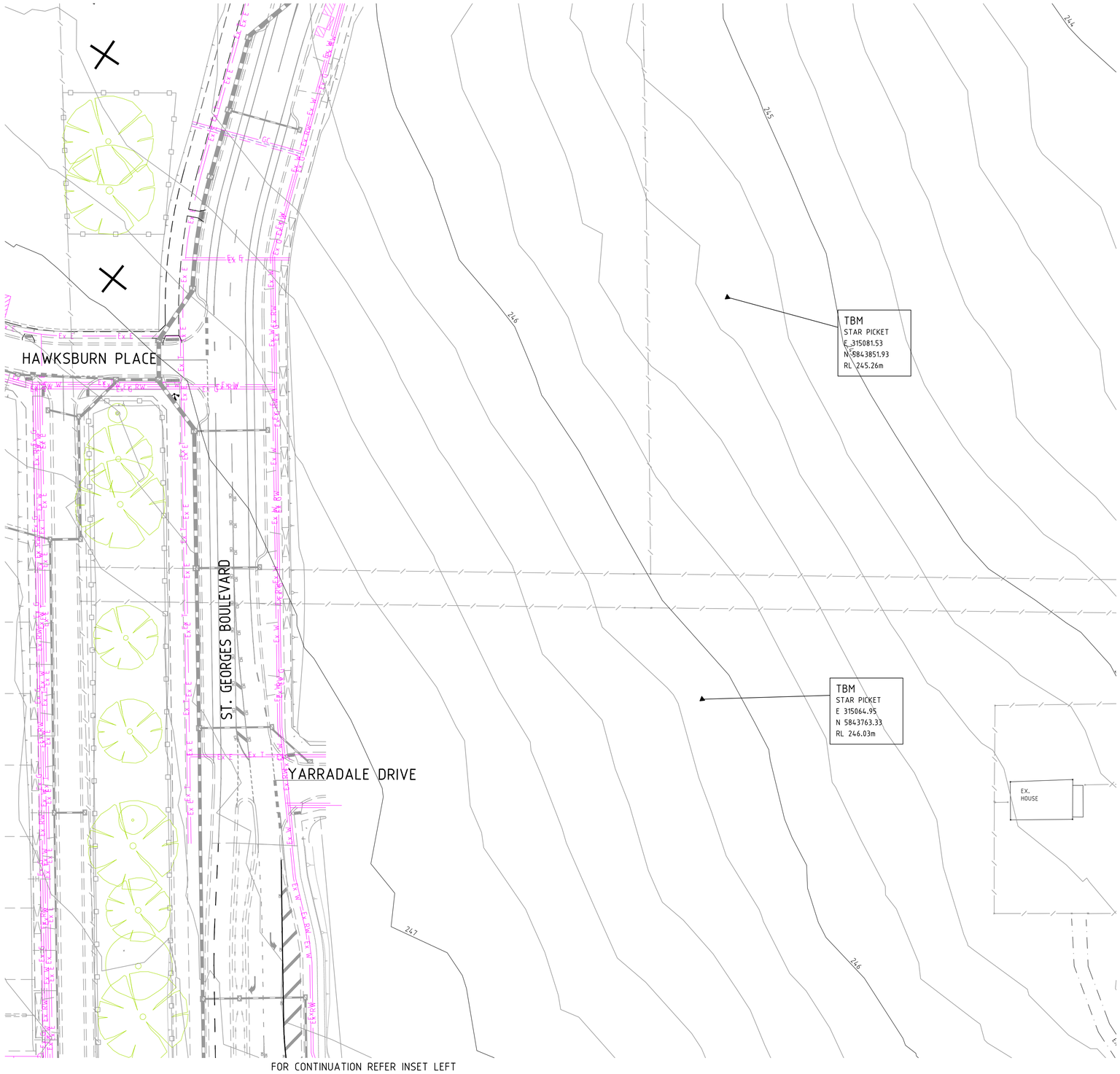
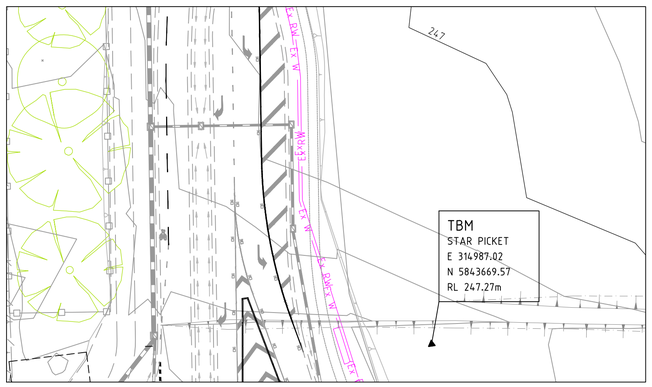


FOR CONTINUATION REFER INSET LEFT



INSET

REV	AMENDMENTS	DATE	APP'D.
3	AS CONSTRUCTED	05/06/14	TL
2	PLAN OF SUBDIVISION AMENDMENT	04/12/13	TL
1	ISSUED TO COUNCIL FOR FINAL APPROVAL	03/10/13	TL
0	CONSTRUCTION ISSUE	27/08/13	TL
B	ISSUED FOR TENDER	16/07/13	TL
A	ISSUED TO COUNCIL	27/06/13	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161124
Verified SL
Date 03/06/13
AN 1061051
Audited RCM
Date 22/08/13
AN 641550
Approved TL
Date 27/08/13
AN 881895
Written dimensions to take precedence over scale.
Contractor shall check and verify all dimensions on site.
Discrepancies to be brought to the attention of the Superintendent.

LEGEND

- EXISTING STAGES
- Ex W — EXISTING DRINKING WATER MAIN
- Ex RW — EXISTING NON DRINKING WATER MAIN
- Ex G — EXISTING GAS MAIN
- Ex E — EXISTING ELECTRICAL CABLE
- Ex S — EXISTING SEWER MAIN & MANHOLE
- Ex T — EXISTING TELECOMM. CABLE AND PIT
- EXISTING TREES TO BE REMOVED
- PREVIOUS STAGE SW DRAIN & PIT
- EXISTING TREE PROTECTION ZONE
- 246 EXISTING SURFACE CONTOUR (0.2m INTERVAL)

merrifield
MAB GPC

Coords: MGA
Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 2
EXISTING FEATURES PLAN

Drawing No. 11722EF01 Rev 3
Sheet No. 18 AS CONSTRUCTED

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Drawing File: G:\Designdata\11700\11722-MERRIFIELD - Precinct 1 - Stage 2\Acad\R01\11722EF01.dwg - 11722EF01
Date/Time: Thu Jun 05, 2014 - 2:03pm --byron.shodge--