

MERRIFIELD DEVELOPMENT

STAGE 4

DONNYBROOK ROAD, KALKALLO

HUME CITY COUNCIL

FOR

merrifield



CIVIL DRAWINGS

ROAD AND DRAINAGE

AS CONSTRUCTED



SET NUMBER:



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HUME CITY COUNCIL GENERAL NOTES:

1. 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 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 TEST 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, THE NEW TEST RESULTS SHALL BE PROVIDED.
4. PRIOR TO ALL 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 ENVIRONMENTAL PROTECTION AUTHORITY PUBLICATION "CONSTRUCTION TECHNIQUES FOR SEDIMENT POLLUTION CONTROL." APPROPRIATE SILTATION CONTROL IS TO BE MAINTAINED THROUGHOUT THE CONSTRUCTION AND MAINTENANCE PERIOD FOR 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 AS PER THE HOLD POINTS IN THE HUME CITY COUNCIL SPECIFICATIONS 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. ALL COORDINATES ARE TO MAP GRID OF AUSTRALIA (MGA).
11. 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.
12. FILL AREAS ARE TO BE STRIPPED OF TOPSOIL, FILLED, AND TOPSOIL REPLACED TO OBTAIN THE FINAL FILL LEVELS 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 AS1289.5.1.1-2003.
13. FILLING TO COMPLY WITH AS3798-1996 APPENDIX B LEVEL 1 (OR 2) AS SPECIFIED.
14. 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.
15. WHERE, AS A CONDITION OF THE PLANNING PERMIT OR AS A RESULT OF THE PRE-CONSTRUCTION MEETING, FENCING OF AREAS CONTAINING TREES, NATIVE GRASSES AND SHRUBS IS REQUIRED, A THREE STRAND STAR PICKET AND WIRE FENCE SHALL BE CONSTRUCTED.
16. NO TREES OR NATIVE VEGETATION IS TO BE DISTURBED OR REMOVED WITHOUT PRIOR APPROVAL FROM COUNCIL SUSTAINABLE ENVIRONMENT DEPARTMENT. ANY TREES REMOVED, VEGETATION OR OTHER MATERIALS ARE NOT TO BE BURNT ON SITE.
17. 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.
18. THE CONTRACTOR IS TO OBTAIN A BUILDING PERMIT FOR ANY STRUCTURE/FENCES AND FOR ANY RETAINING WALLS OVER 1.0M IN HEIGHT.
19. 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.
20. ALL DISTURBED AREAS, ie. NATURE STRIPS, BATTERS, ALLOTMENTS AND 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.
21. FOOTPATHS TO BE OFFSET 50mm FROM THE TITLE BOUNDARIES UNLESS NOTED OTHERWISE. VEHICLE CROSSING ALIGNMENTS ARE GENERALLY TO BE PARALLEL TO THE SIDE BOUNDARY.
22. ALL NEW CONCRETE WORKS SHALL BE JOINED INTO ABUTTING EXISTING CONCRETE WITH 450MM LONG Y20 DOWEL BARS @ 600 CENTERS, UNLESS OTHERWISE SPECIFIED.
23. ANY EXPOSED AGGREGATE CONCRETE WORKS TO BE ACHIEVED BY SAND-BLASTING ONLY. WASHING AGGREGATE OFF WITH WATER IS NOT PERMITTED.
24. 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 AS1289.5.2.1-2003.
25. ALL STORMWATER DRAINS ARE TO BE CLASS '2' RC OR RIGID FRC PIPES WITH ADCOL FLEXIBLE COLLAR UNLESS OTHERWISE SHOWN. ALL RC PIPES UP TO AND INCLUDING 600mm IN DIAMETER SHALL BE RUBBER RING JOINTED (RRJ). INTERLOCKING/FLUSH JOINTS WITH EXTERNAL BANDS CAN ONLY BE USED ON PIPE SIZES OVER 600mm DIA.
26. WHERE NEW ASPHALT, CONCRETE K & C, PATHS AND DRIVEWAYS MATCH INTO EXISTING, THE EXISTING SURFACE IS TO BE SAW CUT AND MATCHED NEATLY.
27. ALL REDUNDANT ASSETS ARE TO BE REMOVED AND DISPOSED OFF SITE.
28. ALL TREES AND SHRUBS ARE TO BE RETAINED UNLESS OTHERWISE SHOWN OR DIRECTED BY THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
29. 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.
30. 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 STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.2.1-2003. ALL DRAINS, SEWER, GAS & WATER MAINS LAID THROUGH THE ROAD PAVEMENT (EXCEPT CONDUITS) ARE TO BE BACKFILLED WITH 20mm CLASS 2 F.C.R COMPACTED TO 98% OF THE MAXIMUM DRY DENSITY VALUE DETERMINED BY THE STANDARD COMPACTION TEST IN ACCORDANCE WITH AS 1289.5.2.1-2003.
31. 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 AS1289.5.1.1-2003.
32. 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.
33. 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.
34. AGRICULTURAL DRAINS ARE TO BE PLACED BEHIND ALL KERB AND CHANNEL, KERB ONLY AND EDGE STRIPS IN ACCORDANCE WITH GAA FIGURE020.
35. ALL TABLE DRAINS AND VERGES ARE TO BE REINSTATED UPON COMPLETION OF WORKS TO THE SATISFACTION OF THE CONTRACTOR MUST ARRANGE THE REQUISITE INSPECTIONS OF THE WORKS TO THE SATISFACTION OF THE CHIEF EXECUTIVE OFFICER AND/OR THEIR REPRESENTATIVE.
36. ALL TRAFFIC CONTROL MEASURES, SIGNS AND LINEMARKING SHALL BE IN ACCORDANCE WITH AS1742 - 1, 2 & 3. STREET NAME SIGNS ARE TO BE IN ACCORDANCE WITH STANDARD DRAWING SD408.
37. ALL LINEMARKING PAINT SHALL BE LONG LIFE IN ACCORDANCE WITH SECTION 95C OF THE HUME CITY COUNCIL SPECIFICATIONS. LATERAL WORKS AND ARROWS BEING COLD APPLIED PLASTIC TROWELLED INTO PLACE (MATERIAL DEGADUR PASTELINE) AND LONGITUDINAL LINES BEING EXTRUDED THERMOPLASTIC MATERIAL.

38. ALL SIGNS TO BE CLASS 1 HIGH INTENSITY TYPE AND COMPLY WITH THE REQUIREMENTS OF AS1743-2001.
39. 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 SHALL BE BACKFILLED WITH 10mm MINUS F.C.R TO 150mm ABOVE TOP OF PIPE IN ALL LOCATIONS.
40. 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.
41. BLASTING GENERALLY IS NOT ENCOURAGED, HOWEVER BLASTING MAY BE REQUIRED AS A LAST RESORT DEPENDING ON GROUND CONDITIONS. COUNCIL IS TO BE NOTIFIED IN WRITING IF ANY BLASTING IS NECESSARY. RESIDENTS LIKELY TO BE AFFECTED BY THE BLASTING AND ALL SERVICE AUTHORITIES SHALL BE NOTIFIED IN WRITING PRIOR TO WORKS COMMENCING. COPIES OF THESE NOTIFICATIONS ARE TO BE SUBMITTED TO COUNCIL. RESIDENT NOTIFICATION LETTER IS TO INCLUDE BLASTING GUIDELINES, FIRING AND MISFIRE PROCEDURES AND CONTRACTORS AND CONSULTANT CONTACT NAMES AND NUMBERS. ALL BLASTING IS TO BE WITHIN THE LIMITS FOR AIR AND GROUND VIBRATION LEVELS AS SET DOWN IN AS1287.2-1993. ALL BLASTS SHALL BE MONITORED FOR AIR AND NOISE VIBRATION AT POTENTIALLY AFFECTED RESIDENCES. "FORM A" FROM AS1287.2-1993, 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.

DRAWING INDEX		
SHEET NO.	DRAWING NO.	DESCRIPTION
01	11724TD01	LOCALITY PLAN, INDEX AND DETAILS
02	11724SP01	STAGING PLAN
03	11724DP01	DETAIL PLAN
04	11724SDP01	SETOUT DETAILS
05	11724ID01	INTERSECTION DETAILS
06	11724LS01	LONGITUDINAL SECTIONS
07-10	11724XS01-03	CROSS SECTIONS - SHEETS 1 TO 4
11-12	11724DR01-02	DRAINAGE LONGITUDINAL SECTIONS - SHEETS 1 TO 2
13	11724FP01	FILL PLAN
14	11724POS01	PLAN OF SUBDIVISION
15	11724EF01	EXISTING FEATURES PLAN

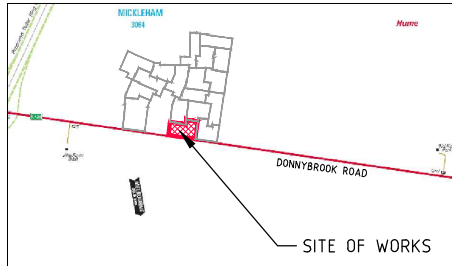
PAVEMENT DETAILS

ACCESS STREETS ALL ROADS	
ASPHALT	WEARING COURSE 30mm SIZE 10mm TYPE N ASPHALT
	BASE COURSE 30mm SIZE 10mm TYPE N ASPHALT BITUMINOUS PRIME PRIME OR SIZE 5 OR SIZE 7 BITUMEN EMULSION PRIMERSEAL (NOT EXCEEDING 60% BITUMEN CONTENT) AT >0.9 L/m ²
LAYER A	BASE COURSE 130mm SIZE 20mm CLASS 2 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%

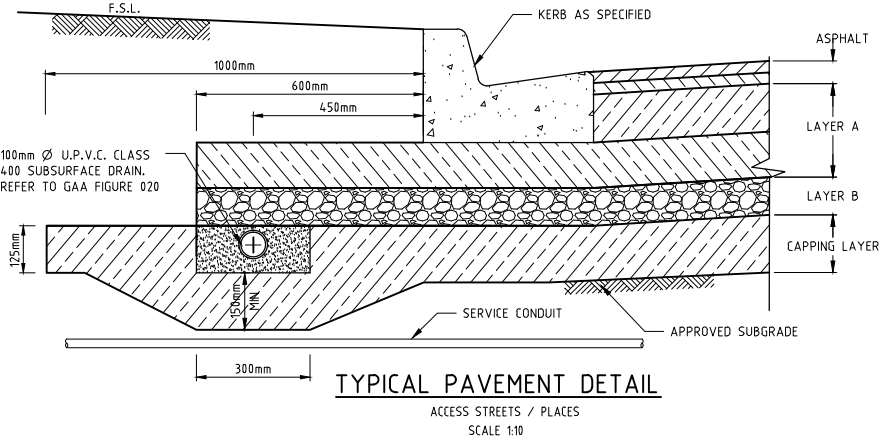
REFER TO GOLDER ASSOCIATE'S GEOTECHNICAL REPORT
NUMBER 127612078-001-R-Rev0 DATED 18/01/2013

GENERAL NOTES:

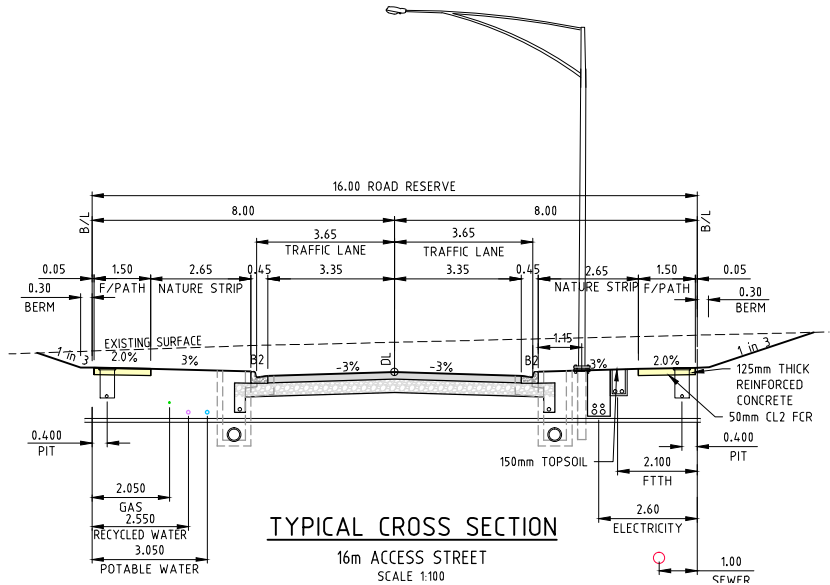
- G1. ALL BLOCKS ARE TO SURFACE GRADE WITH A MINIMUM FALL OF 1 IN 150 ALONG THE LOW SIDE BOUNDARY TO THE POINT OF DISCHARGE.
- G2. ALL BATTERS SHALL BE 1 IN 6, UNLESS OTHERWISE SHOWN.
- G3. ALL CHAINAGES REFER TO ROAD RESERVE DESIGN LINES EXCEPT:
- IN COURT HEADS WHERE CHAINAGES REFER TO LIP OF KERB
- KERB RETURNS WHERE CHAINAGES REFER TO LIP OF KERB.
- G4. 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.
- G5. LIP OF ALL KERB RADII ARE 8.60m UNLESS OTHERWISE SHOWN.
- G6. 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.
- G7. 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.
- G8. 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.
- G9. THE CONTRACTOR IS REQUIRED TO CONFINE CONSTRUCTION VEHICLES TO THE ROAD RESERVE AND EASEMENTS. ANY DAMAGE CAUSED TO ALLOTMENTS MUST BE MADE GOOD.
- G10. ANY BUILDINGS, TROUGHS, FENCES AND OTHER STRUCTURES ON SITE ARE TO BE REMOVED AS DIRECTED BY THE SUPERINTENDENT. THE COST OF REMOVAL IS TO BE INCLUDED IN THE OVERALL EARTHWORKS FIGURE UNLESS A SPECIFIC ITEM FOR REMOVAL IS DENOTED IN THE SCHEDULE.
- G11. 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.
- G12. PROVIDE LAYBACKS IN KERB TO ALL PRAM CROSSINGS IN ACCORDANCE WITH COUNCIL STANDARDS.
- G13. ASPHALT FILLETS/RAMPS ARE TO BE PROVIDED ON THE BASE COURSE ASPHALT TO REMOVE TRIPS AT ALL PEDESTRIAN CROSSING LOCATIONS.
- G14. ALL TEMPORARY WARNING SIGNS USED DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH AS 1742-3.
- G15. ALL EASEMENTS ARE 2.0m OR 3.0m WIDE DRAINAGE AND SEWERAGE EASEMENTS UNLESS OTHERWISE SHOWN.
- G16. CENTRELINES OF ALL SEWERS ARE OFFSET 1.2m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- G17. CENTRELINES OF ALL EASEMENT DRAINS ARE OFFSET 1.0m OR 2.2m FROM THE PROPERTY LINE UNLESS OTHERWISE SHOWN.
- G18. WHERE CURVED PIPES ARE SHOWN ON THE DETAIL 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.
- G19. ALL SIDE ENTRY PITS EXCEPT THOSE AT LOW POINTS ARE TO HAVE FLUTES AS SPECIFIED IN THE COUNCIL STANDARD DRAWINGS.
- G20. 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.
- G21. 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.
- G22. 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.
- G23. 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
- G24. ELECTRICITY CONDUITS ARE TO BE LAID WITH THE FOLLOWING MINIMUM COVER TO FINISHED SURFACE LEVELS :
UNDER ROADS - 0.90m
ELSEWHERE - 0.60m
- G25. TACTILE GROUND SURFACE INDICATORS (TGSI'S) TO BE INSTALLED. TGSI'S ARE TO COMPLY WITH AS1428.4.



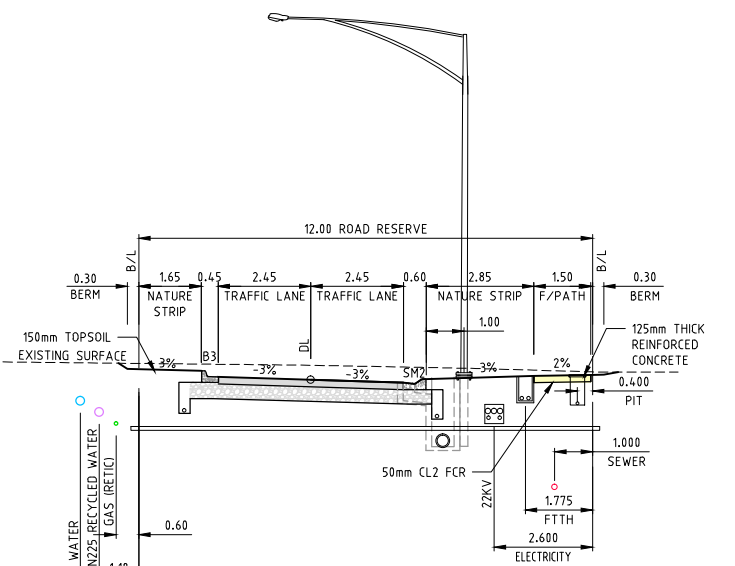
LOCALITY PLAN
MELWAY REF MAP: 366 D3,E4
NTS



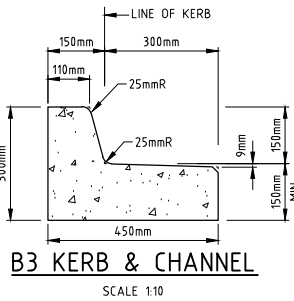
TYPICAL PAVEMENT DETAIL
ACCESS STREETS / PLACES
SCALE 1:10



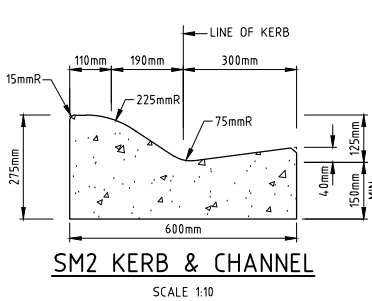
TYPICAL CROSS SECTION
16m ACCESS STREET
SCALE 1:100



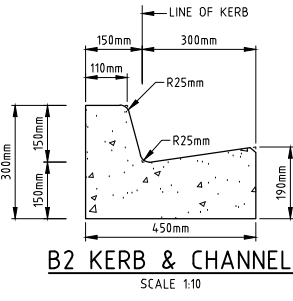
TYPICAL CROSS SECTION
12m LOCAL STREET
SCALE 1:100



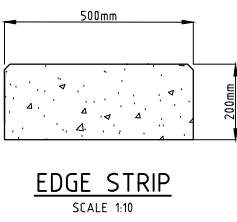
B3 KERB & CHANNEL
SCALE 1:10



SM2 KERB & CHANNEL
SCALE 1:10



B2 KERB & CHANNEL
SCALE 1:10



EDGE STRIP
SCALE 1:10

REV	AMENDMENTS	DATE	APPD.
1	AS CONSTRUCTED	01/12/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG Date 10/10/12
AN 11625
Verified SL Date 03/04/13
AN 1061163
Audited RCM Date 31/07/14
AN 642128
Approved TL Date 13/08/14
AN 883002
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.

DISCLAIMER:
"THE CONTENTS OF ALL CONSTRUCTION ISSUE PLANS SHALL TAKE PRECEDENCE OVER ALL DIGITAL FILES ISSUED BY DCE TO THE CONTRACTOR AND IN PARTICULAR 3D ALIGNMENT STRINGS EXPORTED DIRECTLY FROM 3D CIVIL SOFTWARE.
SHOULD ANY DISCREPANCIES BETWEEN CONSTRUCTION ISSUE PLANS AND DIGITAL FILES BE FOUND THE CONTRACTOR SHALL NOTIFY THE SUPERINTENDENT IMMEDIATELY".

AS CONSTRUCTED



merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
LOCALITY PLAN, INDEX AND TYPICAL SECTIONS

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Drawing No. 11724TD01 Rev 1
Sheet No. 01 AS CONSTRUCTED
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Scale @ A1/A3 AS SHOWN

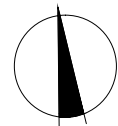
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1	AS CONSTRUCTED	01/12/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161126
Verified SL
Date 03/04/13
AN 1061164
Audited RCM
Date 31/07/14
AN 642129
Approved TL
Date 13/08/14
AN 883003
Written dimensions to take precedence over scale.
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AS CONSTRUCTED

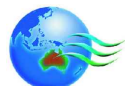


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Coords: MGA
Levels: AHD
Hor 1:2000 0m 20m 40m 80m 120m
Scale @ A1/A3 1:2000/1:4000

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
STAGING PLAN

Drawing No. 11724SP01 Rev 0
Sheet No. 02 AS CONSTRUCTED
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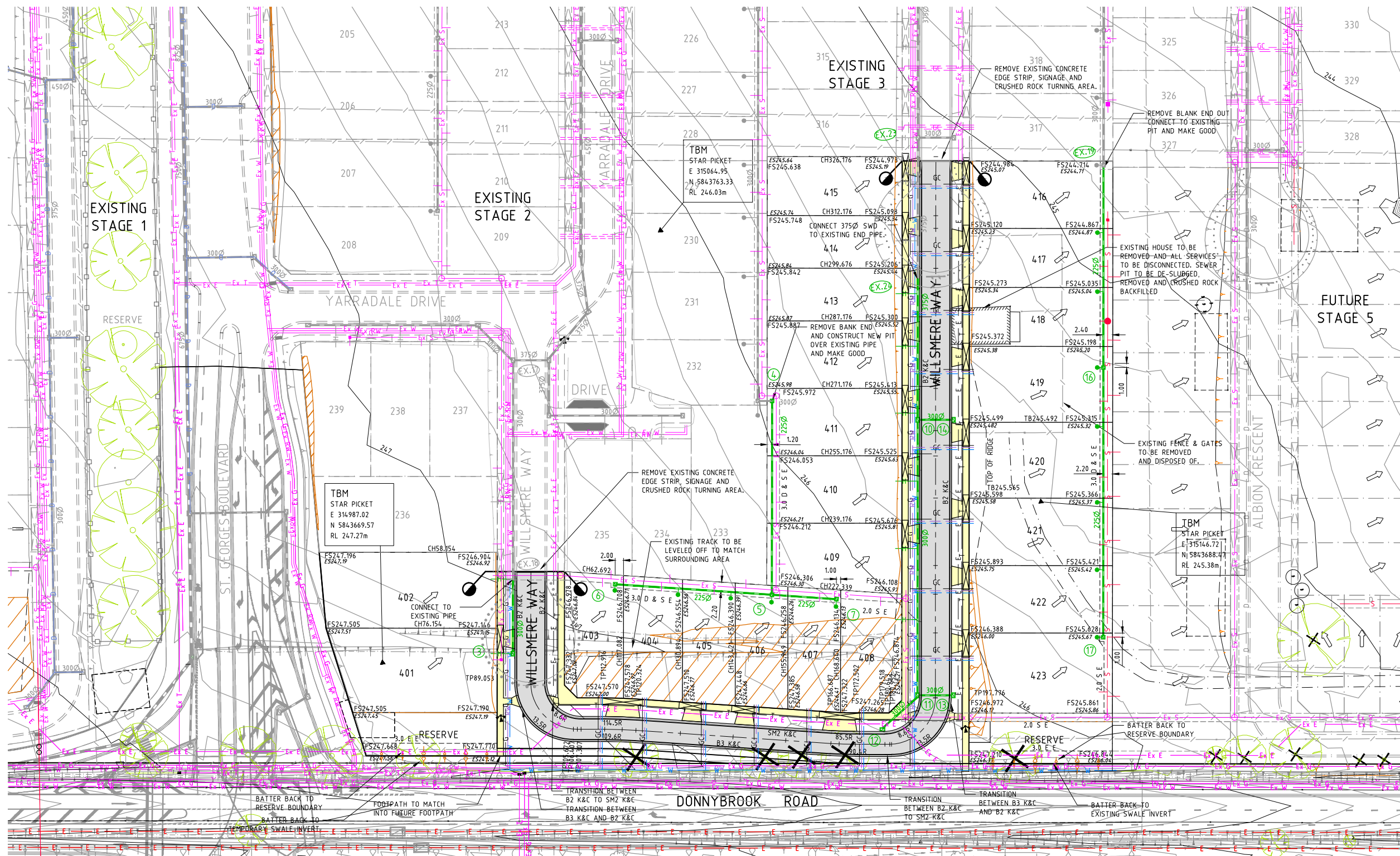


TABLE OF SERVICES LOCATIONS

STREET NAME	GAS		WATER (DW)		WATER (NDW)		TELECOM		ELECTRICITY	
	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET	SIDE	OFFSET
WILLSMERE WAY LOTS 401-402	W	2.05	W	3.05	W	2.55	E	1.775	E	2.60
WILLSMERE WAY LOTS 403-408	S	**0.60	S	**1.60	S	**1.10	N	1.775	N	2.60
WILLSMERE WAY LOTS 408-415	W	2.05	W	3.05	W	2.55	E	1.775	E	2.60

NOTE: ** = DIMENSIONED FROM DBR BOUNDARY

AS CONSTRUCTED

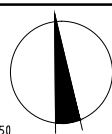
REV	AMENDMENTS	DATE	APPD.
2	AS CONSTRUCTED	01/12/14	TL
1	RESERVE DETAILS AMENDED	27/08/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161127
Verified SL
Date 03/04/13
AN 1061165
Audited RCM
Date 31/07/14
AN 642130
Approved TL
Date 13/08/14
AN 883004
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.

— EX W — EXISTING WATER MAIN
— EX RW — EXISTING RECYCLED WATER MAIN
— EX G — EXISTING GAS MAIN
— EX E — EXISTING ELECTRICAL CABLE
— EX S — EXISTING SEWER MAIN & MANHOLE
— EX T — EXISTING TELECOMM. CABLE & PIT
— EX V — EXISTING VENTILATION
— EX D — EXISTING DRAIN
— EX P — EXISTING PIT
— EX F — EXISTING FILL
— EX L — EXISTING LANDSCAPING
— EX T — EXISTING TELECOMM. CABLE & PIT
— EX V — EXISTING VENTILATION
— EX D — EXISTING DRAIN
— EX P — EXISTING PIT
— EX F — EXISTING FILL
— EX L — EXISTING LANDSCAPING

— S — SEWER MAIN AND MANHOLE
— W — WATER MAIN
— RW — RECYCLED WATER MAIN
— T — TELECOMMUNICATIONS
— E — ELECTRICITY
— G — GAS
— S — STREET NAME SIGN
— R — REGRADE LOT AT MIN 1 IN 150
— A — ASPHALT PAVEMENT
— C — CONC. EDGE STRIP/FOOTPATH/DRIVEWAY
— T — CONC. THRESHOLD TREATMENT
— L — LANDSCAPING
— W — LIMIT OF WORKS
— F — FILL GREATER THAN 200mm

— OF — OPTIC FIBRE
— W — WATER
— RW — RECYCLED WATER
— T — TELECOMMUNICATIONS
— E — ELECTRICITY
— G — GAS
— S — STREET NAME SIGN
— R — REGRADE LOT AT MIN 1 IN 150
— A — ASPHALT PAVEMENT
— C — CONC. EDGE STRIP/FOOTPATH/DRIVEWAY
— T — CONC. THRESHOLD TREATMENT
— L — LANDSCAPING
— W — LIMIT OF WORKS
— F — FILL GREATER THAN 200mm



merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
DETAIL PLAN

Drawing No. 11724DP01 Rev 2
Sheet No. 03 AS CONSTRUCTED
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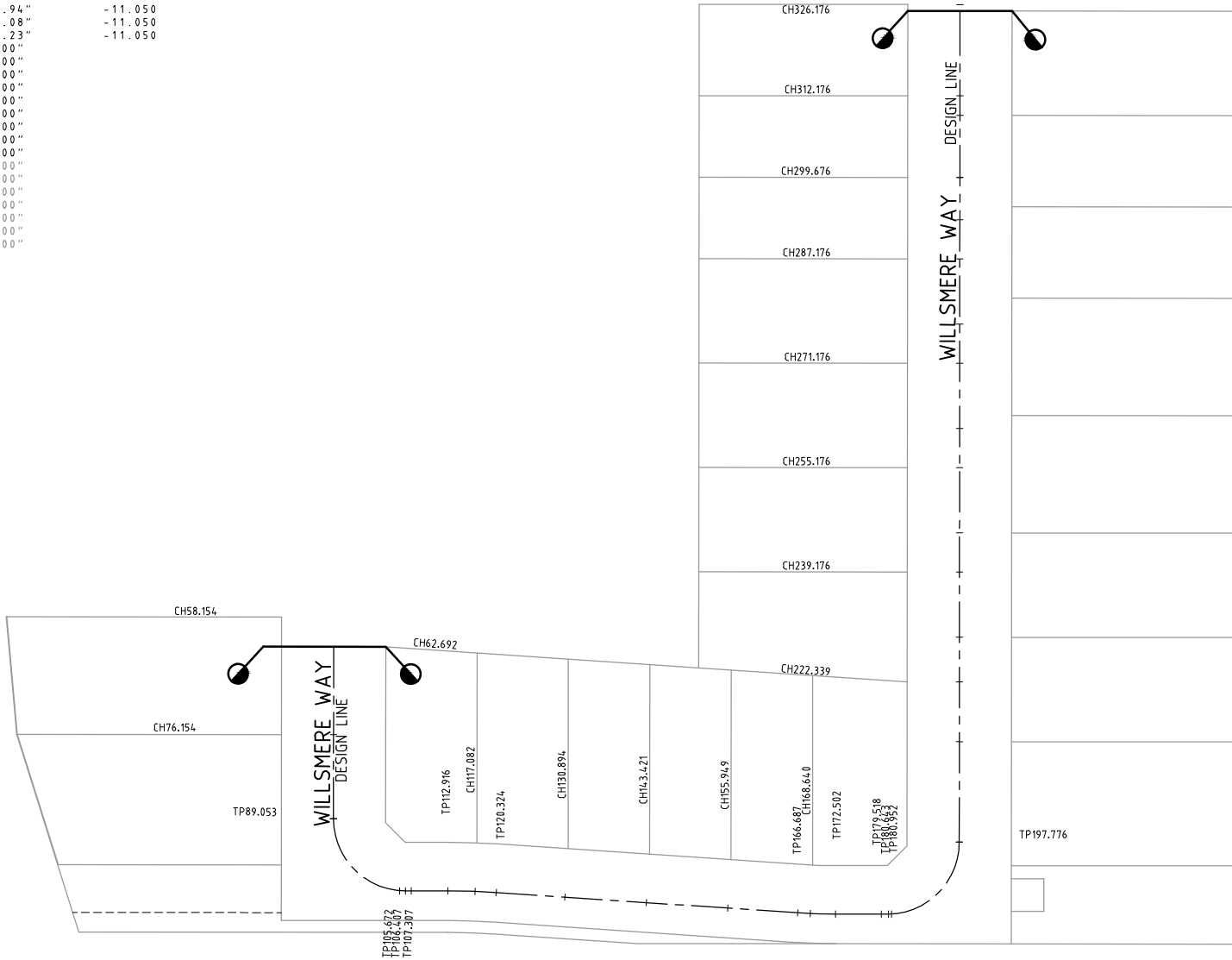


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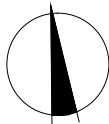
HORIZONTAL ALIGNMENT REPORT FOR WILLSMERE WAY DESIGN LINE

POINT TYPE	CHAINAGE	COORDINATES		RL	BEARING DEG MIN SEC	RADIUS
		EASTING	NORTHING			
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	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
CURVE-TANGENT	120.324	315044.708	5843646.342	247.435	100°50'32.53"	112.050
STRAIGHT	140.000	315064.033	5843642.641	247.336	100°50'32.53"	
STRAIGHT	160.000	315083.676	5843638.879	247.236	100°50'32.53"	
TANGENT-CURVE	166.687	315090.244	5843637.621	247.203	100°50'32.53"	-87.950
CURVE-TANGENT	172.502	315095.987	5843636.717	247.174	97°03'15.33"	-87.950
INTERSECTION POINT	172.502	315095.987	5843636.717	247.174	97°03'15.35"	
STRAIGHT	180.000	315103.428	5843635.796	247.133	97°03'15.35"	
CURVE	182.857	315106.276	5843635.711	247.105	84°24'30.49"	-11.050
CURVE	185.714	315109.053	5843636.352	247.066	69°35'37.64"	-11.050
CURVE	188.571	315111.573	5843637.681	247.017	54°46'44.79"	-11.050
CURVE	191.429	315113.669	5843639.611	246.957	39°57'51.94"	-11.050
CURVE	194.286	315115.202	5843642.012	246.886	25°08'59.08"	-11.050
CURVE	197.143	315116.071	5843644.726	246.804	10°20'06.23"	-11.050
INTERSECTION POINT	197.776	315116.166	5843645.352	246.785	7°03'10.00"	
STRAIGHT	200.000	315116.439	5843647.559	246.715	7°03'10.00"	
STRAIGHT	220.000	315118.895	5843667.408	246.089	7°03'10.00"	
STRAIGHT	240.000	315121.351	5843687.256	245.569	7°03'10.00"	
STRAIGHT	260.000	315123.806	5843707.105	245.400	7°03'10.00"	
STRAIGHT	280.000	315126.262	5843726.954	245.259	7°03'10.00"	
STRAIGHT	300.000	315128.718	5843746.802	245.112	7°03'10.00"	
STRAIGHT	320.000	315131.173	5843766.651	244.940	7°03'10.00"	
INTERSECTION POINT	325.176	315131.809	5843771.788	244.895	7°03'10.00"	
STRAIGHT	340.000	315133.629	5843786.500	244.767	7°03'10.00"	
STRAIGHT	360.000	315136.085	5843806.348	244.594	7°03'10.00"	
STRAIGHT	380.000	315138.540	5843826.197	244.422	7°03'10.00"	
VC INTERSECTION POINT	389.324	315139.685	5843835.450	244.342	7°03'10.00"	
STRAIGHT	400.000	315140.996	5843846.046	244.288	7°03'10.00"	
VC INTERSECTION POINT	409.326	315142.141	5843855.301	244.241	7°03'10.00"	
INTERSECTION POINT	412.676	315142.552	5843858.626	244.342	7°03'10.00"	



Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161128
Verified SL
Date 03/04/13
AN 1061166
Audited RCM
Date 31/07/14
AN 642131
Approved TL
Date 13/08/14
AN 883005
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.

AS CONSTRUCTED



Coords: MGA
Levels: AHD

Scale @ A1/A3

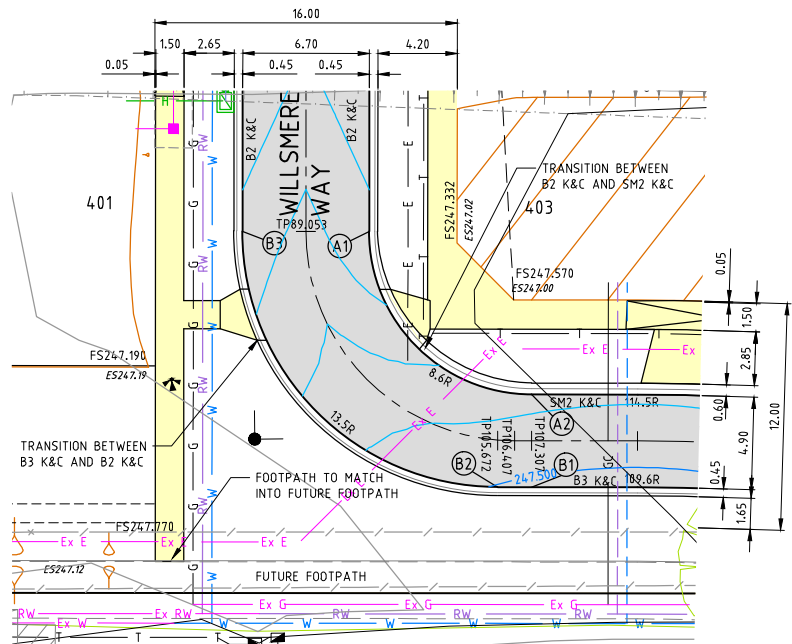
merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
SETOUT DETAILS

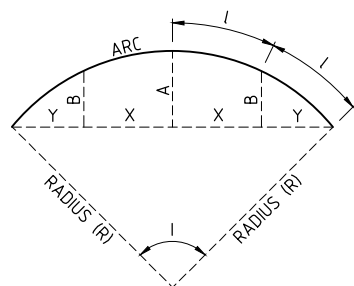
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Sheet No. 04 AS CONSTRUCTED
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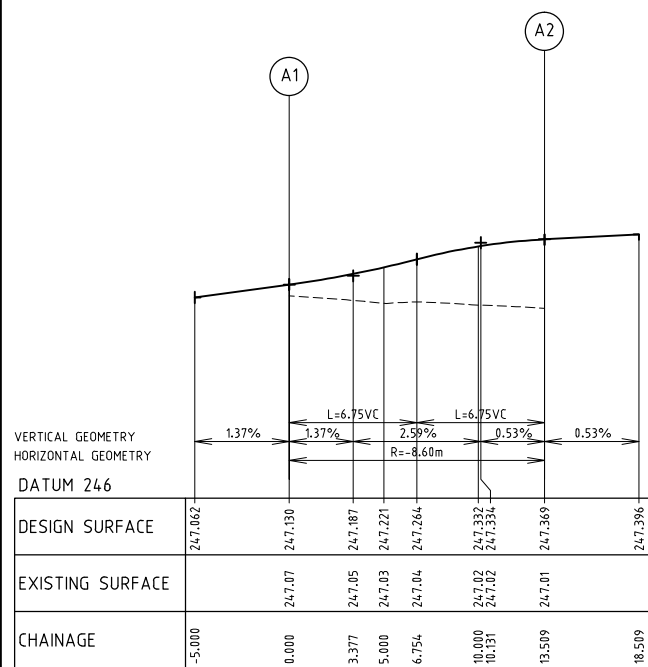
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0	CONSTRUCTION ISSUE	06/05/14	TL
REV	AMENDMENTS	DATE	APP'D.



PLAN

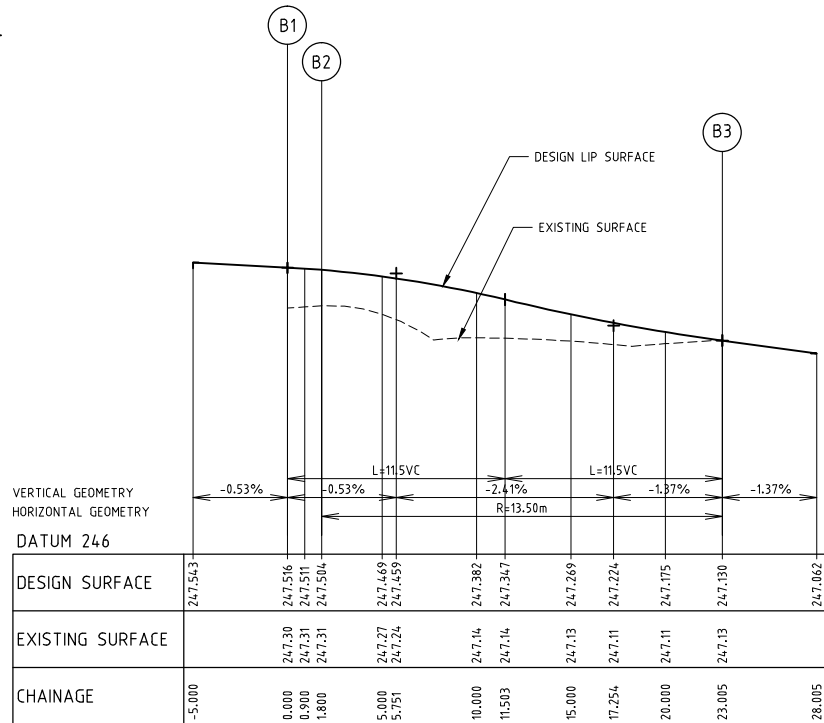


LIP SETOUT DETAIL



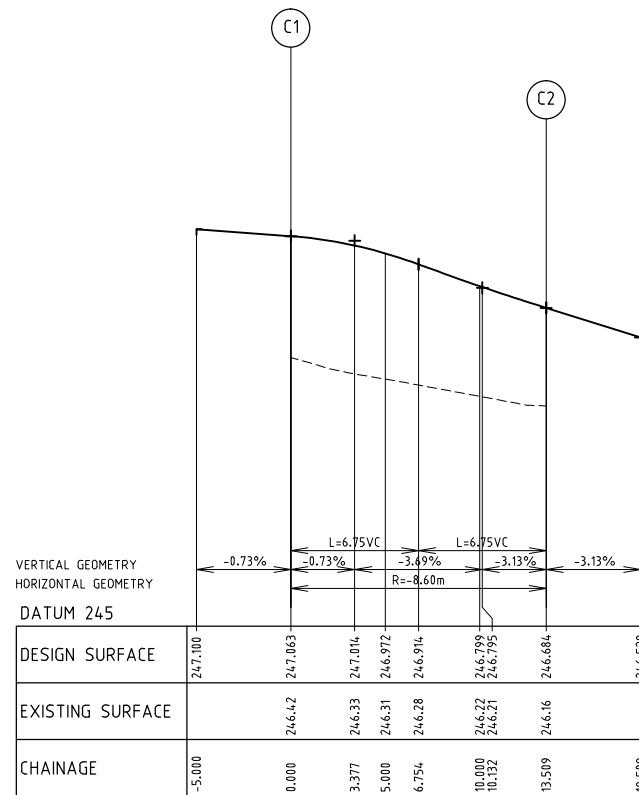
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SCALES H. 1:200, V. 1:20



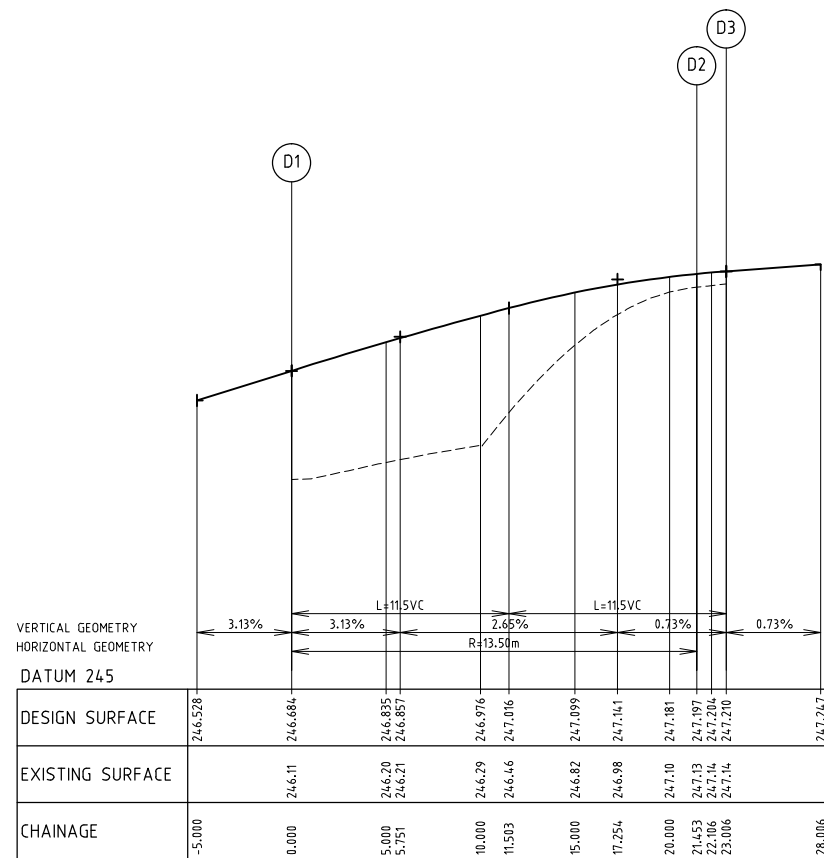
LIP PROFILE B

SCALES H. 1:200, V. 1:20



LIP PROFILE C

SCALES H. 1:200, V. 1:20



LIP PROFILE D

SCALES H. 1:200, V. 1:20

ALIGNMENT A

POINT NO	EASTING	NORTHING	RL
A1	315024.647	5843660.205	247.130
A2	315032.126	5843650.614	247.369

ALIGNMENT B

POINT NO	EASTING	NORTHING	RL
B1	315031.524	5843645.752	247.516
B2	315029.738	5843645.973	247.504
B3	315017.998	5843661.028	247.130

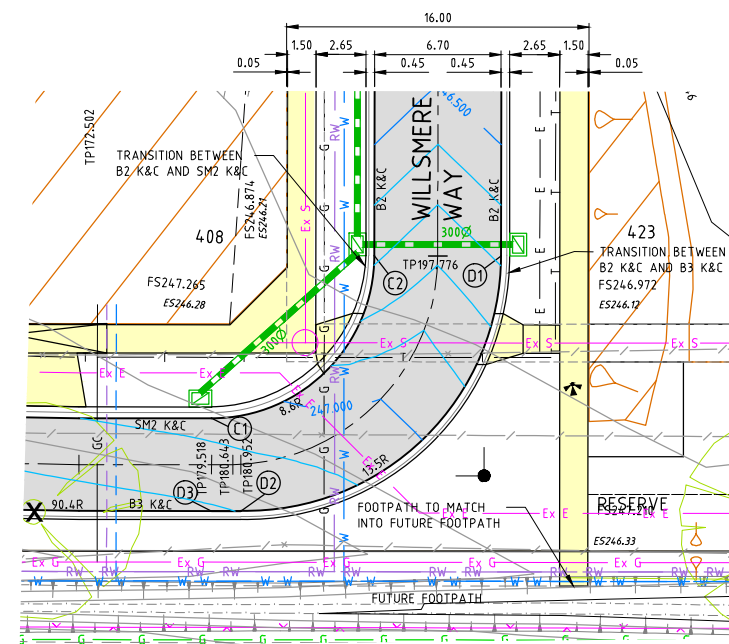
ALIGNMENT C

POINT NO	EASTING	NORTHING	RL
C1	315103.251	5843638.284	247.063
C2	315112.842	5843645.763	246.684

ALIGNMENT D

POINT NO	EASTING	NORTHING	RL
D1	315119.491	5843644.940	246.684
D2	315104.190	5843633.233	247.197
D3	315102.649	5843633.423	247.210

CURVE NO	I	RADIUS	ARC	A	B	X	Y	L	MID POINT RL
D1 - D2	91.050	13.500	21.453	4.042	2.991	5.223	4.410	5.363	246.996



PLAN

AS CONSTRUCTED

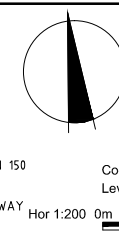
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1	AS CONSTRUCTED	01/12/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG Date 10/10/12
AN 161129
Verified SL Date 03/04/13
AN 1061167
Audited RCM Date 31/07/14
AN 642132
Approved TL Date 13/08/14
AN 883006
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.

—Ex W— EXISTING WATER MAIN
—Ex RW— EXISTING RECYCLED 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
—Ex P— EXISTING STORMWATER DRAIN & PIT
—Ex C— EXISTING CONCRETE PRE DEVELOPMENT
—Ex T— EXISTING TREES TO BE REMOVED
—Ex L— EXISTING SURFACE LEVEL
—Ex F— FINISHED SURFACE LEVEL

—S— SEWER MAIN AND MANHOLE
—D— STORMWATER DRAIN & PIT
—SW— SW DRAIN & PIT CONSTRUCTED IN PREVIOUS STAGES
—P— PROPERTY INLETS
—H— HOUSE DRAIN
—GC— GAS CONDUIT
—WC— WATER CONDUIT
—RC— RECYCLED WATER CONDUIT
—TC— TELECOMM. CONDUIT
—PM— PERMANENT SURVEY MARK
—TB— TEMPORARY BENCH MARK

—OF— OPTIC FIBRE
—W— WATER
—RW— RECYCLED WATER
—T— TELECOMMUNICATIONS
—E— ELECTRICITY
—G— GAS
—SS— STREET NAME SIGN
—R— REGRADE LOT AT MIN 1 IN 150
—A— ASPHALT PAVEMENT
—C— CONC FOOTPATH / DRIVEWAY
—L— LANDSCAPING
—F— FILLING OVER 200mm
—C— FINISHED SURFACE CONTOUR



Coords: MGA
Levels: AHD

Hor 1:200 0m 2m 4m 8m 12m

Scale @ A1/A3 1:200/1:400

merrifield
MAB gpc

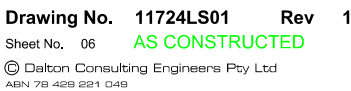
MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
INTERSECTION DETAILS
Drawing No. 11724ID01 Rev 1
Sheet No. 05 AS CONSTRUCTED
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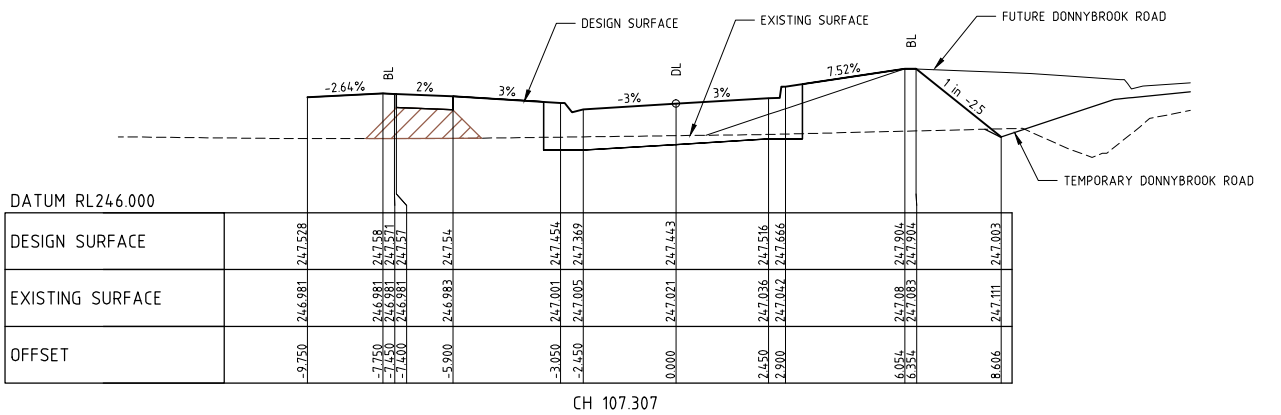
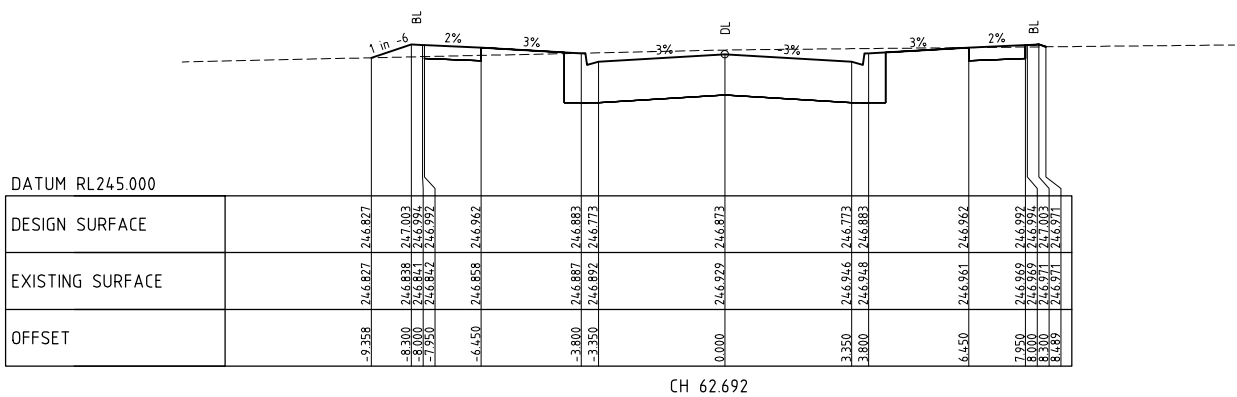
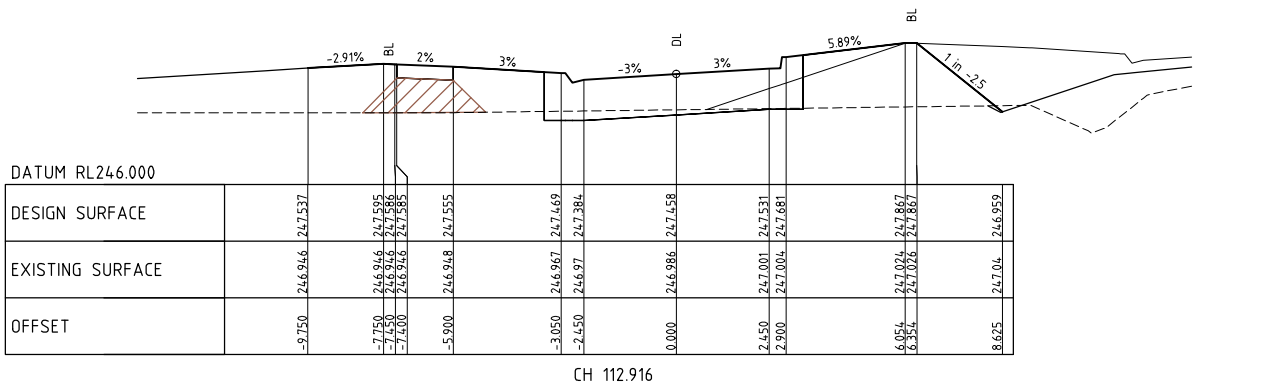
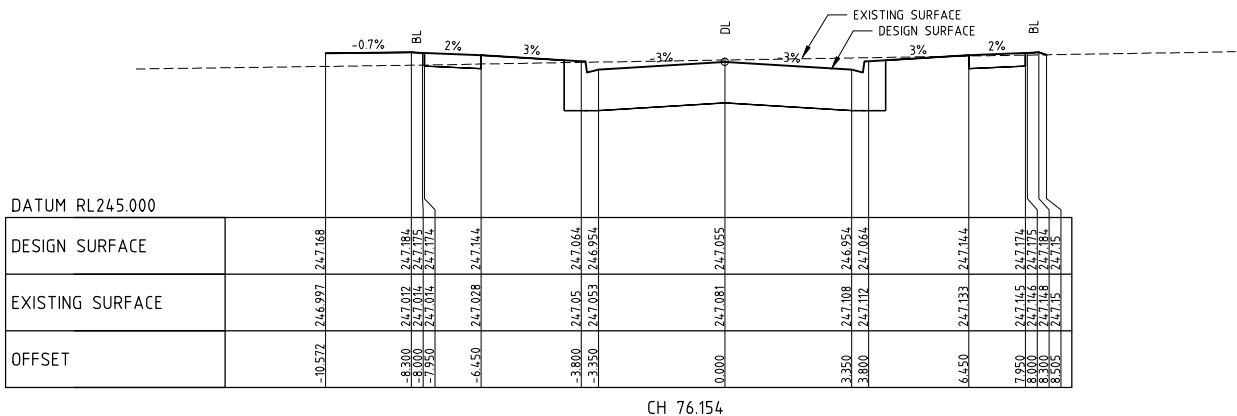
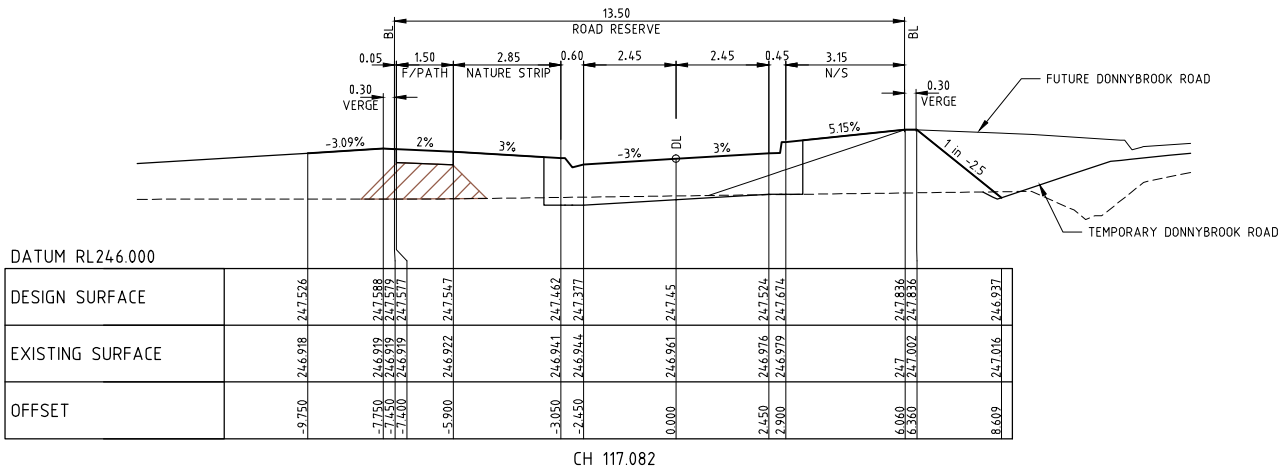
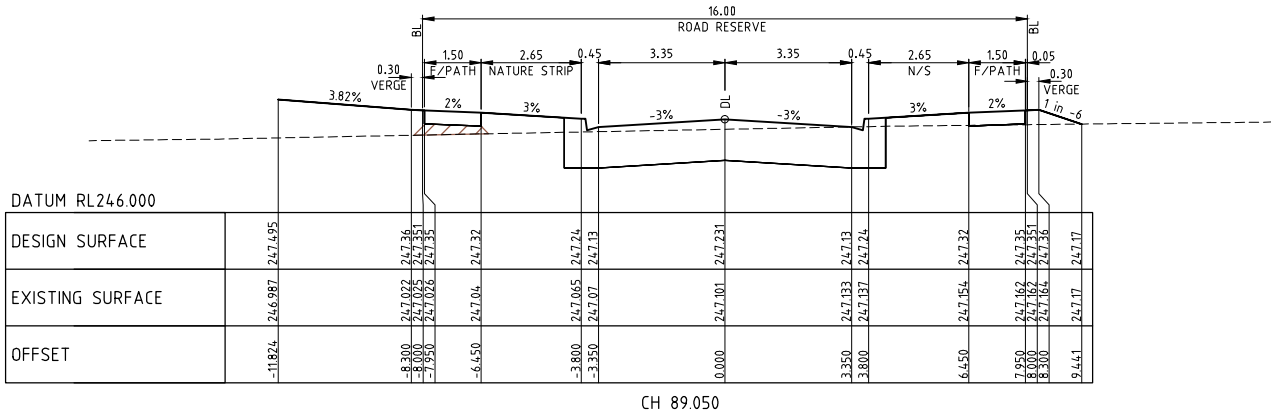


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Designed BG	
Date 10/10/12	
AN 161130	
Verified SL	
Date 03/04/13	
AN 065166	
Audited RCM	
Date 31/07/14	
AN 642133	
Approved TL	
Date 13/08/14	
AN 838307	
Written dimensions to take precedence over scale.	
Contractor shall check and verify all dimensions on site.	
Discrepancies to be brought to the attention of the Superintendent.	

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
LONGITUDINAL SECTIONS



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AS CONSTRUCTED

REV	AMENDMENTS	DATE	APPD.
2	AS CONSTRUCTED	01/12/14	TL
1	INTERIM BATTER ALONG DONNYBROOK ROAD SHOWN	27/08/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161131
Verified SL
Date 03/04/13
AN 1061169
Audited RCM
Date 31/07/14
AN 642134
Approved TL
Date 13/08/14
AN 883008

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



STRUCTURAL FILL

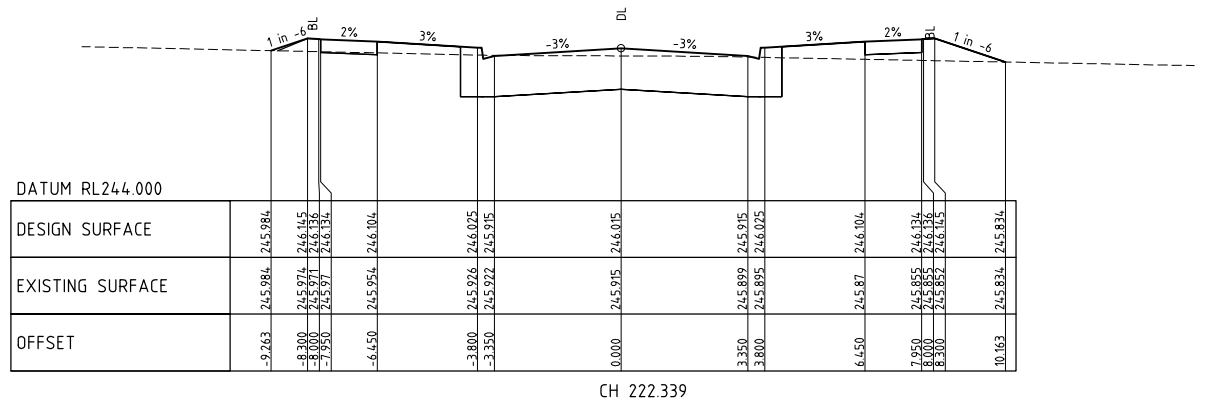
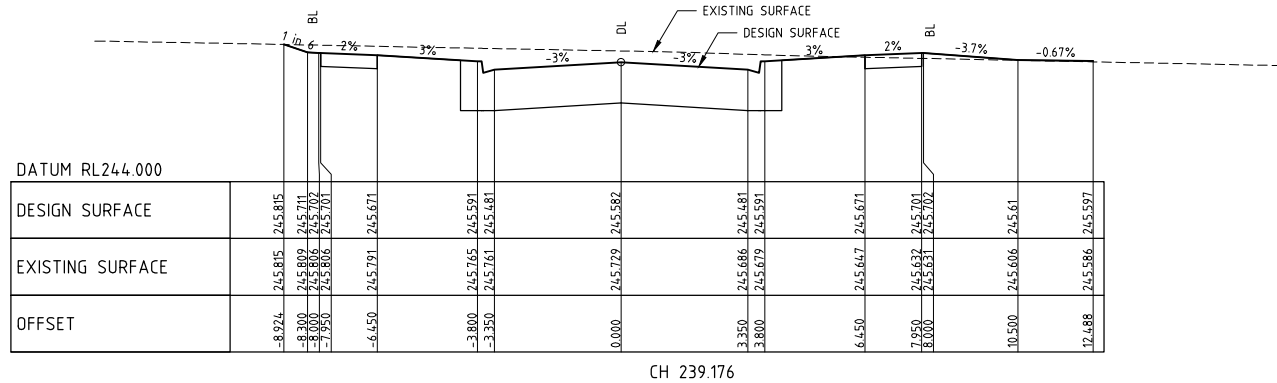
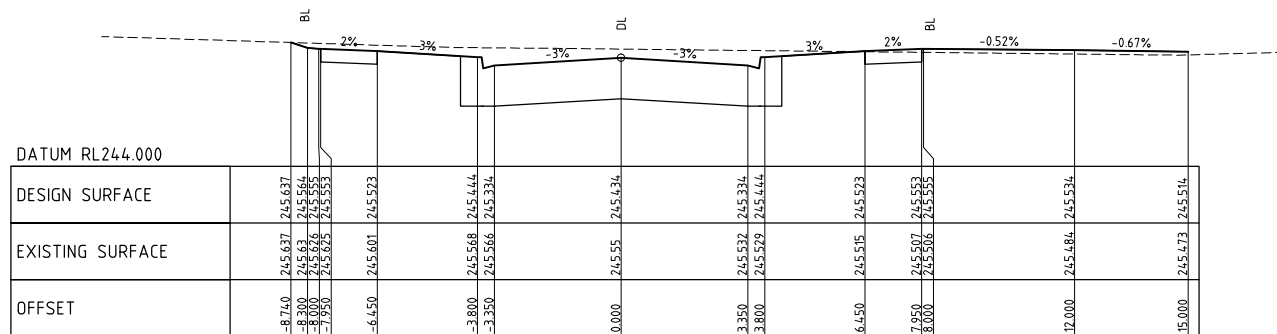
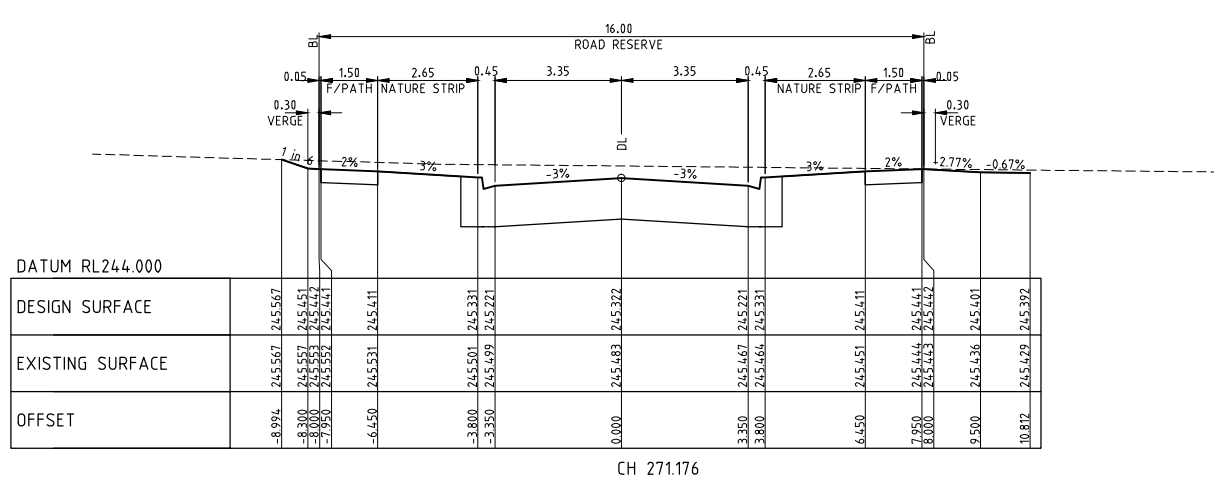
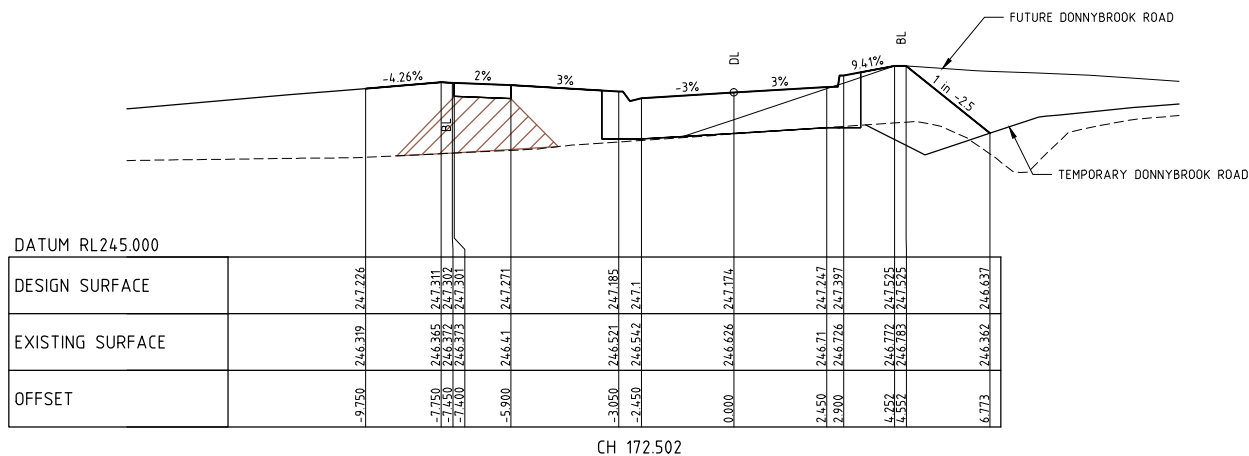
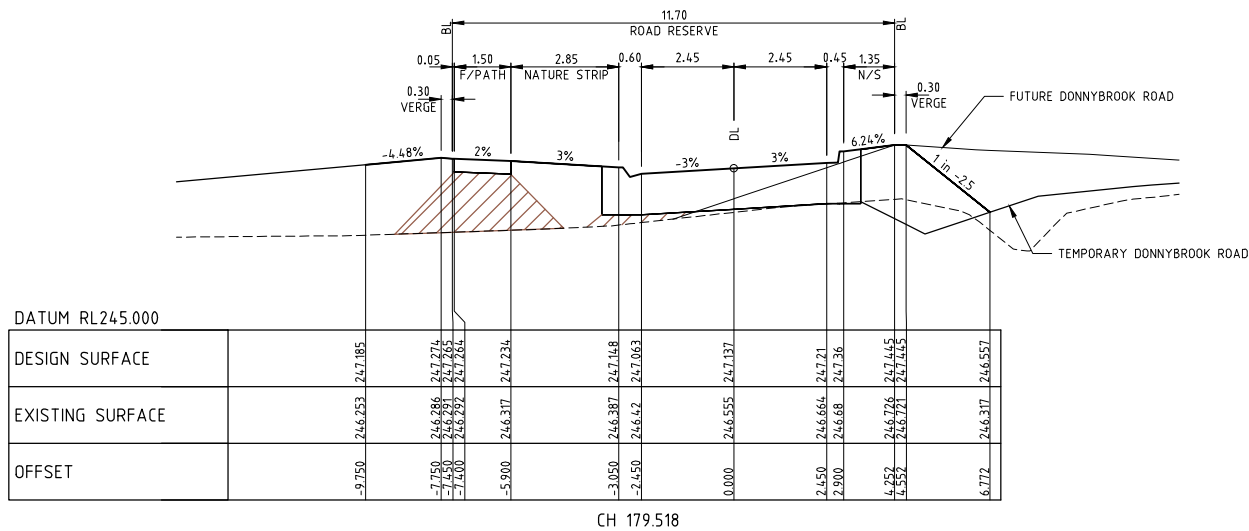
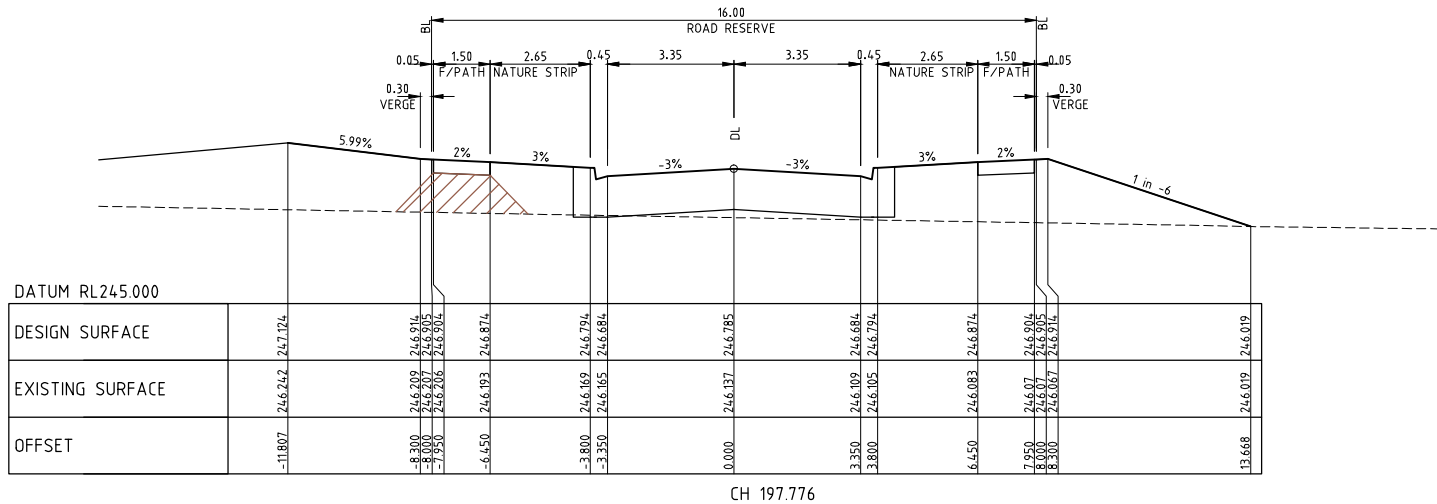
merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
CROSS SECTIONS
SHEET 1 OF 4
Drawing No. 11724XS01 Rev 2
Sheet No. 07 AS CONSTRUCTED
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Coords: MGA
Levels: AHD
Hor 1:200
Ver 1:100
Scale @ A1/A3 1:200/1:400

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E info@dceprofile.com

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AS CONSTRUCTED

REV	AMENDMENTS	DATE	APPD.
2	AS CONSTRUCTED	01/12/14	TL
1	INTERIM BATTER ALONG DONNYBROOK ROAD SHOWN	27/08/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161132
Verified SL
Date 03/04/13
AN 1061170
Audited RCM
Date 31/07/14
AN 642136
Approved TL
Date 13/08/14
AN 883010
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



STRUCTURAL FILL

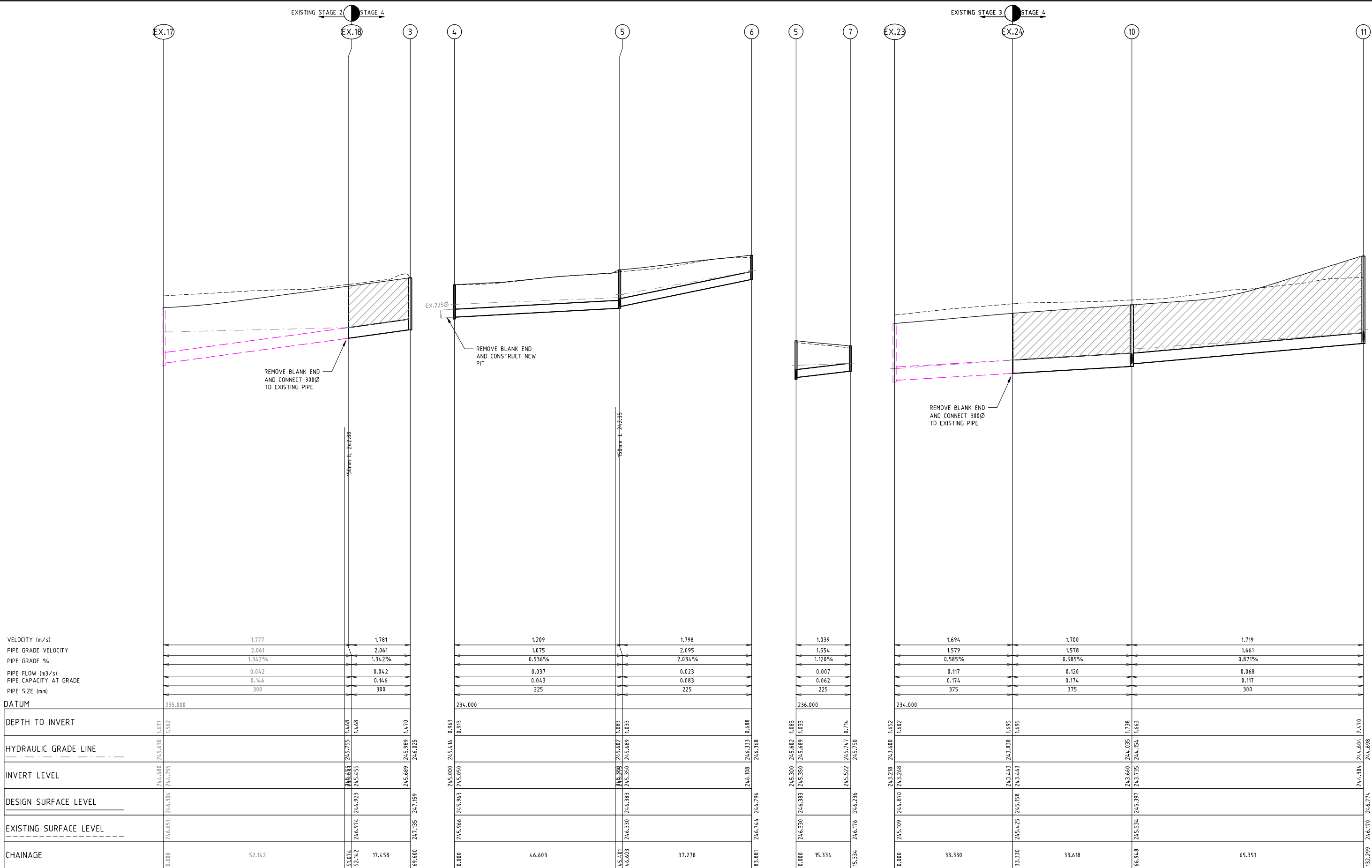
merrifield
MAB gpc

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 4
CROSS SECTIONS
SHEET 3 OF 4
Drawing No. 11724XS03 Rev 2
Sheet No. 09 AS CONSTRUCTED
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E info@dceprofile.com

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REV	AMENDMENTS	DATE	APPD.
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0	CONSTRUCTION ISSUE	06/05/14	TL

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161134
Verified SL
Date 03/04/13
AN 1061172
Audited RCM
Date 31/07/14
AN 642138
Approved TL
Date 13/08/14
AN 883012
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.



DENOTES CRUSHED ROCK BACKFILL

AS CONSTRUCTED

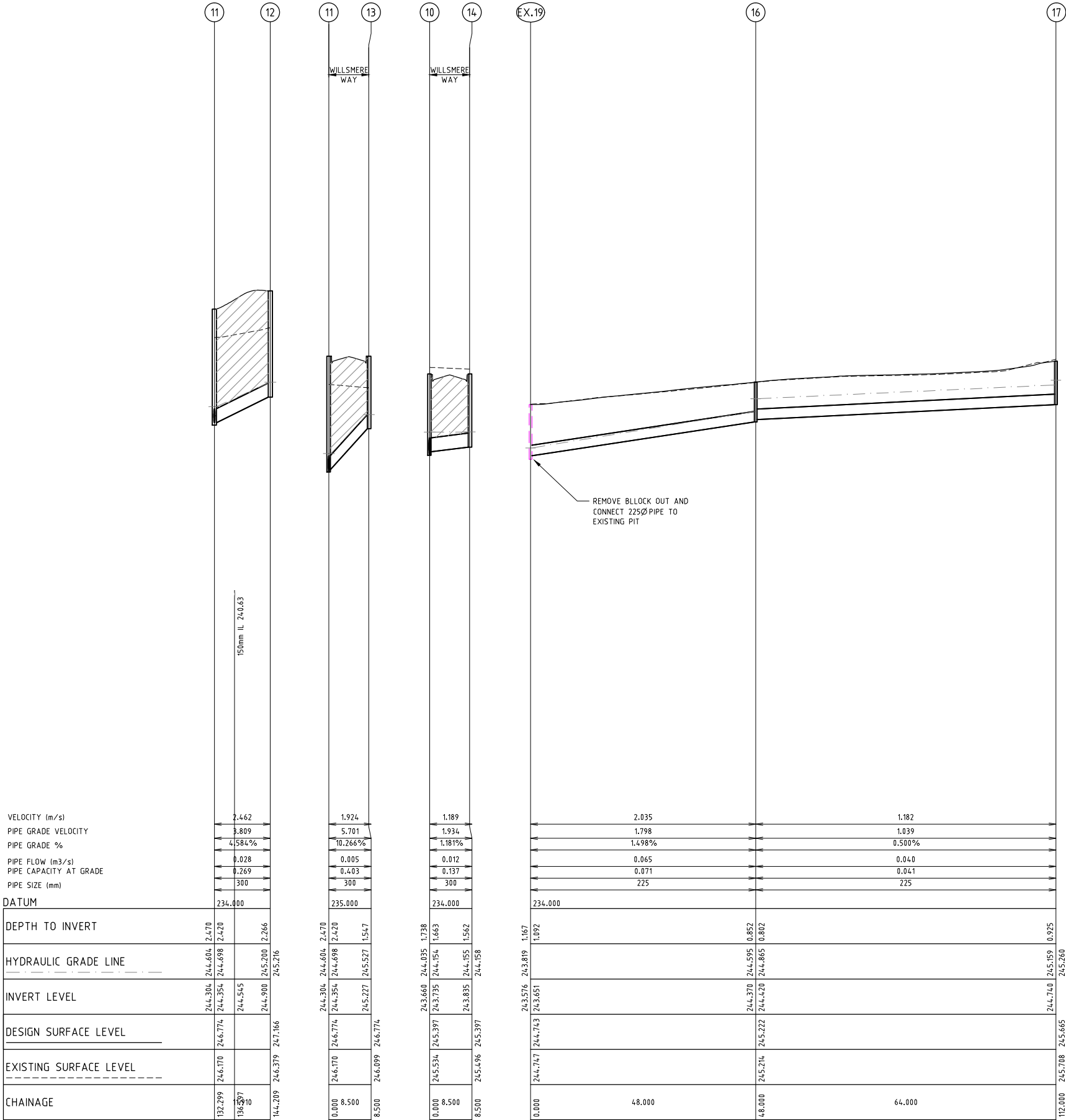
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Levels: AHD
Hor 1:500 0m 5m 10m 20m 30m
Ver 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:500/1:1000

merrifield
MAB gpc

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
DRAINAGE LONGITUDINAL SECTIONS
SHEET 1 OF 2
Drawing No. 11724DR01 Rev 1
Sheet No. 11 AS CONSTRUCTED
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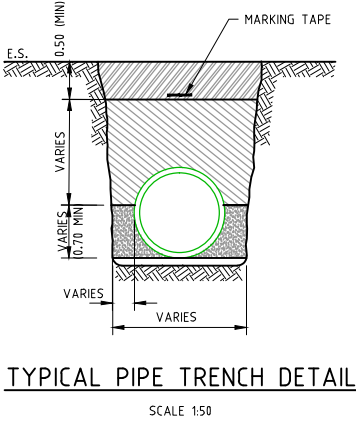
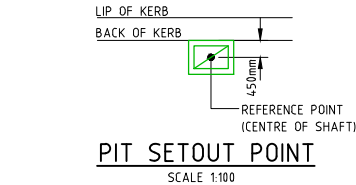
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Drawing File (S:\Design\11700\11724-MERRIFIELD - Precinct 1 - Stage 4\Ascd\11724DR02.dwg - 11724DR02
Date/Time: Tue Dec 02, 2014 - 9:45:50m --matthew.copello--



PIT		CO-ORDINATES		INTERNAL		INLET		OUTLET		PIT		REMARKS
NAME	TYPE	EASTING	NORTHING	WD	LEN	DIA	INV LEV	DIA	INV LEV	SETOUT RL	DEPTH	
Ex.17		315026.497	5843737.055	600	900	300	244.755			246.304	1.624	EXISTING PIT
Ex.18	EP	315020.095	5843685.308			300	245.455	300	245.455	246.923	1.468	CONNECT TO EXISTING PIPE
3	GSEP	315017.952	5843667.982	600	900			300	245.689	247.159	1.470	REFER TO GAA STD DRG FIG.012
4	JP	315086.377	5843720.578	600	600	225	245.050			245.963	0.963	REFER TO GAA STD DRG FIG.014
5	JP	315080.669	5843674.327	600	900	225	245.350	225	245.300	246.383	1.083	REFER TO GAA STD DRG FIG.014
						225	245.350					
6	JP	315044.057	5843681.339	600	600			225	246.108	246.796	0.688	REFER TO GAA STD DRG FIG.014
7	JP	315095.728	5843671.443	600	600			225	245.522	246.236	0.714	REFER TO GAA STD DRG FIG.014
Ex.23		315128.266	5843777.767	600	900	375	243.268			244.870	1.652	EXISTING PIT
Ex.24	EP	315124.174	5843744.689			375	243.463	375	243.463	245.158	1.695	CONNECT TO EXISTING PIPE
10	GSEP	315120.046	5843711.325	600	900	300	243.735	375	243.660	245.397	1.738	REFER TO GAA STD DRG FIG.012
						300	243.735					
11	GSEP	315112.022	5843646.469	600	900	300	244.354	300	244.304	246.774	2.470	REFER TO GAA STD DRG FIG.012
						300	244.354					
12	GSEP	315102.766	5843639.400	600	900			300	244.900	247.166	2.266	REFER TO GAA STD DRG FIG.013
13	GSEP	315120.458	5843645.425	600	900			300	245.227	246.774	1.547	REFER TO GAA STD DRG FIG.012
14	GSEP	315128.483	5843710.291	600	900			300	243.835	245.397	1.562	REFER TO GAA STD DRG FIG.012
Ex.19		315171.185	5843765.909	600	600	225	243.651			244.743	1.167	CONNECT TO EXISTING PIT
16	JP	315165.291	5843718.272	600	600	225	244.420	225	244.370	245.222	0.852	REFER TO GAA STD DRG FIG.014
17	JP	315157.433	5843654.756	600	600			225	244.740	245.665	0.925	REFER TO GAA STD DRG FIG.014

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



1	AS CONSTRUCTED	01/12/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL
REV	AMENDMENTS	DATE	APPD.

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161135
Verified SL
Date 03/04/13
AN 1061173
Audited RCM
Date 31/07/14
AN 642139
Approved TL
Date 13/08/14
AN 883013
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

AS CONSTRUCTED

merrifield

MAB gpc

Coords: MGA
Levels: AHD

Hor 1:500 0m 5m 10m 20m 30m
Ver 1:100 0m 1m 2m 4m 6m
Scale @ A1/A3 1:500/1:1000

MERRIFIELD DEVELOPMENT

DONNYBROOK ROAD, MICKLEHAM

STAGE 4

DRAINAGE LONGITUDINAL SECTIONS

SHEET 2 OF 2

Drawing No. 11724DR02 Rev 1

Sheet No. 12 AS CONSTRUCTED

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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.

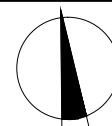
THIS PLAN HAS BEEN PREPARED FOR THE PURPOSE OF CONSTRUCTING SUBDIVISIONAL WORKS AND IS NOT A RECORD OF 'AS BUILT DETAILS'.

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

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



Coords: MGA
Levels: AHD

Hor 1:500 0m 5m 10m 20m 30m

Scale @ A1/A3 1:500/1:1000

merrifield
MAB GOC

MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
FILL PLAN

Drawing No. 11724FP01 Rev 1

Sheet No. 13 **AS CONSTRUCTED**
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1	AS CONSTRUCTED	01/12/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL
REV	AMENDMENTS	DATE	APP'D.

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161136
Verified SL
Date 03/04/13
AN 1061174
Audited RCM
Date 31/07/14
AN 642140
Approved TL
Date 13/08/14

AN 883014
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Drawing File: C:\Design\11724\11724-MERRIFIELD - Precinct 1 - Stage 4\A3.dwg
11724POS01.dwg - 11724POS01
Date/Time: Tue Dec 02, 2014 - 9:46am --matthewcapaldo--

PLAN OF SUBDIVISION		LV use only	Plan Number
EDITION			PS 714643A
Location of Land Parish: MICKLEHAM Township: - Section: - Crown Allotment: - Crown Portion: 24 (PART) Title Reference: VOL FOL Last Plan Reference: LOT C PS714641E 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		Notations	
Identifier	Council/Body/Person	Staging This is not a staged subdivision Planning Permit No. P16701	
ROAD R1 RESERVE No.1 RESERVE No.2 RESERVE No.3	HUME CITY COUNCIL HUME CITY COUNCIL HUME CITY COUNCIL JEMENA ELECTRICITY NETWORKS (VIC) LTD	Survey This plan is 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 LAND SUBDIVIDED (EXCLUDING LOT D) - 1.637ha EASEMENTS E-5, E-7, E-8, E-9 AND E-12 HAVE BEEN OMITTED FROM THIS PLAN LOTS 1 TO 400 (BOTH INCLUSIVE) & LOTS A, B & C HAVE BEEN OMITTED FROM THIS PLAN TANGENT POINTS ARE SHOWN THUS:	
OTHER PURPOSE OF PLAN TO REMOVE THOSE PARTS OF EASEMENTS E-2 AND E-11 ON PS714641E NOW CONTAINED IN WILLSMERE WAY ON THIS PLAN.			
GROUNDS FOR REMOVAL OF EASEMENT AGREEMENT BY ALL INTERESTED PARTIES.			
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
E-1 E-1	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS714640L PS714640L
E-2 E-2	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS714640G PS714640G
E-3 E-3	DRAINAGE SEWERAGE	SEE DIAG SEE DIAG	PS714641E PS714641E
E-4	DRAINAGE	SEE DIAG	PS714640L
E-6 E-6 E-6	POWERLINE DRAINAGE SEWERAGE	SEE DIAG SEE DIAG SEE DIAG	C/E PS714640L PS714640L
E-10	DRAINAGE	SEE DIAG	PS714640G
E-11	POWERLINE	SEE DIAG	C/E
E-13	POWERLINE DRAINAGE	SEE DIAG SEE DIAG	C/E PS714640L
E-14 E-14 E-14	POWERLINE DRAINAGE SEWERAGE	SEE DIAG SEE DIAG SEE DIAG	C/E PS714640G PS714640G
MERRIFIELD - 4 23 LOTS AND BALANCE LOT D		LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER	
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		Sheet 1 of 8 sheets Original sheet size A3	
SIGNATURE DATE / / REF 29005043 25/08/14 VERSION K DWG 2900504AK			

PLAN OF SUBDIVISION		Plan Number
PS 714643A		
MERRIFIELD - 4 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	SHEET SIZE
	7.5 0 15 30	A3
LENGTHS ARE IN METRES		
LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER		
SIGNATURE DATE / /		
REF 29005043 25/08/14 VERSION K		
DWG 2900504AK		

PLAN OF SUBDIVISION		Plan Number
PS 714643A		
MERRIFIELD - 4 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	SHEET SIZE
	7.5 0 15 30	A3
LENGTHS ARE IN METRES		
LICENSED SURVEYOR (PRINT) GEOFFREY JAMES TURNER		
SIGNATURE DATE / /		
REF 29005043 25/08/14 VERSION K		
DWG 2900504AK		

2	AS CONSTRUCTED	01/12/14	TL
1	PLAN OF SUBDIVISION AMENDED	27/08/14	TL
0	CONSTRUCTION ISSUE	06/05/14	TL
REV	AMENDMENTS	DATE	APPD.

Drawn HT Date 10/10/12
Designed BG
Date 10/10/12
AN 161137
Verified SL
Date 03/04/13
AN 1061175
Audited RCM
Date 31/07/14
AN 642141
Approved TL
Date 13/08/14
AN 883015
Written dimensions to take precedence over scale.
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AS CONSTRUCTED



MERRIFIELD DEVELOPMENT
DONNYBROOK ROAD, MICKLEHAM
STAGE 4
PLAN OF SUBDIVISION



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Drawing No. 11724POS01 Rev 2
Sheet No. 14 AS CONSTRUCTED
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Coords: MGA
Levels: AHD

Scale @ A1/A3

